

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060616\  
 Data File : BG022172.D  
 Acq On : 6 Jun 2016 17:02  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 07 03:18:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 06 16:12:45 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 34719    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.94 | 136  | 172310   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.75 | 164  | 102510   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.49 | 188  | 231181   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.77 | 240  | 229799   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.06 | 264  | 217221   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.67  | 112 | 158077 | 88.03 | ng | 0.00 |
| 7) Phenol-d6             | 7.28  | 99  | 229645 | 81.34 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.29  | 82  | 211915 | 85.74 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.23 | 330 | 92740  | 80.06 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.37 | 172 | 562507 | 83.62 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.08 | 244 | 776603 | 80.23 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 35899  | 41.69 | ng | # 83   |
| 3) Pyridine                    | 3.93  | 79  | 95593  | 41.08 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 22406  | 43.07 | ng | 92     |
| 6) Aniline                     | 7.44  | 93  | 146629 | 40.88 | ng | # 82   |
| 8) 2-Chlorophenol              | 7.68  | 128 | 99845  | 40.23 | ng | # 80   |
| 9) Benzaldehyde                | 7.26  | 77  | 64742  | 41.66 | ng | # 78   |
| 10) Phenol                     | 7.31  | 94  | 118474 | 40.70 | ng | 82     |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93  | 91683  | 39.50 | ng | # 73   |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146 | 105720 | 39.74 | ng | # 91   |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146 | 106861 | 40.31 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.48  | 146 | 105463 | 39.47 | ng | 96     |
| 15) Benzyl Alcohol             | 8.36  | 79  | 70851  | 38.84 | ng | # 86   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 95059  | 39.48 | ng | 81     |
| 17) 2-Methylphenol             | 8.57  | 107 | 84534  | 38.92 | ng | # 87   |
| 18) Hexachloroethane           | 9.21  | 117 | 38587  | 39.87 | ng | # 76   |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70  | 75035  | 39.26 | ng | # 68   |
| 20) 3+4-Methylphenols          | 8.90  | 107 | 119045 | 38.21 | ng | 96     |
| 22) Acetophenone               | 8.95  | 105 | 155272 | 41.82 | ng | # 81   |
| 24) Nitrobenzene               | 9.34  | 77  | 102150 | 41.10 | ng | # 79   |
| 25) Isophorone                 | 9.85  | 82  | 218505 | 37.79 | ng | # 91   |
| 26) 2-Nitrophenol              | 10.05 | 139 | 57664  | 42.79 | ng | # 72   |
| 27) 2,4-Dimethylphenol         | 10.10 | 122 | 101158 | 41.47 | ng | 86     |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93  | 134462 | 40.59 | ng | 93     |
| 29) 2,4-Dichlorophenol         | 10.59 | 162 | 95810  | 42.40 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.80 | 180 | 104191 | 41.26 | ng | 96     |
| 31) Naphthalene                | 10.99 | 128 | 337612 | 39.25 | ng | # 95   |
| 32) Benzoic acid               | 10.23 | 122 | 27056  | 36.90 | ng | # 87   |
| 33) 4-Chloroaniline            | 11.10 | 127 | 146438 | 40.95 | ng | # 89   |
| 34) Hexachlorobutadiene        | 11.26 | 225 | 55386  | 40.86 | ng | 96     |
| 35) Caprolactam                | 11.87 | 113 | 42508  | 34.29 | ng | # 39   |
| 36) 4-Chloro-3-methylphenol    | 12.21 | 107 | 104047 | 38.84 | ng | 85     |
| 37) 2-Methylnaphthalene        | 12.59 | 142 | 245834 | 38.72 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.95 | 216 | 111979 | 42.44 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.92 | 237 | 53264  | 42.19 | ng | 96     |

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 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

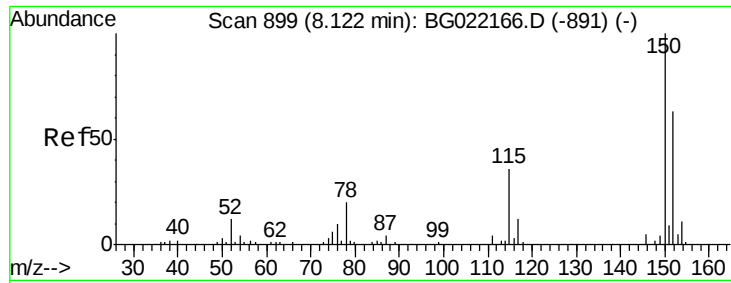
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 07 03:18:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 06 16:12:45 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.19 | 196  | 74647    | 42.17 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.27 | 196  | 79740    | 40.77 | ng #  | 94       |
| 45) 1,1'-Biphenyl              | 13.58 | 154  | 324600   | 42.08 | ng    | 94       |
| 46) 2-Chloronaphthalene        | 13.63 | 162  | 246512   | 41.68 | ng    | 95       |
| 47) 2-Nitroaniline             | 13.84 | 65   | 55884    | 39.63 | ng #  | 55       |
| 48) Acenaphthylene             | 14.48 | 152  | 415877   | 40.08 | ng    | 98       |
| 49) Dimethylphthalate          | 14.19 | 163  | 323872   | 38.10 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.32 | 165  | 73930    | 40.01 | ng #  | 77       |
| 51) Acenaphthene               | 14.81 | 154  | 242199   | 38.96 | ng    | 94       |
| 52) 3-Nitroaniline             | 14.66 | 138  | 78857    | 38.48 | ng #  | 78       |
| 53) 2,4-Dinitrophenol          | 14.87 | 184  | 23944    | 38.32 | ng #  | 74       |
| 54) Dibenzofuran               | 15.15 | 168  | 388407   | 40.04 | ng    | 98       |
| 55) 4-Nitrophenol              | 14.98 | 139  | 54870    | 38.79 | ng #  | 71       |
| 56) 2,4-Dinitrotoluene         | 15.11 | 165  | 100792   | 40.67 | ng #  | 83       |
| 57) Fluorene                   | 15.79 | 166  | 325135   | 38.90 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.38 | 232  | 68054    | 38.80 | ng    | 97       |
| 59) Diethylphthalate           | 15.55 | 149  | 339179   | 37.36 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.78 | 204  | 148375   | 39.20 | ng    | 93       |
| 61) 4-Nitroaniline             | 15.82 | 138  | 84428    | 38.84 | ng #  | 74       |
| 62) Azobenzene                 | 16.08 | 77   | 269917   | 39.26 | ng    | 86       |
| 64) 4,6-Dinitro-2-methylphenol | 15.88 | 198  | 45445    | 39.82 | ng #  | 81       |
| 65) n-Nitrosodiphenylamine     | 15.99 | 169  | 276145   | 41.47 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.67 | 248  | 91689    | 42.33 | ng    | 94       |
| 67) Hexachlorobenzene          | 16.80 | 284  | 100930   | 39.98 | ng    | 95       |
| 68) Atrazine                   | 16.93 | 200  | 99339    | 40.30 | ng    | 98       |
| 69) Pentachlorophenol          | 17.14 | 266  | 40941    | 39.52 | ng    | 95       |
| 70) Phenanthrene               | 17.53 | 178  | 497835   | 39.65 | ng    | 97       |
| 71) Anthracene                 | 17.63 | 178  | 502474   | 40.35 | ng    | 98       |
| 72) Carbazole                  | 17.90 | 167  | 470751   | 39.91 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.43 | 149  | 617125   | 40.02 | ng    | 98       |
| 74) Fluoranthene               | 19.54 | 202  | 572239   | 39.64 | ng    | 97       |
| 76) Benzidine                  | 19.72 | 184  | 267019   | 44.43 | ng    | 98       |
| 77) Pyrene                     | 19.90 | 202  | 567141   | 39.70 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.76 | 149  | 265581   | 40.08 | ng    | 90       |
| 80) Benzo(a)anthracene         | 21.75 | 228  | 506587   | 39.31 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 146805   | 40.58 | ng    | 99       |
| 82) Chrysene                   | 21.82 | 228  | 486257   | 38.78 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 393672   | 40.41 | ng    | 97       |
| 84) Di-n-octyl phthalate       | 22.86 | 149  | 655582   | 40.53 | ng #  | 85       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.84 | 276  | 576916   | 41.01 | ng #  | 95       |
| 87) Benzo(b)fluoranthene       | 24.08 | 252  | 504787   | 39.85 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 24.08 | 252  | 504787   | 40.48 | ng    | 98       |
| 89) Benzo(a)pyrene             | 24.91 | 252  | 500991   | 41.36 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 28.90 | 278  | 471743   | 41.35 | ng #  | 93       |
| 91) Benzo(g,h,i)perylene       | 30.02 | 276  | 482973   | 40.69 | ng    | 95       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

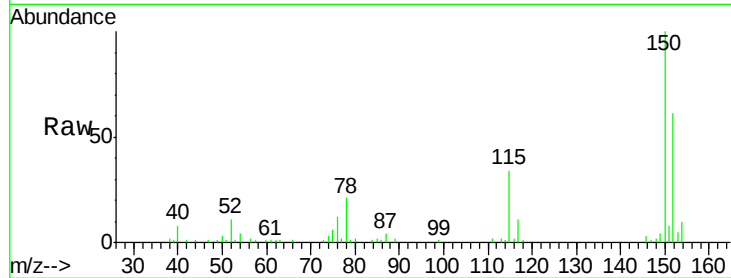
Tgt Ion:152 Resp: 34719

Ion Ratio Lower Upper

152 100

150 164.6 130.1 195.1

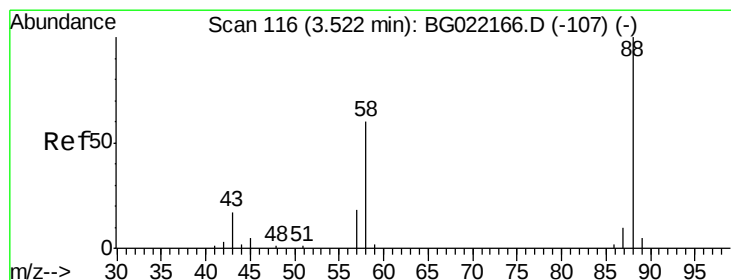
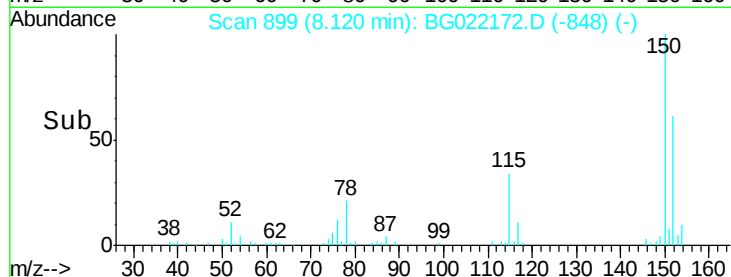
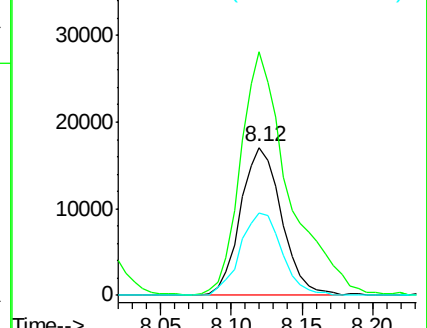
115 55.6 62.2 93.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.69 ng

RT: 3.53 min Scan# 117

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

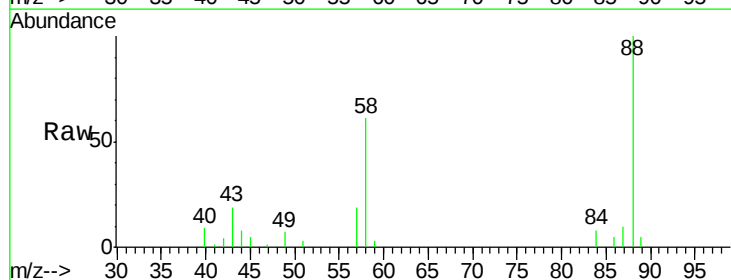
Tgt Ion: 88 Resp: 35899

Ion Ratio Lower Upper

88 100

58 58.1 36.8 55.2#

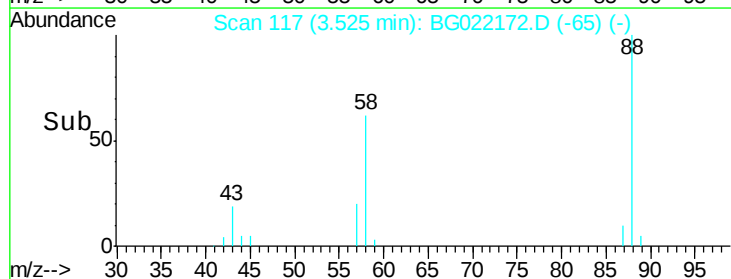
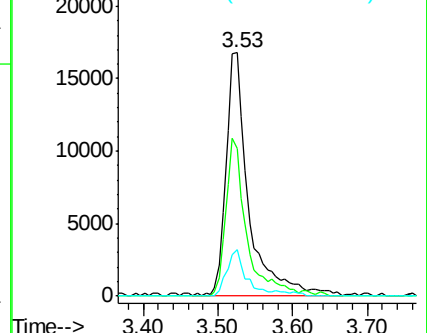
43 17.6 10.4 15.6#

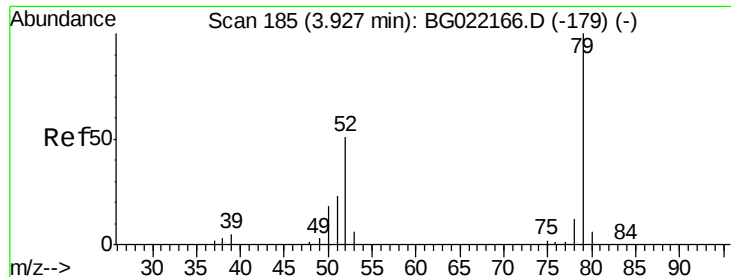


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 41.08 ng

RT: 3.93 min Scan# 186

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

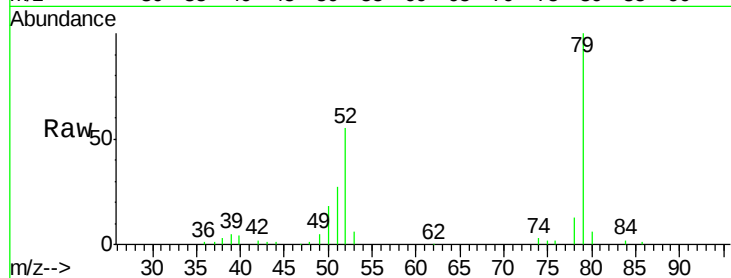
Tgt Ion: 79 Resp: 95593

Ion Ratio Lower Upper

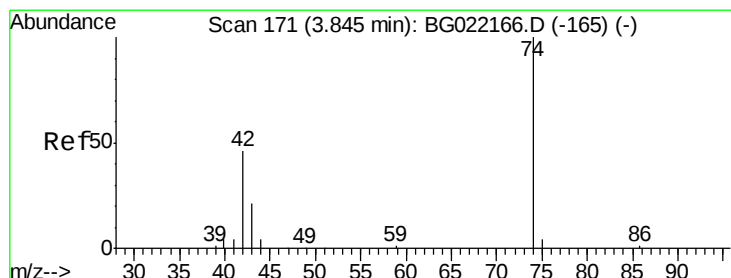
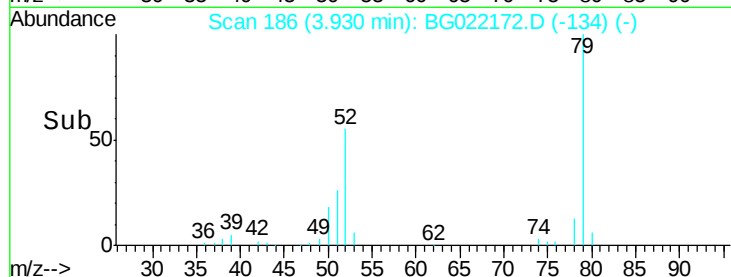
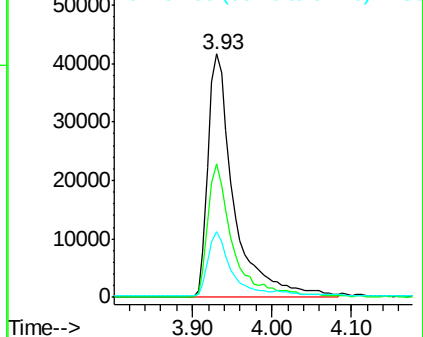
79 100

52 54.8 41.6 62.4

51 27.0 19.2 28.8



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: 43.07 ng

RT: 3.85 min Scan# 172

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

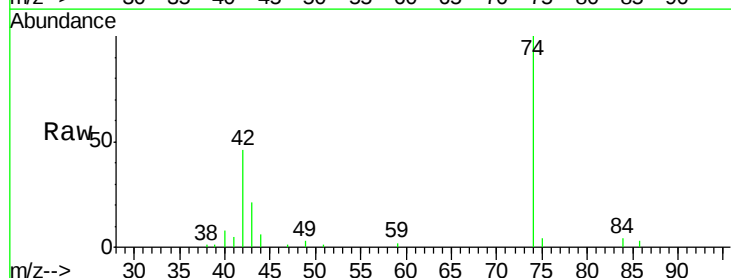
Tgt Ion: 42 Resp: 22406

Ion Ratio Lower Upper

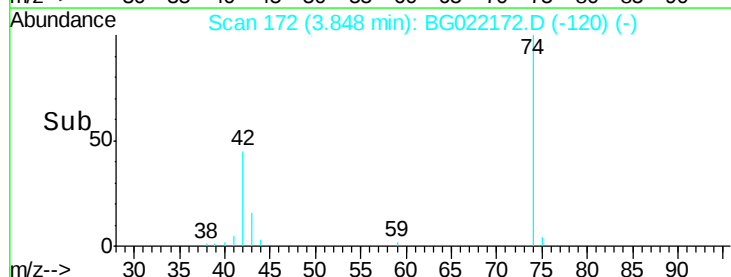
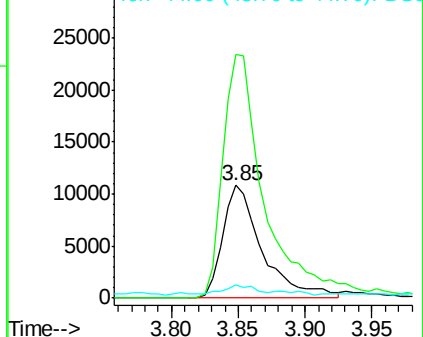
42 100

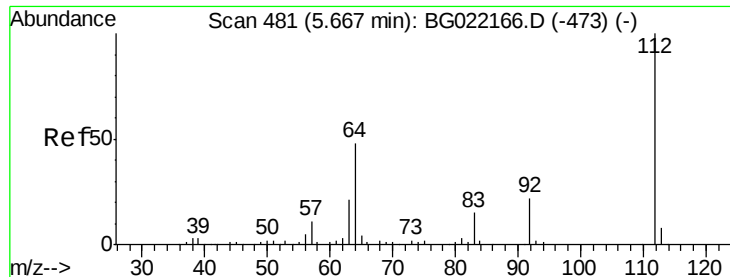
74 216.1 184.0 276.0

44 12.1 11.0 16.6



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 88.03 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

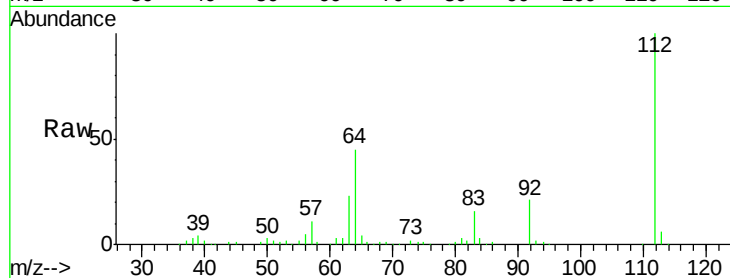
Tgt Ion: 112 Resp: 158077

Ion Ratio Lower Upper

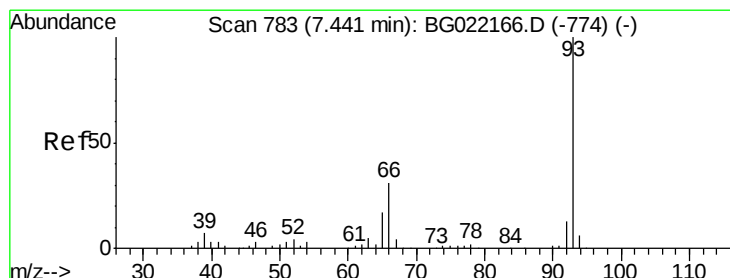
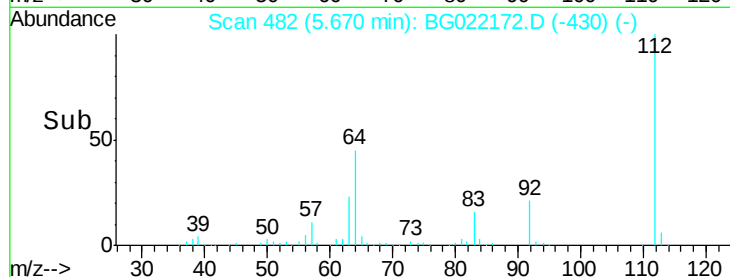
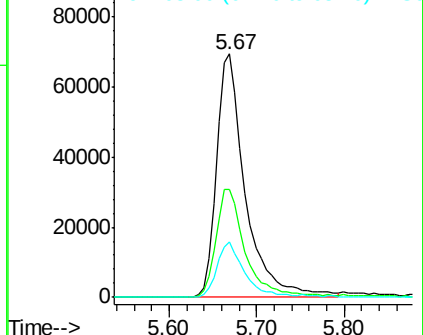
112 100

64 44.6 51.1 76.7#

63 23.0 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.88 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

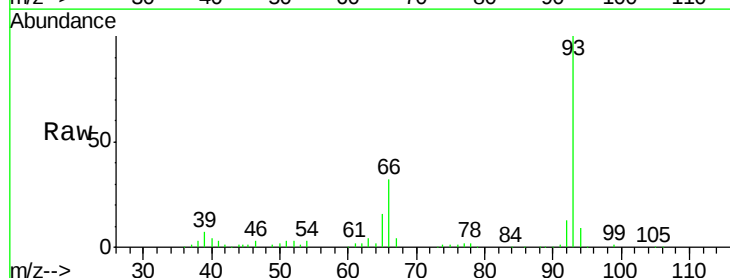
Tgt Ion: 93 Resp: 146629

Ion Ratio Lower Upper

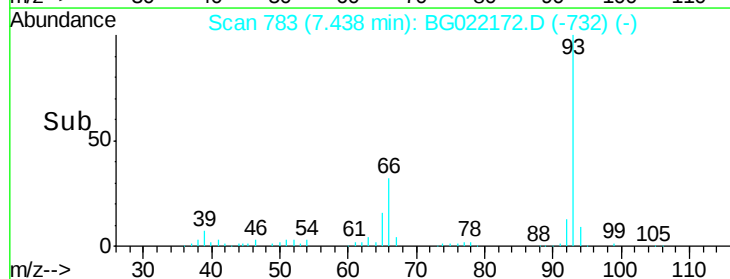
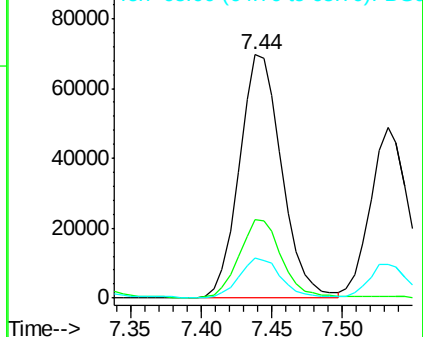
93 100

66 32.3 36.3 54.5#

65 16.2 18.4 27.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.34 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampled :

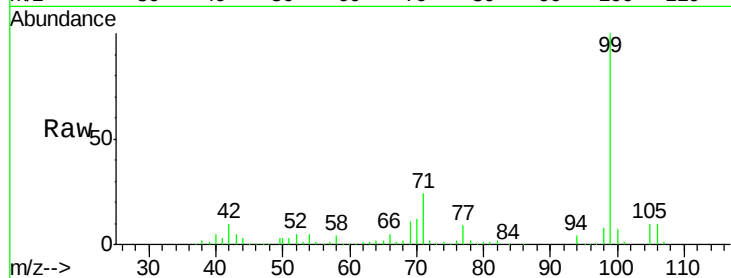
Tgt Ion: 99 Resp: 229645

Ion Ratio Lower Upper

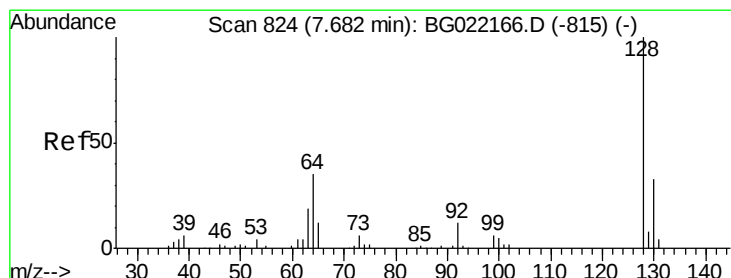
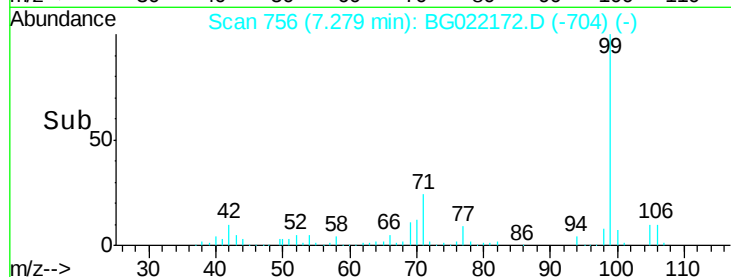
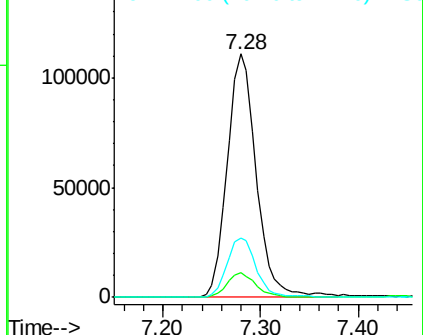
99 100

42 9.9 16.4 24.6#

71 24.3 25.0 37.4#



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



#8

2-Chlorophenol

Concen: 40.23 ng

RT: 7.68 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

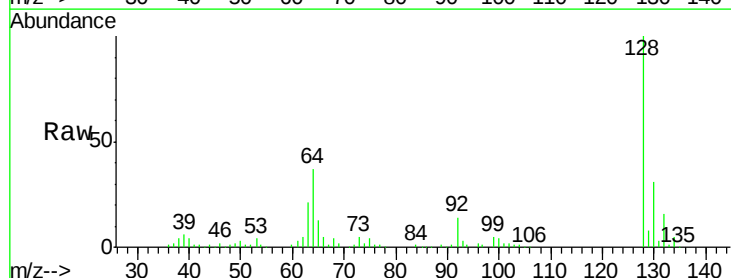
Tgt Ion: 128 Resp: 99845

Ion Ratio Lower Upper

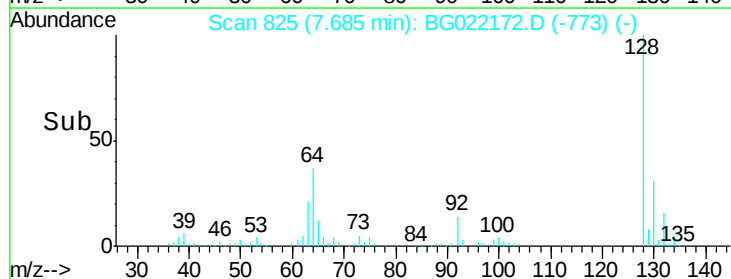
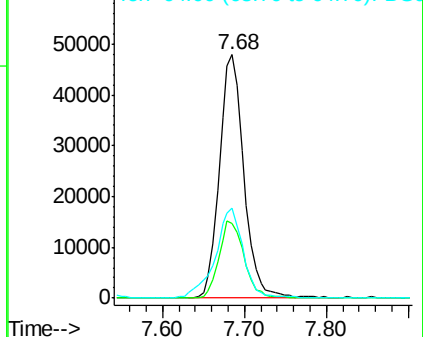
128 100

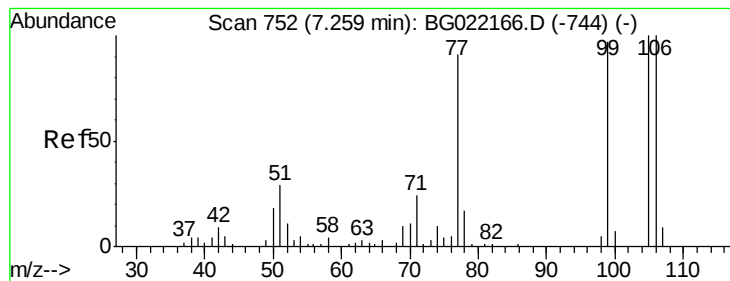
130 30.8 11.2 51.2

64 37.0 39.8 79.8#



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





#9

Benzaldehyde

Concen: 41.66 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

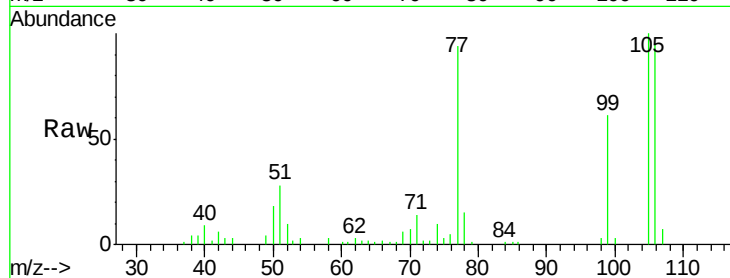
Tgt Ion: 77 Resp: 64742

Ion Ratio Lower Upper

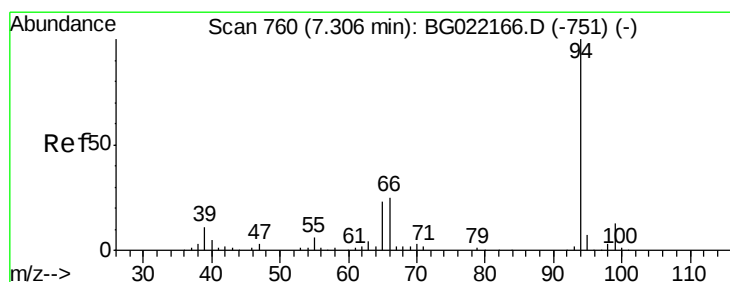
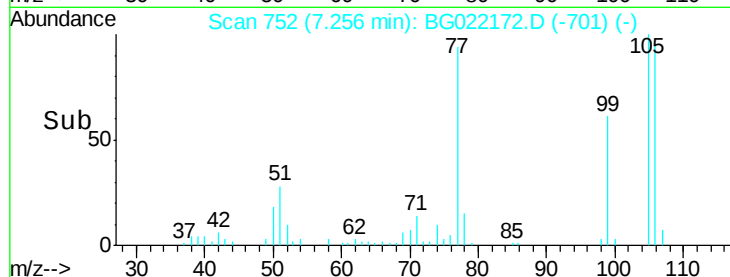
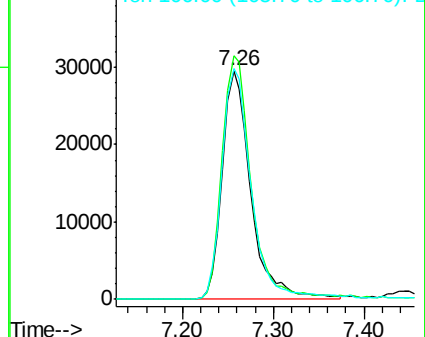
77 100

