

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\  
 Data File : BG026664.D  
 Acq On : 19 Apr 2017 20:11  
 Operator : SJ/MA  
 Sample : I2758-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 20 01:03:33 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 18 18:04:39 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 220544   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.83 | 136  | 919929   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.64 | 164  | 484842   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.37 | 188  | 1075104  | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.62 | 240  | 1195872  | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 24.80 | 264  | 1072169  | 20.00 | ng    | -0.02    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.61  | 112 | 729434  | 60.13 | ng | 0.00  |
| 7) Phenol-d6                | 7.21  | 99  | 69905   | 4.40  | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.19  | 82  | 1217318 | 92.33 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 16.15 | 330 | 618911  | 91.61 | ng | 0.01  |
| 44) 2-Fluorobiphenyl        | 13.28 | 172 | 3093205 | 95.02 | ng | 0.00  |
| 78) Terphenyl-d14           | 19.97 | 244 | 3431452 | 84.71 | ng | -0.01 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.49  | 88  | 1743   | 0.27  | ng | # 10   |
| 3) Pyridine                    | 3.91  | 79  | 4396   | 0.31  | ng | # 66   |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 2818   | 0.68  | ng | # 55   |
| 6) Aniline                     | 7.35  | 93  | 27879  | 1.40  | ng | # 95   |
| 8) 2-Chlorophenol              | 7.60  | 128 | 1069   | 0.07  | ng | # 1    |
| 9) Benzaldehyde                | 7.17  | 77  | 17845  | 1.66  | ng | # 71   |
| 10) Phenol                     | 7.24  | 94  | 5700   | 0.33  | ng | # 93   |
| 11) bis(2-Chloroethyl)ether    | 7.35  | 93  | 27879  | 2.02  | ng | # 19   |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146 | 58     | 0.00  | ng | # 12   |
| 13) 1,4-Dichlorobenzene        | 8.03  | 146 | 54     | 0.00  | ng | # 1    |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146 | 541    | 0.03  | ng | # 1    |
| 15) Benzyl Alcohol             | 8.28  | 79  | 349122 | 35.12 | ng | # 77   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 445    | 0.03  | ng | # 1    |
| 17) 2-Methylphenol             | 8.28  | 107 | 233487 | 19.26 | ng | # 45   |
| 18) Hexachloroethane           | 9.10  | 117 | 73     | 0.01  | ng | # 1    |
| 19) n-Nitroso-di-n-propylamine | 8.80  | 70  | 1597   | 0.16  | ng | # 1    |
| 20) 3+4-Methylphenols          | 8.72  | 107 | 97834  | 5.87  | ng | # 35   |
| 22) Acetophenone               | 8.85  | 105 | 25223  | 1.20  | ng | # 82   |
| 24) Nitrobenzene               | 9.19  | 77  | 3865   | 0.28  | ng | # 38   |
| 25) Isophorone                 | 9.74  | 82  | 19035  | 0.70  | ng | # 89   |
| 26) 2-Nitrophenol              | 10.17 | 139 | 1056   | 0.12  | ng | # 97   |
| 27) 2,4-Dimethylphenol         | 10.22 | 122 | 844    | 0.06  | ng | # 96   |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 446    | 0.03  | ng | # 5    |
| 30) 1,2,4-Trichlorobenzene     | 10.60 | 180 | 110    | 0.01  | ng | # 12   |
| 31) Naphthalene                | 10.88 | 128 | 34099  | 0.76  | ng | # 97   |
| 32) Benzoic acid               | 10.13 | 122 | 112    | 9.02  | ng | # 1    |
| 33) 4-Chloroaniline            | 11.00 | 127 | 20706  | 1.07  | ng | # 1    |
| 34) Hexachlorobutadiene        | 11.05 | 225 | 63     | 0.01  | ng | # 26   |
| 35) Caprolactam                | 11.75 | 113 | 3794   | 0.68  | ng | # 1    |
| 36) 4-Chloro-3-methylphenol    | 12.08 | 107 | 508    | 0.04  | ng | # 25   |
| 37) 2-Methylnaphthalene        | 12.50 | 142 | 8712   | 0.25  | ng | # 95   |
| 40) Hexachlorocyclopentadiene  | 12.86 | 237 | 56     | 0.01  | ng | # 29   |
| 42) 2,4,6-Trichlorophenol      | 13.18 | 196 | 4827   | 0.45  | ng | # 87   |
| 43) 2,4,5-Trichlorophenol      | 13.18 | 196 | 4827   | 0.43  | ng | # 1    |

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 Data File : BG026664.D  
 Acq On : 19 Apr 2017 20:11  
 Operator : SJ/MA  
 Sample : I2758-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

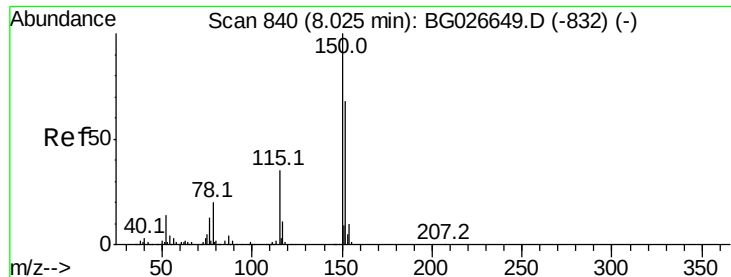
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 20 01:03:33 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 18 18:04:39 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 45) 1,1'-Biphenyl              | 13.49 | 154  | 3123     | 0.08  | nq    | # 60     |
| 46) 2-Chloronaphthalene        | 13.56 | 162  | 320      | 0.01  | nq    | # 1      |
| 47) 2-Nitroaniline             | 13.69 | 65   | 29236    | 3.83  | nq    | # 22     |
| 48) Acenaphthylene             | 14.37 | 152  | 698      | 0.01  | nq    | # 30     |
| 49) Dimethylphthalate          | 14.09 | 163  | 11297    | 0.29  | nq    | # 84     |
| 50) 2,6-Dinitrotoluene         | 14.19 | 165  | 8089     | 0.90  | nq    | # 42     |
| 51) Acenaphthene               | 14.70 | 154  | 4244     | 0.14  | nq    | # 83     |
| 52) 3-Nitroaniline             | 14.51 | 138  | 385      | 0.04  | nq    | # 6      |
| 53) 2,4-Dinitrophenol          | 14.89 | 184  | 8624     | 10.19 | nq    | # 70     |
| 54) Dibenzofuran               | 15.05 | 168  | 1347     | 0.03  | nq    | # 1      |
| 55) 4-Nitrophenol              | 14.94 | 139  | 541      | 0.07  | nq    | # 92     |
| 56) 2,4-Dinitrotoluene         | 14.98 | 165  | 273      | 0.02  | nq    | # 1      |
| 57) Fluorene                   | 15.68 | 166  | 2559     | 0.07  | nq    | # 82     |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.24 | 232  | 3216     | 0.28  | nq    | # 42     |
| 59) Diethylphthalate           | 15.45 | 149  | 4157     | 0.11  | nq    | # 85     |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204  | 151      | 0.01  | nq    | # 1      |
| 61) 4-Nitroaniline             | 15.68 | 138  | 532      | 0.05  | nq    | # 56     |
| 62) Azobenzene                 | 15.98 | 77   | 90380    | 3.00  | nq    | # 1      |
| 64) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 41951    | 5.78  | nq    | # 44     |
| 65) n-Nitrosodiphenylamine     | 15.88 | 169  | 2164     | 0.07  | nq    | # 91     |
| 66) 4-Bromophenyl-phenylether  | 16.61 | 248  | 88       | 0.01  | nq    | # 1      |
| 67) Hexachlorobenzene          | 16.67 | 284  | 53       | 0.00  | nq    | # 1      |
| 68) Atrazine                   | 16.82 | 200  | 687      | 0.06  | nq    | # 36     |
| 69) Pentachlorophenol          | 17.04 | 266  | 8925     | 1.14  | nq    | # 95     |
| 70) Phenanthrene               | 17.42 | 178  | 2415     | 0.04  | nq    | # 67     |
| 71) Anthracene                 | 17.51 | 178  | 1585     | 0.03  | nq    | # 15     |
| 72) Carbazole                  | 17.75 | 167  | 499      | 0.01  | nq    | # 1      |
| 73) Di-n-butylphthalate        | 18.32 | 149  | 8362     | 0.14  | nq    | # 45     |
| 74) Fluoranthene               | 19.42 | 202  | 2681     | 0.04  | nq    | # 1      |
| 76) Benzidine                  | 19.59 | 184  | 16092    | 4.17  | nq    | # 1      |
| 77) Pyrene                     | 19.77 | 202  | 2431     | 0.04  | nq    | # 1      |
| 79) Butylbenzylphthalate       | 20.66 | 149  | 857      | 0.03  | nq    | # 1      |
| 80) Benzo(a)anthracene         | 21.61 | 228  | 5319     | 0.08  | nq    | # 1      |
| 81) 3,3'-Dichlorobenzidine     | 21.50 | 252  | 1422     | 0.05  | nq    | # 53     |
| 82) Chrysene                   | 21.61 | 228  | 5319     | 0.09  | nq    | # 1      |
| 83) Bis(2-ethylhexyl)phthalate | 21.50 | 149  | 49941    | 1.25  | nq    | # 94     |
| 84) Di-n-octyl phthalate       | 22.69 | 149  | 1365     | 0.02  | nq    | # 49     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.46 | 276  | 901      | 0.01  | nq    | # 42     |
| 87) Benzo(b)fluoranthene       | 23.77 | 252  | 568      | 0.01  | nq    | # 1      |
| 88) Benzo(k)fluoranthene       | 23.83 | 252  | 2271     | 0.04  | nq    | # 1      |
| 89) Benzo(a)pyrene             | 24.66 | 252  | 1065     | 0.02  | nq    | # 1      |
| 90) Dibenzo(a,h)anthracene     | 28.52 | 278  | 414      | 0.01  | nq    | # 1      |
| 91) Benzo(g,h,i)perylene       | 29.55 | 276  | 712      | 0.01  | nq    | # 1      |

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



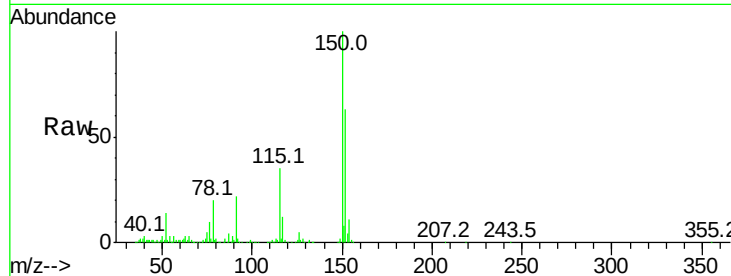


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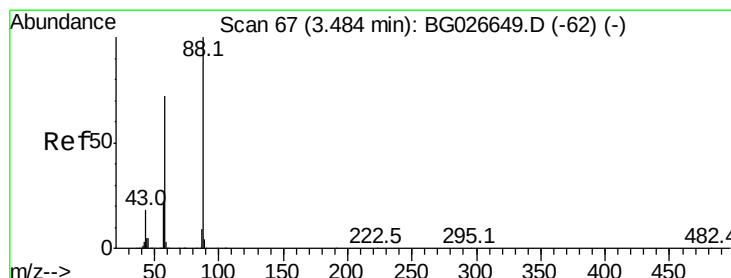
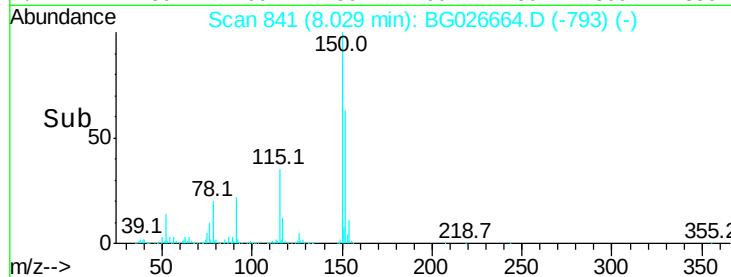
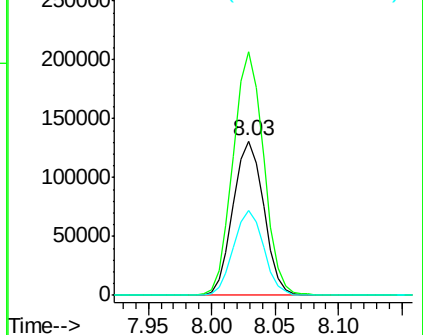
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.03 min Scan# 841  
Delta R.T. -0.02 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 220544  
Ion Ratio Lower Upper  
152 100  
150 157.7 114.0 171.0  
115 55.0 48.1 72.1



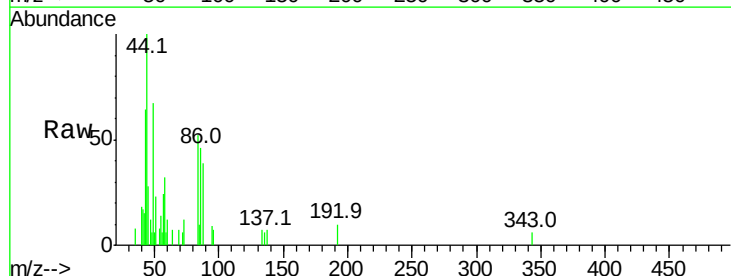
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



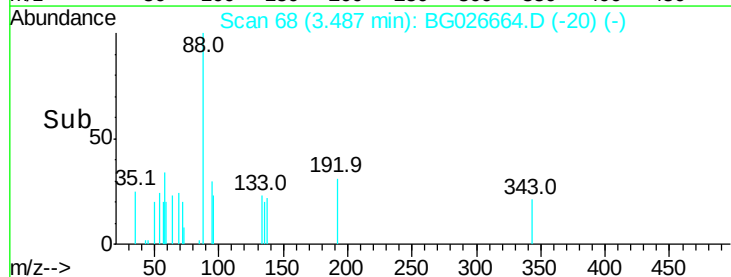
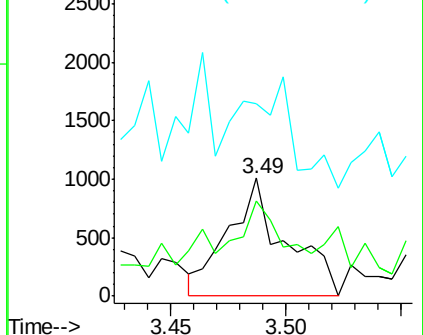
#2

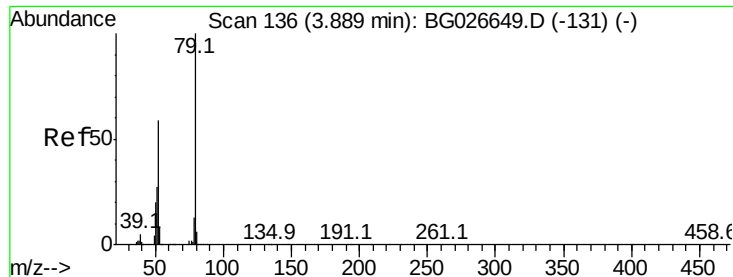
1,4-Dioxane  
Concen: 0.27 ng  
RT: 3.49 min Scan# 68  
Delta R.T. -0.02 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

Tgt Ion: 88 Resp: 1743  
Ion Ratio Lower Upper  
88 100  
58 0.0 79.4 119.2#  
43 0.0 33.8 50.6#



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

Pvridine

Concen: 0.31 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

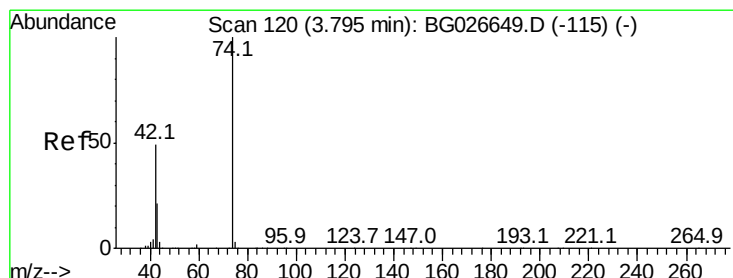
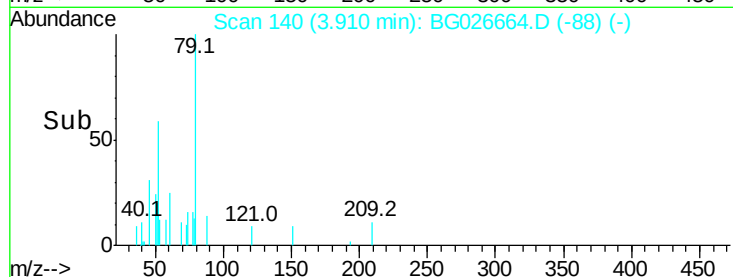
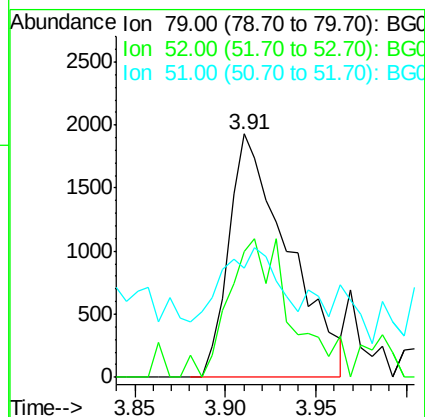
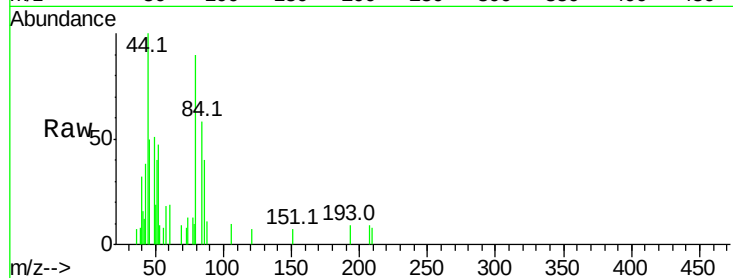
Tot Ion: 79 Resp: 4396

Ion Ratio Lower Upper

79 100

52 51.8 77.8 116.6#

51 44.9 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 0.68 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

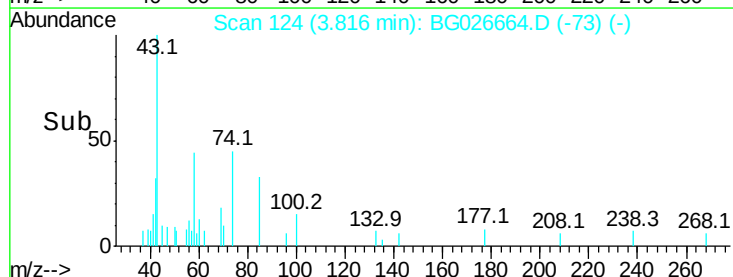
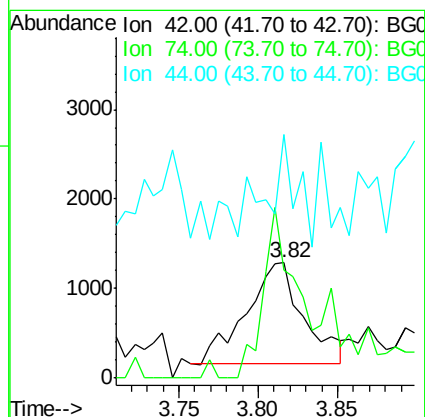
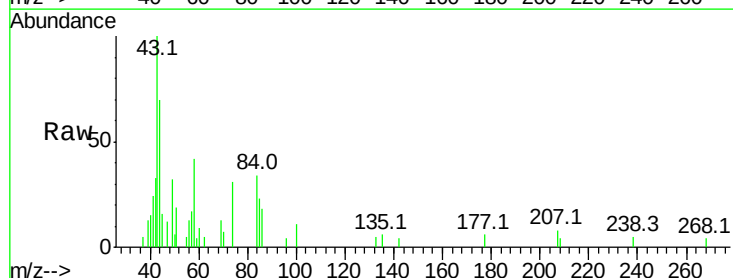
Tgt Ion: 42 Resp: 2818

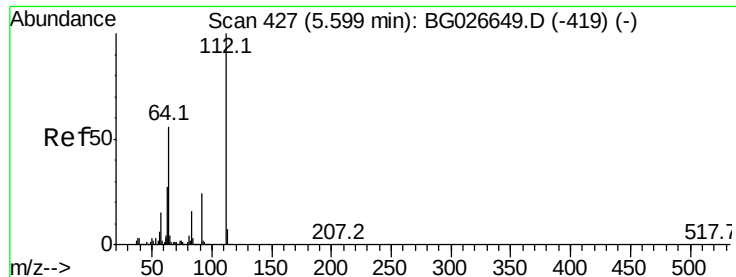
Ion Ratio Lower Upper

42 100

74 93.4 76.7 115.1

44 210.9 6.1 9.1#





#5

2-Fluorophenol

Concen: 60.13 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

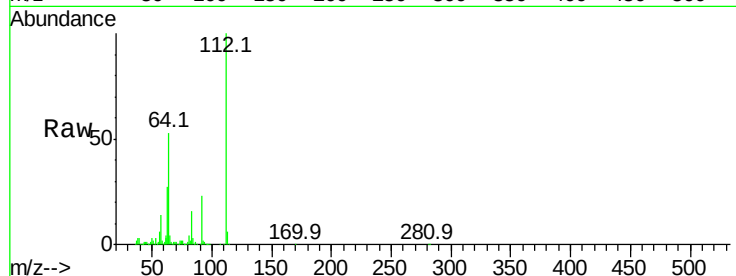
Tot Ion:112 Resp: 729434

Ion Ratio Lower Upper

112 100

64 53.4 61.8 92.6#

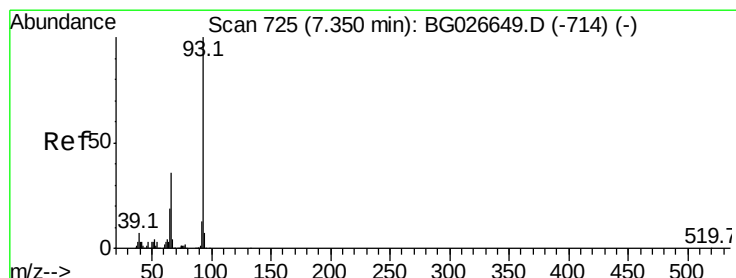
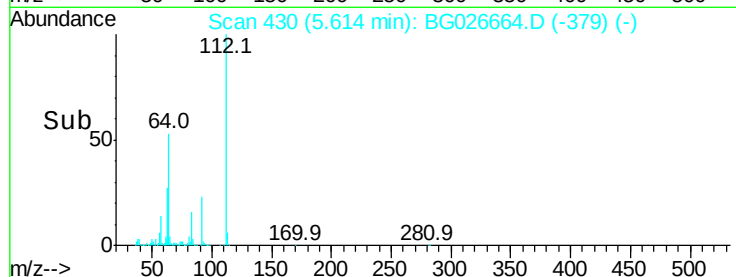
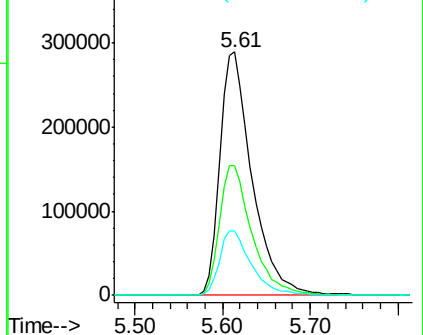
63 26.7 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 1.40 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

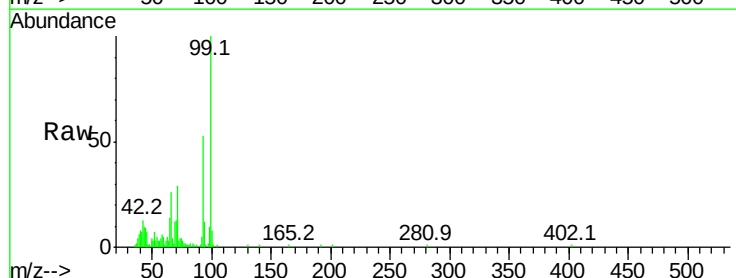
Tgt Ion: 93 Resp: 27879

Ion Ratio Lower Upper

93 100

66 49.2 35.4 53.2

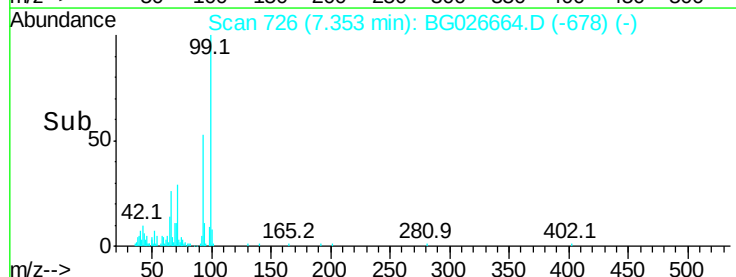
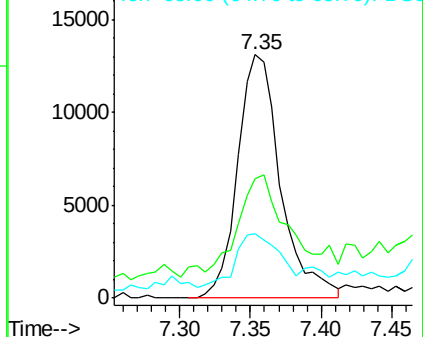
65 26.5 21.2 31.8

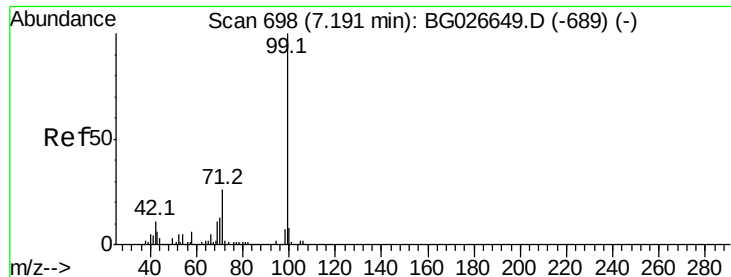


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 4.40 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

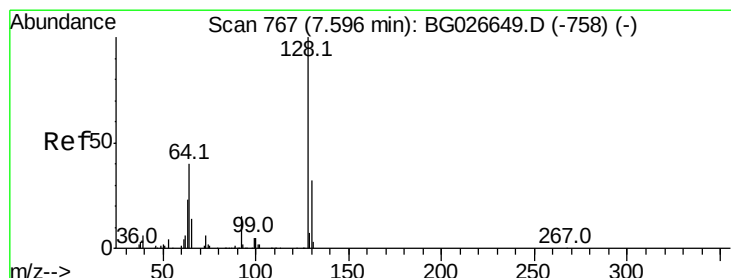
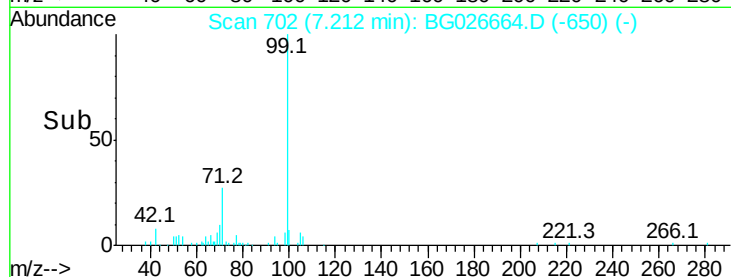
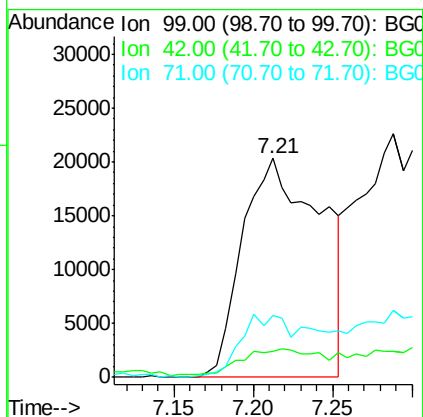
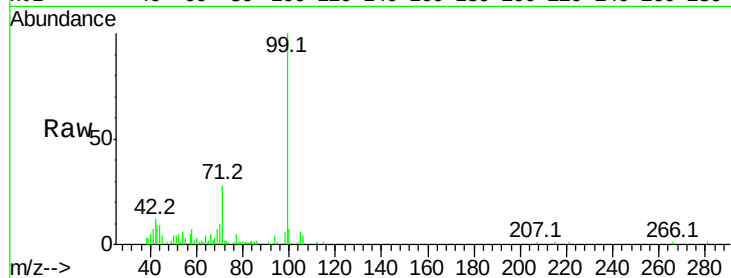
Tot Ion: 99 Resp: 69905

Ion Ratio Lower Upper

99 100

42 11.8 20.5 30.7#

71 28.1 37.6 56.4#



#8

2-Chlorophenol

Concen: 0.07 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

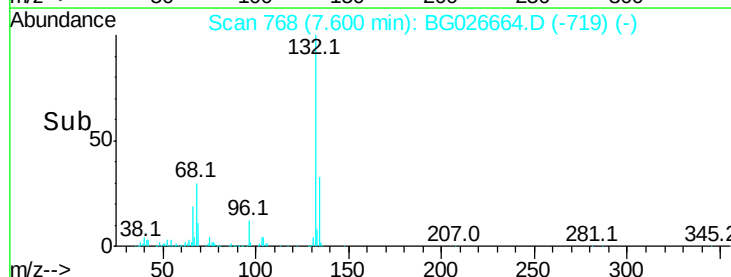
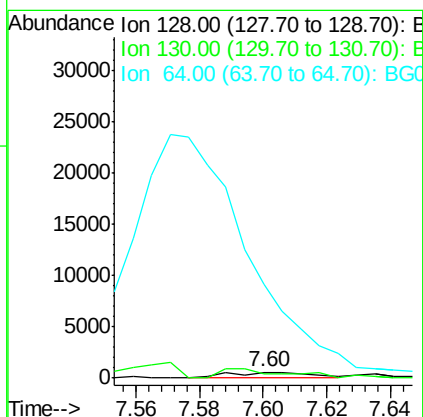
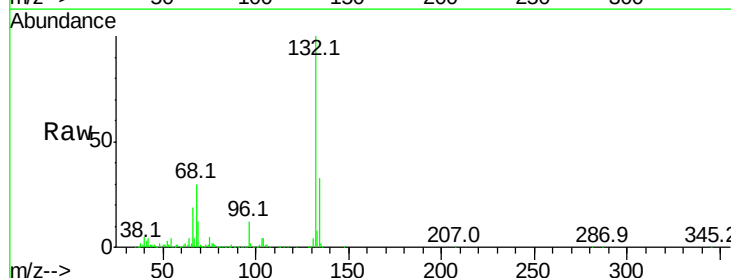
Tgt Ion:128 Resp: 1069

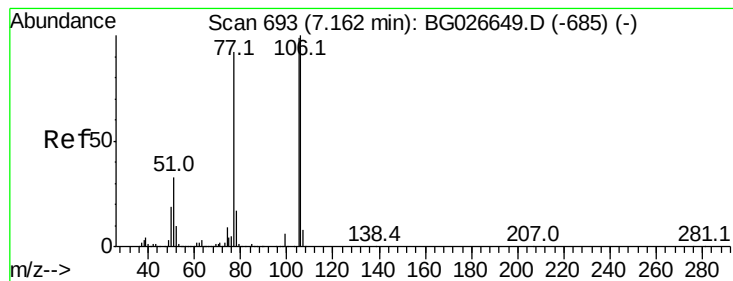
Ion Ratio Lower Upper

128 100

130 64.4 11.4 51.4#

64 1568.0 46.6 86.6#





#9

Benzaldehyde

Concen: 1.66 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampled :

