

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102616\  
 Data File : BG024512.D  
 Acq On : 26 Oct 2016 13:32  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 26 17:39:26 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 11:14:13 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.27  | 152  | 164089   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.10 | 136  | 612412   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.89 | 164  | 470360   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.63 | 188  | 1043408  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.93 | 240  | 1448624  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.36 | 264  | 1617594  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.80  | 112 | 762952  | 76.21 | ng | 0.00 |
| 7) Phenol-d6             | 7.40  | 99  | 1069186 | 77.85 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.45  | 82  | 1116732 | 83.02 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.37 | 330 | 586531  | 83.47 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.51 | 172 | 2252958 | 79.61 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.21 | 244 | 3512032 | 72.44 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.67  | 88  | 166783  | 40.78 | ng | 91     |
| 3) Pyridine                    | 4.08  | 79  | 479121  | 39.12 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.99  | 42  | 253066  | 39.92 | ng | 98     |
| 6) Aniline                     | 7.59  | 93  | 668544  | 38.43 | ng | 96     |
| 8) 2-Chlorophenol              | 7.83  | 128 | 392458  | 38.56 | ng | 92     |
| 9) Benzaldehyde                | 7.40  | 77  | 322324  | 37.98 | ng | 90     |
| 10) Phenol                     | 7.43  | 94  | 551549  | 38.96 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.68  | 93  | 414663  | 38.99 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 8.16  | 146 | 476479  | 37.81 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 8.31  | 146 | 491221  | 39.47 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.63  | 146 | 465415  | 38.89 | ng | 97     |
| 15) Benzyl Alcohol             | 8.50  | 79  | 499466  | 39.10 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.79  | 45  | 754416  | 38.23 | ng | 96     |
| 17) 2-Methylphenol             | 8.70  | 107 | 357398  | 38.10 | ng | 97     |
| 18) Hexachloroethane           | 9.36  | 117 | 187172  | 39.12 | ng | 85     |
| 19) n-Nitroso-di-n-propylamine | 9.07  | 70  | 392012  | 38.73 | ng | 94     |
| 20) 3+4-Methylphenols          | 9.02  | 107 | 499376  | 39.65 | ng | 99     |
| 22) Acetophenone               | 9.10  | 105 | 637053  | 40.50 | ng | # 96   |
| 24) Nitrobenzene               | 9.49  | 77  | 631586  | 42.21 | ng | 97     |
| 25) Isophorone                 | 10.01 | 82  | 993225  | 39.70 | ng | 98     |
| 26) 2-Nitrophenol              | 10.21 | 139 | 237233  | 42.71 | ng | 90     |
| 27) 2,4-Dimethylphenol         | 10.24 | 122 | 423921  | 43.60 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.49 | 93  | 527717  | 40.76 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.73 | 162 | 421661  | 41.32 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.96 | 180 | 499425  | 41.25 | ng | 99     |
| 31) Naphthalene                | 11.15 | 128 | 1235166 | 40.43 | ng | 99     |
| 32) Benzoic acid               | 10.38 | 122 | 356026  | 43.97 | ng | 97     |
| 33) 4-Chloroaniline            | 11.25 | 127 | 536357  | 40.44 | ng | # 92   |
| 34) Hexachlorobutadiene        | 11.42 | 225 | 390641  | 41.23 | ng | 97     |
| 35) Caprolactam                | 12.03 | 113 | 140095  | 37.50 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.34 | 107 | 515856  | 41.87 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.73 | 142 | 920541  | 41.30 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.09 | 216 | 650393  | 41.00 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 13.07 | 237 | 391898  | 43.87 | ng | 94     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

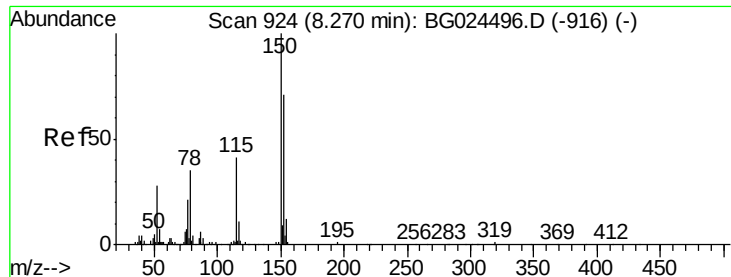
Instrument :  
 BNA\_G  
 ClientSampleId :  
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Quant Time: Oct 26 17:39:26 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
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 QLast Update : Wed Oct 26 11:14:13 2016  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.32 | 196  | 406956   | 42.68 | nq    | 93       |
| 43) 2,4,5-Trichlorophenol      | 13.40 | 196  | 419531   | 40.69 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 13.72 | 154  | 1303687  | 39.94 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.78 | 162  | 1001638  | 40.30 | nq    | 98       |
| 47) 2-Nitroaniline             | 13.98 | 65   | 426468   | 41.91 | nq    | 97       |
| 48) Acenaphthylene             | 14.62 | 152  | 1518692  | 39.84 | nq    | 99       |
| 49) Dimethylphthalate          | 14.33 | 163  | 1337531  | 40.06 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.46 | 165  | 298105   | 41.82 | nq    | 94       |
| 51) Acenaphthene               | 14.95 | 154  | 1067376  | 37.57 | nq    | 96       |
| 52) 3-Nitroaniline             | 14.79 | 138  | 302703   | 41.04 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 14.99 | 184  | 217232   | 42.05 | nq    | 97       |
| 54) Dibenzofuran               | 15.28 | 168  | 1557519  | 39.65 | nq    | 99       |
| 55) 4-Nitrophenol              | 15.07 | 139  | 259352   | 40.35 | nq    | # 89     |
| 56) 2,4-Dinitrotoluene         | 15.24 | 165  | 437665   | 42.25 | nq    | # 97     |
| 57) Fluorene                   | 15.93 | 166  | 1296914  | 39.81 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.50 | 232  | 445017   | 41.63 | nq    | # 95     |
| 59) Diethylphthalate           | 15.68 | 149  | 1365460  | 39.00 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.92 | 204  | 734419   | 40.18 | nq    | 97       |
| 61) 4-Nitroaniline             | 15.95 | 138  | 335586   | 41.64 | nq    | 93       |
| 62) Azobenzene                 | 16.21 | 77   | 1386881  | 39.72 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 16.00 | 198  | 325372   | 45.26 | nq    | 92       |
| 65) n-Nitrosodiphenylamine     | 16.13 | 169  | 1169168  | 40.99 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.81 | 248  | 533490   | 42.12 | nq    | 98       |
| 67) Hexachlorobenzene          | 16.93 | 284  | 585227   | 41.81 | nq    | 91       |
| 68) Atrazine                   | 17.06 | 200  | 477509   | 39.03 | nq    | 98       |
| 69) Pentachlorophenol          | 17.27 | 266  | 408963   | 44.28 | nq    | 92       |
| 70) Phenanthrene               | 17.67 | 178  | 2110519  | 39.68 | nq    | 100      |
| 71) Anthracene                 | 17.76 | 178  | 2152348  | 40.11 | nq    | 99       |
| 72) Carbazole                  | 18.03 | 167  | 1966189  | 40.18 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.56 | 149  | 2238175  | 39.67 | nq    | 99       |
| 74) Fluoranthene               | 19.66 | 202  | 2695997  | 40.10 | nq    | 98       |
| 76) Benzidine                  | 19.84 | 184  | 1309808  | 38.38 | nq    | 98       |
| 77) Pyrene                     | 20.02 | 202  | 2752081  | 38.86 | nq    | 95       |
| 79) Butylbenzylphthalate       | 20.89 | 149  | 1184316  | 40.11 | nq    | 97       |
| 80) Benzo(a)anthracene         | 21.90 | 228  | 3057719  | 38.42 | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 21.82 | 252  | 1259973  | 39.24 | nq    | 99       |
| 82) Chrysene                   | 21.98 | 228  | 2960982  | 39.07 | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.77 | 149  | 1706595  | 40.41 | nq    | # 97     |
| 84) Di-n-octyl phthalate       | 23.05 | 149  | 2883395  | 41.14 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.32 | 276  | 4319951  | 41.29 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 24.26 | 252  | 3401573  | 38.90 | nq    | 96       |
| 88) Benzo(k)fluoranthene       | 24.34 | 252  | 3316361  | 39.27 | nq    | 100      |
| 89) Benzo(a)pyrene             | 25.20 | 252  | 3405411  | 39.86 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 29.38 | 278  | 3679207  | 39.23 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 30.56 | 276  | 3679264  | 39.27 | nq    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

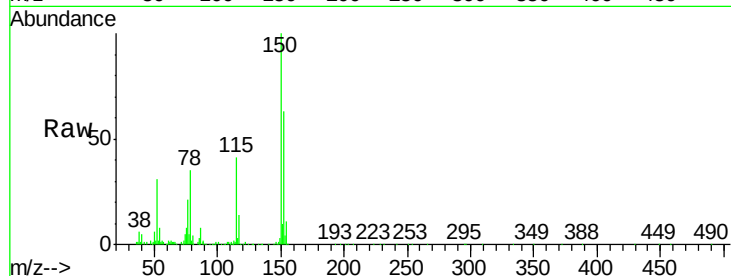
Tot Ion:152 Resp: 164089

Ion Ratio Lower Upper

152 100

150 158.0 114.0 171.0

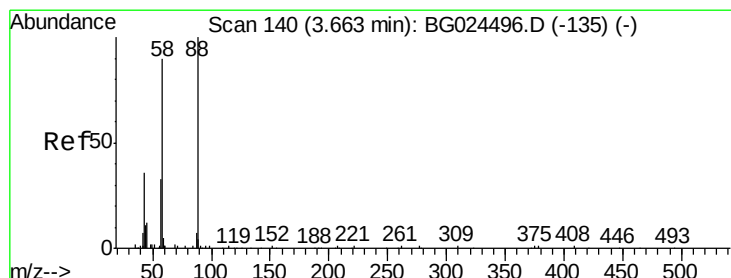
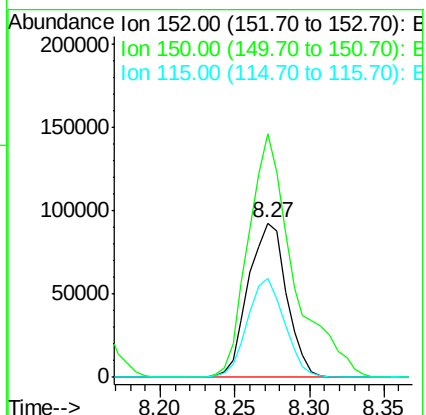
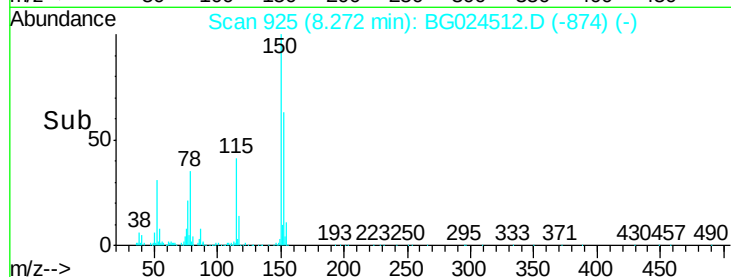
115 64.5 48.1 72.1



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: 40.78 ng

RT: 3.67 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

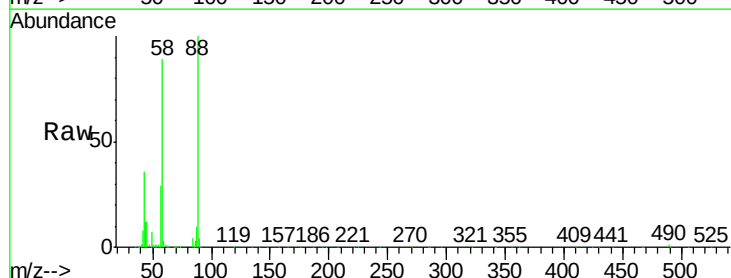
Tgt Ion: 88 Resp: 166783

Ion Ratio Lower Upper

88 100

58 89.3 79.4 119.2

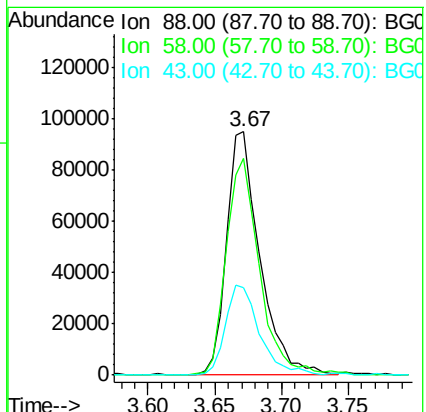
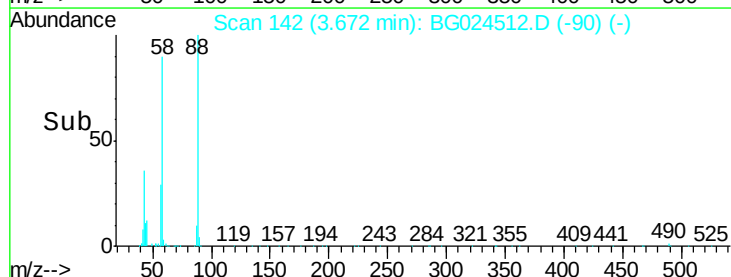
43 37.8 33.8 50.6

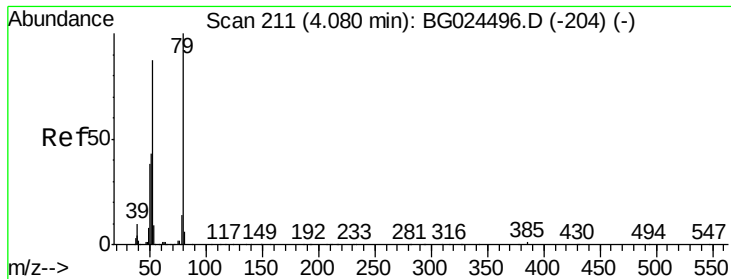


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.12 ng

RT: 4.08 min Scan# 211

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

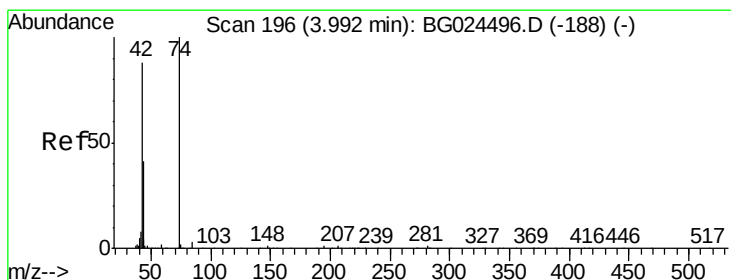
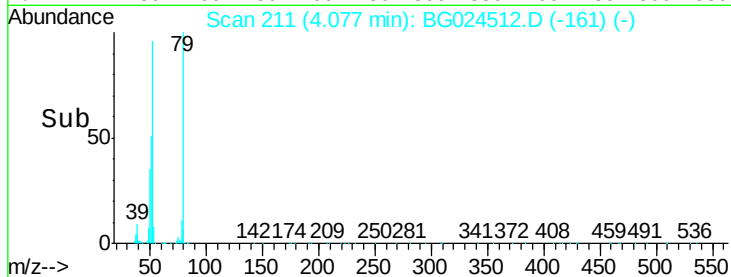
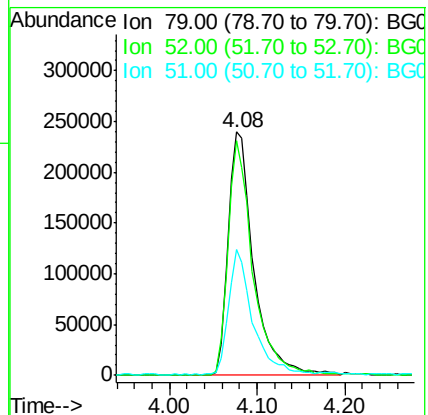
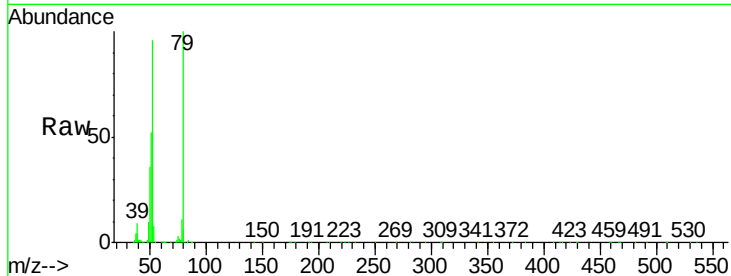
Tot Ion: 79 Resp: 479121

Ion Ratio Lower Upper

79 100

52 96.5 77.8 116.6

51 51.7 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 39.92 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

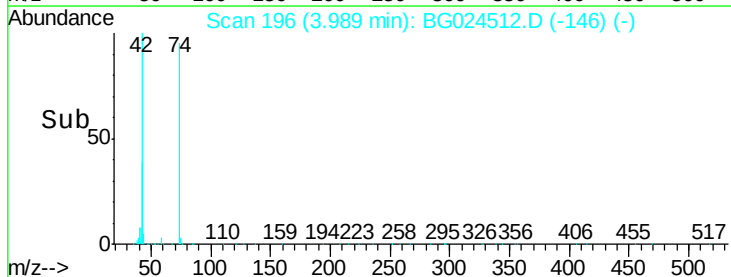
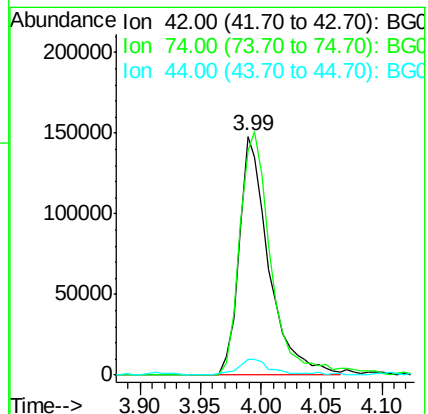
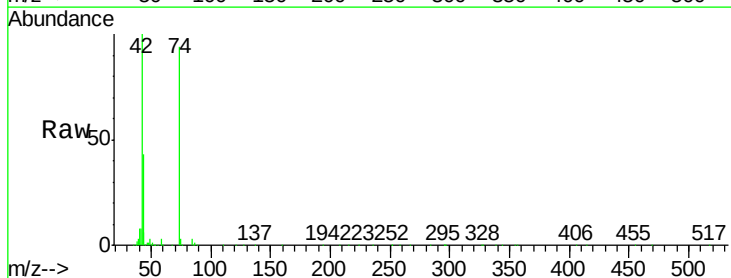
Tgt Ion: 42 Resp: 253066

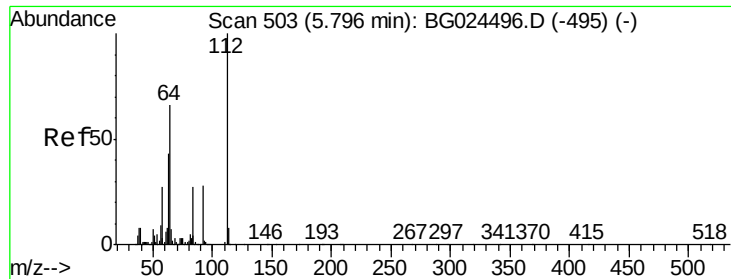
Ion Ratio Lower Upper

42 100

74 93.8 76.7 115.1

44 6.5 6.1 9.1





#5

2-Fluorophenol

Concen: 76.21 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

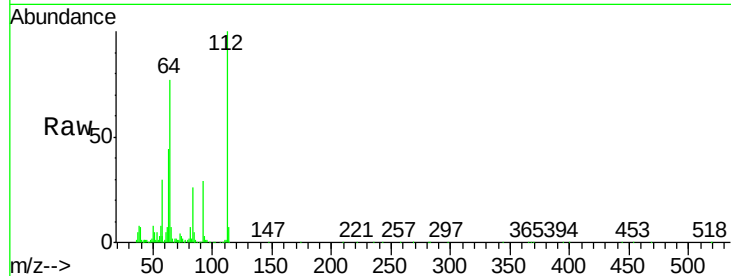
Tot Ion:112 Resp: 762952

Ion Ratio Lower Upper

112 100

64 77.4 61.8 92.6

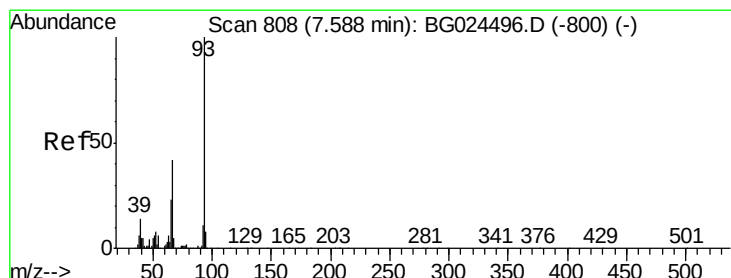
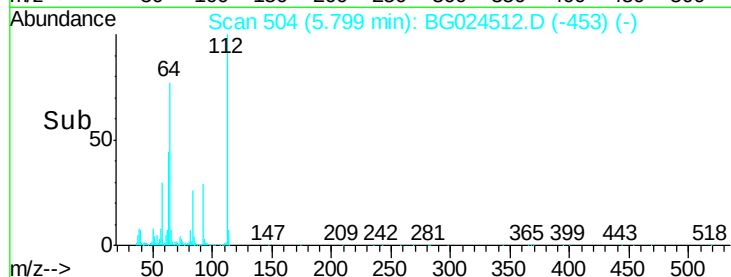
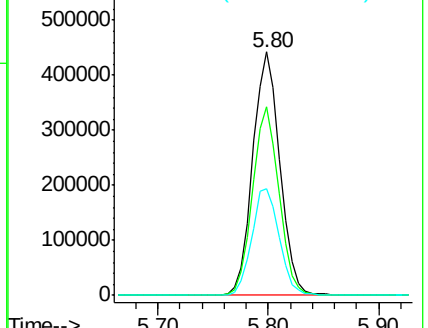
63 44.0 37.2 55.8



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: 38.43 ng

RT: 7.59 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

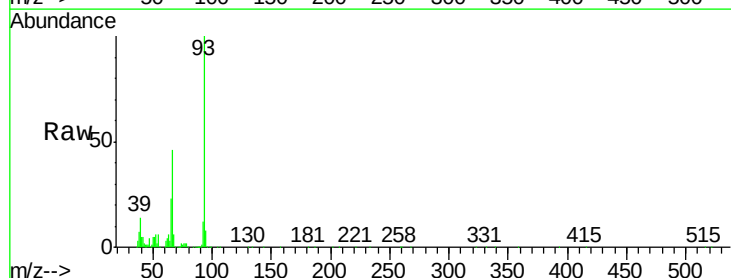
Tgt Ion: 93 Resp: 668544

Ion Ratio Lower Upper

93 100

66 45.8 35.4 53.2

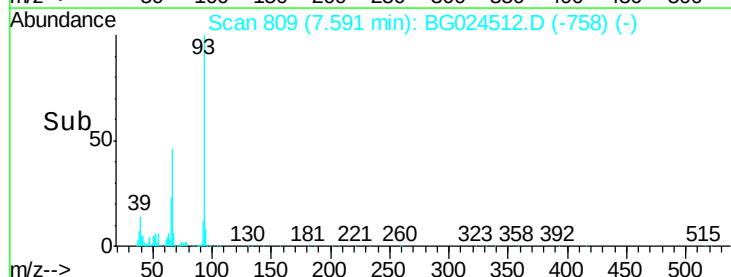
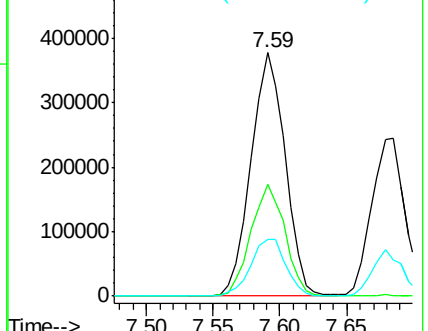
65 23.4 21.2 31.8

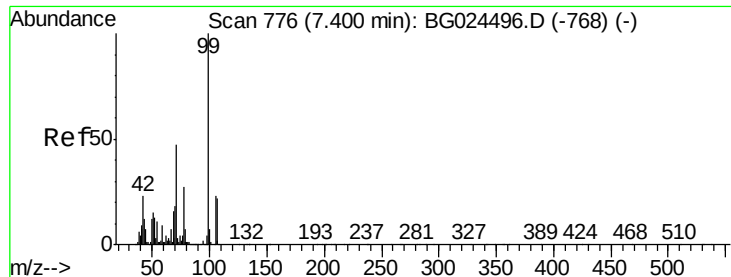


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.85 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

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ClientSampleId :

SSTDCCC040

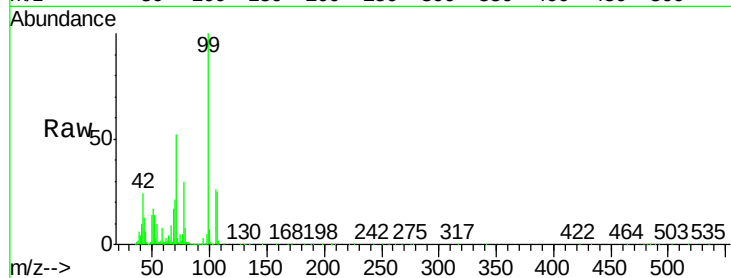
Tot Ion: 99 Resp: 1069186

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.0  | 20.5  | 30.7  |
| 71  | 52.2  | 37.6  | 56.4  |

99 100

42 24.0 20.5 30.7

71 52.2 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

600000

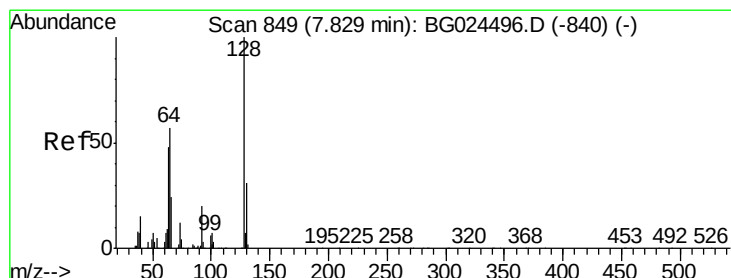
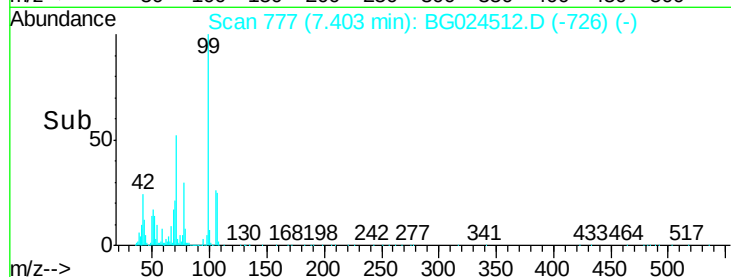
400000

200000

0

7.30 7.40 7.50

Time-->



#8

2-Chlorophenol

Concen: 38.56 ng

RT: 7.83 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

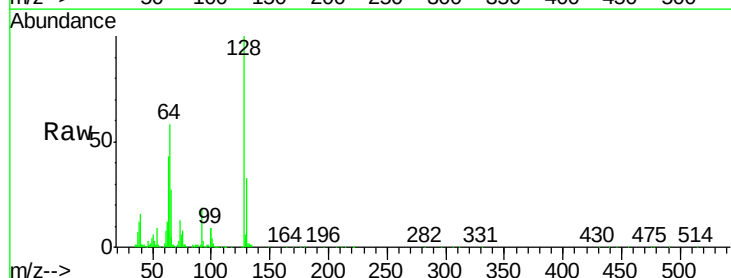
Tgt Ion: 128 Resp: 392458

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.4  | 11.4  | 51.4  |
| 64  | 58.2  | 46.6  | 86.6  |

128 100

130 33.4 11.4 51.4

64 58.2 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

300000

250000

200000

150000

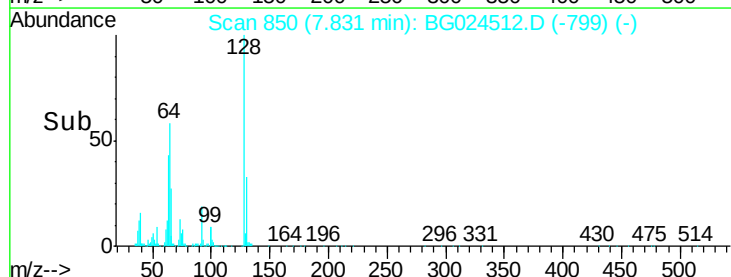
100000

50000

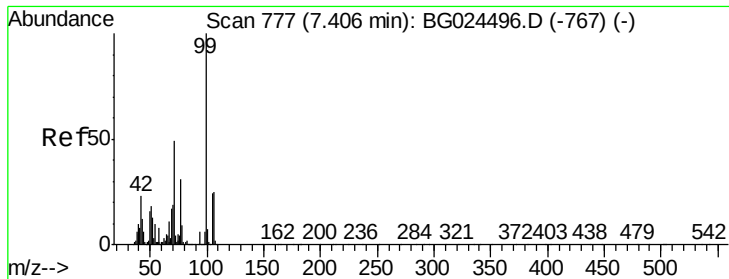
0

7.75 7.80 7.85 7.90

Time-->







#9

Benzaldehyde

Concen: 37.98 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

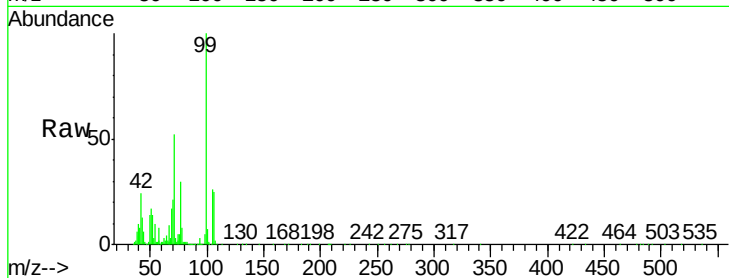
Tot Ion: 77 Resp: 322324

Ion Ratio Lower Upper

77 100

105 88.8 60.9 100.9

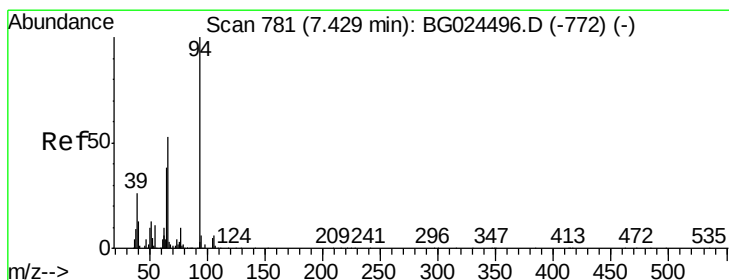
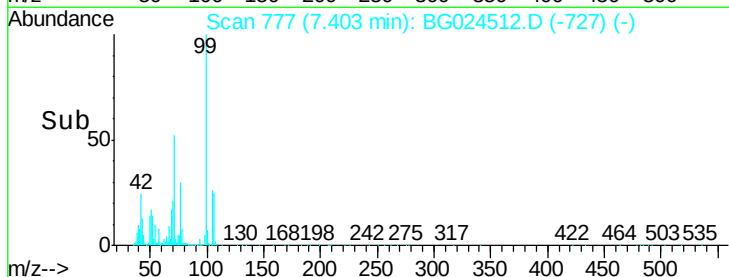
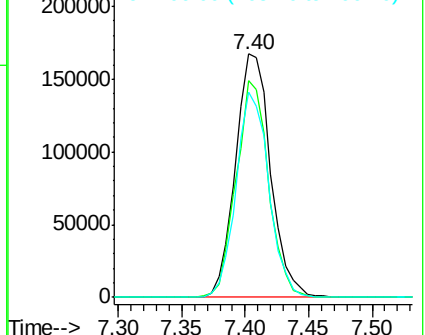
106 84.1 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.96 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