105 106.7 62.1 102.1#

106 101.2 65.6 105.6



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



#10

Phenol

Concen: 40.70 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

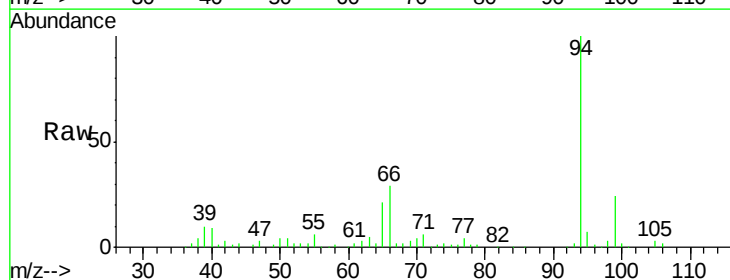
Tgt Ion: 94 Resp: 118474

Ion Ratio Lower Upper

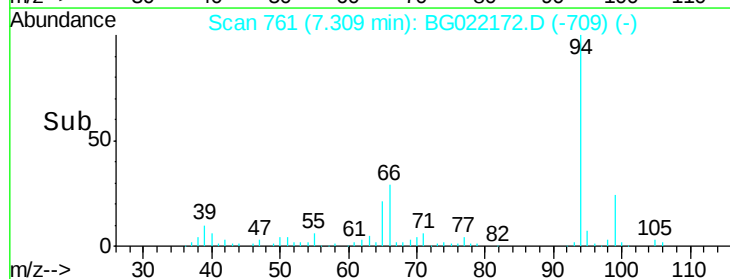
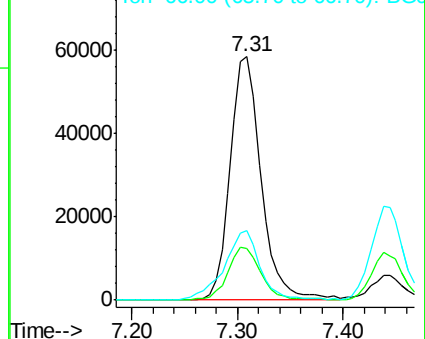
94 100

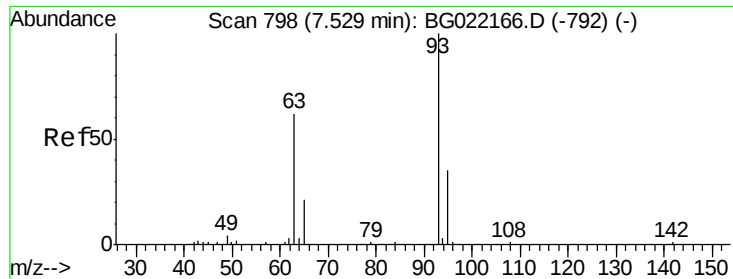
65 21.0 9.8 49.8

66 28.6 20.8 60.8



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.50 ng

RT: 7.53 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

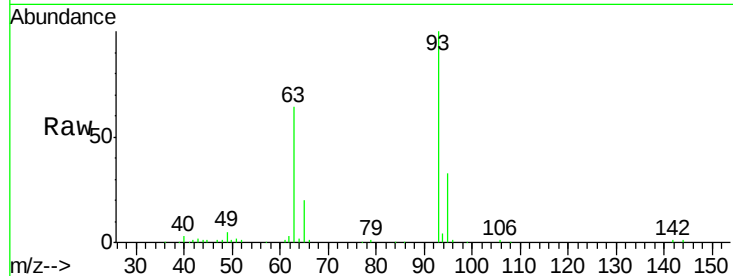
Tgt Ion: 93 Resp: 91683

Ion Ratio Lower Upper

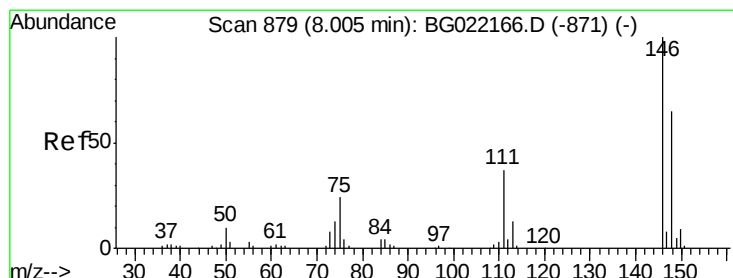
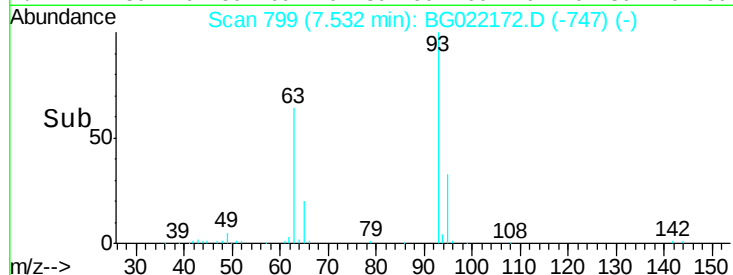
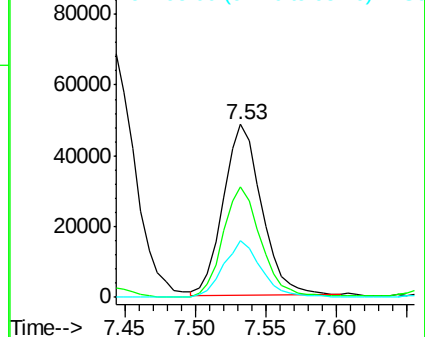
93 100

63 63.5 74.9 114.9#

95 32.7 8.3 48.3



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



#12

1,3-Dichlorobenzene

Concen: 39.74 ng

RT: 8.01 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

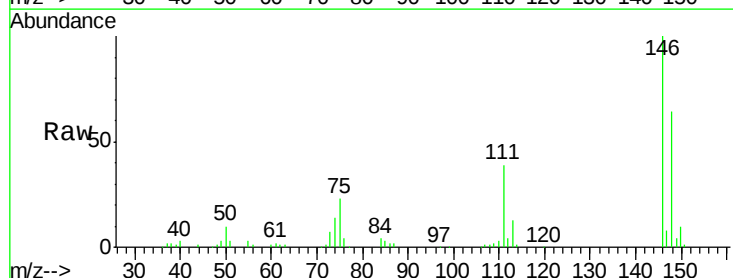
Tgt Ion: 146 Resp: 105720

Ion Ratio Lower Upper

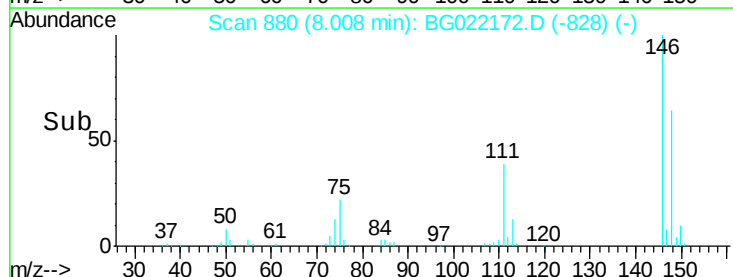
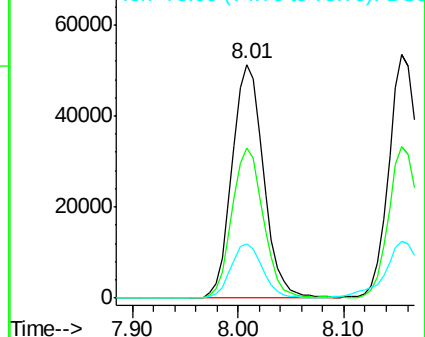
146 100

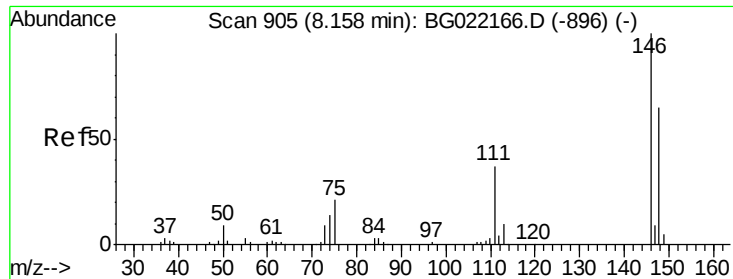
148 64.1 53.7 80.5

75 23.2 27.4 41.0#



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

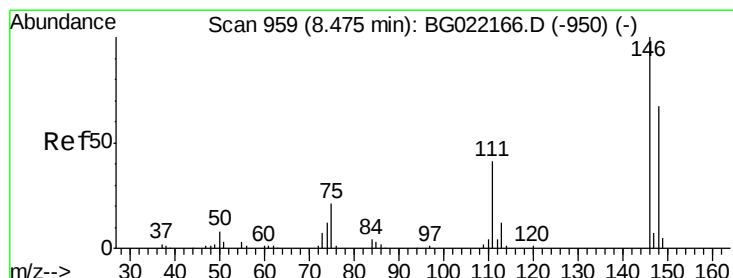
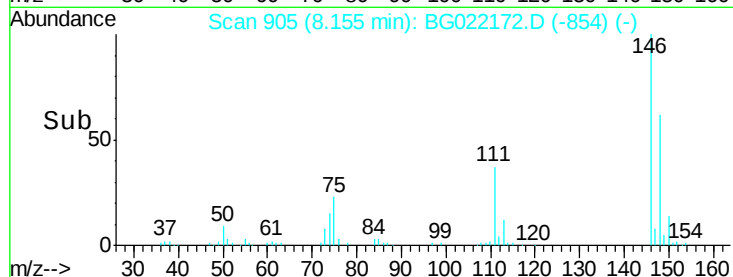
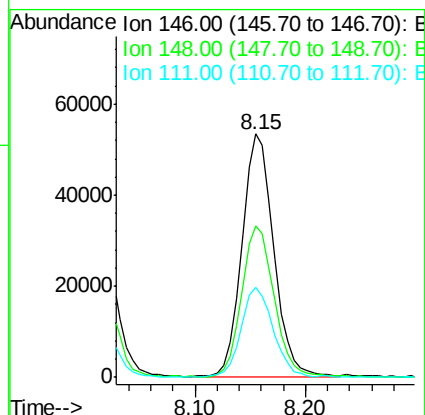
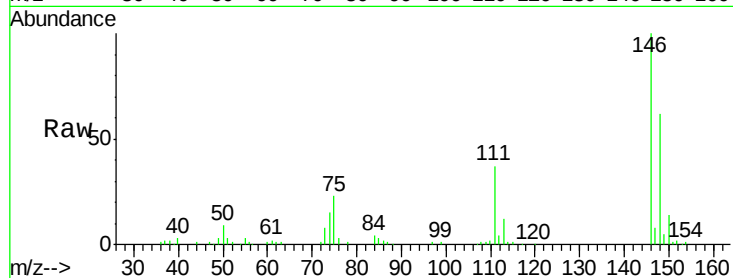




#13  
 1,4-Dichlorobenzene  
 Concen: 40.31 ng  
 RT: 8.15 min Scan# 905  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

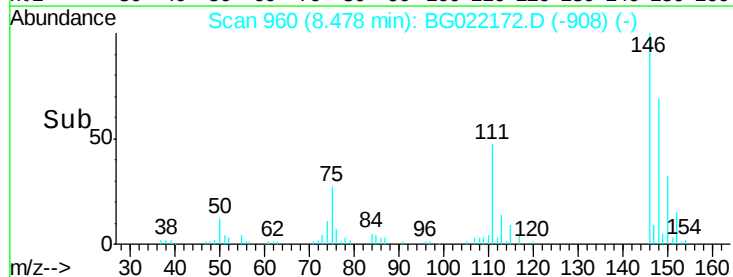
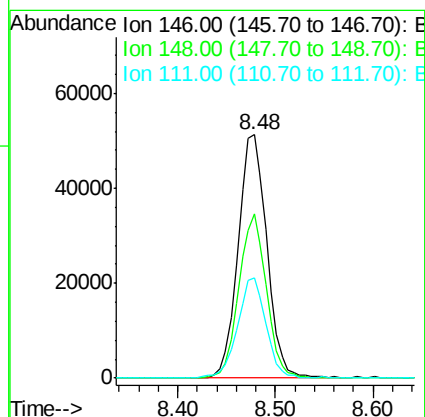
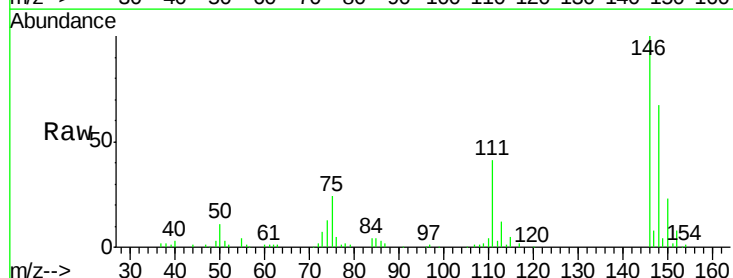
Instrument :  
 BNA\_G  
 ClientSampleId :

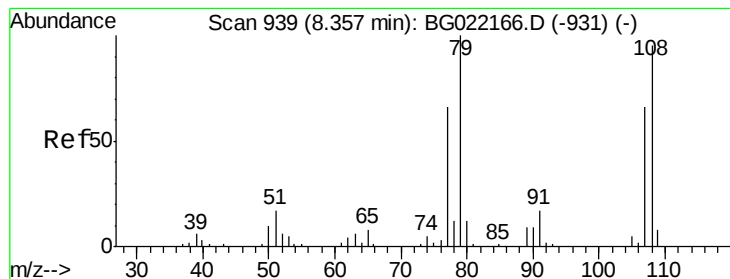
Tgt Ion:146 Resp: 106861  
 Ion Ratio Lower Upper  
 146 100  
 148 62.0 46.7 70.1  
 111 36.7 33.0 49.6



#14  
 1,2-Dichlorobenzene  
 Concen: 39.47 ng  
 RT: 8.48 min Scan# 960  
 Delta R.T. 0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion:146 Resp: 105463  
 Ion Ratio Lower Upper  
 146 100  
 148 67.2 52.6 79.0  
 111 41.1 36.1 54.1





#15

Benzyl Alcohol

Concen: 38.84 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

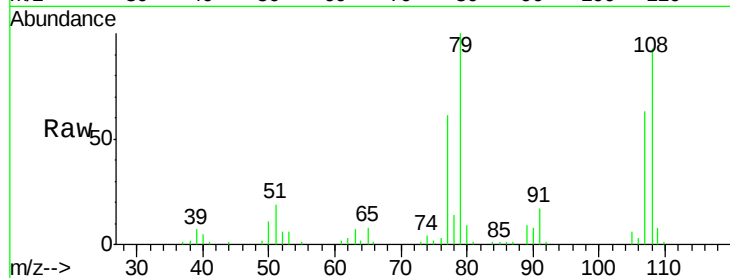
Instrument :

BNA\_G

ClientSampleId :

Tgt Ion: 79 Resp: 70851

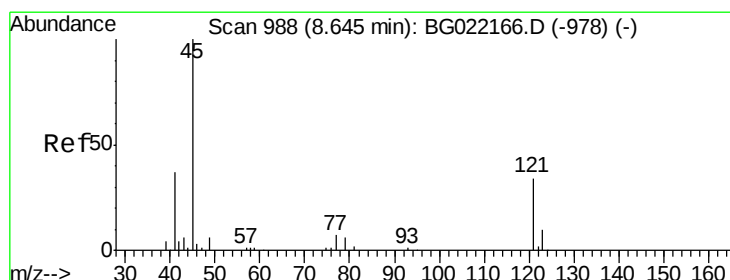
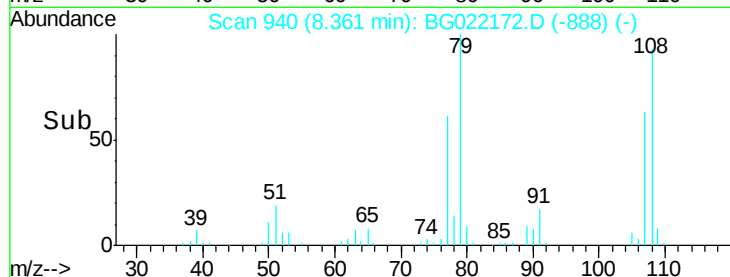
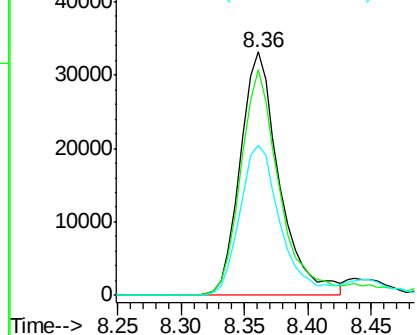
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 92.7  | 59.4  | 89.0# |
| 77  | 61.4  | 52.2  | 78.2  |



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.48 ng

RT: 8.65 min Scan# 989

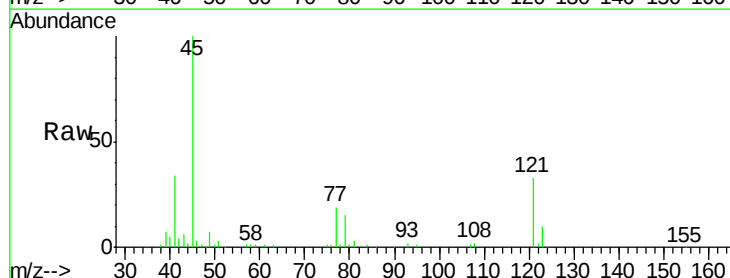
Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Tgt Ion: 45 Resp: 95059

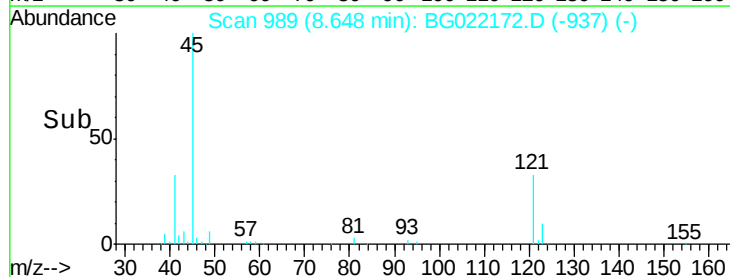
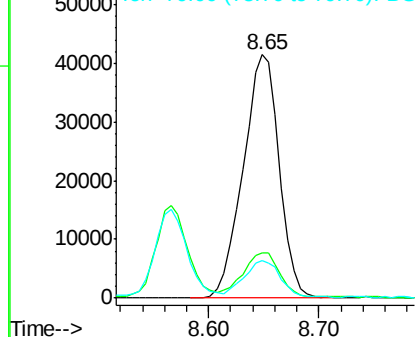
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 18.6  | 0.0   | 31.2  |
| 79  | 15.5  | 0.0   | 29.0  |

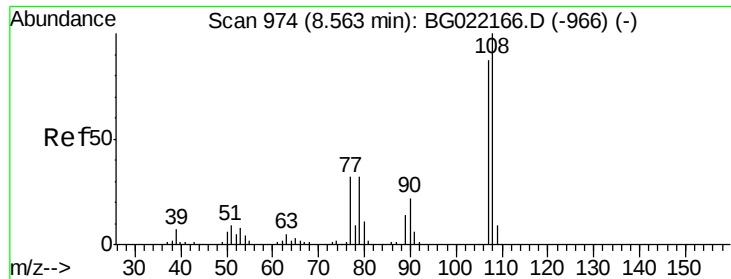


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

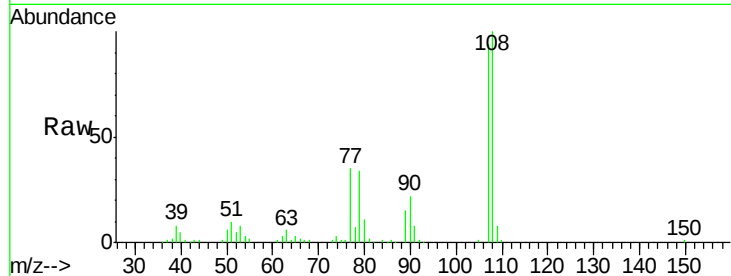




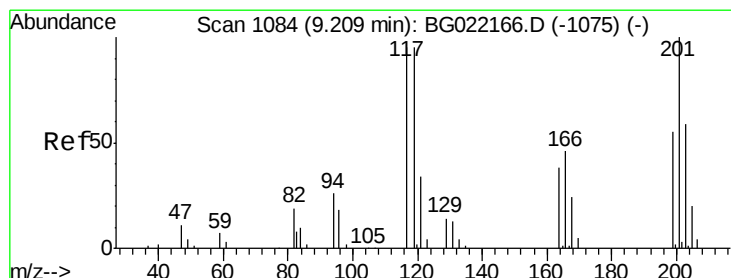
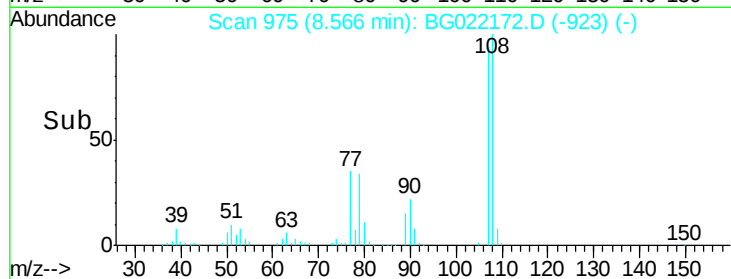
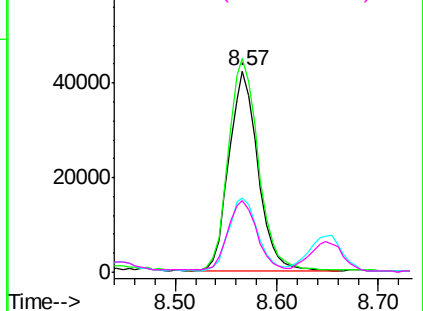
#17  
2-Methylphenol  
Concen: 38.92 ng  
RT: 8.57 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:107 Resp: 84534  
Ion Ratio Lower Upper  
107 100  
108 106.1 80.2 120.4  
77 37.0 40.7 61.1#  
79 35.6 39.8 59.8#

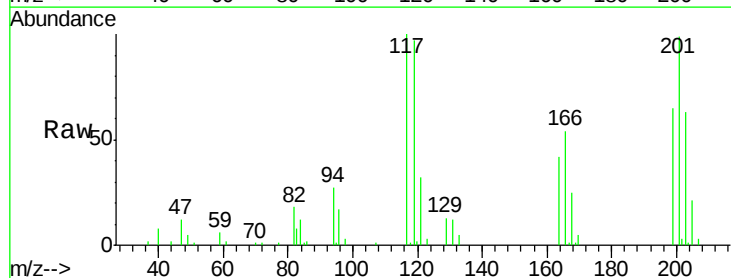


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

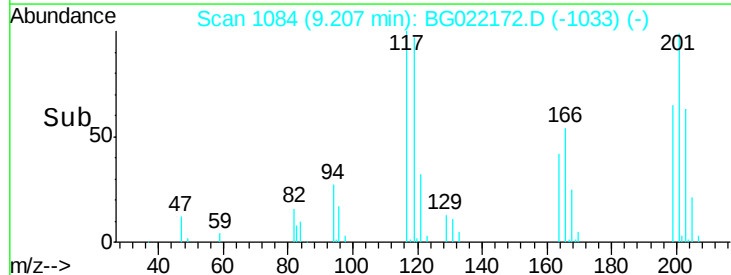
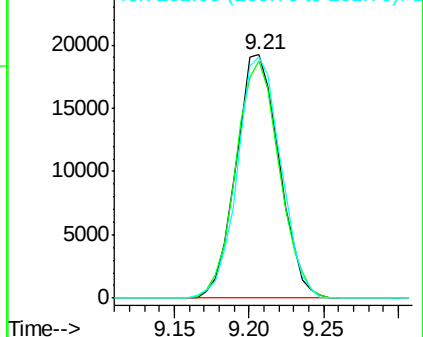


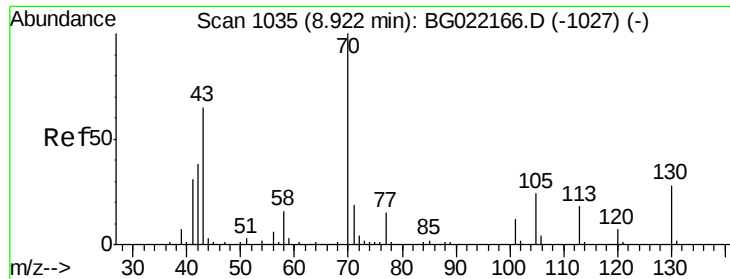
#18  
Hexachloroethane  
Concen: 39.87 ng  
RT: 9.21 min Scan# 1084  
Delta R.T. -0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Tgt Ion:117 Resp: 38587  
Ion Ratio Lower Upper  
117 100  
119 96.3 63.9 95.9#  
201 101.4 61.2 91.8#



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

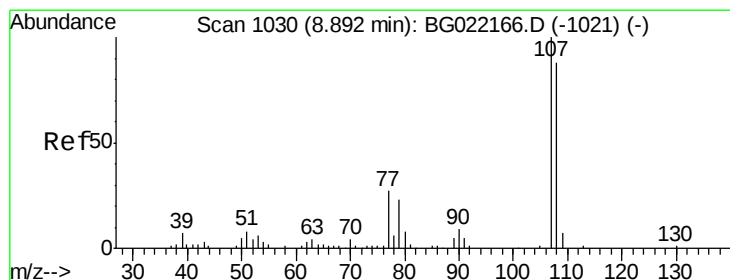
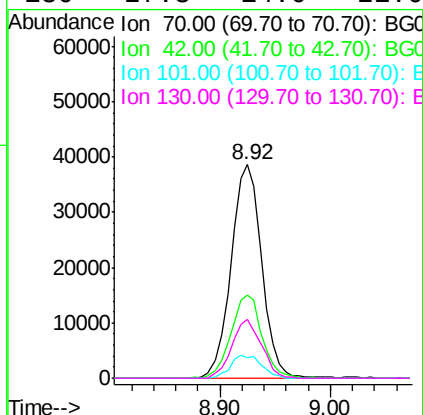
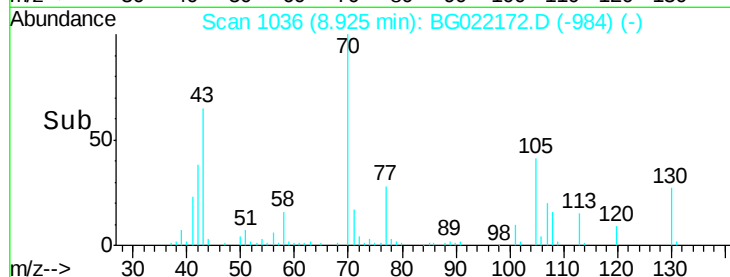
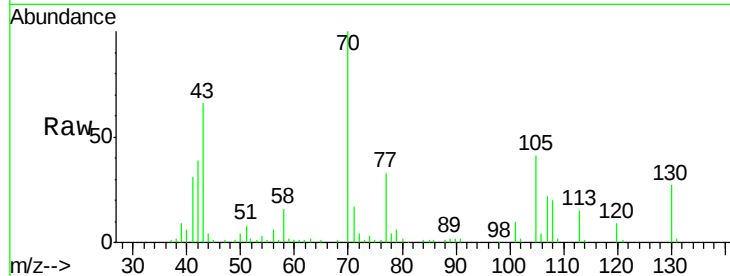




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.26 ng  
RT: 8.92 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

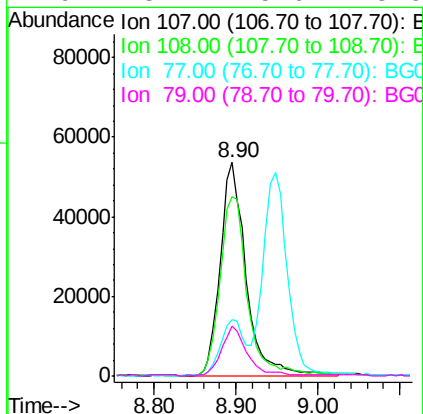
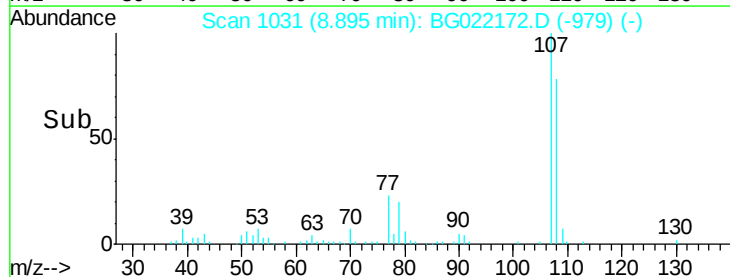
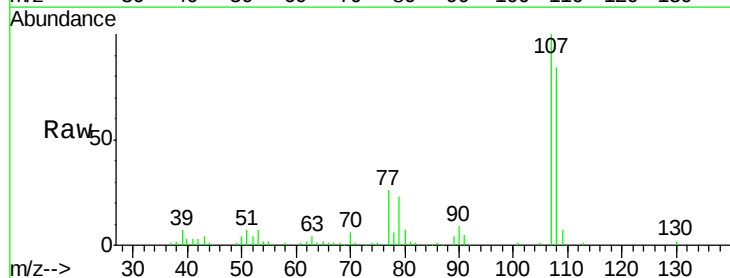
Instrument :  
BNA\_G  
ClientSampleId :

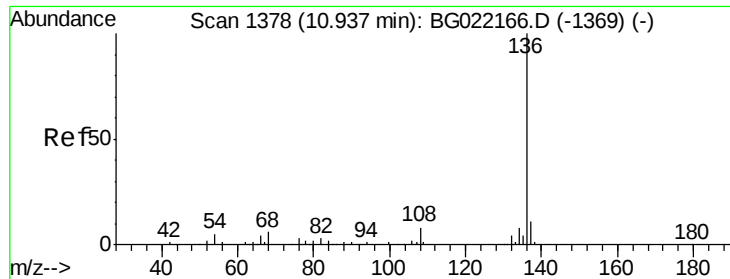
Tgt Ion: 70 Resp: 75035  
Ion Ratio Lower Upper  
70 100  
42 39.0 56.7 85.1#  
101 9.9 8.2 12.4  
130 27.3 14.0 21.0#



#20  
3+4-Methylphenols  
Concen: 38.21 ng  
RT: 8.90 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Tgt Ion: 107 Resp: 119045  
Ion Ratio Lower Upper  
107 100  
108 84.2 66.2 106.2  
77 26.4 11.5 51.5  
79 23.1 5.6 45.6

