

Data Path : Z:\HPCHEM1\BNA G\Data\BG110716\  
 Data File : BG024756.D  
 Acq On : 8 Nov 2016 12:53  
 Operator : UM/SJ  
 Sample : PB94569BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 08 15:07:41 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 | 8.260  | 152  | 83814    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.092 | 136  | 322805   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.876 | 164  | 274150   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.620 | 188  | 675295   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.921 | 240  | 924061   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.346 | 264  | 966173   | 20.00 | ng    | -0.02    |

|                             |        |     |         |       |    |       |
|-----------------------------|--------|-----|---------|-------|----|-------|
| System Monitoring Compounds |        |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.793  | 112 | 345375  | 67.54 | ng | 0.00  |
| 7) Phenol-d6                | 7.402  | 99  | 497766  | 70.96 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.435  | 82  | 605922  | 85.46 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 16.363 | 330 | 311503  | 76.06 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 13.501 | 172 | 1331730 | 80.74 | ng | -0.02 |
| 78) Terphenyl-d14           | 20.199 | 244 | 2674902 | 86.50 | ng | -0.02 |

|                               |        |     |        |       |    |        |
|-------------------------------|--------|-----|--------|-------|----|--------|
| Target Compounds              |        |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                | 3.654  | 88  | 71089  | 34.03 | ng | 92     |
| 3) Pyridine                   | 4.059  | 79  | 216608 | 34.63 | ng | 88     |
| 4) n-Nitrosodimethylamine     | 3.977  | 42  | 112811 | 34.84 | ng | 82     |
| 6) Aniline                    | 7.579  | 93  | 114955 | 12.94 | ng | 98     |
| 8) 2-Chlorophenol             | 7.820  | 128 | 208023 | 40.01 | ng | 98     |
| 9) Benzaldehyde               | 7.397  | 77  | 31441  | 7.25  | ng | 87     |
| 10) Phenol                    | 7.426  | 94  | 309510 | 42.80 | ng | 96     |
| 11) bis(2-Chloroethyl)ether   | 7.667  | 93  | 213049 | 39.22 | ng | 88     |
| 12) 1,3-Dichlorobenzene       | 8.143  | 146 | 239866 | 37.27 | ng | 94     |
| 13) 1,4-Dichlorobenzene       | 8.296  | 146 | 247549 | 38.94 | ng | 94     |
| 14) 1,2-Dichlorobenzene       | 8.619  | 146 | 242011 | 39.59 | ng | 97     |
| 15) Benzyl Alcohol            | 8.495  | 79  | 259063 | 39.70 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.783  | 45  | 355230 | 35.24 | ng | 93     |
| 17) 2-Methylphenol            | 8.689  | 107 | 208616 | 43.54 | ng | 95     |
| 18) Hexachloroethane          | 9.353  | 117 | 91474  | 37.43 | ng | 92     |
| 19) n-Nitroso-di-n-propyla... | 9.059  | 70  | 199319 | 38.56 | ng | 93     |
| 20) 3+4-Methylphenols         | 9.012  | 107 | 274805 | 42.72 | ng | 89     |
| 22) Acetophenone              | 9.089  | 105 | 342573 | 41.31 | ng | # 89   |
| 24) Nitrobenzene              | 9.476  | 77  | 306142 | 38.81 | ng | 98     |
| 25) Isophorone                | 9.994  | 82  | 537682 | 40.77 | ng | 98     |
| 26) 2-Nitrophenol             | 10.193 | 139 | 123072 | 42.04 | ng | 94     |
| 27) 2,4-Dimethylphenol        | 10.234 | 122 | 232263 | 45.32 | ng | 97     |
| 28) bis(2-Chloroethoxy)met... | 10.475 | 93  | 296241 | 43.41 | ng | 100    |
| 29) 2,4-Dichlorophenol        | 10.722 | 162 | 251014 | 46.66 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene    | 10.945 | 180 | 261367 | 40.96 | ng | 96     |
| 31) Naphthalene               | 11.139 | 128 | 645689 | 40.10 | ng | 98     |
| 32) Benzoic acid              | 10.334 | 122 | 112453 | 26.35 | ng | 94     |
| 33) 4-Chloroaniline           | 11.239 | 127 | 76212  | 10.90 | ng | # 90   |
| 34) Hexachlorobutadiene       | 11.404 | 225 | 206379 | 41.32 | ng | 98     |
| 35) Caprolactam               | 12.003 | 113 | 69488  | 35.28 | ng | # 85   |
| 36) 4-Chloro-3-methylphenol   | 12.338 | 107 | 295439 | 45.49 | ng | # 92   |
| 37) 2-Methylnaphthalene       | 12.726 | 142 | 496905 | 42.29 | ng | 97     |
| 39) 1,2,4,5-Tetrachloroben... | 13.084 | 216 | 346480 | 37.47 | ng | 97     |
| 40) Hexachlorocyclopentadiene | 13.055 | 237 | 488359 | 93.79 | ng | 92     |

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 ALS Vial : 8 Sample Multiplier: 1