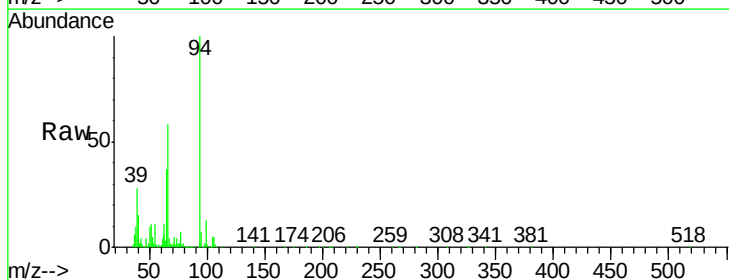
Tgt Ion: 94 Resp: 551549

Ion Ratio Lower Upper

94 100

65 37.1 20.6 60.6

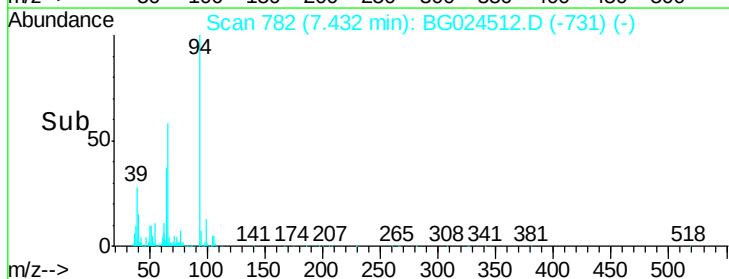
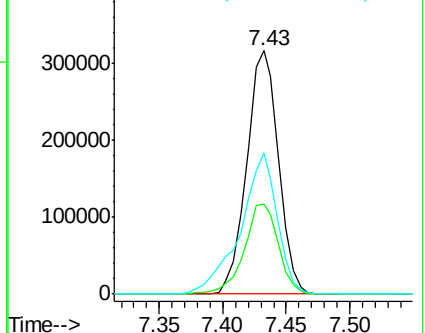
66 57.9 35.5 75.5



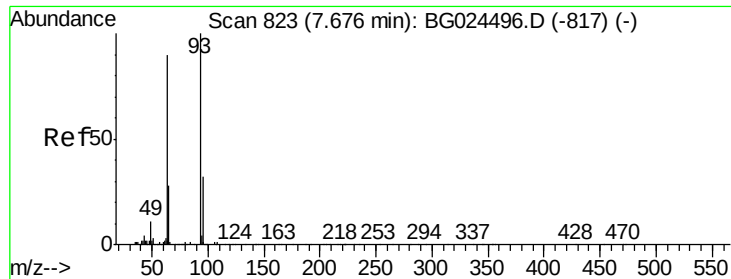
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



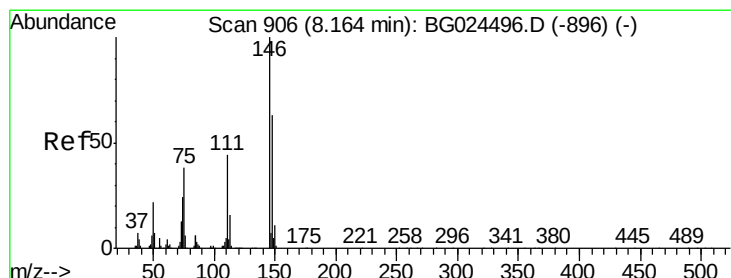
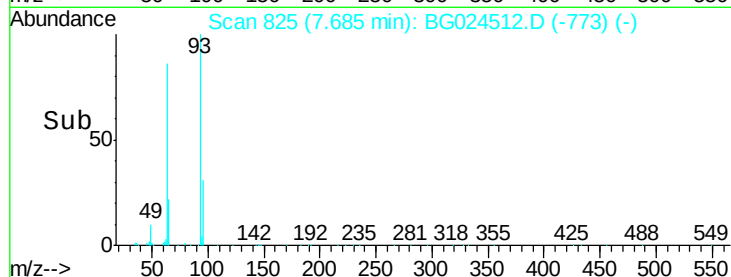
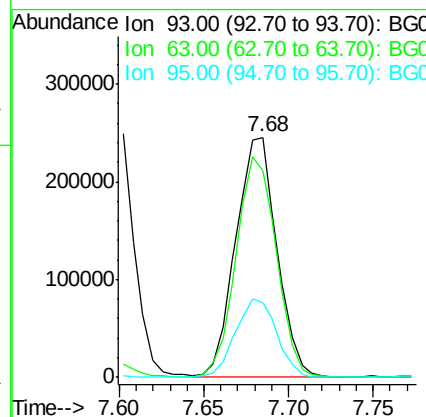
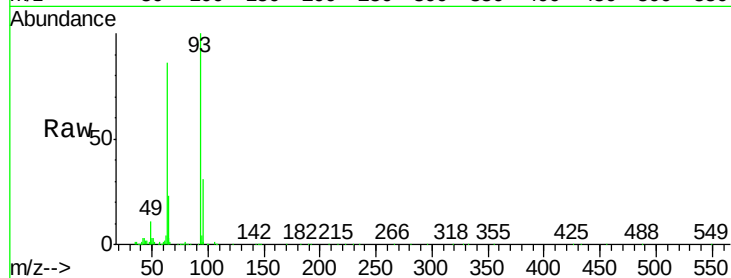




#11  
bis(2-Chloroethyl)ether  
Concen: 38.99 ng  
RT: 7.68 min Scan# 825  
Delta R.T. 0.01 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

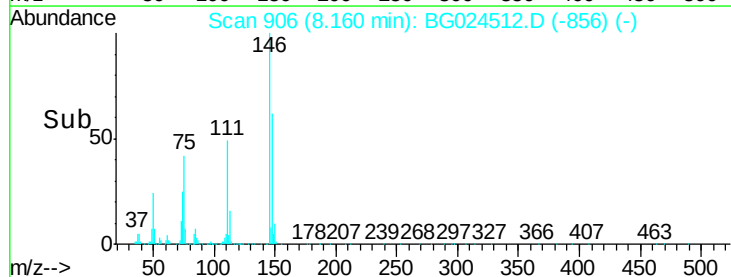
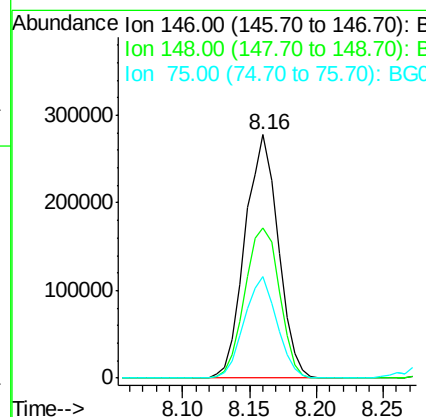
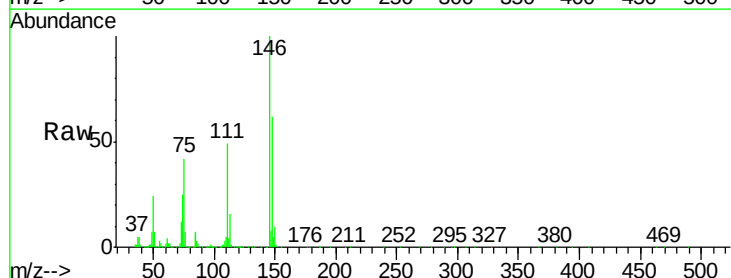
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

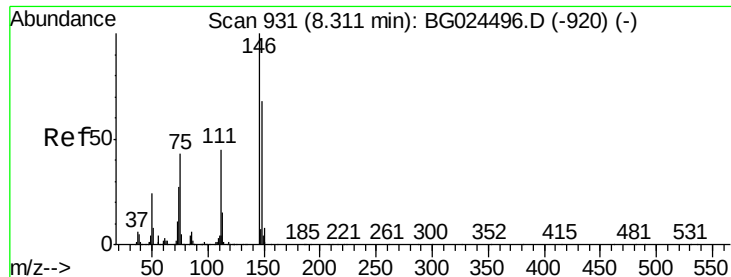
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 86.3  | 78.5  | 118.5 |
| 95      | 31.1  | 9.8   | 49.8  |



#12  
1,3-Dichlorobenzene  
Concen: 37.81 ng  
RT: 8.16 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.6  | 49.2  | 73.8  |
| 75      | 41.5  | 33.4  | 50.2  |

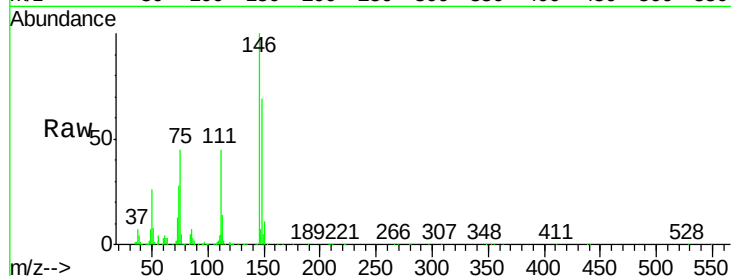




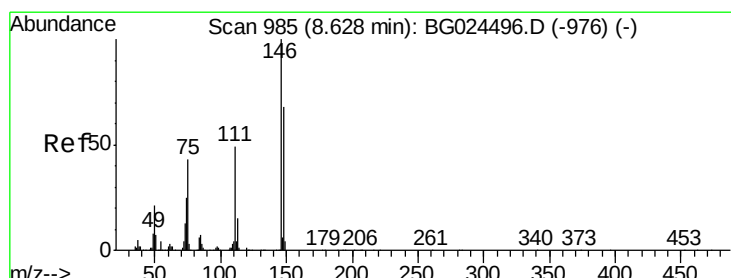
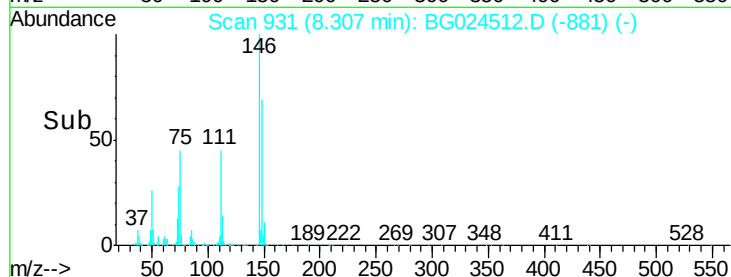
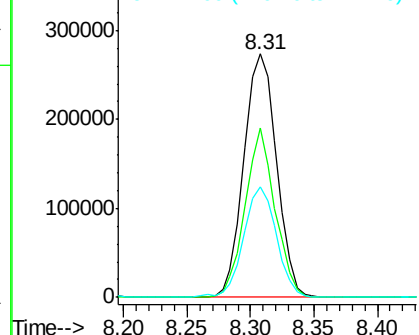
#13  
 1,4-Dichlorobenzene  
 Concen: 39.47 ng  
 RT: 8.31 min Scan# 931  
 Delta R.T. -0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 69.5  | 52.2  | 78.2  |
| 111     | 45.2  | 37.0  | 55.6  |

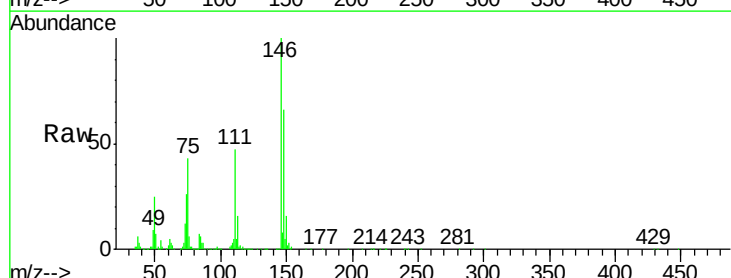


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

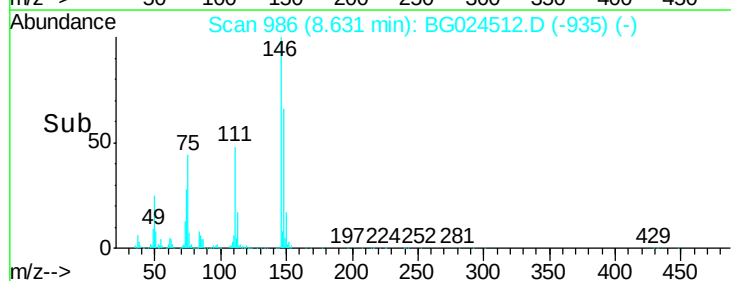
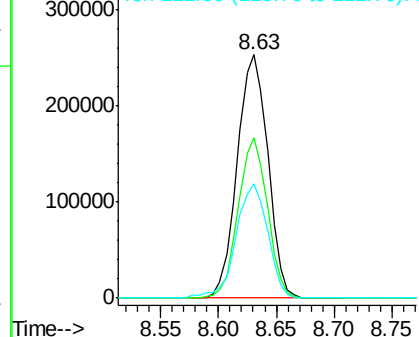


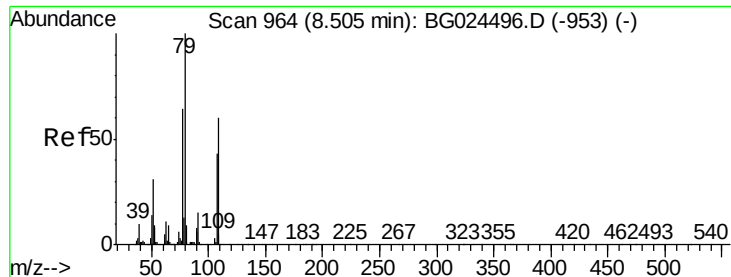
#14  
 1,2-Dichlorobenzene  
 Concen: 38.89 ng  
 RT: 8.63 min Scan# 986  
 Delta R.T. 0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.9  | 54.6  | 81.8  |
| 111     | 47.2  | 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: 39.10 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

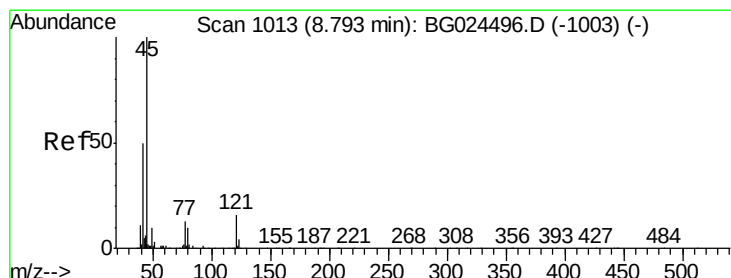
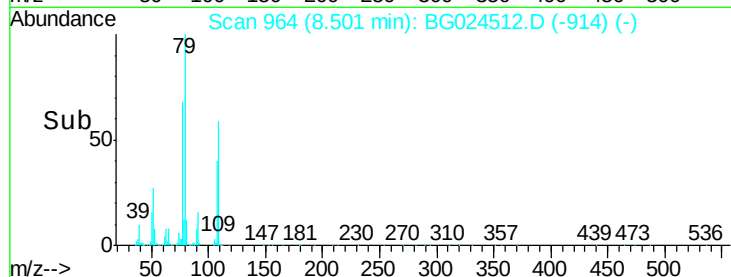
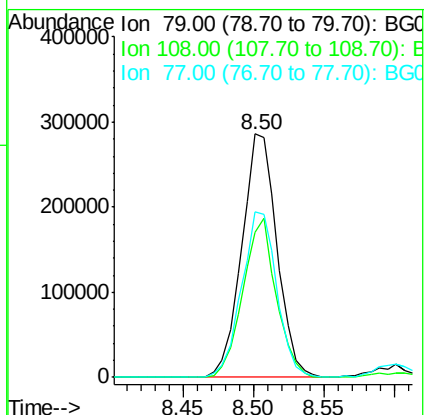
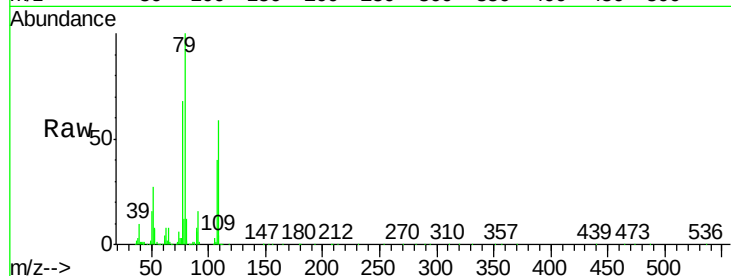
Tot Ion: 79 Resp: 499466

Ion Ratio Lower Upper

79 100

108 59.4 45.5 68.3

77 67.9 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.23 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

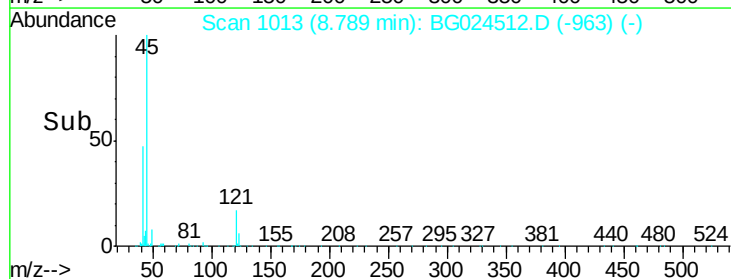
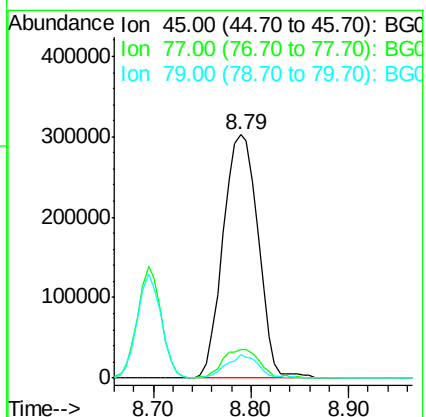
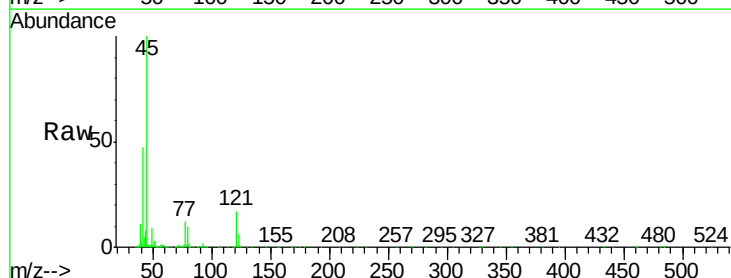
Tgt Ion: 45 Resp: 754416

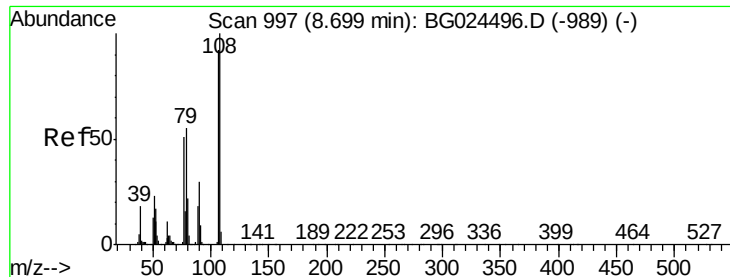
Ion Ratio Lower Upper

45 100

77 11.9 0.0 30.6

79 9.9 0.0 28.5





#17

2-Methylphenol

Concen: 38.10 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 357398

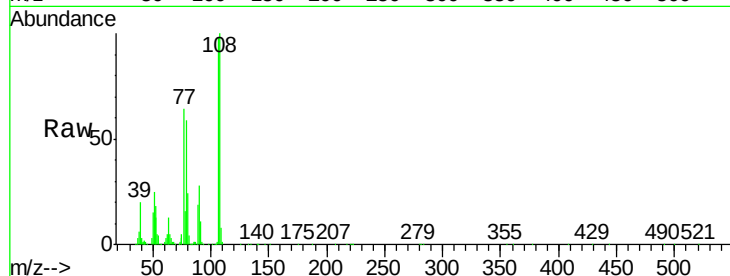
Ion Ratio Lower Upper

107 100

108 102.0 85.6 128.4

77 65.0 51.4 77.2

79 60.3 49.2 73.8

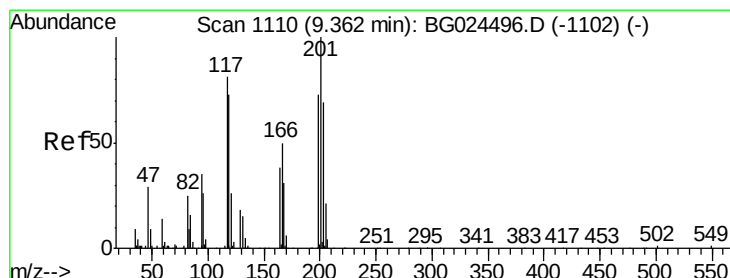
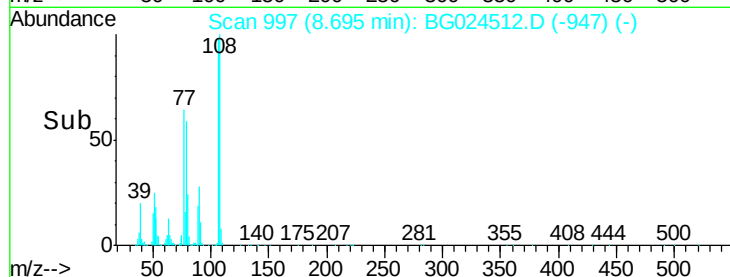
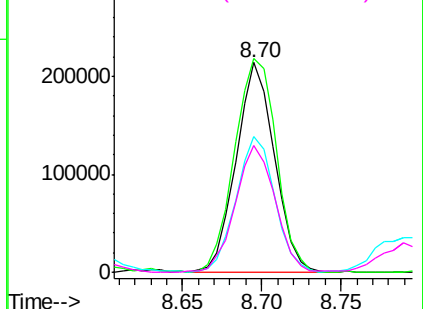


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.12 ng

RT: 9.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

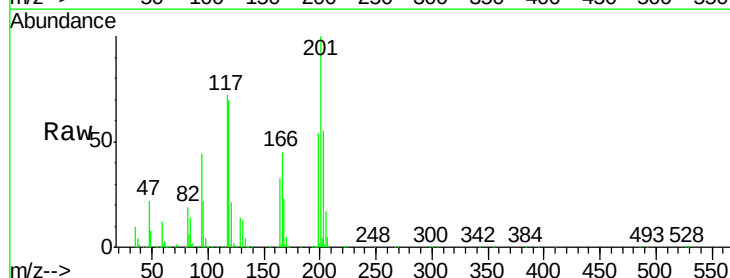
Tgt Ion:117 Resp: 187172

Ion Ratio Lower Upper

117 100

119 97.7 69.8 104.6

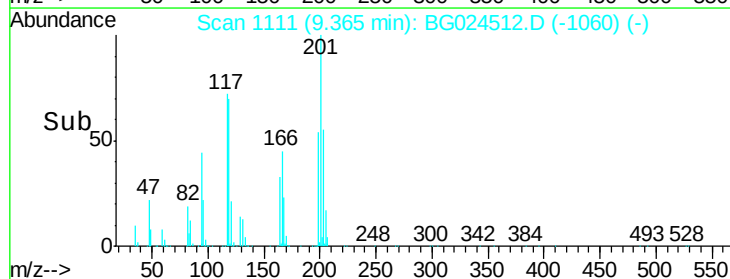
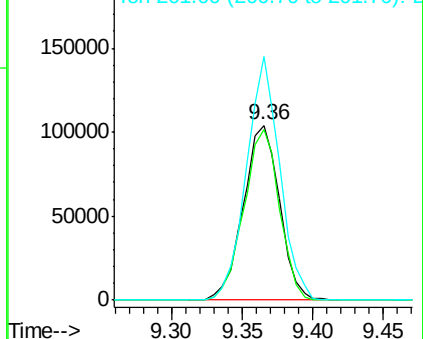
201 139.1 95.4 143.0

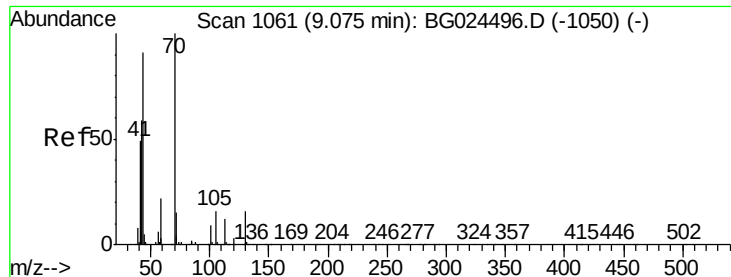


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

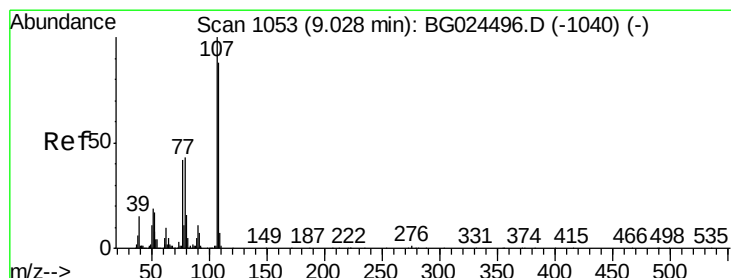
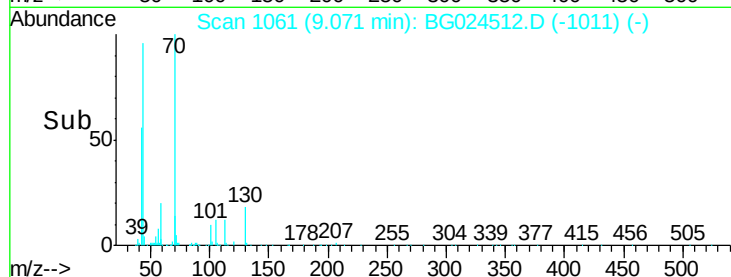
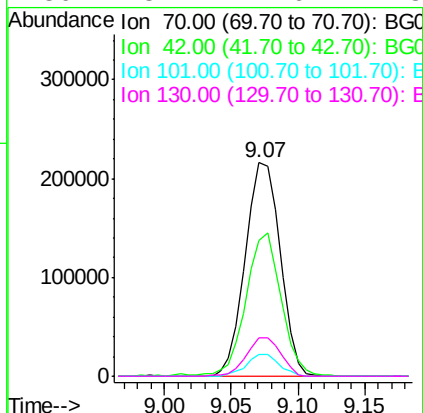
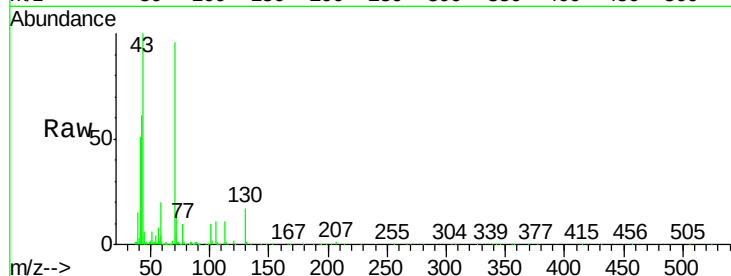




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.73 ng  
RT: 9.07 min Scan# 1061  
Delta R.T. -0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

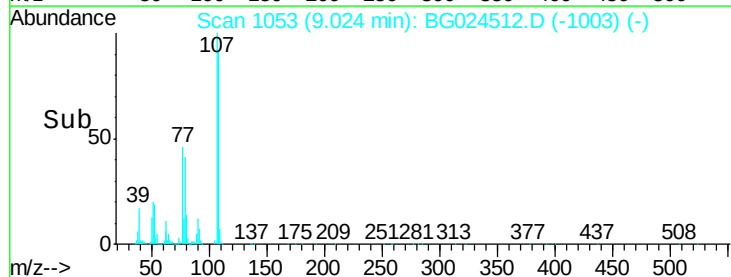
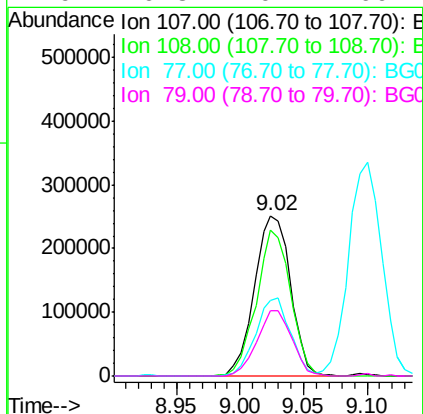
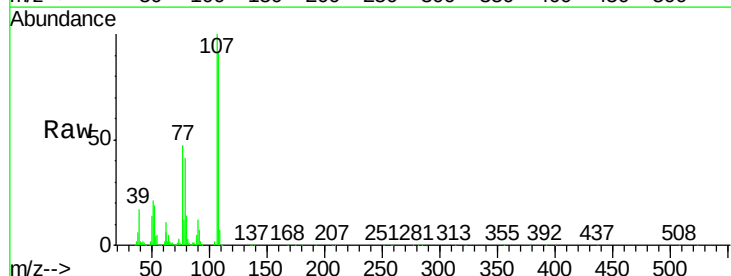
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

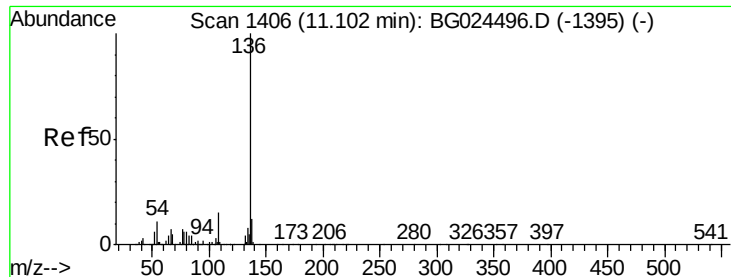
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 392012 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 63.4  | 56.1  | 84.1   |
| 101      | 10.2  | 7.5   | 11.3   |
| 130      | 18.2  | 14.6  | 21.8   |



#20  
3+4-Methylphenols  
Concen: 39.65 ng  
RT: 9.02 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 499376 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.0  | 70.8  | 110.8  |
| 77       | 46.7  | 25.8  | 65.8   |
| 79       | 40.8  | 20.1  | 60.1   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 612412

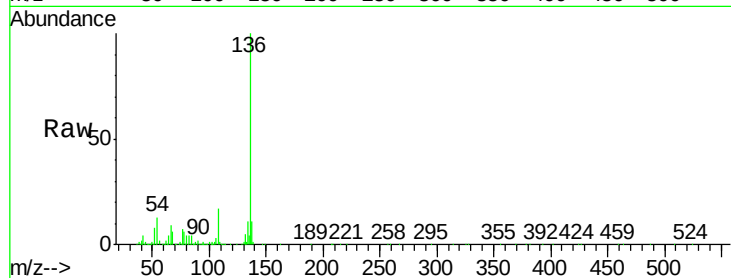
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 13.1 9.3 13.9