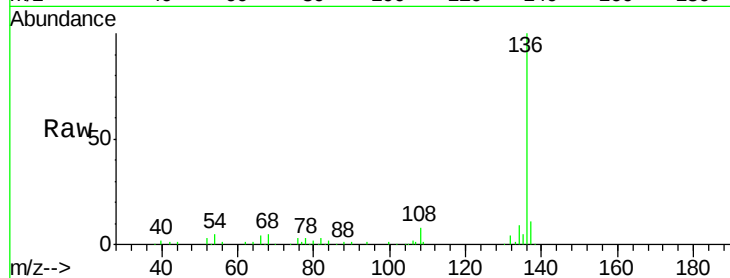




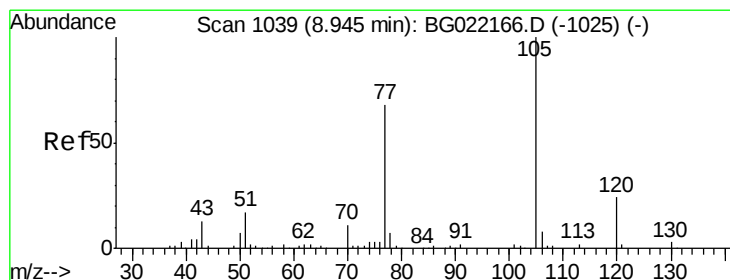
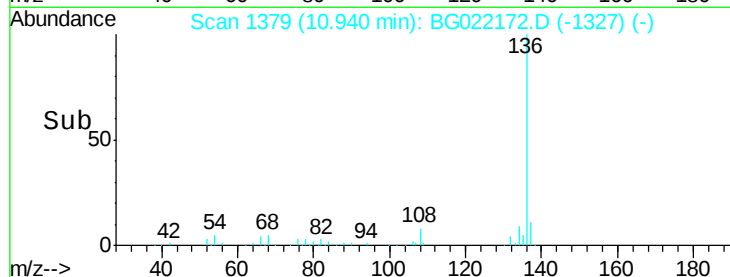
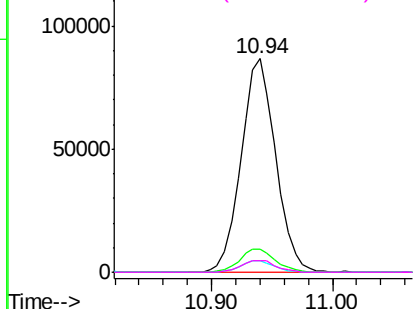
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.94 min Scan# 1379  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 172310 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 9.0   | 13.4   |
| 54       | 5.4   | 9.6   | 14.4#  |
| 68       | 5.2   | 6.4   | 9.6#   |

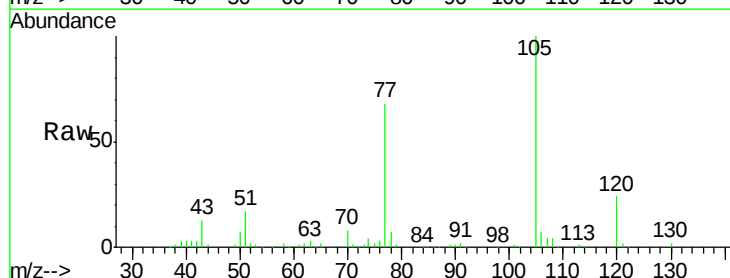


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

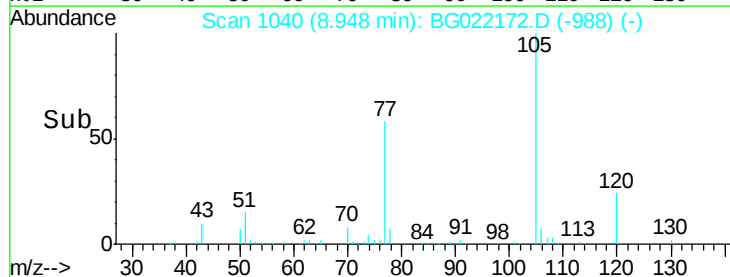
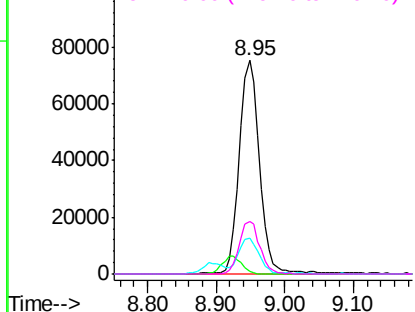


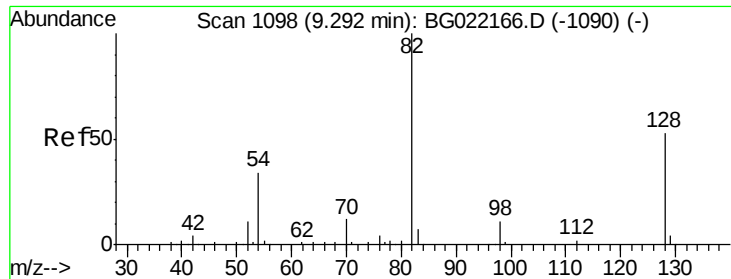
#22  
Acetophenone  
Concen: 41.82 ng  
RT: 8.95 min Scan# 1040  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 155272 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.2   | 0.0   | 0.0#   |
| 51       | 16.7  | 25.7  | 38.5#  |
| 120      | 24.4  | 17.0  | 25.6   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

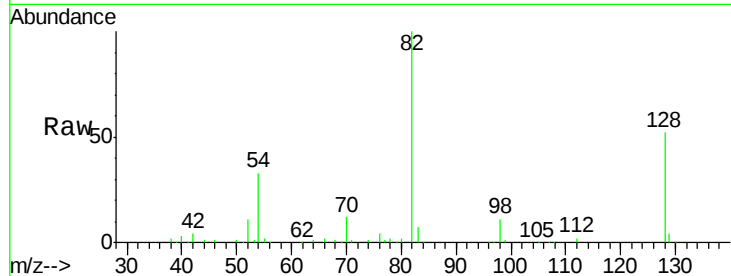




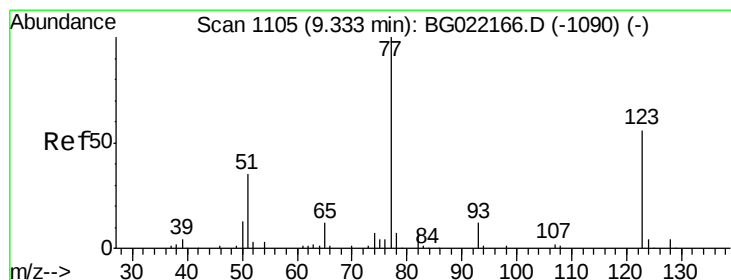
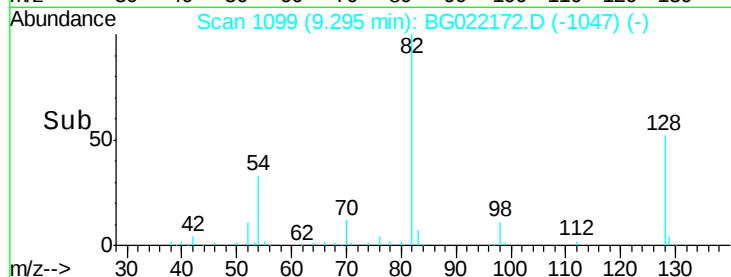
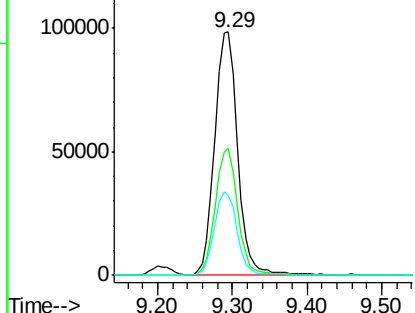
#23  
Nitrobenzene-d5  
Concen: 85.74 ng  
RT: 9.29 min Scan# 1099  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion: 82 Resp: 211915  
Ion Ratio Lower Upper  
82 100  
128 52.5 33.4 50.0#  
54 32.7 46.1 69.1#

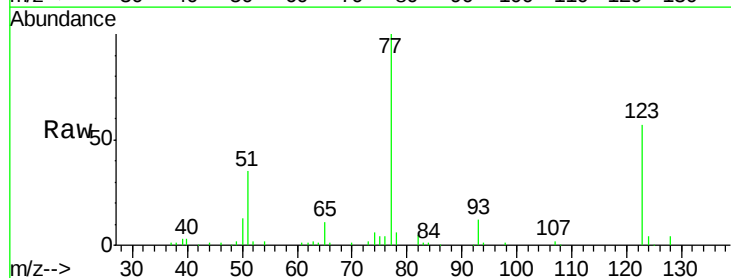


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

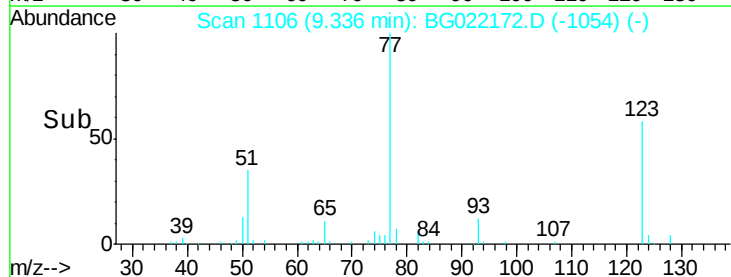
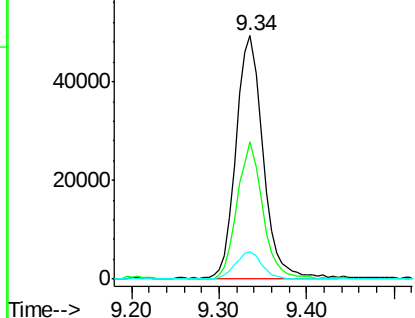


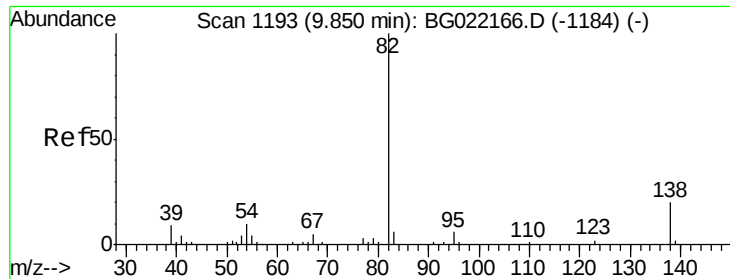
#24  
Nitrobenzene  
Concen: 41.10 ng  
RT: 9.34 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Tgt Ion: 77 Resp: 102150  
Ion Ratio Lower Upper  
77 100  
123 56.6 32.2 48.4#  
65 11.2 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.79 ng

RT: 9.85 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

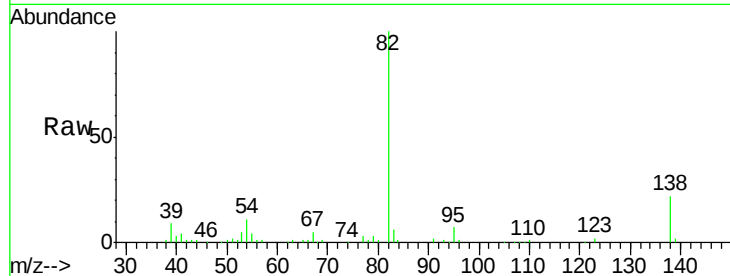
Tgt Ion: 82 Resp: 218505

Ion Ratio Lower Upper

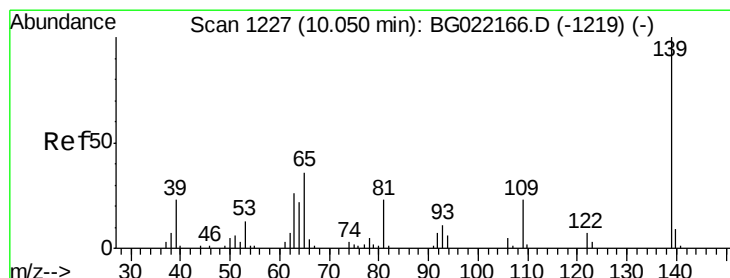
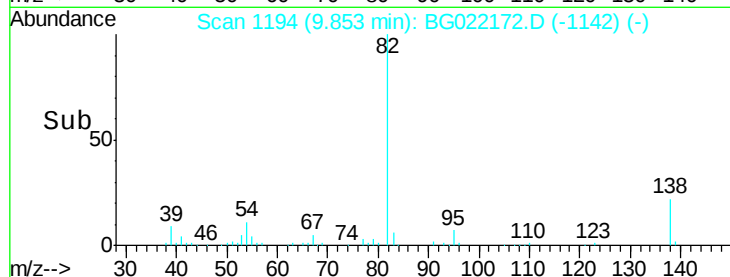
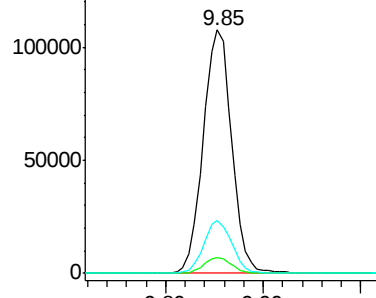
82 100

95 6.5 6.0 9.0

138 21.6 13.4 20.0#



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



#26

2-Nitrophenol

Concen: 42.79 ng

RT: 10.05 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

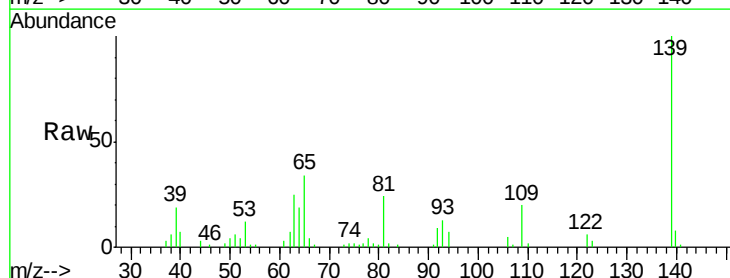
Tgt Ion: 139 Resp: 57664

Ion Ratio Lower Upper

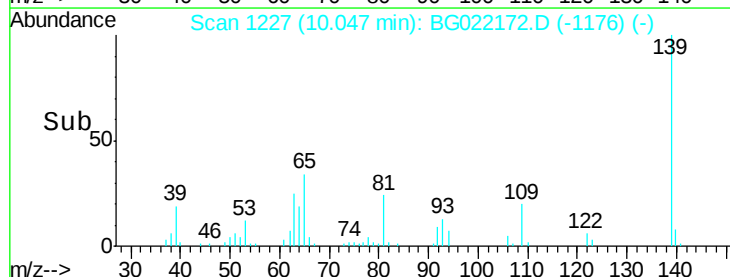
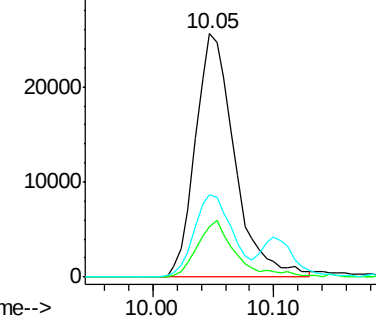
139 100

109 20.4 26.6 40.0#

65 33.9 45.3 67.9#



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

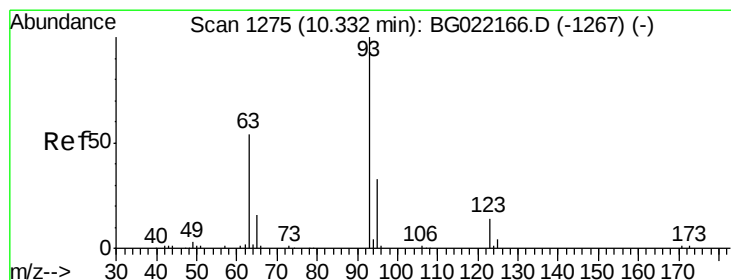
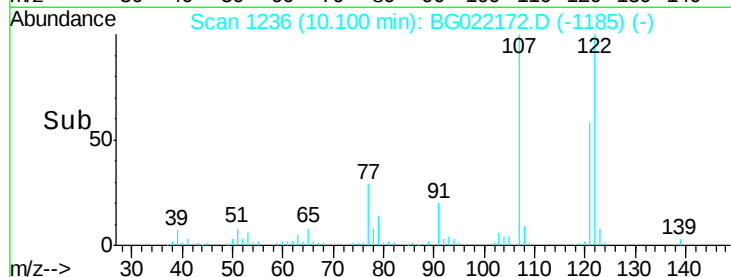
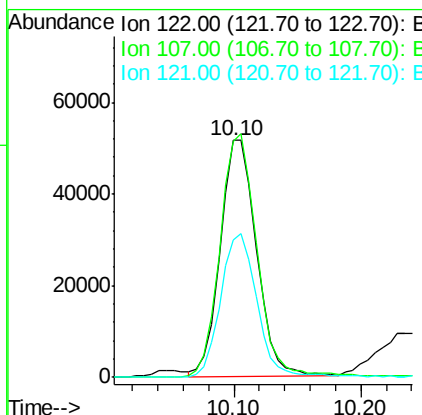
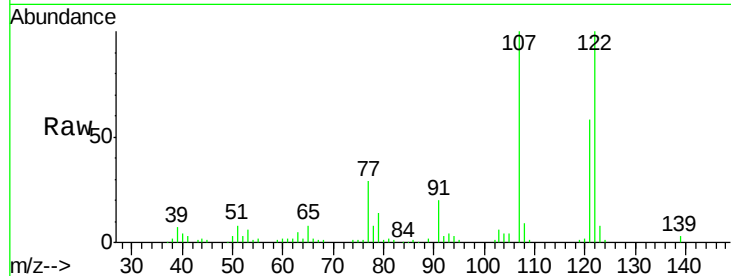




#27  
2,4-Dimethylphenol  
Concen: 41.47 ng  
RT: 10.10 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

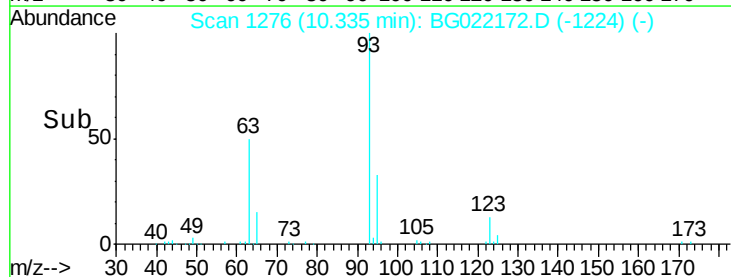
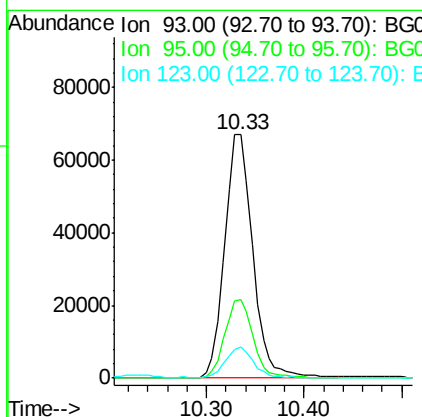
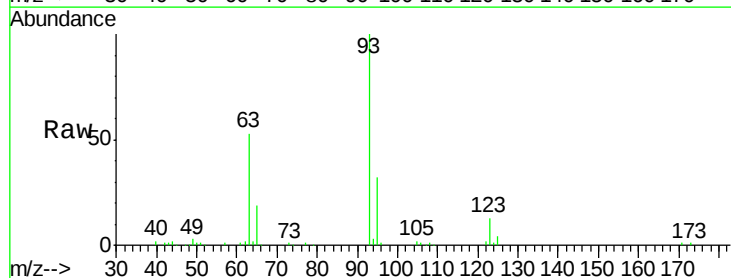
Instrument :  
BNA\_G  
ClientSampleId :

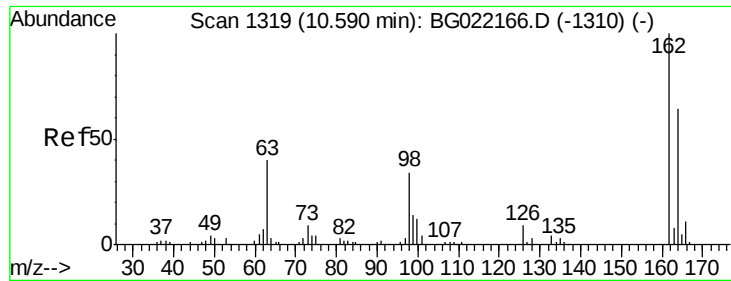
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 99.6  | 97.2  | 145.8 |
| 121     | 58.0  | 49.0  | 73.4  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.59 ng  
RT: 10.33 min Scan# 1276  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 30.1  | 45.1  |
| 123     | 12.8  | 10.2  | 15.4  |

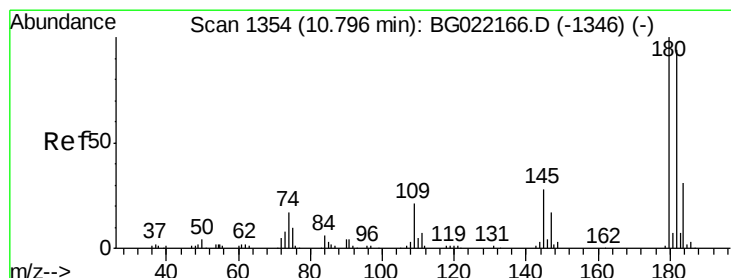
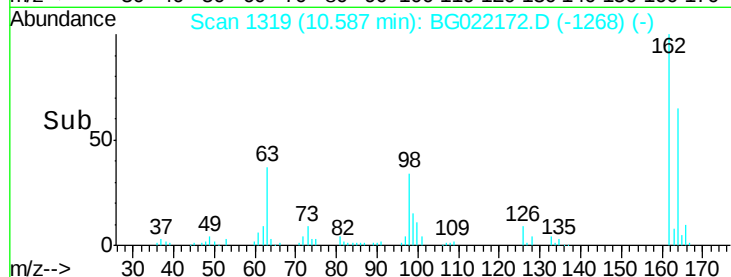
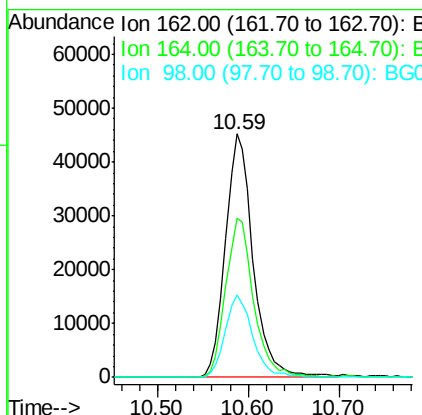
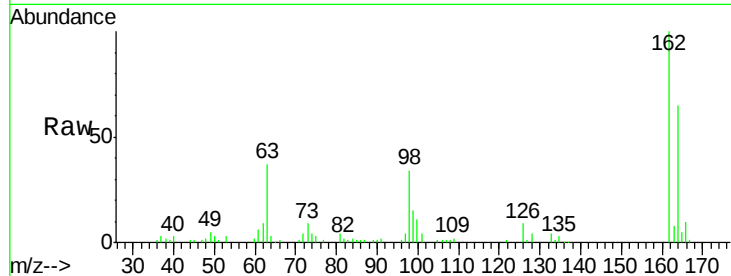




#29  
 2,4-Dichlorophenol  
 Concen: 42.40 ng  
 RT: 10.59 min Scan# 1319  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

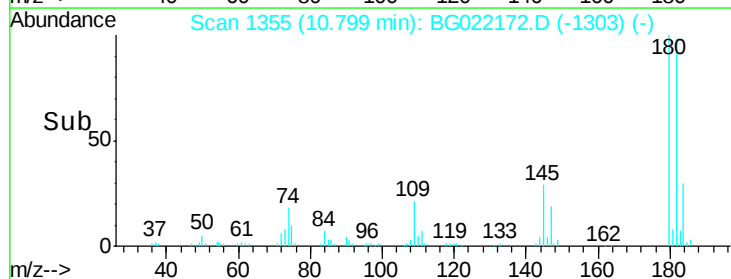
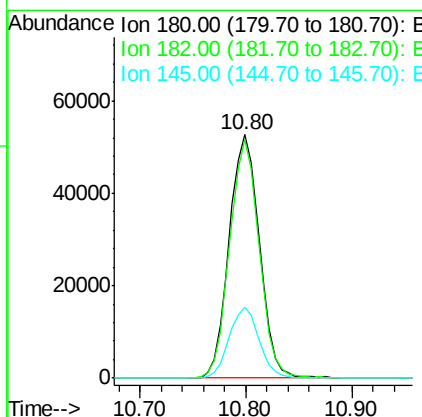
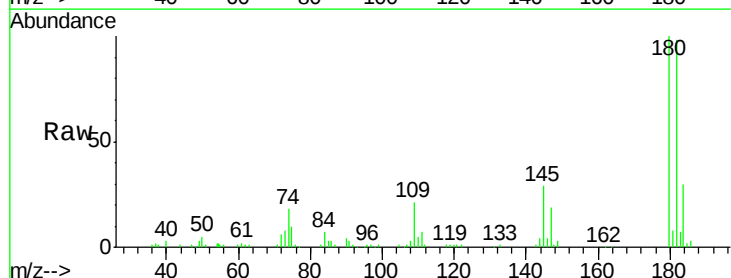
Instrument :  
 BNA\_G  
 ClientSampleId :

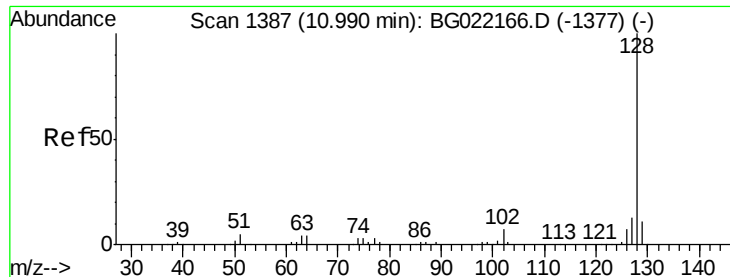
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.2  | 44.9  | 84.9  |
| 98      | 34.1  | 19.2  | 59.2  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.26 ng  
 RT: 10.80 min Scan# 1355  
 Delta R.T. 0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.2  | 82.3  | 123.5 |
| 145     | 29.3  | 24.4  | 36.6  |

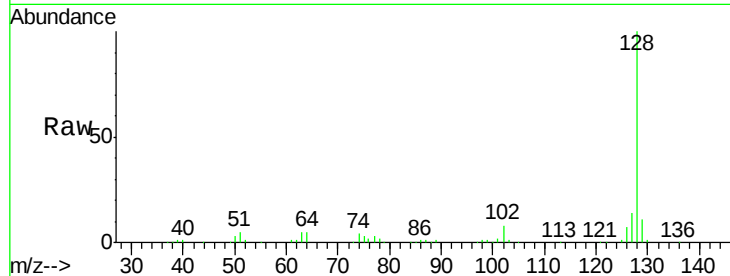




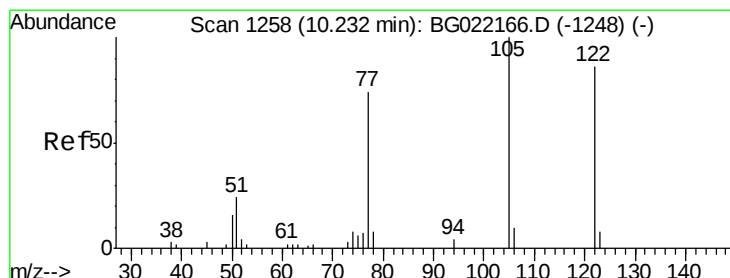
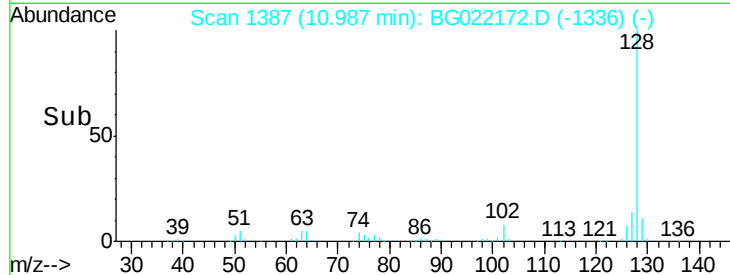
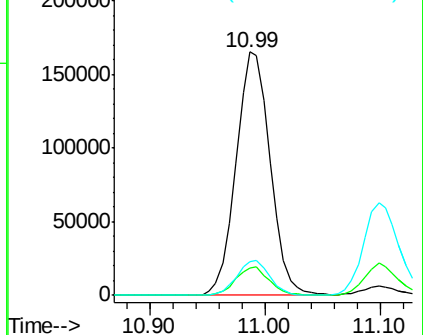
#31  
Naphthalene  
Concen: 39.25 ng  
RT: 10.99 min Scan# 1387  
Delta R.T. -0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:128 Resp: 337612  
Ion Ratio Lower Upper  
128 100  
129 11.2 7.0 10.6#  
127 13.8 10.1 15.1

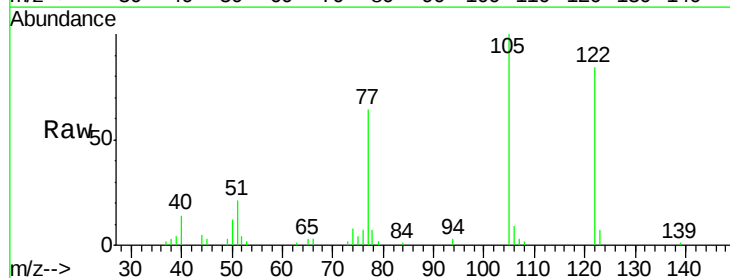


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

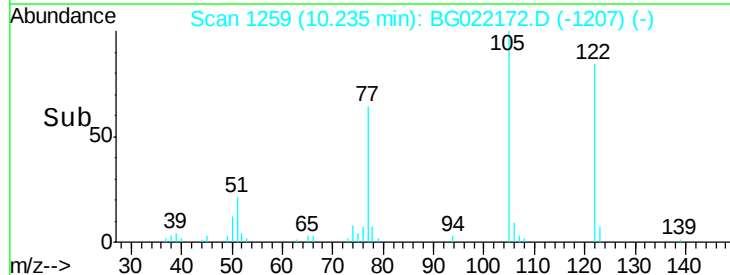
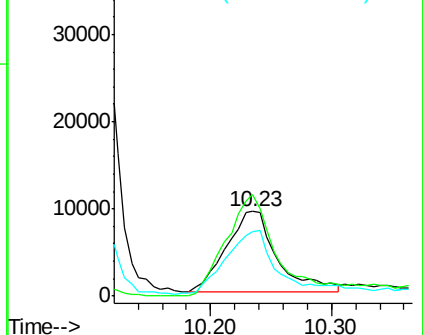


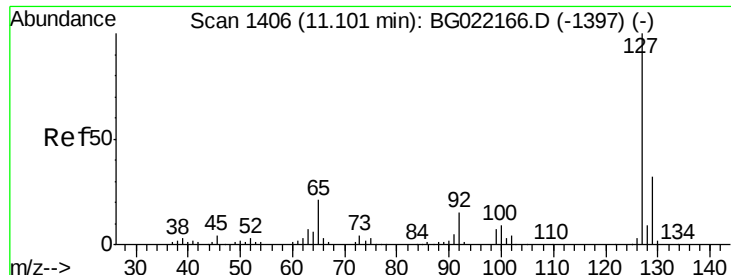
#32  
Benzoic acid  
Concen: 36.90 ng  
RT: 10.23 min Scan# 1259  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Tgt Ion:122 Resp: 27056  
Ion Ratio Lower Upper  
122 100  
105 119.5 104.5 144.5  
77 76.2 79.9 119.9#