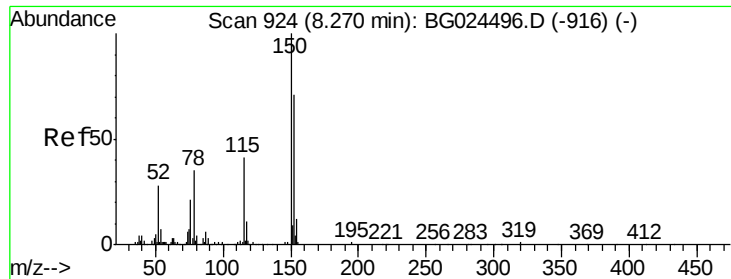
Instrument :  
 BNA\_G  
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Quant Time: Nov 08 15:07:41 2016  
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| Internal Standards            | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol     | 13.319 | 196  | 235288   | 42.33 | nq    | 95       |
| 43) 2,4,5-Trichlorophenol     | 13.395 | 196  | 254419   | 42.34 | nq    | # 91     |
| 45) 1,1'-Biphenyl             | 13.713 | 154  | 711488   | 37.40 | nq    | 94       |
| 46) 2-Chloronaphthalene       | 13.766 | 162  | 566706   | 39.12 | nq    | 99       |
| 47) 2-Nitroaniline            | 13.965 | 65   | 233220   | 39.32 | nq    | 93       |
| 48) Acenaphthylene            | 14.606 | 152  | 858867   | 38.66 | nq    | 99       |
| 49) Dimethylphthalate         | 14.318 | 163  | 789308   | 40.55 | nq    | 97       |
| 50) 2,6-Dinitrotoluene        | 14.453 | 165  | 173065   | 41.65 | nq    | 93       |
| 51) Acenaphthene              | 14.947 | 154  | 572044   | 34.54 | nq    | 98       |
| 52) 3-Nitroaniline            | 14.782 | 138  | 69849    | 16.25 | nq    | # 96     |
| 53) 2,4-Dinitrophenol         | 14.988 | 184  | 250792   | 83.30 | nq    | 99       |
| 54) Dibenzofuran              | 15.276 | 168  | 942167   | 41.15 | nq    | 99       |
| 55) 4-Nitrophenol             | 15.076 | 139  | 318363   | 84.99 | nq    | # 89     |
| 56) 2,4-Dinitrotoluene        | 15.234 | 165  | 264785   | 43.86 | nq    | # 95     |
| 57) Fluorene                  | 15.922 | 166  | 761654   | 40.12 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.493 | 232  | 290934   | 46.70 | nq    | # 91     |
| 59) Diethylphthalate          | 15.669 | 149  | 833421   | 40.84 | nq    | 98       |
| 60) 4-Chlorophenyl-phenyle... | 15.904 | 204  | 437497   | 41.07 | nq    | 97       |
| 61) 4-Nitroaniline            | 15.945 | 138  | 185760   | 39.55 | nq    | # 79     |
| 62) Azobenzene                | 16.198 | 77   | 826147   | 40.60 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylph... | 15.992 | 198  | 185165   | 39.80 | nq    | 98       |
| 65) n-Nitrosodiphenylamine    | 16.122 | 169  | 717208   | 38.85 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether | 16.797 | 248  | 324889   | 39.63 | nq    | 93       |
| 67) Hexachlorobenzene         | 16.921 | 284  | 362486   | 40.02 | nq    | # 87     |
| 68) Atrazine                  | 17.056 | 200  | 345365   | 43.61 | nq    | 99       |
| 69) Pentachlorophenol         | 17.262 | 266  | 419954   | 70.26 | nq    | 95       |
| 70) Phenanthrene              | 17.667 | 178  | 1379272  | 40.07 | nq    | 96       |
| 71) Anthracene                | 17.755 | 178  | 1411603  | 40.65 | nq    | 100      |
| 72) Carbazole                 | 18.025 | 167  | 1275518  | 40.28 | nq    | 98       |
| 73) Di-n-butylphthalate       | 18.548 | 149  | 1534191  | 42.01 | nq    | 97       |
| 74) Fluoranthene              | 19.659 | 202  | 1857393  | 42.69 | nq    | 97       |
| 76) Benzidine                 | 19.835 | 184  | 547076   | 25.13 | nq    | 96       |
| 77) Pyrene                    | 20.023 | 202  | 1857721  | 41.13 | nq    | 99       |
| 79) Butylbenzylphthalate      | 20.881 | 149  | 768952   | 40.83 | nq    | 96       |
| 80) Benzo(a)anthracene        | 21.897 | 228  | 2043600  | 40.26 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine    | 21.803 | 252  | 350747   | 17.13 | nq    | 99       |
| 82) Chrysene                  | 21.968 | 228  | 1917090  | 39.65 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phtha... | 21.756 | 149  | 1041170  | 38.65 | nq    | 100      |
| 84) Di-n-octyl phthalate      | 23.031 | 149  | 1774974  | 39.70 | nq    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene    | 29.294 | 276  | 2531792  | 37.94 | nq    | # 99     |
| 87) Benzo(b)fluoranthene      | 24.318 | 252  | 2021554  | 38.71 | nq    | 99       |
| 88) Benzo(k)fluoranthene      | 24.318 | 252  | 2021554  | 40.08 | nq    | 97       |
| 89) Benzo(a)pyrene            | 25.182 | 252  | 2024036  | 39.66 | nq    | 100      |
| 90) Dibenzo(a,h)anthracene    | 29.359 | 278  | 2128566  | 38.00 | nq    | 98       |
| 91) Benzo(g,h,i)perylene      | 30.534 | 276  | 2123029  | 37.94 | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.260 min Scan# 92

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

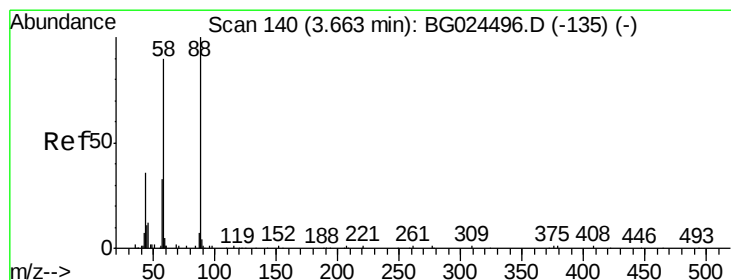
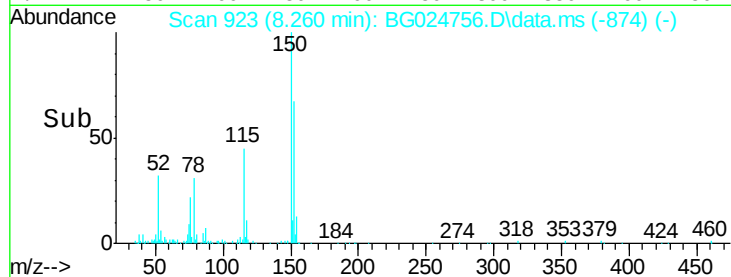
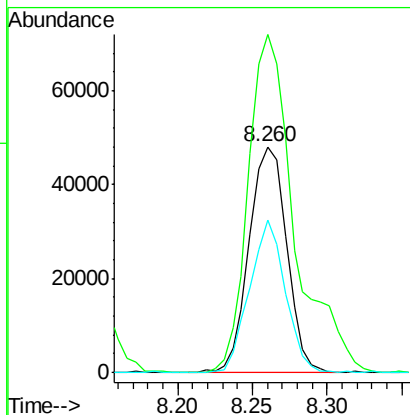
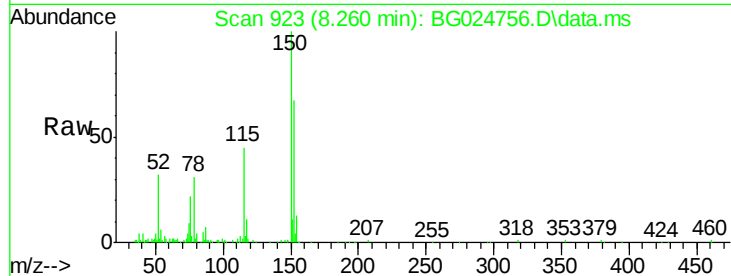
Tot Ion:152 Resp: 83814