68 6.2 5.1 7.7

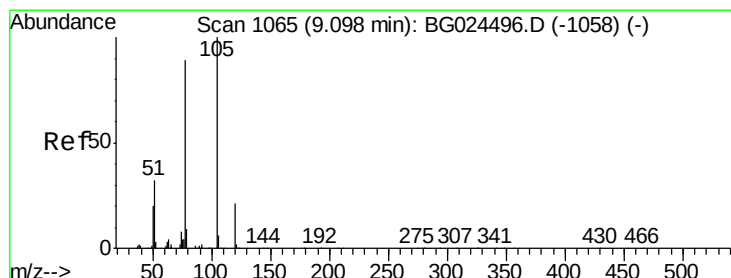
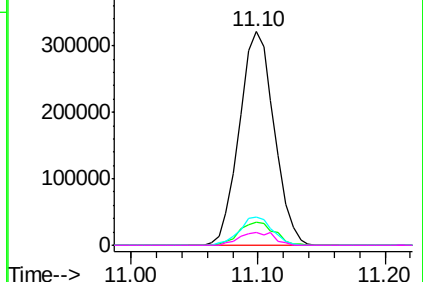
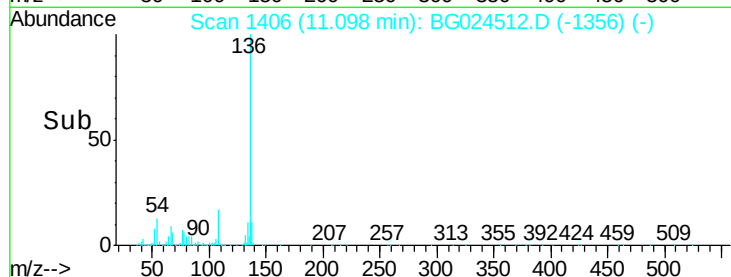


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.50 ng

RT: 9.10 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Tgt Ion:105 Resp: 637053

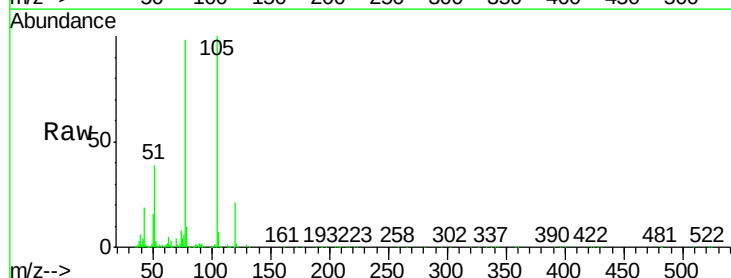
Ion Ratio Lower Upper

105 100

71 0.8 0.9 1.3#

51 39.3 34.0 51.0

120 21.2 17.3 25.9

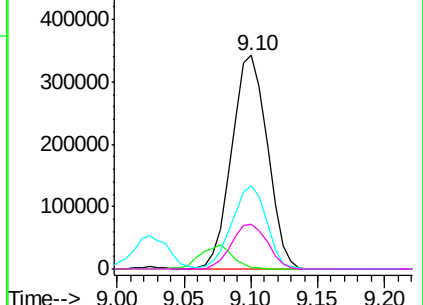
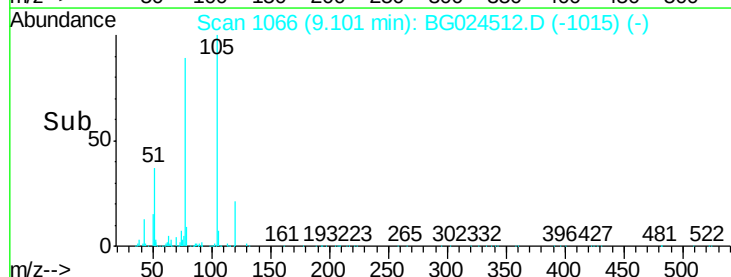


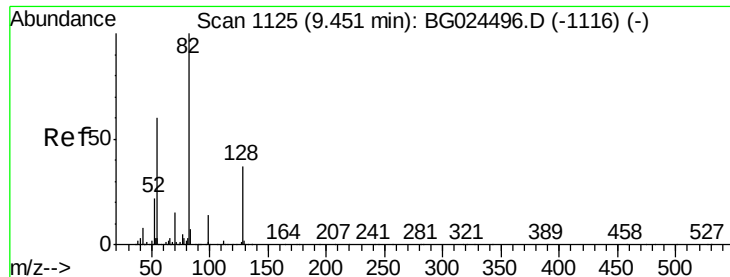
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



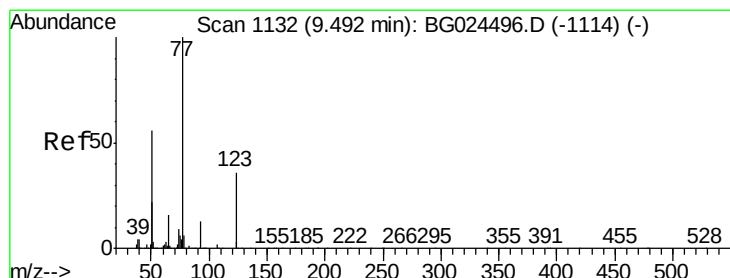
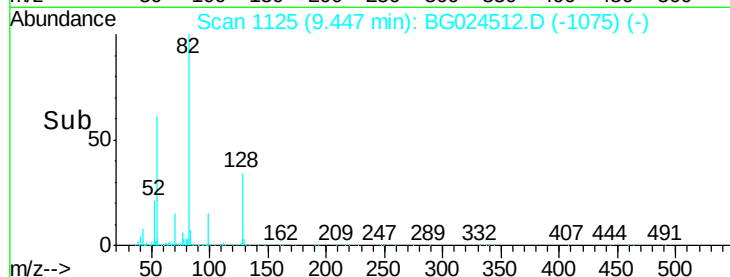
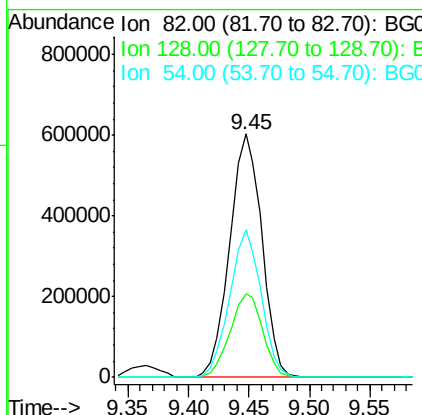
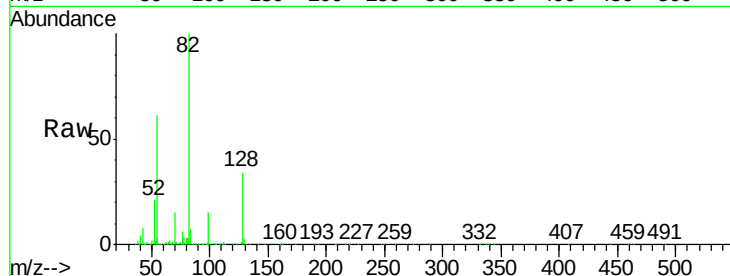


#23  
 Nitrobenzene-d5  
 Concen: 83.02 ng  
 RT: 9.45 min Scan# 1125  
 Delta R.T. -0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion: 82 Resp: 1116732  

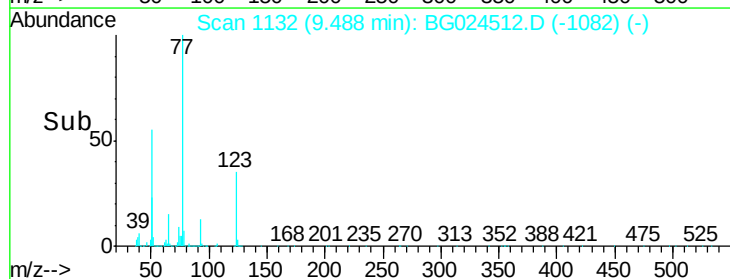
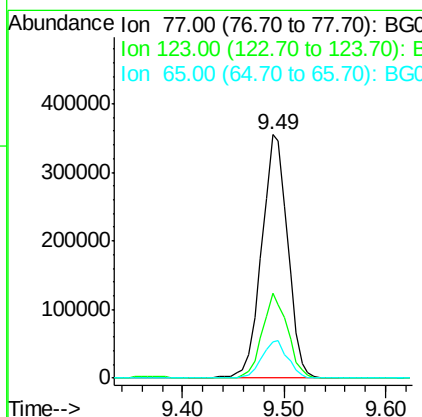
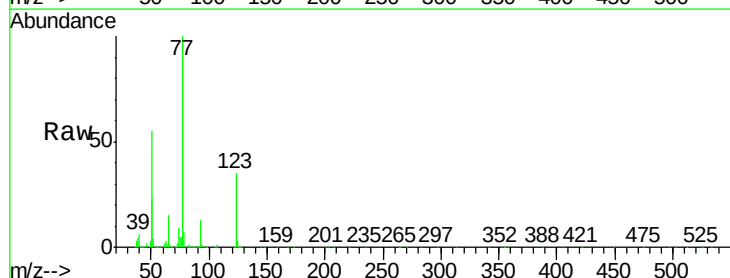
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 34.4  | 26.4  | 39.6  |
| 54  | 60.5  | 49.4  | 74.2  |



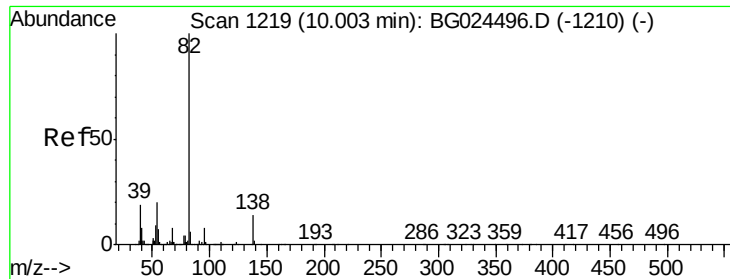
#24  
 Nitrobenzene  
 Concen: 42.21 ng  
 RT: 9.49 min Scan# 1132  
 Delta R.T. -0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

Tgt Ion: 77 Resp: 631586  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 35.1  | 26.1  | 39.1  |
| 65  | 15.1  | 12.4  | 18.6  |



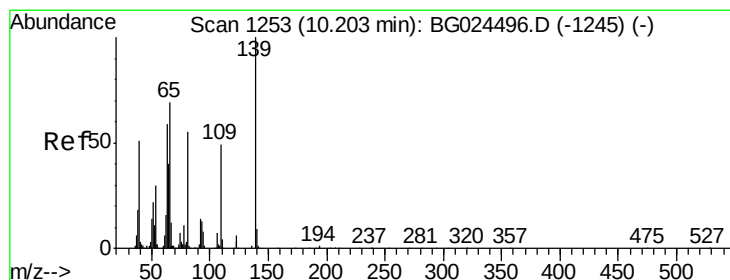
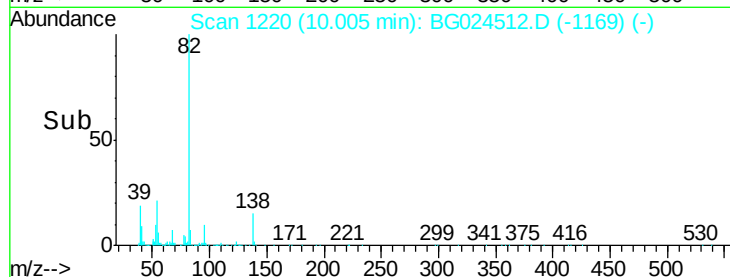
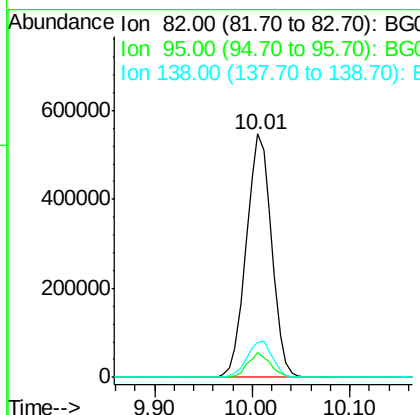
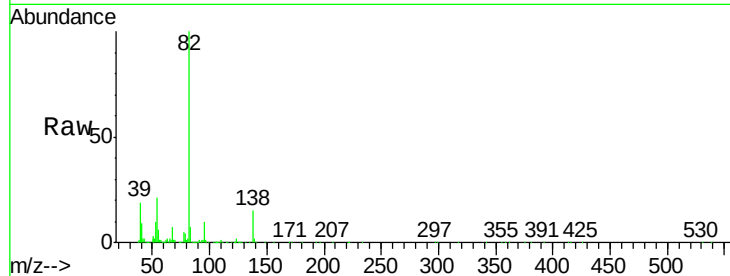




#25  
Isophorone  
Concen: 39.70 ng  
RT: 10.01 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

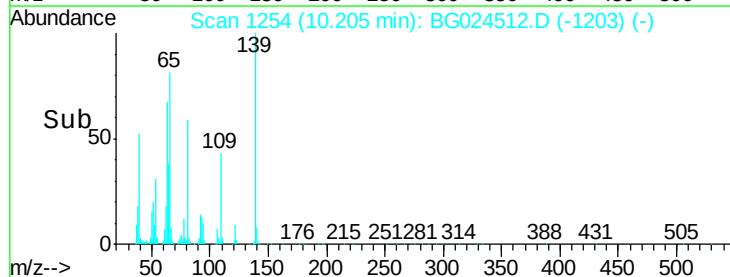
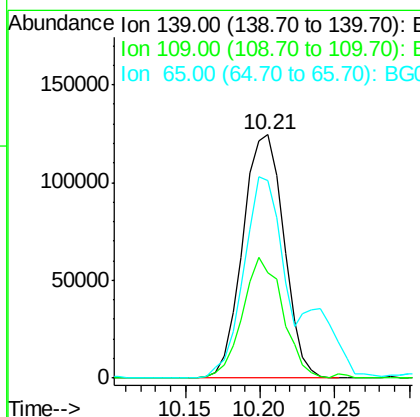
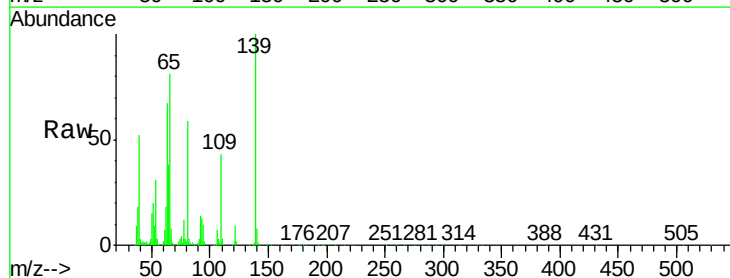
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

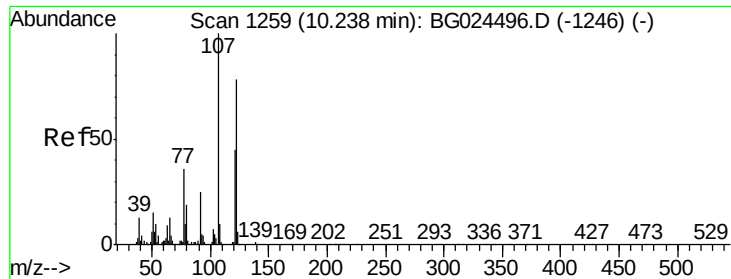
| Tot Ion   | 82    | Resp  | 993225 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 9.9   | 7.5   | 11.3   |
| 138       | 14.6  | 12.3  | 18.5   |



#26  
2-Nitrophenol  
Concen: 42.71 ng  
RT: 10.21 min Scan# 1254  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

| Tgt Ion   | 139   | Resp  | 237233 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 43.2  | 38.6  | 58.0   |
| 65        | 81.3  | 57.1  | 85.7   |

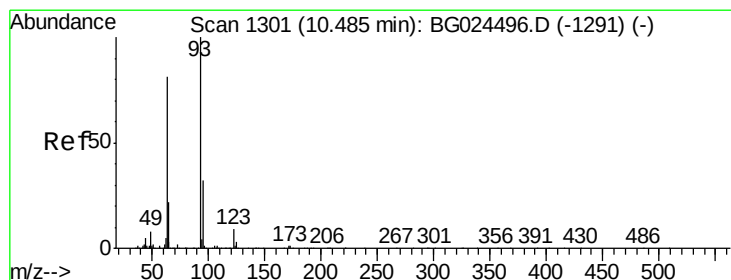
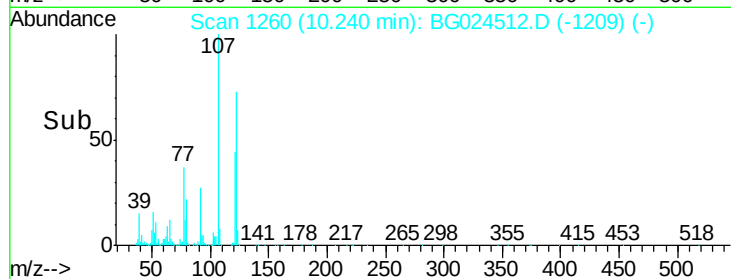
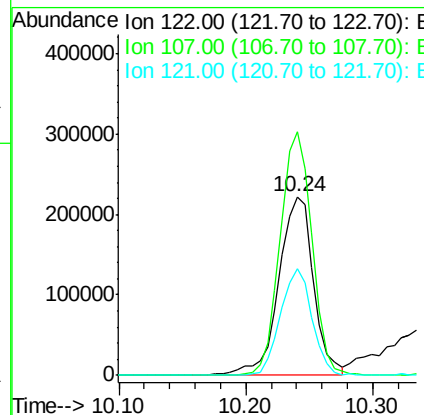
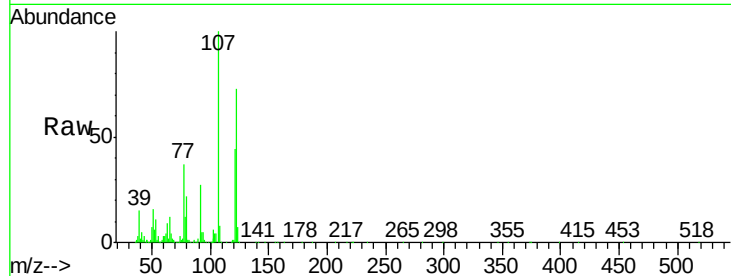




#27  
 2,4-Dimethylphenol  
 Concen: 43.60 ng  
 RT: 10.24 min Scan# 1260  
 Delta R.T. 0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

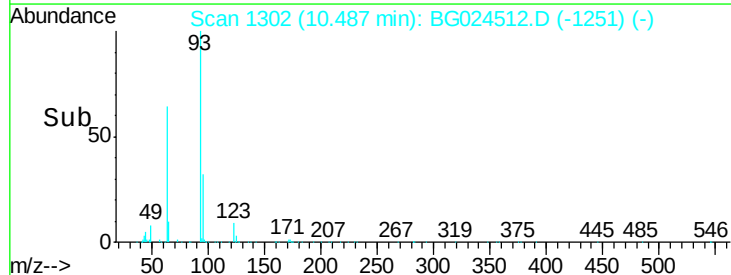
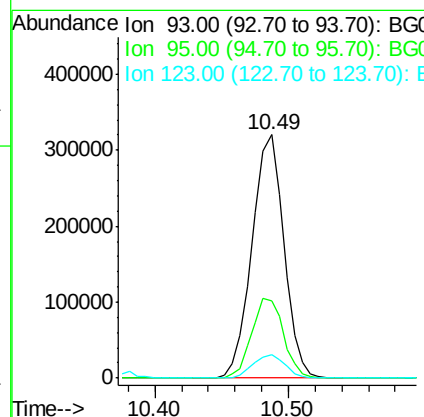
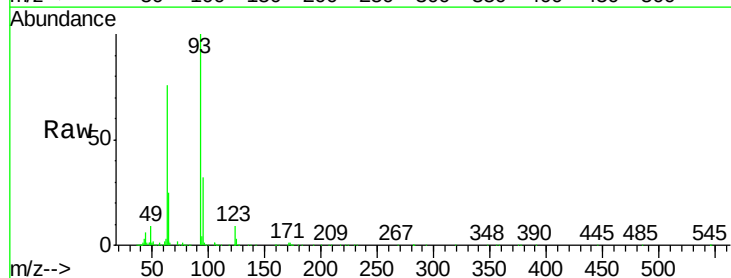
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

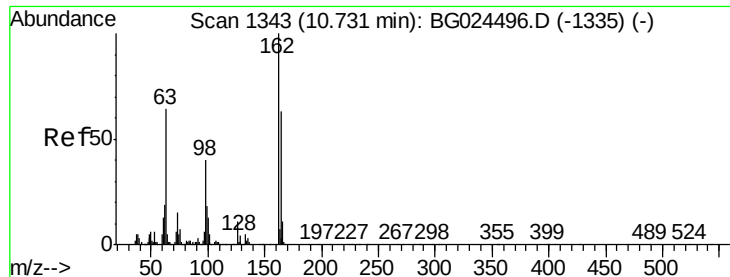
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 136.2 | 104.2 | 156.4 |
| 121     | 59.8  | 46.0  | 69.0  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.76 ng  
 RT: 10.49 min Scan# 1302  
 Delta R.T. 0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.9  | 25.7  | 38.5  |
| 123     | 9.5   | 8.3   | 12.5  |





#29

2,4-Dichlorophenol

Concen: 41.32 ng

RT: 10.73 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

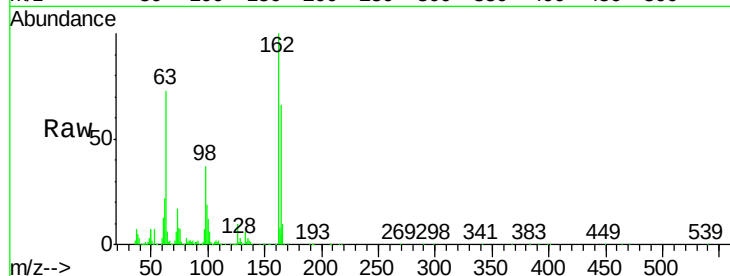
Tot Ion:162 Resp: 421661

Ion Ratio Lower Upper

162 100

164 65.9 42.4 82.4

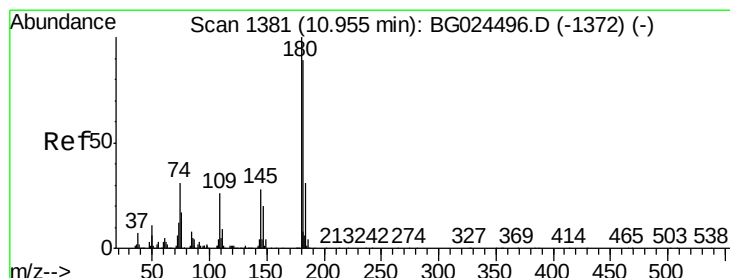
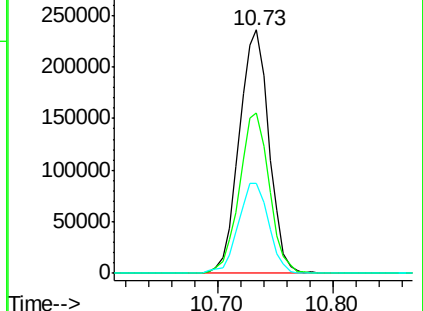
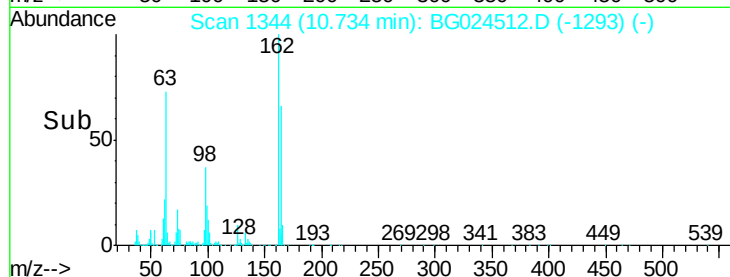
98 37.1 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.25 ng

RT: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

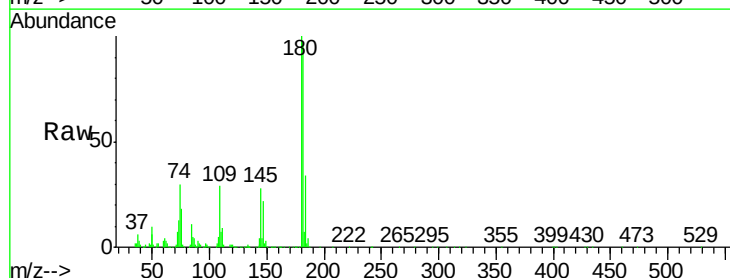
Tgt Ion:180 Resp: 499425

Ion Ratio Lower Upper

180 100

182 96.8 77.0 115.4

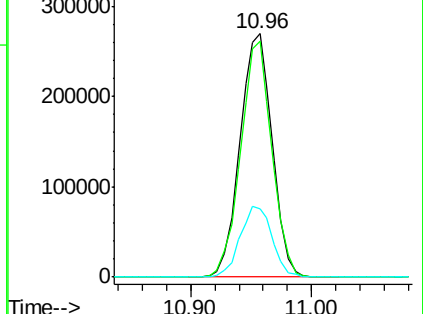
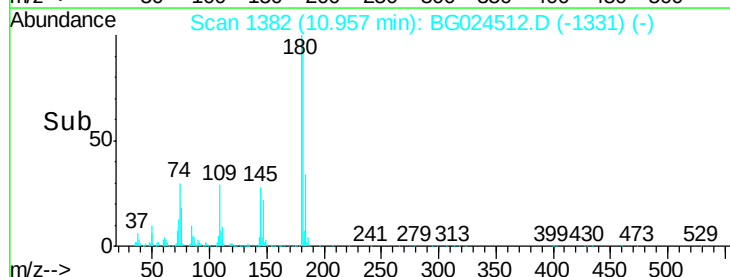
145 28.2 23.4 35.0

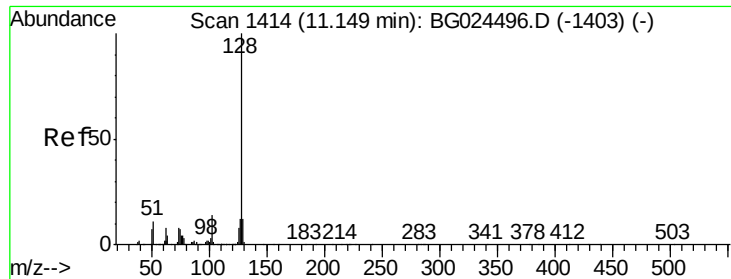


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

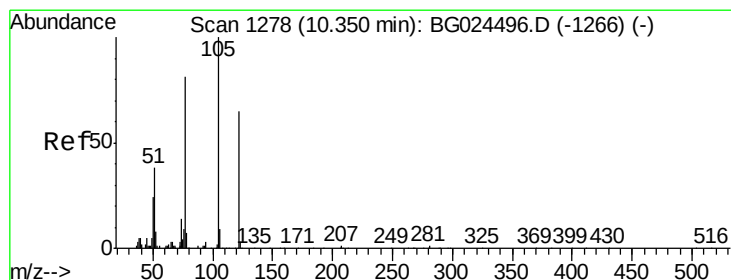
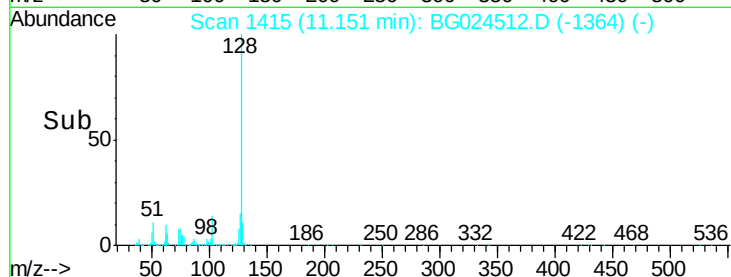
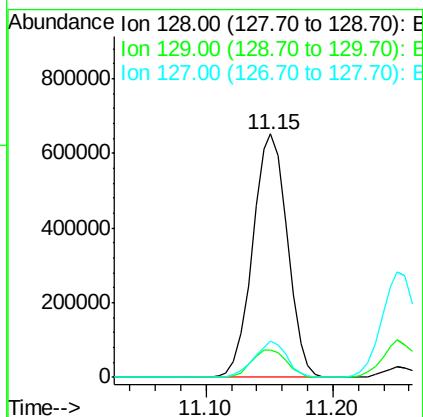
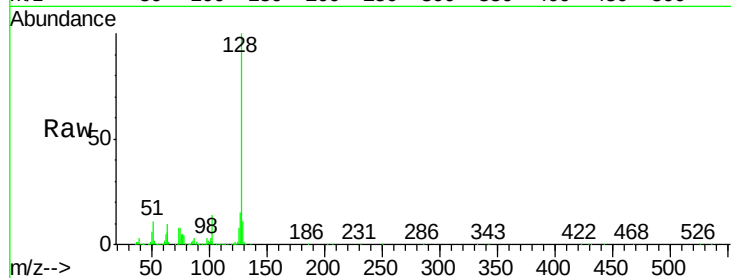




#31  
Naphthalene  
Concen: 40.43 ng  
RT: 11.15 min Scan# 1415  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

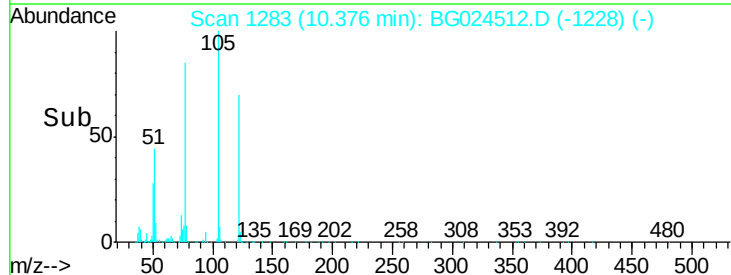
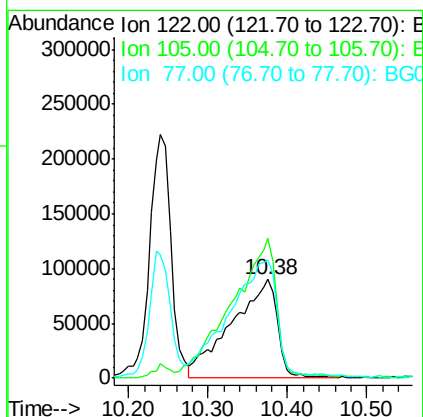
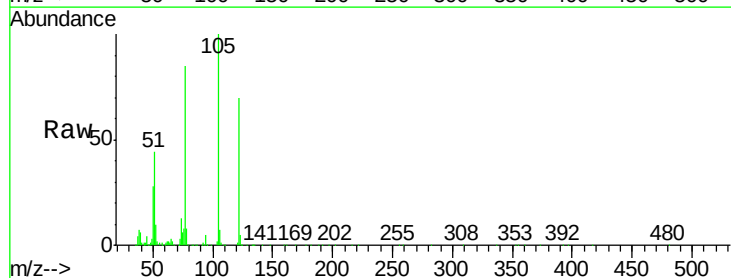
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