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

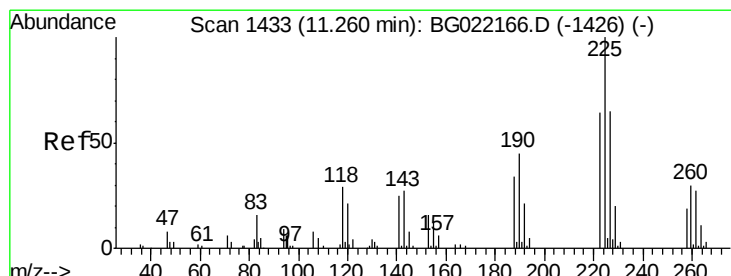
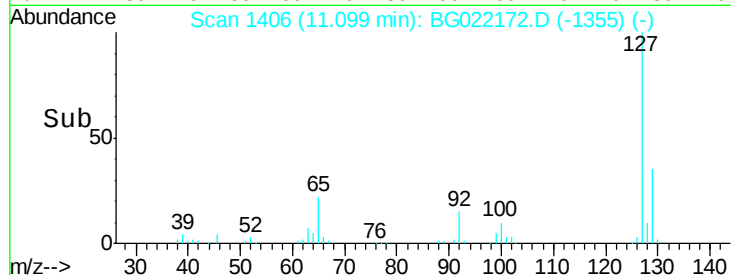
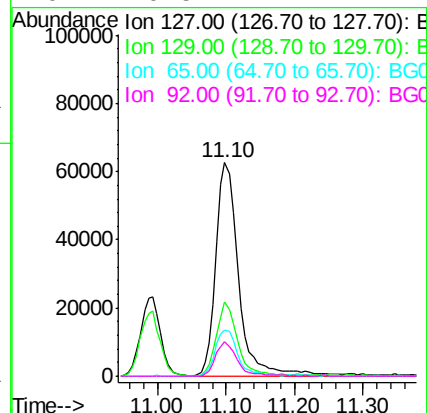
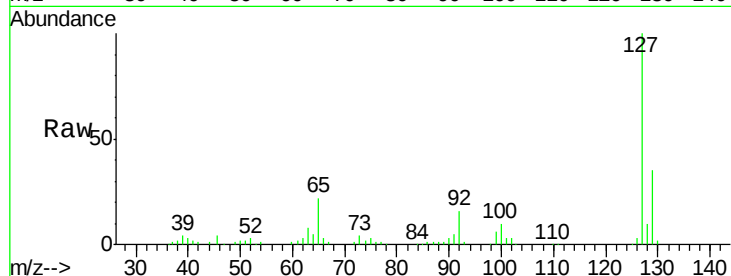




#33  
4-Chloroaniline  
Concen: 40.95 ng  
RT: 11.10 min Scan# 1406  
Delta R.T. -0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

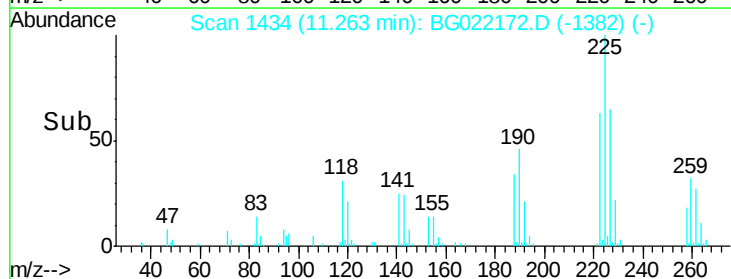
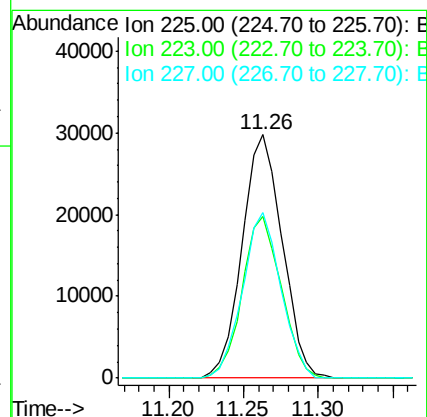
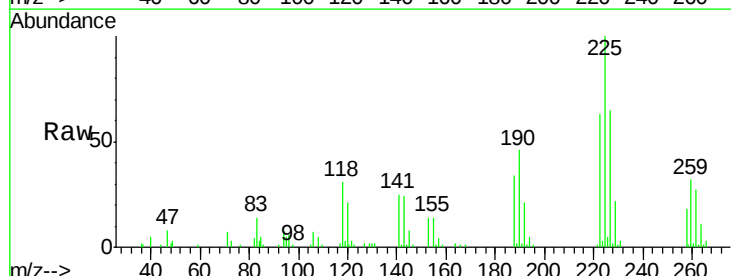
Instrument :  
BNA\_G  
ClientSampleId :

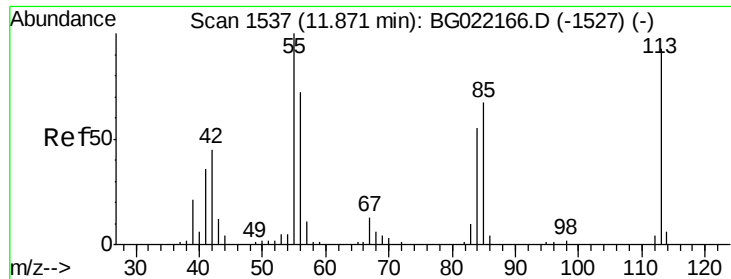
Tgt Ion:127 Resp: 146438  
Ion Ratio Lower Upper  
127 100  
129 34.9 26.6 39.8  
65 21.5 27.5 41.3#  
92 16.5 14.7 22.1



#34  
Hexachlorobutadiene  
Concen: 40.86 ng  
RT: 11.26 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Tgt Ion:225 Resp: 55386  
Ion Ratio Lower Upper  
225 100  
223 66.6 52.7 79.1  
227 67.8 49.7 74.5

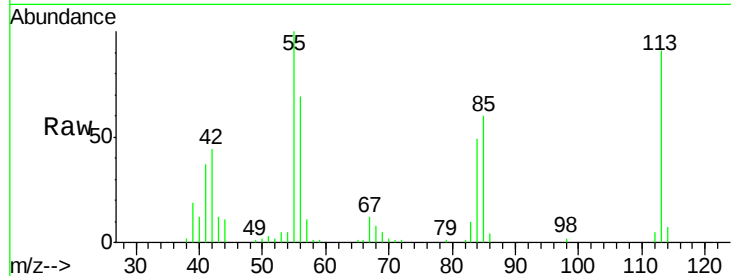




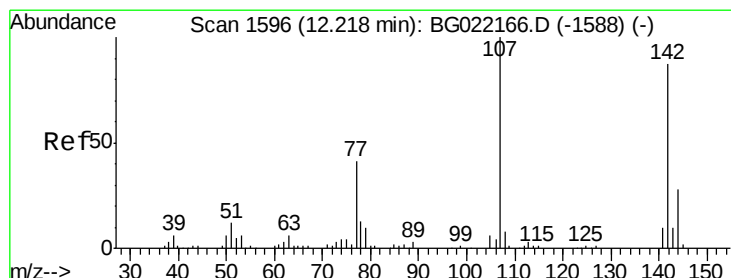
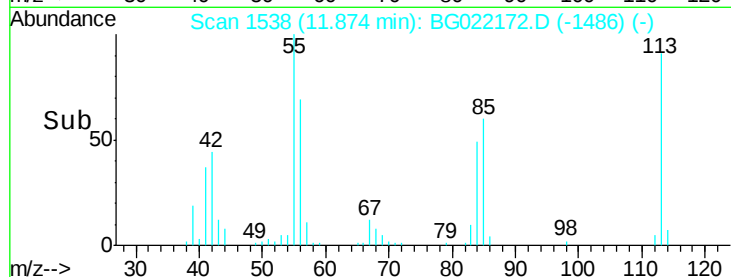
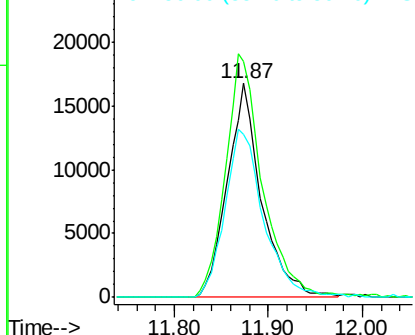
#35  
 Caprolactam  
 Concen: 34.29 ng  
 RT: 11.87 min Scan# 1538  
 Delta R.T. 0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:113 Resp: 42508  
 Ion Ratio Lower Upper  
 113 100  
 55 110.3 194.2 234.2#  
 56 76.4 122.6 162.6#

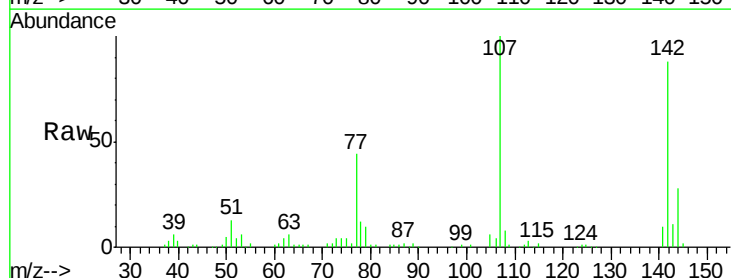


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BGO  
 Ion 56.00 (55.70 to 56.70): BGO

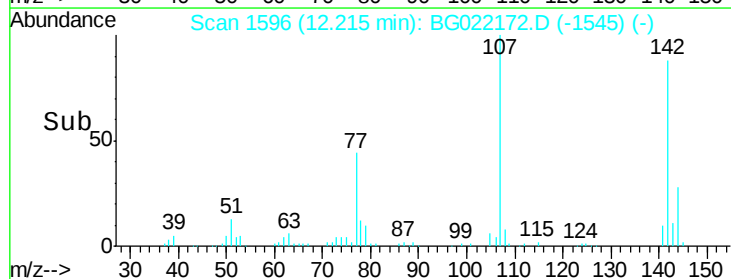
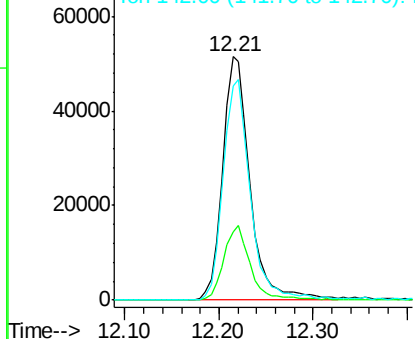


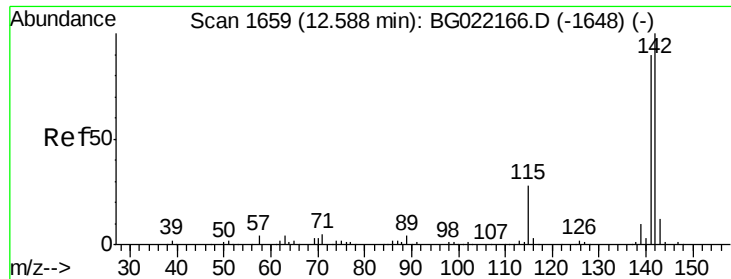
#36  
 4-Chloro-3-methylphenol  
 Concen: 38.84 ng  
 RT: 12.21 min Scan# 1596  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion:107 Resp: 104047  
 Ion Ratio Lower Upper  
 107 100  
 144 28.2 19.2 28.8  
 142 87.8 59.1 88.7



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

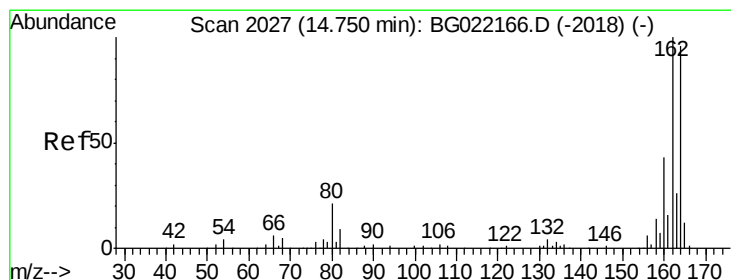
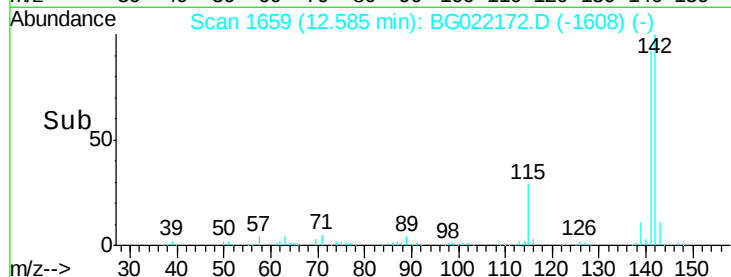
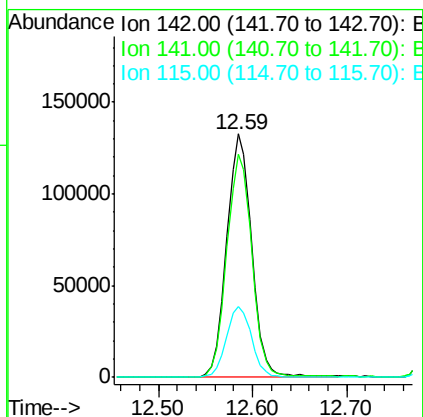
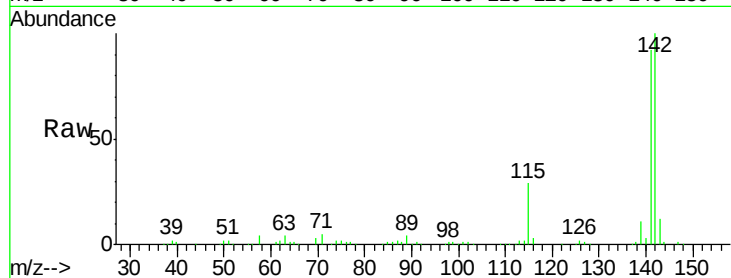




#37  
 2-Methylnaphthalene  
 Concen: 38.72 ng  
 RT: 12.59 min Scan# 1659  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

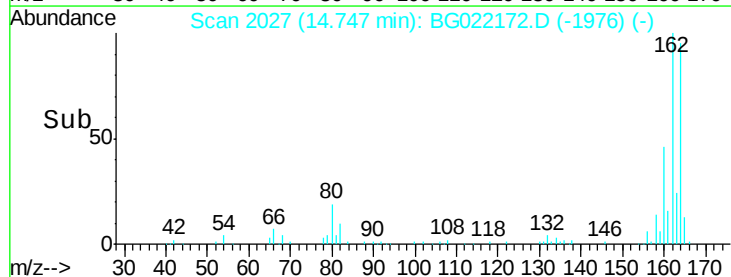
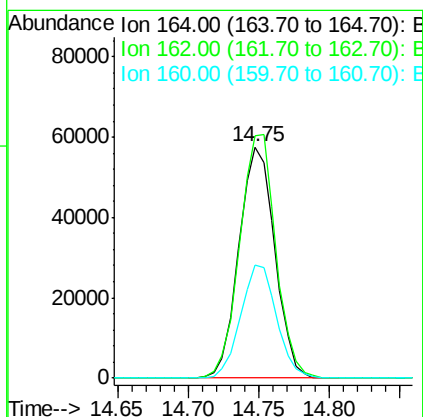
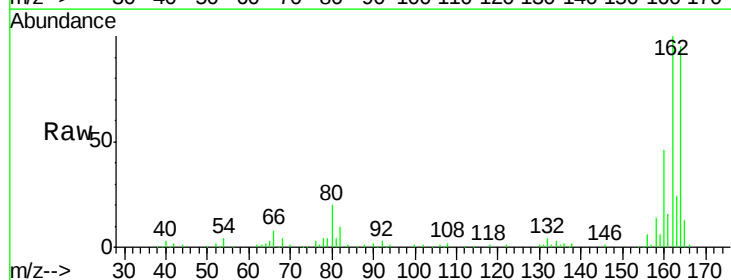
Instrument :  
 BNA\_G  
 ClientSampleId :

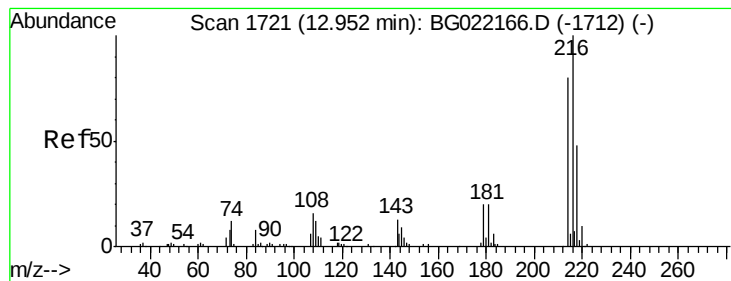
Tgt Ion:142 Resp: 245834  
 Ion Ratio Lower Upper  
 142 100  
 141 91.5 71.4 107.0  
 115 29.1 27.4 41.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.75 min Scan# 2027  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion:164 Resp: 102510  
 Ion Ratio Lower Upper  
 164 100  
 162 105.1 78.0 117.0  
 160 48.8 32.9 49.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.44 ng

RT: 12.95 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

Tgt Ion:216 Resp: 111979

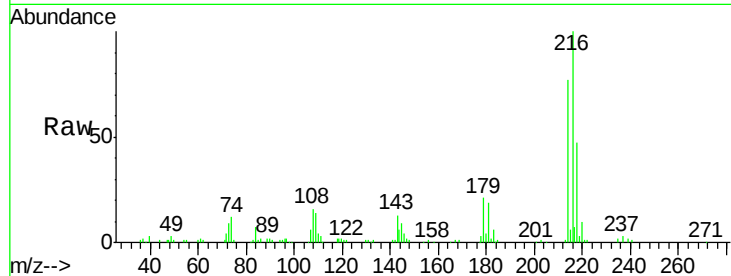
Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.2

179 20.7 16.7 25.1

108 17.6 14.0 21.0

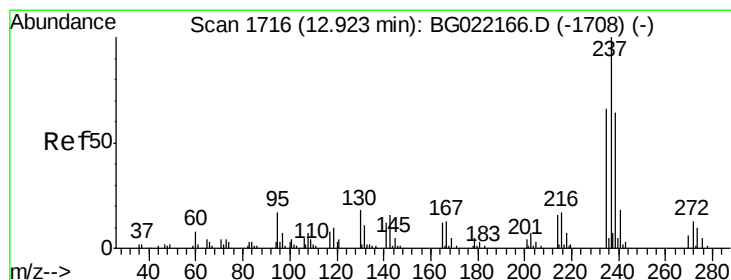
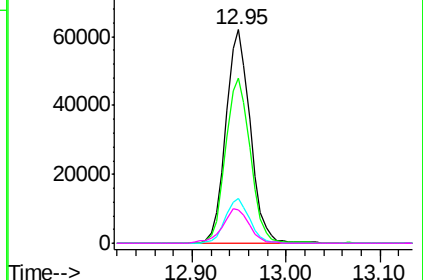
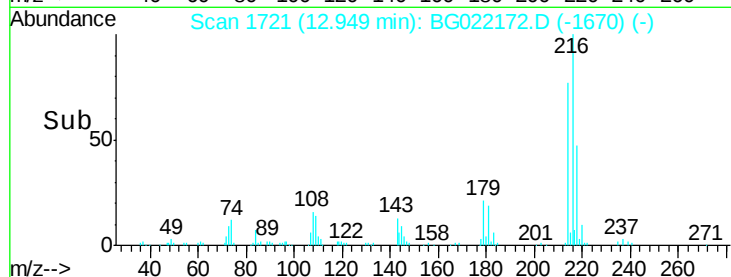


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.19 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

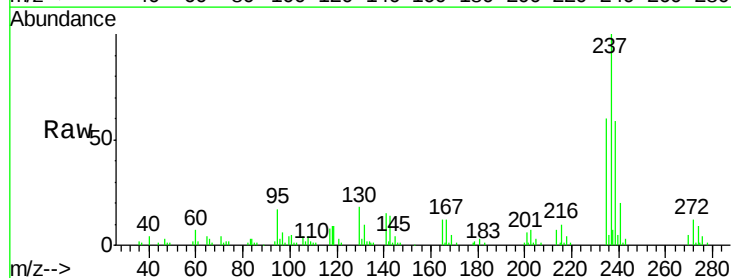
Tgt Ion:237 Resp: 53264

Ion Ratio Lower Upper

237 100

235 59.5 43.2 83.2

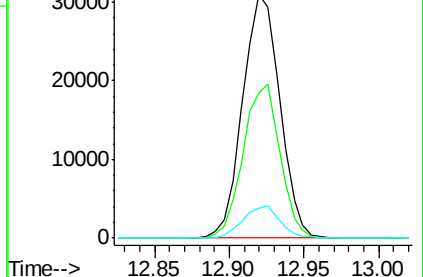
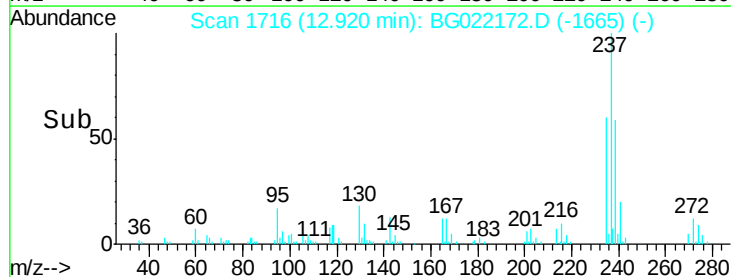
272 12.4 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

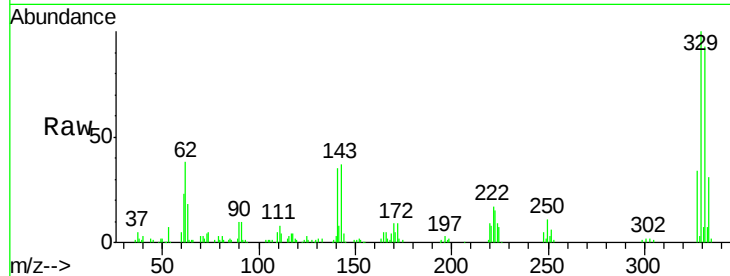




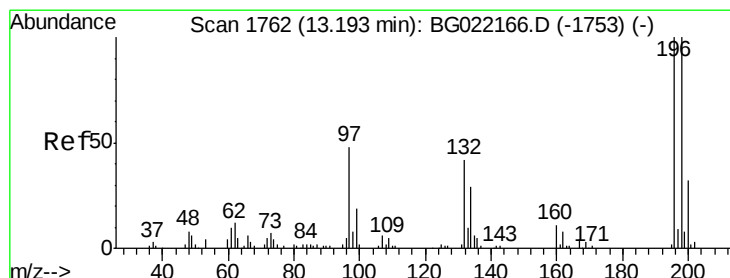
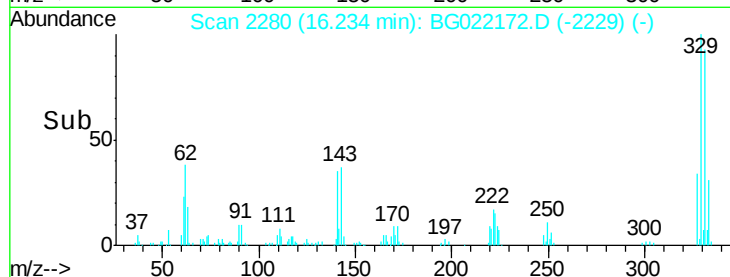
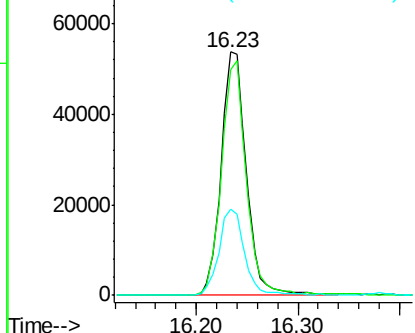
#41  
 2,4,6-Tribromophenol  
 Concen: 80.06 ng  
 RT: 16.23 min Scan# 2280  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:330 Resp: 92740  
 Ion Ratio Lower Upper  
 330 100  
 332 94.2 78.0 117.0  
 141 36.1 33.8 50.8

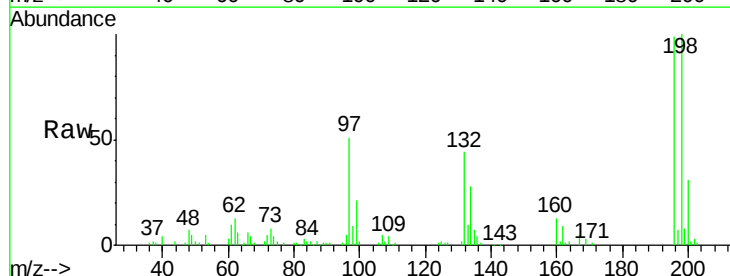


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

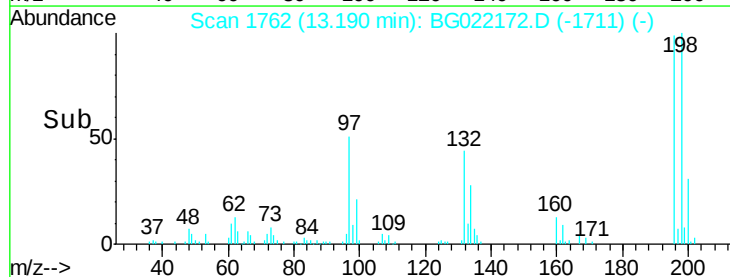
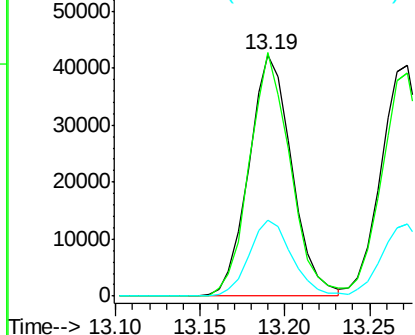


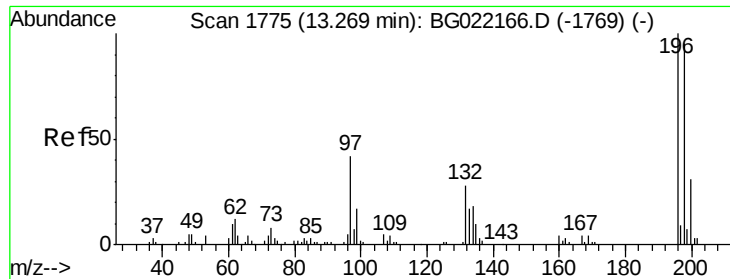
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.17 ng  
 RT: 13.19 min Scan# 1762  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion:196 Resp: 74647  
 Ion Ratio Lower Upper  
 196 100  
 198 100.8 80.1 120.1  
 200 33.4 24.1 36.1



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

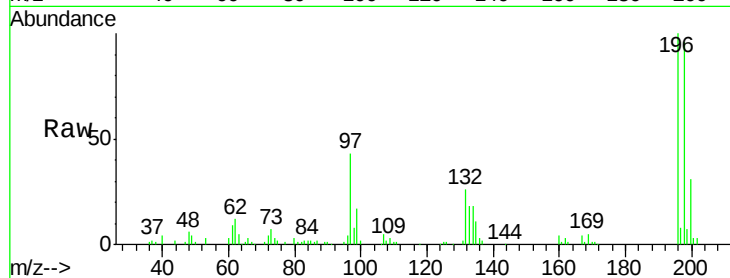




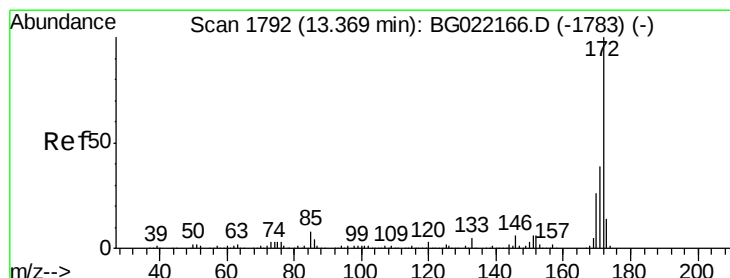
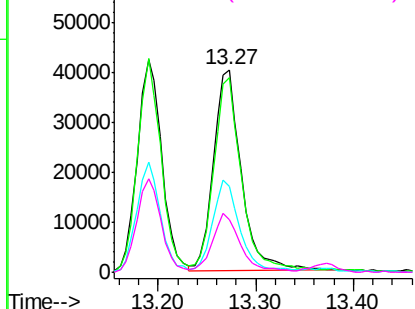
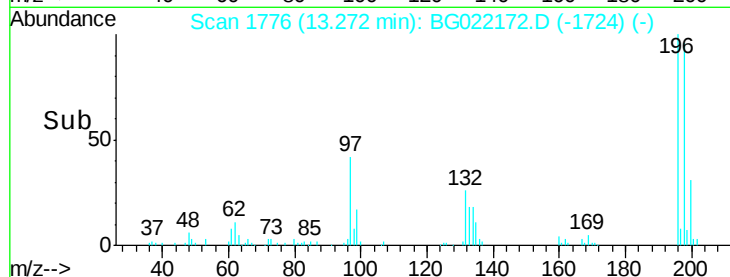
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.77 ng  
 RT: 13.27 min Scan# 1776  
 Delta R.T. 0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:196 Resp: 79740  
 Ion Ratio Lower Upper  
 196 100  
 198 96.3 78.0 117.0  
 97 42.6 43.0 64.6#  
 132 26.2 23.0 34.4

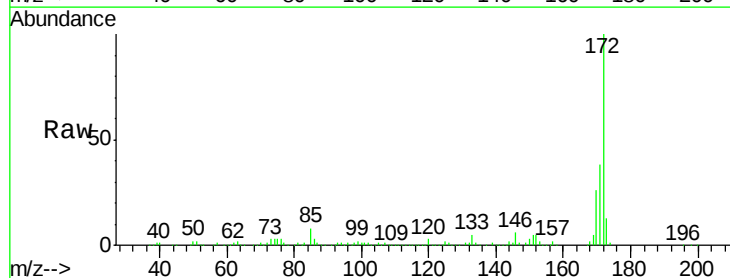


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

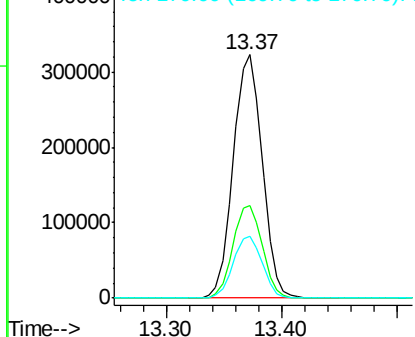
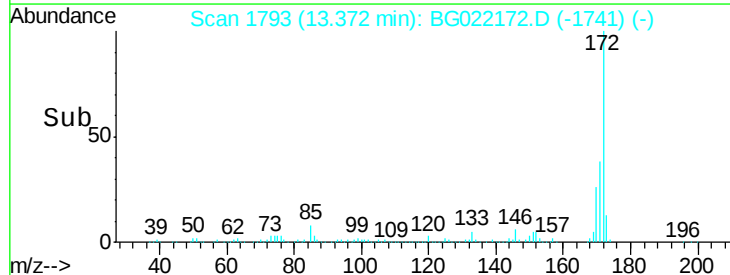