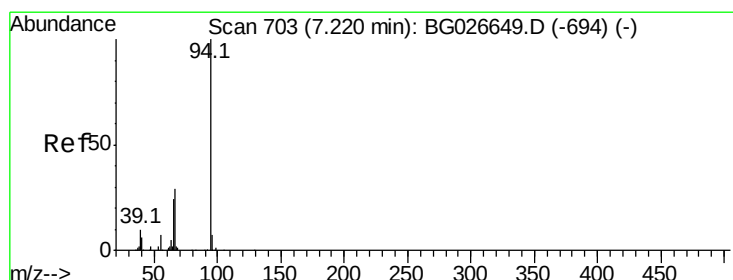
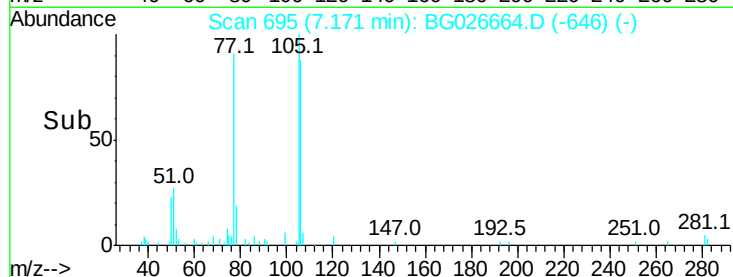
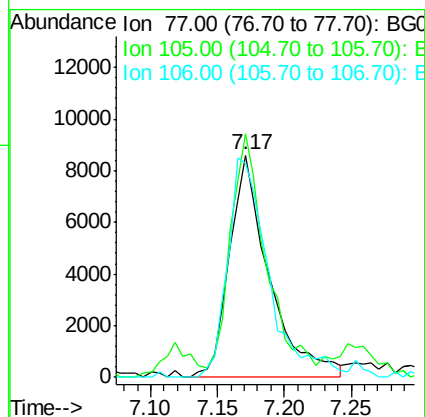
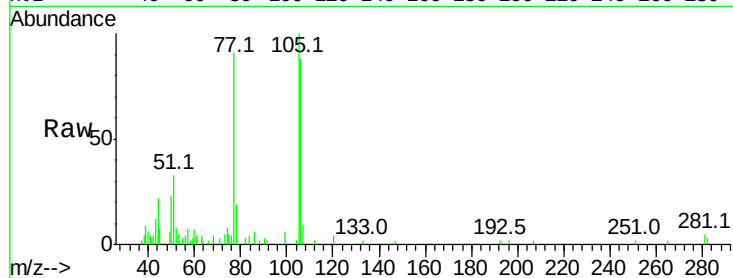
Tot Ion: 77 Resp: 17845

Ion Ratio Lower Upper

77 100

105 109.6 60.9 100.9#

106 96.3 55.1 95.1#



#10

Phenol

Concen: 0.33 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

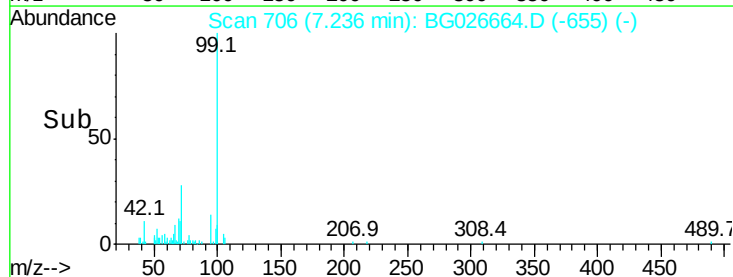
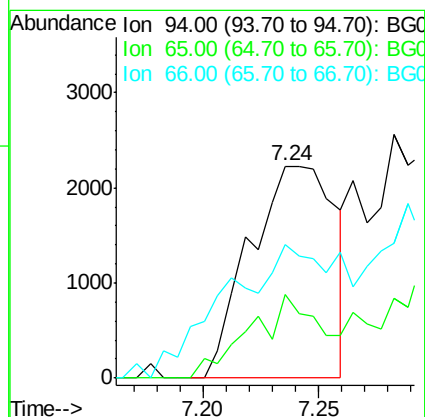
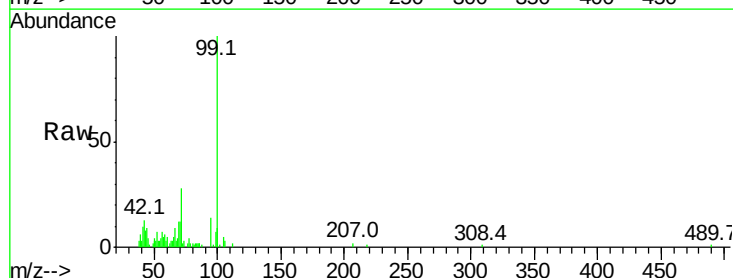
Tgt Ion: 94 Resp: 5700

Ion Ratio Lower Upper

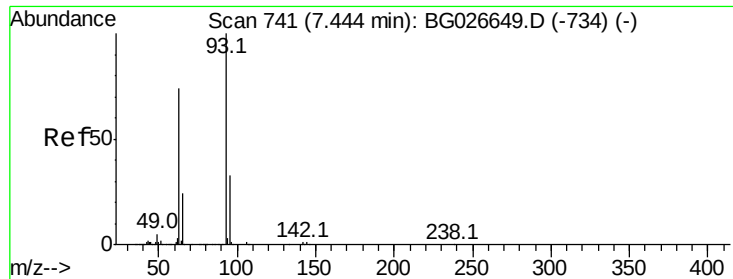
94 100

65 39.2 20.6 60.6

66 62.6 35.5 75.5



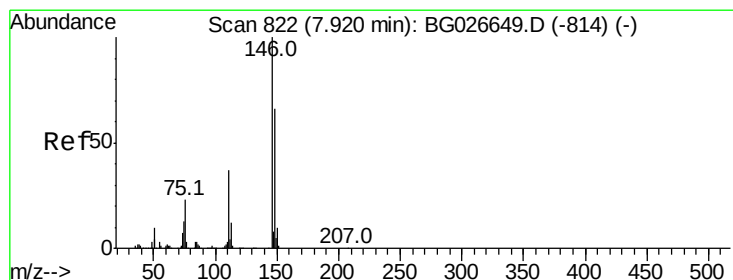
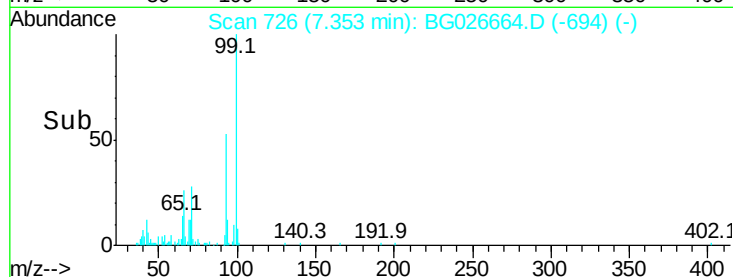
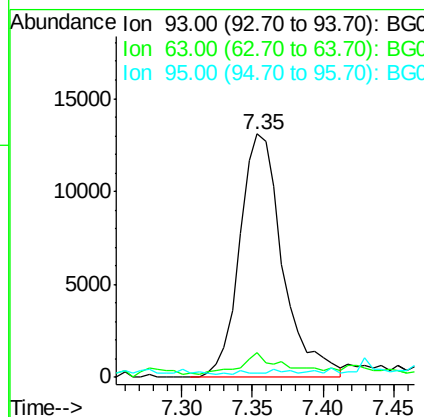
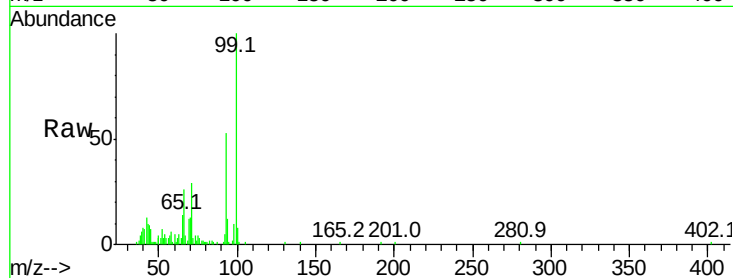




#11  
bis(2-Chloroethyl)ether  
Concen: 2.02 ng  
RT: 7.35 min Scan# 726  
Delta R.T. -0.11 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

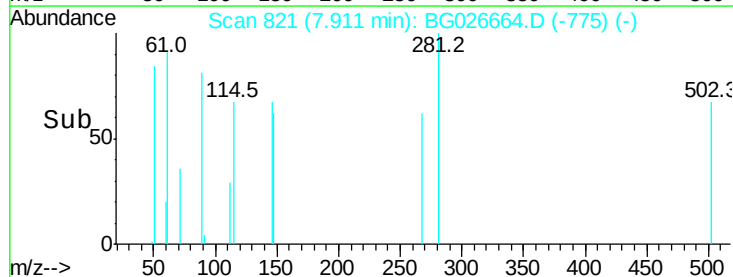
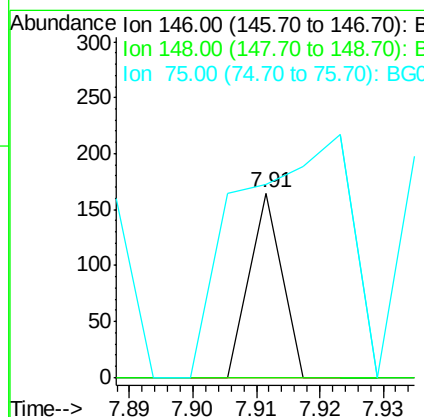
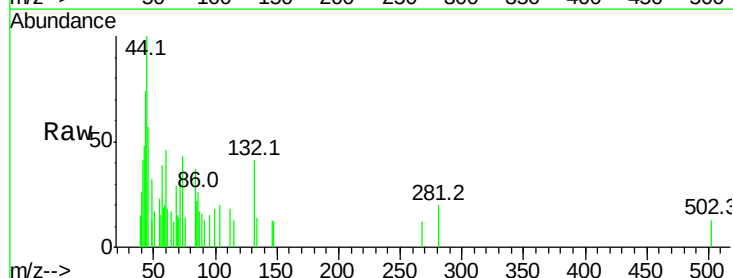
Instrument :  
BNA\_G  
ClientSampleId :

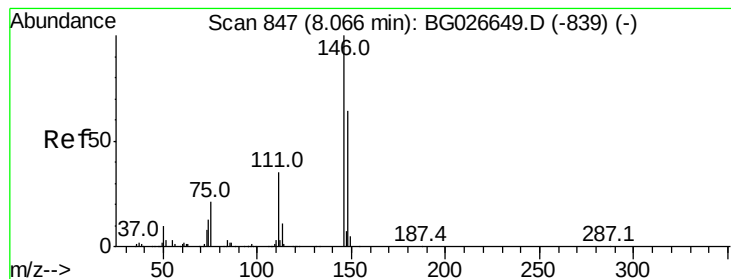
Tot Ion: 93 Resp: 27879  
Ion Ratio Lower Upper  
93 100  
63 10.1 78.5 118.5#  
95 1.6 9.8 49.8#



#12  
1,3-Dichlorobenzene  
Concen: 0.00 ng  
RT: 7.91 min Scan# 821  
Delta R.T. -0.03 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

Tgt Ion:146 Resp: 58  
Ion Ratio Lower Upper  
146 100  
148 0.0 49.2 73.8#  
75 104.2 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 0.00 ng

RT: 8.03 min Scan# 842

Delta R.T. -0.05 min

Lab File: BG026664.D

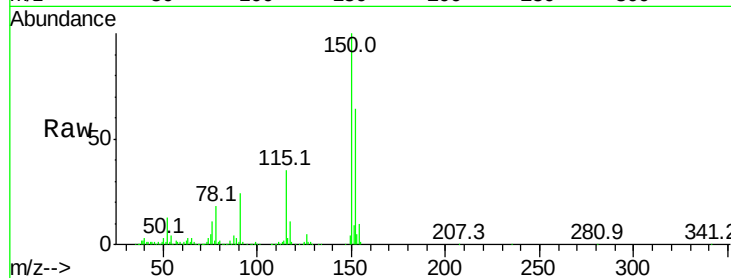
Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 0.0   | 52.2  | 78.2# |
| 111     | 810.5 | 37.0  | 55.6# |

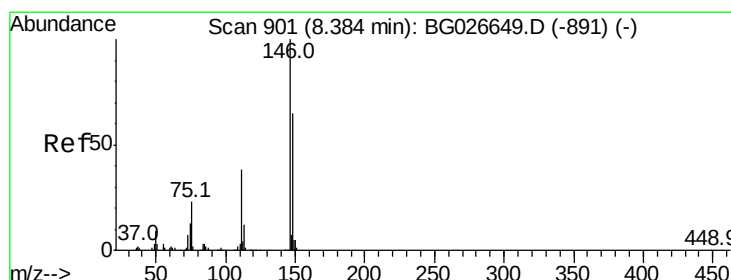
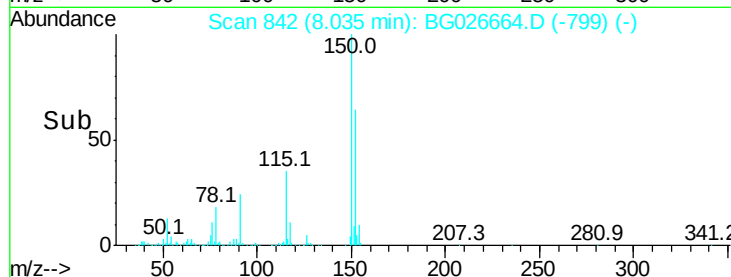
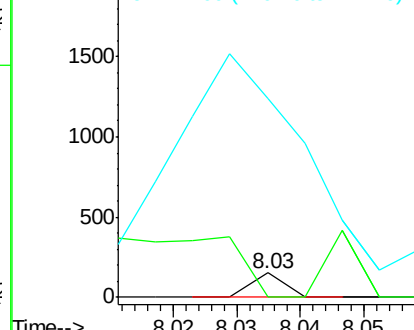


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.03 ng

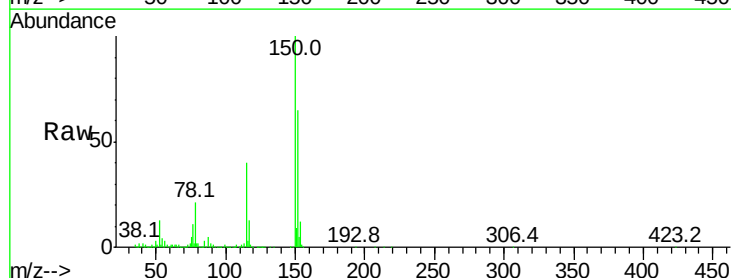
RT: 8.35 min Scan# 896

Delta R.T. -0.05 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 273.7 | 54.6  | 81.8# |
| 111     | 908.1 | 39.7  | 59.5# |

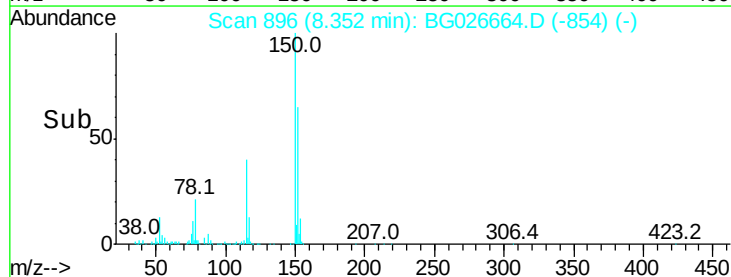
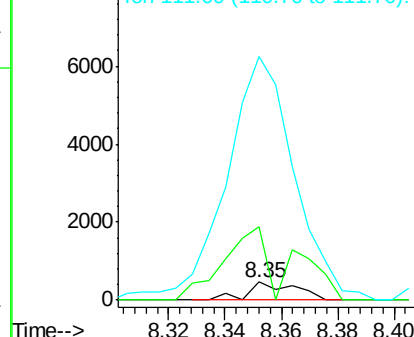


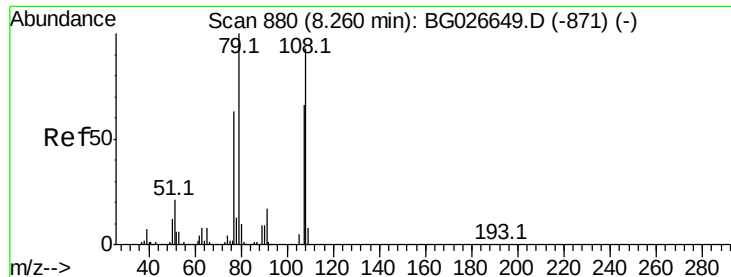
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.12 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

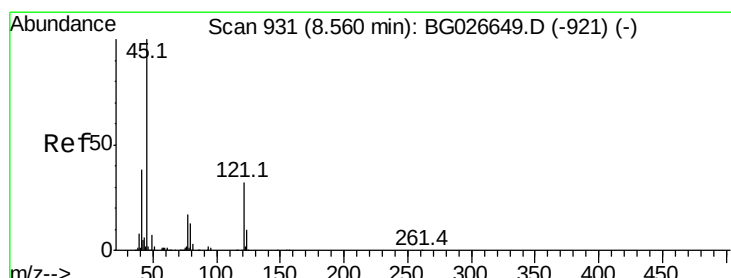
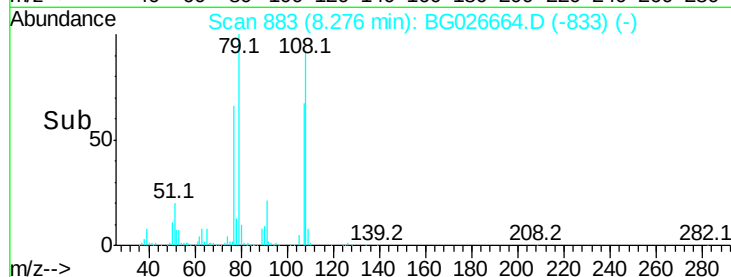
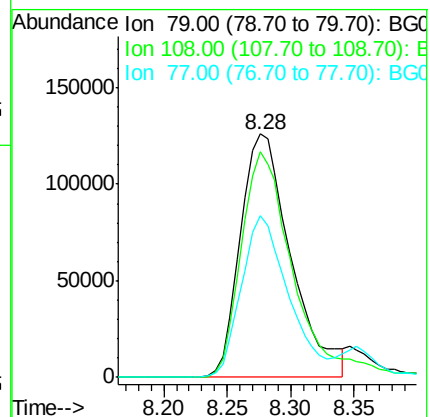
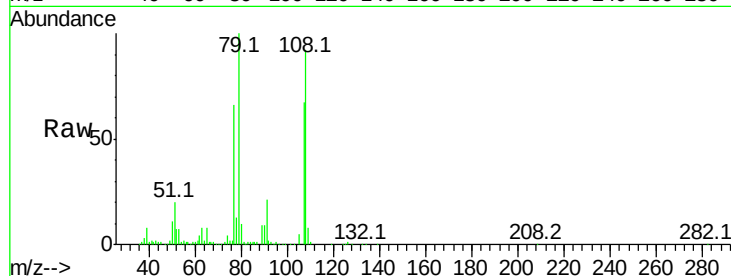
Tot Ion: 79 Resp: 349122

Ion Ratio Lower Upper

79 100

108 92.5 45.5 68.3#

77 66.3 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.03 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

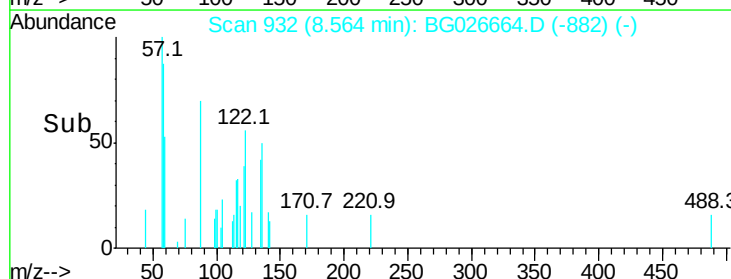
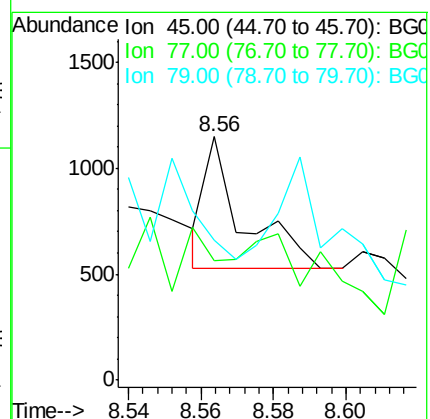
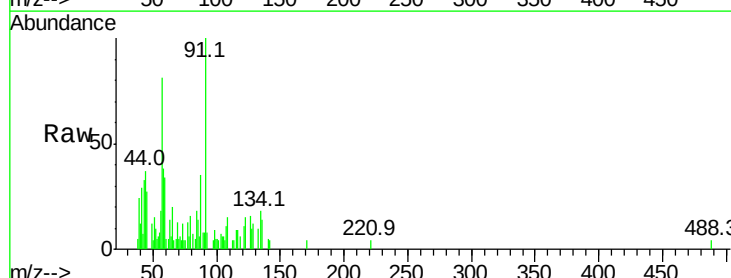
Tgt Ion: 45 Resp: 445

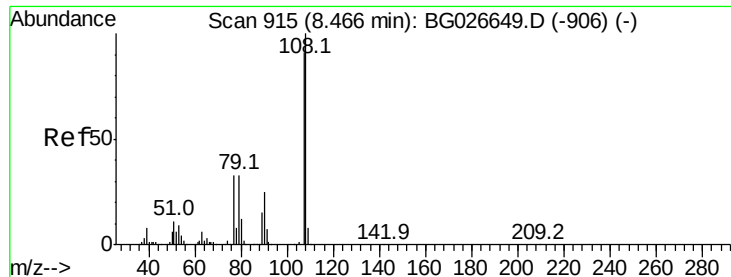
Ion Ratio Lower Upper

45 100

77 49.1 0.0 30.6#

79 57.6 0.0 28.5#





#17

2-Methylphenol

Concen: 19.26 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.21 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 233487

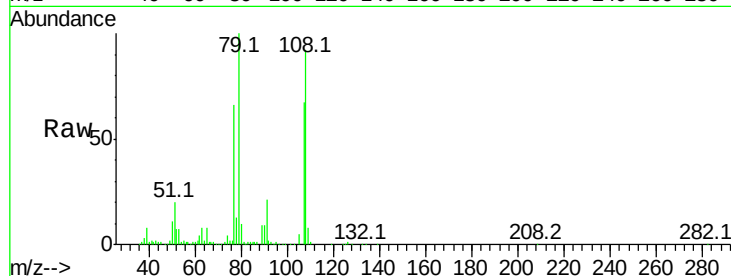
Ion Ratio Lower Upper

107 100

108 137.1 85.6 128.4#

77 98.3 51.4 77.2#

79 148.2 49.2 73.8#



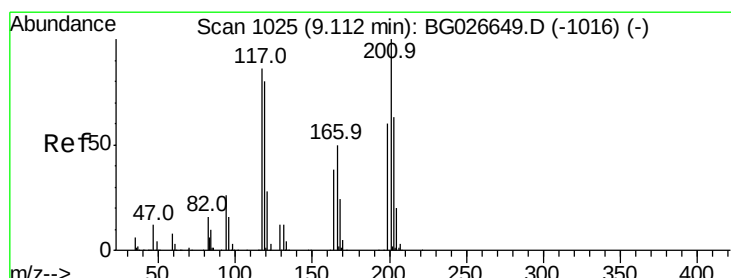
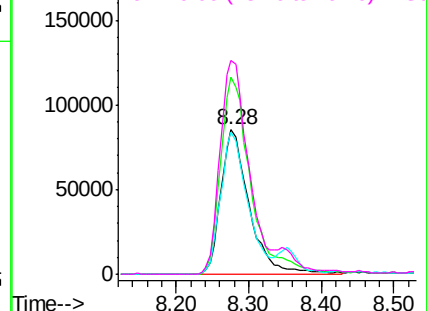
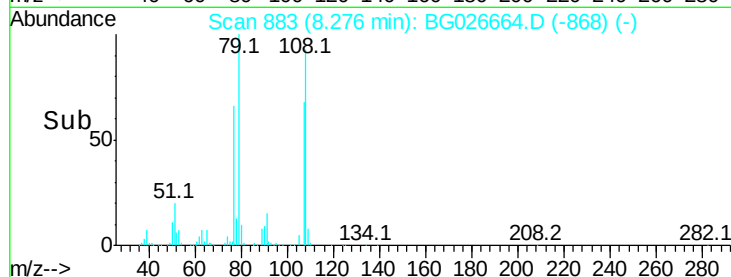
Abundance

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): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 0.01 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

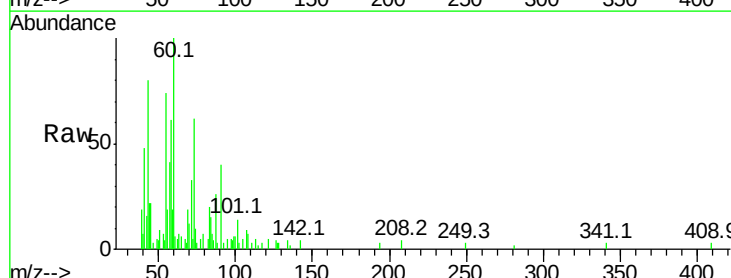
Tgt Ion:117 Resp: 73

Ion Ratio Lower Upper

117 100

119 0.0 69.8 104.6#

201 0.0 95.4 143.0#

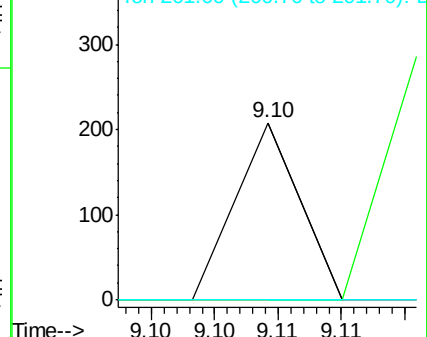
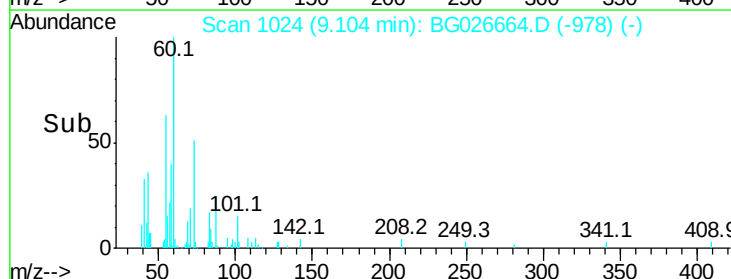


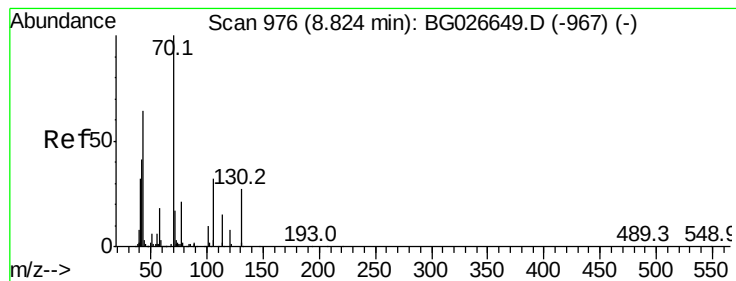
Abundance

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: 0.16 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.04 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampled :

Tot Ion: 70 Resp: 1597

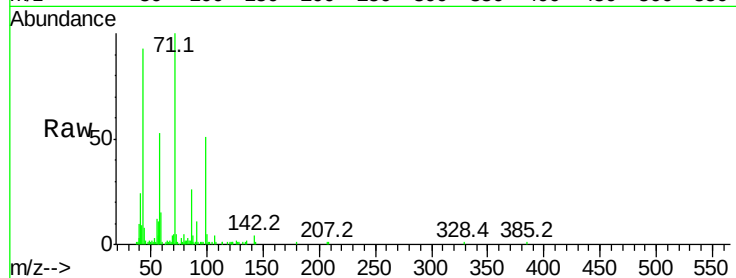
Ion Ratio Lower Upper

70 100

42 182.0 56.1 84.1#

101 12.0 7.5 11.3#

130 0.0 14.6 21.8#



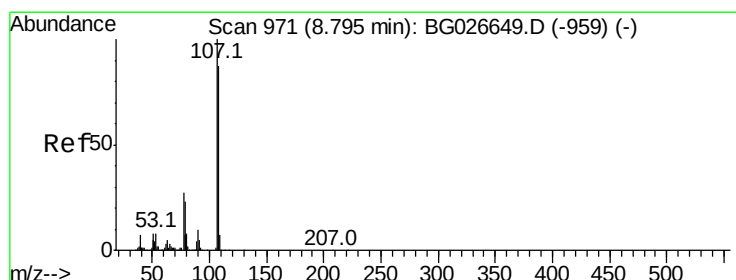
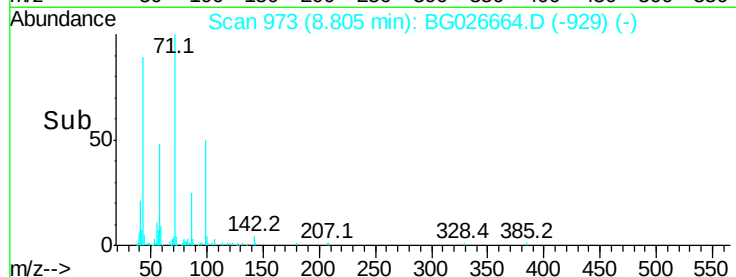
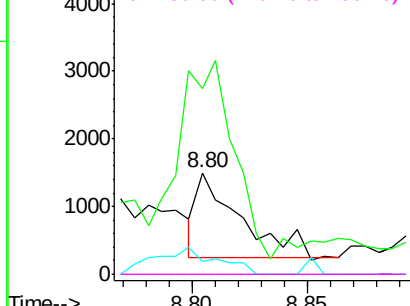
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 5.87 ng

RT: 8.72 min Scan# 958

Delta R.T. -0.09 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Tgt Ion: 107 Resp: 97834

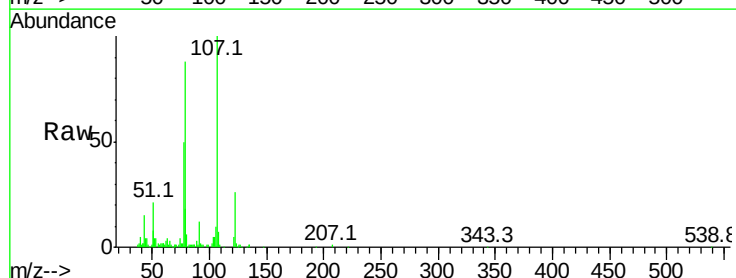
Ion Ratio Lower Upper

107 100

108 7.3 70.8 110.8#

77 50.1 25.8 65.8

79 88.2 20.1 60.1#



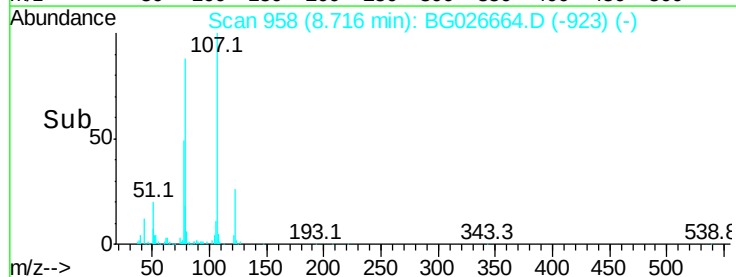
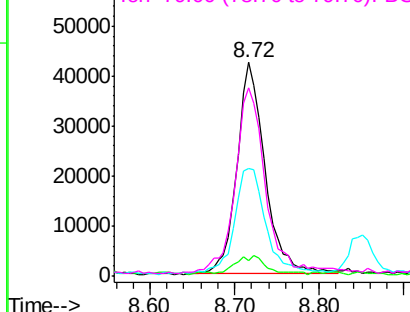
Abundance