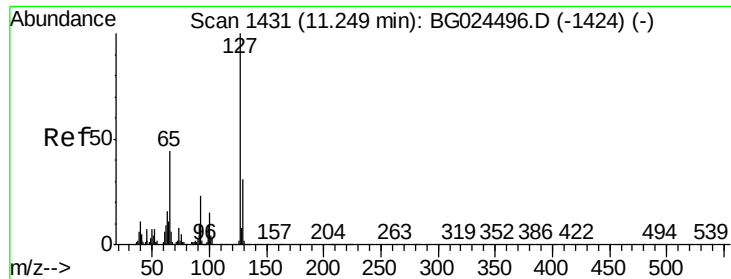
Tot Ion:128 Resp: 1235166  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.3 13.9  
127 14.9 11.4 17.0



#32  
Benzoic acid  
Concen: 43.97 ng  
RT: 10.38 min Scan# 1283  
Delta R.T. 0.03 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

Tgt Ion:122 Resp: 356026  
Ion Ratio Lower Upper  
122 100  
105 142.2 120.1 160.1  
77 120.3 104.6 144.6

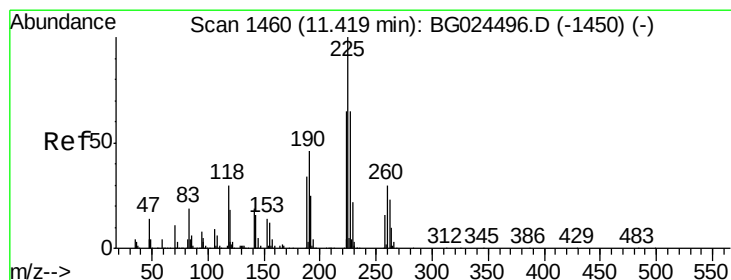
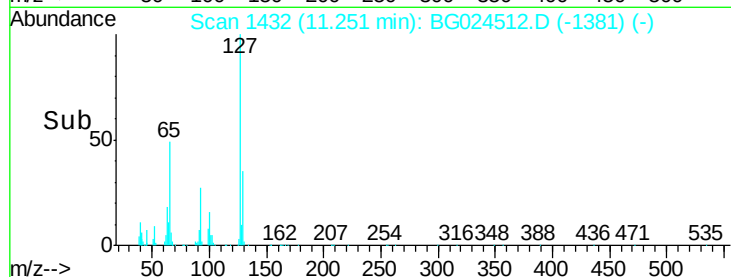
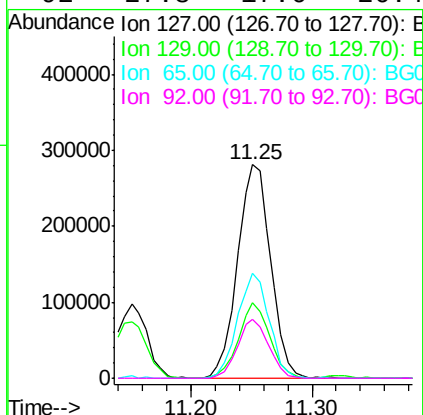
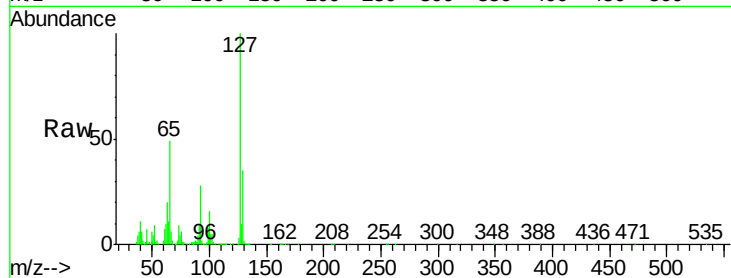




#33  
4-Chloroaniline  
Concen: 40.44 ng  
RT: 11.25 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

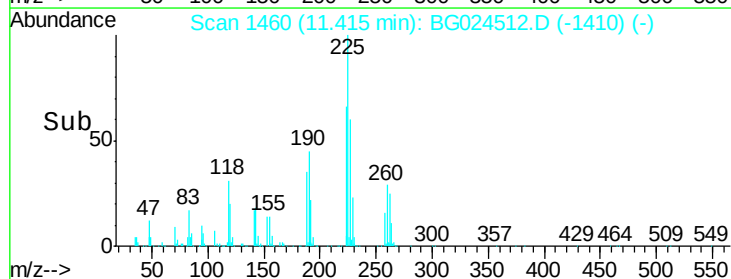
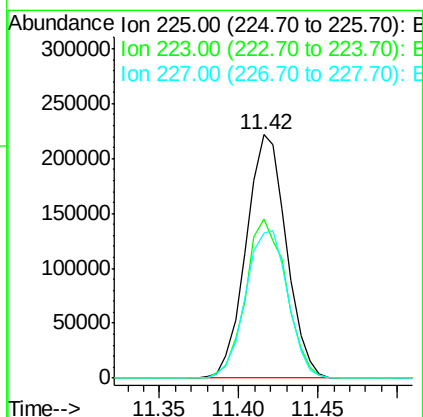
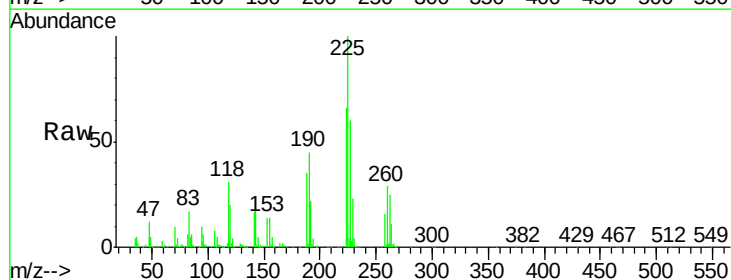
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

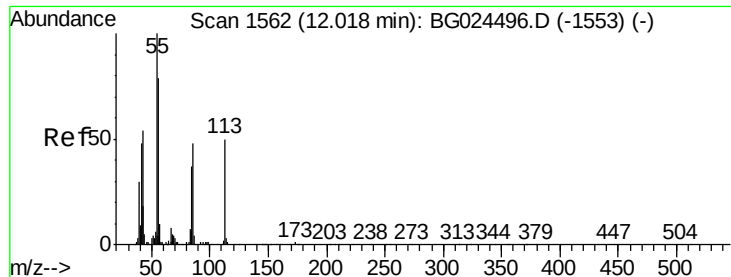
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 536357 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 35.4  | 23.6  | 35.4   |
| 65       | 49.4  | 37.7  | 56.5   |
| 92       | 27.8  | 17.6  | 26.4   |



#34  
Hexachlorobutadiene  
Concen: 41.23 ng  
RT: 11.42 min Scan# 1460  
Delta R.T. -0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 390641 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.6  | 50.7  | 76.1   |
| 227      | 59.5  | 49.0  | 73.6   |





#35

Caprolactam

Concen: 37.50 ng

RT: 12.03 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

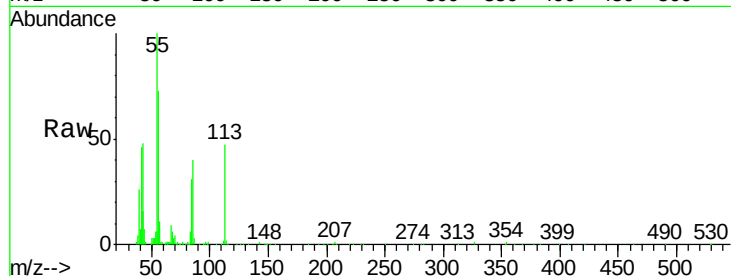
Tot Ion:113 Resp: 140095

Ion Ratio Lower Upper

113 100

55 211.6 198.6 238.6

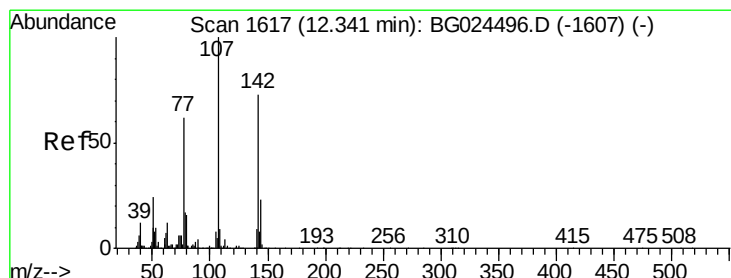
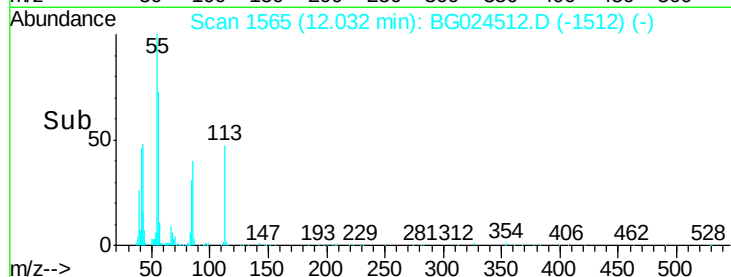
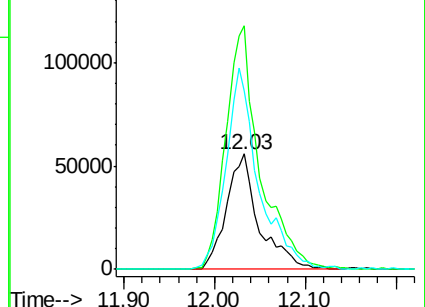
56 154.7 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG024496.D (-1553) (-)

Ion 56.00 (55.70 to 56.70): BG024496.D (-1553) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.87 ng

RT: 12.34 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

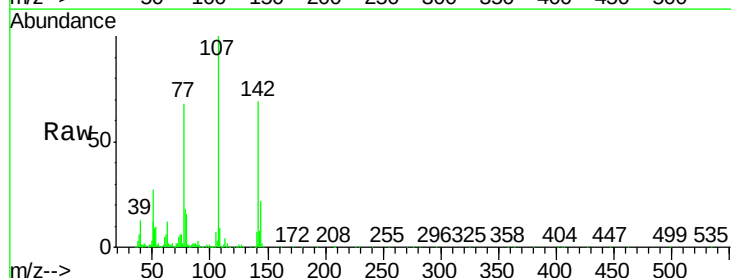
Tgt Ion:107 Resp: 515856

Ion Ratio Lower Upper

107 100

144 22.0 17.4 26.0

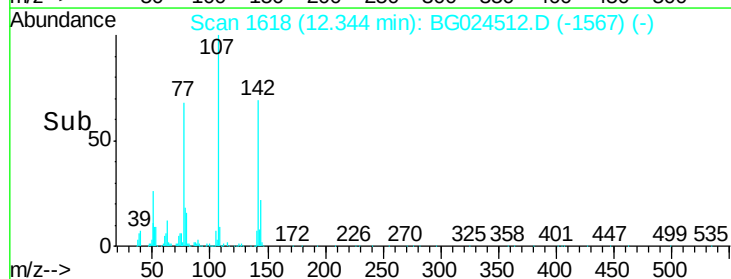
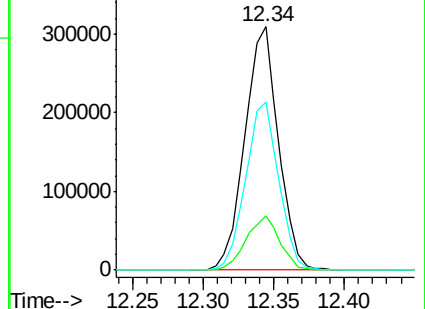
142 69.1 54.1 81.1

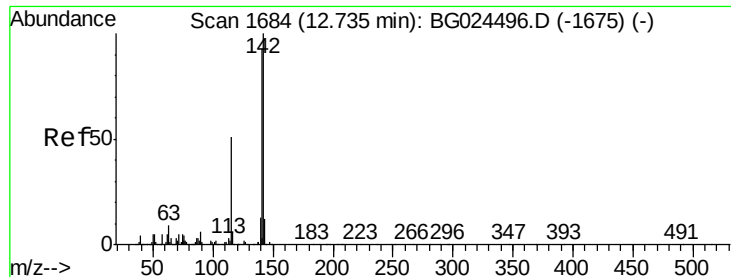


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.30 ng

RT: 12.73 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

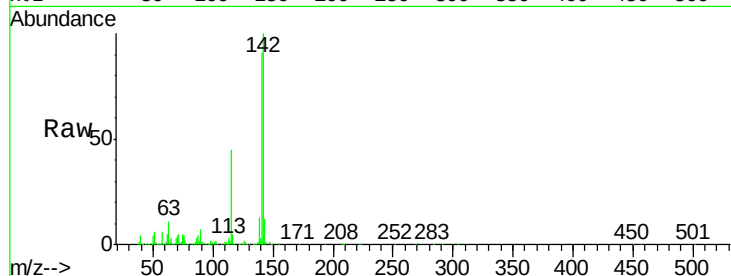
Tot Ion:142 Resp: 920541

Ion Ratio Lower Upper

142 100

141 90.8 70.4 105.6

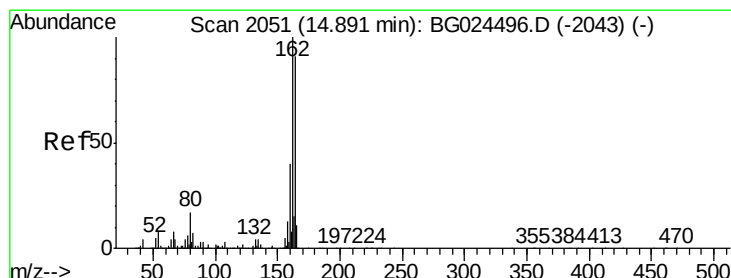
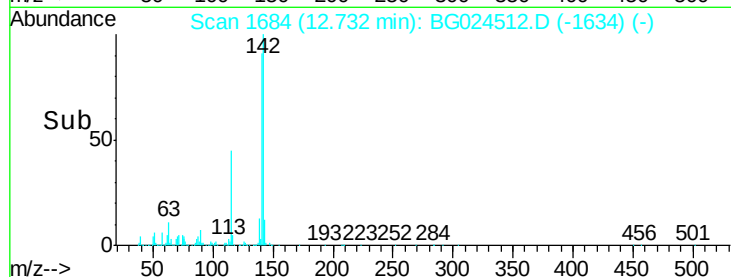
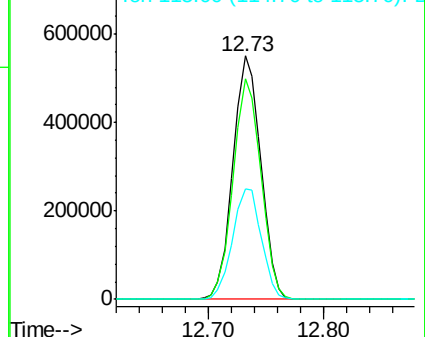
115 45.2 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

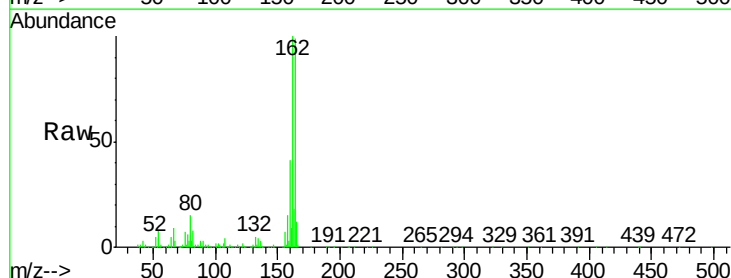
Tgt Ion:164 Resp: 470360

Ion Ratio Lower Upper

164 100

162 101.3 85.1 127.7

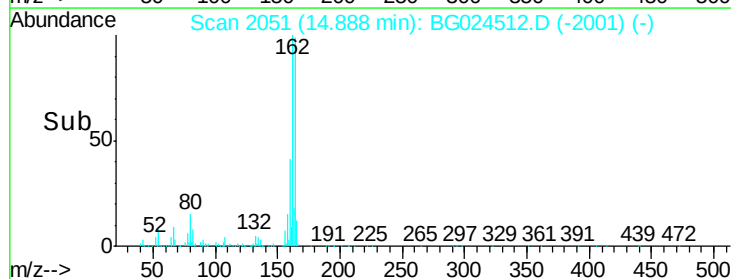
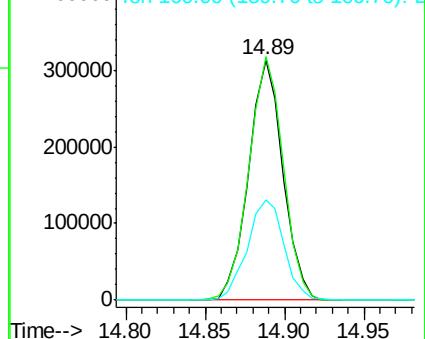
160 41.9 34.7 52.1

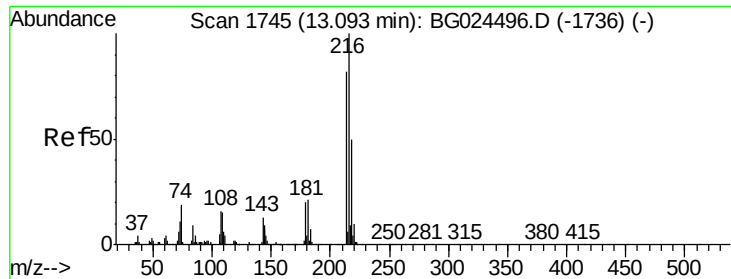


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.00 ng

RT: 13.09 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 650393

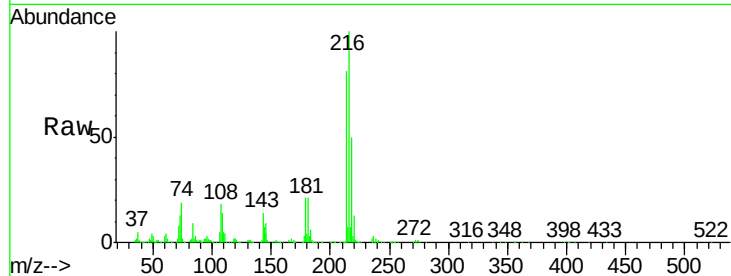
Ion Ratio Lower Upper

216 100

214 78.3 64.4 96.6

179 20.1 17.4 26.0

108 17.5 15.6 23.4

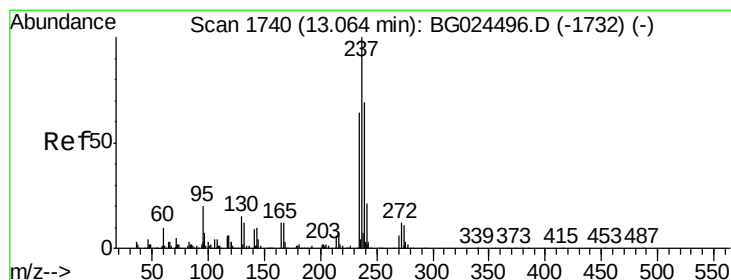
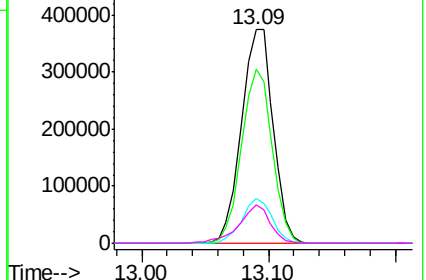
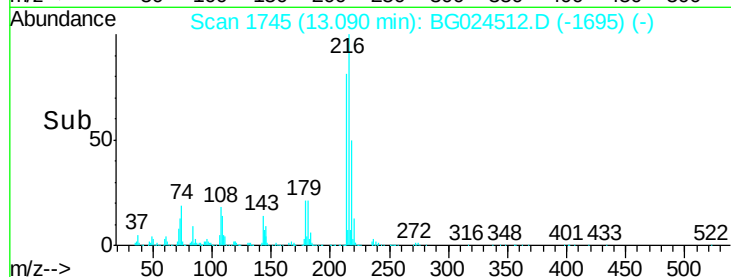


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.87 ng

RT: 13.07 min Scan# 1741

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

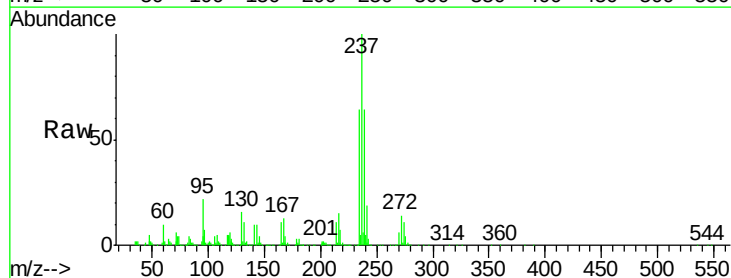
Tgt Ion:237 Resp: 391898

Ion Ratio Lower Upper

237 100

235 64.4 39.4 79.4

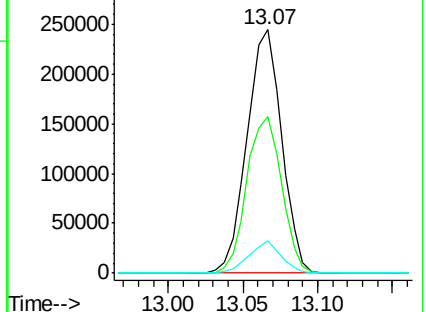
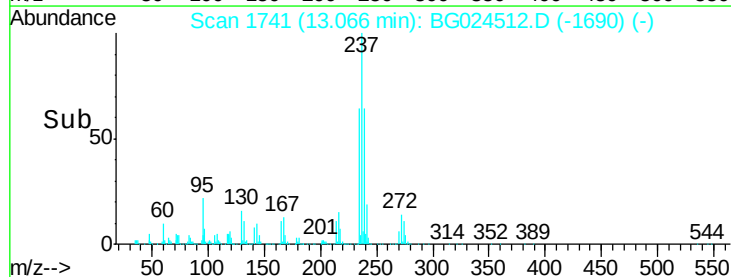
272 13.5 0.0 32.0



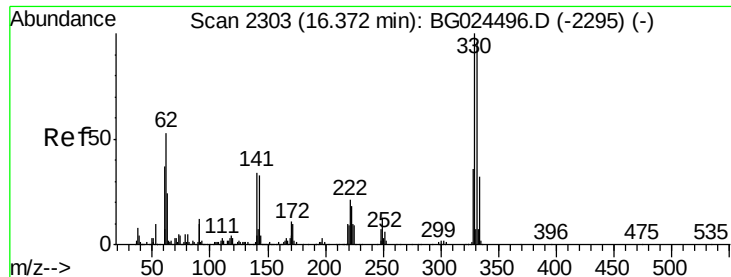
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



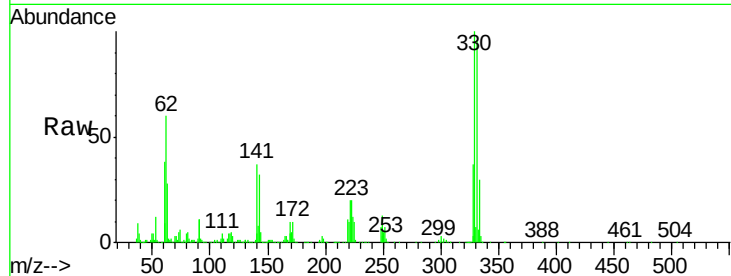




#41  
2,4,6-Tribromophenol  
Concen: 83.47 ng  
RT: 16.37 min Scan# 2303  
Delta R.T. -0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.4  | 77.3  | 115.9 |
| 141     | 36.4  | 32.1  | 48.1  |

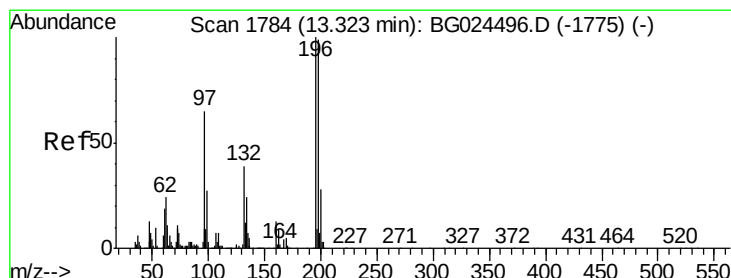
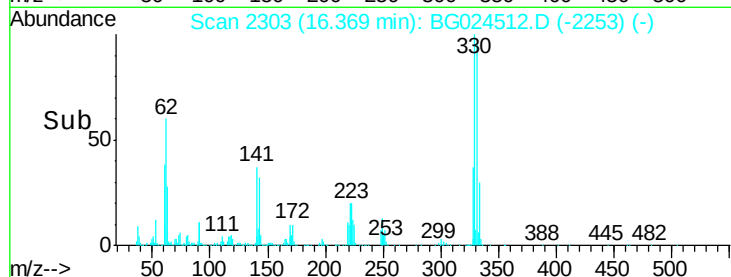
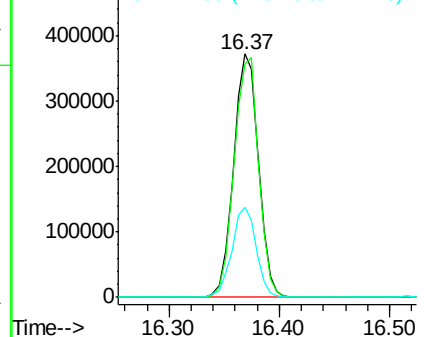


Abundance

Ion 329.80 (329.50 to 330.50): E

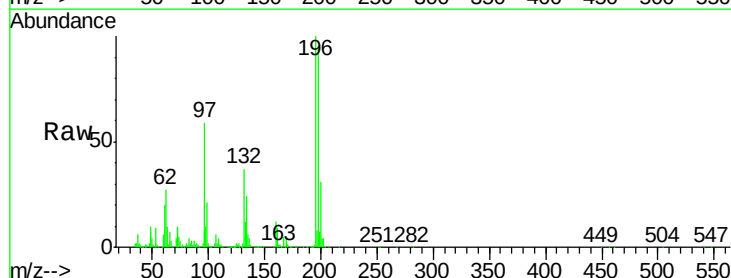
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
2,4,6-Trichlorophenol  
Concen: 42.68 ng  
RT: 13.32 min Scan# 1784  
Delta R.T. -0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.5  | 81.4  | 122.2 |
| 200     | 31.0  | 27.0  | 40.6  |

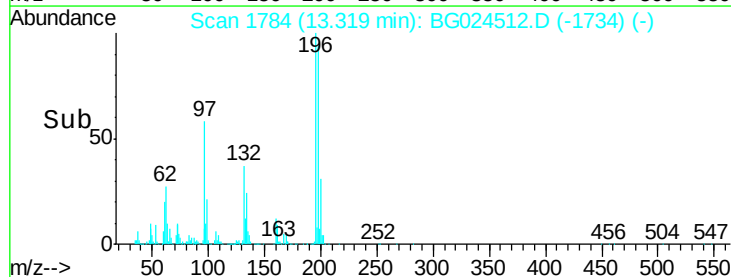
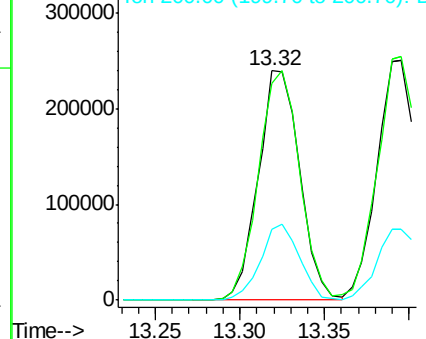


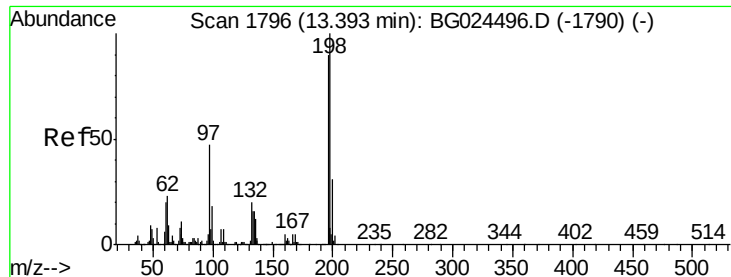
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

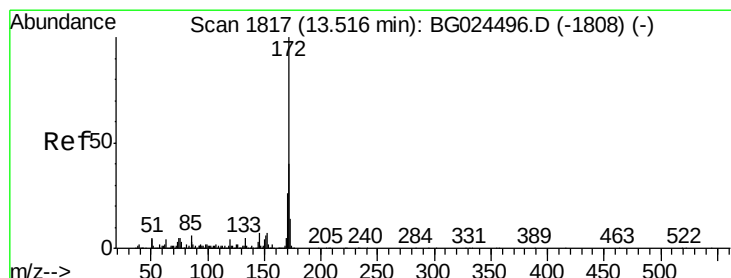
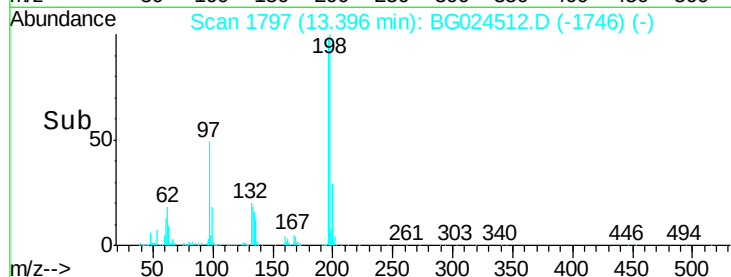
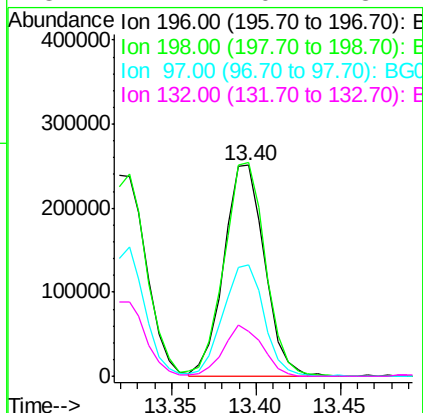
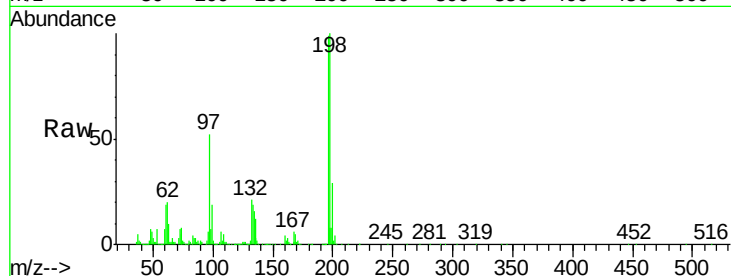




#43  
2,4,5-Trichlorophenol  
Concen: 40.69 ng  
RT: 13.40 min Scan# 1797  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