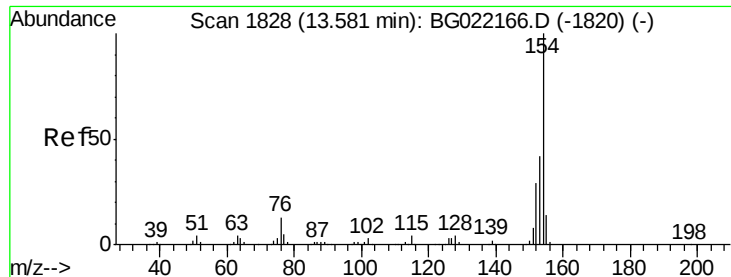
#44  
 2-Fluorobiphenyl  
 Concen: 83.62 ng  
 RT: 13.37 min Scan# 1793  
 Delta R.T. 0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion:172 Resp: 562507  
 Ion Ratio Lower Upper  
 172 100  
 171 38.3 27.8 41.6  
 170 25.5 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

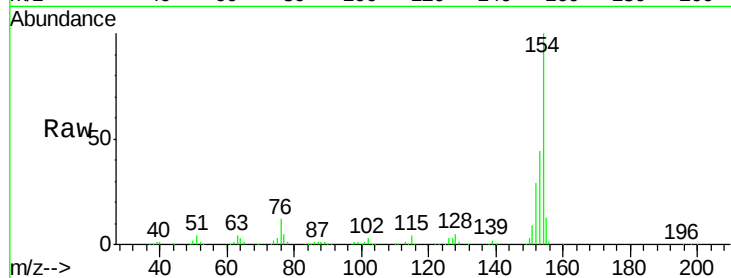




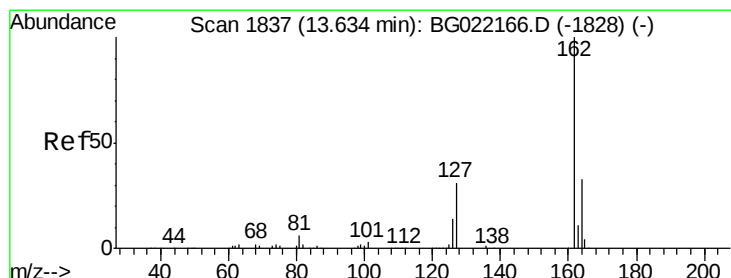
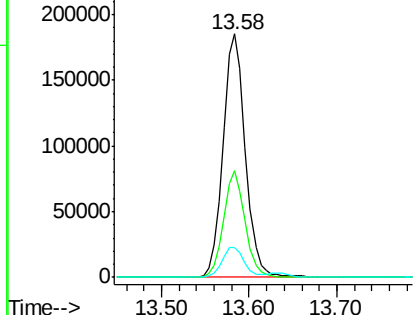
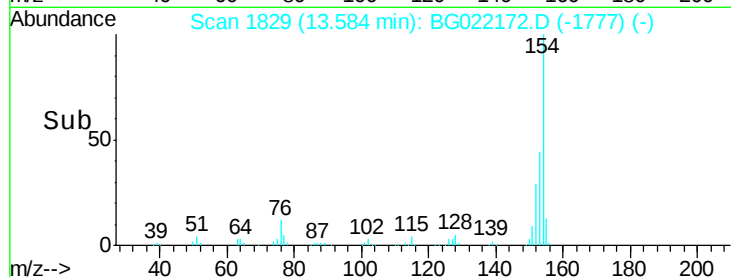
#45  
 1,1'-Biphenyl  
 Concen: 42.08 ng  
 RT: 13.58 min Scan# 1829  
 Delta R.T. 0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Instrument :  
 BNA\_G  
 ClientSampled :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.8  | 19.7  | 59.7  |
| 76      | 12.2  | 0.0   | 33.0  |

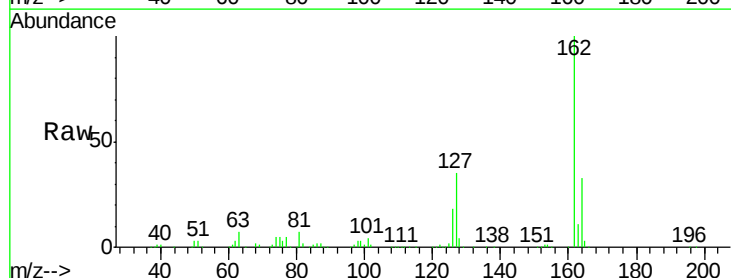


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): B

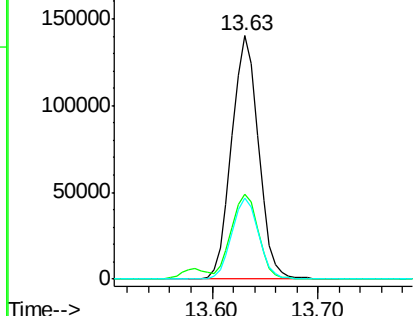
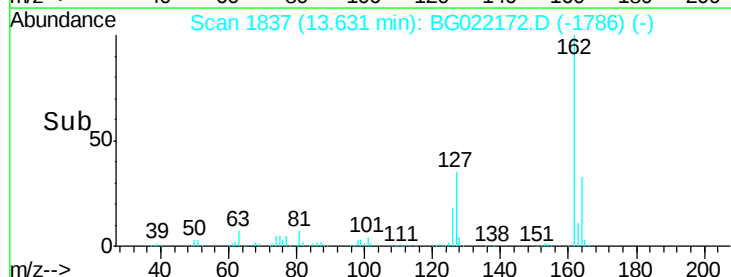


#46  
 2-Chloronaphthalene  
 Concen: 41.68 ng  
 RT: 13.63 min Scan# 1837  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 34.9  | 32.0  | 48.0  |
| 164     | 33.3  | 27.0  | 40.4  |



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

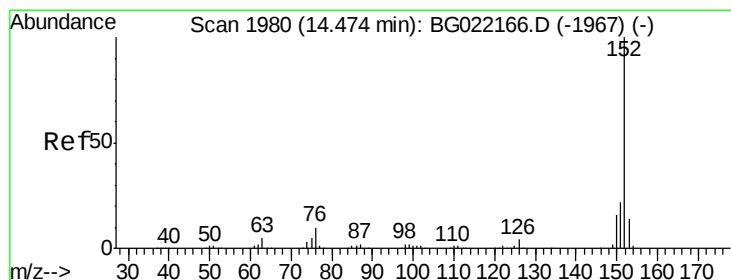
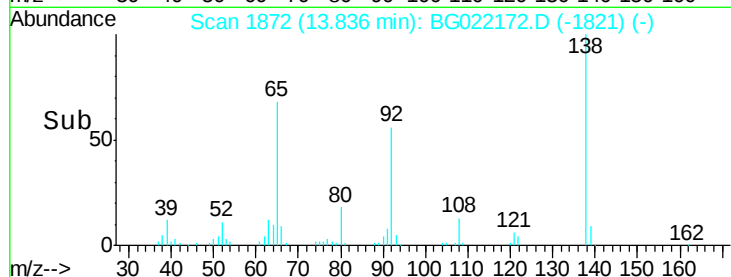
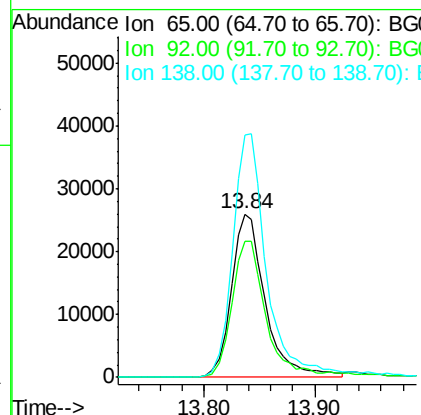
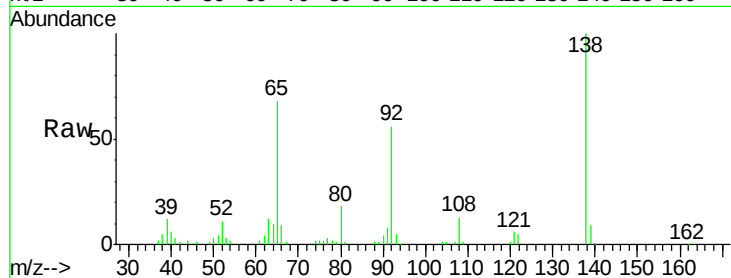




#47  
 2-Nitroaniline  
 Concen: 39.63 ng  
 RT: 13.84 min Scan# 1872  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

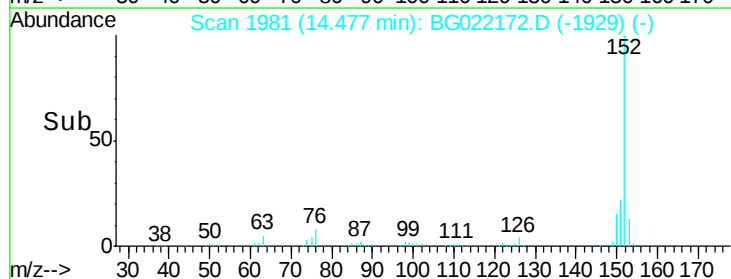
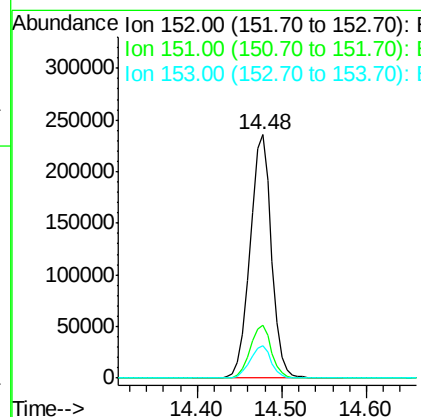
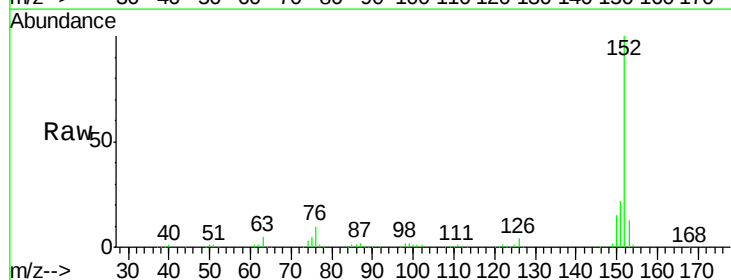
Instrument :  
 BNA\_G  
 ClientSampleId :

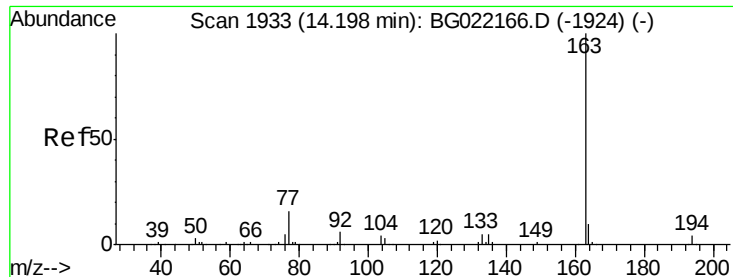
Tgt Ion: 65 Resp: 55884  
 Ion Ratio Lower Upper  
 65 100  
 92 83.3 49.2 73.8#  
 138 148.0 75.0 112.6#



#48  
 Acenaphthylene  
 Concen: 40.08 ng  
 RT: 14.48 min Scan# 1981  
 Delta R.T. 0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion: 152 Resp: 415877  
 Ion Ratio Lower Upper  
 152 100  
 151 21.8 16.6 24.8  
 153 13.4 10.2 15.2





#49

Dimethylphthalate

Concen: 38.10 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG022172.D

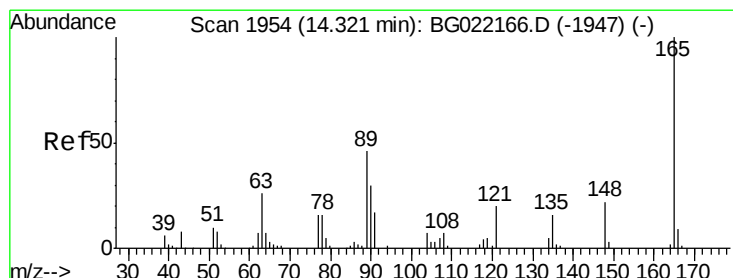
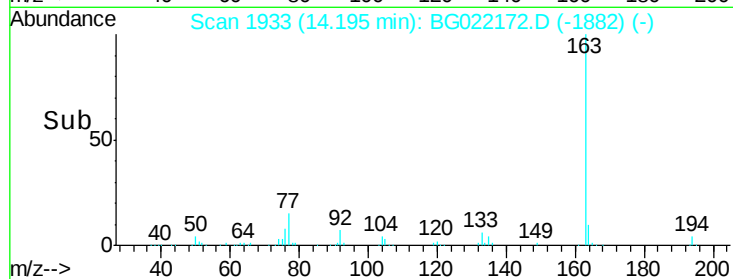
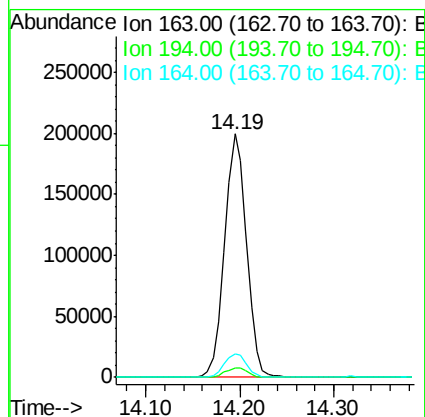
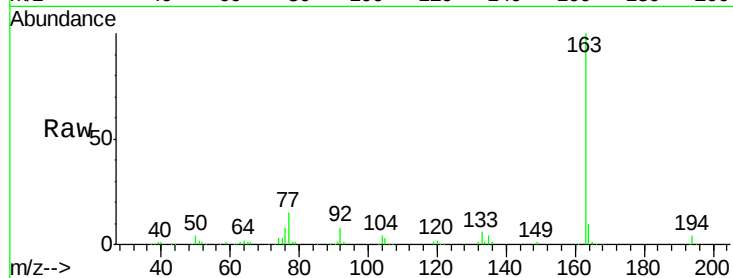
Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 323872 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.0   | 3.0   | 4.6    |
| 164       | 9.9   | 8.1   | 12.1   |



#50

2,6-Dinitrotoluene

Concen: 40.01 ng

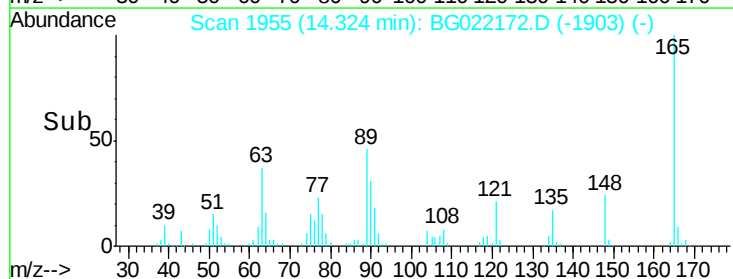
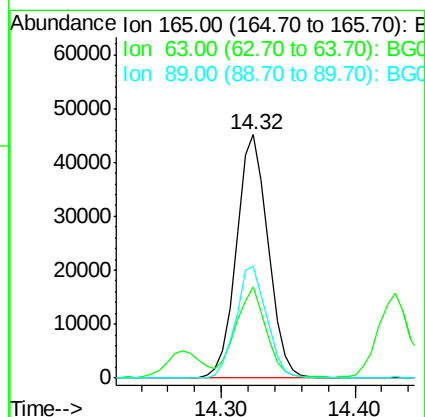
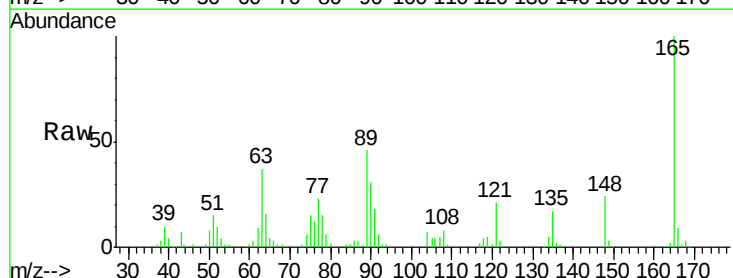
RT: 14.32 min Scan# 1955

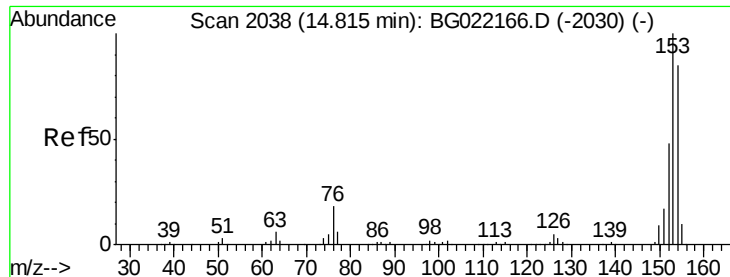
Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 73930 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 37.4  | 48.2  | 72.4# |
| 89        | 45.9  | 45.3  | 67.9  |





#51

Acenaphthene

Concen: 38.96 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

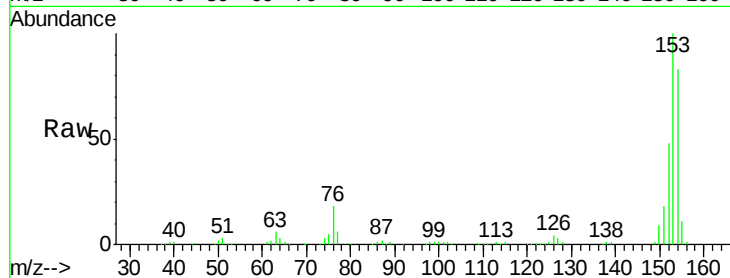
Tgt Ion:154 Resp: 242199

Ion Ratio Lower Upper

154 100

153 120.1 91.9 137.9

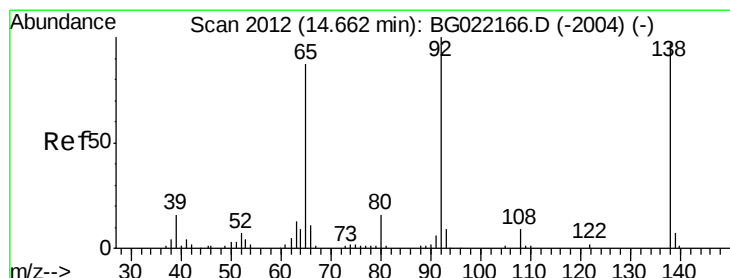
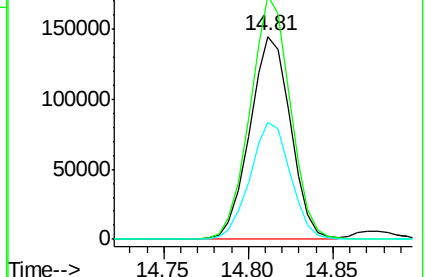
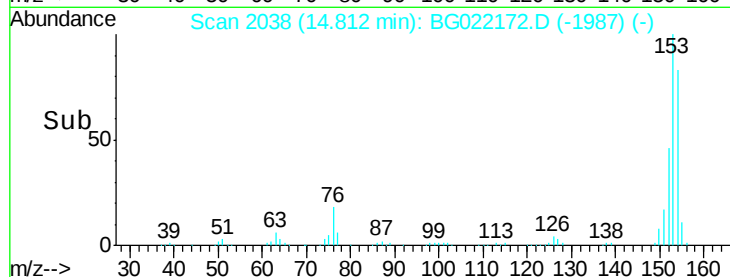
152 57.5 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.48 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

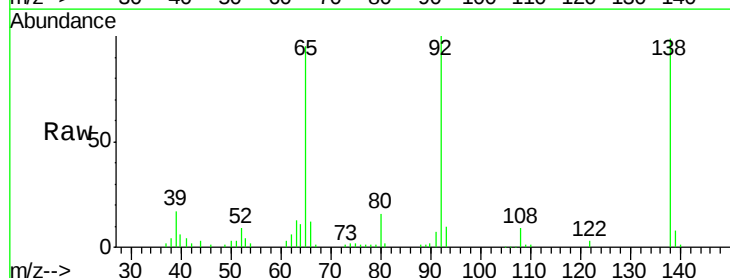
Tgt Ion:138 Resp: 78857

Ion Ratio Lower Upper

138 100

108 9.0 9.1 13.7#

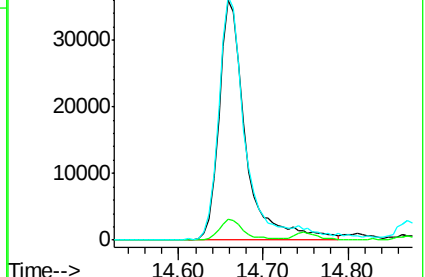
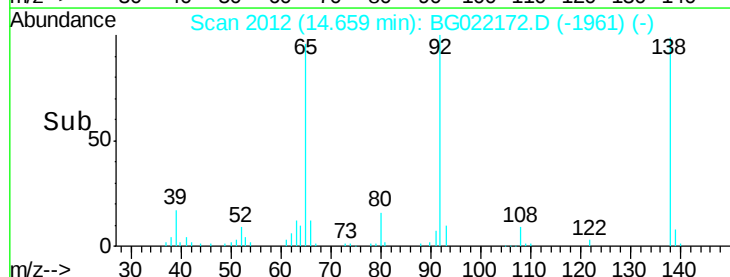
92 101.4 102.6 154.0#

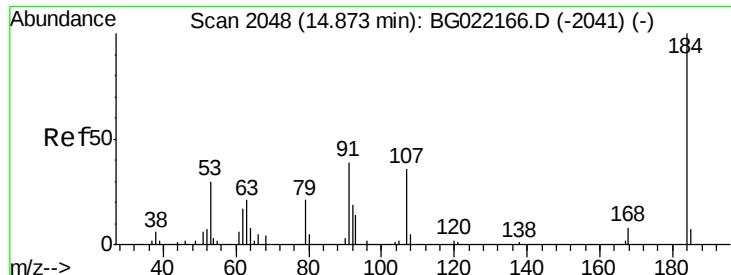


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

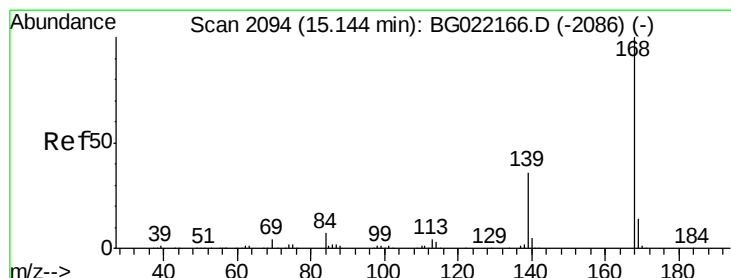
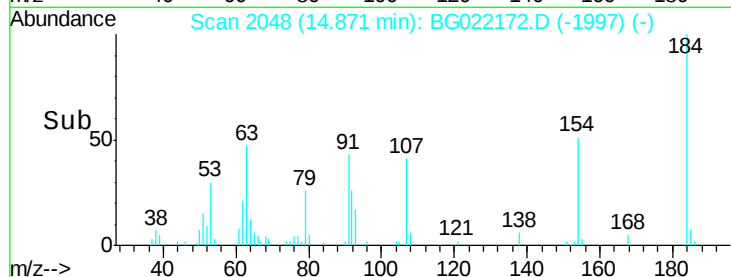
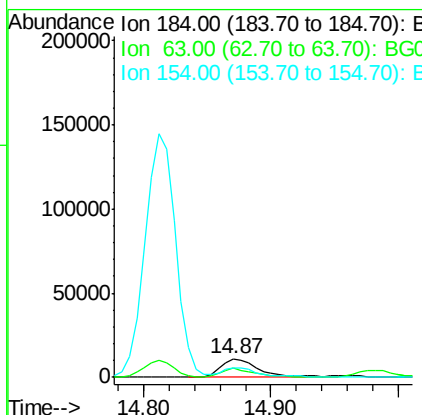
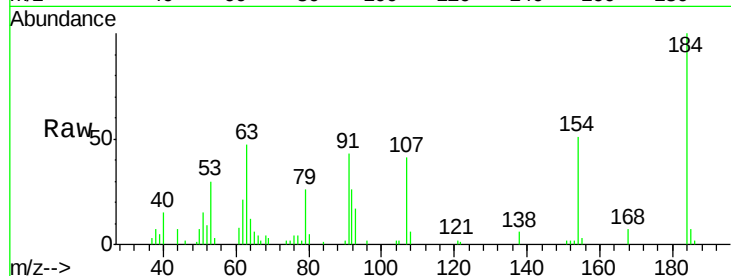




#53  
 2,4-Dinitrophenol  
 Concen: 38.32 ng  
 RT: 14.87 min Scan# 2048  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

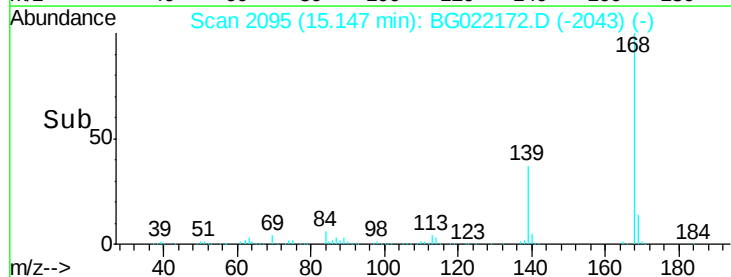
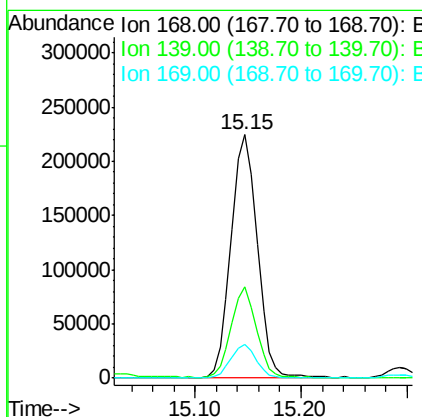
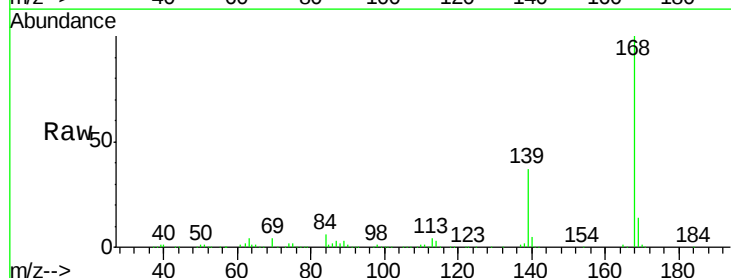
Instrument :  
 BNA\_G  
 ClientSampleId :

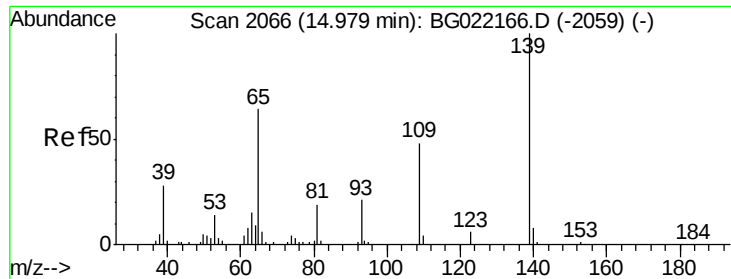
Tgt Ion:184 Resp: 23944  
 Ion Ratio Lower Upper  
 184 100  
 63 47.0 57.3 85.9#  
 154 51.4 55.2 82.8#



#54  
 Dibenzofuran  
 Concen: 40.04 ng  
 RT: 15.15 min Scan# 2095  
 Delta R.T. 0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion:168 Resp: 388407  
 Ion Ratio Lower Upper  
 168 100  
 139 37.3 31.1 46.7  
 169 13.8 11.0 16.6

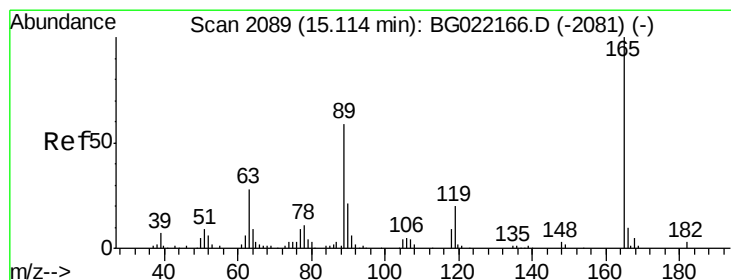
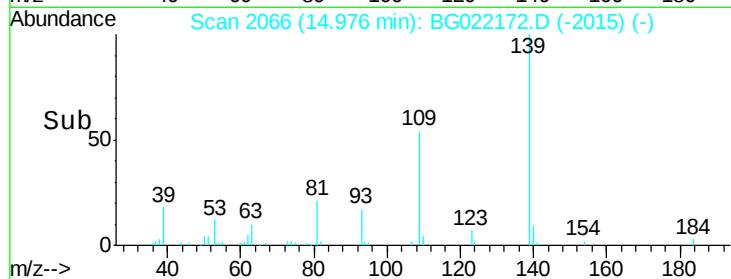
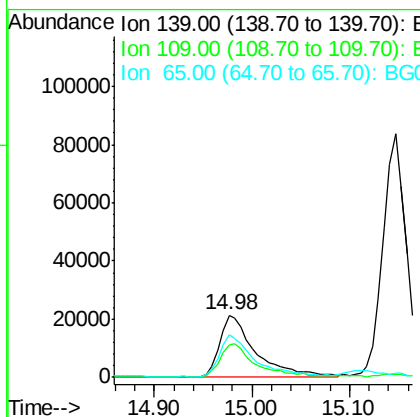
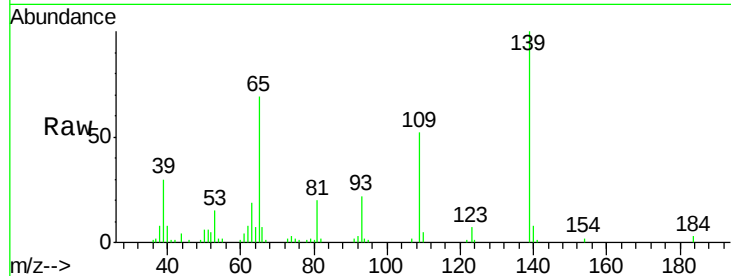




#55  
4-Nitrophenol  
Concen: 38.79 ng  
RT: 14.98 min Scan# 2066  
Delta R.T. -0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