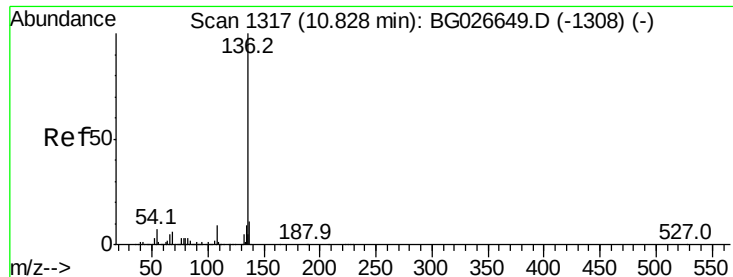
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026664.D

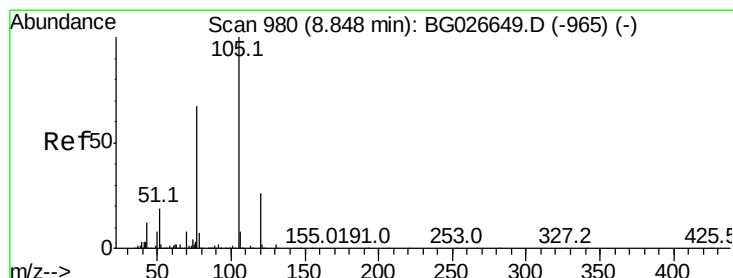
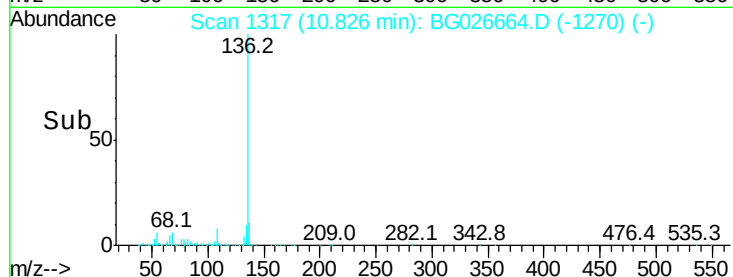
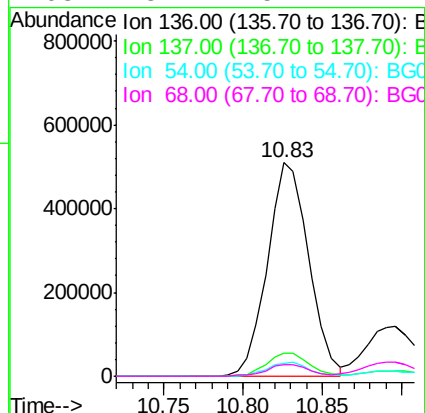
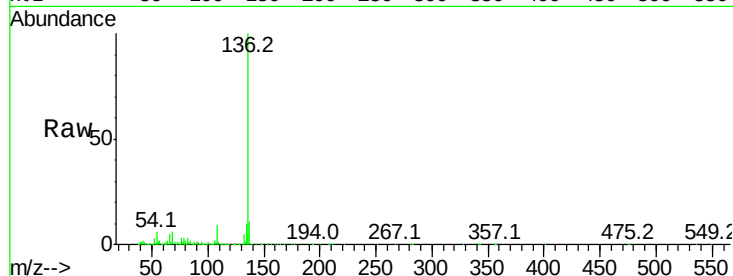
Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 919929    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 11.1  | 8.9 13.3  |
| 54          | 6.1   | 9.3 13.9# |
| 68          | 5.7   | 5.1 7.7   |



#22

Acetophenone

Concen: 1.20 ng

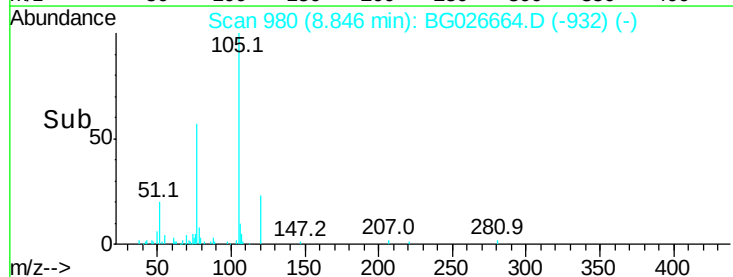
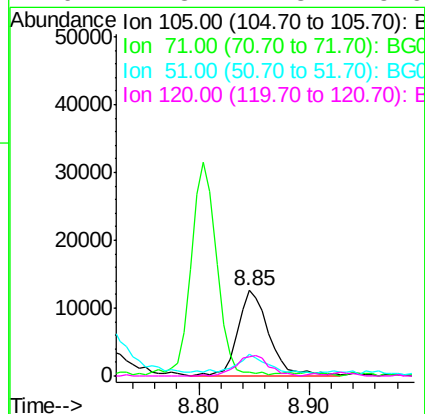
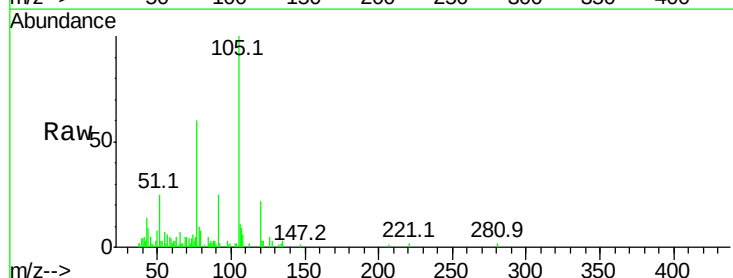
RT: 8.85 min Scan# 980

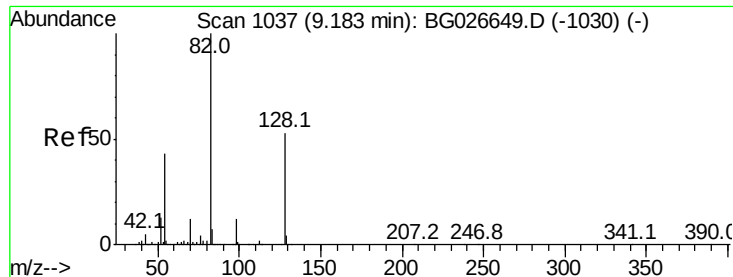
Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 25223      |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 4.3   | 0.9 1.3#   |
| 51          | 25.1  | 34.0 51.0# |
| 120         | 22.3  | 17.3 25.9  |

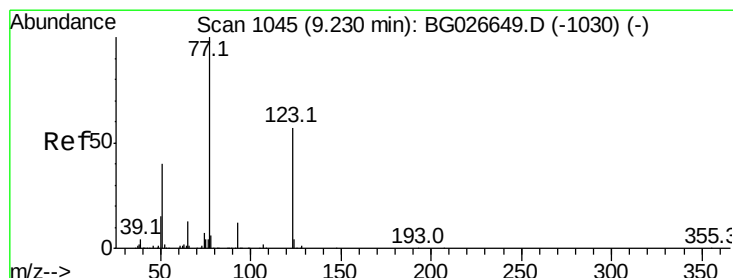
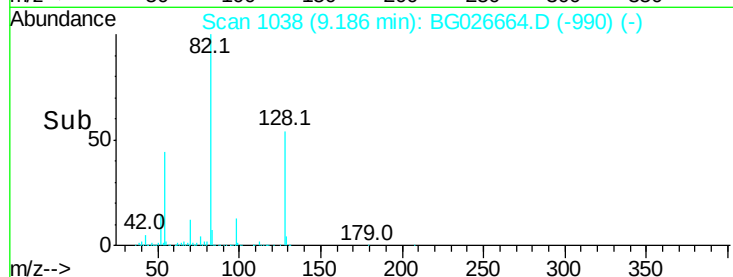
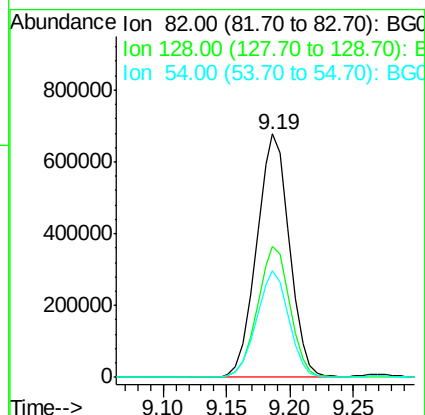
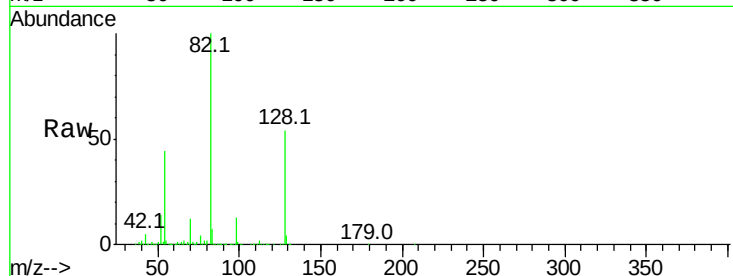




#23  
 Nitrobenzene-d5  
 Concen: 92.33 ng  
 RT: 9.19 min Scan# 1038  
 Delta R.T. -0.02 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

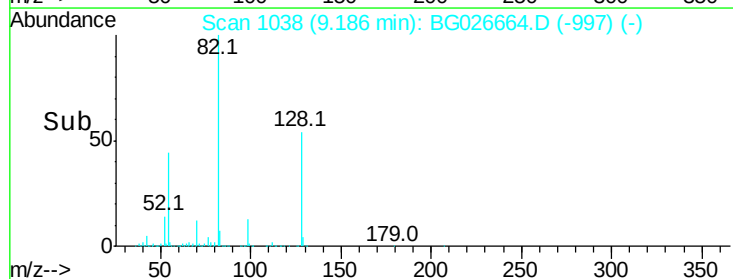
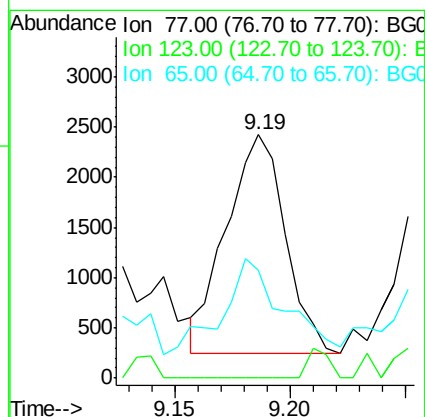
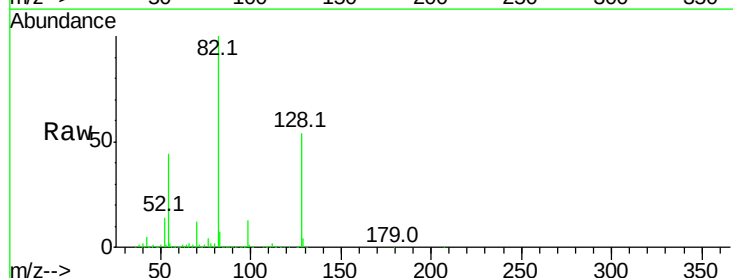
Instrument :  
 BNA\_G  
 ClientSampleId :

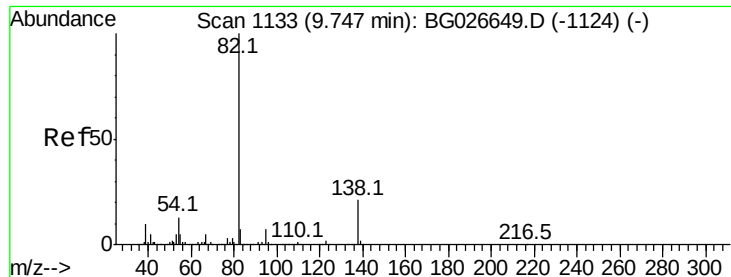
Tot Ion: 82 Resp: 1217318  
 Ion Ratio Lower Upper  
 82 100  
 128 53.9 26.4 39.6#  
 54 43.6 49.4 74.2#



#24  
 Nitrobenzene  
 Concen: 0.28 ng  
 RT: 9.19 min Scan# 1038  
 Delta R.T. -0.06 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

Tgt Ion: 77 Resp: 3865  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 26.1 39.1#  
 65 44.6 12.4 18.6#





#25

Isophorone

Concen: 0.70 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

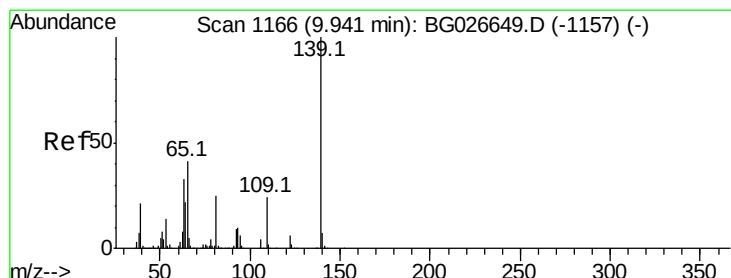
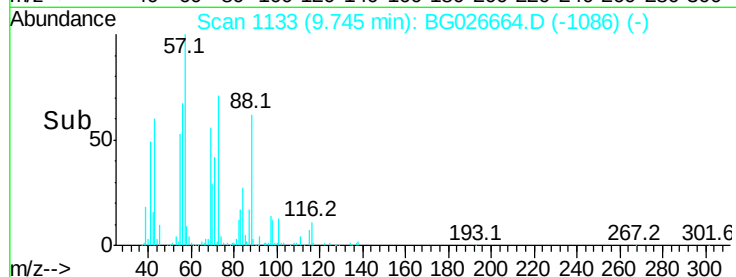
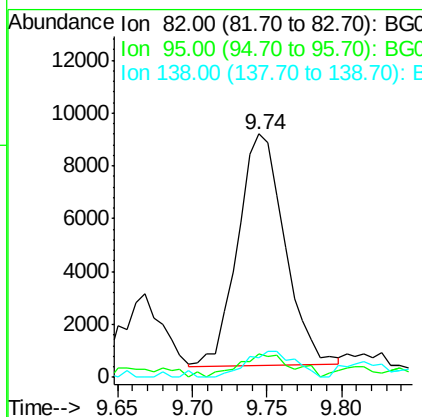
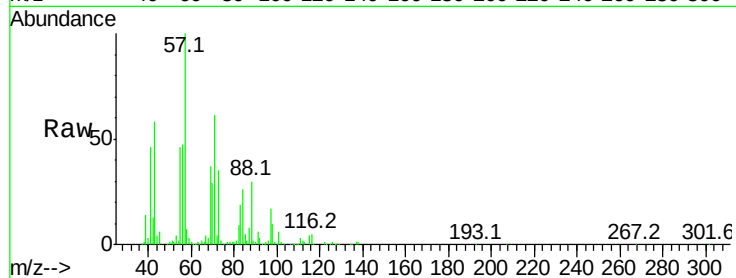
Tot Ion: 82 Resp: 19035

Ion Ratio Lower Upper

82 100

95 9.5 7.5 11.3

138 8.1 12.3 18.5#



#26

2-Nitrophenol

Concen: 0.12 ng

RT: 10.17 min Scan# 1205

Delta R.T. 0.21 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

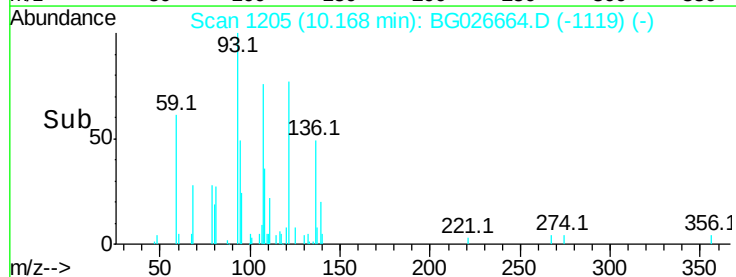
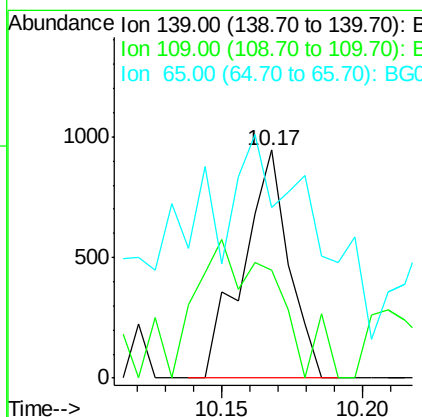
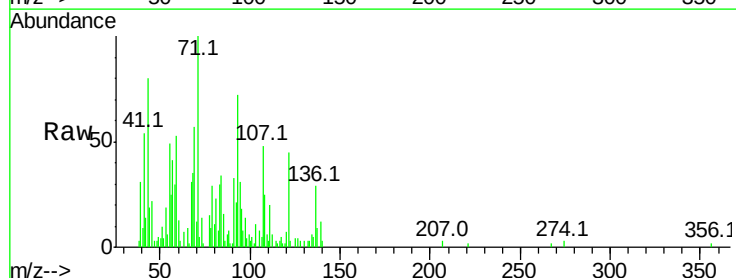
Tgt Ion: 139 Resp: 1056

Ion Ratio Lower Upper

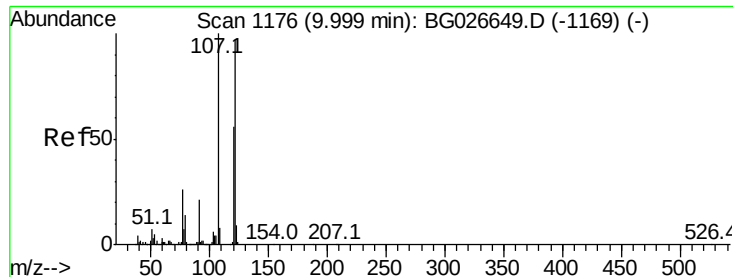
139 100

109 47.3 38.6 58.0

65 74.9 57.1 85.7



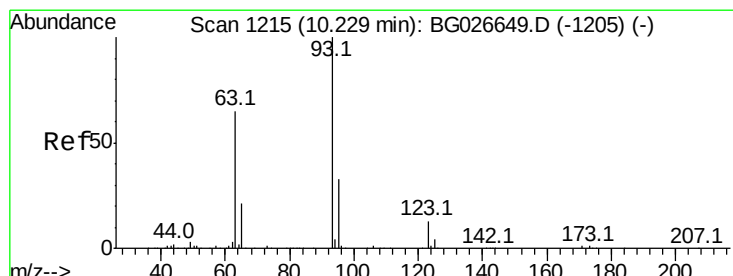
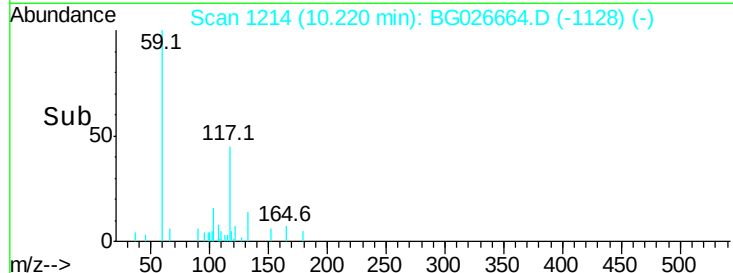
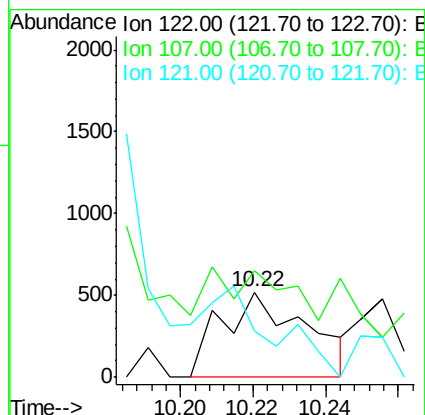
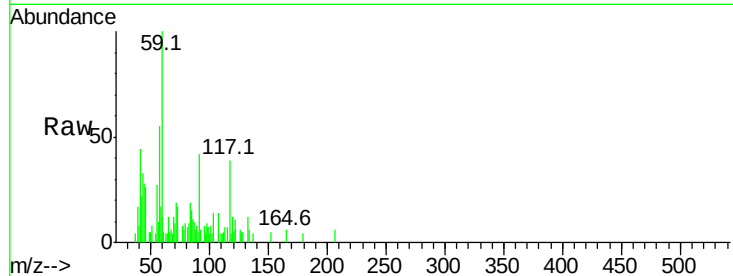




#27  
2,4-Dimethylphenol  
Concen: 0.06 ng  
RT: 10.22 min Scan# 1214  
Delta R.T. 0.21 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

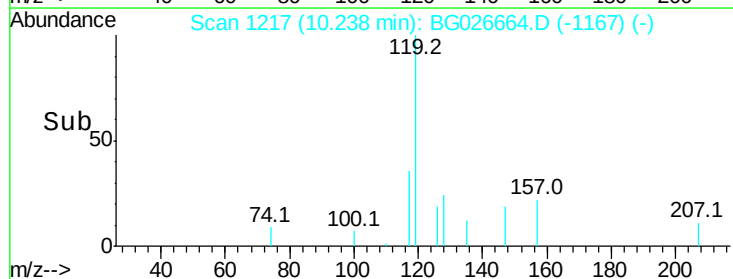
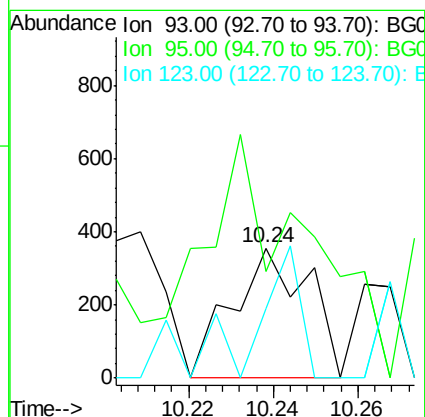
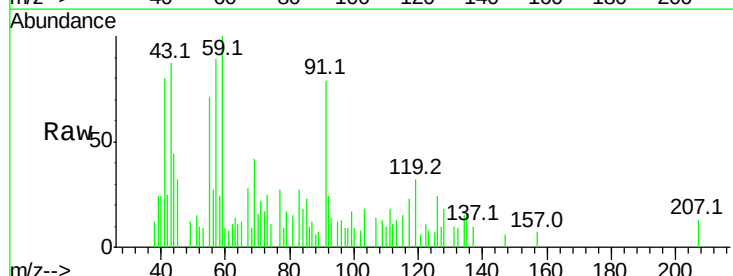
Instrument :  
BNA\_G  
ClientSampleId :

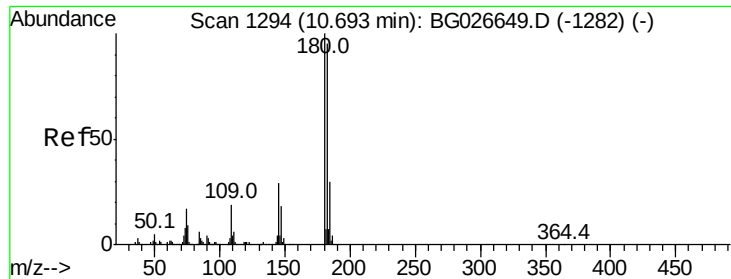
Tot Ion:122 Resp: 844  
Ion Ratio Lower Upper  
122 100  
107 126.0 104.2 156.4  
121 55.2 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 0.03 ng  
RT: 10.24 min Scan# 1217  
Delta R.T. -0.01 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

Tgt Ion: 93 Resp: 446  
Ion Ratio Lower Upper  
93 100  
95 82.0 25.7 38.5#  
123 53.2 8.3 12.5#

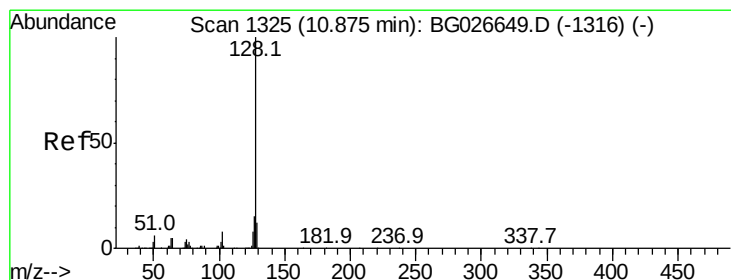
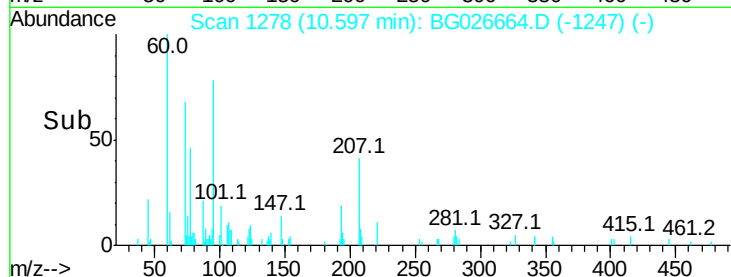
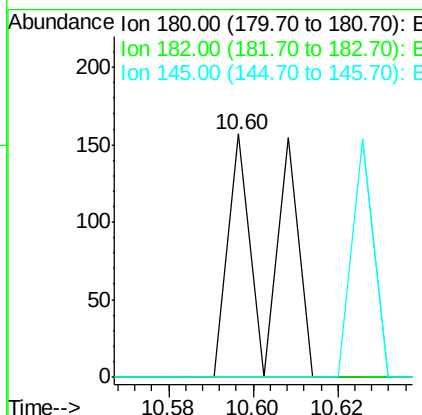
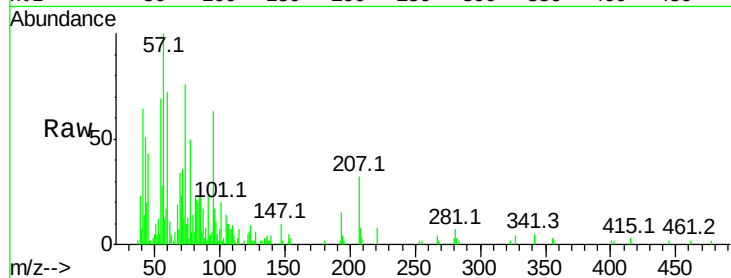




#30  
 1,2,4-Trichlorobenzene  
 Concen: 0.01 ng  
 RT: 10.60 min Scan# 1278  
 Delta R.T. -0.12 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

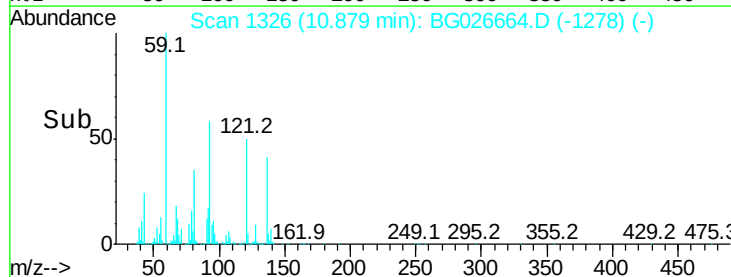
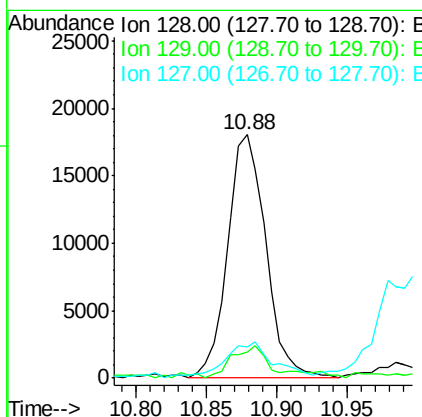
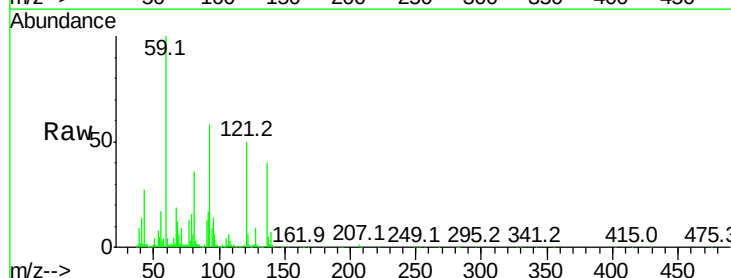
Instrument :  
 BNA\_G  
 ClientSampleId :

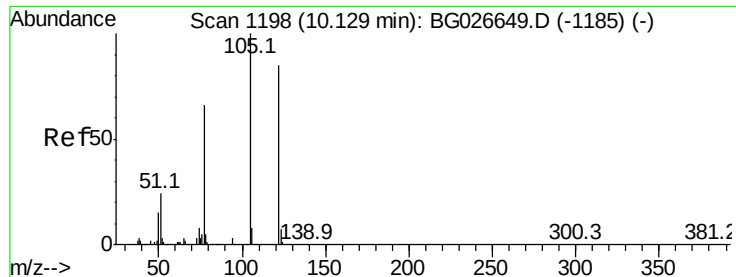
Tot Ion:180 Resp: 110  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 77.0 115.4#  
 145 0.0 23.4 35.0#



#31  
 Naphthalene  
 Concen: 0.76 ng  
 RT: 10.88 min Scan# 1326  
 Delta R.T. -0.02 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

Tgt Ion:128 Resp: 34099  
 Ion Ratio Lower Upper  
 128 100  
 129 10.6 9.3 13.9  
 127 13.0 11.4 17.0





#32

Benzoic acid

Concen: 9.02 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

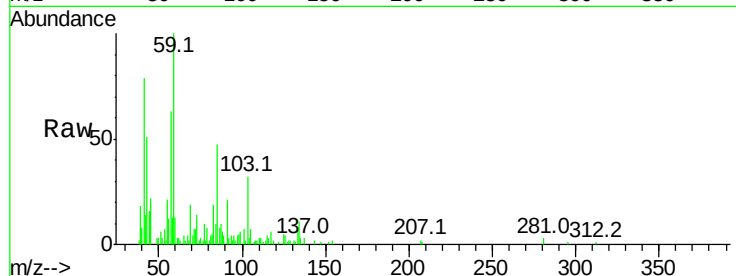
Tot Ion:122 Resp: 112

Ion Ratio Lower Upper

122 100

105 476.4 120.1 160.1#

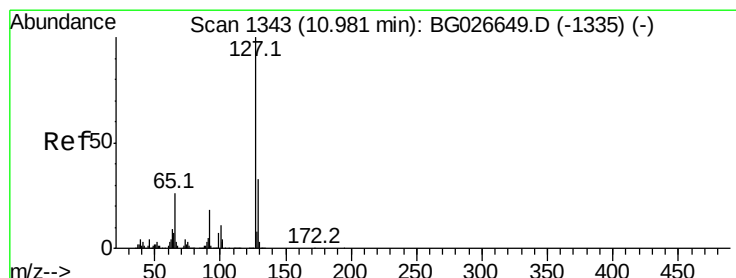
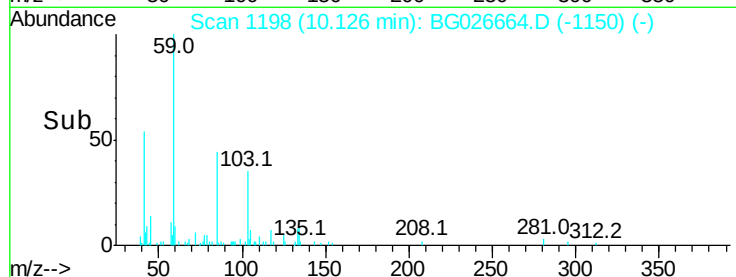
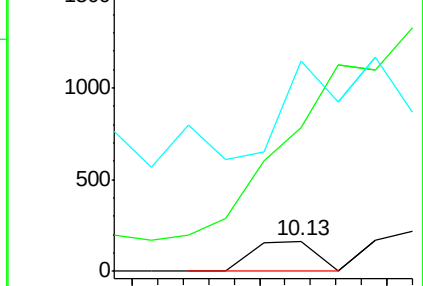
77 697.0 104.6 144.6#