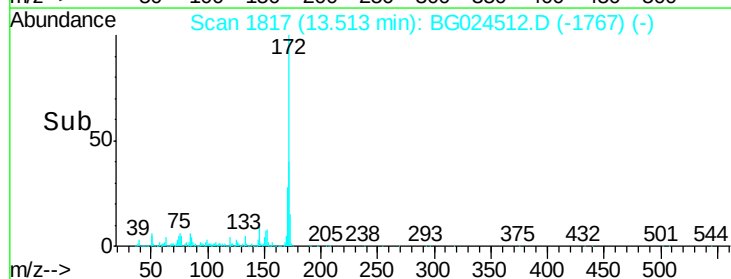
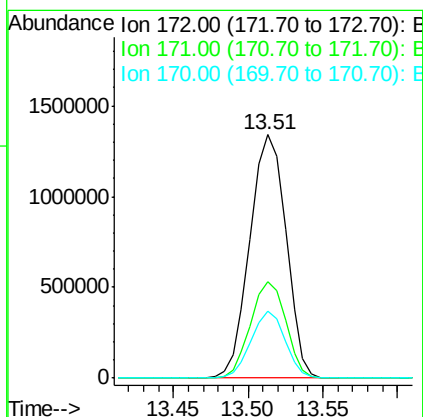
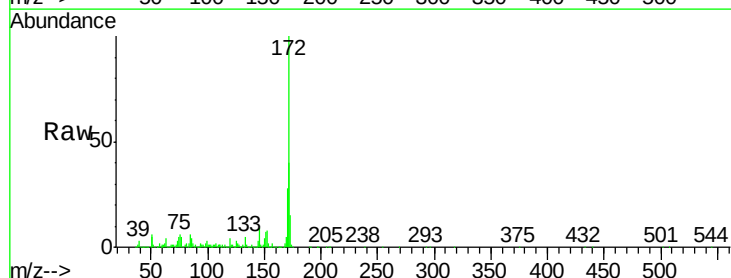
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

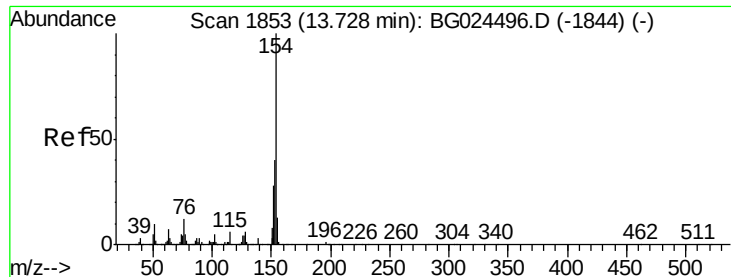
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 101.4 | 79.9  | 119.9 |
| 97      | 52.8  | 45.4  | 68.0  |
| 132     | 21.1  | 20.7  | 31.1  |



#44  
2-Fluorobiphenyl  
Concen: 79.61 ng  
RT: 13.51 min Scan# 1817  
Delta R.T. -0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.8  | 32.2  | 48.2  |
| 170     | 27.8  | 21.8  | 32.6  |





#45

1,1'-Biphenyl

Concen: 39.94 ng

RT: 13.72 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

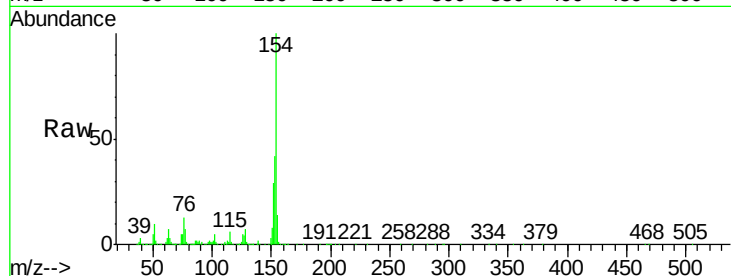
Tot Ion:154 Resp: 1303687

Ion Ratio Lower Upper

154 100

153 41.5 23.0 63.0

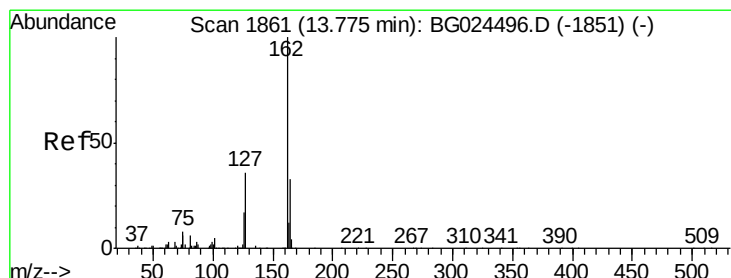
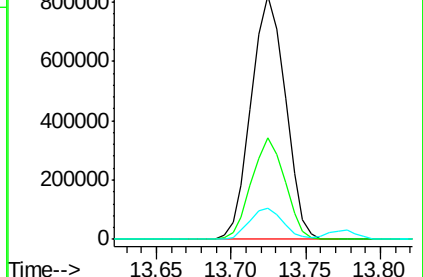
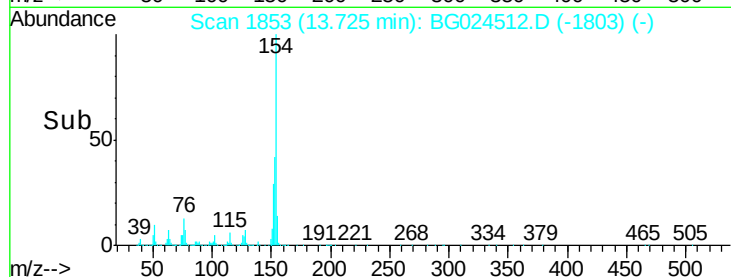
76 13.0 0.0 33.5



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): BGC



#46

2-Chloronaphthalene

Concen: 40.30 ng

RT: 13.78 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

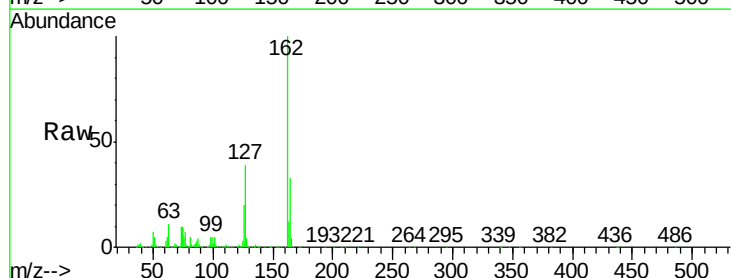
Tgt Ion:162 Resp: 1001638

Ion Ratio Lower Upper

162 100

127 38.8 32.2 48.4

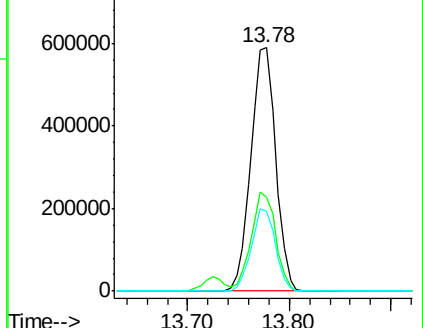
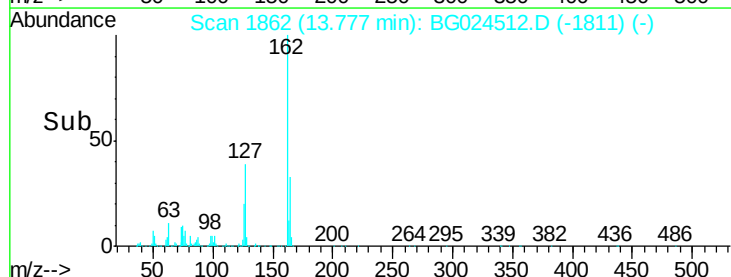
164 32.8 27.3 40.9

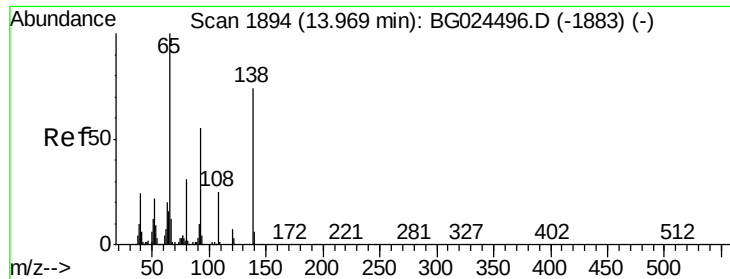


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

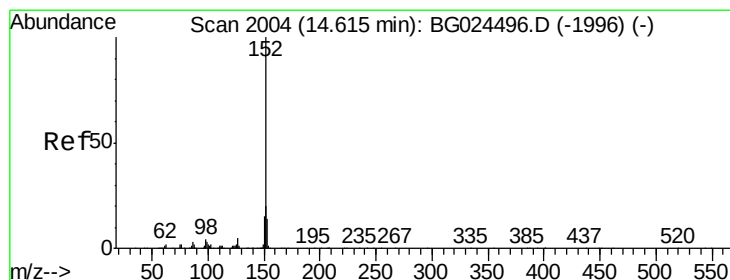
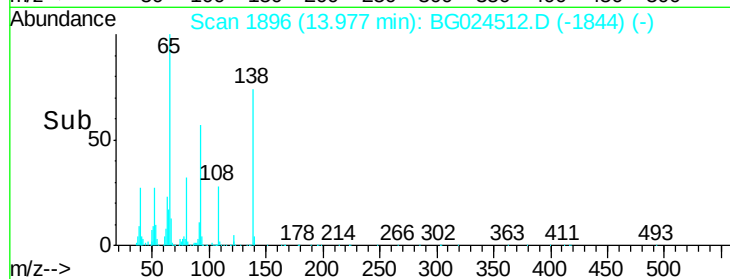
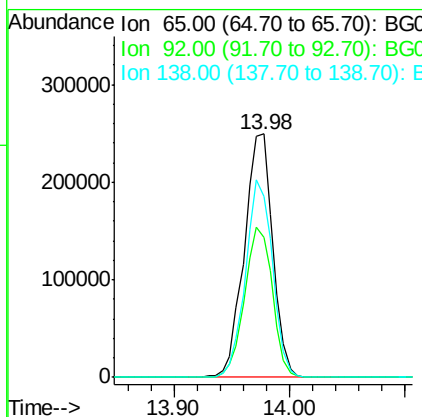
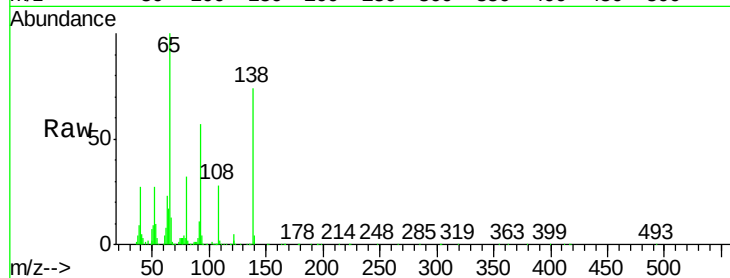




#47  
2-Nitroaniline  
Concen: 41.91 ng  
RT: 13.98 min Scan# 1896  
Delta R.T. 0.01 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

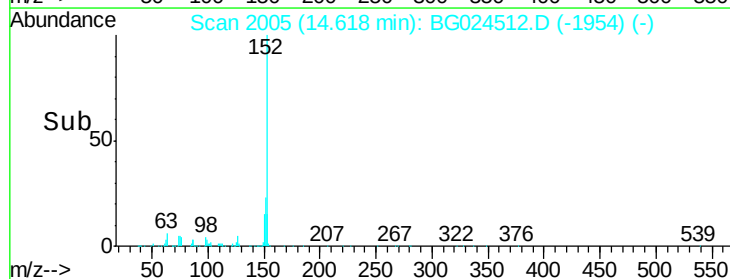
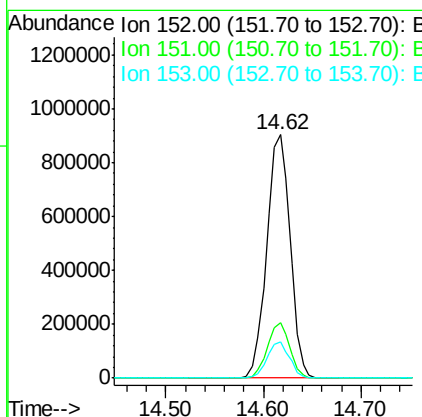
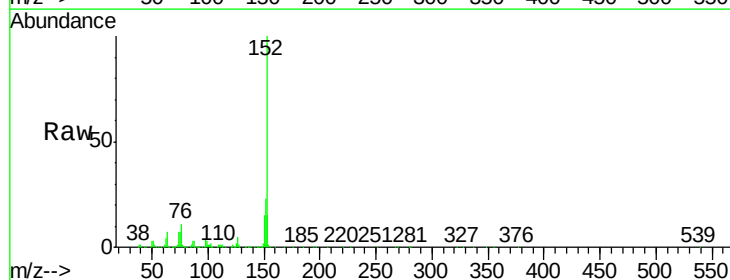
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

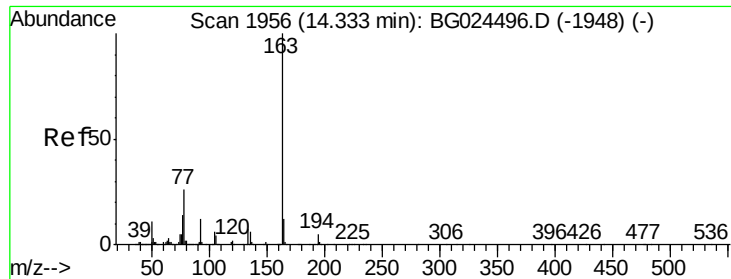
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 57.5  | 49.0  | 73.4  |
| 138     | 74.1  | 58.6  | 87.8  |



#48  
Acenaphthylene  
Concen: 39.84 ng  
RT: 14.62 min Scan# 2005  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 22.9  | 18.2  | 27.2  |
| 153     | 14.8  | 11.3  | 16.9  |





#49

Dimethylphthalate

Concen: 40.06 ng

RT: 14.33 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

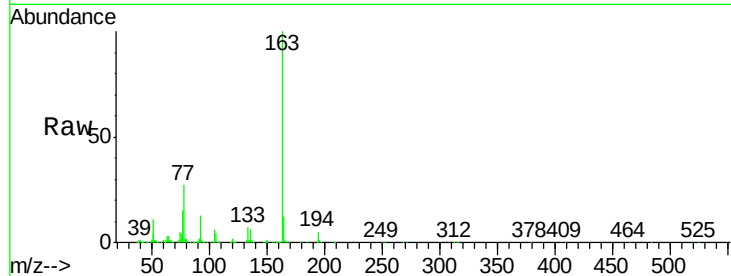
Tot Ion:163 Resp: 1337531

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

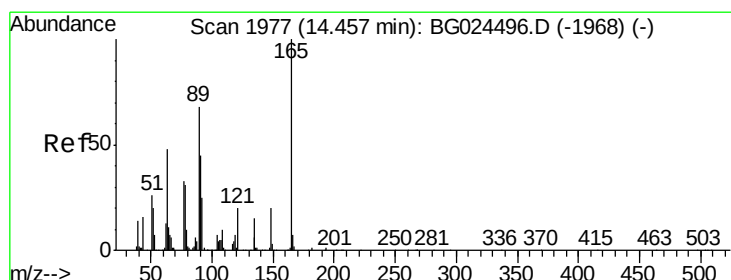
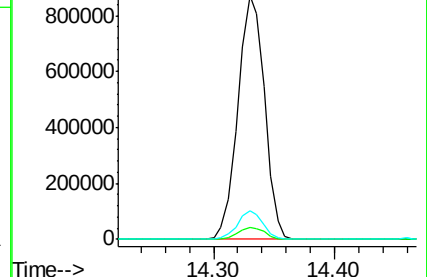
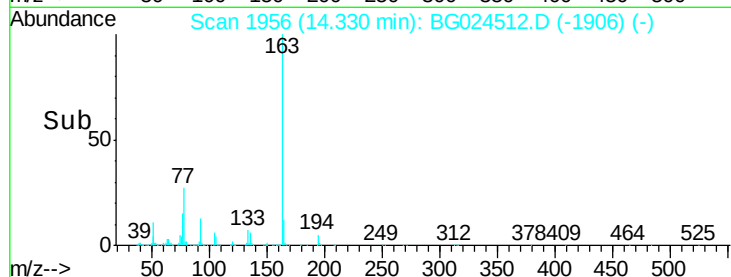
164 11.7 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.82 ng

RT: 14.46 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

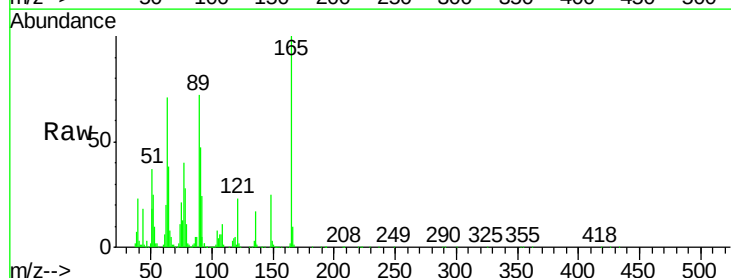
Tgt Ion:165 Resp: 298105

Ion Ratio Lower Upper

165 100

63 71.4 63.9 95.9

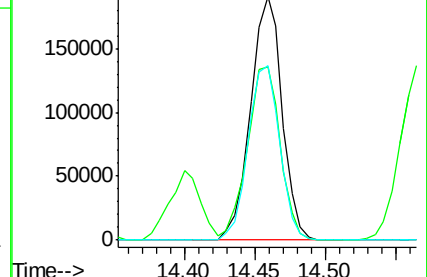
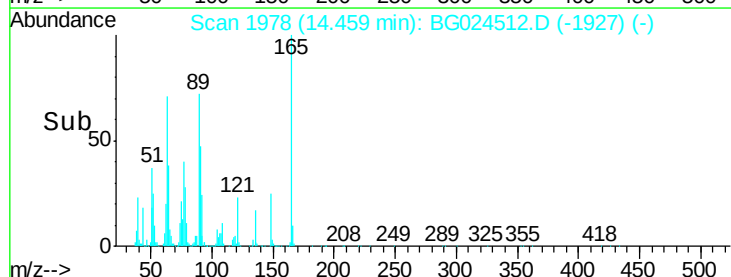
89 71.7 58.6 88.0

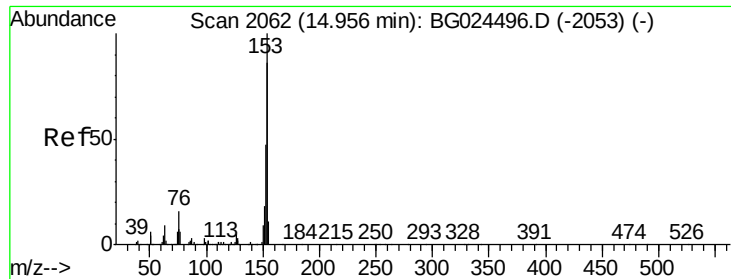


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 37.57 ng

RT: 14.95 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

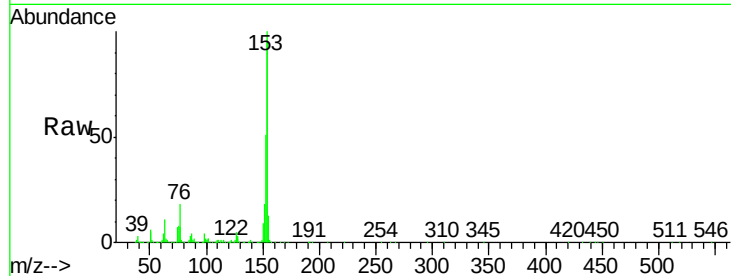
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1067376

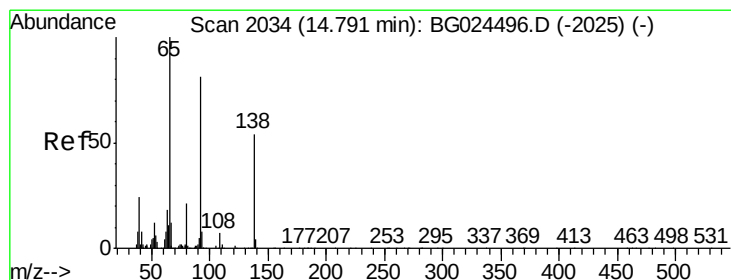
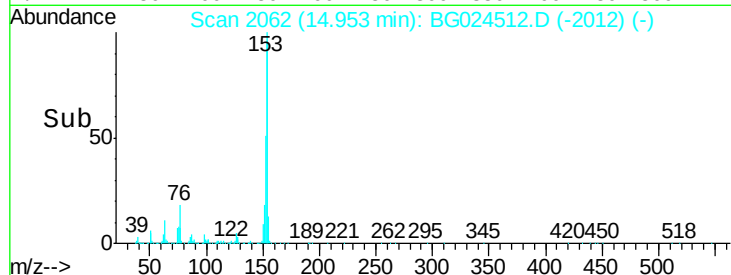
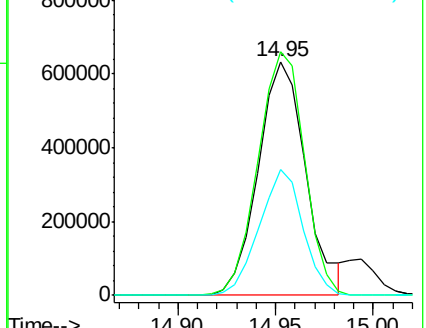
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 104.3 | 87.8  | 131.6 |
| 152 | 53.7  | 42.2  | 63.4  |



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.04 ng

RT: 14.79 min Scan# 2035

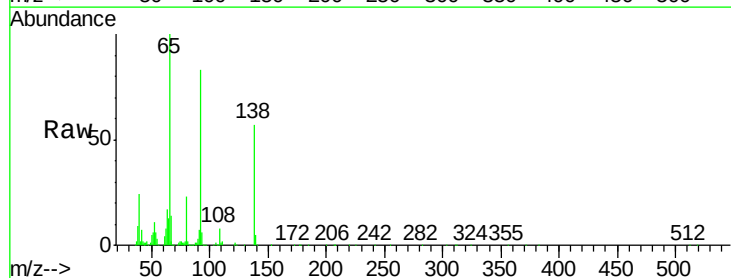
Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Tgt Ion:138 Resp: 302703

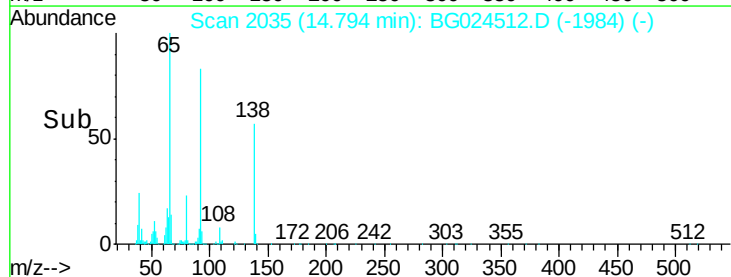
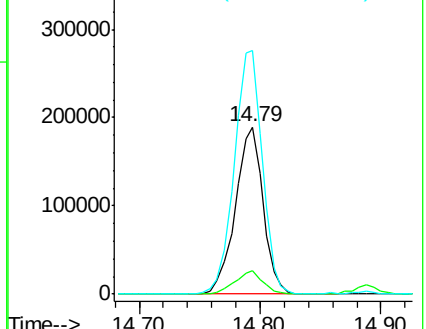
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 14.1  | 10.9  | 16.3  |
| 92  | 145.5 | 115.3 | 172.9 |

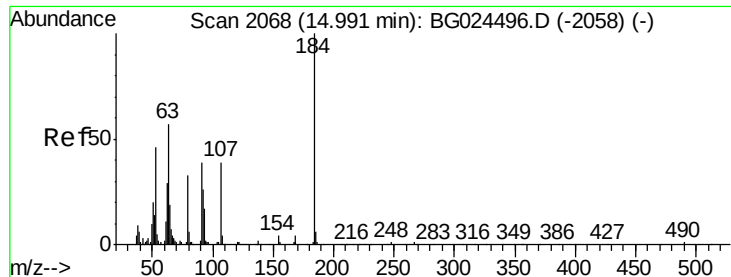


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 42.05 ng

RT: 14.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

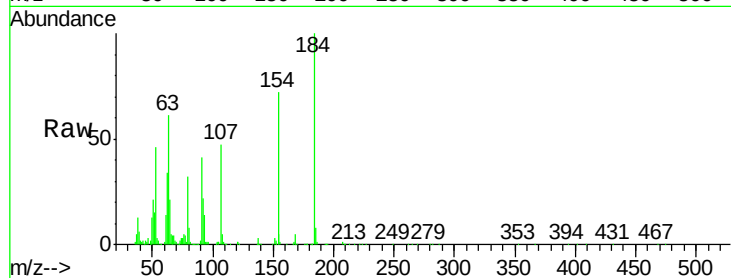
Tot Ion:184 Resp: 217232

Ion Ratio Lower Upper

184 100

63 61.2 52.7 79.1

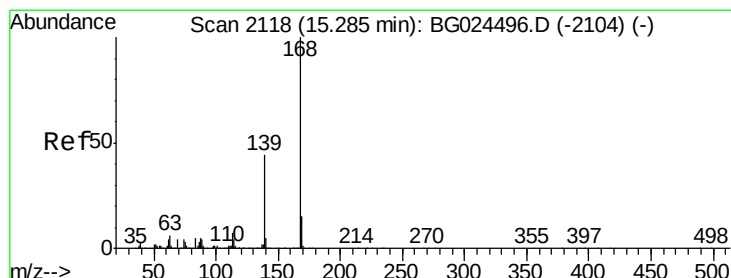
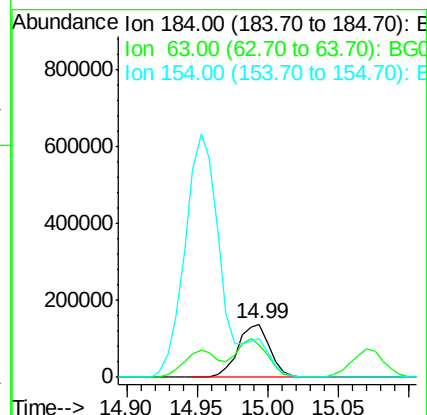
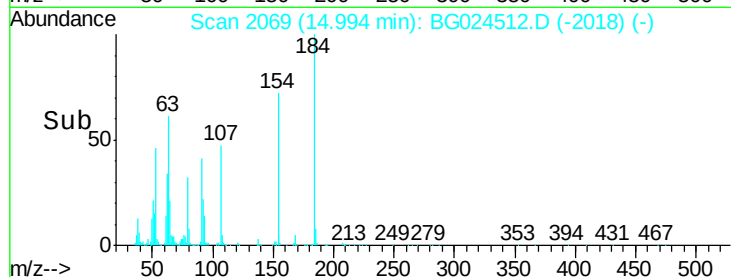
154 72.1 57.3 85.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.65 ng

RT: 15.28 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

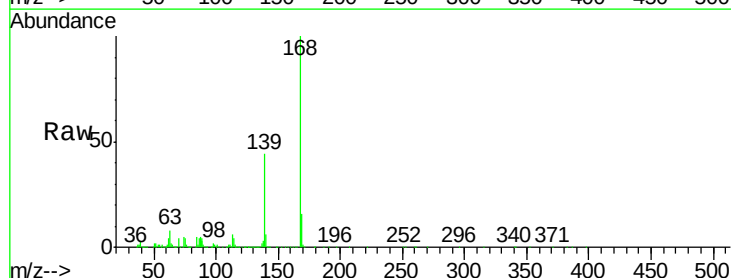
Tgt Ion:168 Resp: 1557519

Ion Ratio Lower Upper

168 100

139 43.8 35.3 52.9

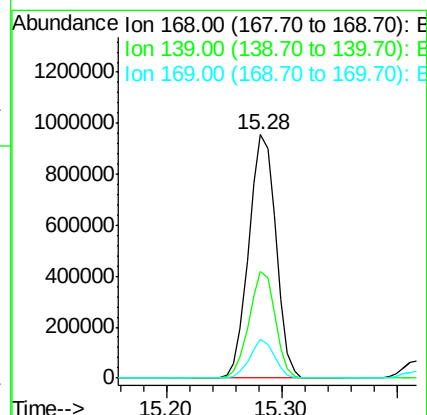
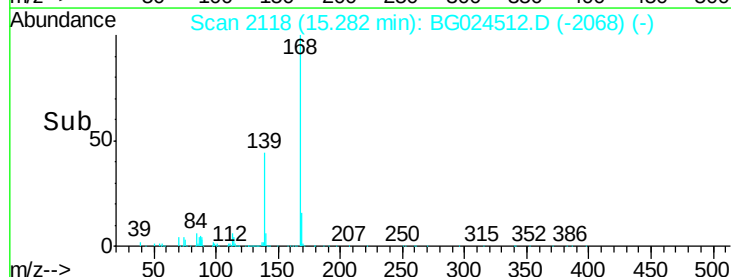
169 15.8 11.5 17.3

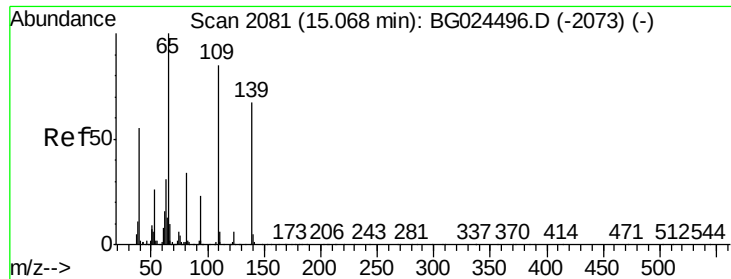


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

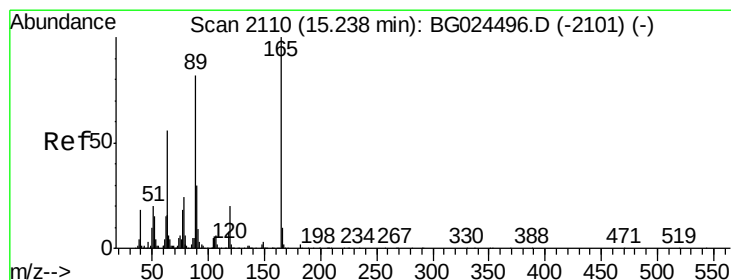
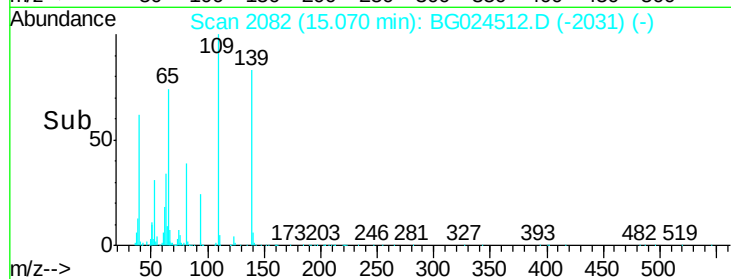
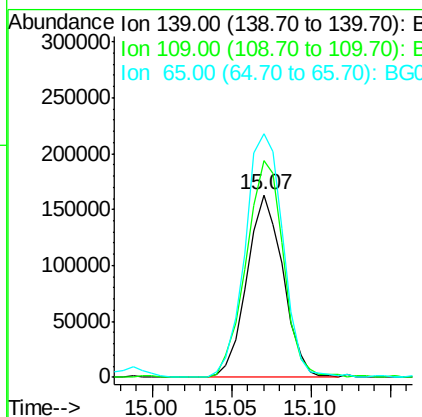
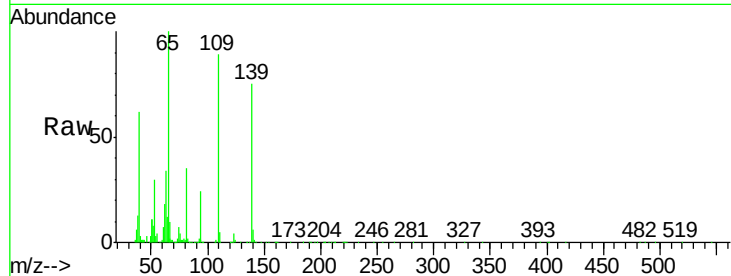