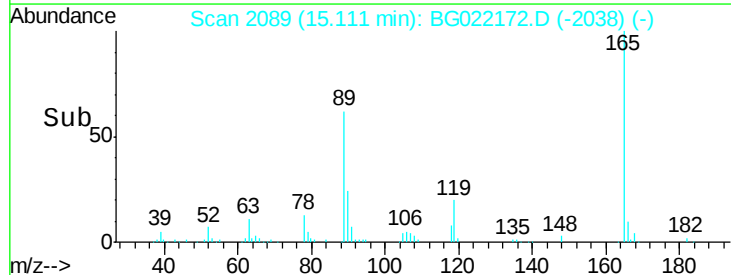
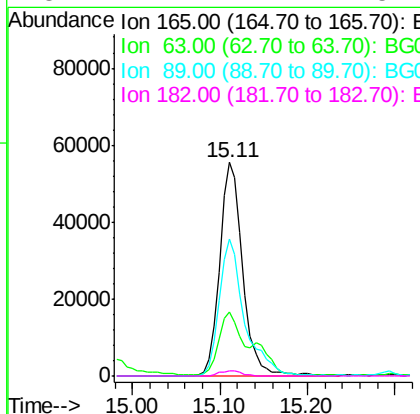
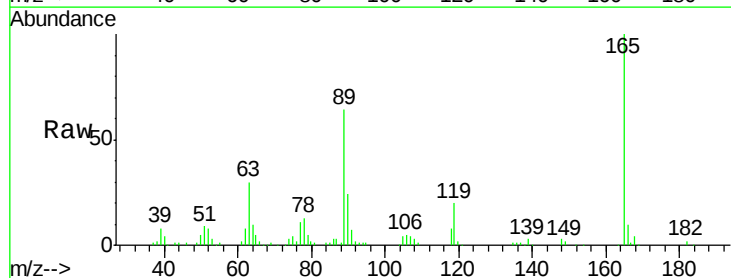
Instrument :  
BNA\_G  
ClientSampled :

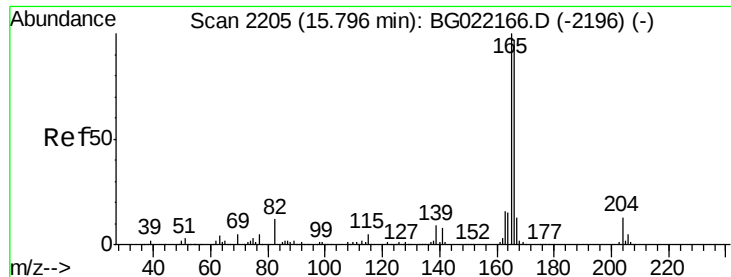
Tgt Ion:139 Resp: 54870  
Ion Ratio Lower Upper  
139 100  
109 51.5 49.2 89.2  
65 68.7 83.2 123.2#



#56  
2,4-Dinitrotoluene  
Concen: 40.67 ng  
RT: 15.11 min Scan# 2089  
Delta R.T. -0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Tgt Ion:165 Resp: 100792  
Ion Ratio Lower Upper  
165 100  
63 29.8 37.4 56.0#  
89 64.0 59.4 89.0  
182 2.2 2.1 3.1





#57

Fluorene

Concen: 38.90 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampled :

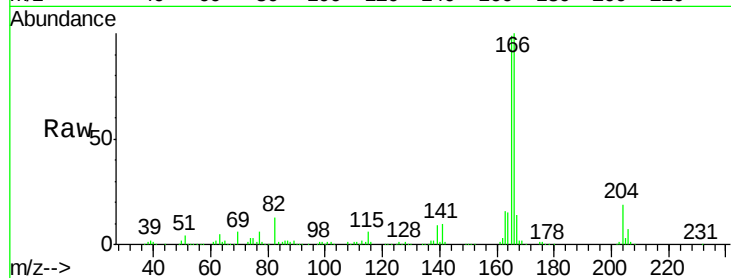
Tgt Ion:166 Resp: 325135

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.4

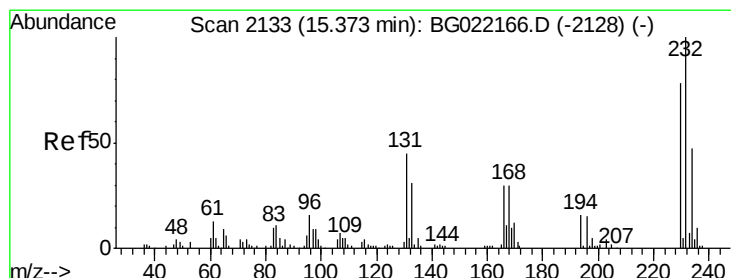
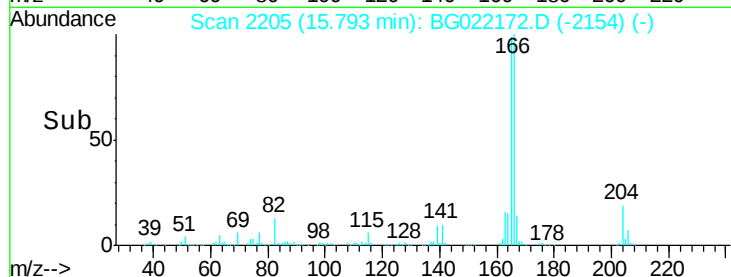
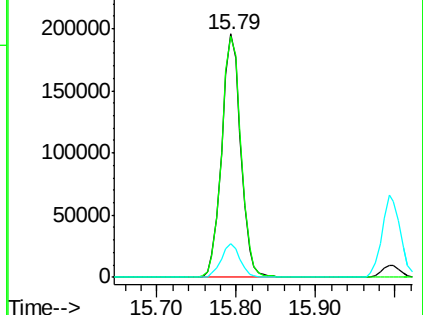
167 14.0 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.80 ng

RT: 15.38 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Tgt Ion:232 Resp: 68054

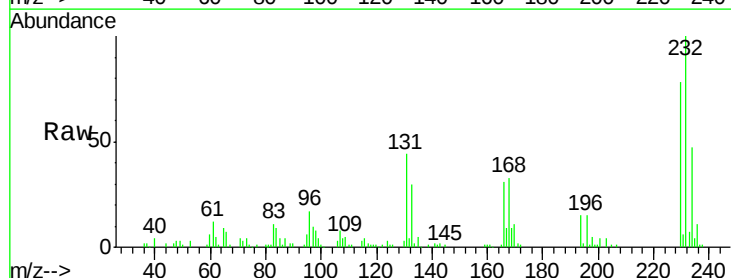
Ion Ratio Lower Upper

232 100

131 45.6 36.3 54.5

130 2.8 1.9 2.9

166 34.7 25.0 37.4

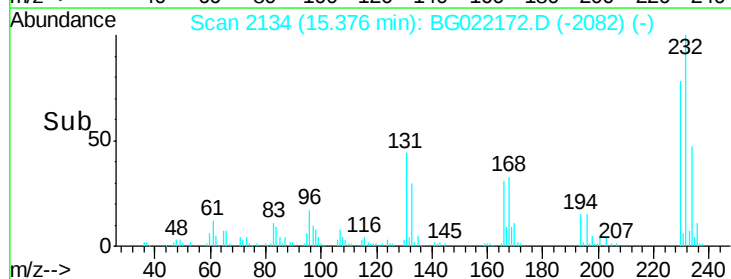
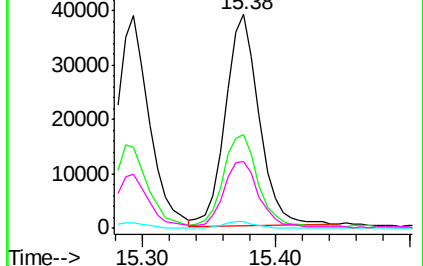


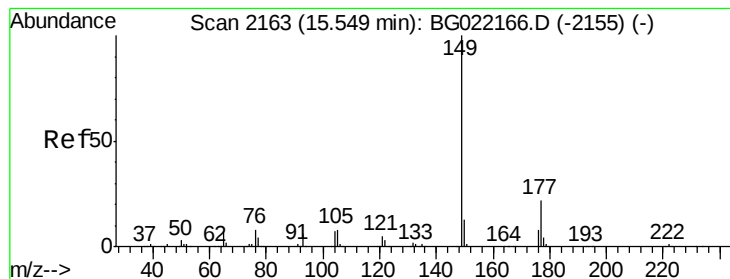
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.36 ng

RT: 15.55 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampled :

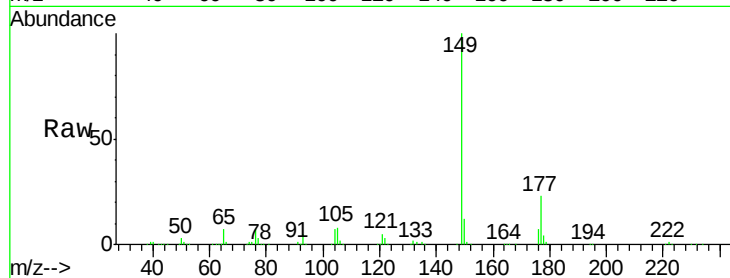
Tgt Ion:149 Resp: 339179

Ion Ratio Lower Upper

149 100

177 22.8 17.3 25.9

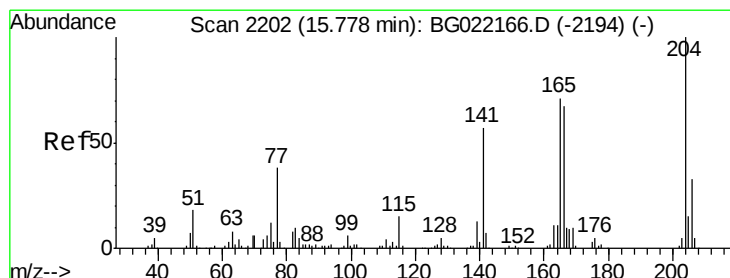
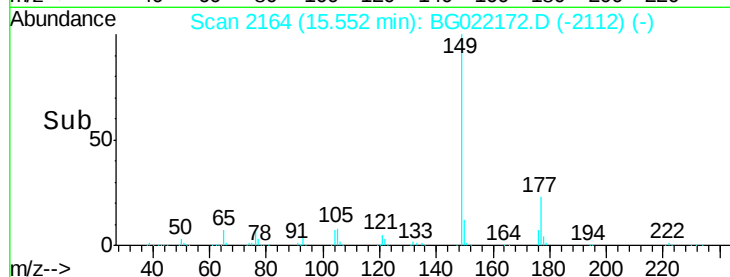
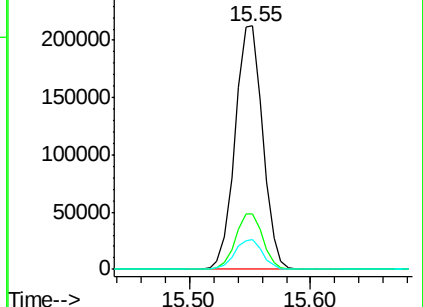
150 12.0 9.7 14.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.20 ng

RT: 15.78 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

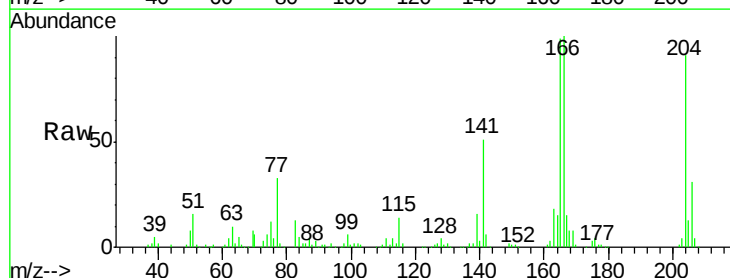
Tgt Ion:204 Resp: 148375

Ion Ratio Lower Upper

204 100

206 34.2 27.8 41.8

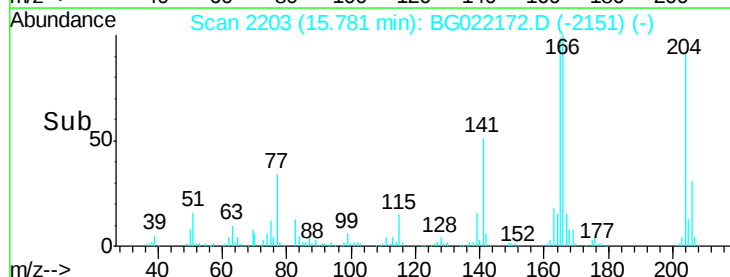
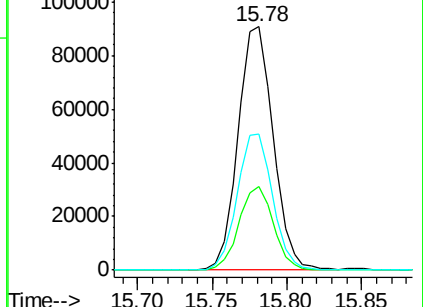
141 55.9 51.0 76.4

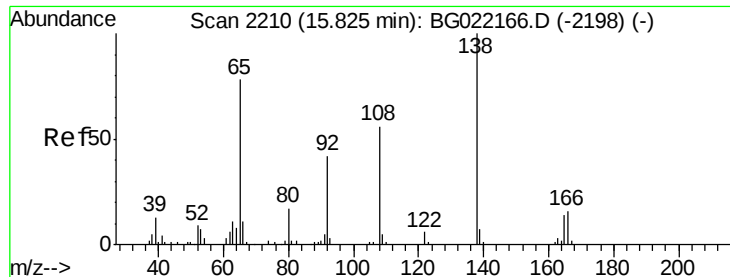


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

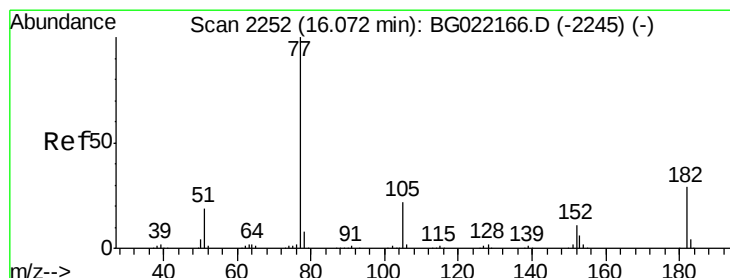
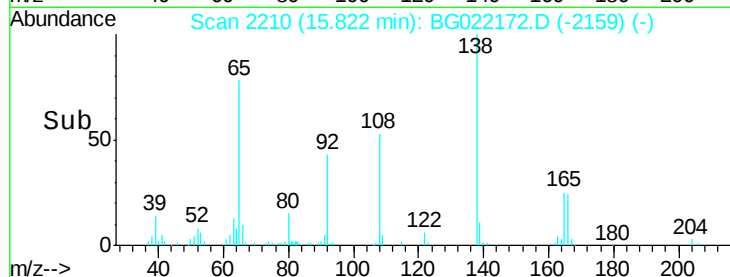
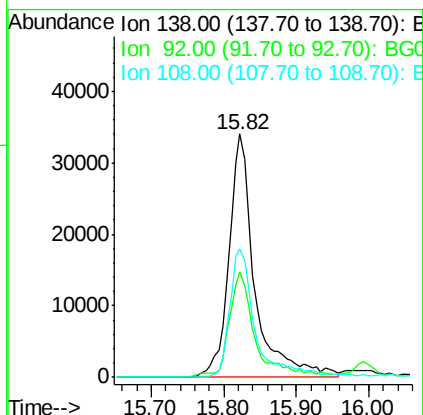
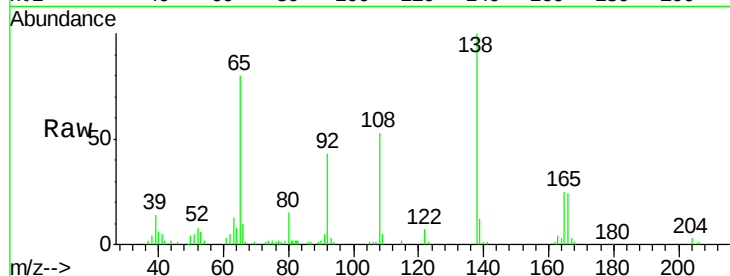




#61  
4-Nitroaniline  
Concen: 38.84 ng  
RT: 15.82 min Scan# 2210  
Delta R.T. -0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

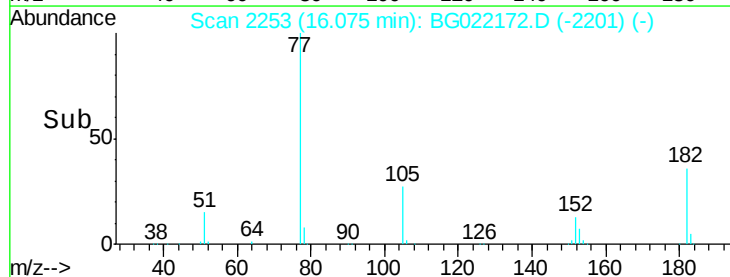
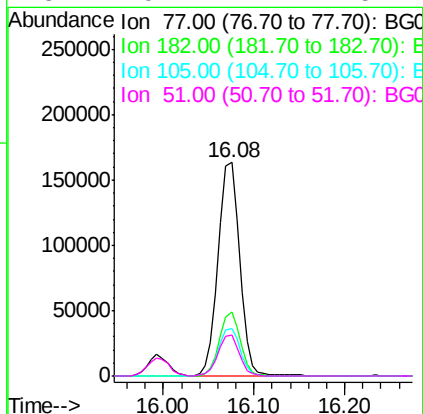
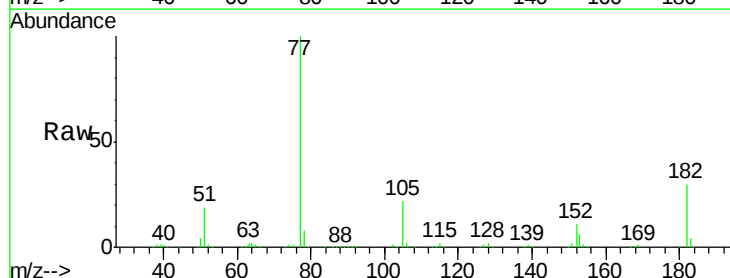
Instrument :  
BNA\_G  
ClientSampleId :

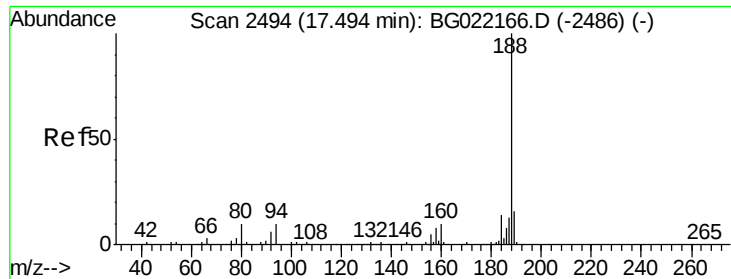
Tgt Ion: 138 Resp: 84428  
Ion Ratio Lower Upper  
138 100  
92 43.2 37.7 77.7  
108 52.9 59.4 99.4#



#62  
Azobenzene  
Concen: 39.26 ng  
RT: 16.08 min Scan# 2253  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Tgt Ion: 77 Resp: 269917  
Ion Ratio Lower Upper  
77 100  
182 29.9 4.1 44.1  
105 22.4 0.0 39.8  
51 19.1 11.1 51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

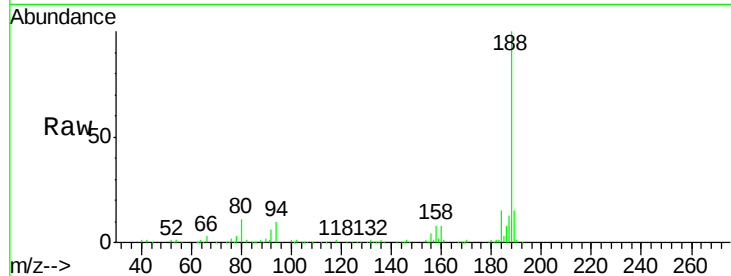
Tgt Ion:188 Resp: 231181

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

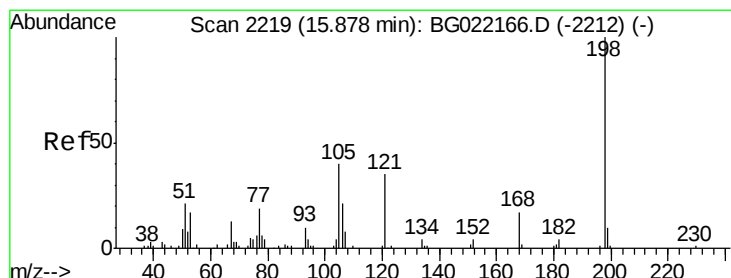
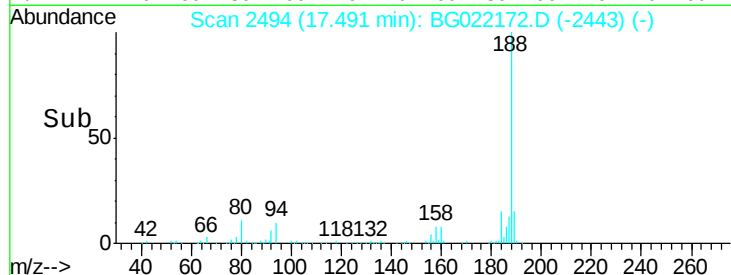
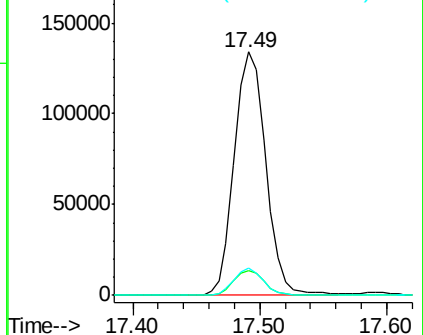
80 11.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 39.82 ng

RT: 15.88 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

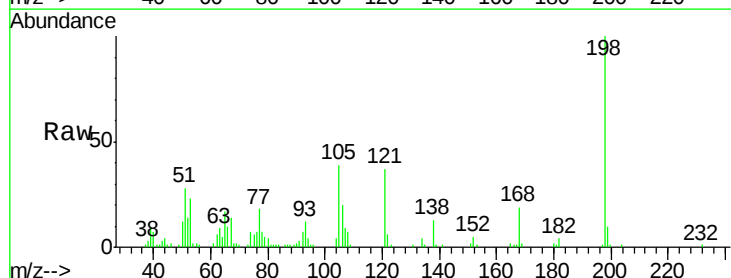
Tgt Ion:198 Resp: 45445

Ion Ratio Lower Upper

198 100

51 28.5 29.2 69.2#

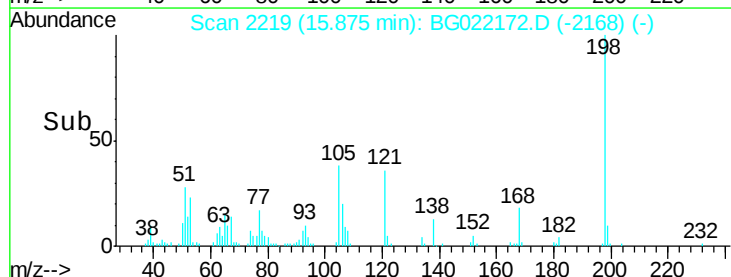
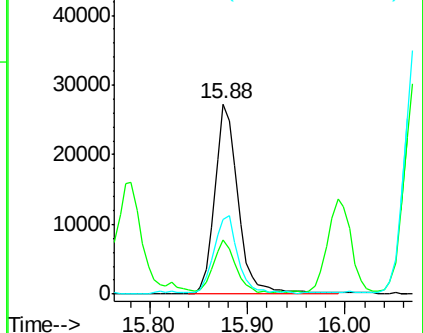
105 39.3 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

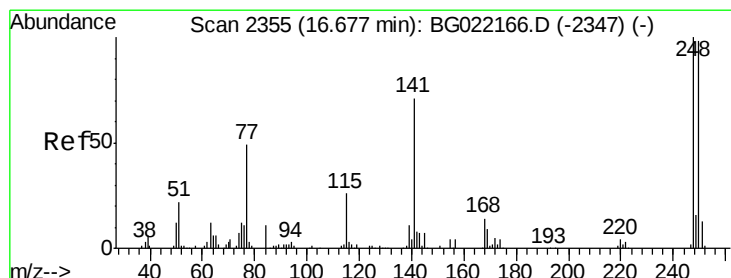
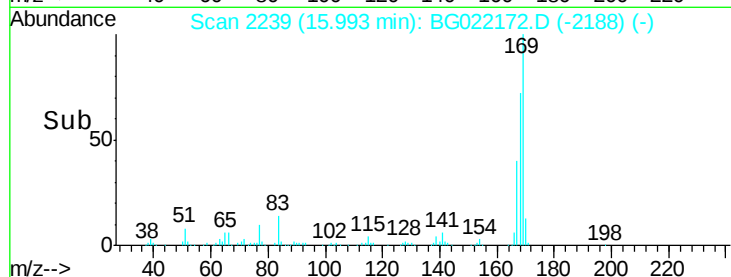
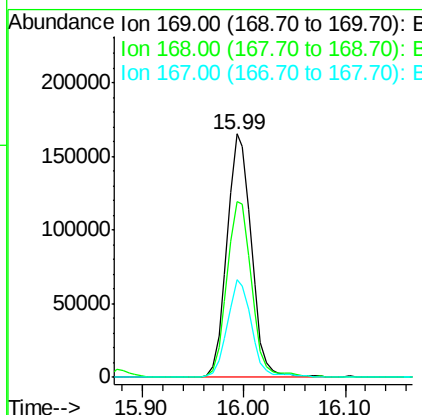
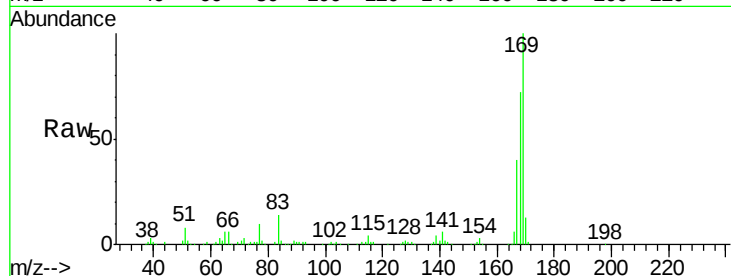




#65  
 n-Nitrosodiphenylamine  
 Concen: 41.47 ng  
 RT: 15.99 min Scan# 2239  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

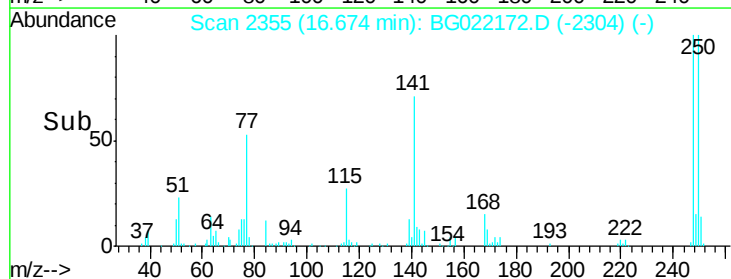
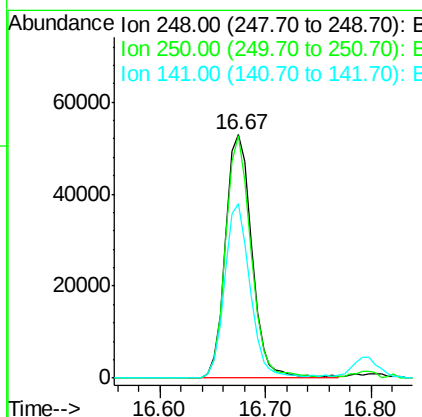
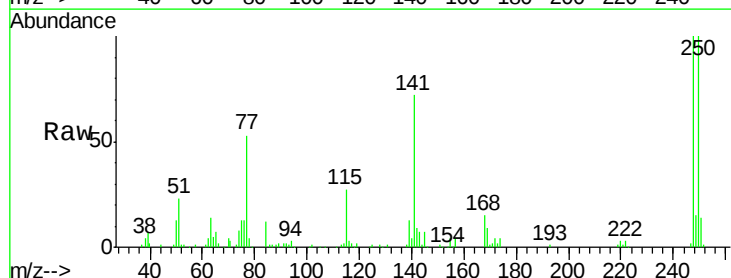
Instrument :  
 BNA\_G  
 ClientSampleId :

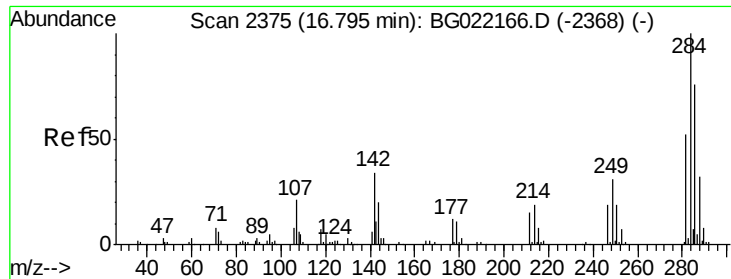
Tgt Ion:169 Resp: 276145  
 Ion Ratio Lower Upper  
 169 100  
 168 72.2 59.6 89.4  
 167 39.9 31.2 46.8



#66  
 4-Bromophenyl-phenylether  
 Concen: 42.33 ng  
 RT: 16.67 min Scan# 2355  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion:248 Resp: 91689  
 Ion Ratio Lower Upper  
 248 100  
 250 99.8 76.6 114.8  
 141 71.5 63.8 95.6

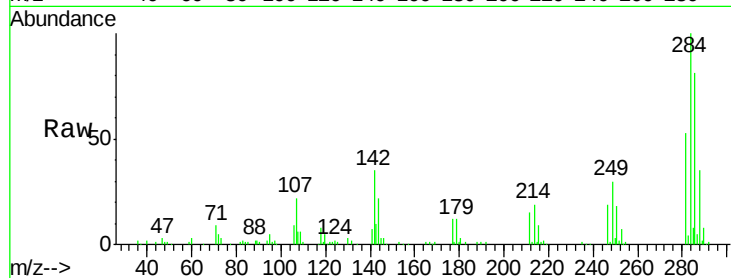




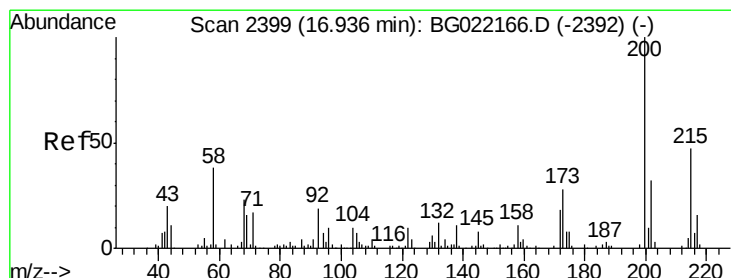
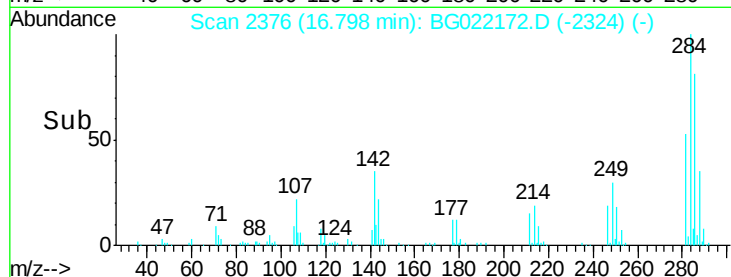
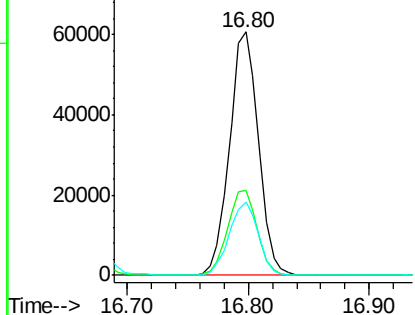
#67  
Hexachlorobenzene  
Concen: 39.98 ng  
RT: 16.80 min Scan# 2376  
Delta R.T. 0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Instrument :  
BNA\_G  
ClientSampleId :