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): BGC



#33

4-Chloroaniline

Concen: 1.07 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Tgt Ion:127 Resp: 20706

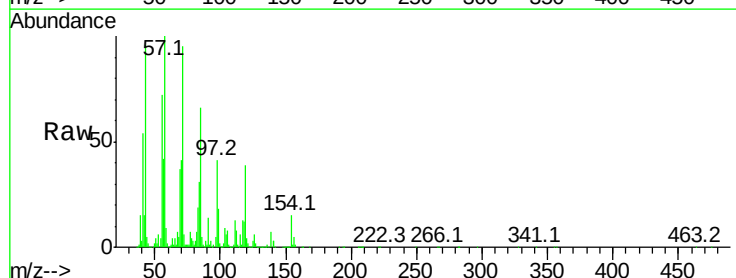
Ion Ratio Lower Upper

127 100

129 4.8 23.6 35.4#

65 229.5 37.7 56.5#

92 70.7 17.6 26.4#

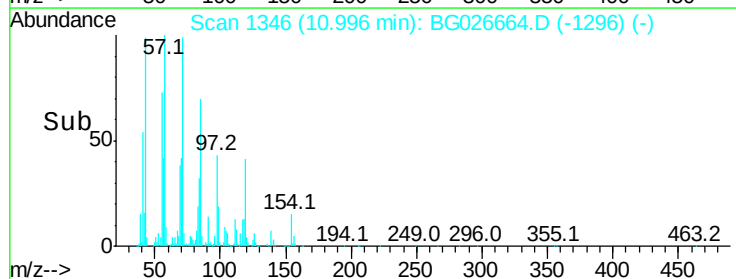
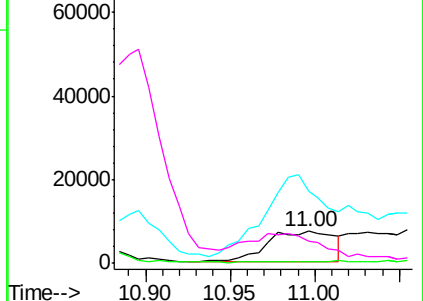


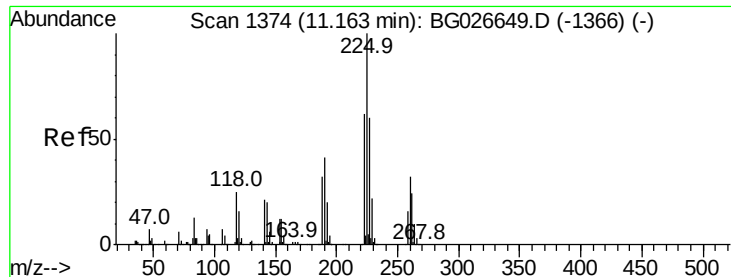
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 0.01 ng

RT: 11.05 min Scan# 1356

Delta R.T. -0.13 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

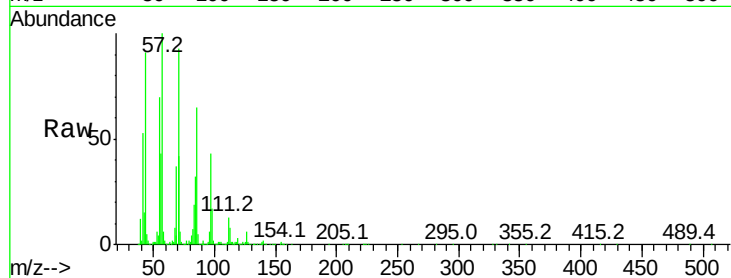
Tot Ion:225 Resp: 63

Ion Ratio Lower Upper

225 100

223 116.7 50.7 76.1#

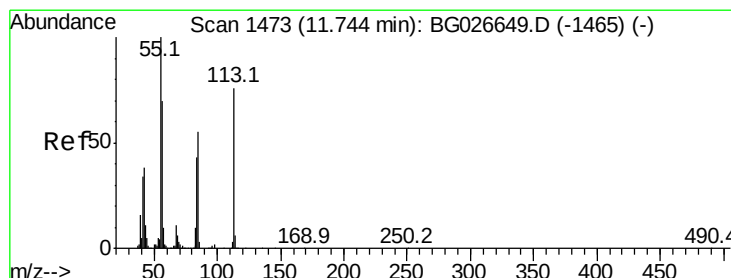
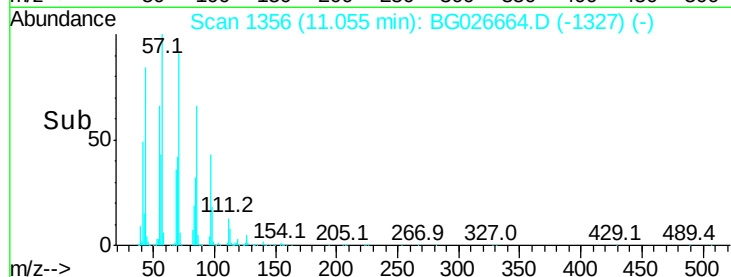
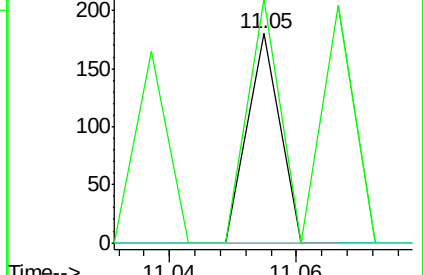
227 0.0 49.0 73.6#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.68 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

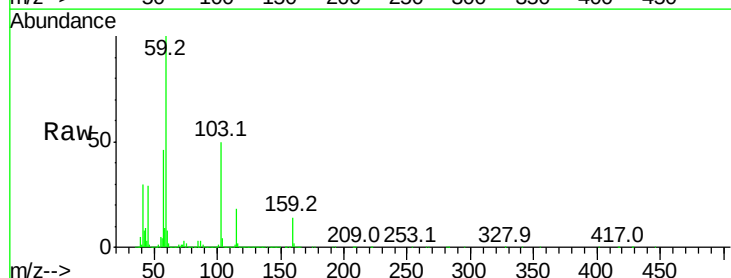
Tgt Ion:113 Resp: 3794

Ion Ratio Lower Upper

113 100

55 7167.0 198.6 238.6#

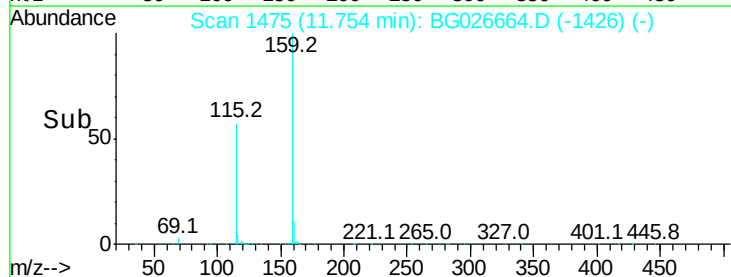
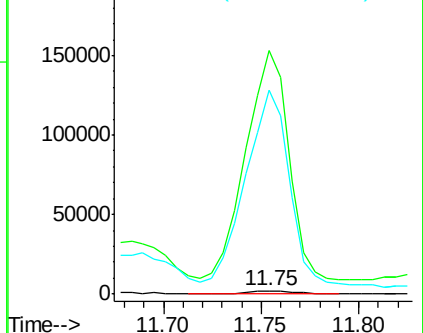
56 6012.0 140.4 180.4#

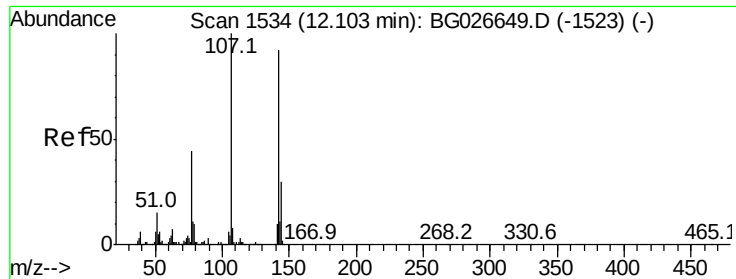


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

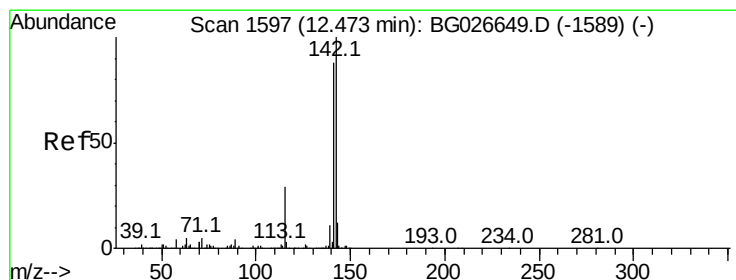
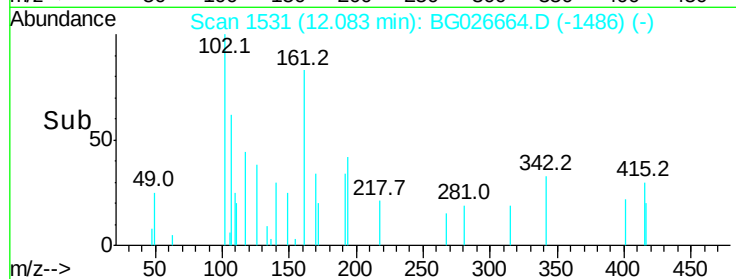
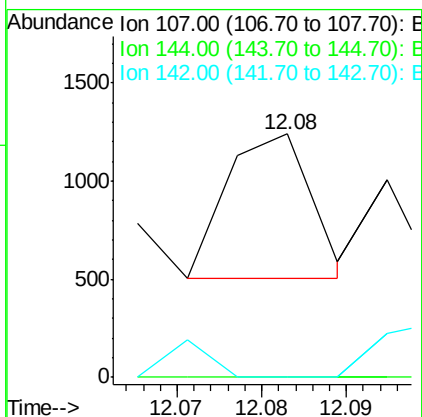
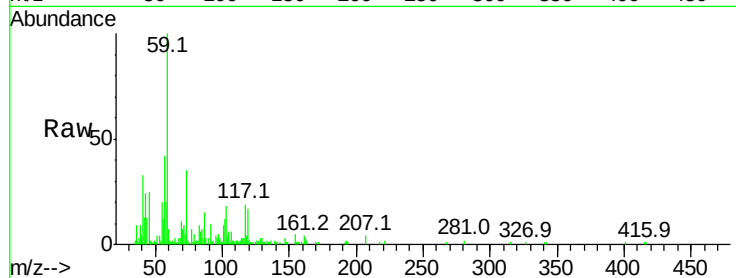




#36  
4-Chloro-3-methylphenol  
Concen: 0.04 ng  
RT: 12.08 min Scan# 1531  
Delta R.T. -0.04 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

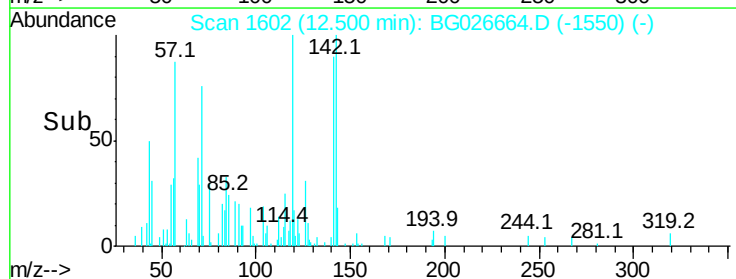
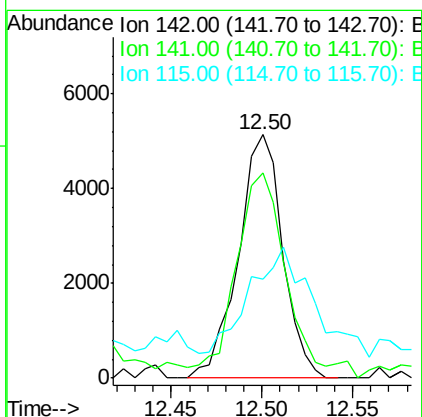
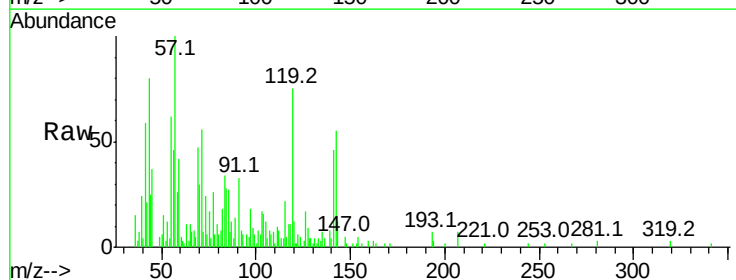
Instrument :  
BNA\_G  
ClientSampleId :

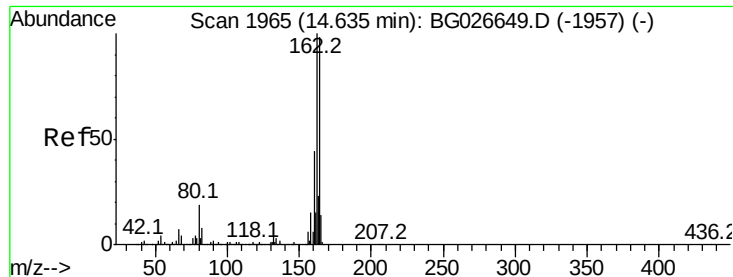
Tot Ion:107 Resp: 508  
Ion Ratio Lower Upper  
107 100  
144 0.0 17.4 26.0#  
142 0.0 54.1 81.1#



#37  
2-Methylnaphthalene  
Concen: 0.25 ng  
RT: 12.50 min Scan# 1602  
Delta R.T. 0.01 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

Tgt Ion:142 Resp: 8712  
Ion Ratio Lower Upper  
142 100  
141 84.1 70.4 105.6  
115 40.5 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

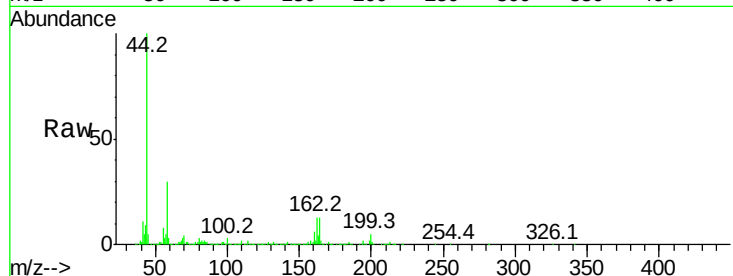
Tot Ion:164 Resp: 484842

Ion Ratio Lower Upper

164 100

162 103.8 85.1 127.7

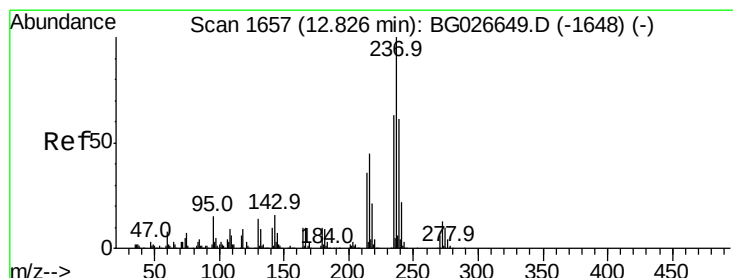
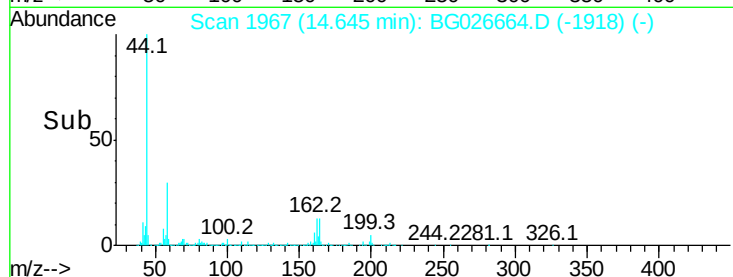
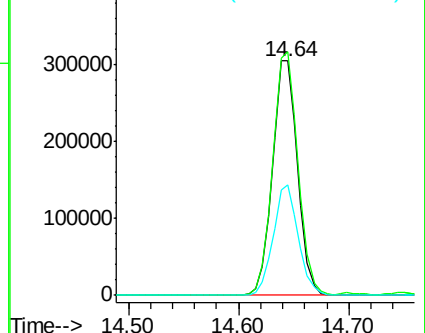
160 47.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 0.01 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

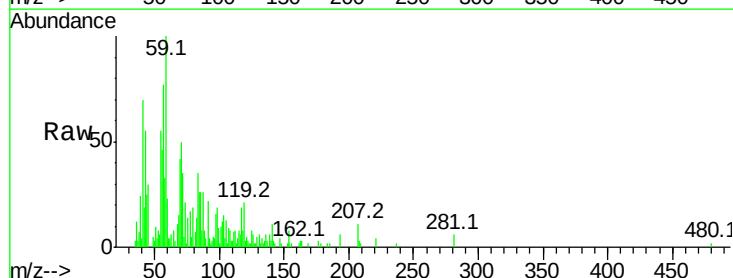
Tgt Ion:237 Resp: 56

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

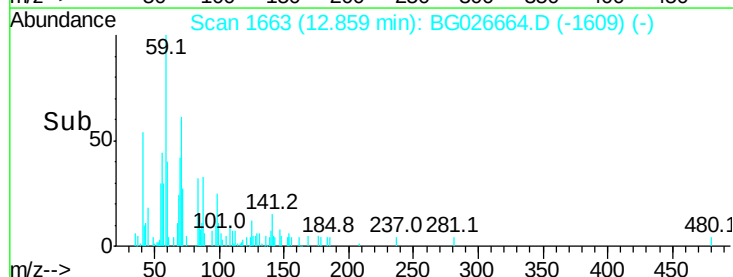
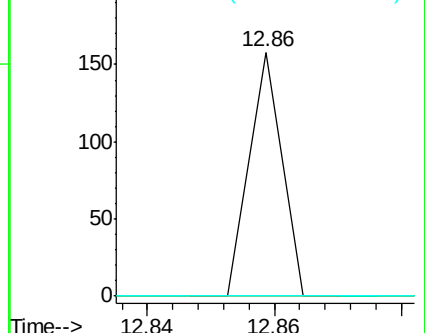
272 0.0 0.0 32.0

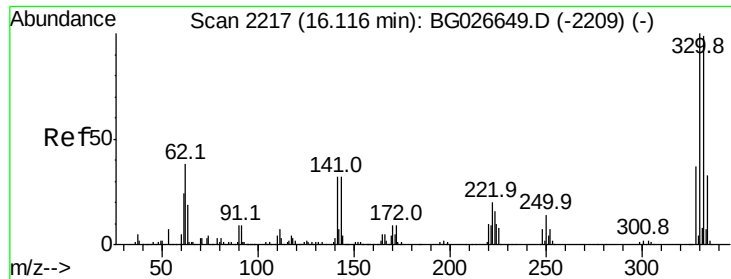


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

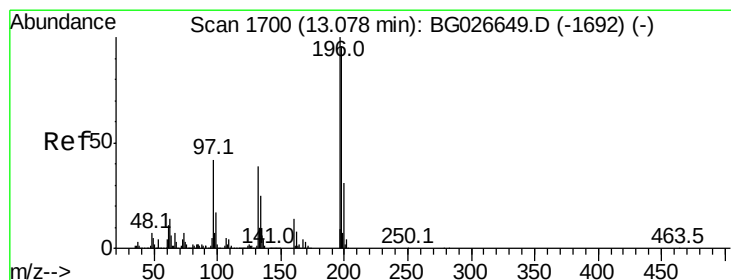
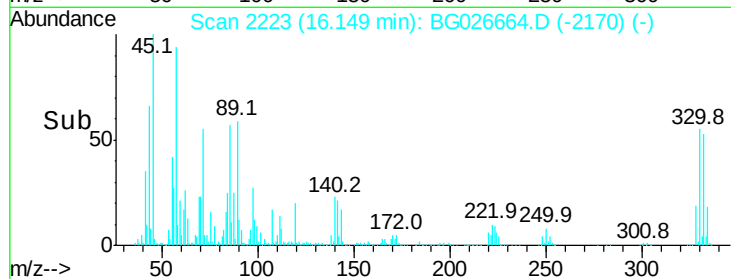
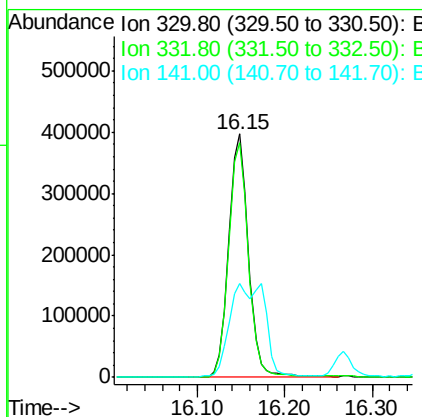
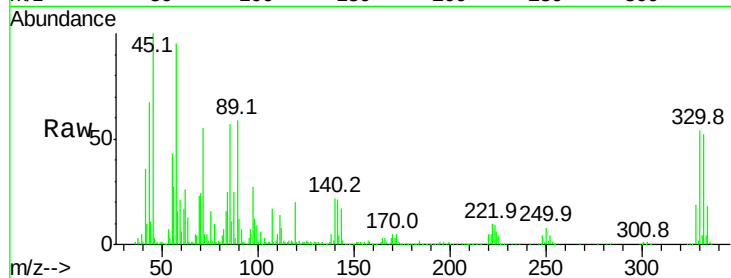




#41  
 2,4,6-Tribromophenol  
 Concen: 91.61 ng  
 RT: 16.15 min Scan# 2223  
 Delta R.T. 0.01 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

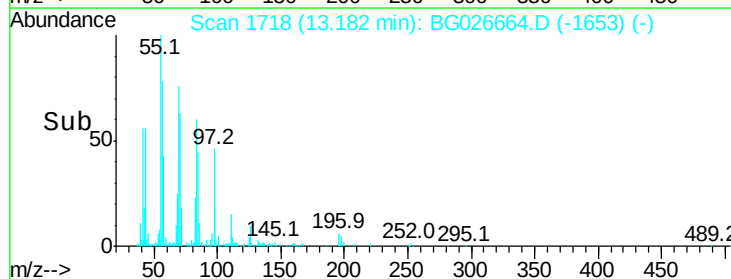
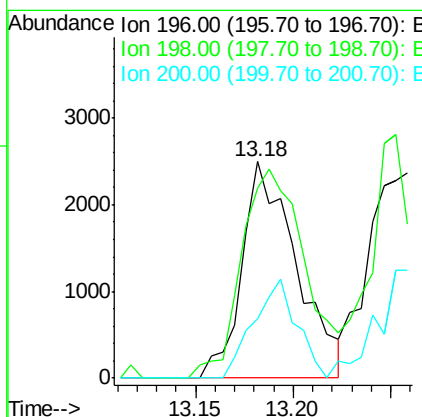
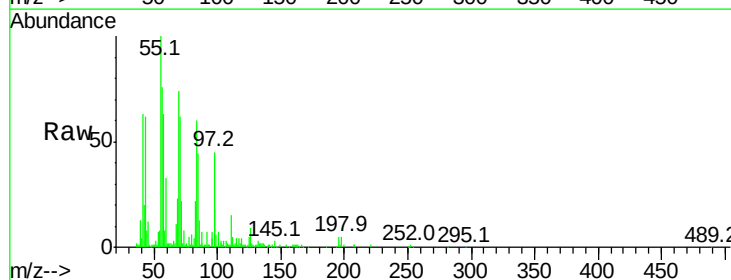
Instrument :  
 BNA\_G  
 ClientSampleId :

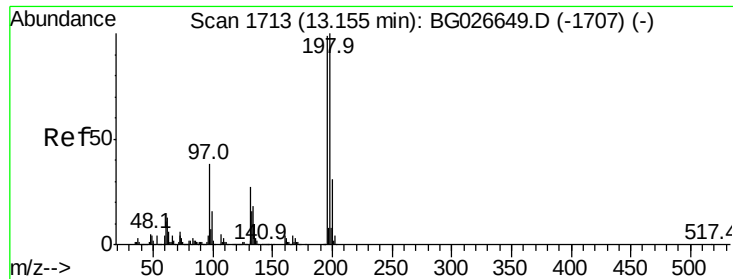
Tot Ion:330 Resp: 618911  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 77.3 115.9  
 141 41.2 32.1 48.1



#42  
 2,4,6-Trichlorophenol  
 Concen: 0.45 ng  
 RT: 13.18 min Scan# 1718  
 Delta R.T. 0.08 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

Tgt Ion:196 Resp: 4827  
 Ion Ratio Lower Upper  
 196 100  
 198 87.6 81.4 122.2  
 200 27.5 27.0 40.6

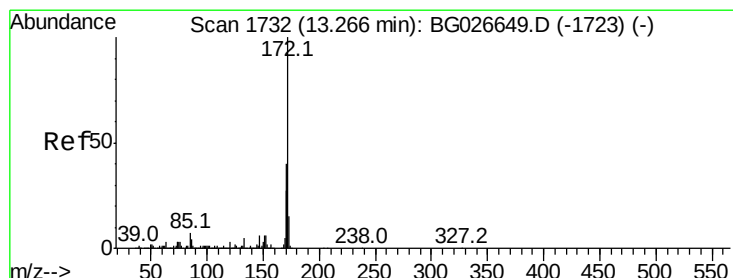
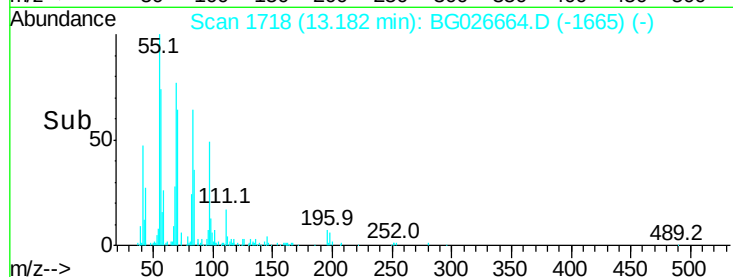
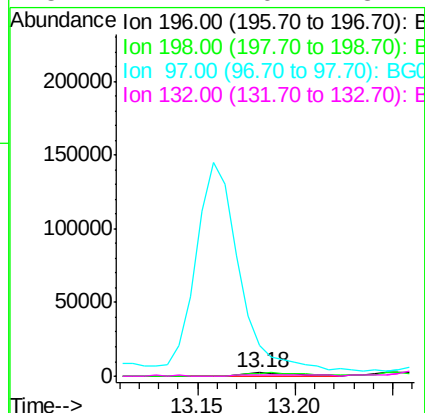
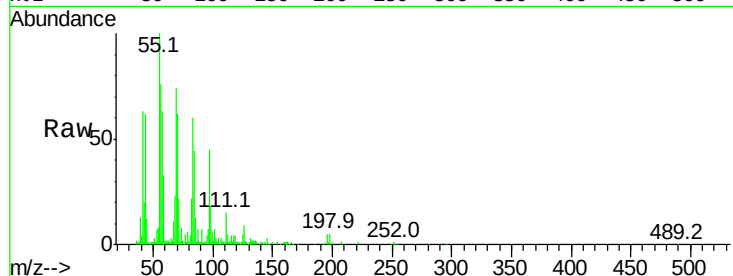




#43  
2,4,5-Trichlorophenol  
Concen: 0.43 ng  
RT: 13.18 min Scan# 1718  
Delta R.T. 0.01 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

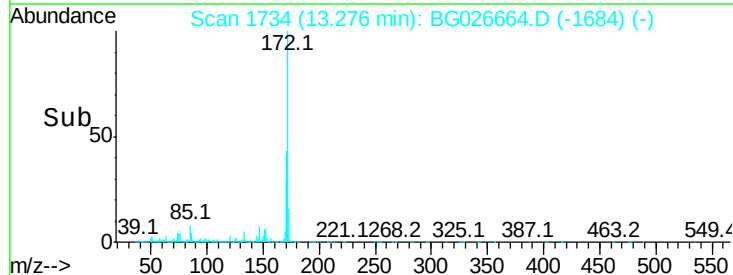
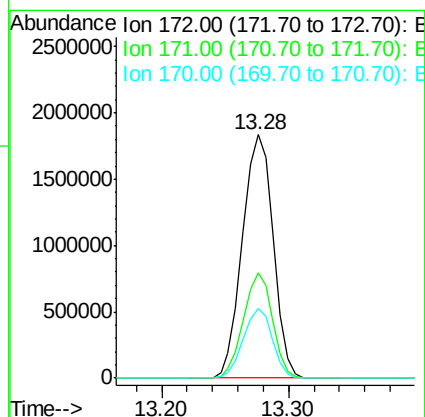
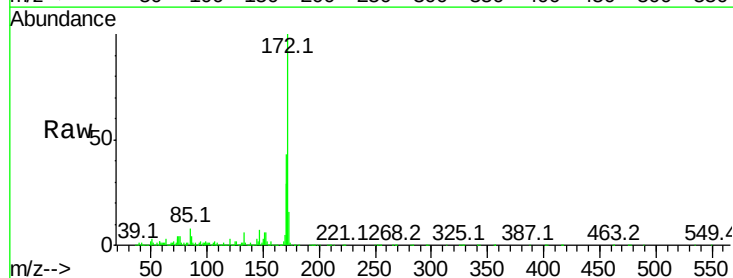
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:196 Resp: 4827  
Ion Ratio Lower Upper  
196 100  
198 87.6 79.9 119.9  
97 847.4 45.4 68.0#  
132 47.7 20.7 31.1#

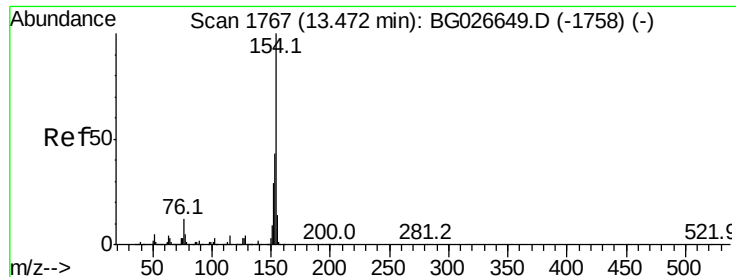


#44  
2-Fluorobiphenyl  
Concen: 95.02 ng  
RT: 13.28 min Scan# 1734  
Delta R.T. -0.01 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

Tgt Ion:172 Resp: 3093205  
Ion Ratio Lower Upper  
172 100  
171 43.4 32.2 48.2  
170 28.6 21.8 32.6







#45

1,1'-Biphenyl

Concen: 0.08 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG026664.D

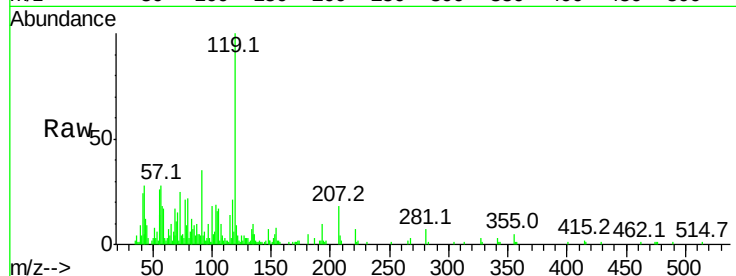
Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 3123  |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 62.4  | 23.0  | 63.0  |
| 76        | 42.8  | 0.0   | 33.5# |