#55  
4-Nitrophenol  
Concen: 40.35 ng  
RT: 15.07 min Scan# 2082  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

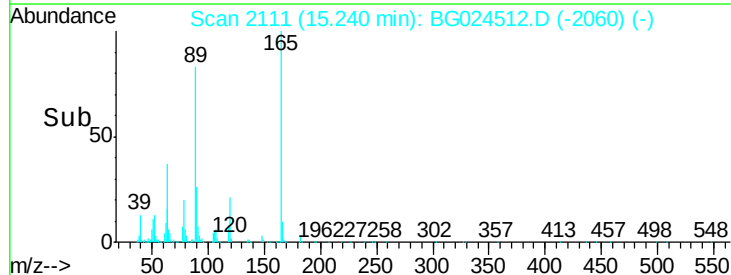
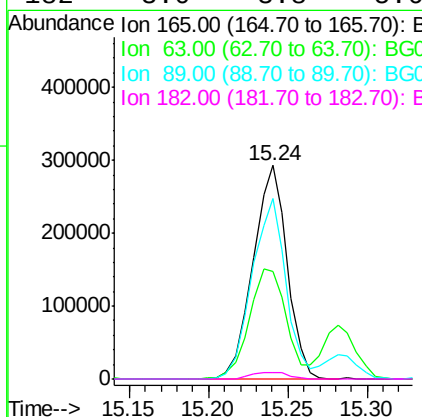
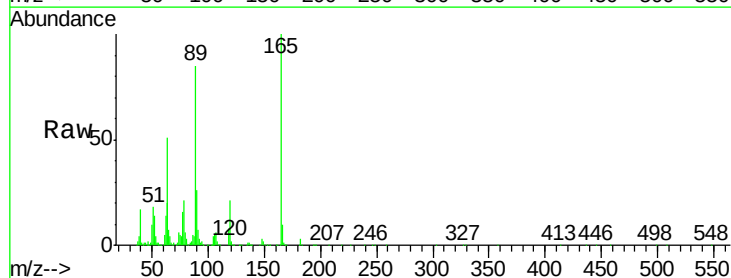
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 118.4 | 101.2 | 141.2  |
| 65      | 133.3 | 135.3 | 175.3# |

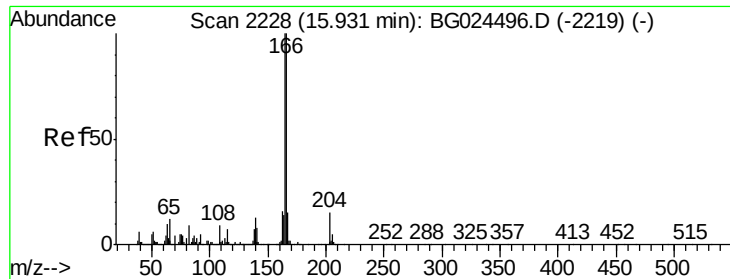


#56  
2,4-Dinitrotoluene  
Concen: 42.25 ng  
RT: 15.24 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.6  | 44.0  | 66.0  |
| 89      | 84.7  | 67.3  | 100.9 |
| 182     | 3.0   | 3.8   | 5.6#  |







#57

Fluorene

Concen: 39.81 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

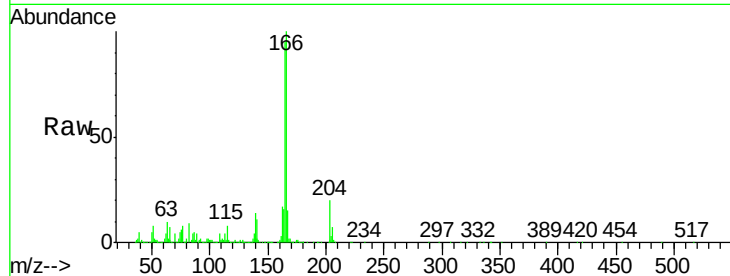
Tot Ion:166 Resp: 1296914

Ion Ratio Lower Upper

166 100

165 94.9 78.6 117.8

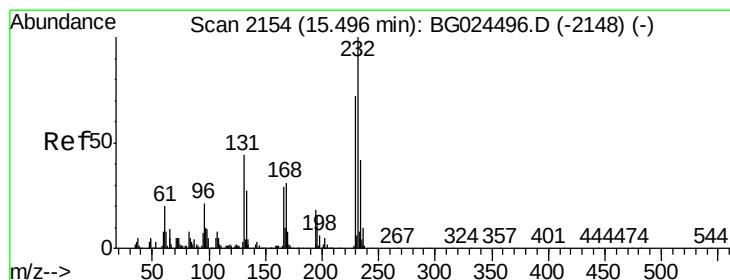
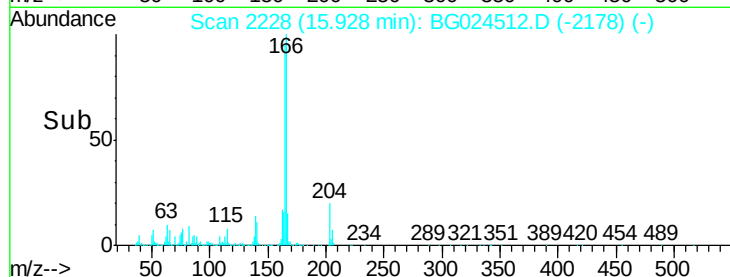
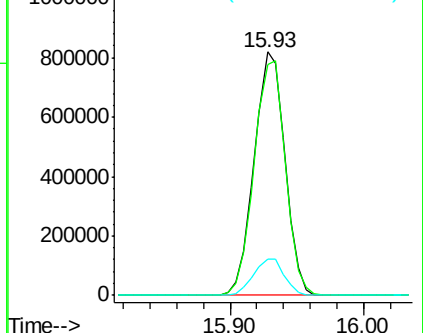
167 14.8 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.63 ng

RT: 15.50 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Tgt Ion:232 Resp: 445017

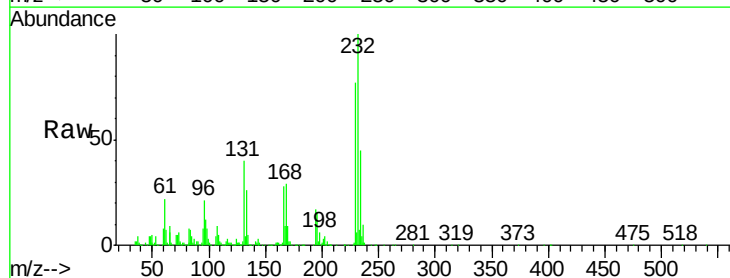
Ion Ratio Lower Upper

232 100

131 40.3 34.9 52.3

130 2.2 2.3 3.5#

166 27.4 24.2 36.4

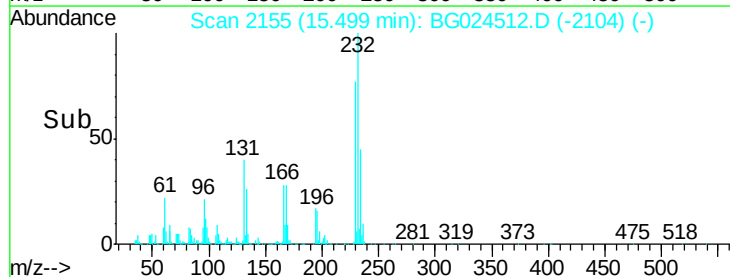
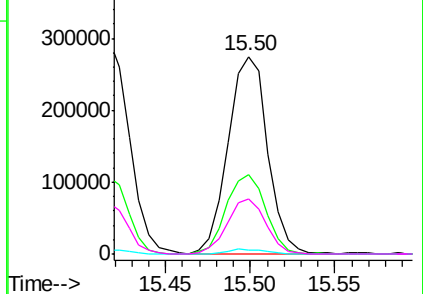


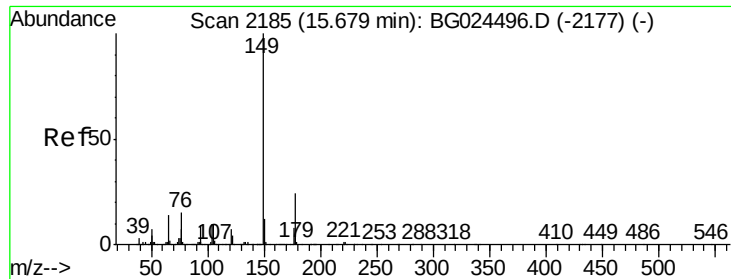
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.00 ng

RT: 15.68 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

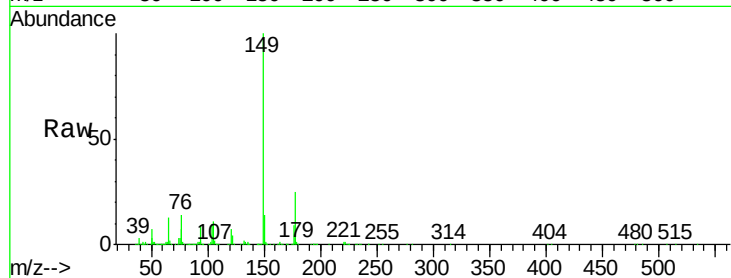
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1365460

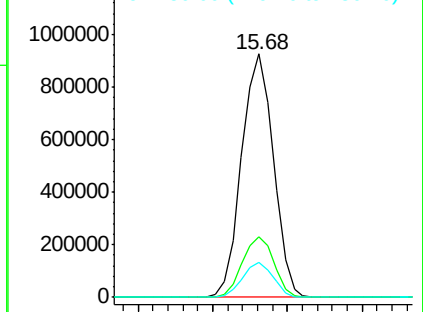
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 24.8  | 20.1  | 30.1  |
| 150 | 14.3  | 10.2  | 15.2  |



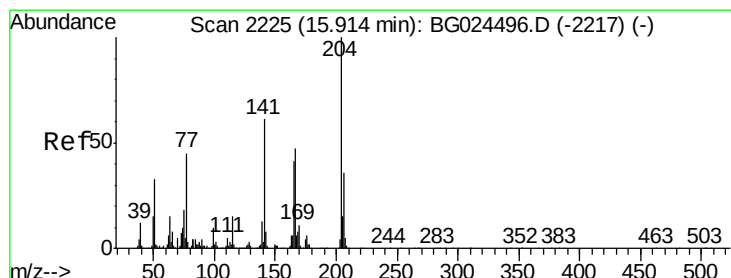
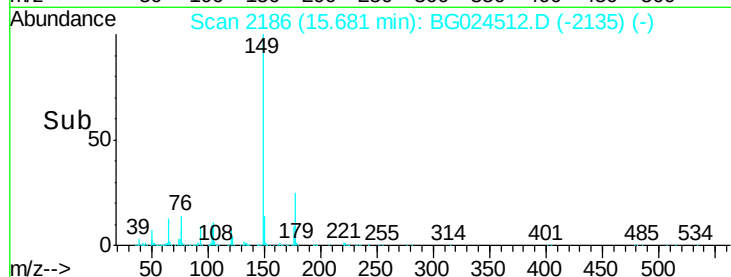
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 40.18 ng

RT: 15.92 min Scan# 2226

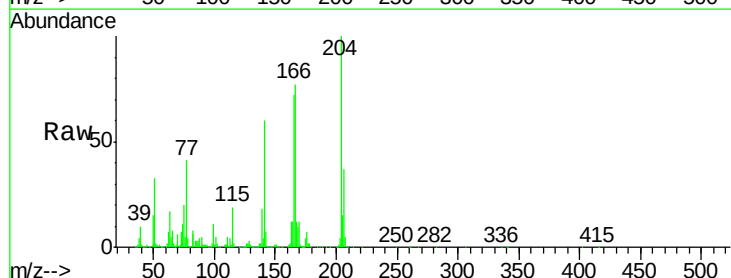
Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Tgt Ion:204 Resp: 734419

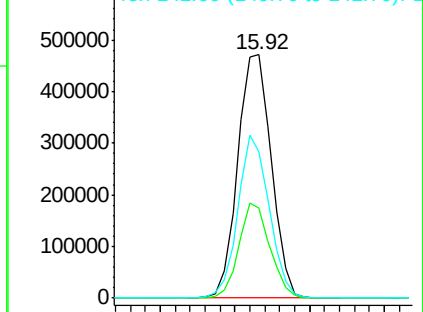
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 37.1  | 30.1  | 45.1  |
| 141 | 60.1  | 50.6  | 76.0  |



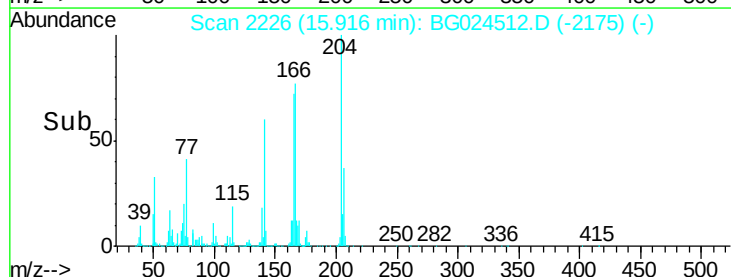
Abundance Ion 204.00 (203.70 to 204.70): E

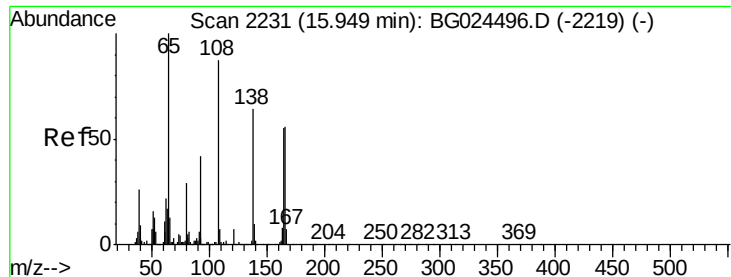
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

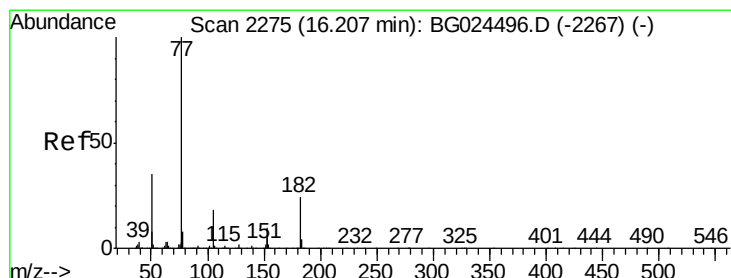
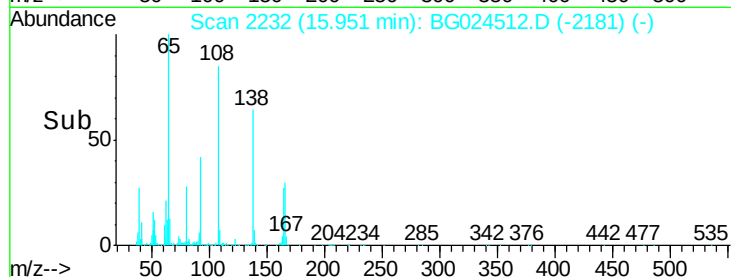
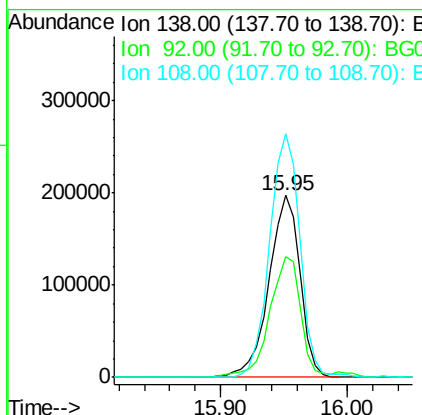
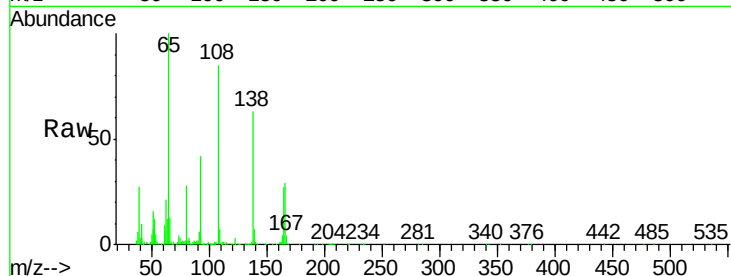




#61  
4-Nitroaniline  
Concen: 41.64 ng  
RT: 15.95 min Scan# 2232  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

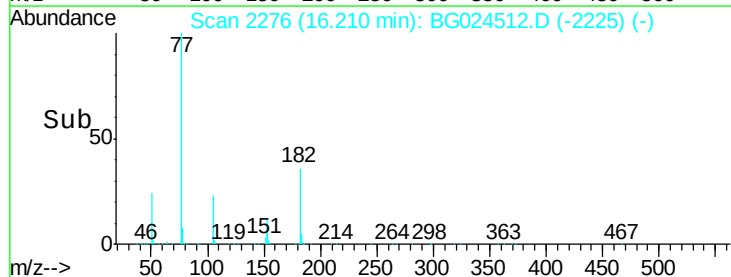
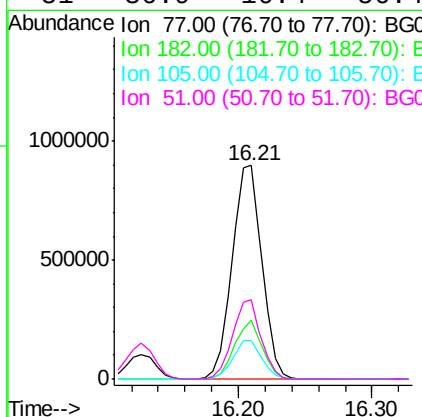
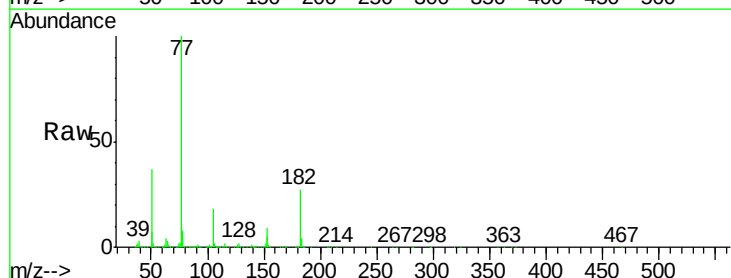
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

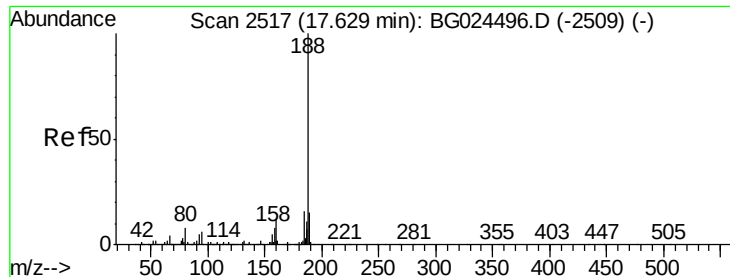
Tot Ion:138 Resp: 335586  
Ion Ratio Lower Upper  
138 100  
92 66.8 44.2 84.2  
108 134.1 104.8 144.8



#62  
Azobenzene  
Concen: 39.72 ng  
RT: 16.21 min Scan# 2276  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

Tgt Ion: 77 Resp: 1386881  
Ion Ratio Lower Upper  
77 100  
182 27.3 4.7 44.7  
105 17.7 0.0 36.3  
51 36.9 16.4 56.4

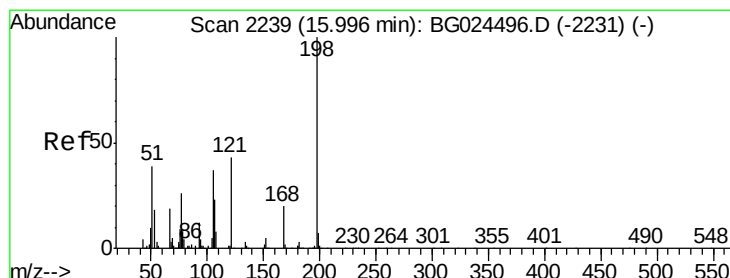
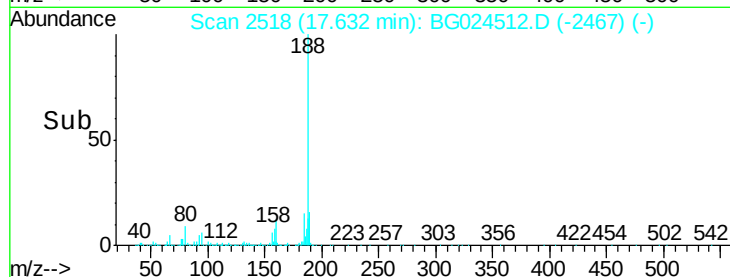
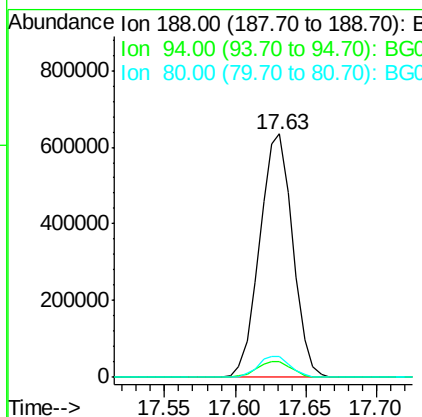
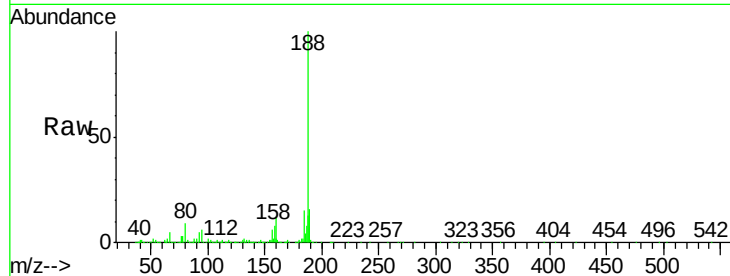




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.63 min Scan# 2518  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

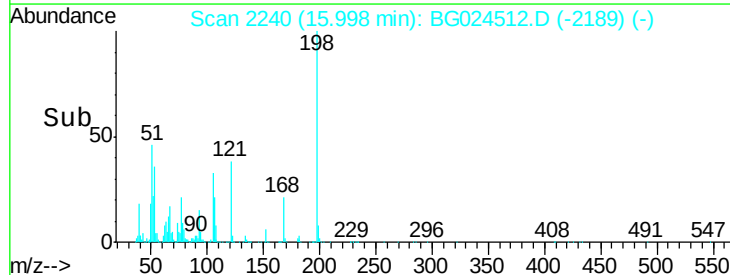
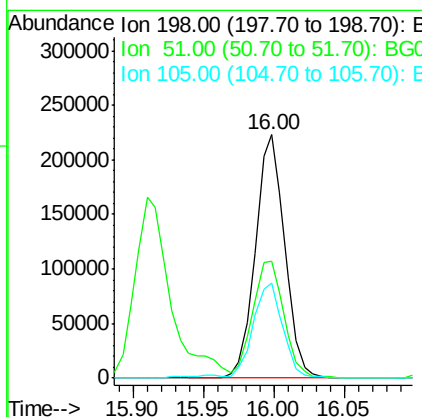
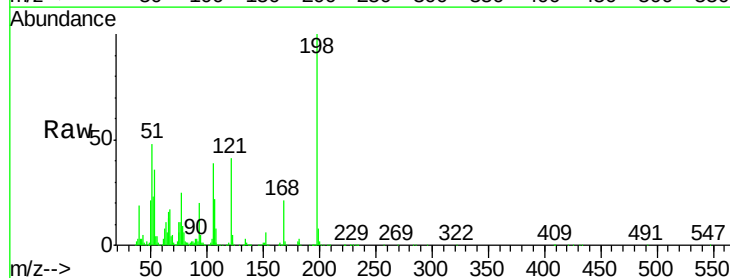
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

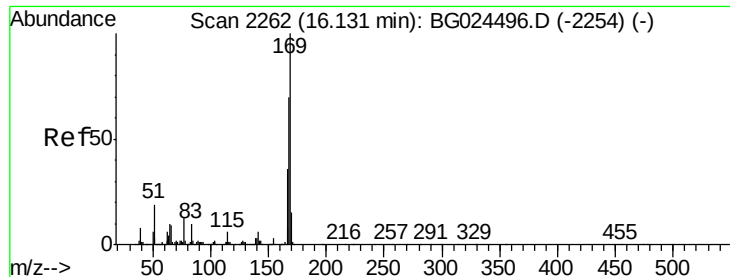
Tot Ion:188 Resp: 1043408  
Ion Ratio Lower Upper  
188 100  
94 6.4 5.8 8.8  
80 8.8 7.5 11.3



#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.26 ng  
RT: 16.00 min Scan# 2240  
Delta R.T. 0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

Tgt Ion:198 Resp: 325372  
Ion Ratio Lower Upper  
198 100  
51 47.8 22.6 62.6  
105 38.9 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 40.99 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

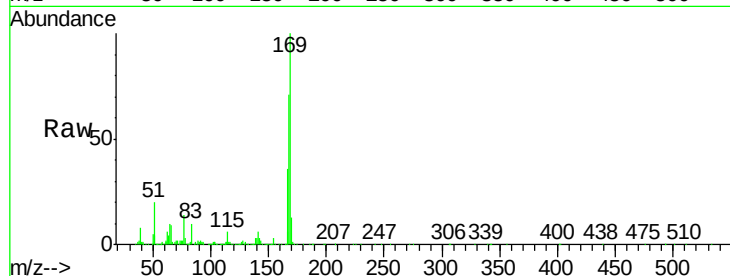
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1169168

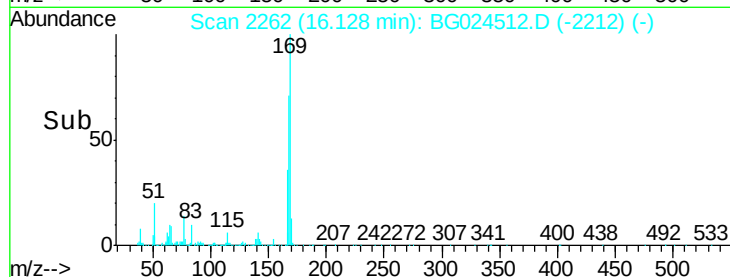
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 70.6  | 55.7  | 83.5  |
| 167 | 36.3  | 29.8  | 44.6  |



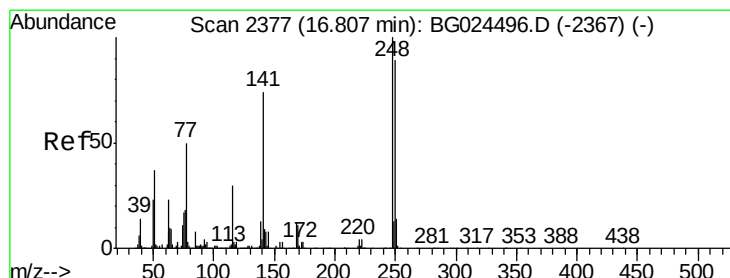
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 42.12 ng

RT: 16.81 min Scan# 2378

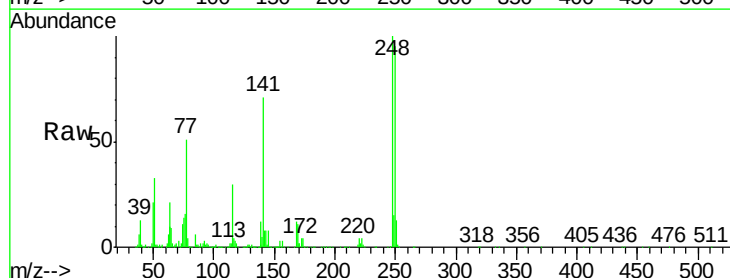
Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Tgt Ion:248 Resp: 533490

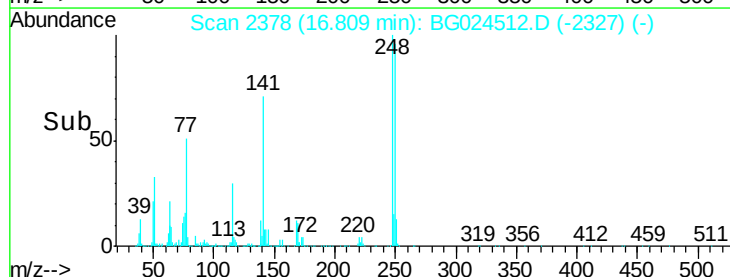
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 95.5  | 75.0  | 112.6 |
| 141 | 71.0  | 55.2  | 82.8  |



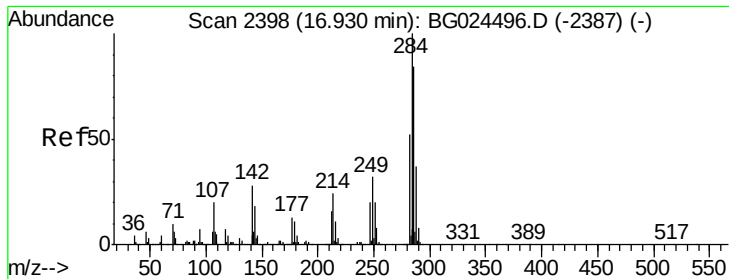
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



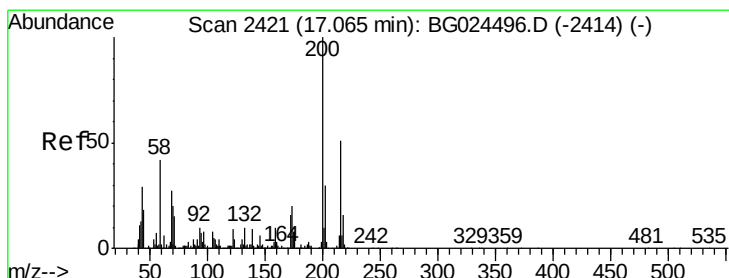
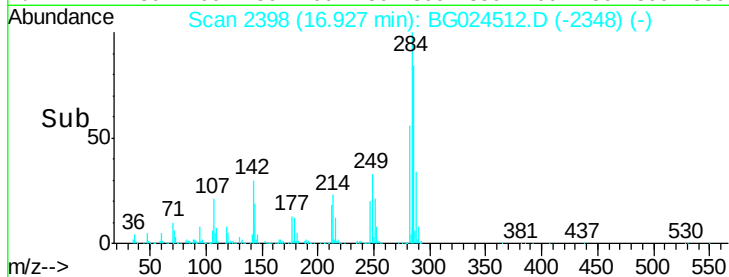
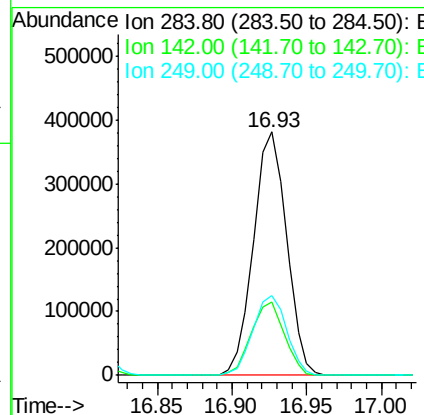
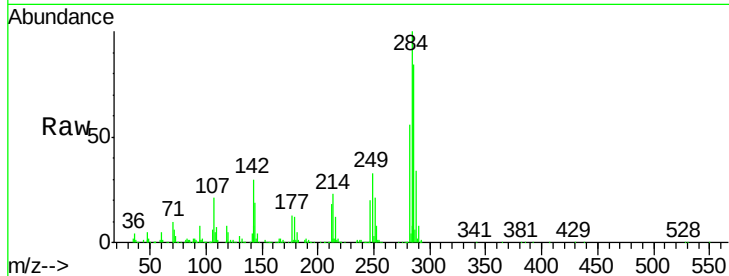
Time-->