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 284  | Resp: | 100930 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 35.0 | 31.8  | 47.6   |
| 249       | 33.0 | 27.3  | 40.9   |

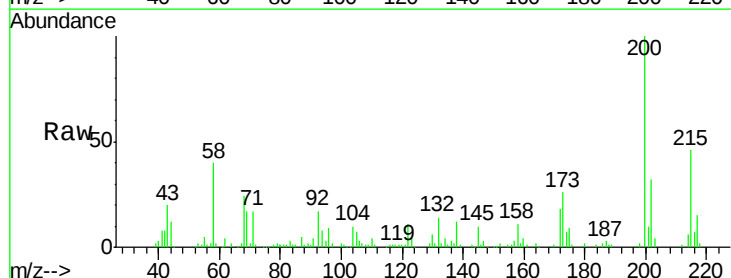


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

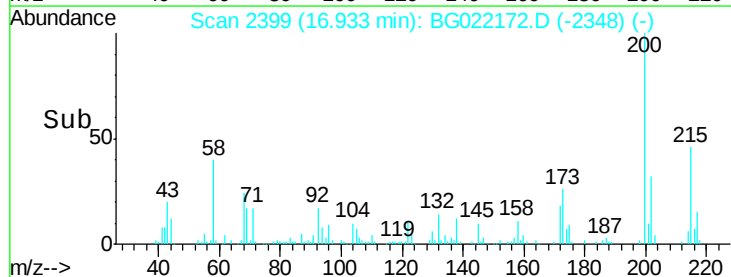
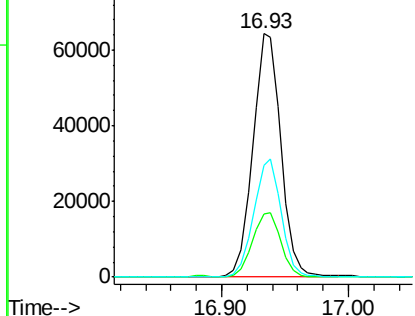


#68  
Atrazine  
Concen: 40.30 ng  
RT: 16.93 min Scan# 2399  
Delta R.T. -0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 200  | Resp: | 99339 |
| Ion Ratio |      | Lower | Upper |
| 200       | 100  |       |       |
| 173       | 25.9 | 5.1   | 45.1  |
| 215       | 46.2 | 28.0  | 68.0  |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

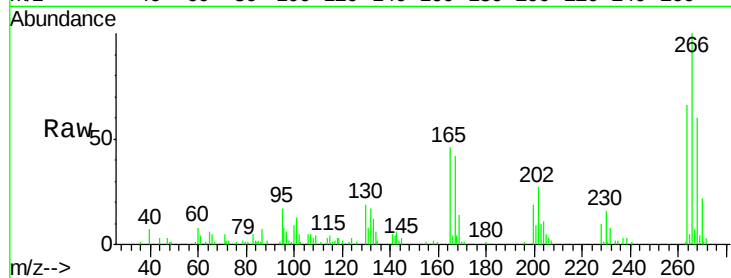




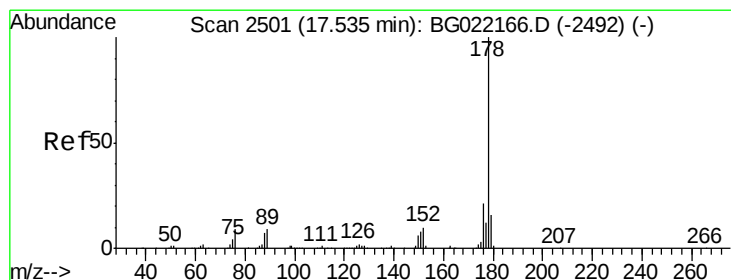
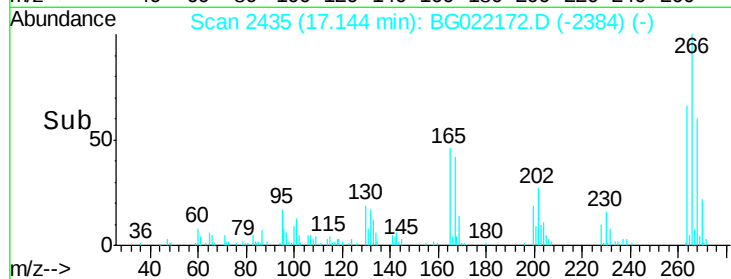
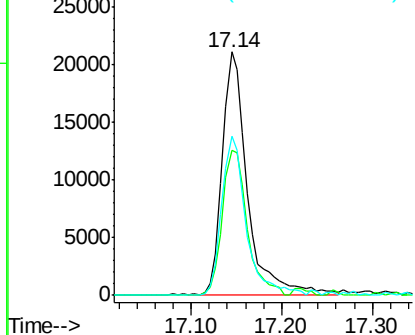
#69  
 Pentachlorophenol  
 Concen: 39.52 ng  
 RT: 17.14 min Scan# 2435  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:266 Resp: 40941  
 Ion Ratio Lower Upper  
 266 100  
 268 63.6 54.5 81.7  
 264 70.5 53.8 80.6

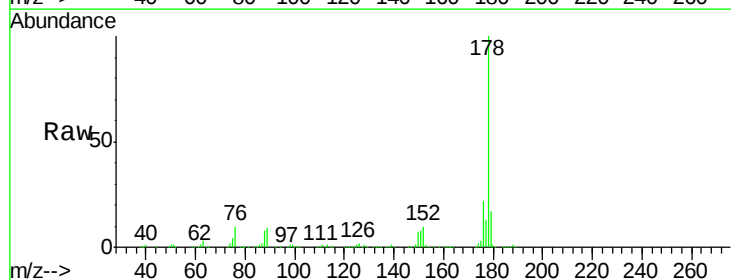


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

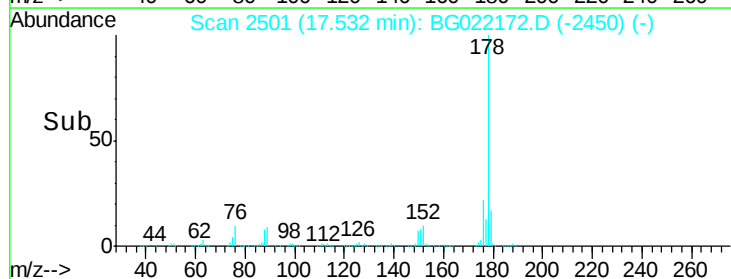
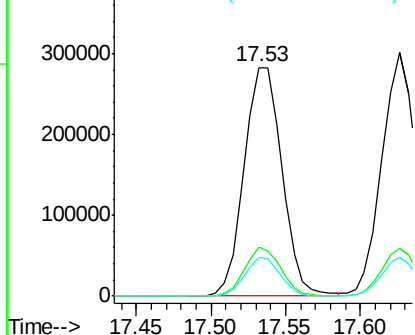


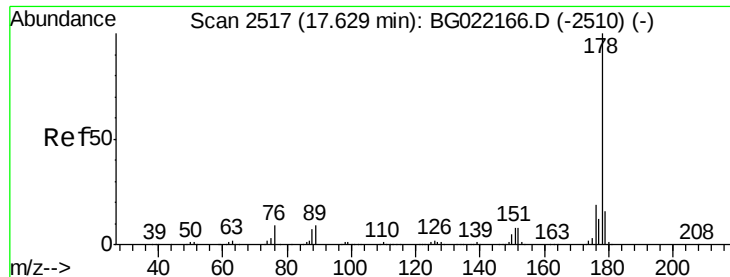
#70  
 Phenanthrene  
 Concen: 39.65 ng  
 RT: 17.53 min Scan# 2501  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion:178 Resp: 497835  
 Ion Ratio Lower Upper  
 178 100  
 176 21.5 16.2 24.4  
 179 16.9 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

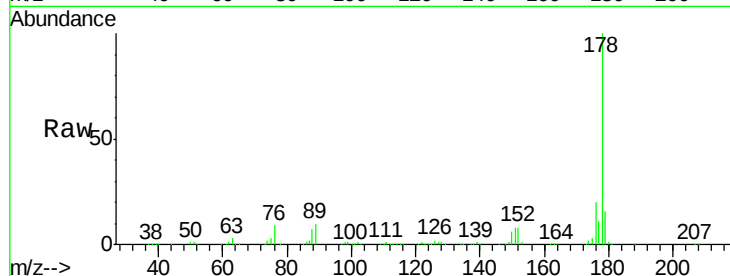




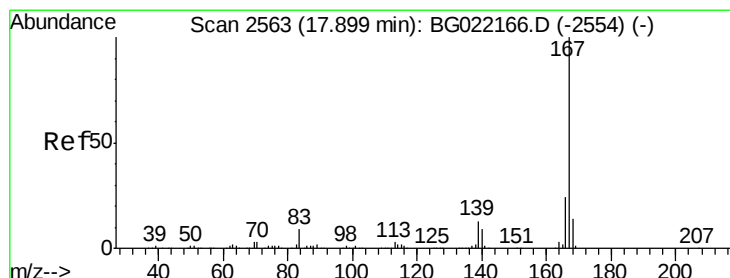
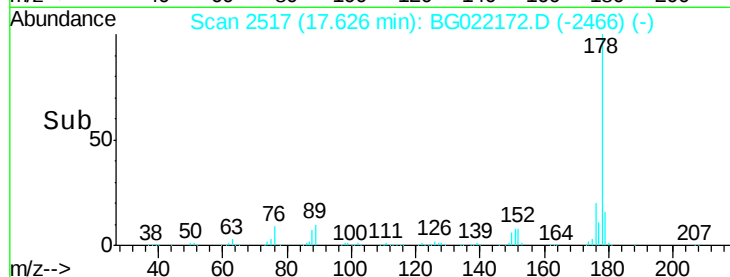
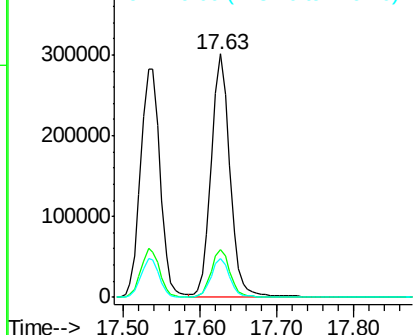
#71  
 Anthracene  
 Concen: 40.35 ng  
 RT: 17.63 min Scan# 2517  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:178 Resp: 502474  
 Ion Ratio Lower Upper  
 178 100  
 176 19.8 15.0 22.4  
 179 15.8 12.2 18.4

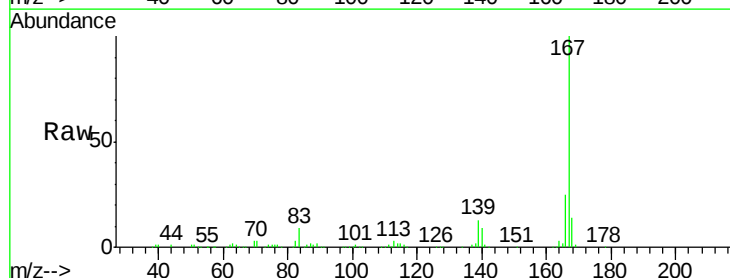


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

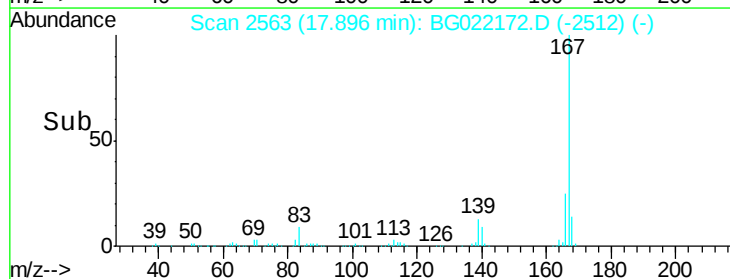
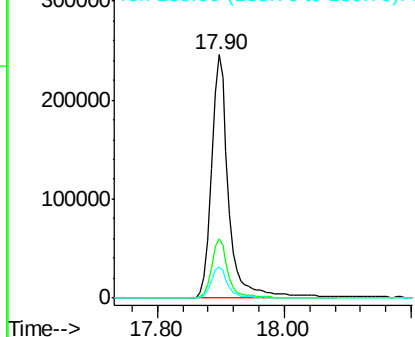


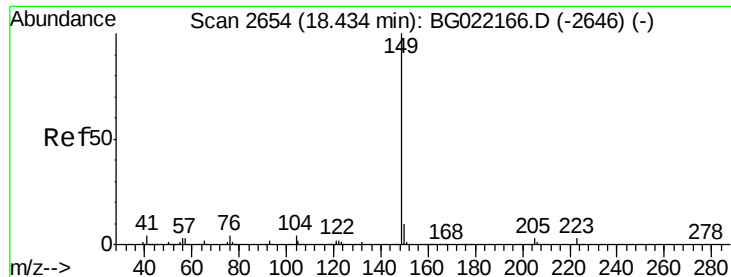
#72  
 Carbazole  
 Concen: 39.91 ng  
 RT: 17.90 min Scan# 2563  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion:167 Resp: 470751  
 Ion Ratio Lower Upper  
 167 100  
 166 24.6 18.6 27.8  
 139 12.9 10.6 15.8



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

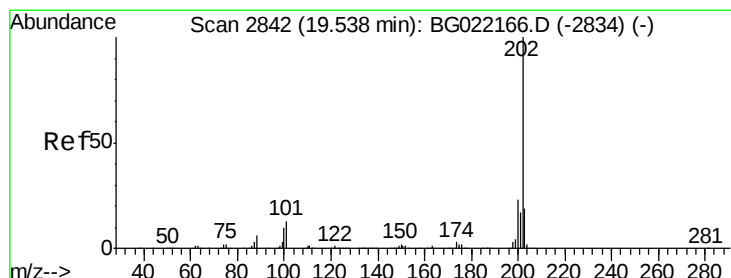
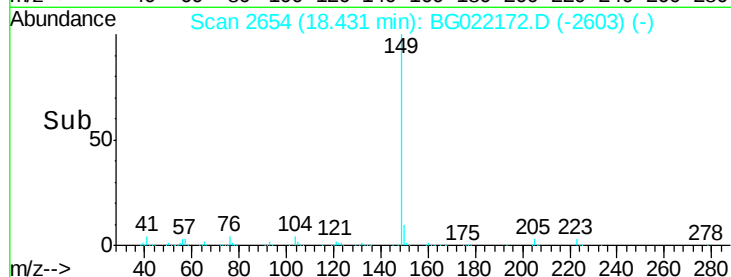
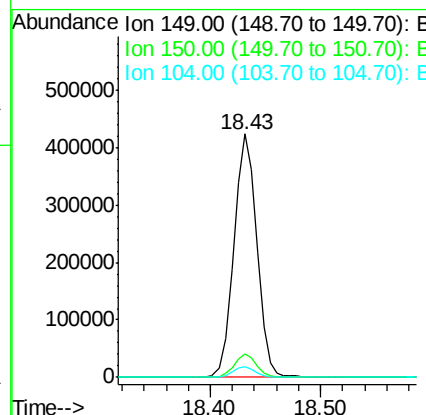
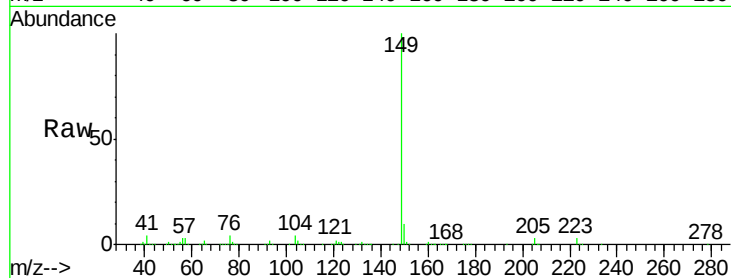




#73  
Di-n-butylphthalate  
Concen: 40.02 ng  
RT: 18.43 min Scan# 2654  
Delta R.T. -0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

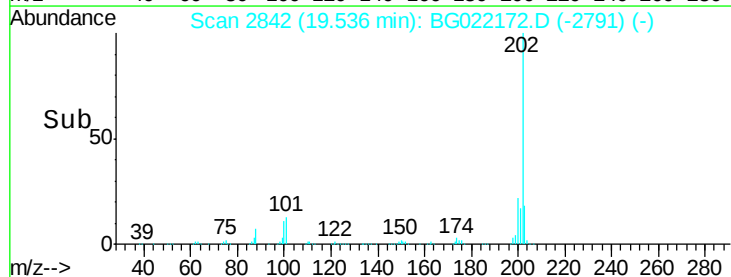
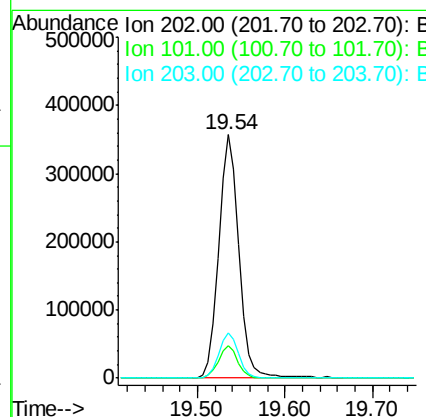
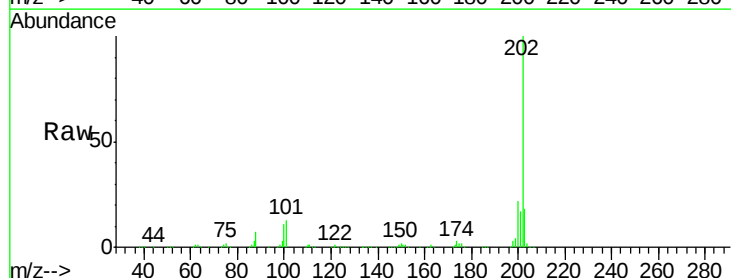
Instrument :  
BNA\_G  
ClientSampled :

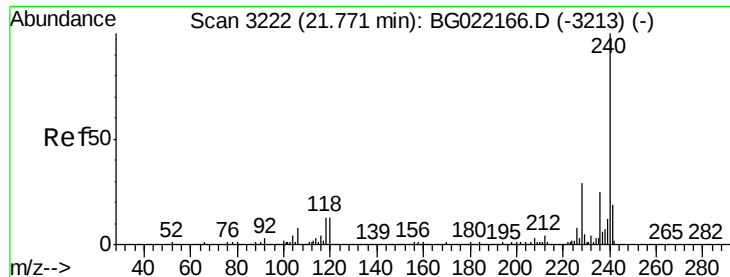
Tgt Ion:149 Resp: 617125  
Ion Ratio Lower Upper  
149 100  
150 9.8 7.4 11.0  
104 4.2 4.0 6.0



#74  
Fluoranthene  
Concen: 39.64 ng  
RT: 19.54 min Scan# 2842  
Delta R.T. -0.00 min  
Lab File: BG022172.D  
Acq: 6 Jun 2016 17:02

Tgt Ion:202 Resp: 572239  
Ion Ratio Lower Upper  
202 100  
101 13.4 0.0 31.0  
203 18.4 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

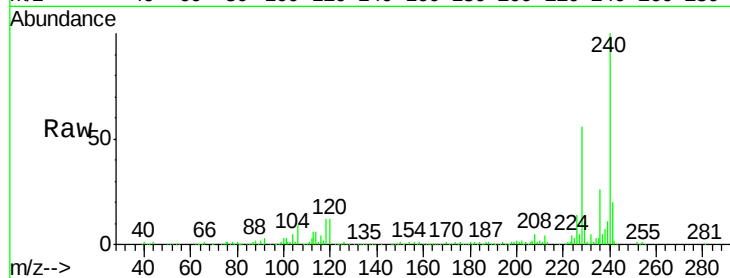
Tgt Ion:240 Resp: 229799

Ion Ratio Lower Upper

240 100

120 12.2 8.4 12.6

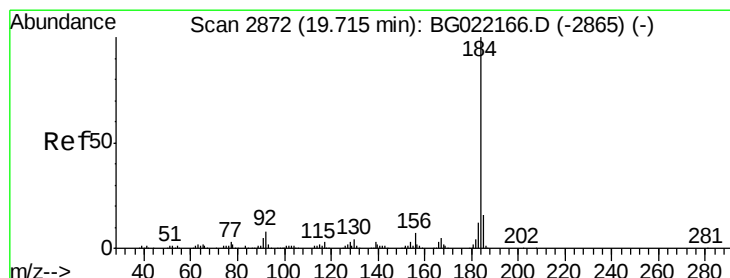
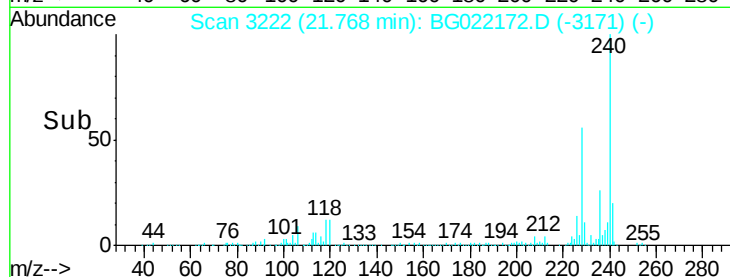
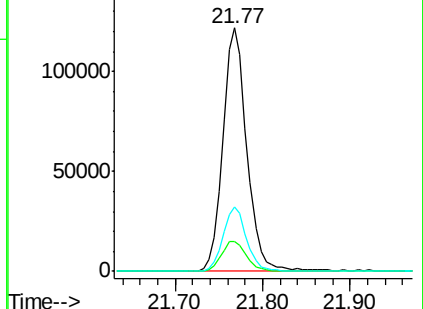
236 26.3 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.43 ng

RT: 19.72 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

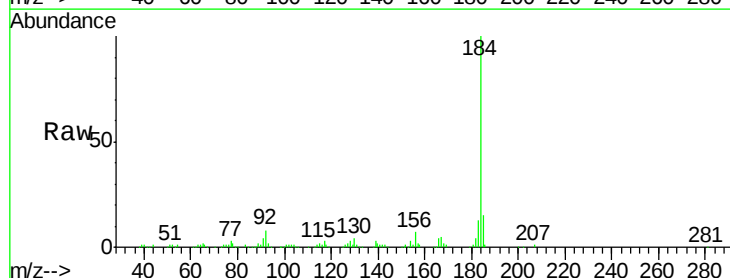
Tgt Ion:184 Resp: 267019

Ion Ratio Lower Upper

184 100

185 15.5 11.5 17.3

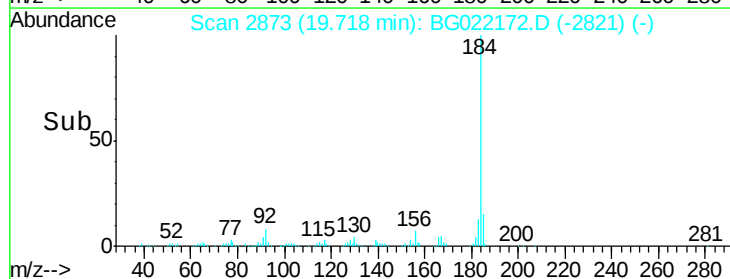
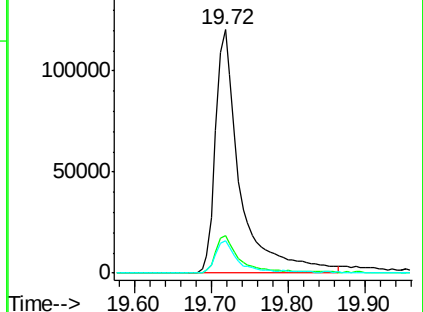
183 13.2 10.2 15.4

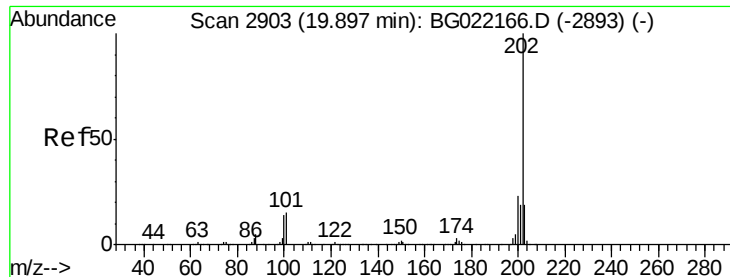


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.70 ng

RT: 19.90 min Scan# 2904

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

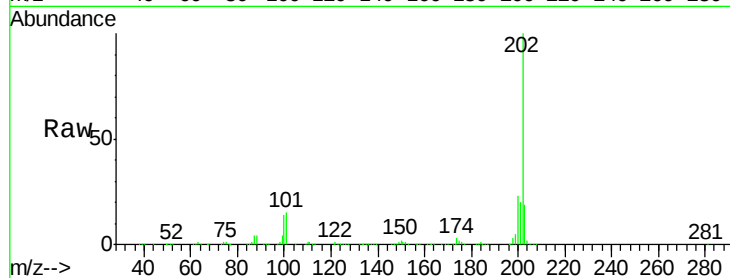
Tgt Ion:202 Resp: 567141

Ion Ratio Lower Upper

202 100

200 22.8 18.2 27.2

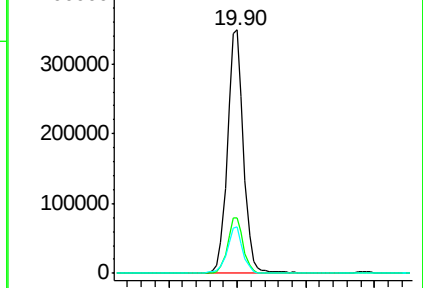
203 19.3 15.0 22.4



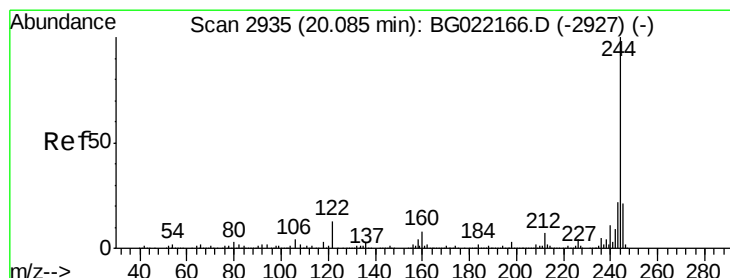
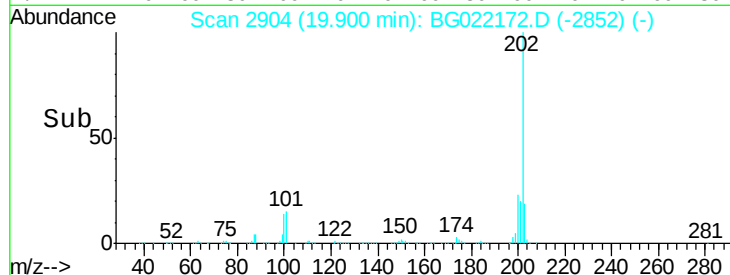
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 80.23 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

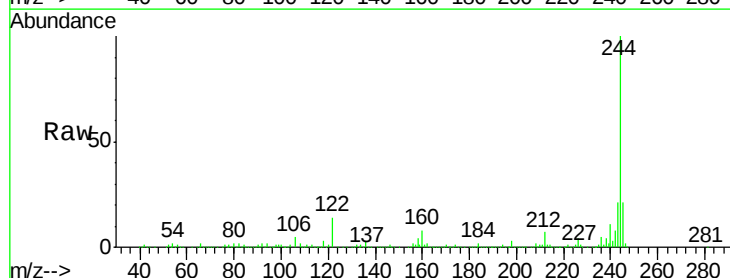
Tgt Ion:244 Resp: 776603

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

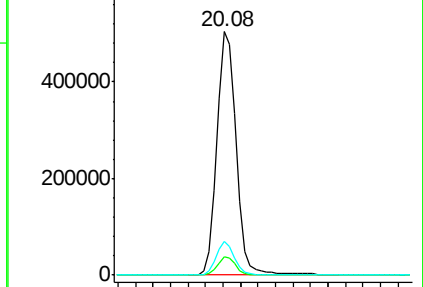
122 13.6 8.6 12.8#



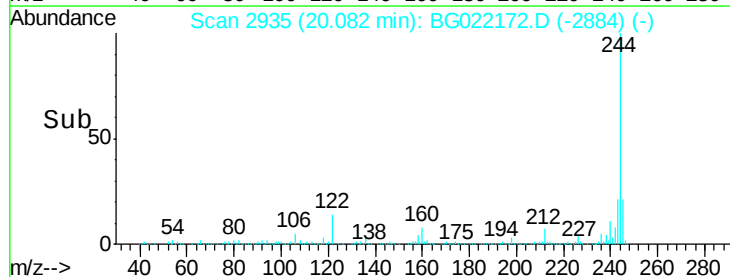
Abundance Ion 244.00 (243.70 to 244.70): E

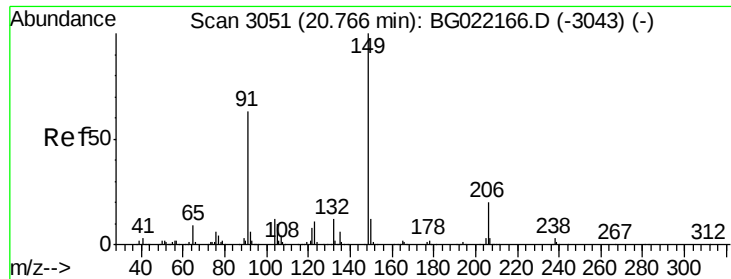
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 40.08 ng

RT: 20.76 min Scan# 3051

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

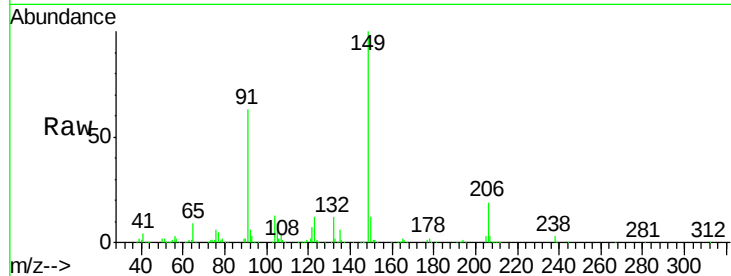
Tgt Ion:149 Resp: 265581

Ion Ratio Lower Upper

149 100

91 62.8 57.8 86.8

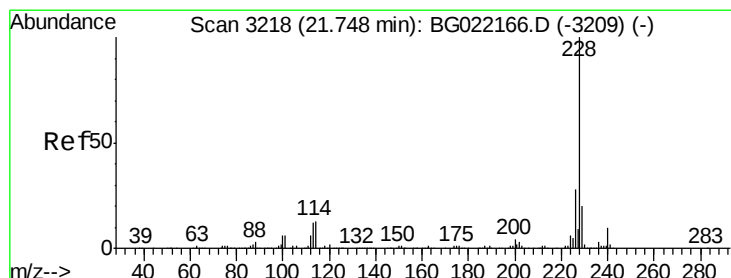
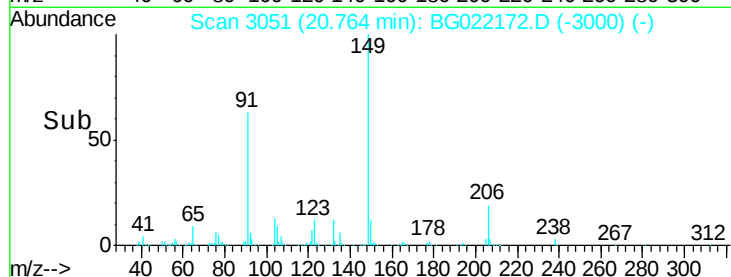
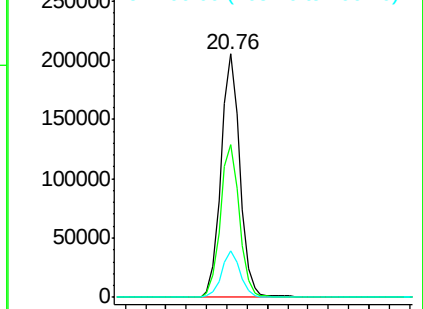
206 19.1 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.31 ng