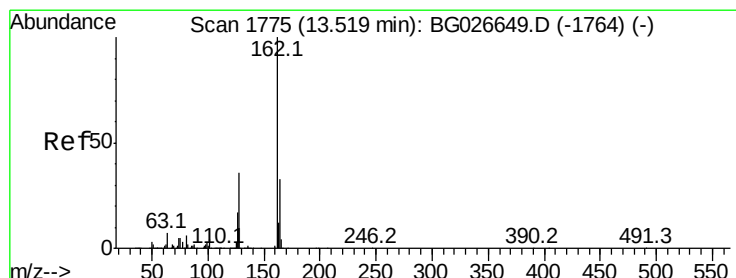
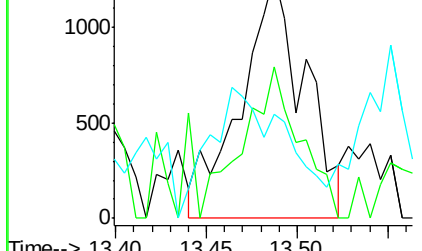
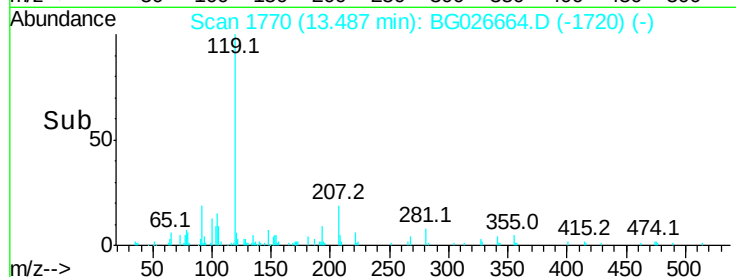


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B

Time--> 13.40 13.45 13.50



#46

2-Chloronaphthalene

Concen: 0.01 ng

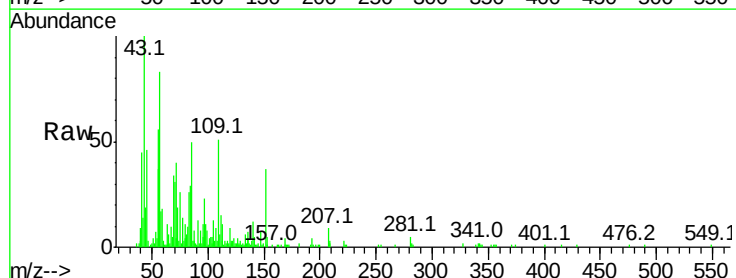
RT: 13.56 min Scan# 1782

Delta R.T. 0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 320   |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 196.9 | 32.2  | 48.4# |
| 164       | 0.0   | 27.3  | 40.9# |

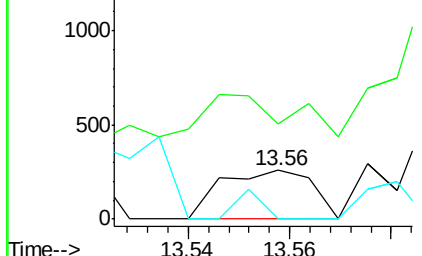
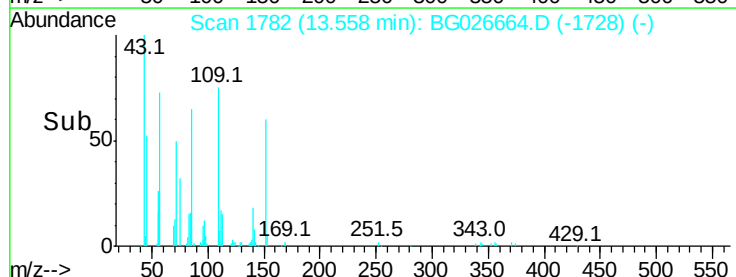


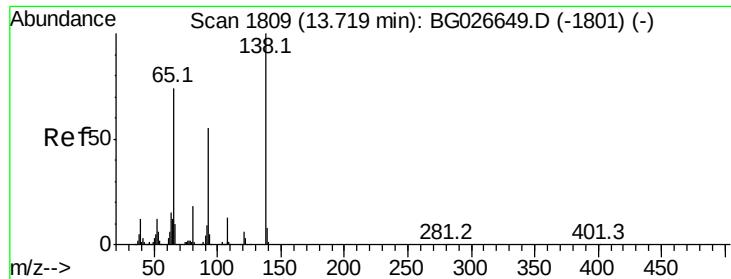
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 13.54 13.56





#47

2-Nitroaniline

Concen: 3.83 ng

RT: 13.69 min Scan# 1805

Delta R.T. -0.04 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

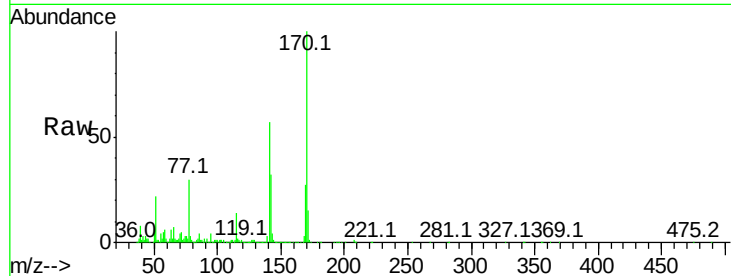
Tot Ion: 65 Resp: 29236

Ion Ratio Lower Upper

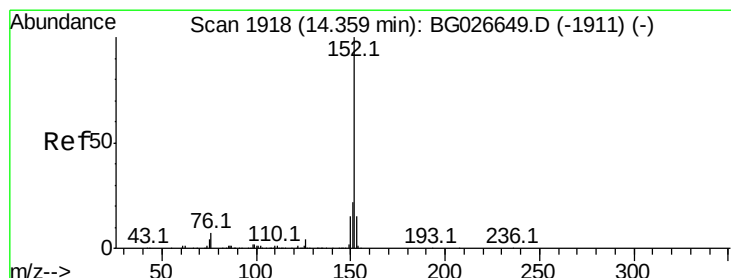
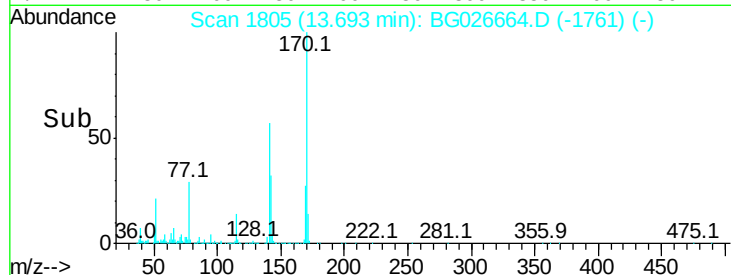
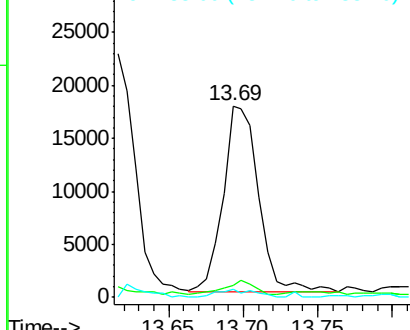
65 100

92 6.2 49.0 73.4#

138 4.0 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 0.01 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

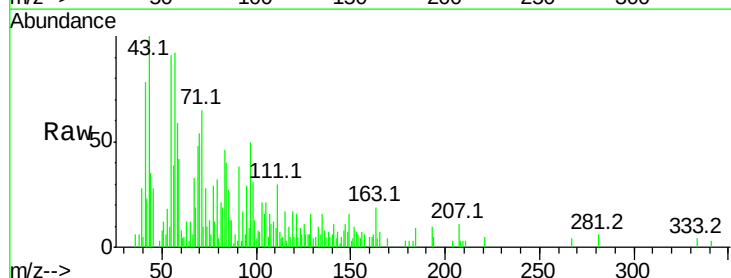
Tgt Ion: 152 Resp: 698

Ion Ratio Lower Upper

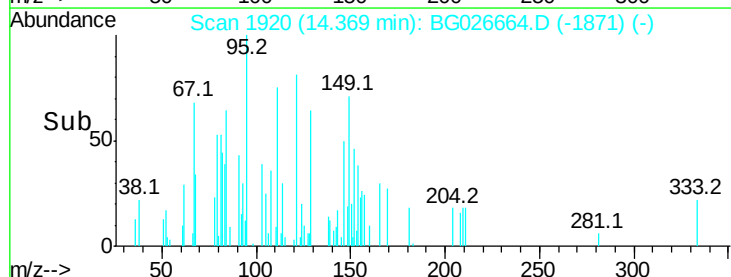
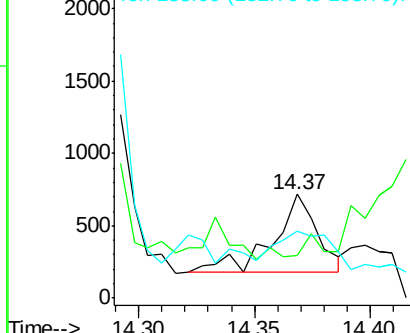
152 100

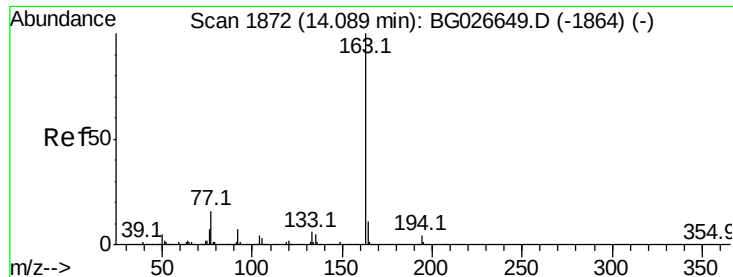
151 40.9 18.2 27.2#

153 64.0 11.3 16.9#



Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 0.29 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

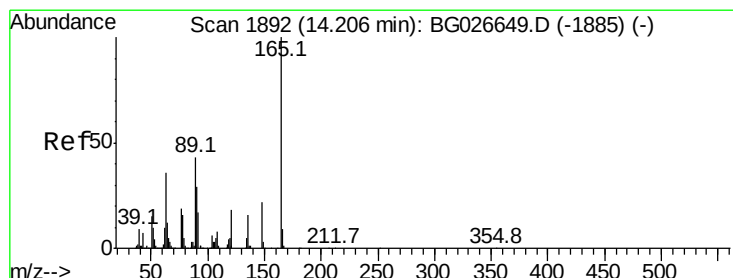
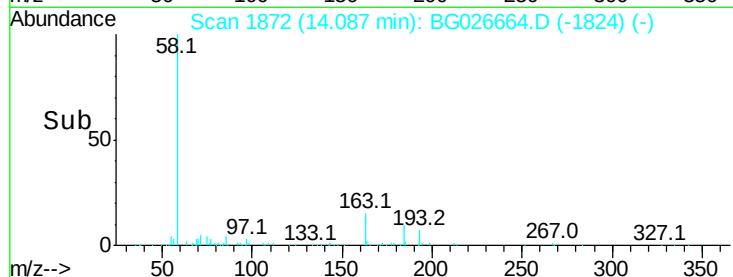
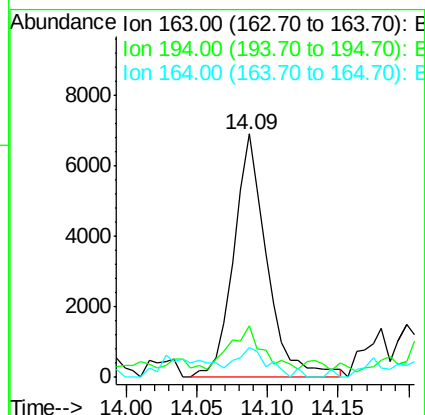
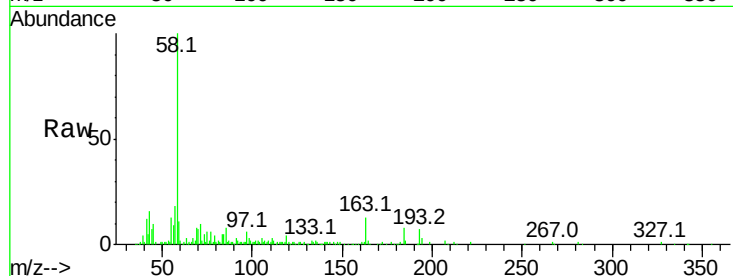
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:163 Resp: 11297

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 21.1  | 3.8   | 5.6#  |
| 164 | 12.5  | 9.3   | 13.9  |



#50

2,6-Dinitrotoluene

Concen: 0.90 ng

RT: 14.19 min Scan# 1890

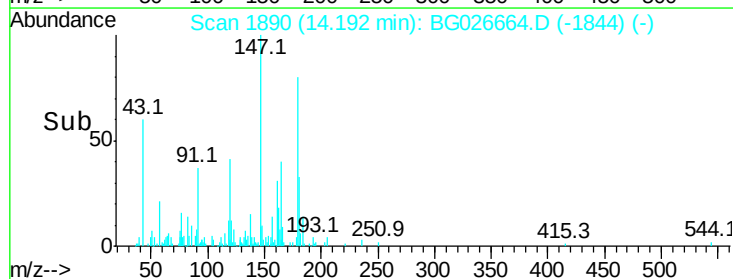
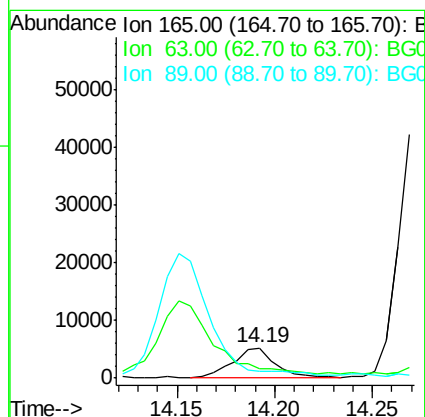
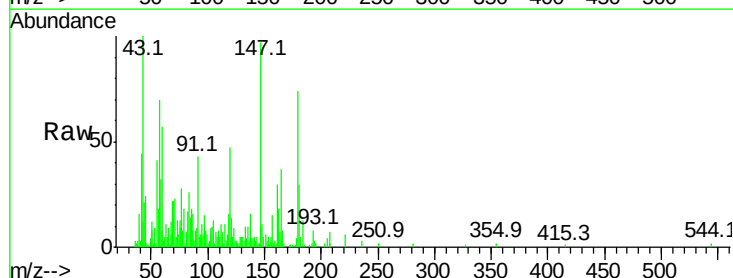
Delta R.T. -0.03 min

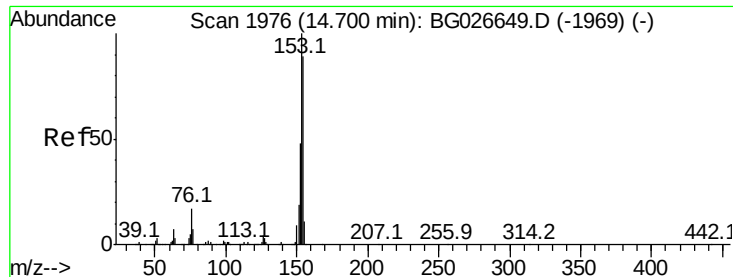
Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Tgt Ion:165 Resp: 8089

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 30.7  | 63.9  | 95.9# |
| 89  | 21.9  | 58.6  | 88.0# |





#51

Acenaphthene

Concen: 0.14 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

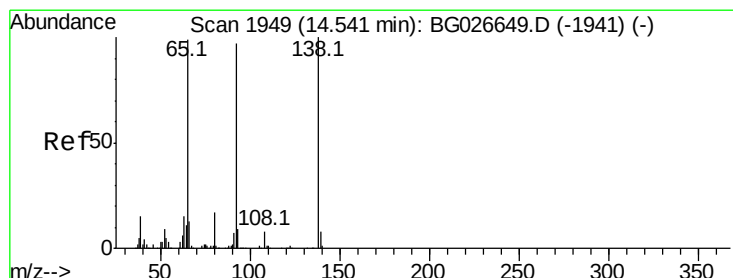
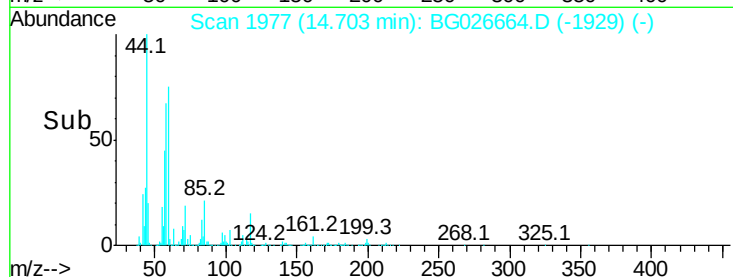
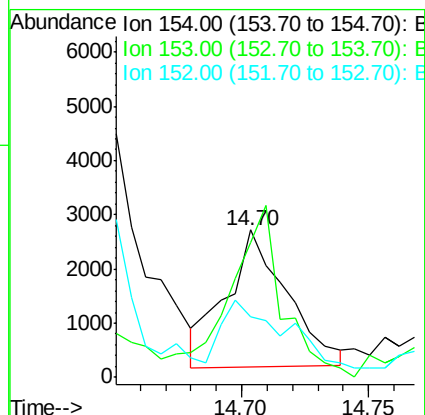
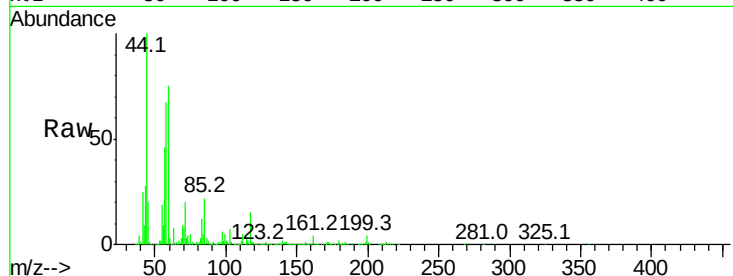
Tot Ion:154 Resp: 4244

Ion Ratio Lower Upper

154 100

153 91.0 87.8 131.6

152 41.1 42.2 63.4#



#52

3-Nitroaniline

Concen: 0.04 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.04 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

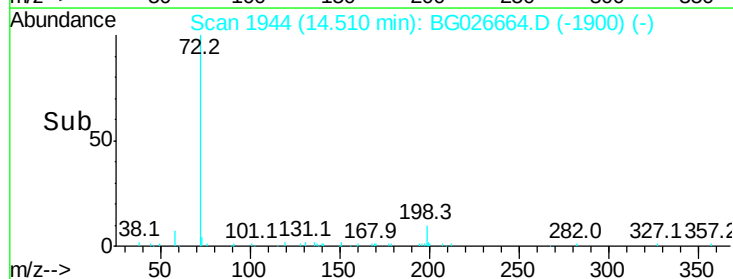
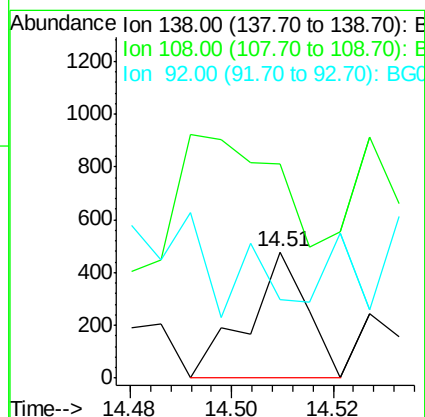
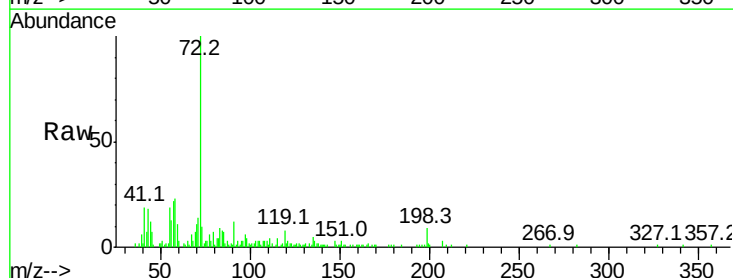
Tgt Ion:138 Resp: 385

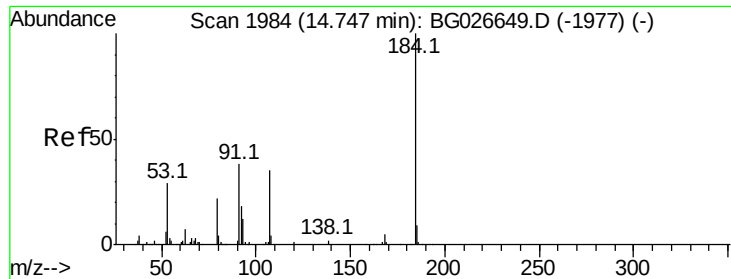
Ion Ratio Lower Upper

138 100

108 170.1 10.9 16.3#

92 61.7 115.3 172.9#

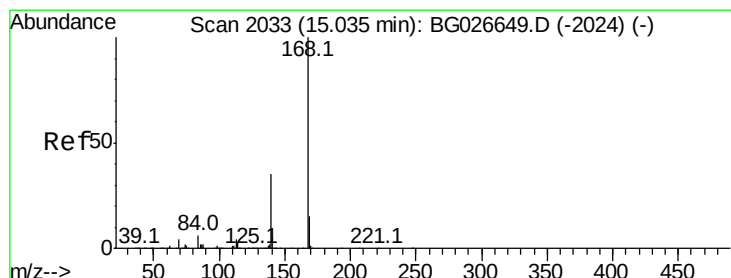
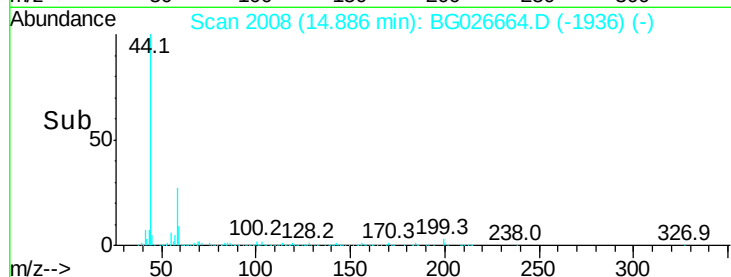
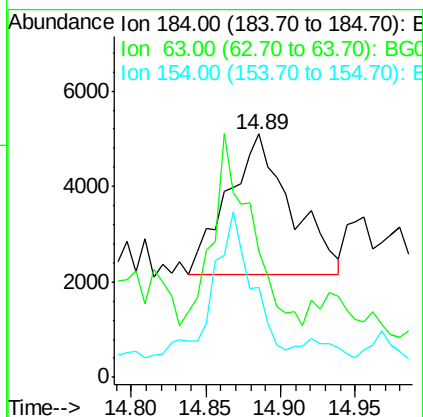
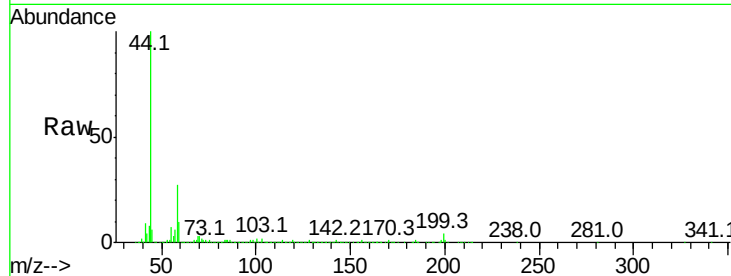




#53  
2,4-Dinitrophenol  
Concen: 10.19 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. 0.12 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

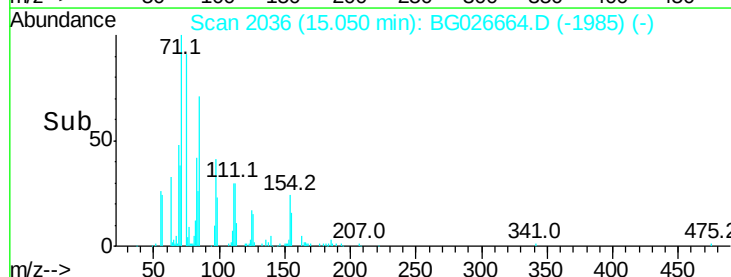
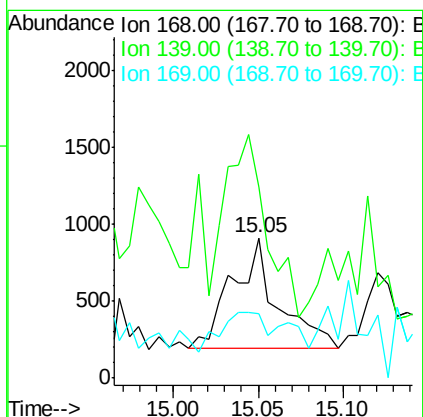
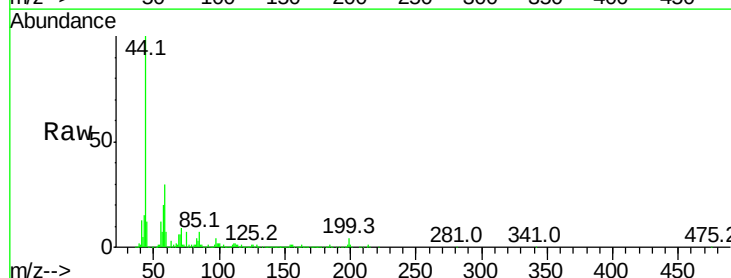
Instrument :  
BNA\_G  
ClientSampleId :

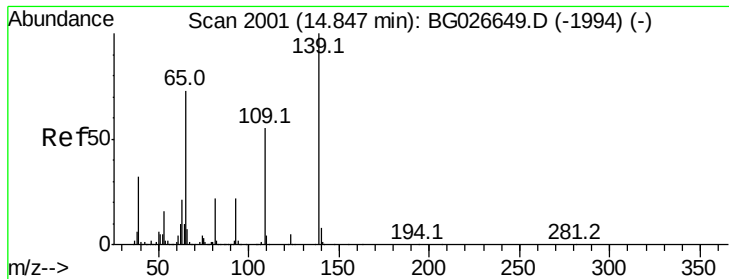
Tot Ion:184 Resp: 8624  
Ion Ratio Lower Upper  
184 100  
63 51.8 52.7 79.1#  
154 37.2 57.3 85.9#



#54  
Dibenzofuran  
Concen: 0.03 ng  
RT: 15.05 min Scan# 2036  
Delta R.T. -0.00 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

Tgt Ion:168 Resp: 1347  
Ion Ratio Lower Upper  
168 100  
139 136.3 35.3 52.9#  
169 45.7 11.5 17.3#

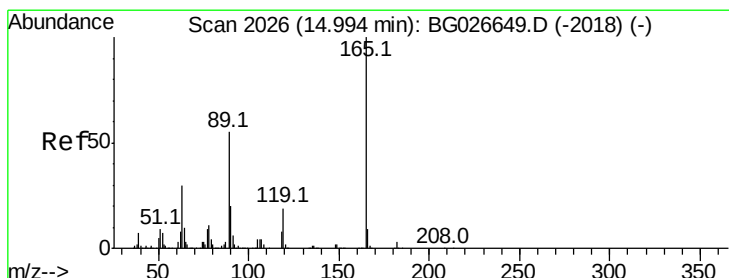
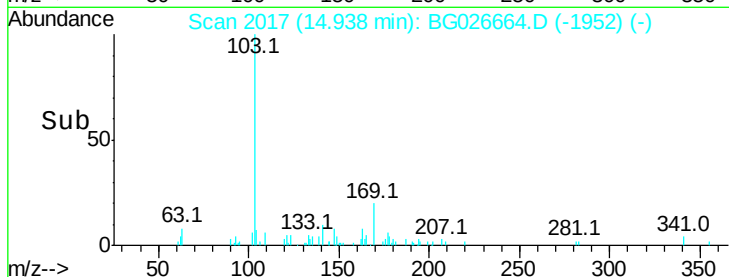
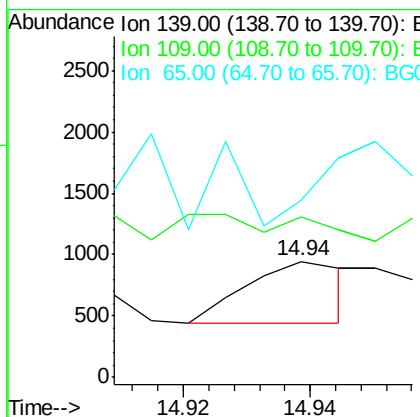
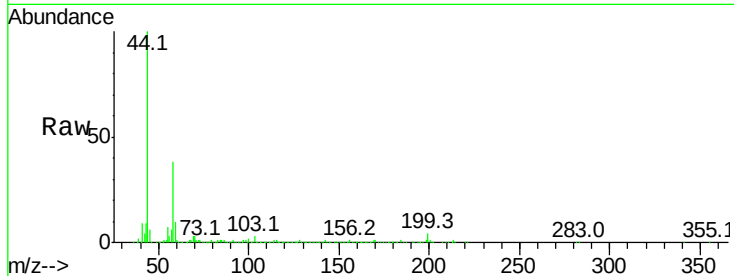




#55  
4-Nitrophenol  
Concen: 0.07 ng  
RT: 14.94 min Scan# 2017  
Delta R.T. 0.08 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

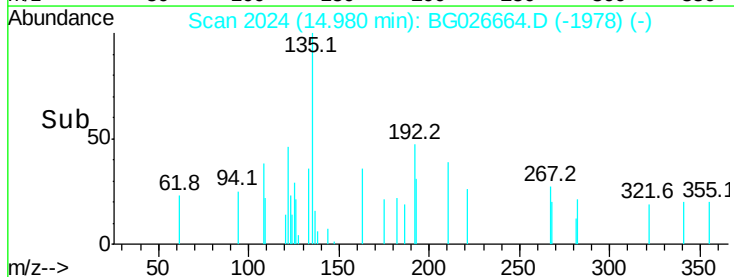
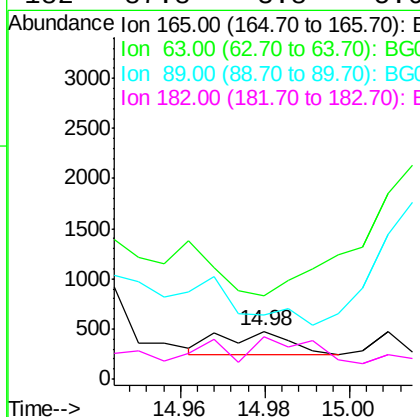
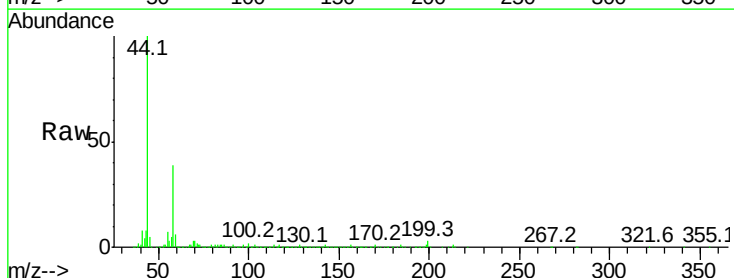
Instrument :  
BNA\_G  
ClientSampleId :

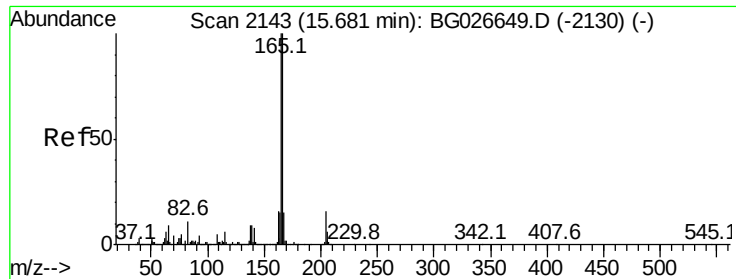
Tot Ion:139 Resp: 541  
Ion Ratio Lower Upper  
139 100  
109 138.5 101.2 141.2  
65 153.2 135.3 175.3