#67  
Hexachlorobenzene  
Concen: 41.81 ng  
RT: 16.93 min Scan# 2398  
Delta R.T. -0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

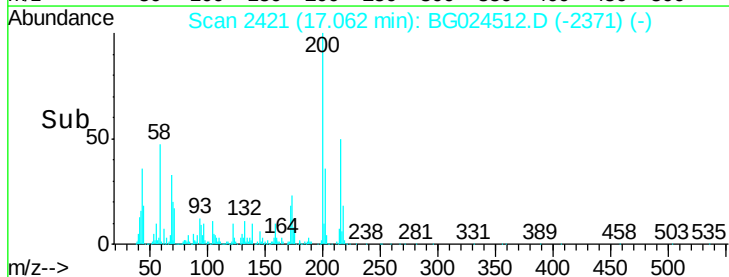
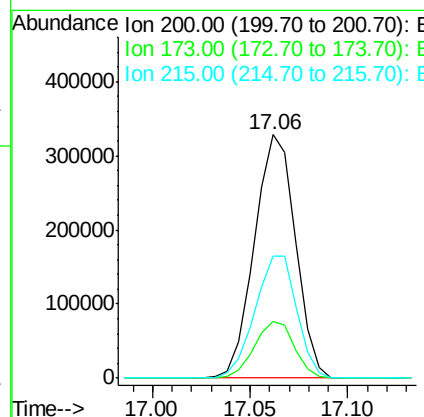
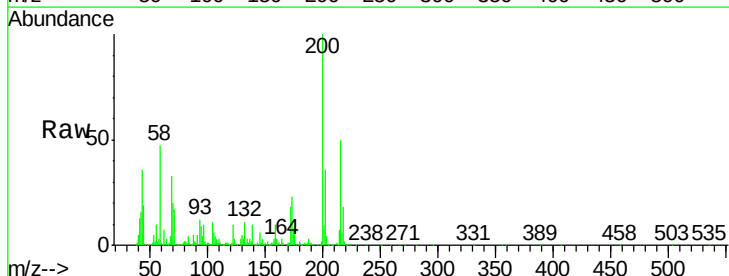
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

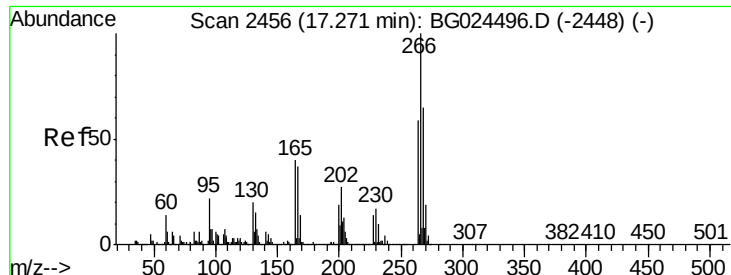
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.1  | 29.9  | 44.9  |
| 249     | 32.7  | 29.2  | 43.8  |



#68  
Atrazine  
Concen: 39.03 ng  
RT: 17.06 min Scan# 2421  
Delta R.T. -0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.1  | 3.0   | 43.0  |
| 215     | 50.0  | 28.4  | 68.4  |

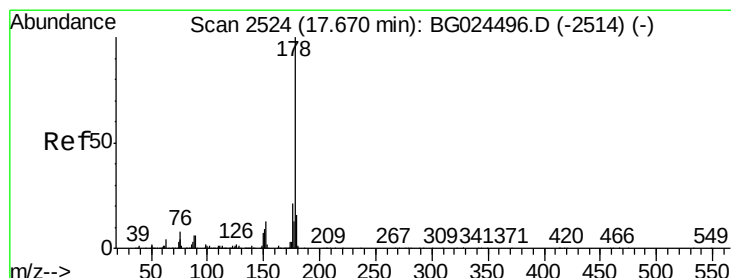
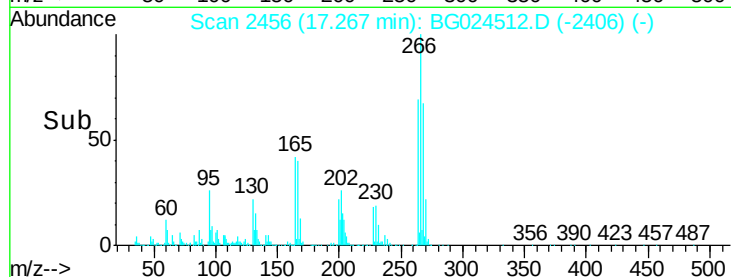
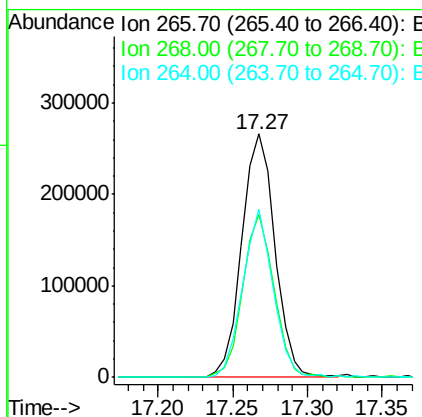
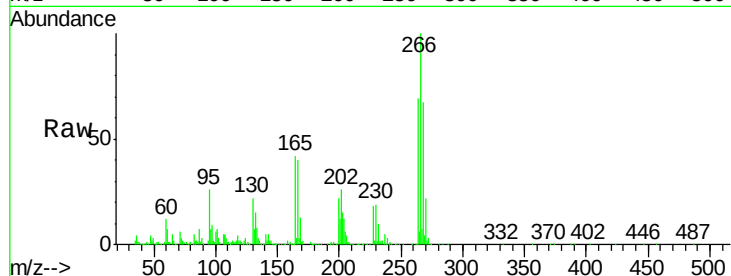




#69  
 Pentachlorophenol  
 Concen: 44.28 ng  
 RT: 17.27 min Scan# 2456  
 Delta R.T. -0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

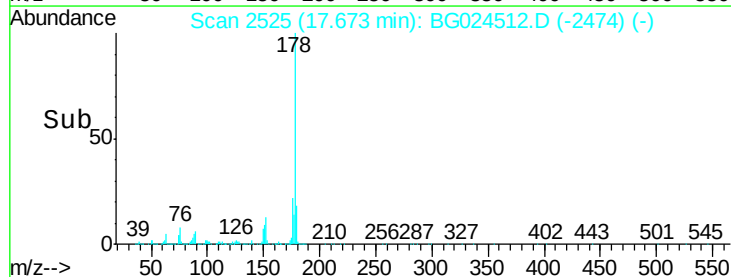
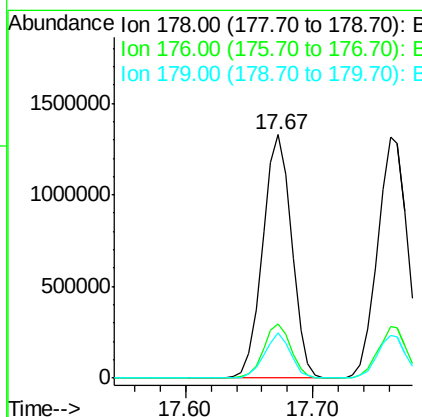
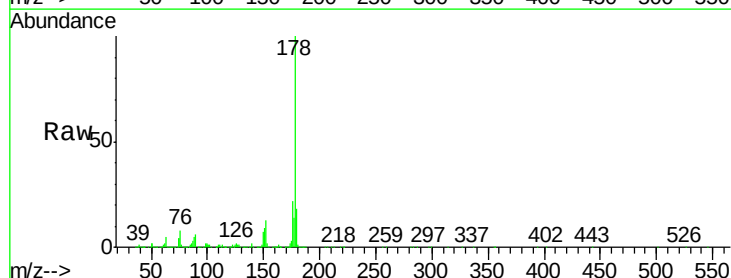
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

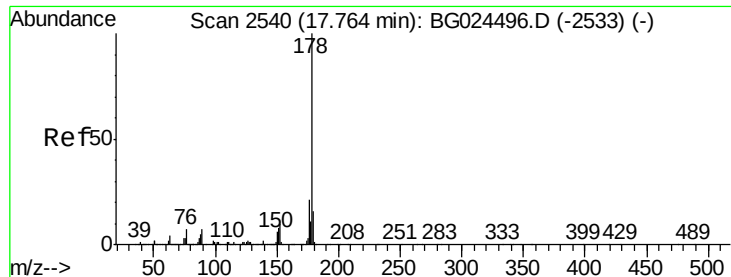
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.9  | 48.6  | 72.8  |
| 264     | 69.1  | 50.1  | 75.1  |



#70  
 Phenanthrene  
 Concen: 39.68 ng  
 RT: 17.67 min Scan# 2525  
 Delta R.T. 0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 22.2  | 17.7  | 26.5  |
| 179     | 18.4  | 15.0  | 22.6  |





#71

Anthracene

Concen: 40.11 ng

RT: 17.76 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

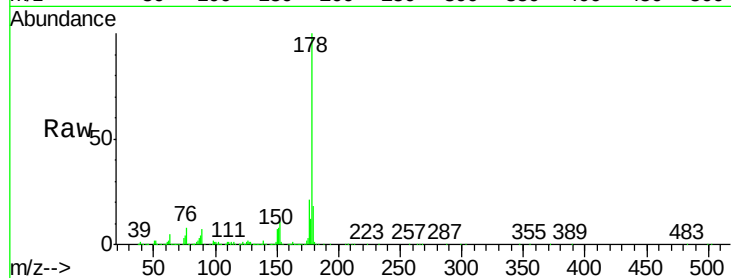
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2152348

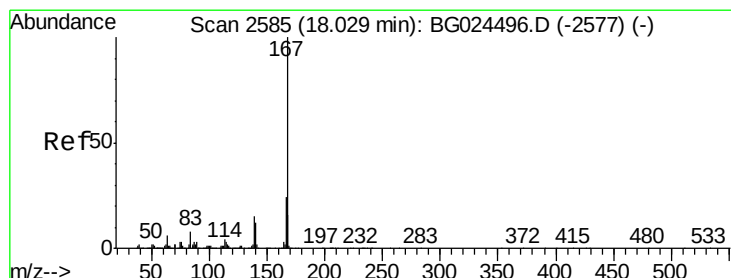
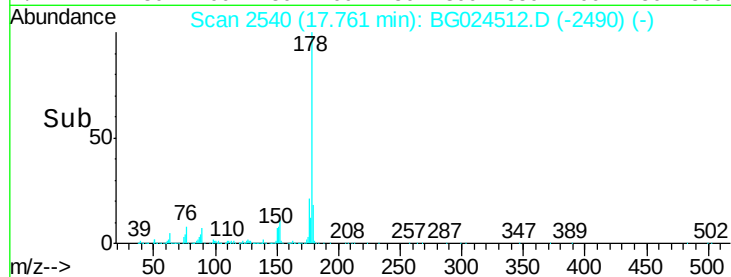
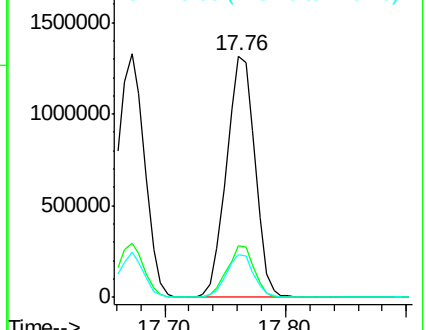
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 21.3  | 16.4  | 24.6  |
| 179 | 17.6  | 13.8  | 20.8  |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.18 ng

RT: 18.03 min Scan# 2586

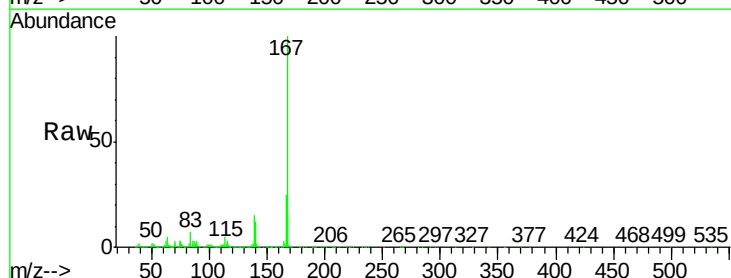
Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Tgt Ion:167 Resp: 1966189

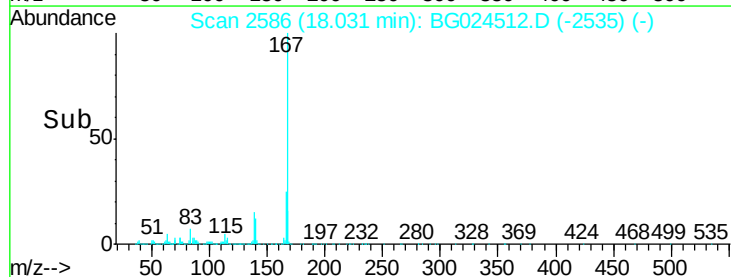
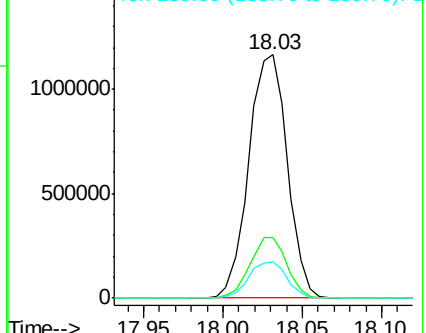
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.0  | 20.2  | 30.2  |
| 139 | 15.0  | 12.8  | 19.2  |



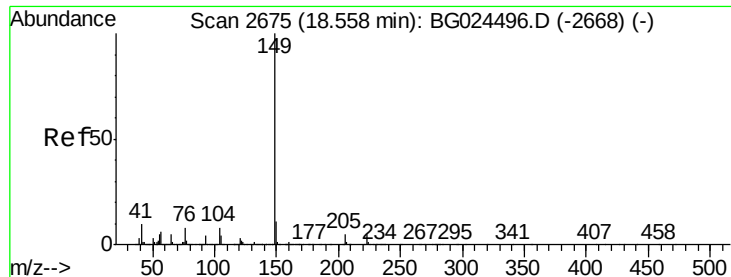
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 39.67 ng

RT: 18.56 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

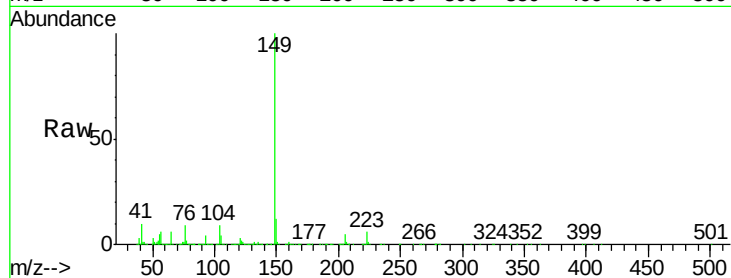
Tot Ion:149 Resp: 2238175

Ion Ratio Lower Upper

149 100

150 11.8 9.1 13.7

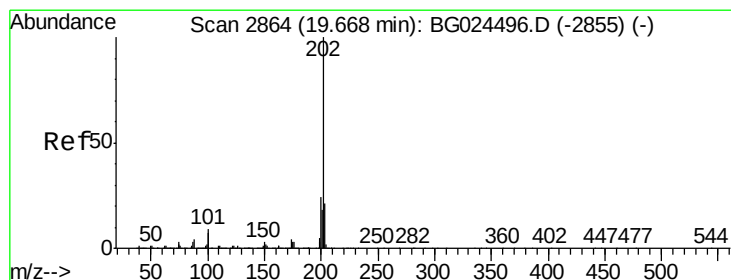
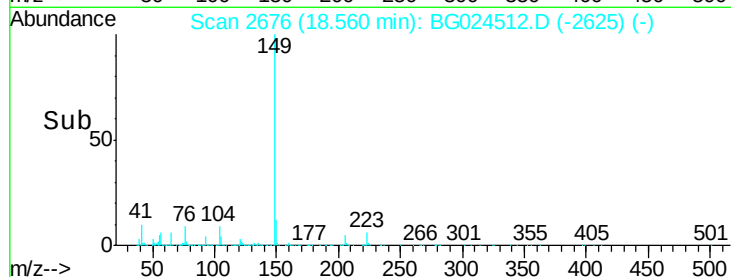
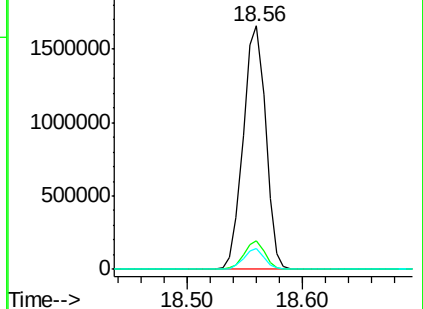
104 8.6 6.7 10.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.10 ng

RT: 19.66 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

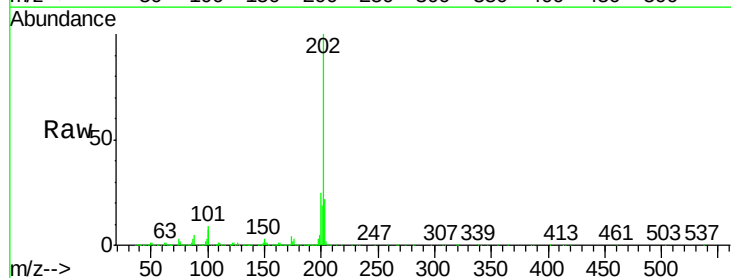
Tgt Ion:202 Resp: 2695997

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.1

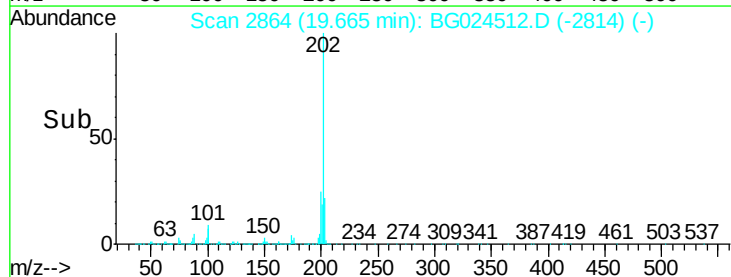
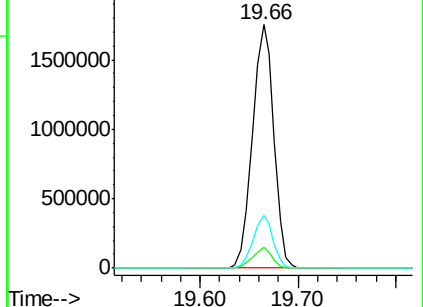
203 21.8 1.3 41.3

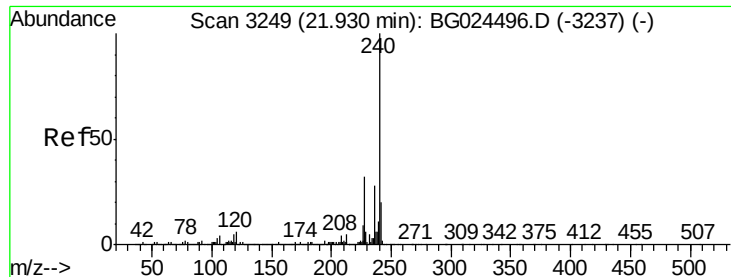


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

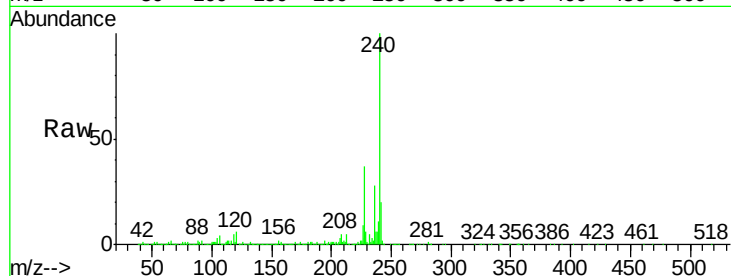
Tot Ion:240 Resp: 1448624

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

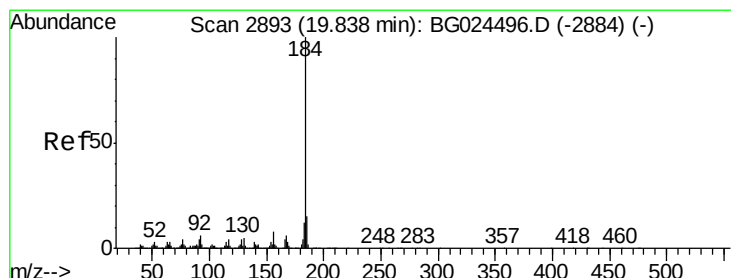
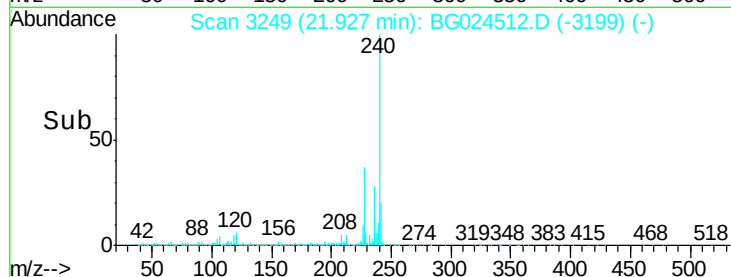
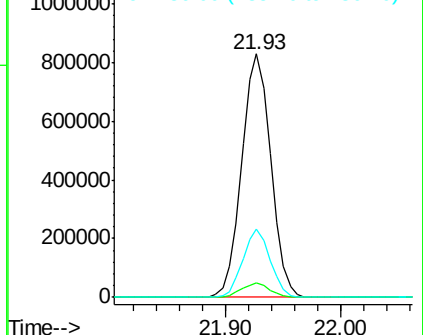
236 28.3 22.2 33.4



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: 38.38 ng

RT: 19.84 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

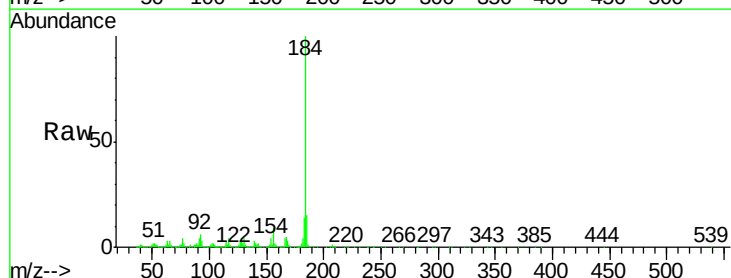
Tgt Ion:184 Resp: 1309808

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

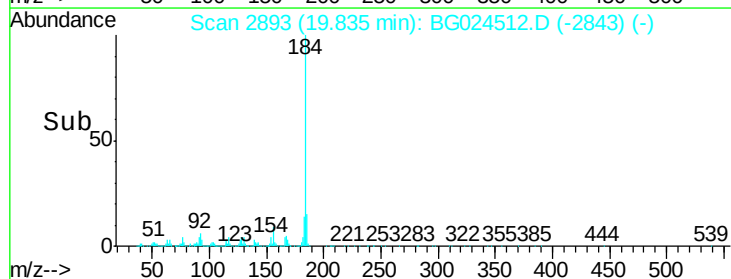
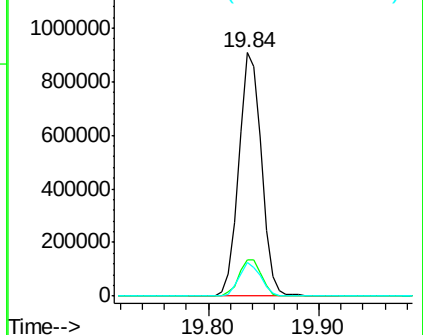
183 14.0 11.0 16.6

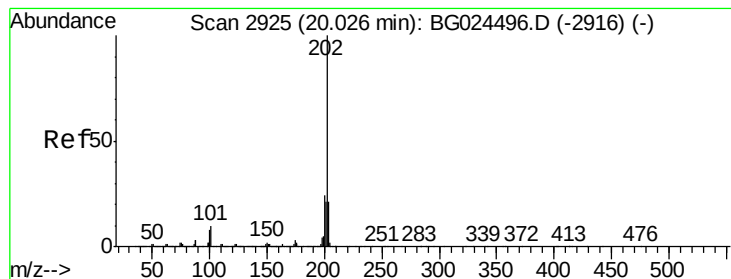


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.86 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

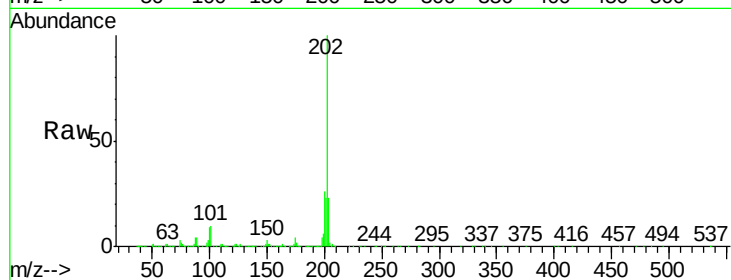
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2752081

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 26.4  | 19.6  | 29.4  |
| 203 | 23.0  | 15.8  | 23.8  |

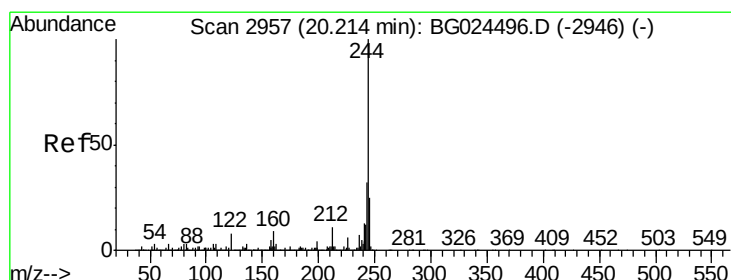
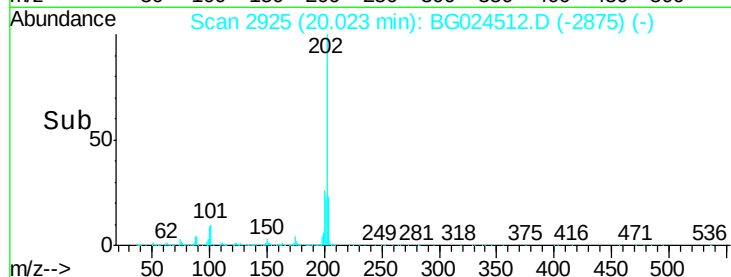
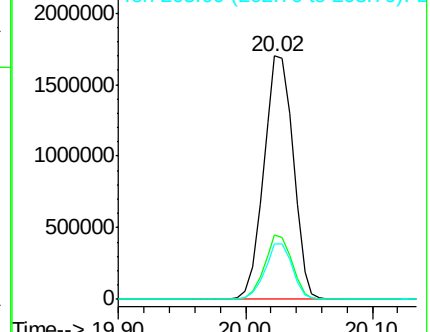


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.44 ng

RT: 20.21 min Scan# 2957

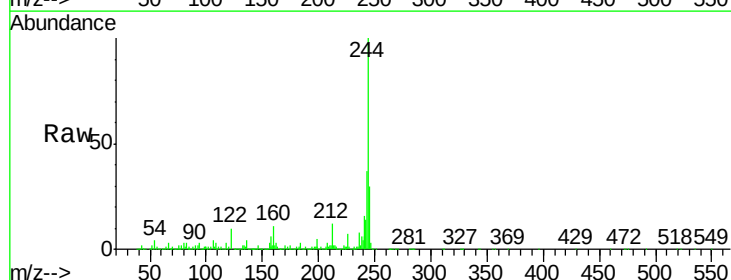
Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Tgt Ion:244 Resp: 3512032

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 12.4  | 10.0  | 15.0  |
| 122 | 10.3  | 8.6   | 12.8  |

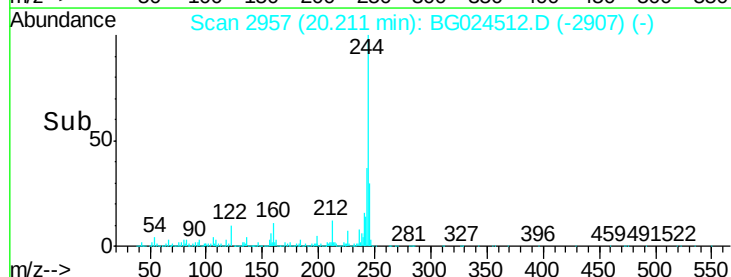
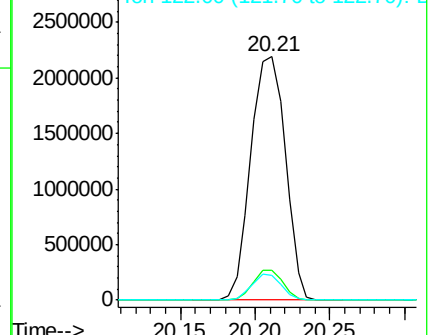


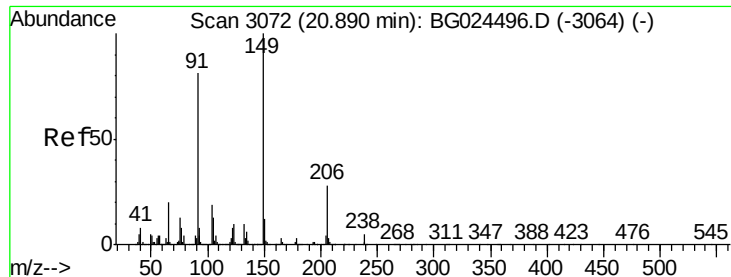
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.11 ng

RT: 20.89 min Scan# 3072

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

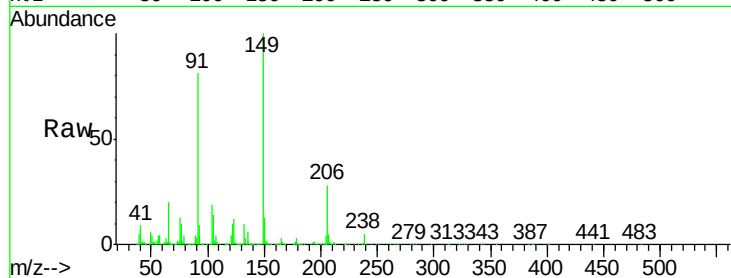
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1184316