Ion Ratio Lower Upper

152 100

150 150.0 114.0 171.0

115 67.8 48.1 72.1



#2

1,4-Dioxane

Concen: 34.03 ng

RT: 3.654 min Scan# 139

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

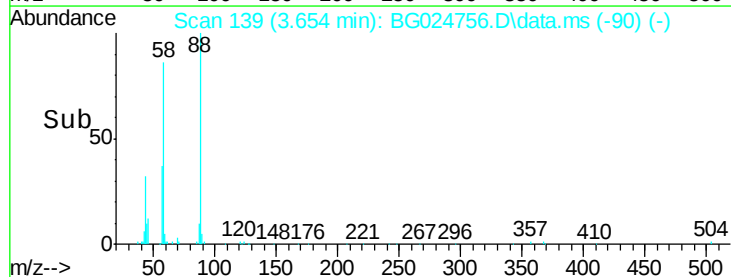
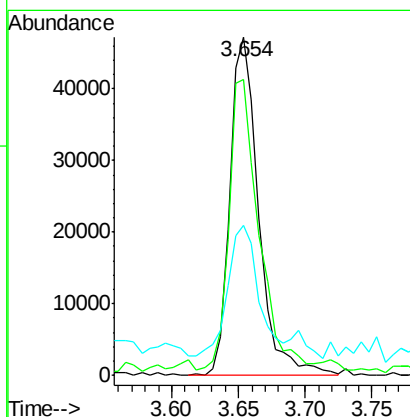
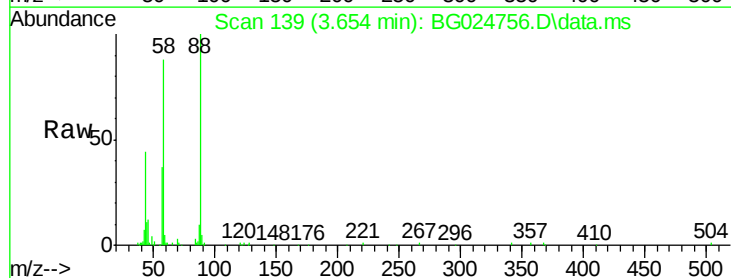
Tgt Ion: 88 Resp: 71089

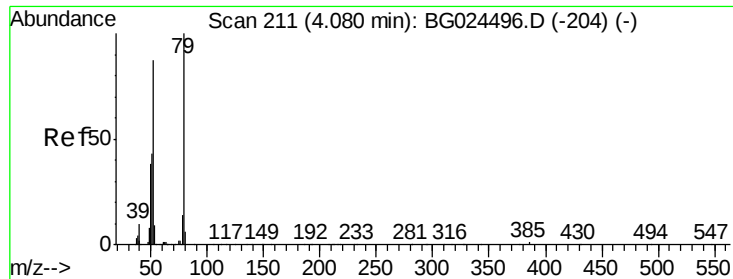
Ion Ratio Lower Upper

88 100

58 89.5 79.4 119.2

43 40.7 33.8 50.6

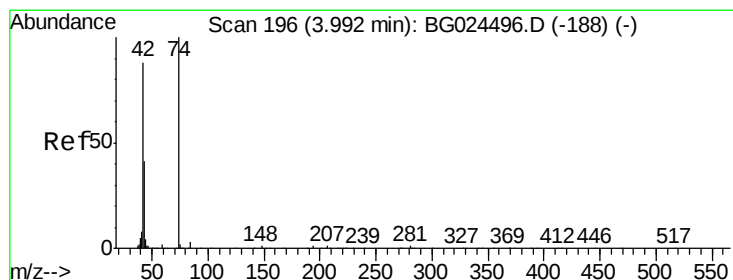
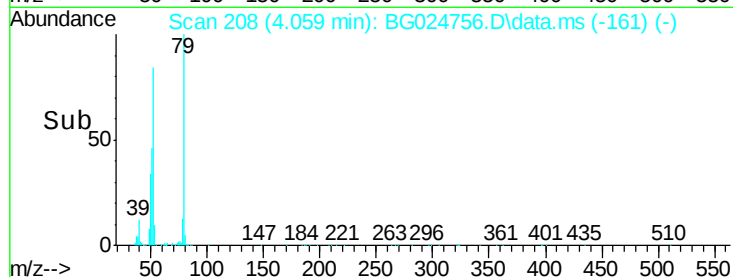
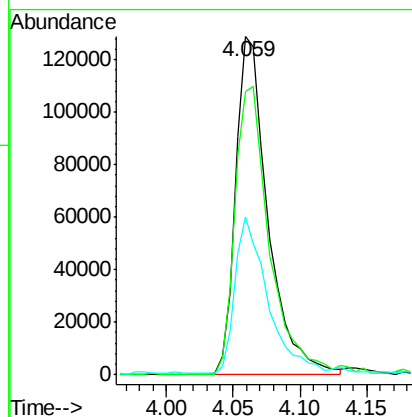
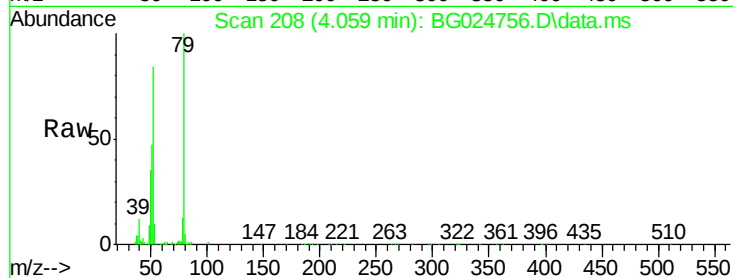




#3  
 Pvridine  
 Concen: 34.63 ng  
 RT: 4.059 min Scan# 20  
 Delta R.T. -0.021 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

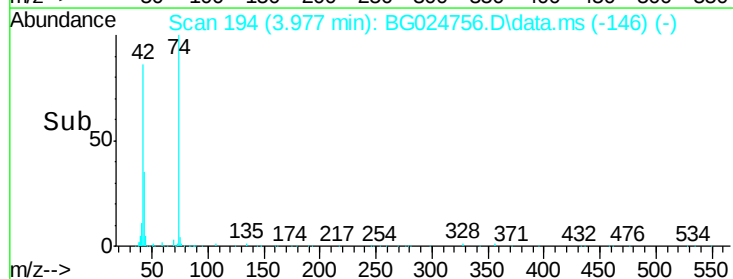
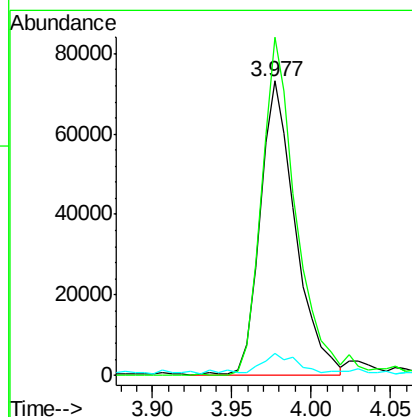
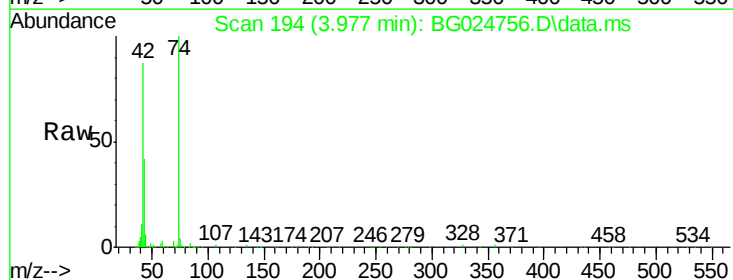
Instrument :  
 BNA\_G  
 ClientSampleId :