#56  
2,4-Dinitrotoluene  
Concen: 0.02 ng  
RT: 14.98 min Scan# 2024  
Delta R.T. -0.03 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

Tgt Ion:165 Resp: 273  
Ion Ratio Lower Upper  
165 100  
63 176.4 44.0 66.0#  
89 135.9 67.3 100.9#  
182 87.8 3.8 5.6#

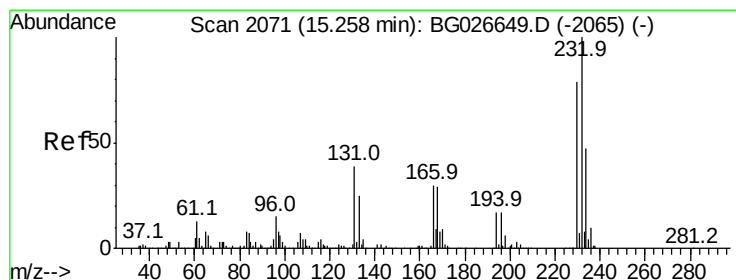
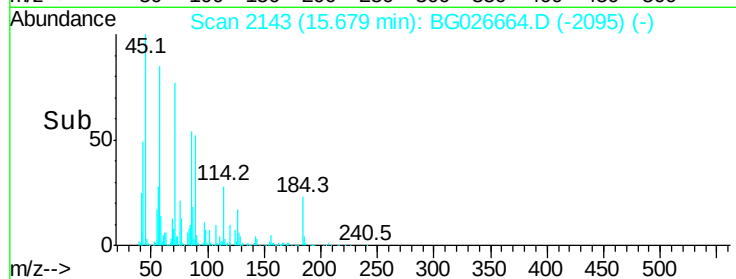
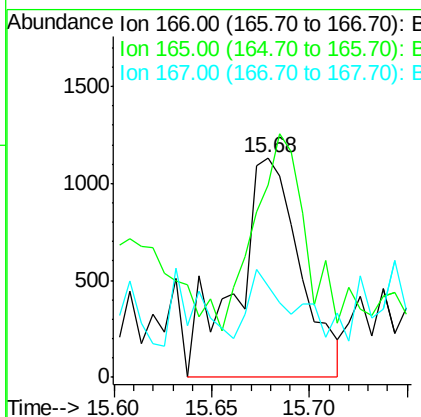
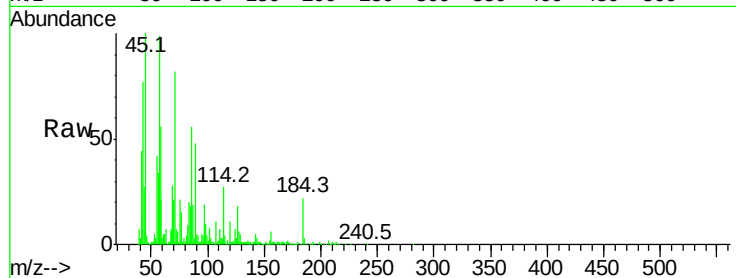




#57  
 Fluorene  
 Concen: 0.07 ng  
 RT: 15.68 min Scan# 2143  
 Delta R.T. -0.02 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

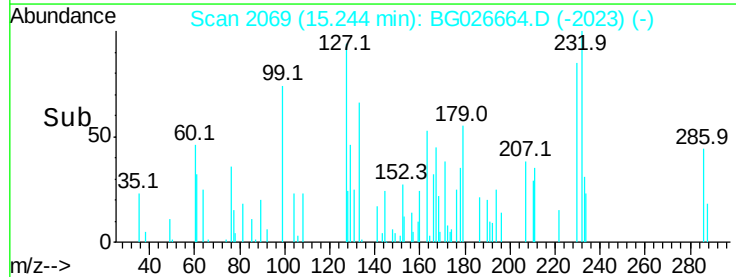
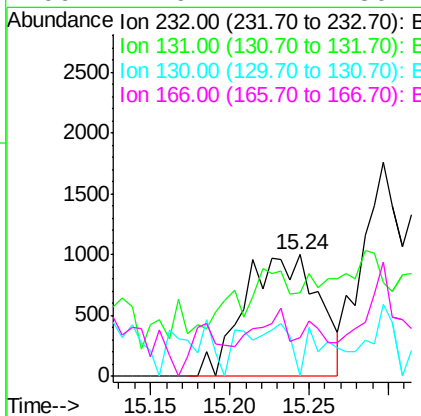
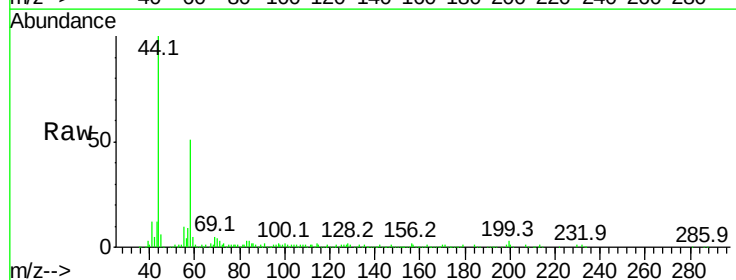
Instrument :  
 BNA\_G  
 ClientSampleId :

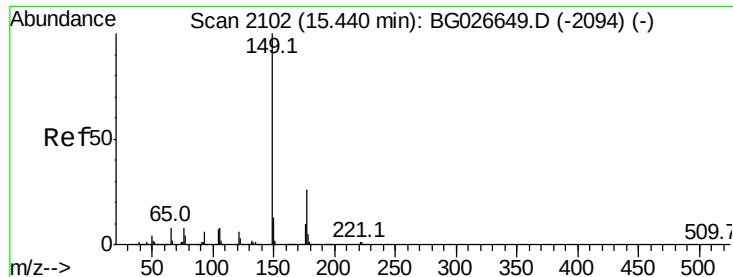
Tot Ion:166 Resp: 2559  
 Ion Ratio Lower Upper  
 166 100  
 165 87.7 78.6 117.8  
 167 41.3 11.6 17.4#



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 0.28 ng  
 RT: 15.24 min Scan# 2069  
 Delta R.T. -0.03 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

Tgt Ion:232 Resp: 3216  
 Ion Ratio Lower Upper  
 232 100  
 131 0.0 34.9 52.3#  
 130 14.3 2.3 3.5#  
 166 4.9 24.2 36.4#

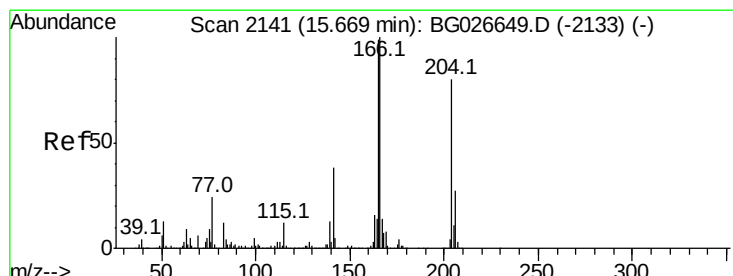
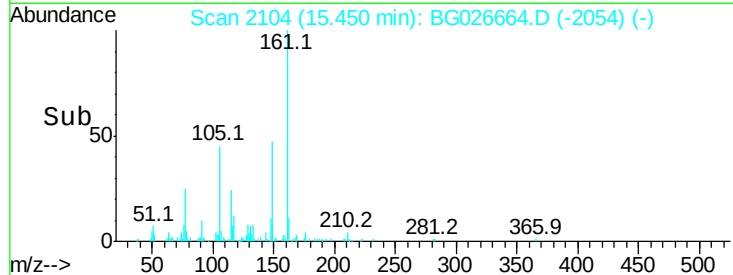
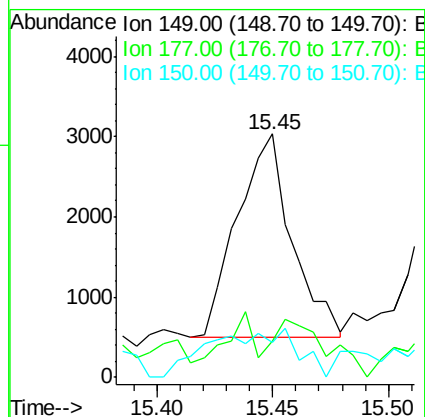
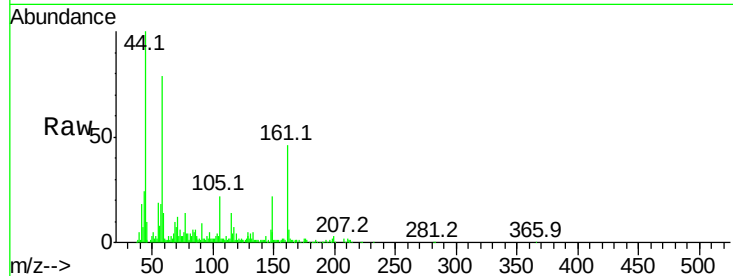




#59  
Diethylphthalate  
Concen: 0.11 ng  
RT: 15.45 min Scan# 2104  
Delta R.T. -0.01 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

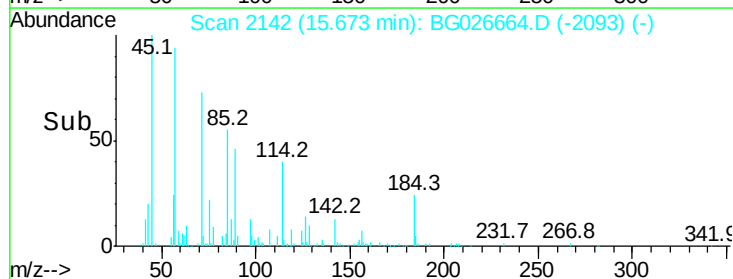
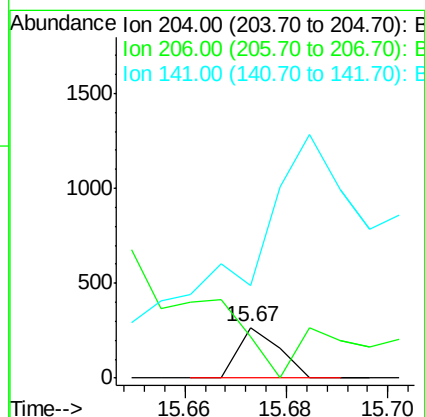
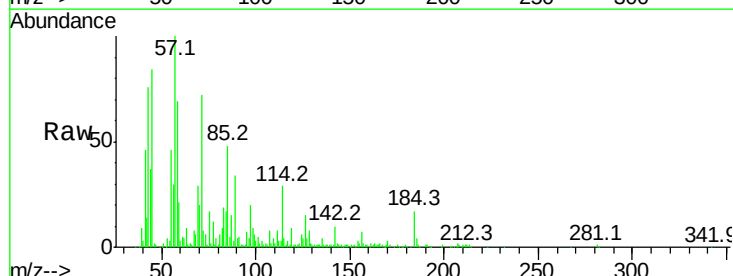
Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:149 Resp: 4157  
Ion Ratio Lower Upper  
149 100  
177 15.0 20.1 30.1#  
150 14.2 10.2 15.2

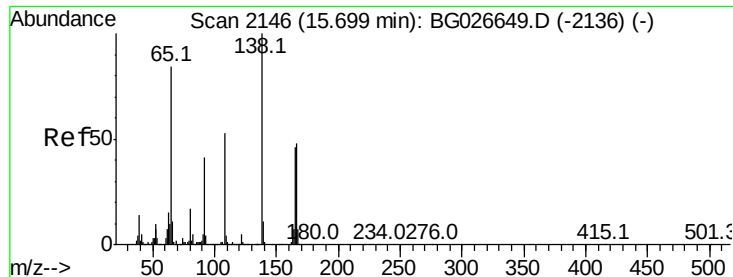


#60  
4-Chlorophenyl-phenylether  
Concen: 0.01 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

Tgt Ion:204 Resp: 151  
Ion Ratio Lower Upper  
204 100  
206 81.0 30.1 45.1#  
141 181.0 50.6 76.0#







#61

4-Nitroaniline

Concen: 0.05 ng

RT: 15.68 min Scan# 2144

Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

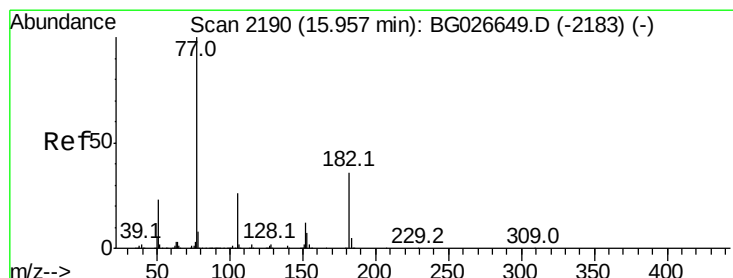
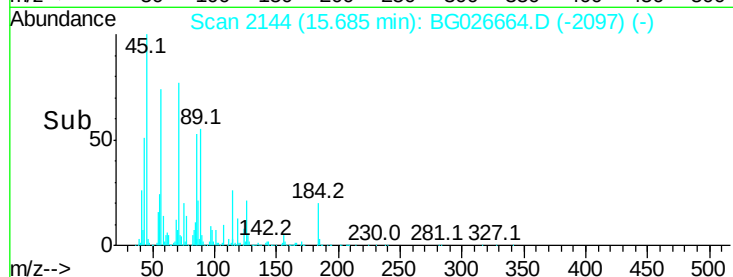
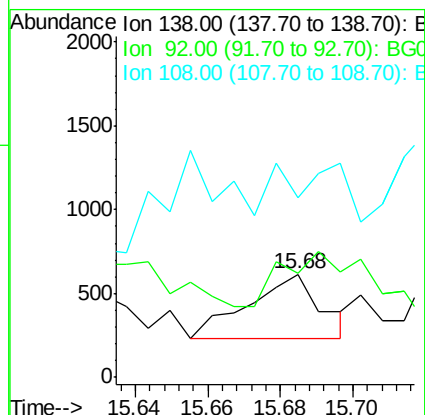
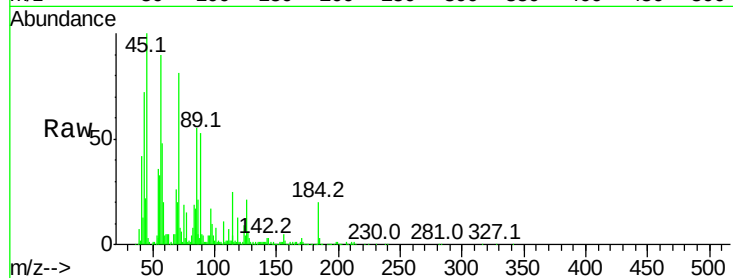
Instrument :

BNA\_G

ClientSampled :

Tot Ion:138 Resp: 532

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 138 | 100   |       |        |
| 92  | 100.7 | 44.2  | 84.2#  |
| 108 | 174.1 | 104.8 | 144.8# |



#62

Azobenzene

Concen: 3.00 ng

RT: 15.98 min Scan# 2194

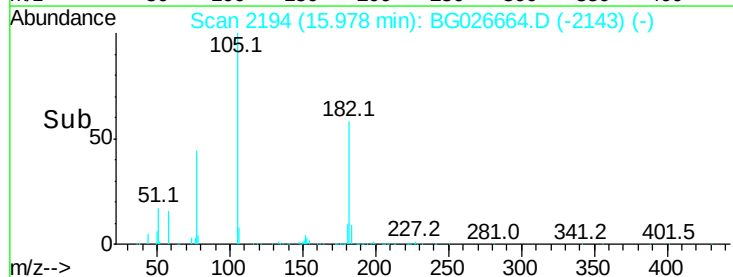
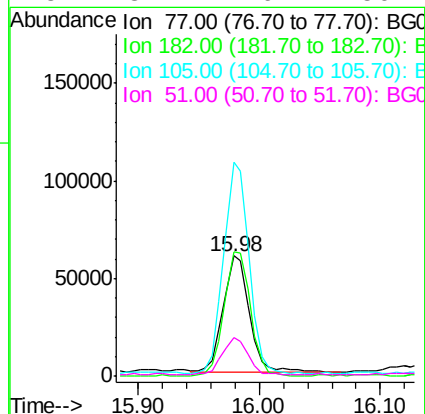
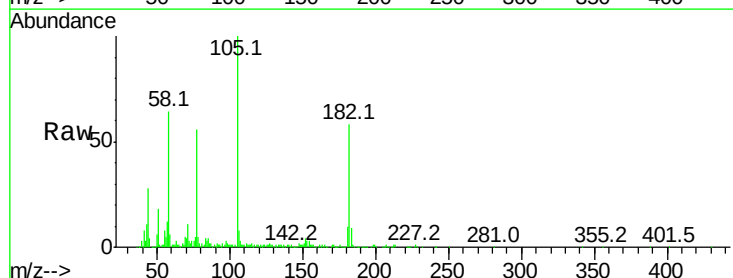
Delta R.T. -0.00 min

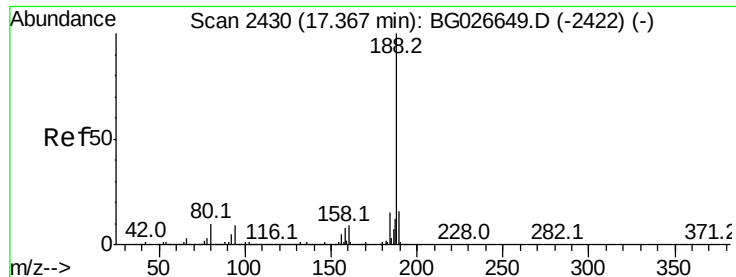
Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Tgt Ion: 77 Resp: 90380

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 103.7 | 4.7   | 44.7# |
| 105 | 178.2 | 0.0   | 36.3# |
| 51  | 31.7  | 16.4  | 56.4  |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

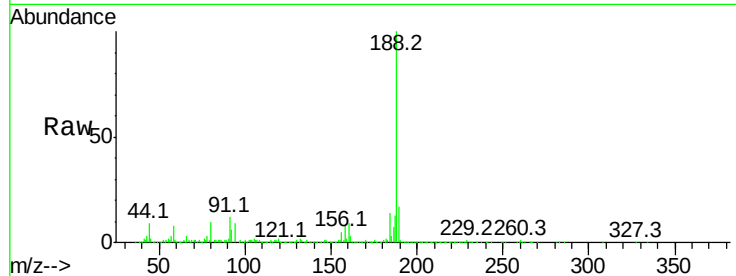
Tot Ion:188 Resp: 1075104

Ion Ratio Lower Upper

188 100

94 8.9 5.8 8.8#

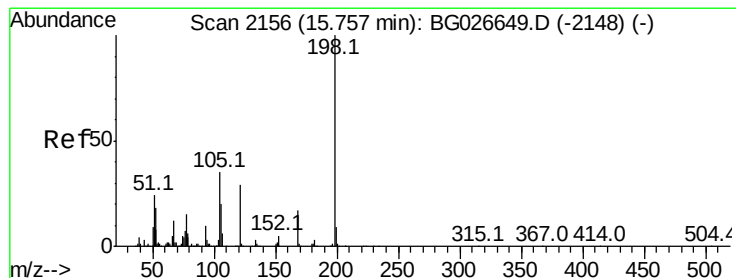
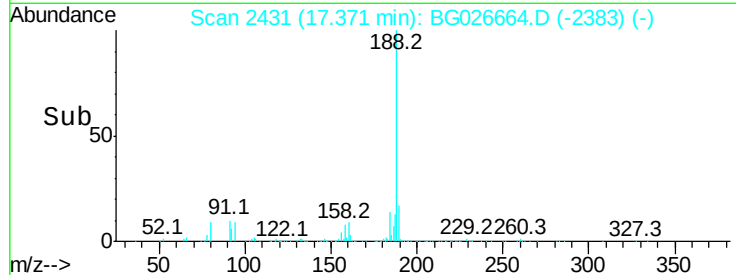
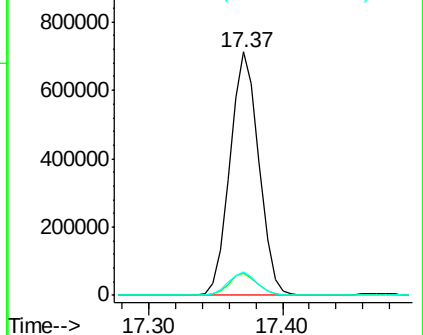
80 9.6 7.5 11.3



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: 5.78 ng

RT: 15.79 min Scan# 2162

Delta R.T. 0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

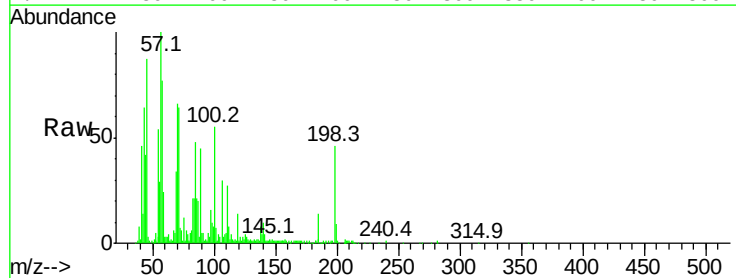
Tgt Ion:198 Resp: 41951

Ion Ratio Lower Upper

198 100

51 3.3 22.6 62.6#

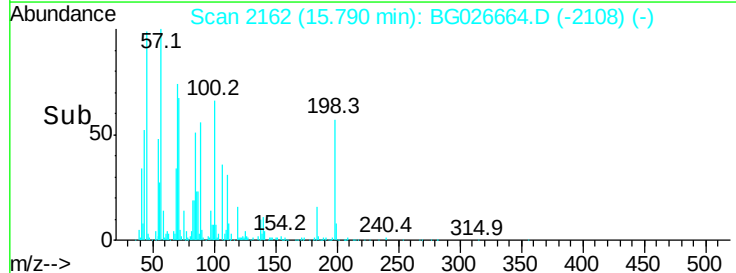
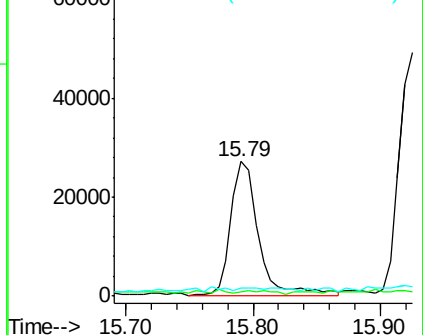
105 6.1 14.4 54.4#

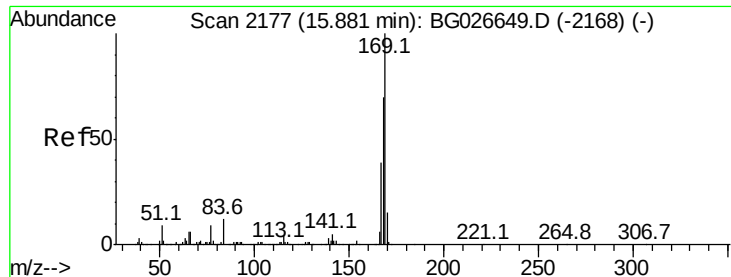


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.07 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

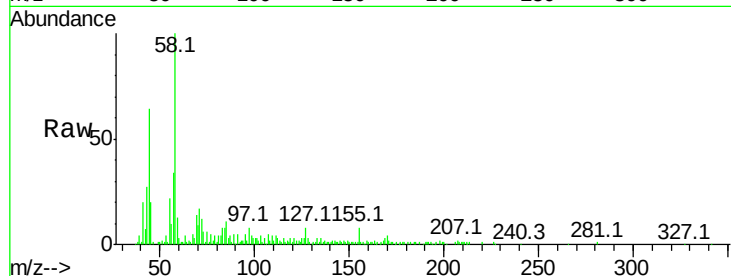
Tot Ion:169 Resp: 2164

Ion Ratio Lower Upper

169 100

168 62.4 55.7 83.5

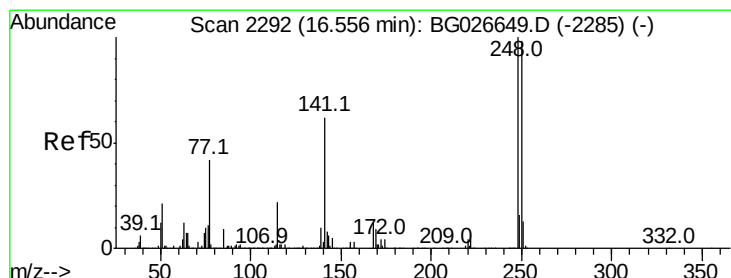
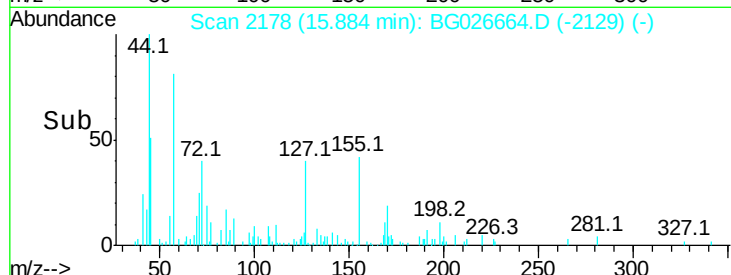
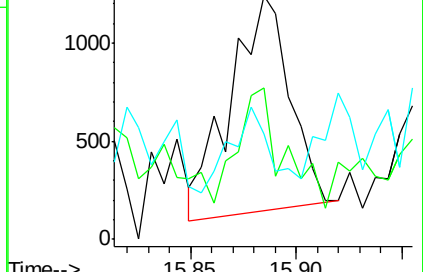
167 43.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 0.01 ng

RT: 16.61 min Scan# 2302

Delta R.T. 0.04 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

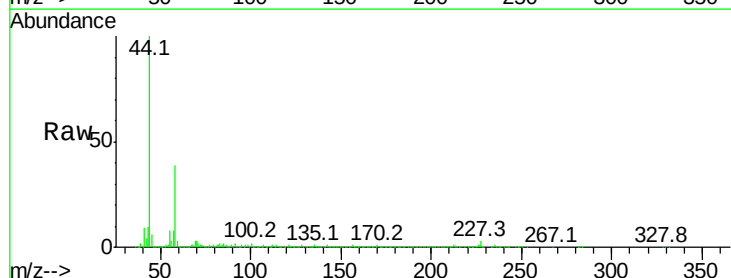
Tgt Ion:248 Resp: 88

Ion Ratio Lower Upper

248 100

250 223.6 75.0 112.6#

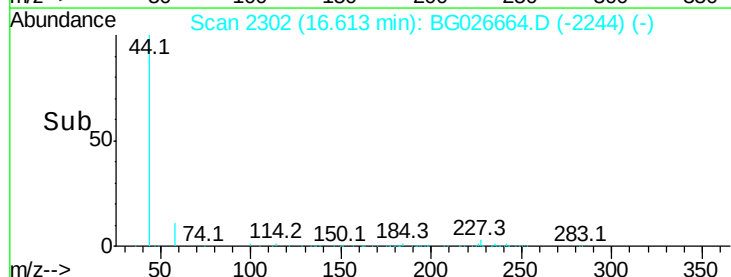
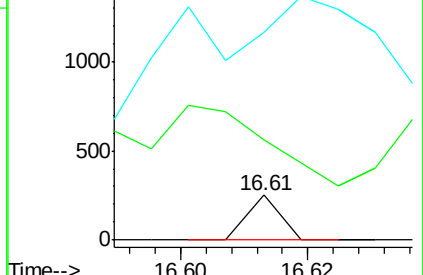
141 466.8 55.2 82.8#

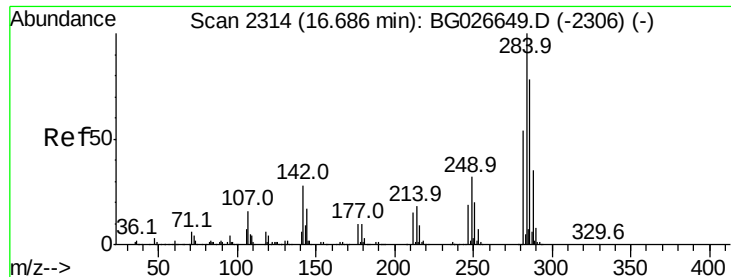


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

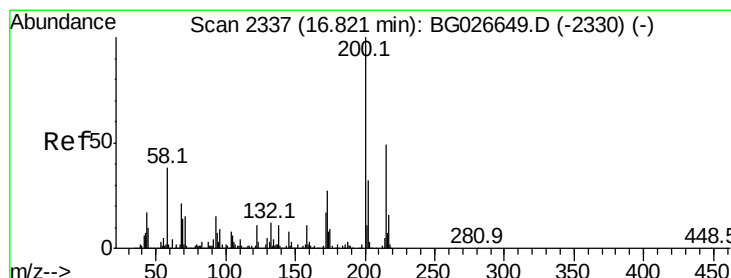
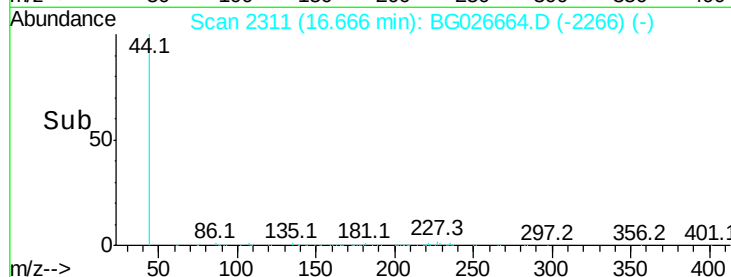
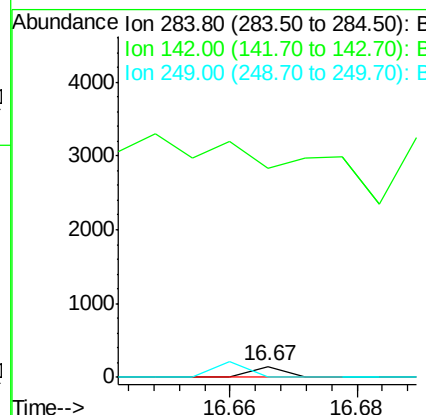
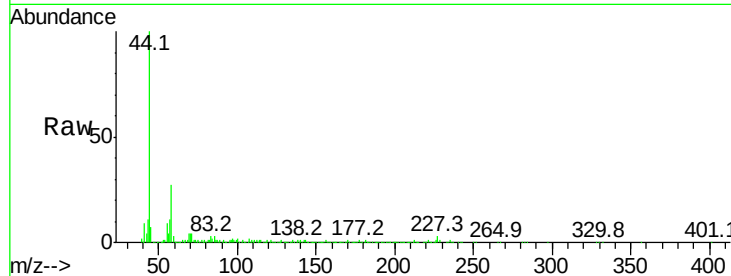




#67  
Hexachlorobenzene  
Concen: 0.00 ng  
RT: 16.67 min Scan# 2311  
Delta R.T. -0.04 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

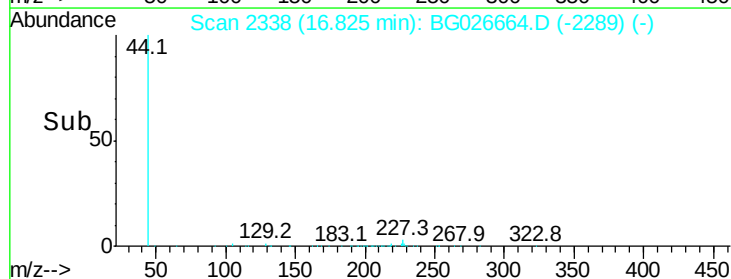
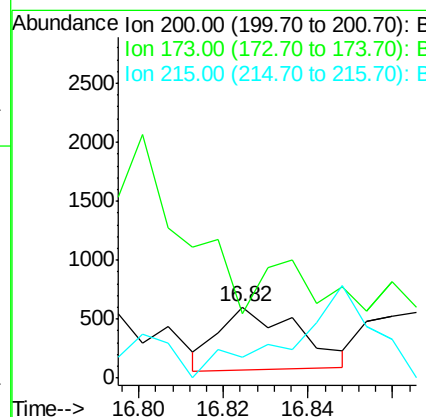
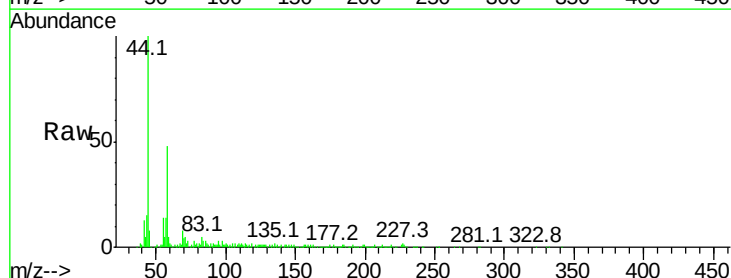
Instrument :  
BNA\_G  
ClientSampleId :