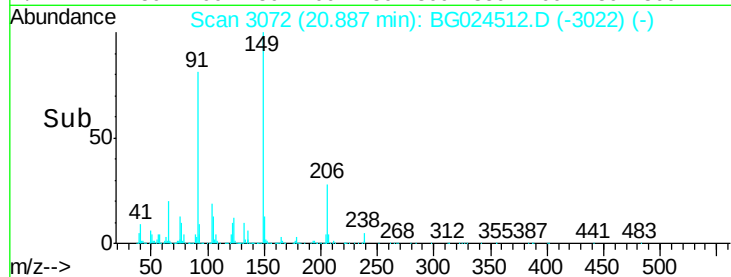
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 81.4  | 63.5  | 95.3  |
| 206 | 28.3  | 21.0  | 31.6  |



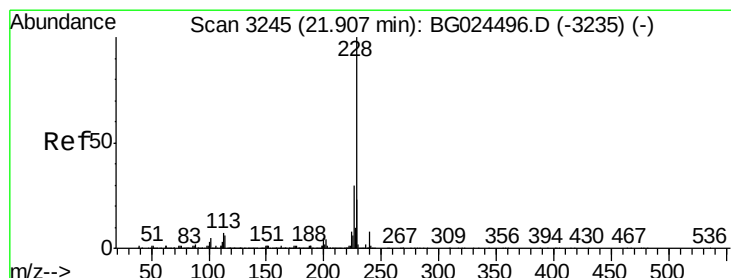
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time--> 20.80 20.85 20.90



#80

Benzo(a)anthracene

Concen: 38.42 ng

RT: 21.90 min Scan# 3245

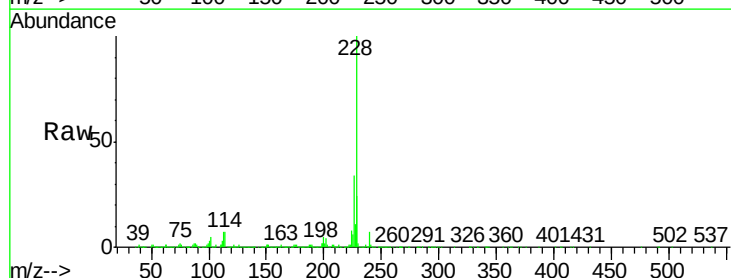
Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Tgt Ion:228 Resp: 3057719

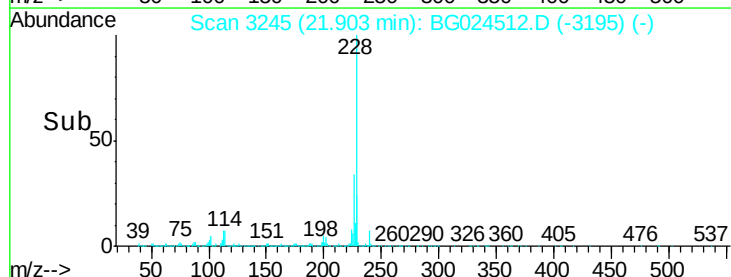
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 34.1  | 24.9  | 37.3  |
| 229 | 23.7  | 18.2  | 27.2  |



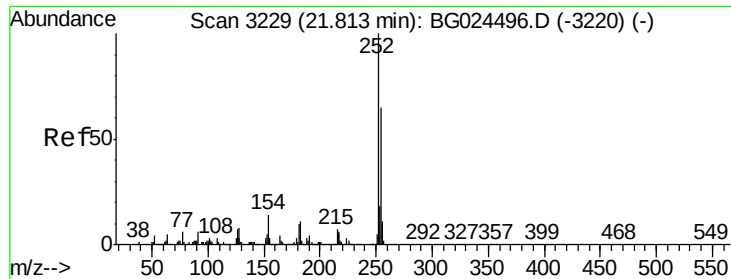
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.80 21.85 21.90 21.95

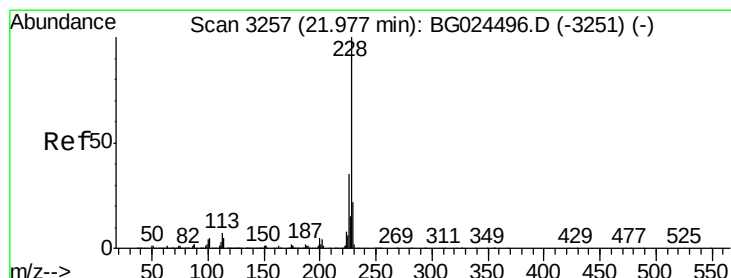
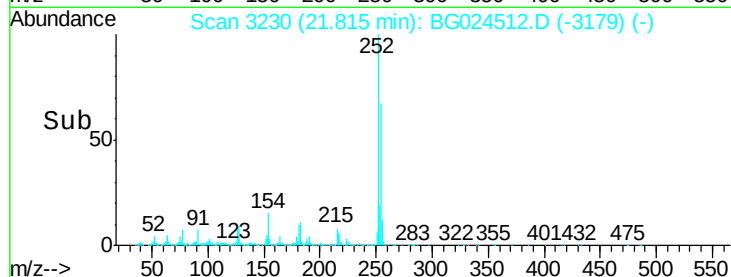
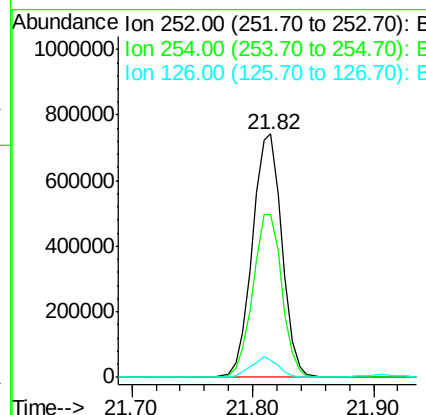
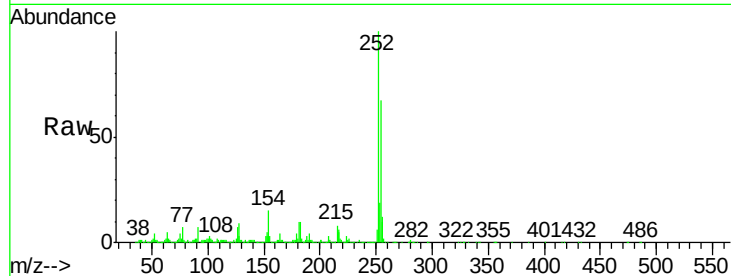


#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.24 ng  
 RT: 21.82 min Scan# 3230  
 Delta R.T. 0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC040

Tot Ion:252 Resp: 1259973  

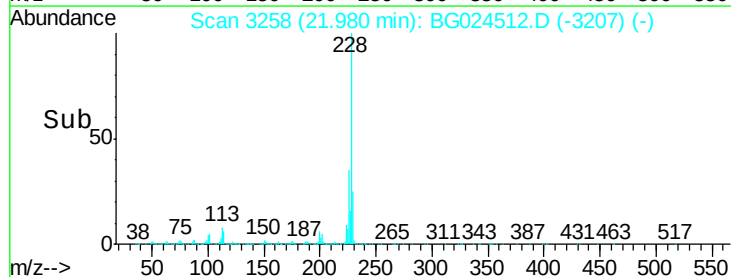
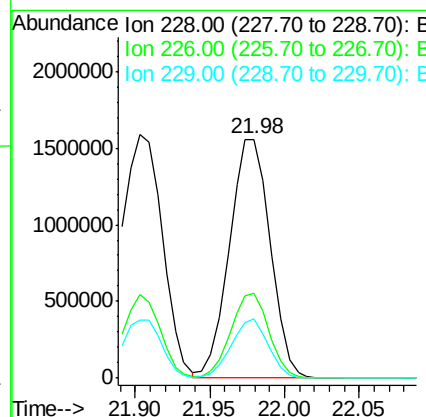
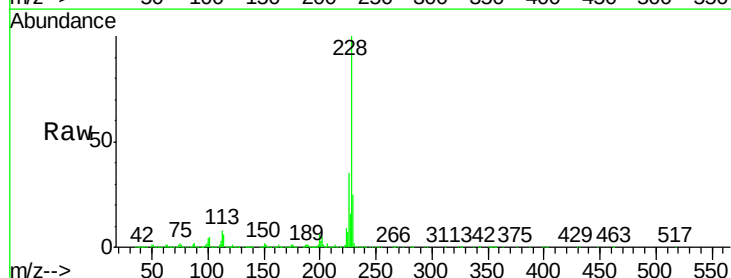
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 67.2  | 53.1  | 79.7  |
| 126 | 7.1   | 7.0   | 10.4  |

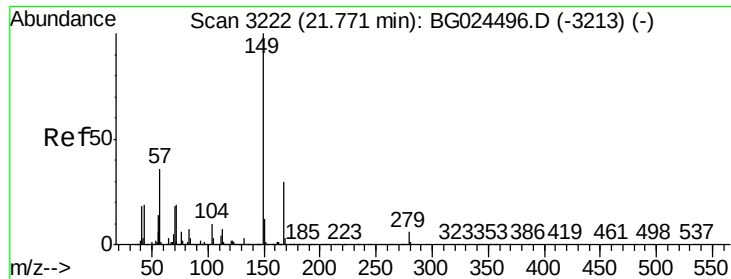


#82  
 Chrysene  
 Concen: 39.07 ng  
 RT: 21.98 min Scan# 3258  
 Delta R.T. 0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

Tgt Ion:228 Resp: 2960982  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 35.5  | 27.0  | 40.4  |
| 229 | 24.6  | 17.8  | 26.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.41 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

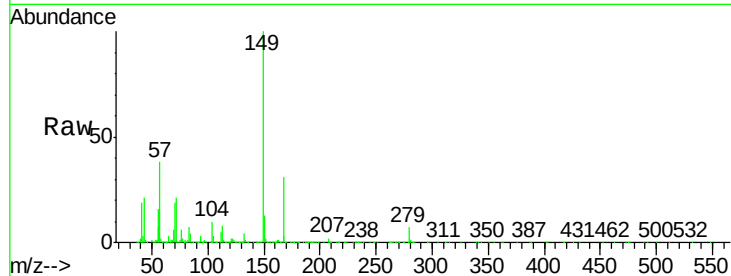
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1706595

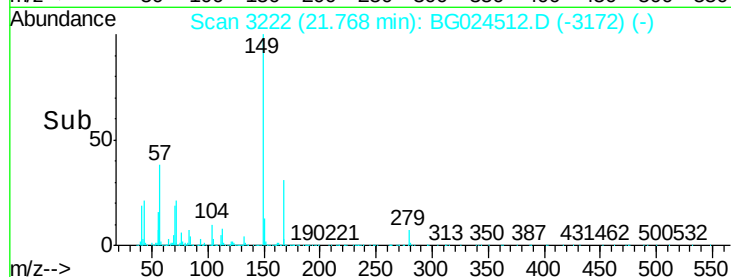
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 31.3  | 23.7  | 35.5  |
| 279 | 7.1   | 4.6   | 6.8#  |



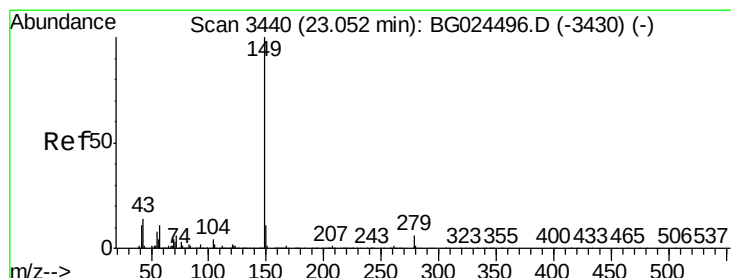
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 41.14 ng

RT: 23.05 min Scan# 3440

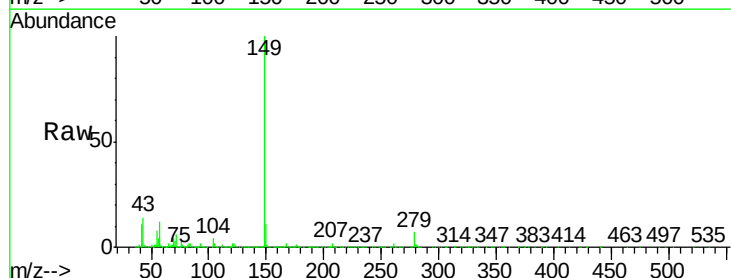
Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Tgt Ion:149 Resp: 2883395

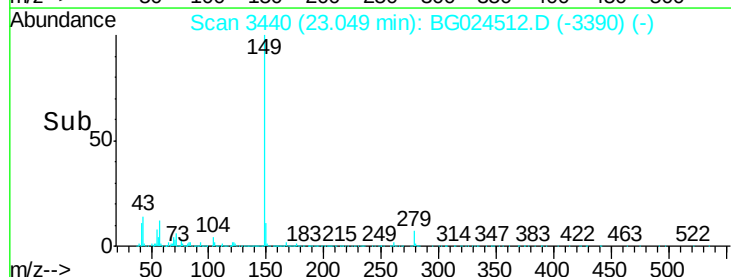
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.9   | 1.4   | 2.2   |
| 43  | 12.9  | 11.8  | 17.6  |



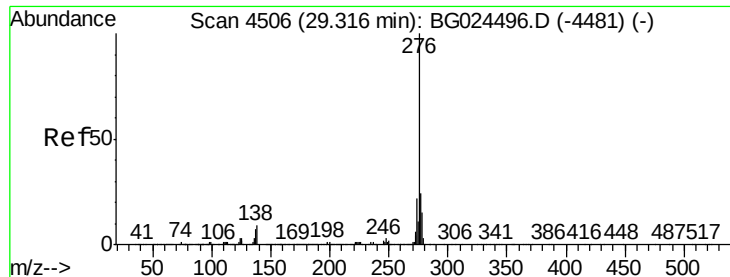
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0



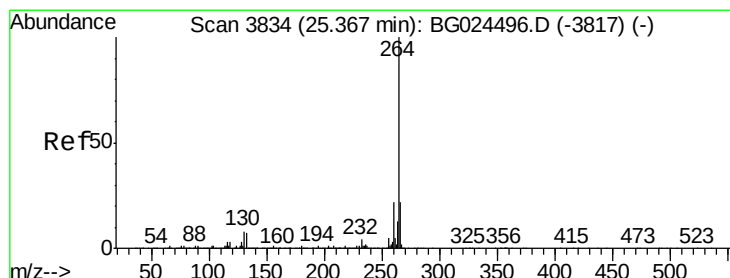
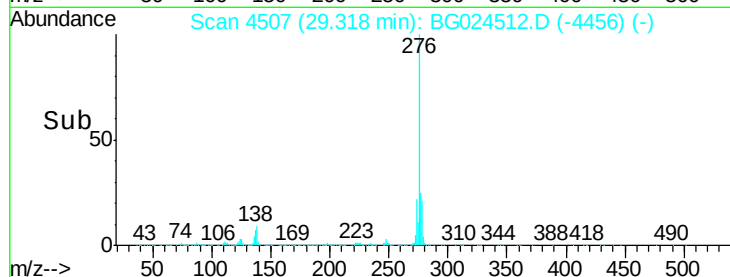
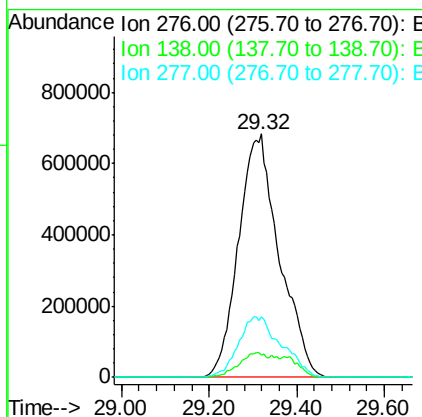
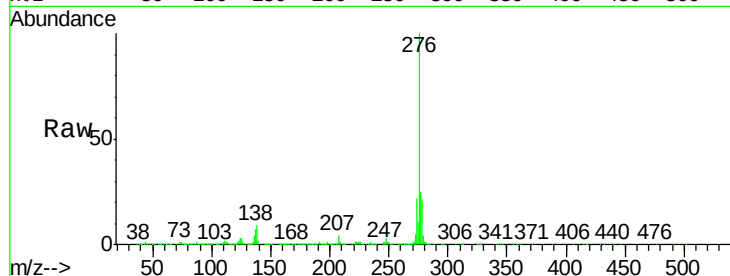
Time-->



#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.29 ng  
 RT: 29.32 min Scan# 4507  
 Delta R.T. 0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

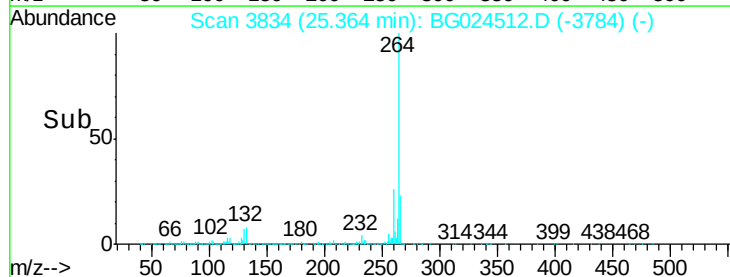
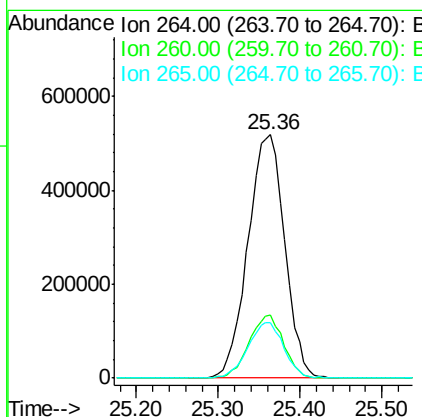
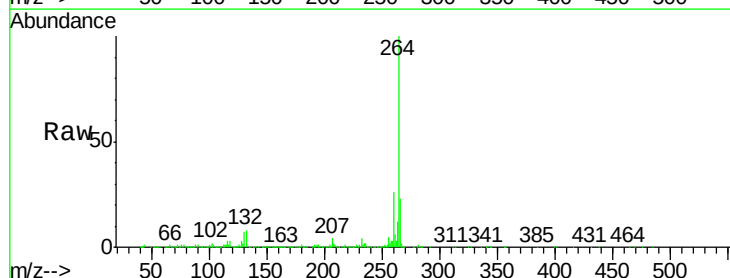
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

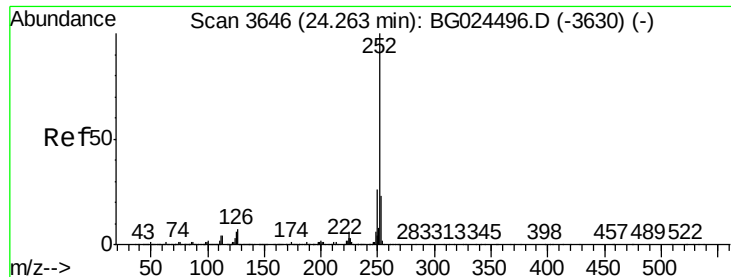
Tot Ion:276 Resp: 4319951  
 Ion Ratio Lower Upper  
 276 100  
 138 7.0 4.7 7.1  
 277 26.3 20.6 31.0



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.36 min Scan# 3834  
 Delta R.T. -0.00 min  
 Lab File: BG024512.D  
 Acq: 26 Oct 2016 13:32

Tgt Ion:264 Resp: 1617594  
 Ion Ratio Lower Upper  
 264 100  
 260 25.8 21.8 32.8  
 265 22.9 18.2 27.4

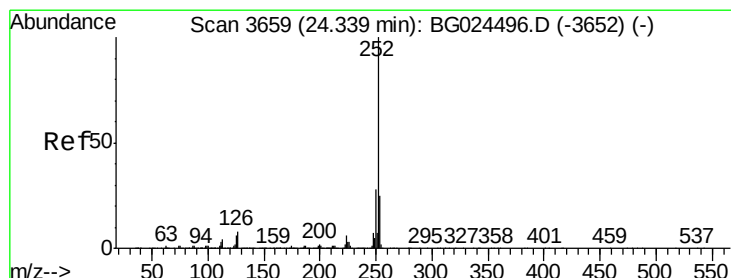
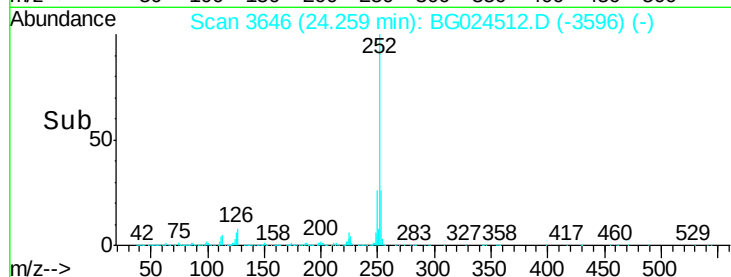
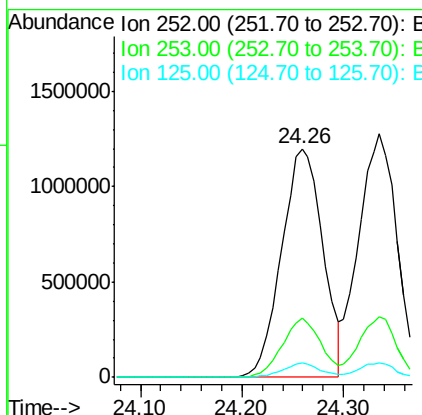
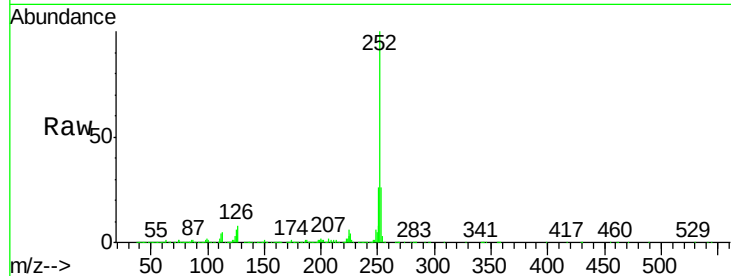




#87  
Benzo(b)fluoranthene  
Concen: 38.90 ng  
RT: 24.26 min Scan# 3646  
Delta R.T. -0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

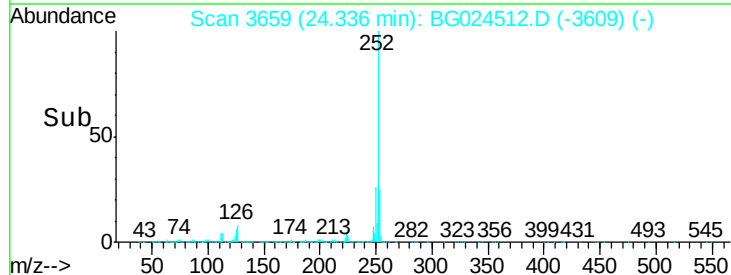
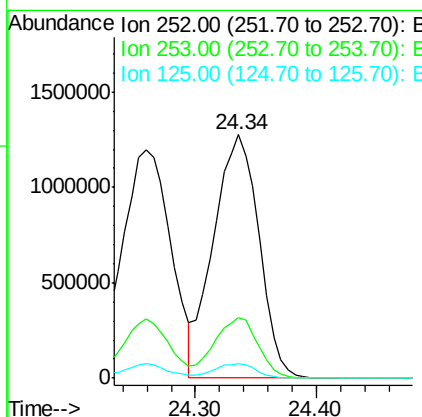
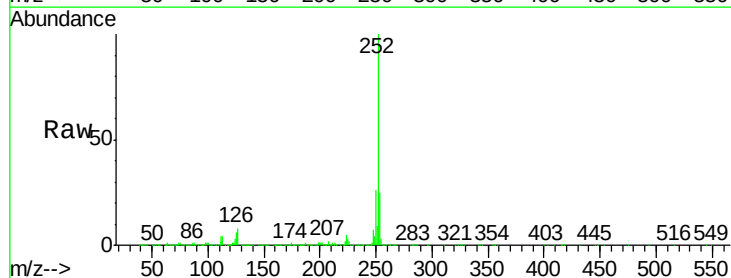
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 3401573  
Ion Ratio Lower Upper  
252 100  
253 25.8 18.7 28.1  
125 6.3 5.3 7.9

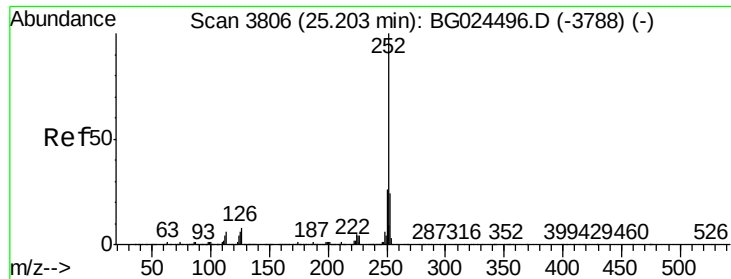


#88  
Benzo(k)fluoranthene  
Concen: 39.27 ng  
RT: 24.34 min Scan# 3659  
Delta R.T. -0.00 min  
Lab File: BG024512.D  
Acq: 26 Oct 2016 13:32

Tgt Ion:252 Resp: 3316361  
Ion Ratio Lower Upper  
252 100  
253 25.1 20.2 30.2  
125 5.9 5.1 7.7







#89

Benzo(a)pyrene

Concen: 39.86 ng

RT: 25.20 min Scan# 3806

Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

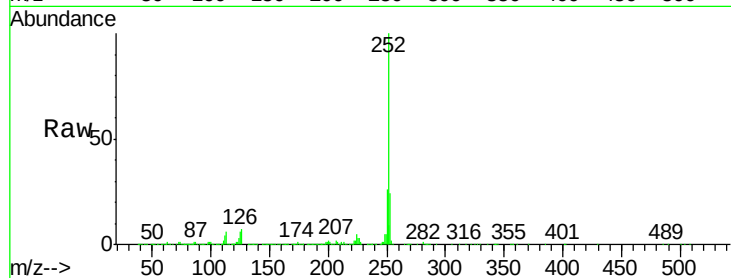
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 3405411

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.5  | 19.2  | 28.8  |
| 125 | 6.3   | 5.4   | 8.0   |

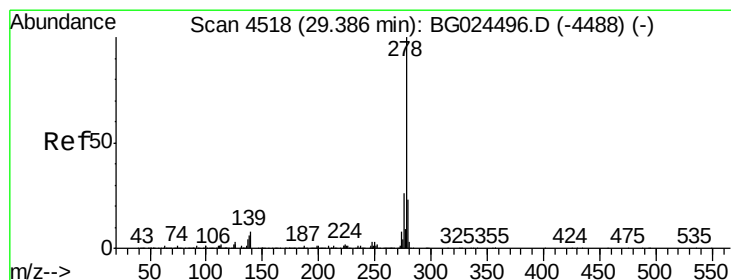
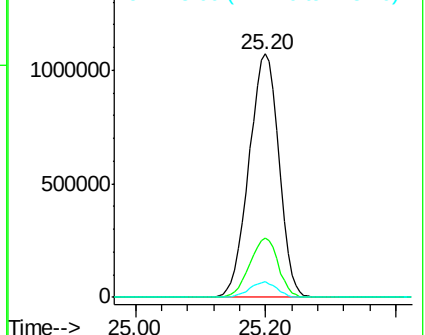
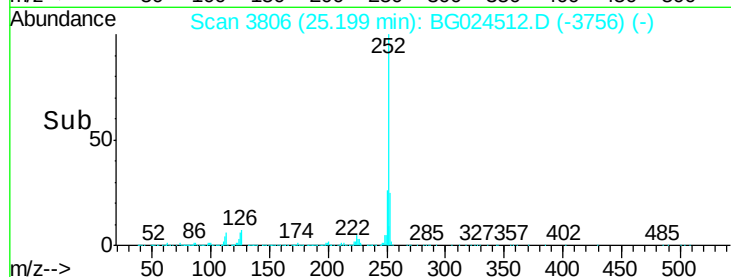


Abundance

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: 39.23 ng

RT: 29.38 min Scan# 4518

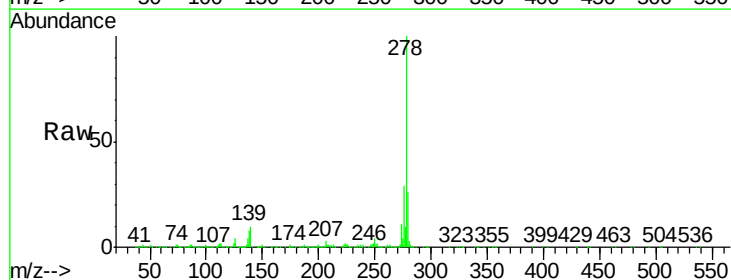
Delta R.T. -0.00 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Tgt Ion:278 Resp: 3679207

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 9.8   | 7.7   | 11.5  |
| 279 | 26.2  | 19.1  | 28.7  |

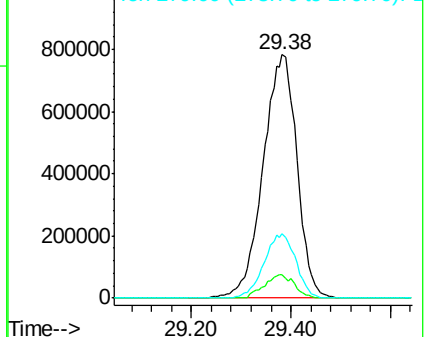
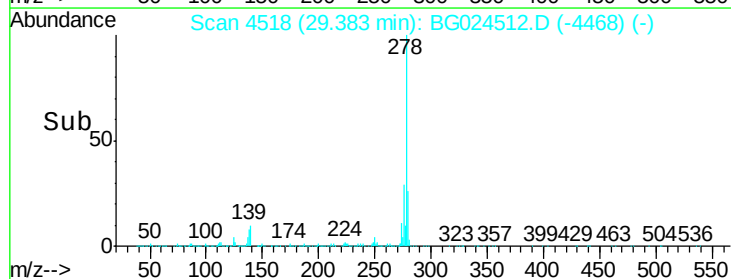


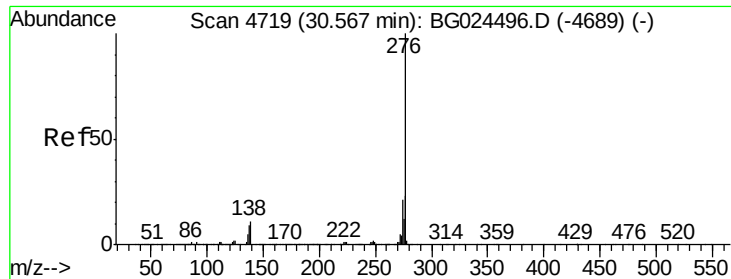
Abundance

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: 39.27 ng

RT: 30.56 min Scan# 4718

Delta R.T. -0.01 min

Lab File: BG024512.D

Acq: 26 Oct 2016 13:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

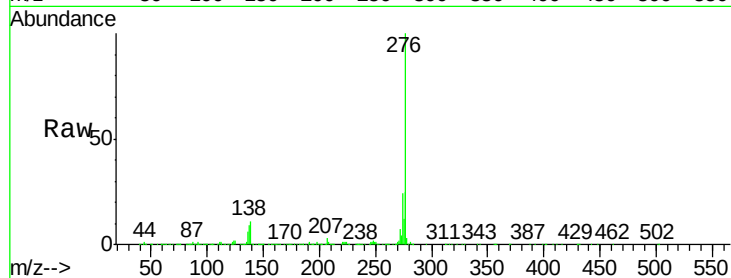
Tot Ion:276 Resp: 3679264

Ion Ratio Lower Upper

276 100

277 24.9 18.6 27.8

138 10.9 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