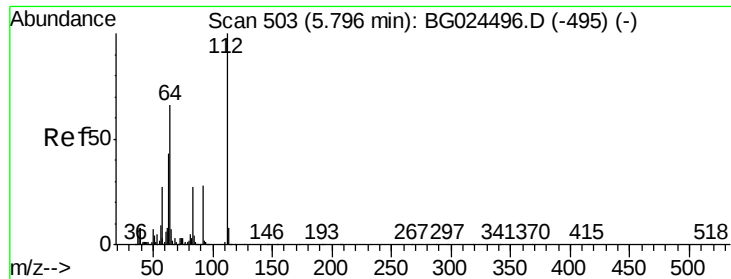
Tot Ion: 79 Resp: 216608  
 Ion Ratio Lower Upper  
 79 100  
 52 83.7 77.8 116.6  
 51 46.8 43.2 64.8



#4  
 n-Nitrosodimethylamine  
 Concen: 34.84 ng  
 RT: 3.977 min Scan# 194  
 Delta R.T. -0.015 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

Tgt Ion: 42 Resp: 112811  
 Ion Ratio Lower Upper  
 42 100  
 74 115.0 76.7 115.1  
 44 7.3 6.1 9.1





#5

2-Fluorophenol

Concen: 67.54 ng

RT: 5.793 min Scan# 50

Delta R.T. -0.003 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

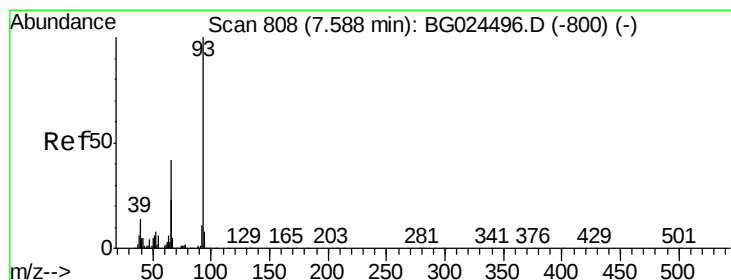
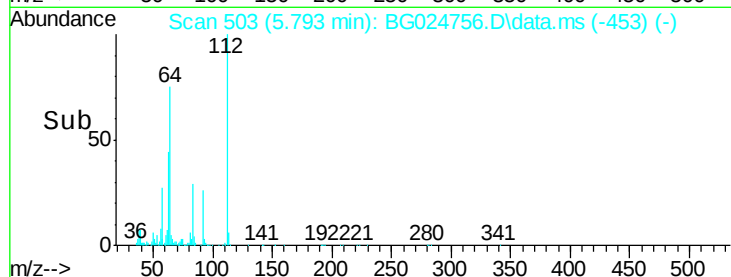
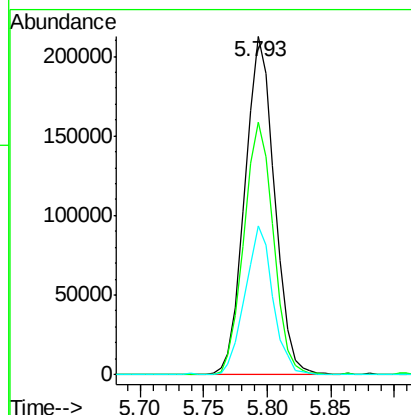
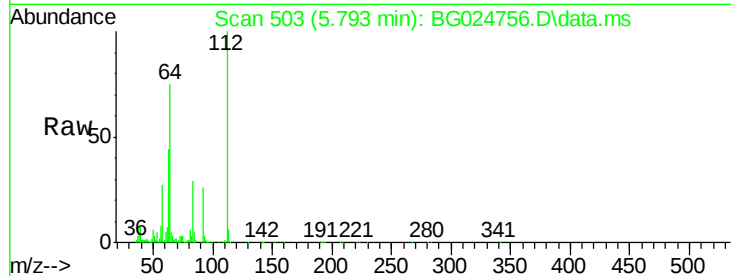
Tot Ion:112 Resp: 345375

Ion Ratio Lower Upper

112 100

64 74.8 61.8 92.6

63 44.0 37.2 55.8



#6

Aniline

Concen: 12.94 ng

RT: 7.579 min Scan# 807

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

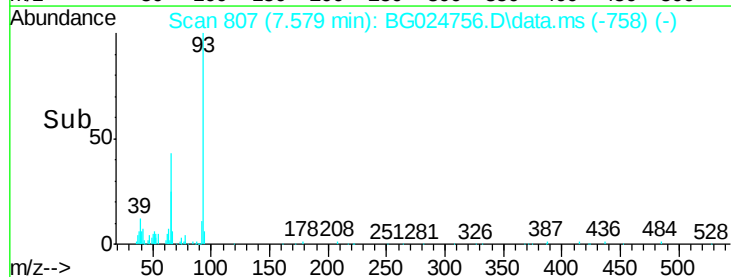
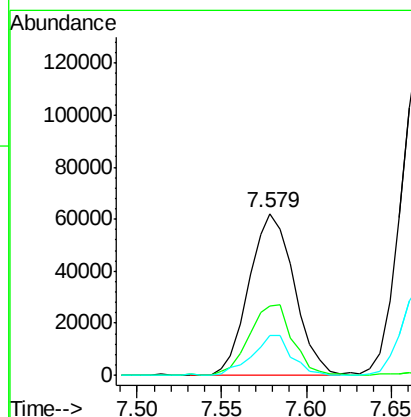
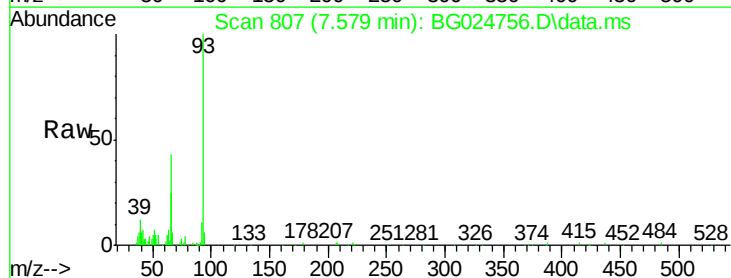
Tgt Ion: 93 Resp: 114955