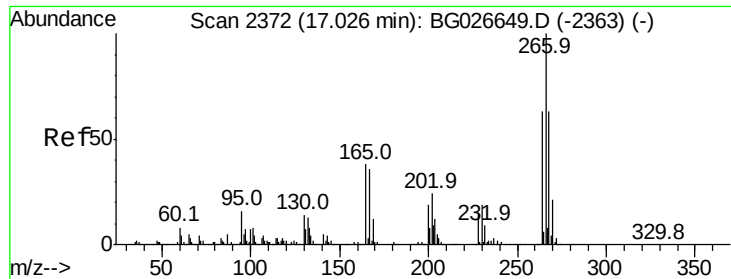
Tot Ion:284 Resp: 53  
Ion Ratio Lower Upper  
284 100  
142 1885.3 29.9 44.9#  
249 0.0 29.2 43.8#



#68  
Atrazine  
Concen: 0.06 ng  
RT: 16.82 min Scan# 2338  
Delta R.T. -0.01 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

Tgt Ion:200 Resp: 687  
Ion Ratio Lower Upper  
200 100  
173 91.1 3.0 43.0#  
215 30.1 28.4 68.4

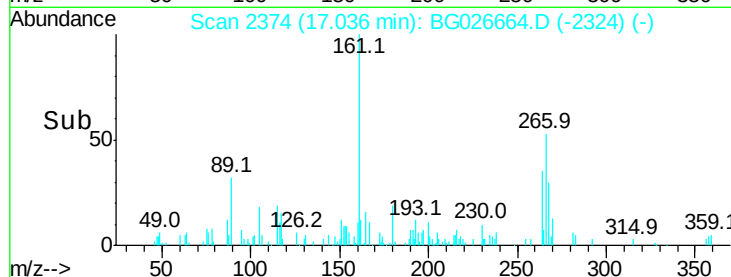
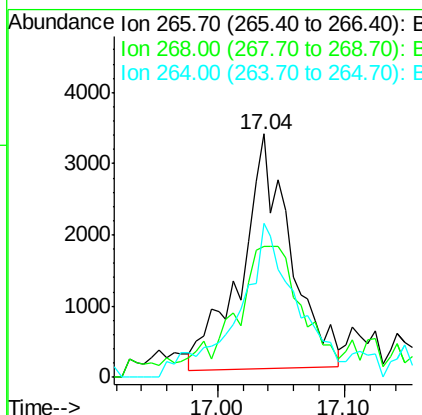
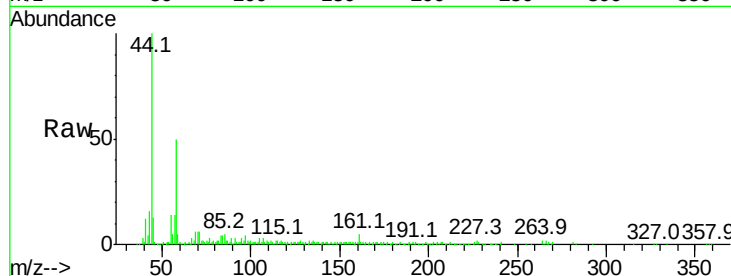




#69  
 Pentachlorophenol  
 Concen: 1.14 ng  
 RT: 17.04 min Scan# 2374  
 Delta R.T. -0.01 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

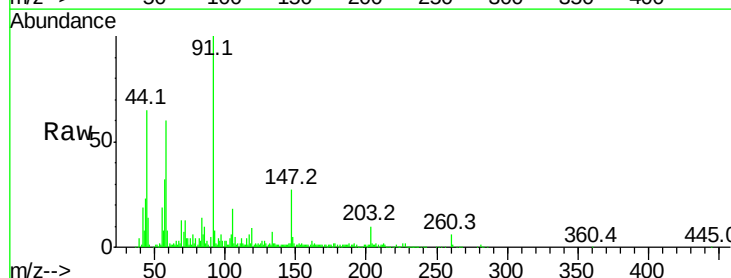
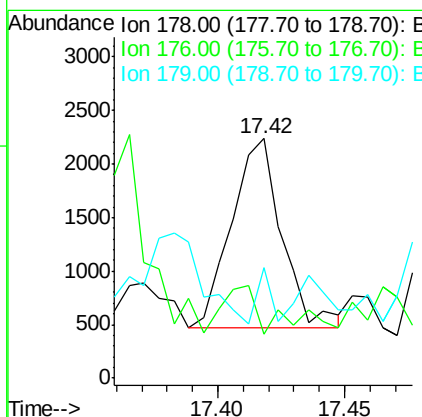
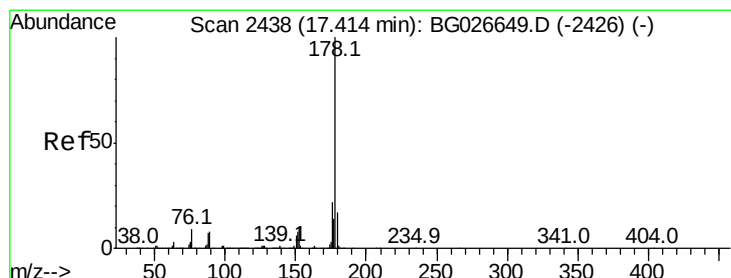
Instrument :  
 BNA\_G  
 ClientSampled :

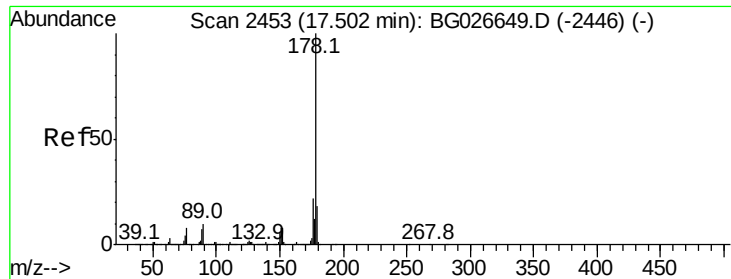
Tot Ion:266 Resp: 8925  
 Ion Ratio Lower Upper  
 266 100  
 268 53.6 48.6 72.8  
 264 63.3 50.1 75.1



#70  
 Phenanthrene  
 Concen: 0.04 ng  
 RT: 17.42 min Scan# 2439  
 Delta R.T. -0.01 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

Tgt Ion:178 Resp: 2415  
 Ion Ratio Lower Upper  
 178 100  
 176 18.3 17.7 26.5  
 179 46.4 15.0 22.6#

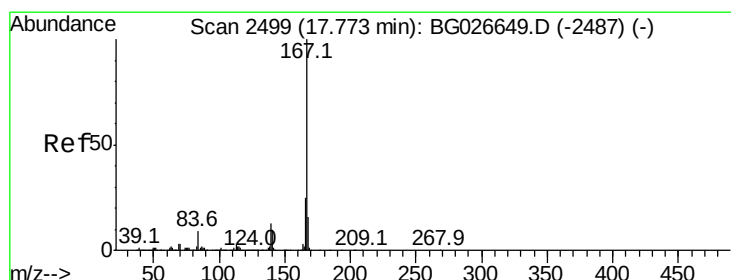
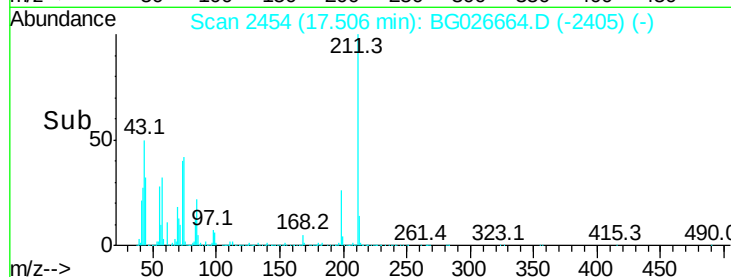
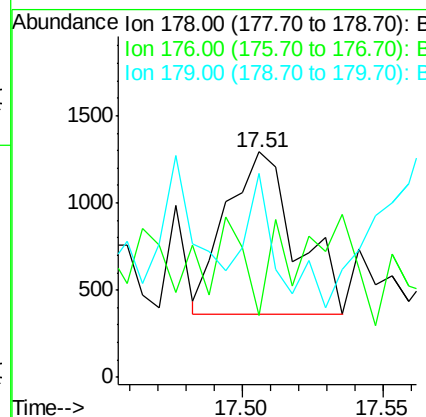
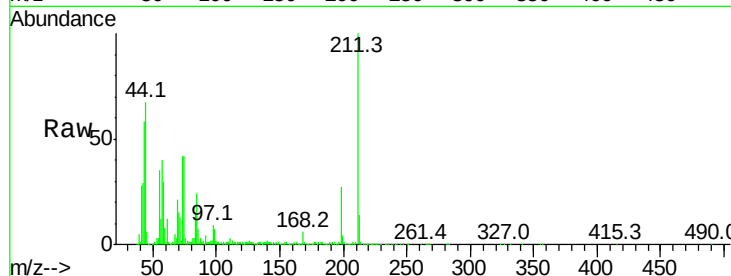




#71  
 Anthracene  
 Concen: 0.03 ng  
 RT: 17.51 min Scan# 2454  
 Delta R.T. -0.01 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

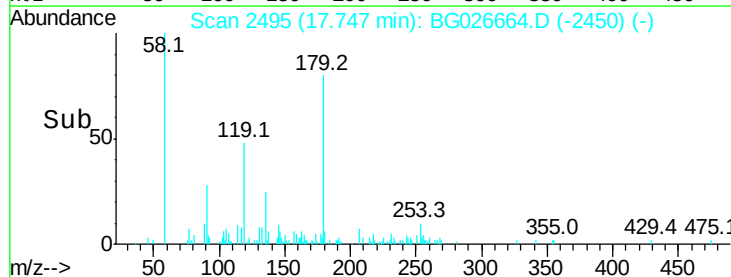
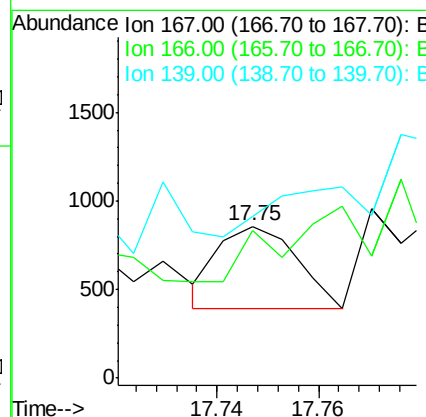
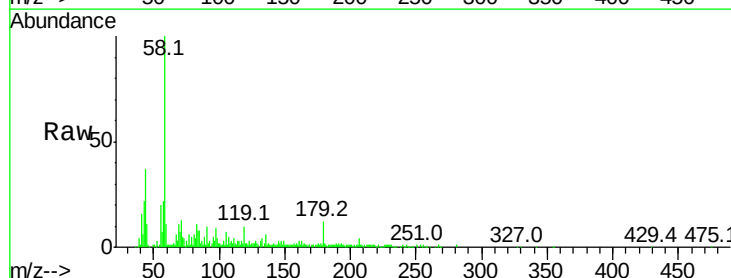
Instrument :  
 BNA\_G  
 ClientSampleId :

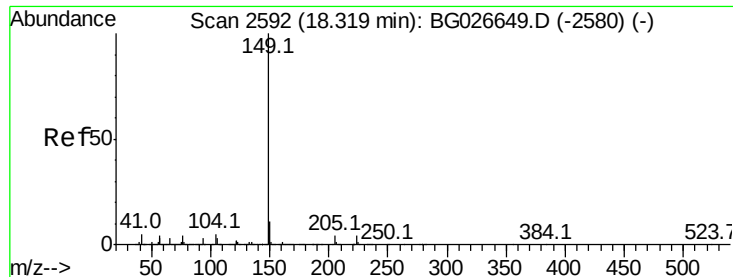
Tot Ion:178 Resp: 1585  
 Ion Ratio Lower Upper  
 178 100  
 176 27.2 16.4 24.6#  
 179 90.7 13.8 20.8#



#72  
 Carbazole  
 Concen: 0.01 ng  
 RT: 17.75 min Scan# 2495  
 Delta R.T. -0.04 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

Tgt Ion:167 Resp: 499  
 Ion Ratio Lower Upper  
 167 100  
 166 97.5 20.2 30.2#  
 139 106.9 12.8 19.2#





#73

Di-n-butylphthalate

Concen: 0.14 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

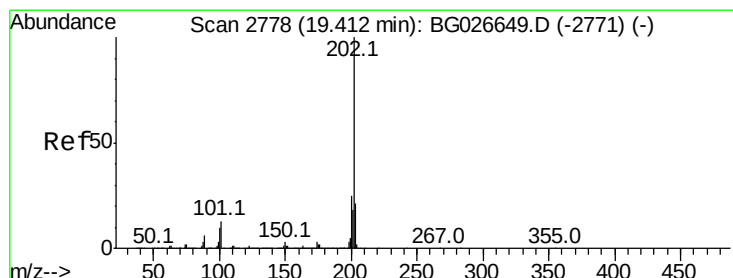
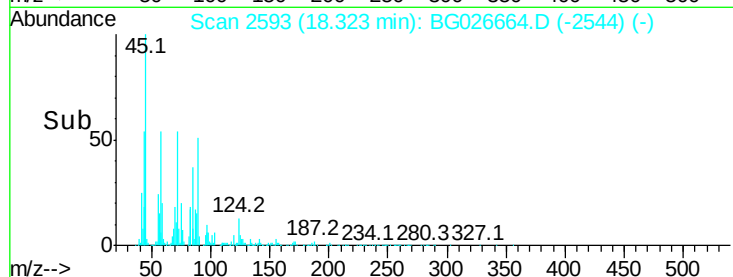
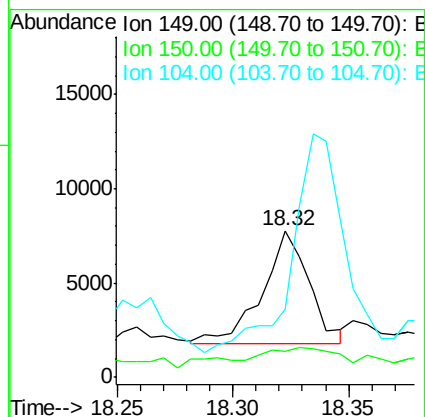
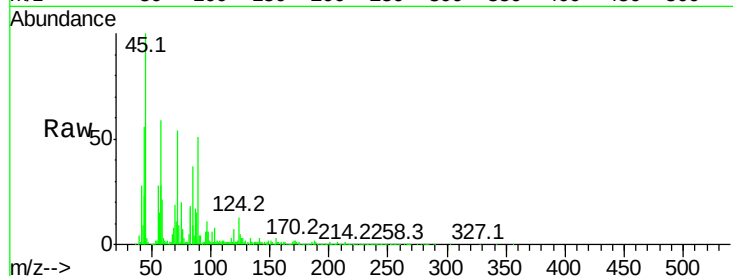
Tot Ion:149 Resp: 8362

Ion Ratio Lower Upper

149 100

150 17.5 9.1 13.7#

104 46.6 6.7 10.1#



#74

Fluoranthene

Concen: 0.04 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

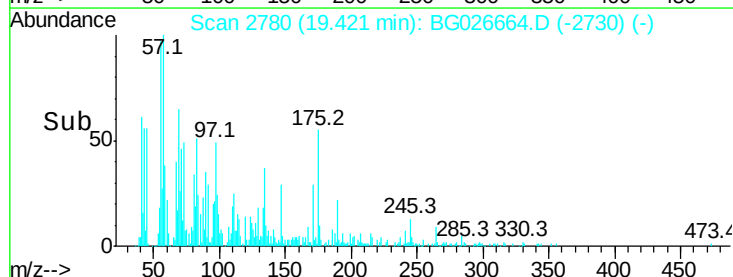
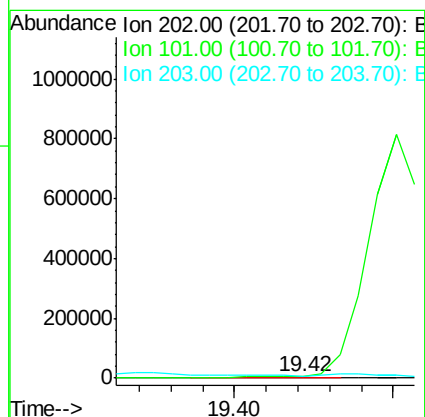
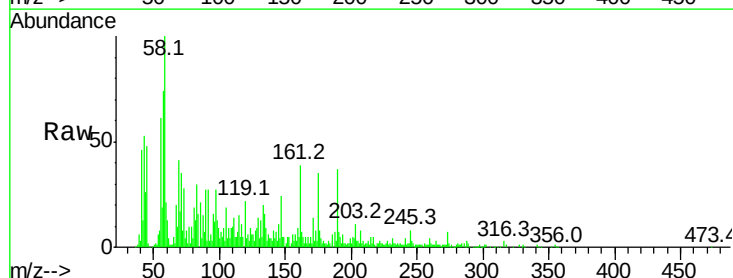
Tgt Ion:202 Resp: 2681

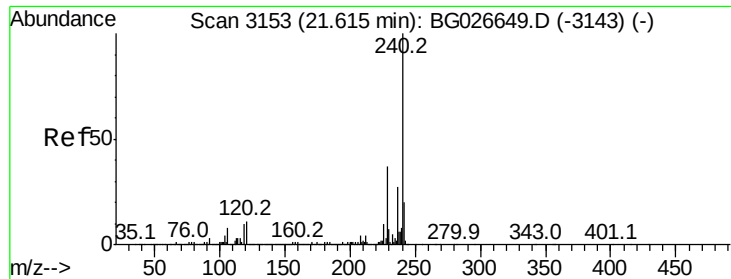
Ion Ratio Lower Upper

202 100

101 176.0 0.0 30.1#

203 284.0 1.3 41.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

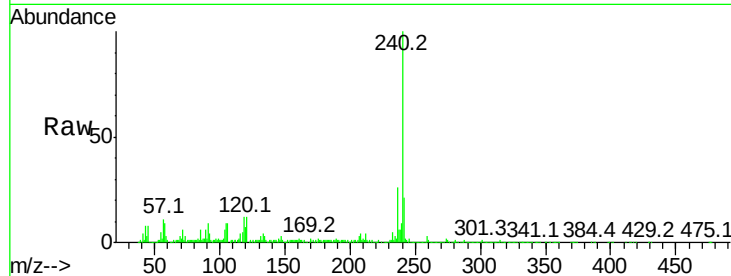
Tot Ion:240 Resp: 1195872

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

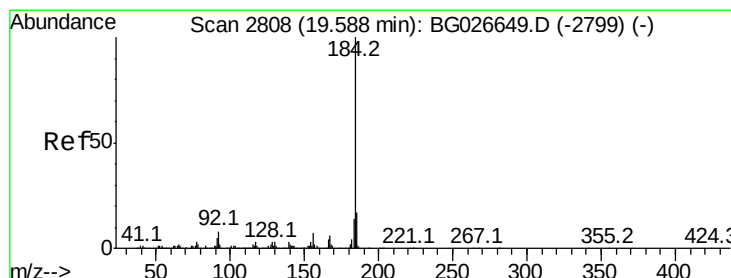
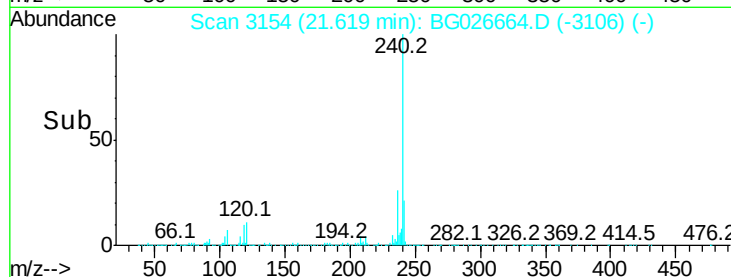
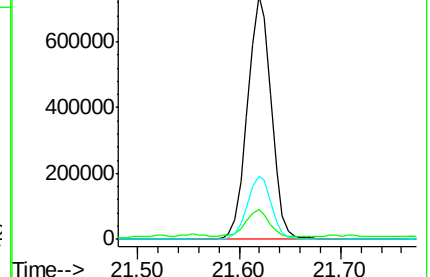
236 26.0 22.2 33.4



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: 4.17 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

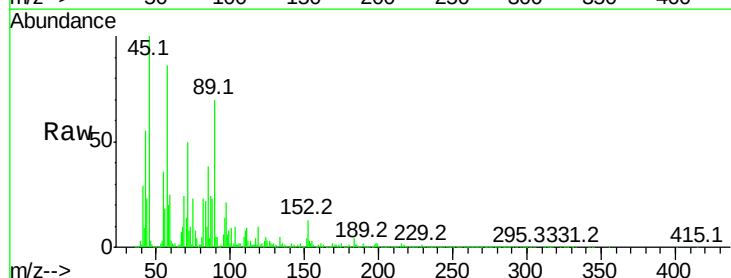
Tgt Ion:184 Resp: 16092

Ion Ratio Lower Upper

184 100

185 77.0 13.0 19.6#

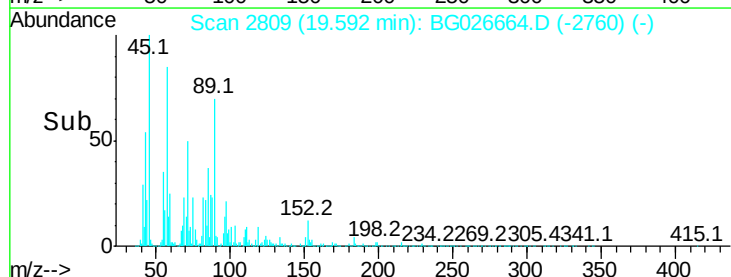
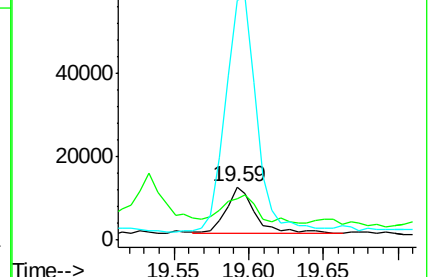
183 452.5 11.0 16.6#



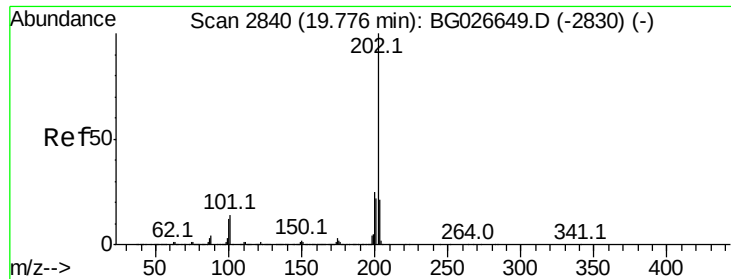
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E







#77

Pvrene

Concen: 0.04 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

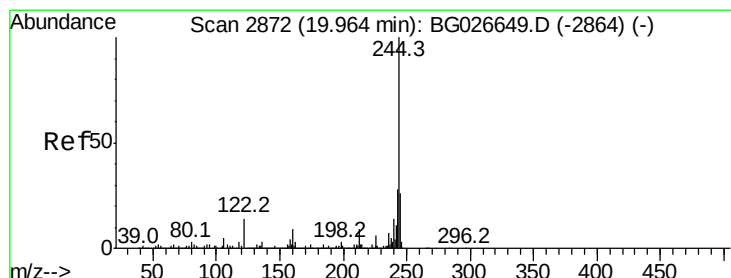
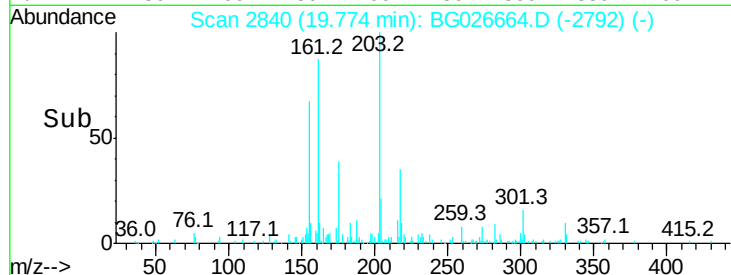
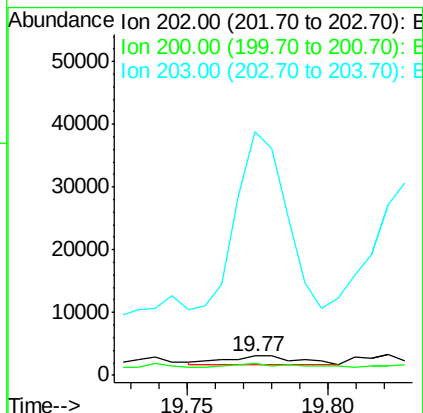
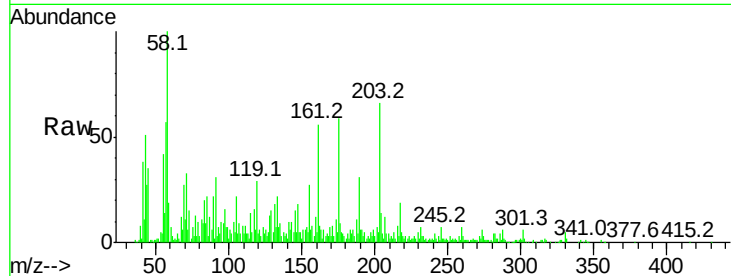
Tot Ion:202 Resp: 2431

Ion Ratio Lower Upper

202 100

200 63.5 19.6 29.4#

203 1274.0 15.8 23.8#



#78

Terphenyl-d14

Concen: 84.71 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

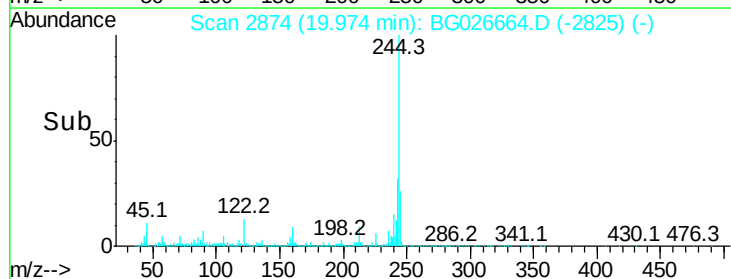
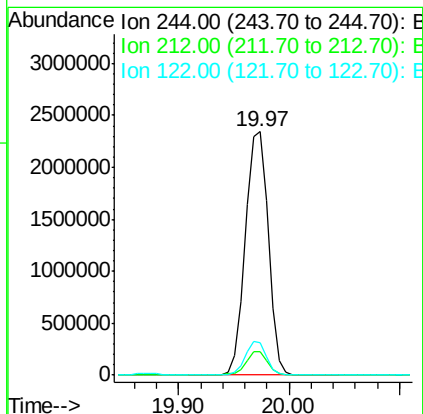
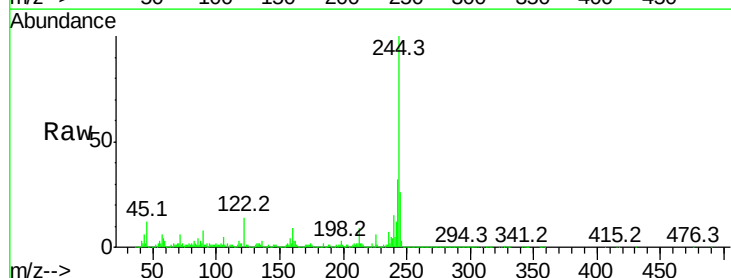
Tgt Ion:244 Resp: 3431452

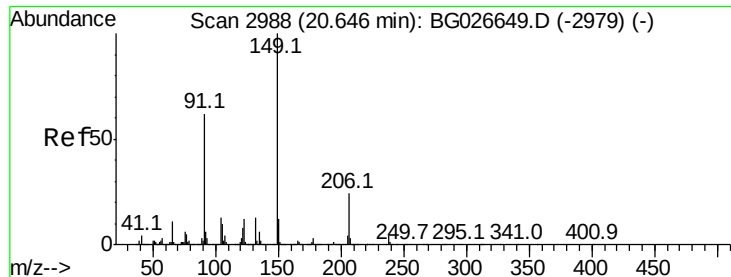
Ion Ratio Lower Upper

244 100

212 9.4 10.0 15.0#

122 13.6 8.6 12.8#

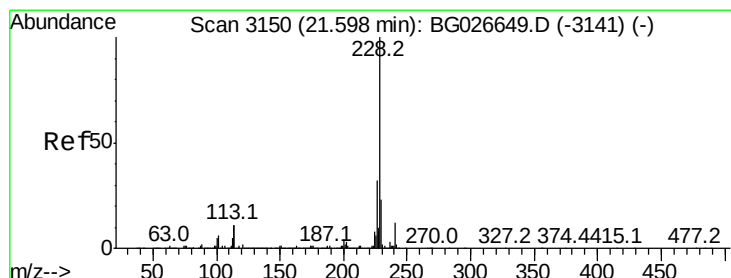
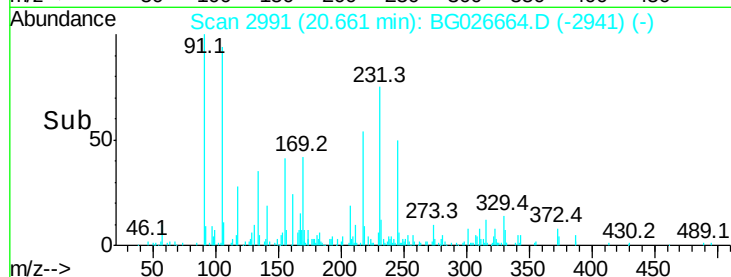
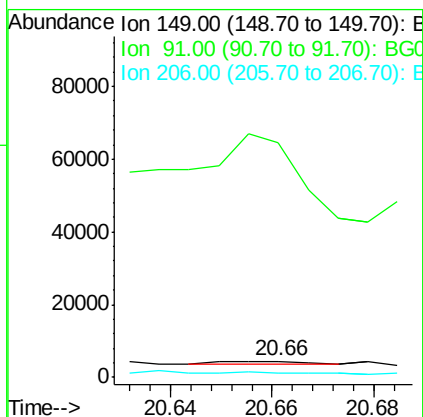
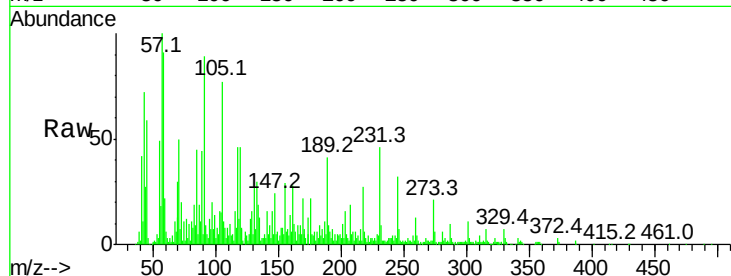