RT: 21.75 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

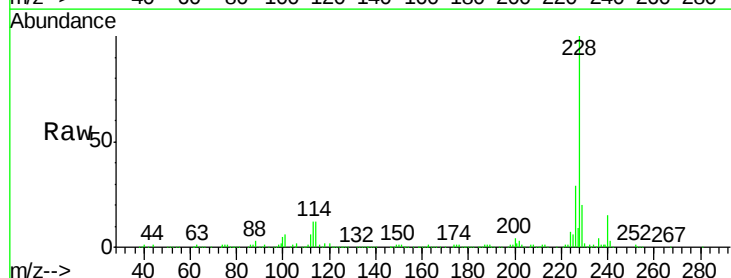
Tgt Ion:228 Resp: 506587

Ion Ratio Lower Upper

228 100

226 28.9 22.6 34.0

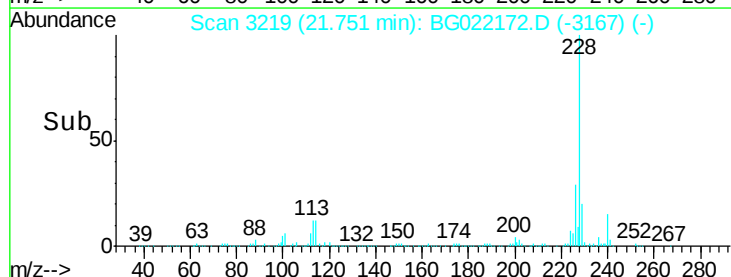
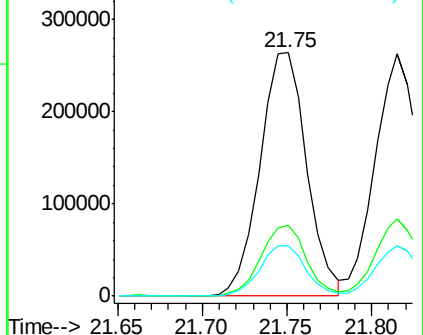
229 20.4 16.1 24.1

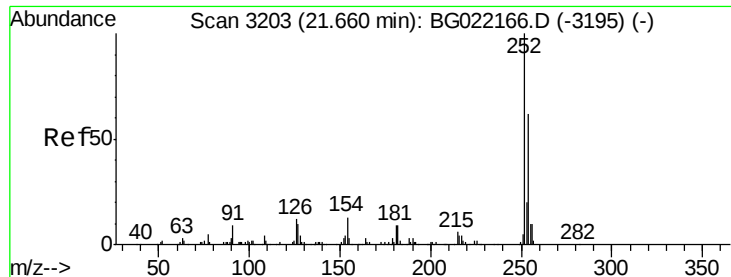


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 40.58 ng

RT: 21.66 min Scan# 3203

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

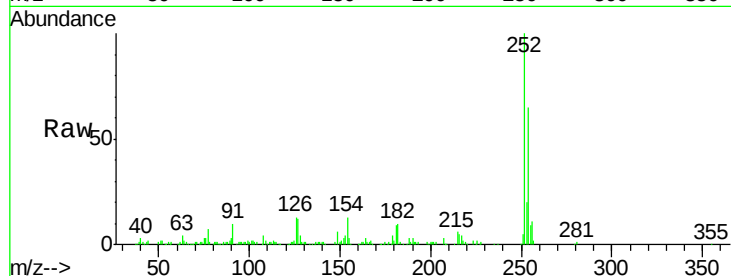
Tgt Ion:252 Resp: 146805

Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

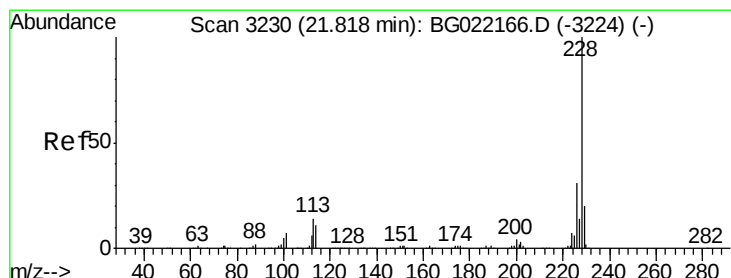
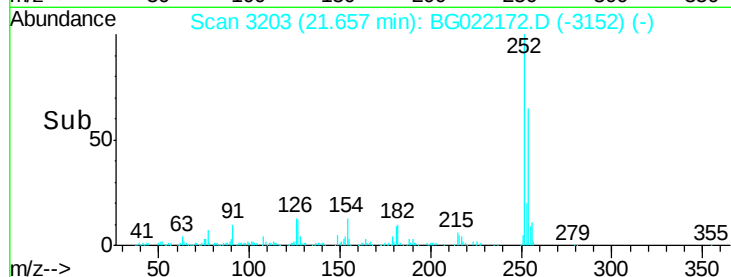
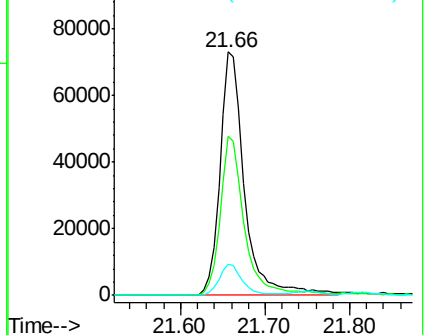
126 12.9 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.78 ng

RT: 21.82 min Scan# 3230

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

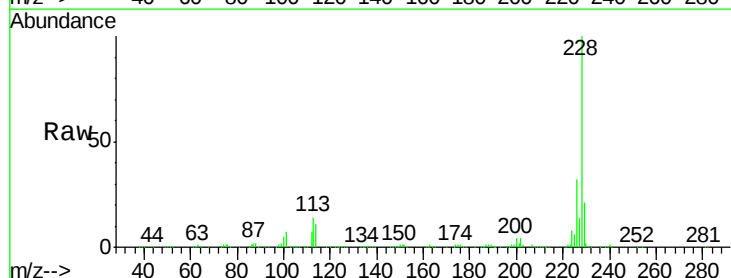
Tgt Ion:228 Resp: 486257

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

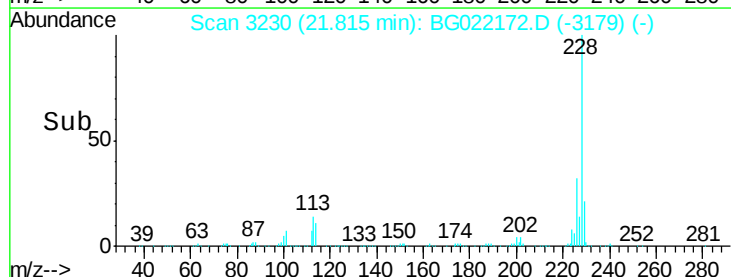
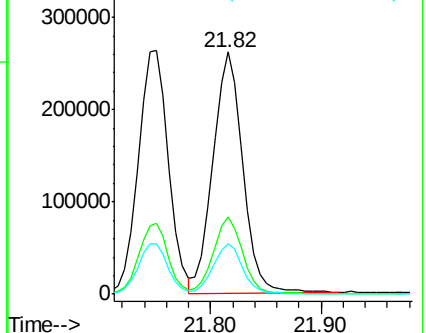
229 20.8 15.9 23.9

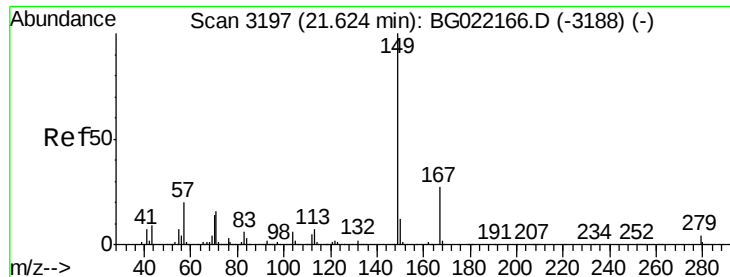


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

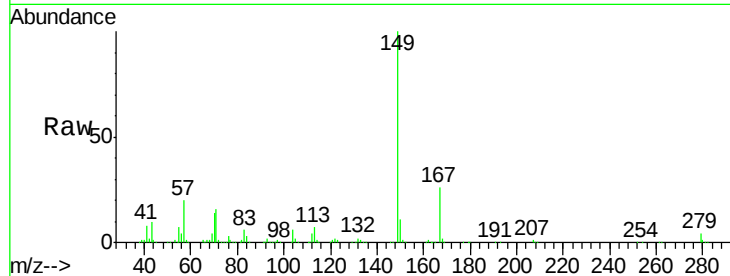




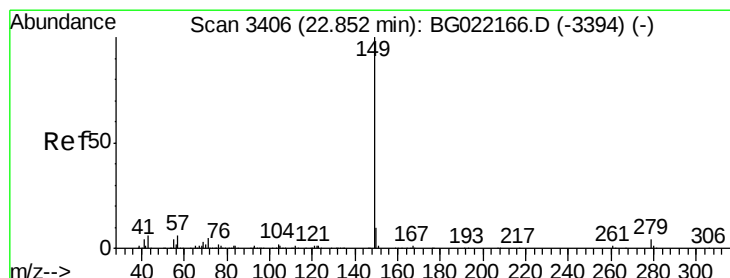
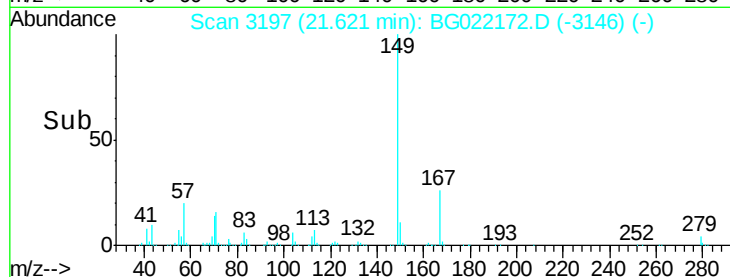
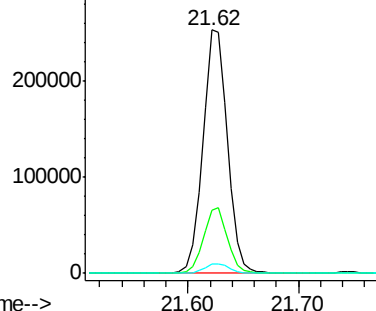
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.41 ng  
 RT: 21.62 min Scan# 3197  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:149 Resp: 393672  
 Ion Ratio Lower Upper  
 149 100  
 167 26.1 22.4 33.6  
 279 3.7 3.2 4.8

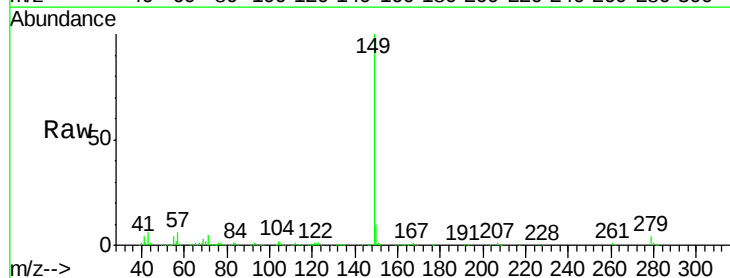


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

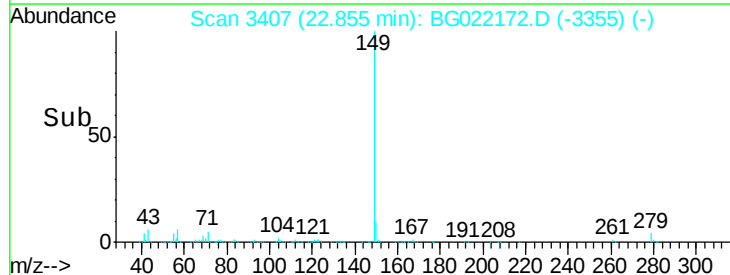
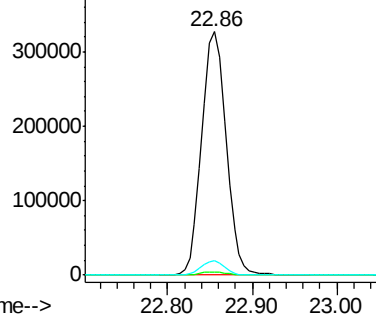


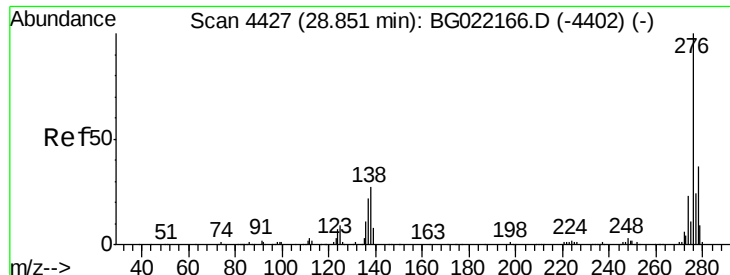
#84  
 Di-n-octyl phthalate  
 Concen: 40.53 ng  
 RT: 22.86 min Scan# 3407  
 Delta R.T. 0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion:149 Resp: 655582  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.3 1.9  
 43 5.8 9.8 14.6#



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BG

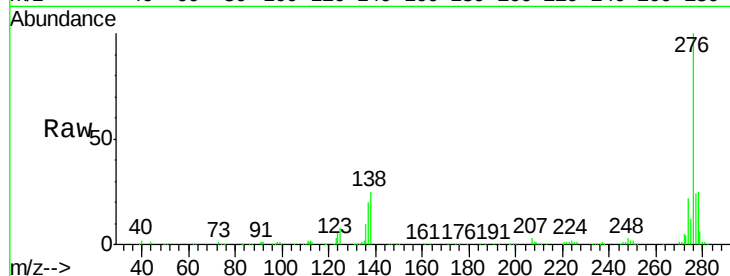




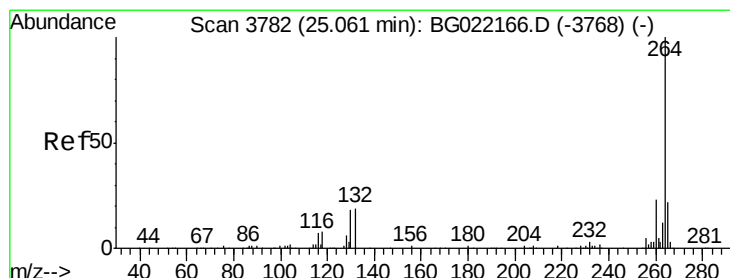
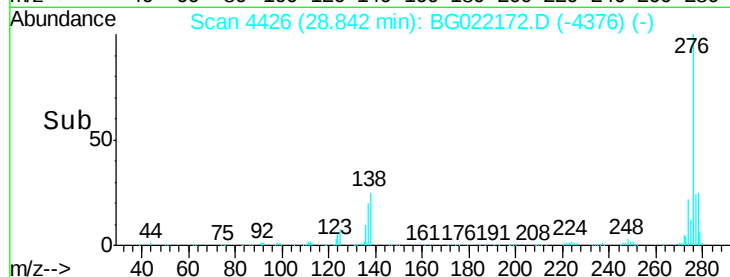
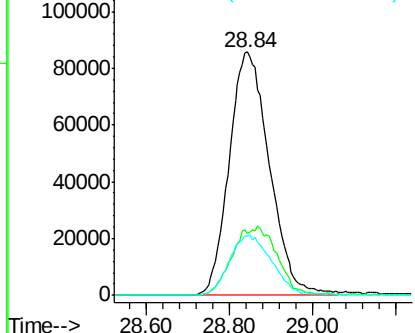
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.01 ng  
 RT: 28.84 min Scan# 4426  
 Delta R.T. -0.01 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:276 Resp: 576916  
 Ion Ratio Lower Upper  
 276 100  
 138 12.0 14.0 21.0#  
 277 25.7 20.6 30.8

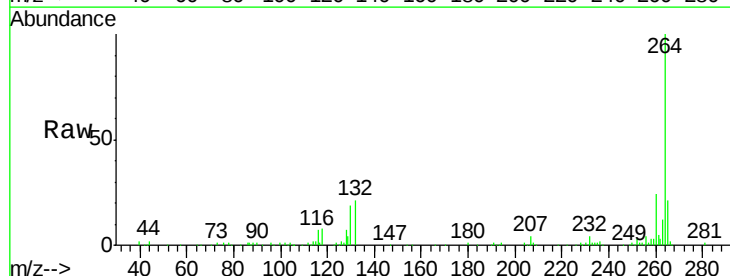


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

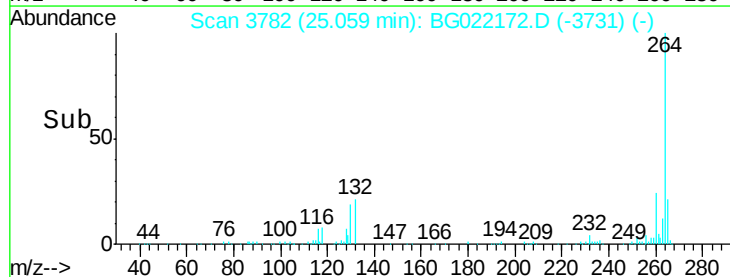
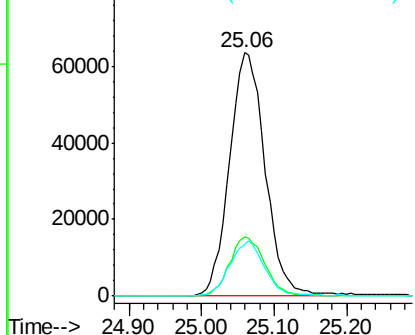


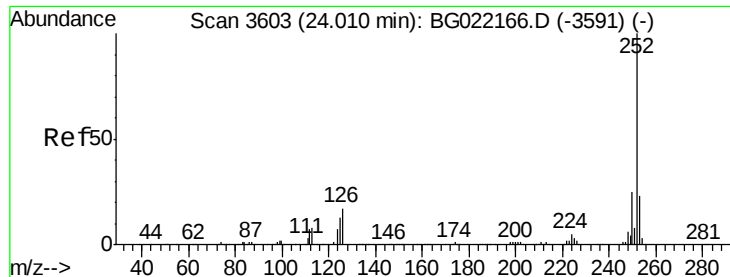
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.06 min Scan# 3782  
 Delta R.T. -0.00 min  
 Lab File: BG022172.D  
 Acq: 6 Jun 2016 17:02

Tgt Ion:264 Resp: 217221  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 20.2 30.4  
 265 21.3 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.85 ng

RT: 24.08 min Scan# 3616

Delta R.T. 0.07 min

Lab File: BG022172.D

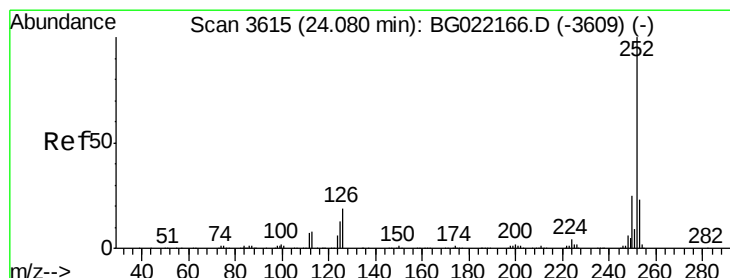
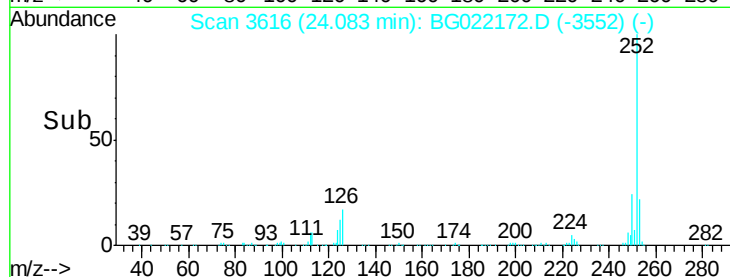
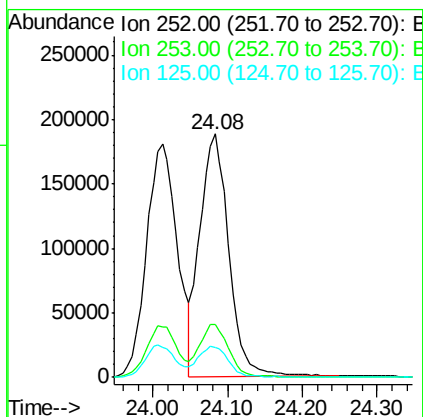
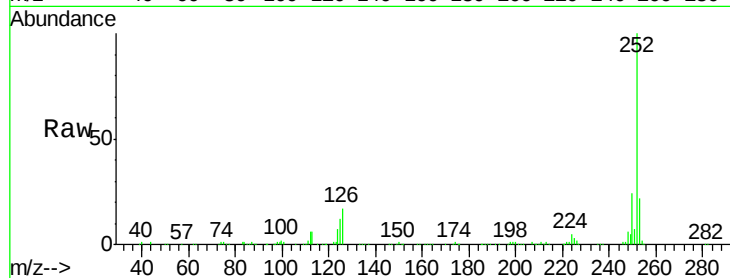
Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 504787 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.5  | 26.3   |
| 125       | 12.4  | 8.6   | 13.0   |



#88

Benzo(k)fluoranthene

Concen: 40.48 ng

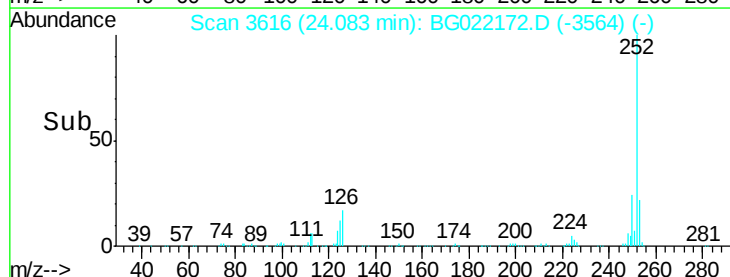
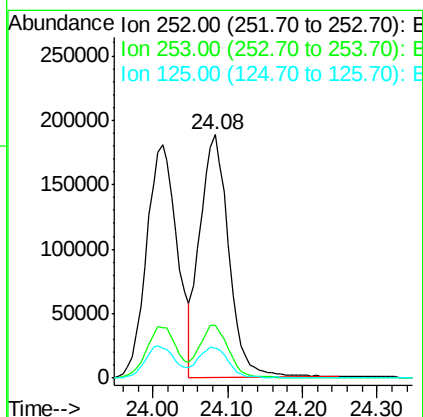
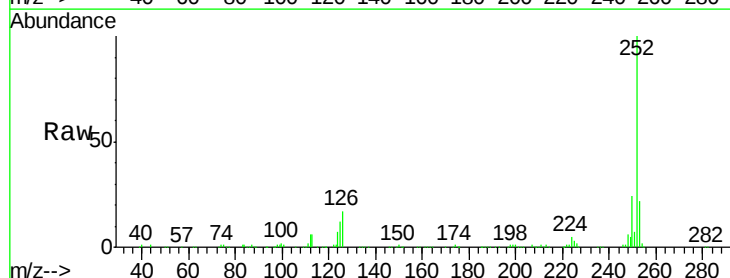
RT: 24.08 min Scan# 3616

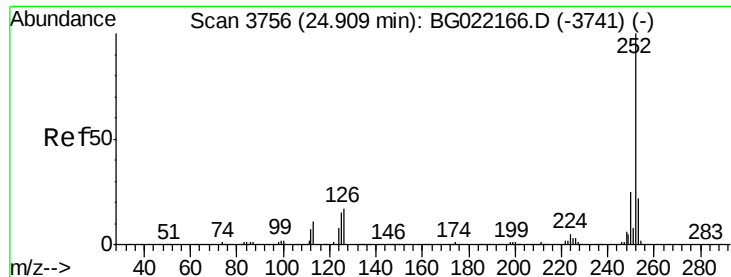
Delta R.T. 0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 504787 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.8  | 26.8   |
| 125       | 12.4  | 8.3   | 12.5   |





#89

Benzo(a)pyrene

Concen: 41.36 ng

RT: 24.91 min Scan# 3756

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :

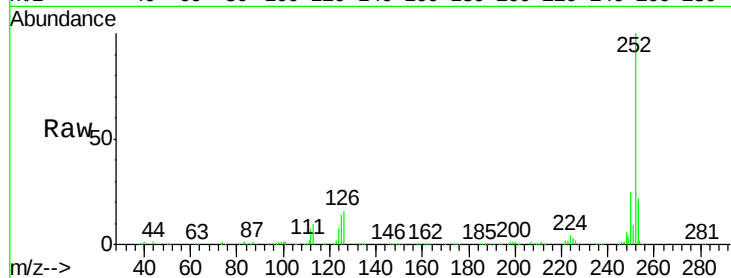
Tgt Ion:252 Resp: 500991

Ion Ratio Lower Upper

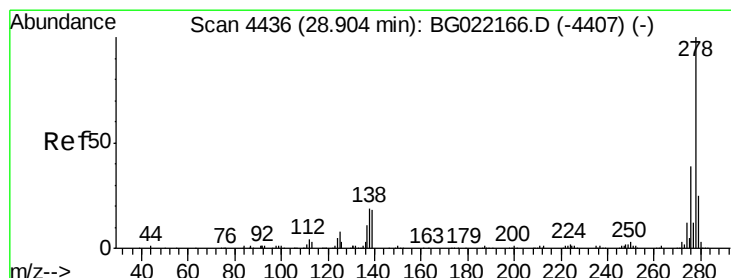
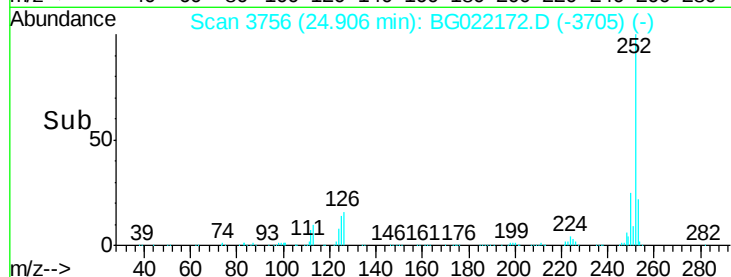
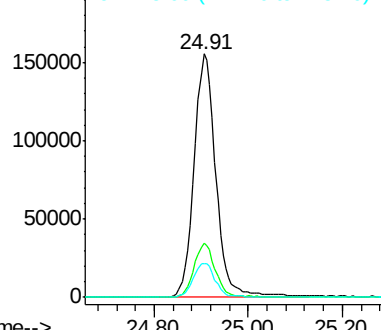
252 100

253 22.2 17.1 25.7

125 14.0 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.35 ng

RT: 28.90 min Scan# 4436

Delta R.T. -0.00 min

Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

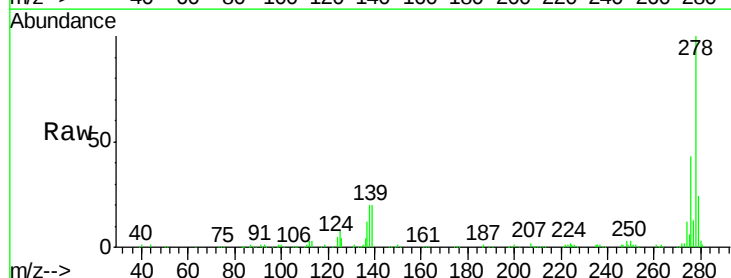
Tgt Ion:278 Resp: 471743

Ion Ratio Lower Upper

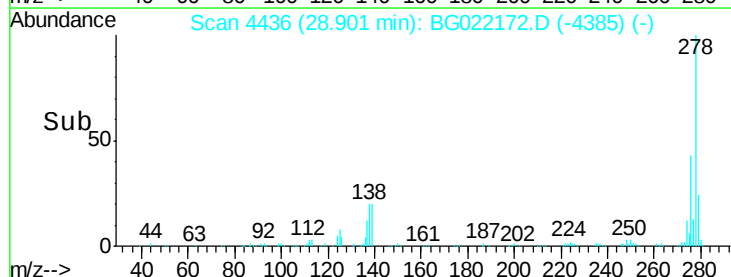
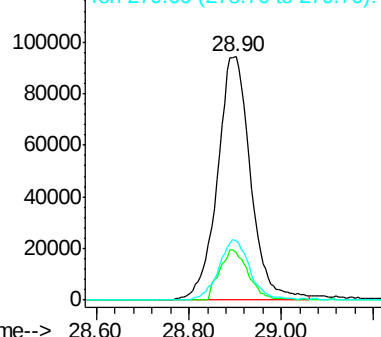
278 100

139 19.6 11.9 17.9#

279 24.5 18.2 27.2



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.69 ng

RT: 30.02 min Scan# 4627

Delta R.T. -0.00 min

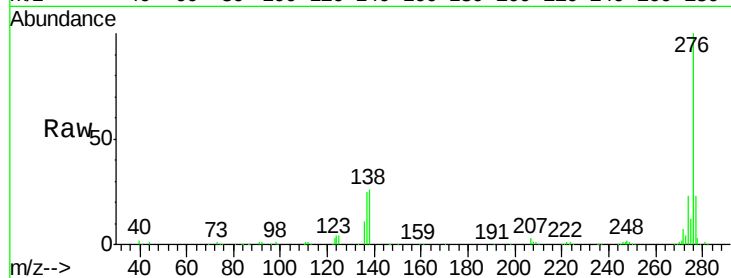
Lab File: BG022172.D

Acq: 6 Jun 2016 17:02

Instrument :

BNA\_G

ClientSampleId :



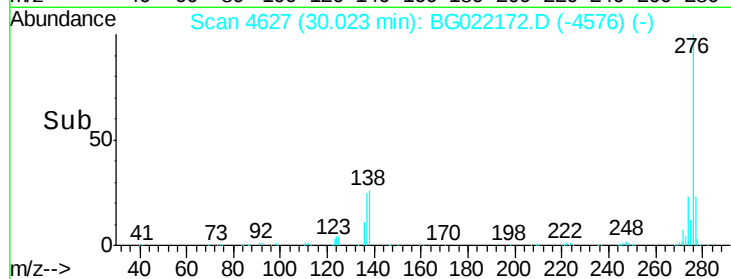
Tgt Ion: 276 Resp: 482973

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.2

138 26.0 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