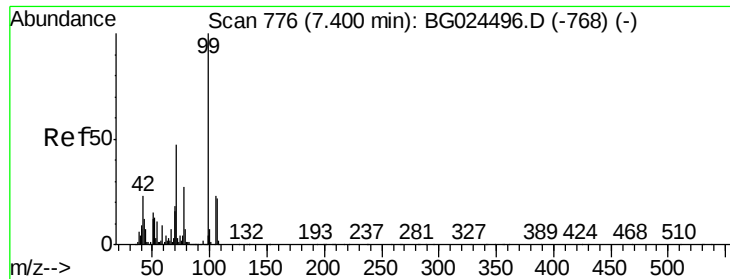
Ion Ratio Lower Upper

93 100

66 43.2 35.4 53.2

65 24.7 21.2 31.8





#7

Phenol-d6

Concen: 70.96 ng

RT: 7.402 min Scan# 77

Delta R.T. 0.002 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

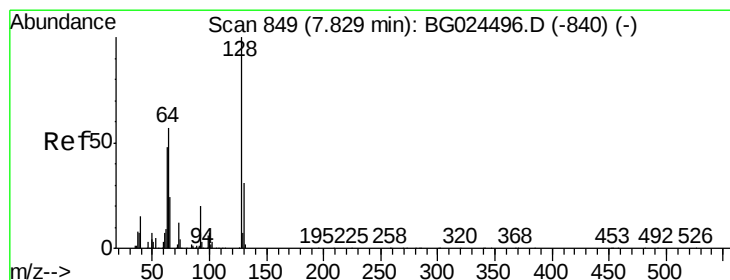
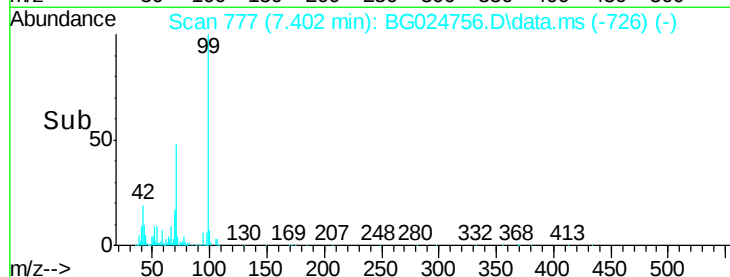
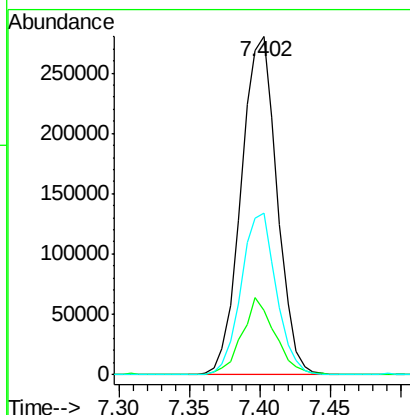
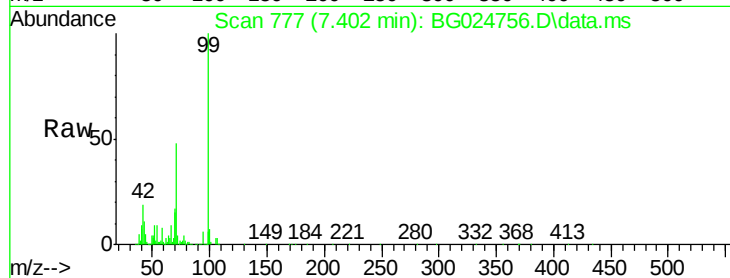
Tot Ion: 99 Resp: 497766

Ion Ratio Lower Upper

99 100

42 18.9 20.5 30.7#

71 47.7 37.6 56.4



#8

2-Chlorophenol

Concen: 40.01 ng

RT: 7.820 min Scan# 848

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

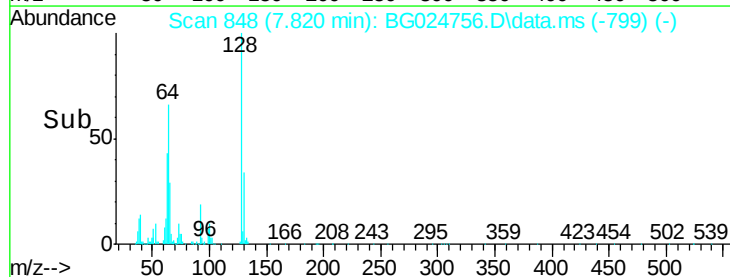
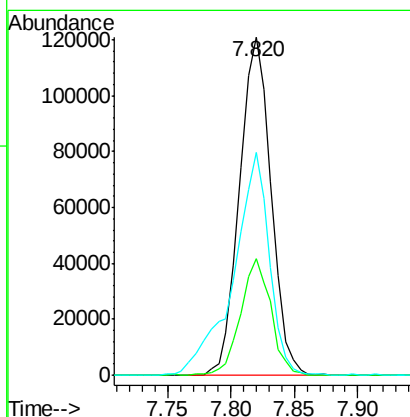
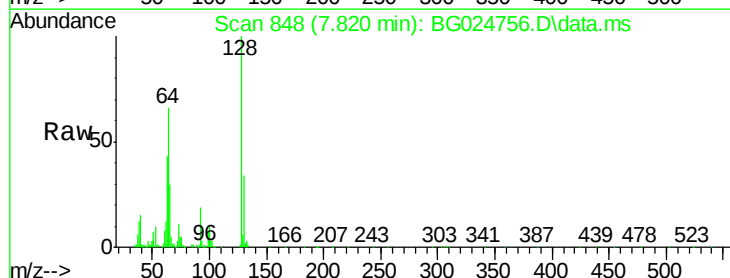
Tgt Ion: 128 Resp: 208023

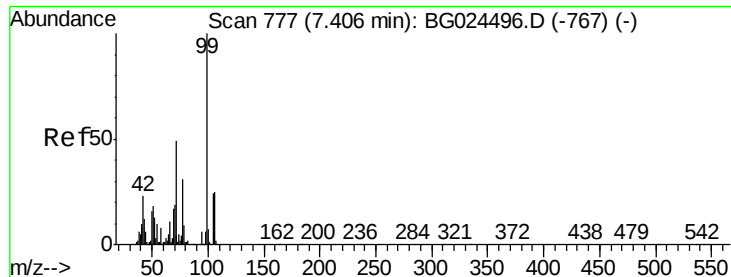
Ion Ratio Lower Upper

128 100

130 34.4 11.4 51.4

64 65.7 46.6 86.6





#9

Benzaldehyde

Concen: 7.25 ng

RT: 7.397 min Scan# 77

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampled :

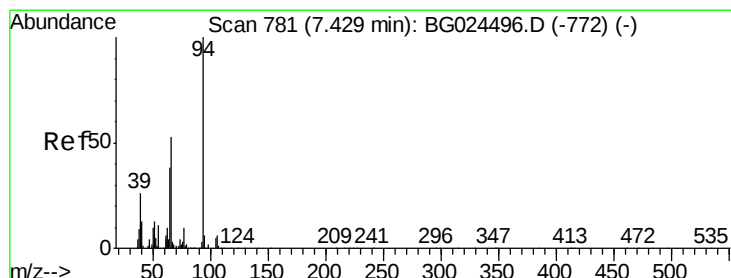
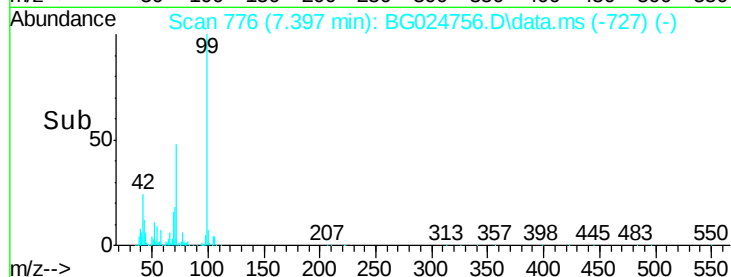
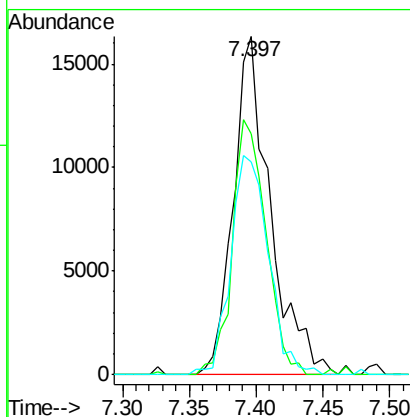
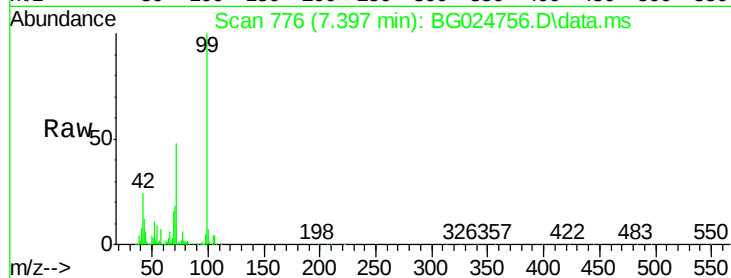
Tot Ion: 77 Resp: 31441