#79  
Butylbenzylphthalate  
Concen: 0.03 ng  
RT: 20.66 min Scan# 2991  
Delta R.T. -0.01 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

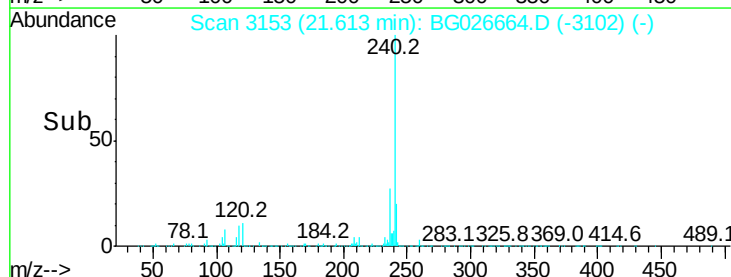
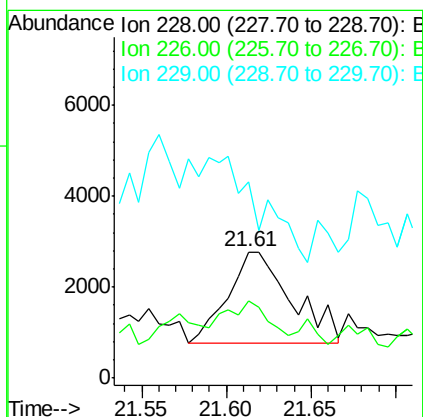
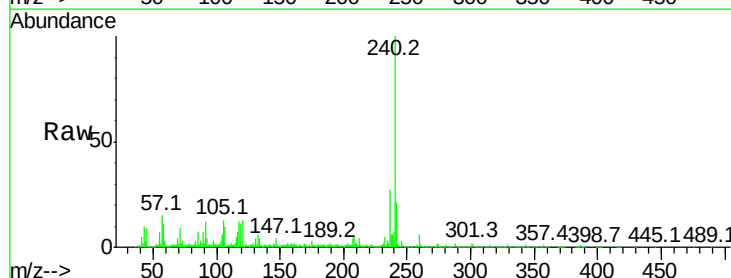
Instrument :  
BNA\_G  
ClientSampleId :

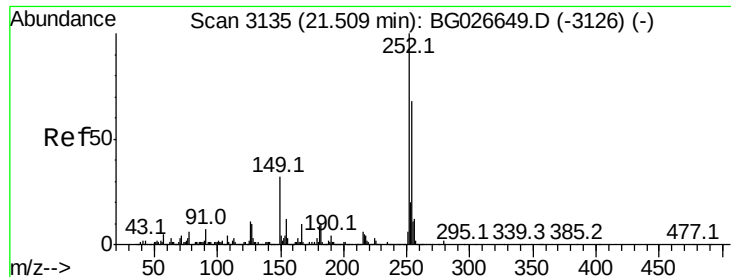
Tot Ion:149 Resp: 857  
Ion Ratio Lower Upper  
149 100  
91 1465.3 63.5 95.3#  
206 28.3 21.0 31.6



#80  
Benzo(a)anthracene  
Concen: 0.08 ng  
RT: 21.61 min Scan# 3153  
Delta R.T. -0.00 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

Tgt Ion:228 Resp: 5319  
Ion Ratio Lower Upper  
228 100  
226 60.9 24.9 37.3#  
229 155.4 18.2 27.2#

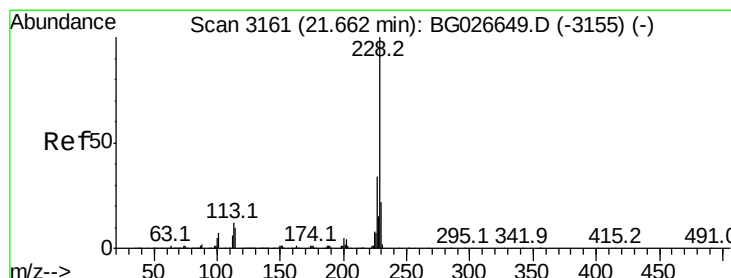
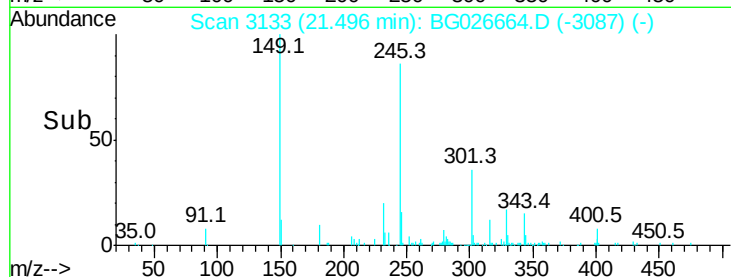
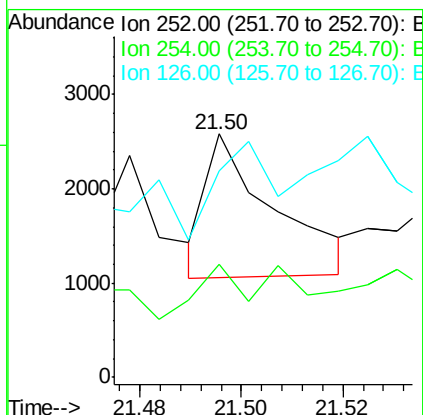
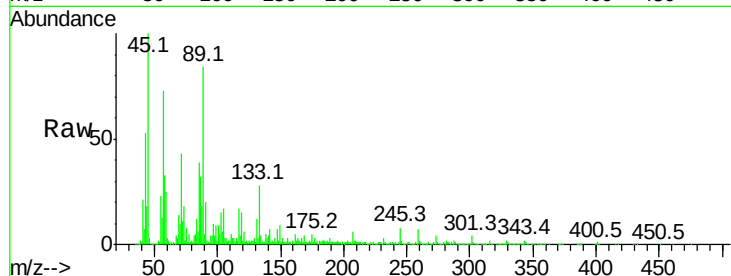




#81  
 3,3'-Dichlorobenzidine  
 Concen: 0.05 ng  
 RT: 21.50 min Scan# 3133  
 Delta R.T. -0.03 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

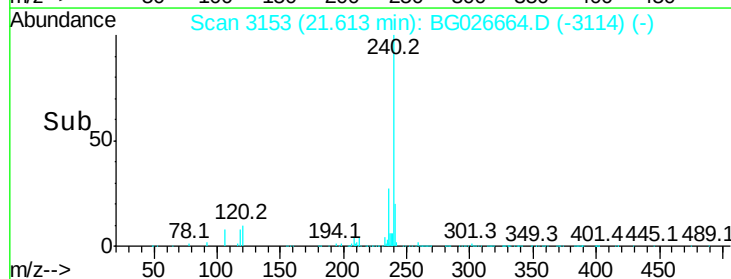
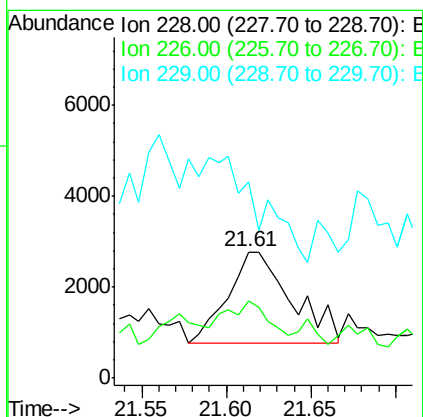
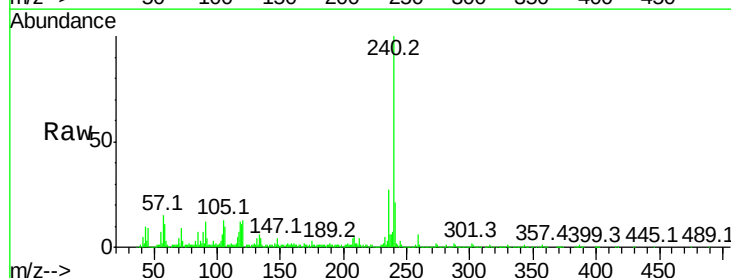
Instrument :  
 BNA\_G  
 ClientSampleId :

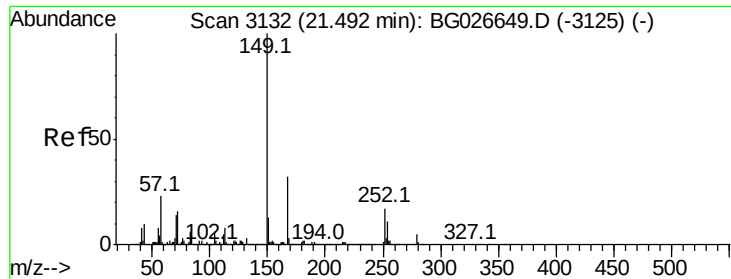
Tot Ion:252 Resp: 1422  
 Ion Ratio Lower Upper  
 252 100  
 254 46.5 53.1 79.7#  
 126 84.7 7.0 10.4#



#82  
 Chrysene  
 Concen: 0.09 ng  
 RT: 21.61 min Scan# 3153  
 Delta R.T. -0.07 min  
 Lab File: BG026664.D  
 Acq: 19 Apr 2017 20:11

Tgt Ion:228 Resp: 5319  
 Ion Ratio Lower Upper  
 228 100  
 226 60.9 27.0 40.4#  
 229 155.4 17.8 26.6#





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.25 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampled :

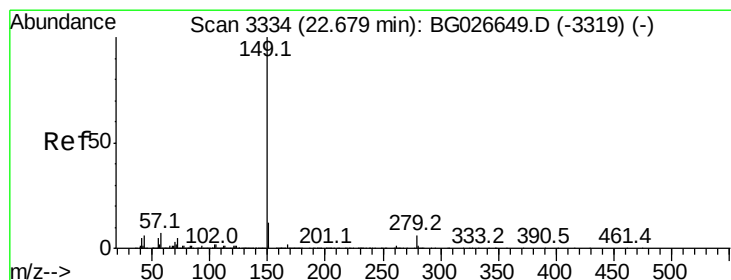
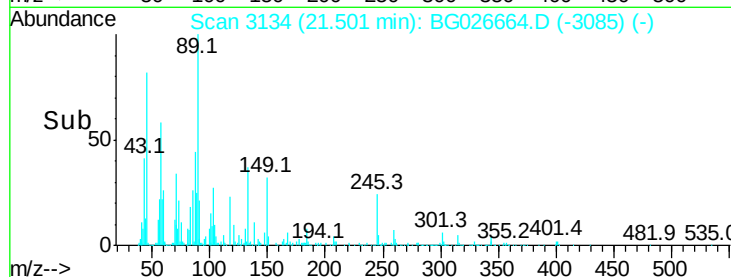
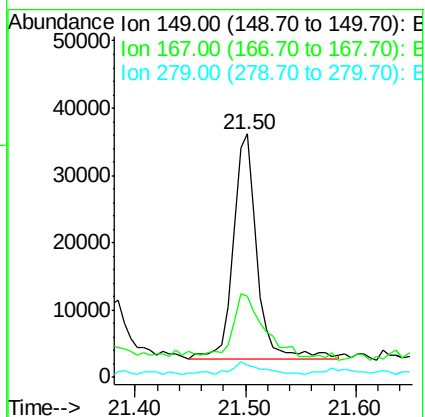
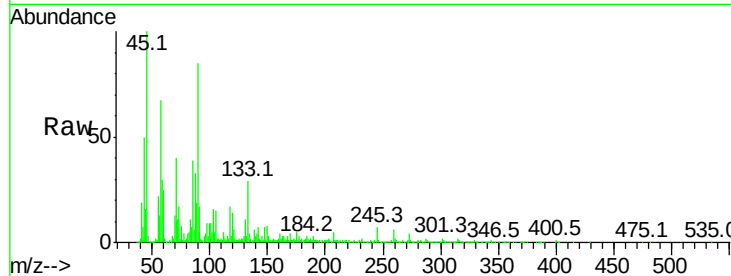
Tot Ion:149 Resp: 49941

Ion Ratio Lower Upper

149 100

167 33.4 23.7 35.5

279 5.0 4.6 6.8



#84

Di-n-octyl phthalate

Concen: 0.02 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

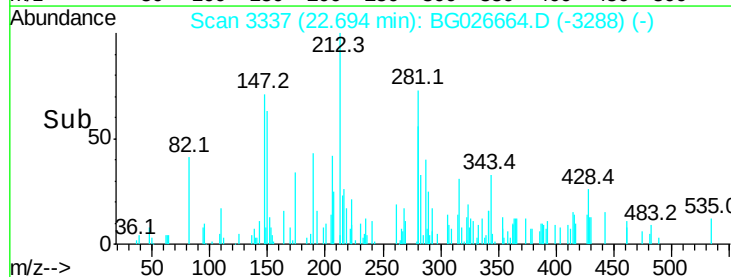
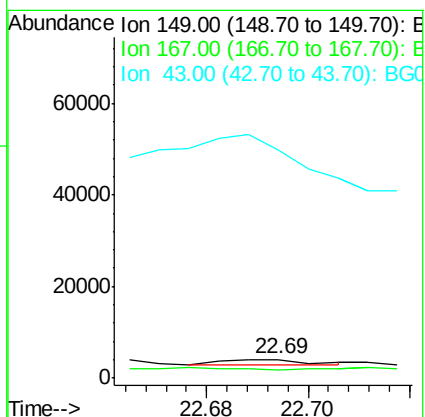
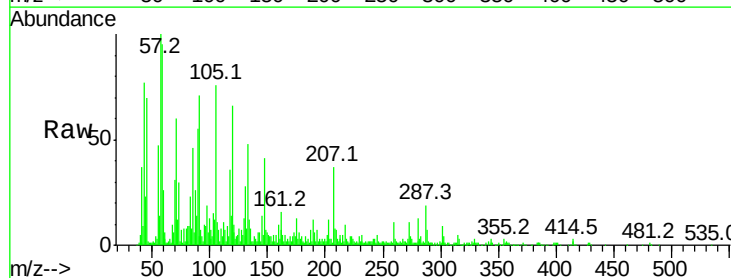
Tgt Ion:149 Resp: 1365

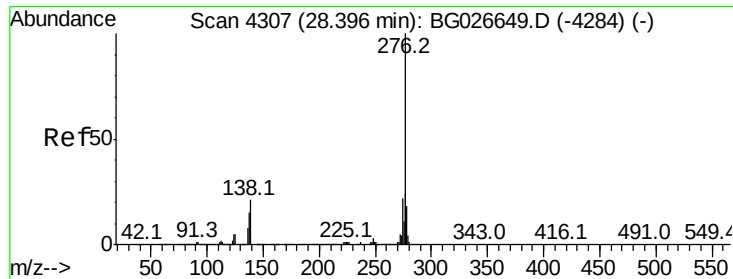
Ion Ratio Lower Upper

149 100

167 64.2 1.4 2.2#

43 0.0 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 28.46 min Scan# 4318

Delta R.T. -0.00 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampled :

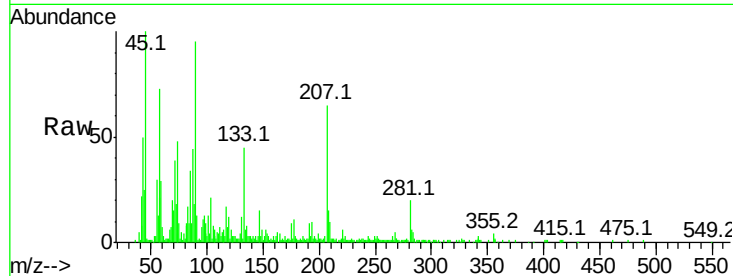
Tot Ion:276 Resp: 901

Ion Ratio Lower Upper

276 100

138 35.6 4.7 7.1#

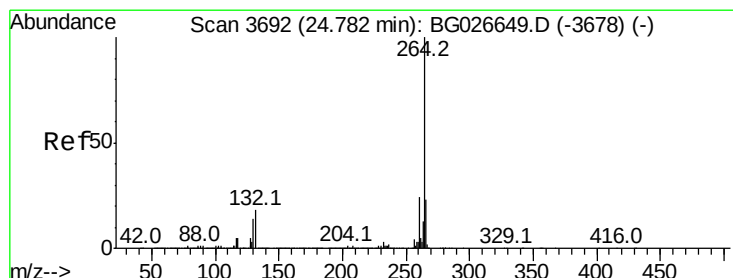
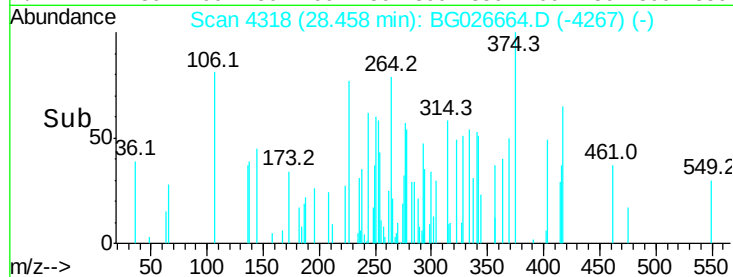
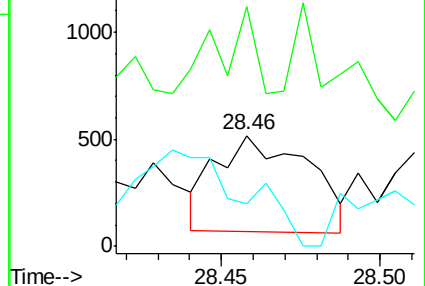
277 0.0 20.6 31.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

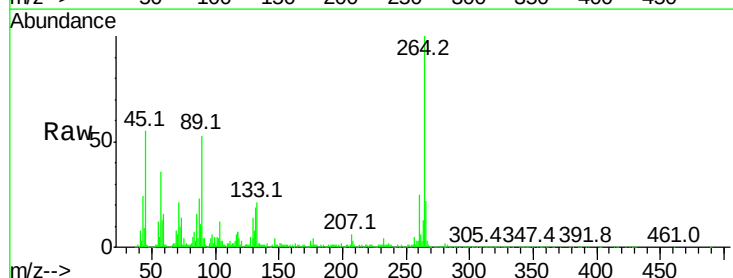
Tgt Ion:264 Resp: 1072169

Ion Ratio Lower Upper

264 100

260 24.9 21.8 32.8

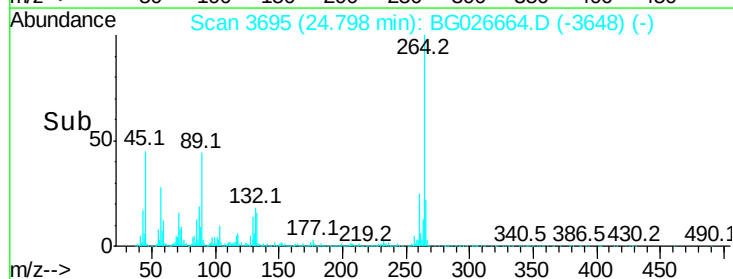
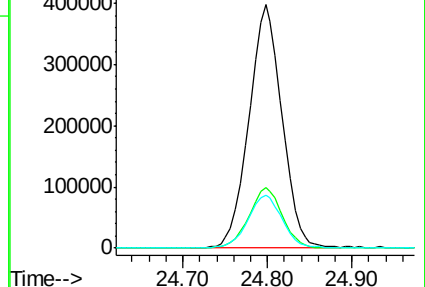
265 21.8 18.2 27.4

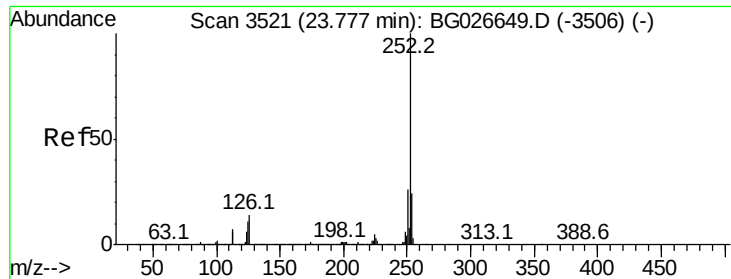


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

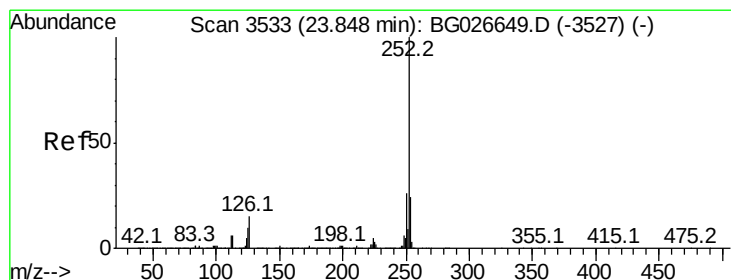
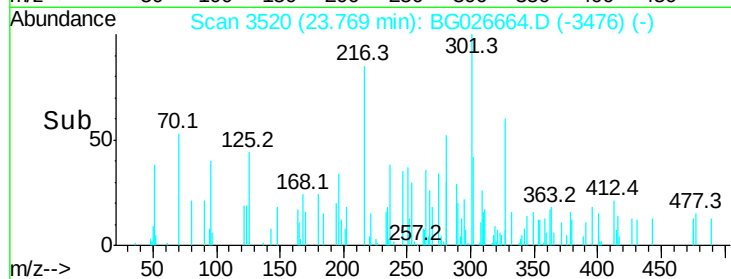
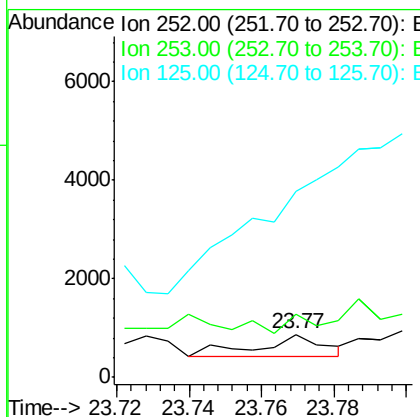
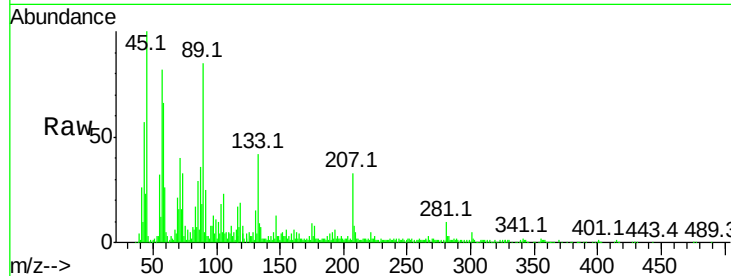




#87  
Benzo(b)fluoranthene  
Concen: 0.01 ng  
RT: 23.77 min Scan# 3520  
Delta R.T. -0.04 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

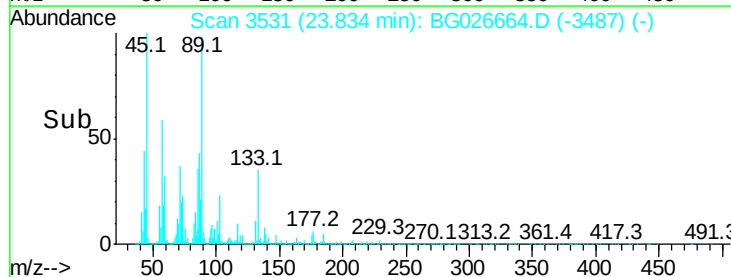
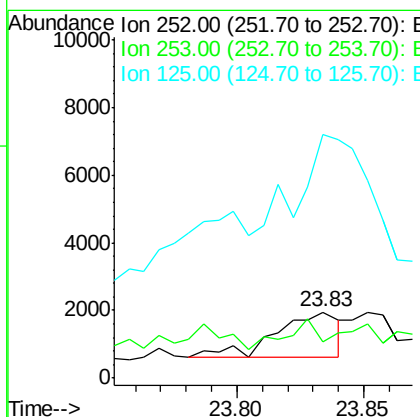
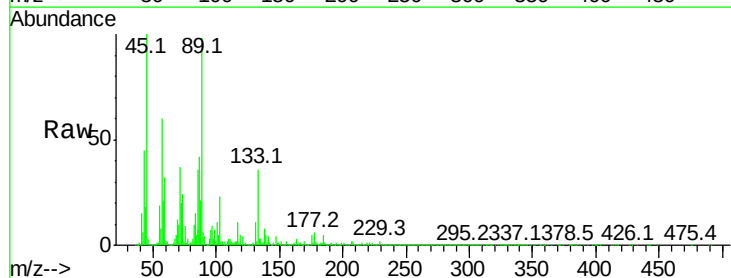
Instrument :  
BNA\_G  
ClientSampleId :

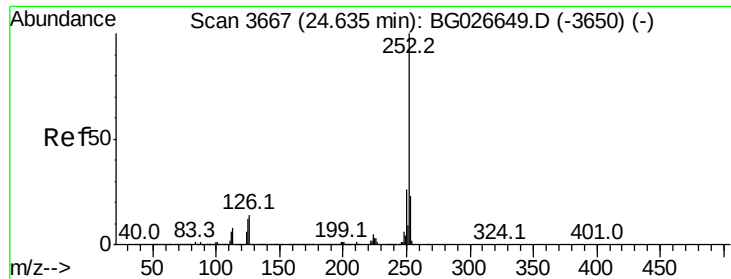
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 145.6 | 18.7  | 28.1# |
| 125     | 433.6 | 5.3   | 7.9#  |



#88  
Benzo(k)fluoranthene  
Concen: 0.04 ng  
RT: 23.83 min Scan# 3531  
Delta R.T. -0.04 min  
Lab File: BG026664.D  
Acq: 19 Apr 2017 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 55.3  | 20.2  | 30.2# |
| 125     | 368.3 | 5.1   | 7.7#  |





#89

Benzo(a)pyrene

Concen: 0.02 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampled :

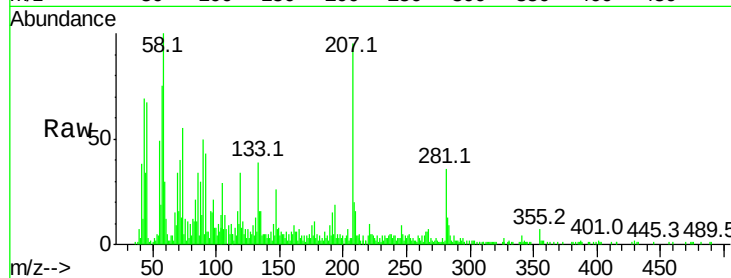
Tot Ion:252 Resp: 1065

Ion Ratio Lower Upper

252 100

253 55.1 19.2 28.8#

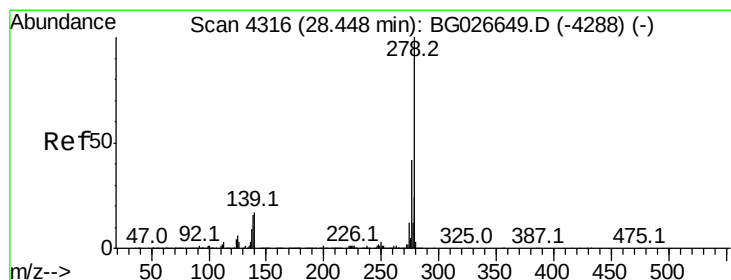
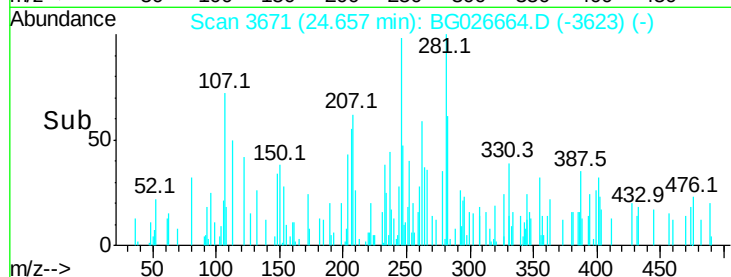
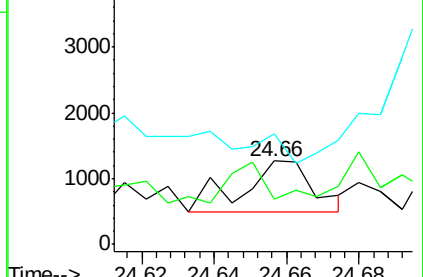
125 133.1 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 28.52 min Scan# 4328

Delta R.T. 0.01 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

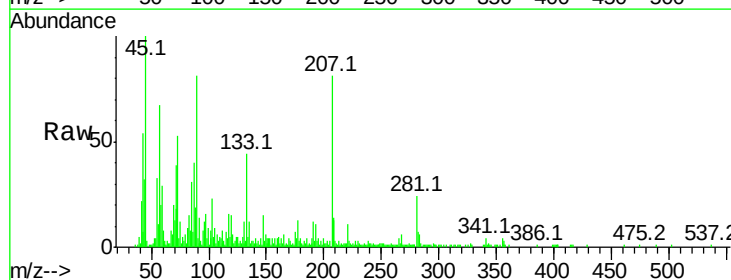
Tgt Ion:278 Resp: 414

Ion Ratio Lower Upper

278 100

139 119.6 7.7 11.5#

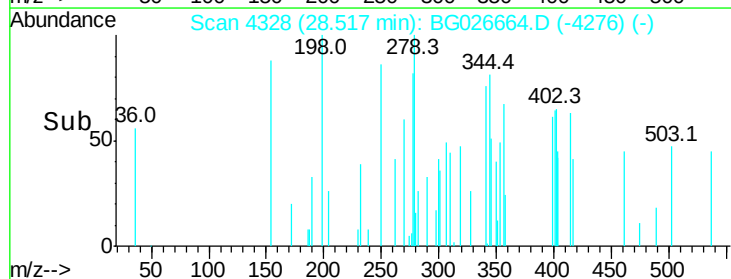
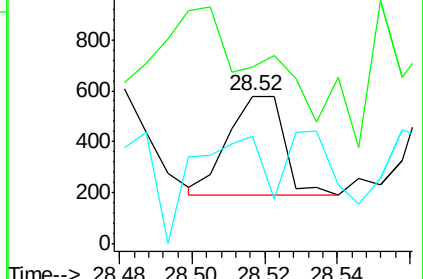
279 72.7 19.1 28.7#

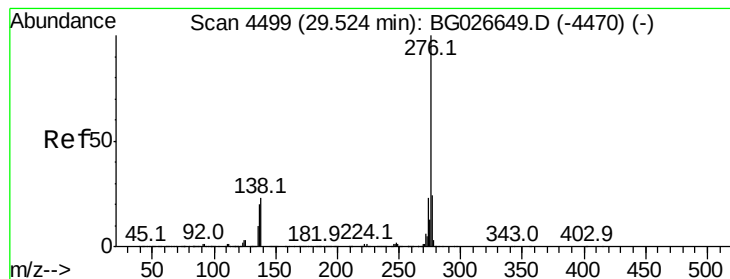


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.01 ng

RT: 29.55 min Scan# 4504

Delta R.T. -0.04 min

Lab File: BG026664.D

Acq: 19 Apr 2017 20:11

Instrument :

BNA\_G

ClientSampleId :

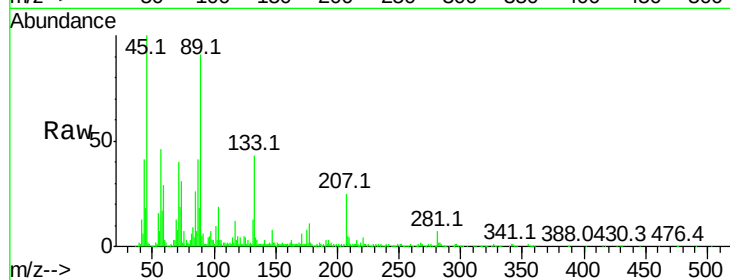
Tot Ion: 276 Resp: 712

Ion Ratio Lower Upper

276 100

277 31.6 18.6 27.8#

138 151.5 8.1 12.1#



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