Ion Ratio Lower Upper

77 100

105 71.3 60.9 100.9

106 62.9 55.1 95.1



#10

Phenol

Concen: 42.80 ng

RT: 7.426 min Scan# 781

Delta R.T. -0.003 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

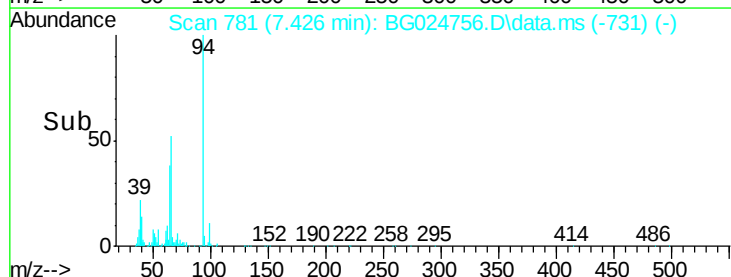
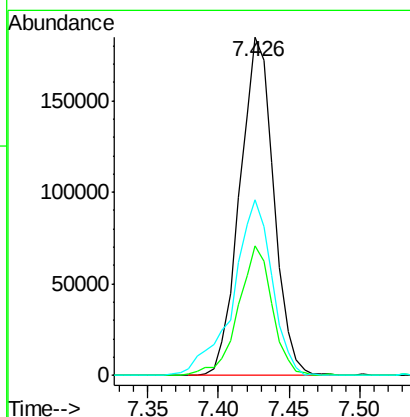
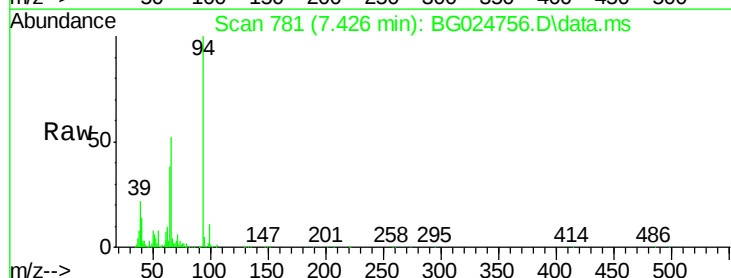
Tgt Ion: 94 Resp: 309510

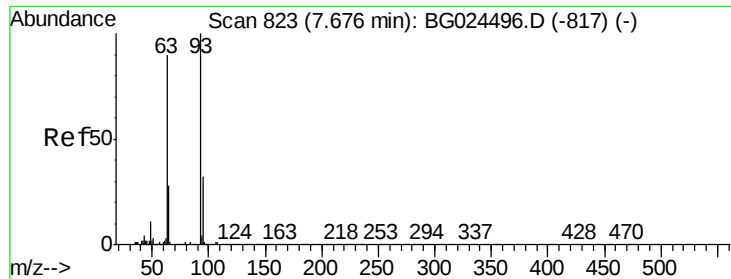
Ion Ratio Lower Upper

94 100

65 38.5 20.6 60.6

66 52.0 35.5 75.5

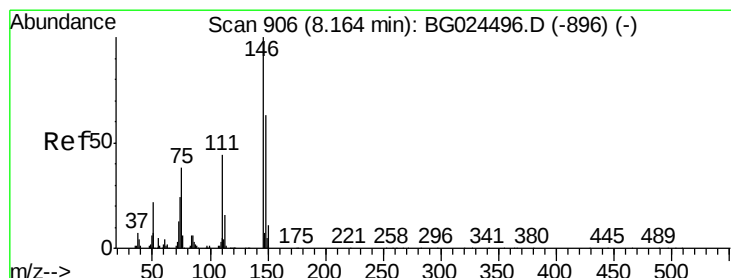
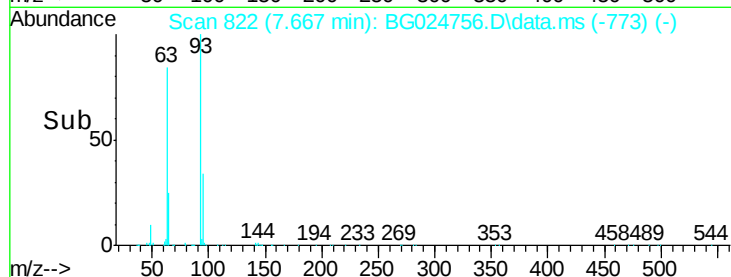
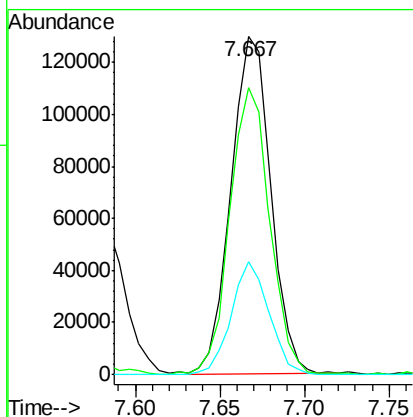
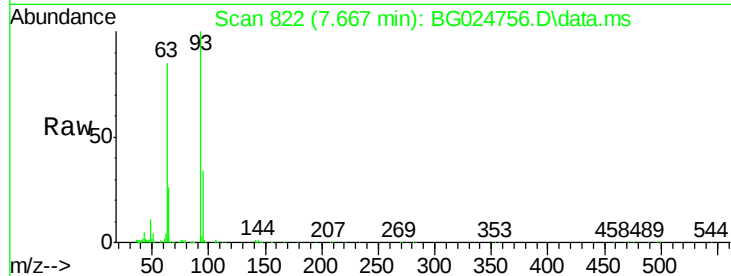




#11  
bis(2-Chloroethyl)ether  
Concen: 39.22 ng  
RT: 7.667 min Scan# 82  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

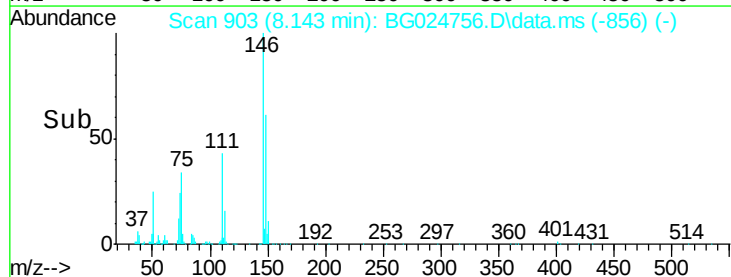
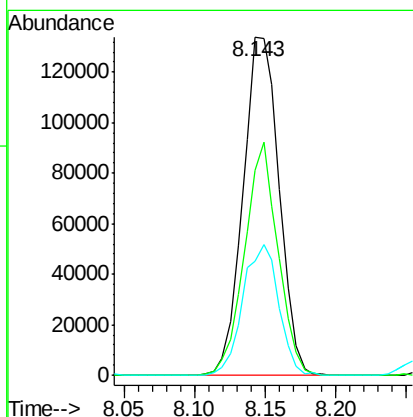
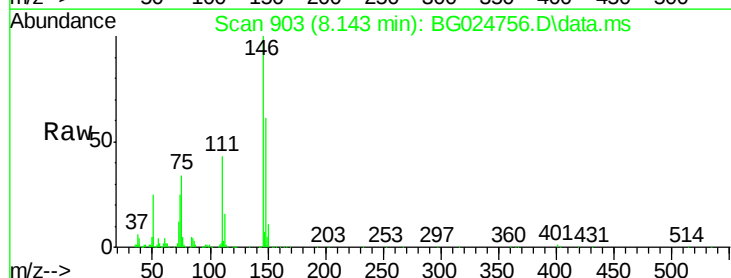
Instrument :  
BNA\_G  
ClientSampleId :

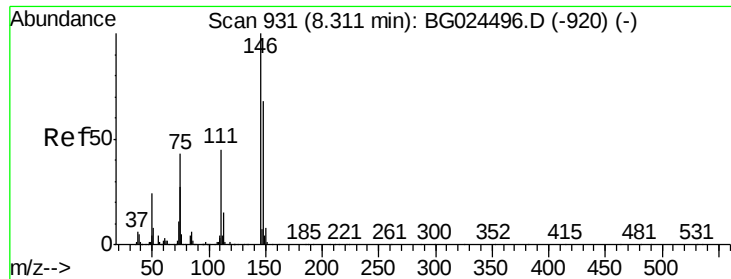
| Tot Ion   | 93    | Resp  | 213049 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 84.7  | 78.5  | 118.5  |
| 95        | 33.5  | 9.8   | 49.8   |



#12  
1,3-Dichlorobenzene  
Concen: 37.27 ng  
RT: 8.143 min Scan# 903  
Delta R.T. -0.021 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

| Tgt Ion   | 146   | Resp  | 239866 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 60.8  | 49.2  | 73.8   |
| 75        | 33.9  | 33.4  | 50.2   |





#13

1,4-Dichlorobenzene

Concen: 38.94 ng

RT: 8.296 min Scan# 92

Delta R.T. -0.015 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

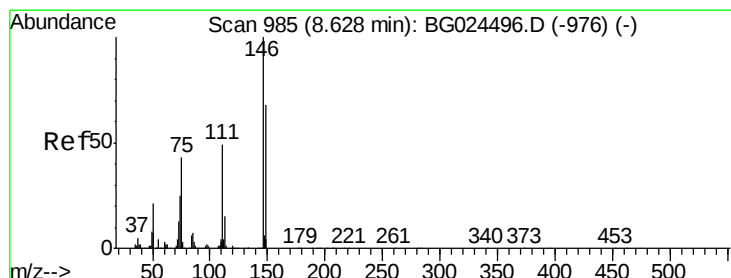
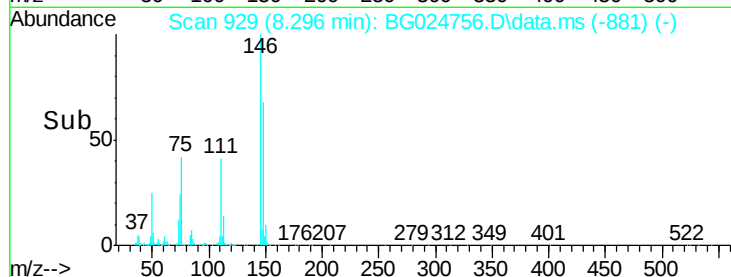
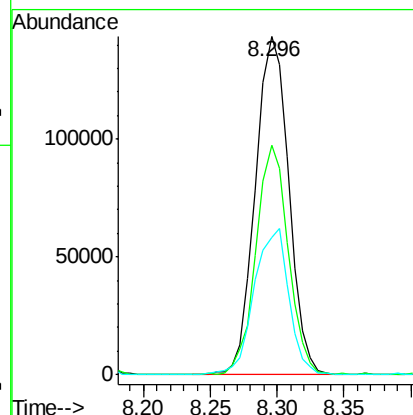
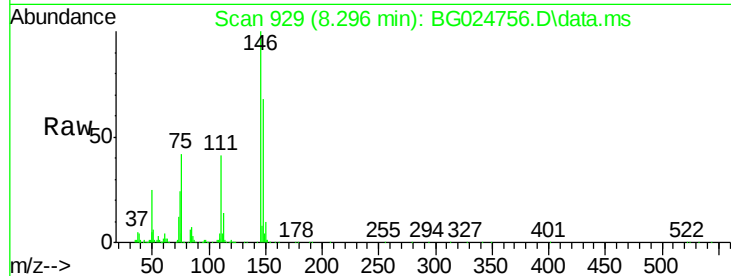
Tot Ion:146 Resp: 247549

Ion Ratio Lower Upper

146 100

148 68.0 52.2 78.2

111 40.7 37.0 55.6



#14

1,2-Dichlorobenzene

Concen: 39.59 ng

RT: 8.619 min Scan# 984

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

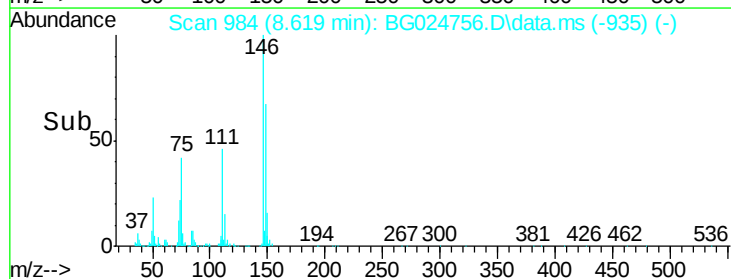
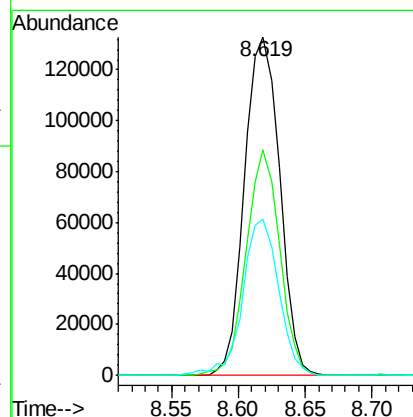
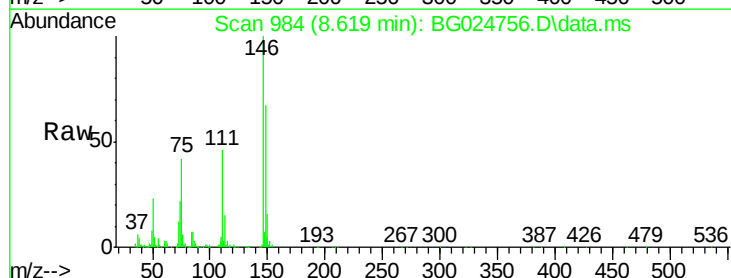
Tgt Ion:146 Resp: 242011

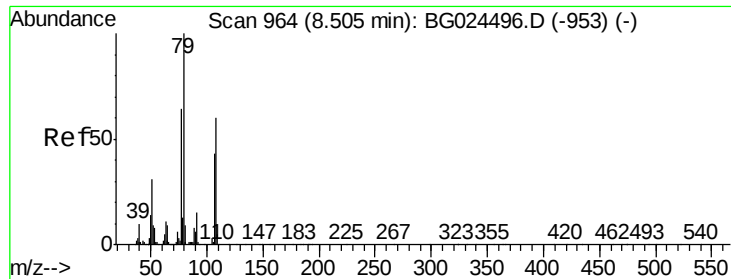
Ion Ratio Lower Upper

146 100

148 66.8 54.6 81.8

111 46.4 39.7 59.5





#15

Benzyl Alcohol

Concen: 39.70 ng

RT: 8.495 min Scan# 96

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

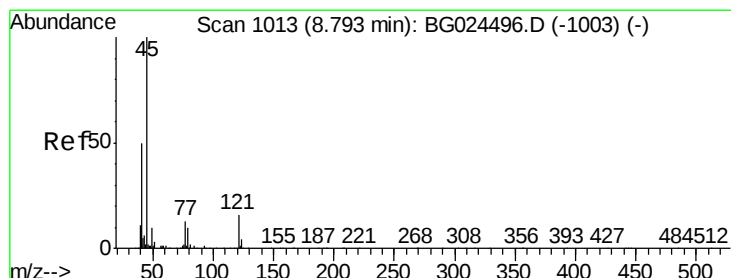
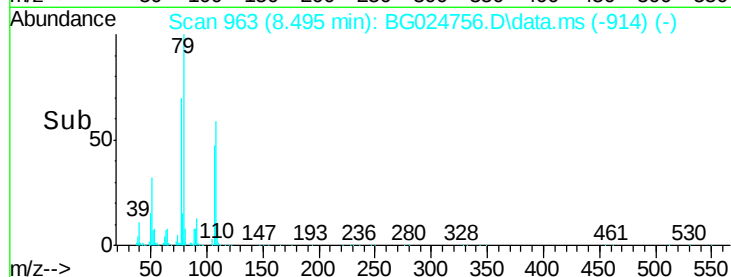
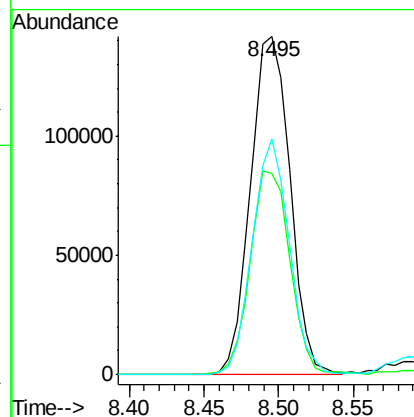
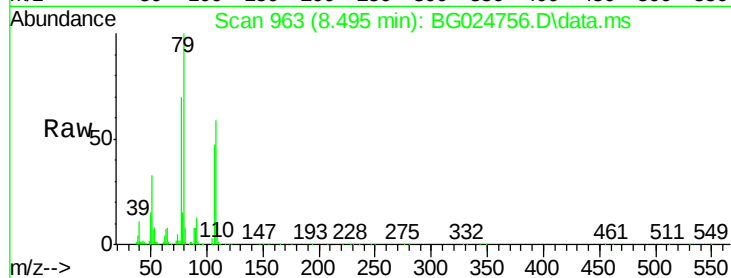
Tot Ion: 79 Resp: 259063

Ion Ratio Lower Upper

79 100

108 59.5 45.5 68.3

77 69.8 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.24 ng

RT: 8.783 min Scan# 1012

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

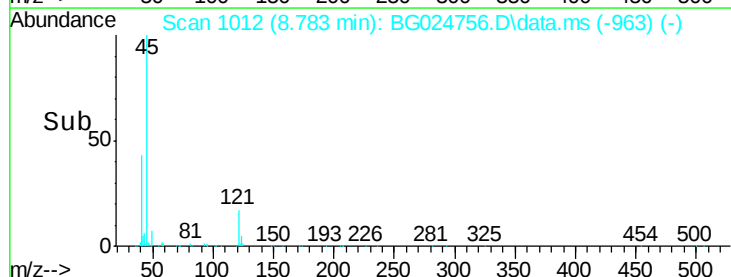
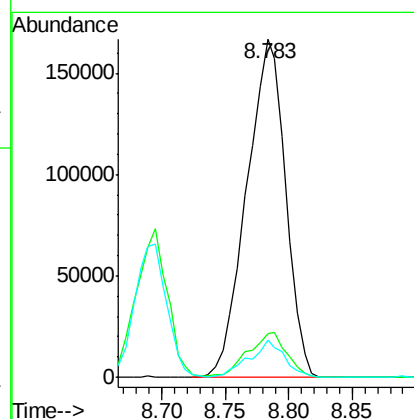
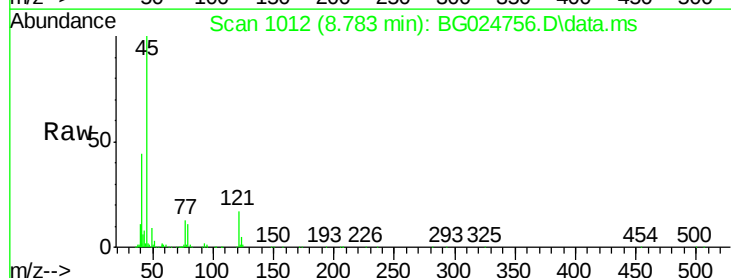
Tgt Ion: 45 Resp: 355230

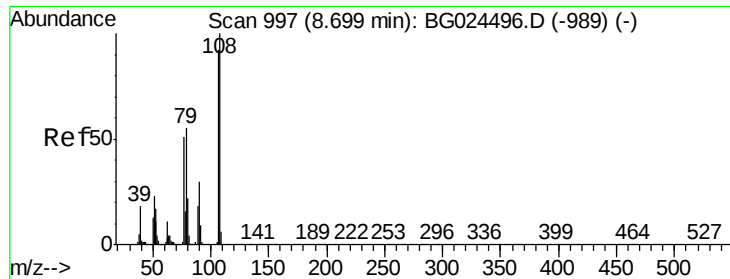
Ion Ratio Lower Upper

45 100

77 12.8 0.0 30.6

79 11.2 0.0 28.5

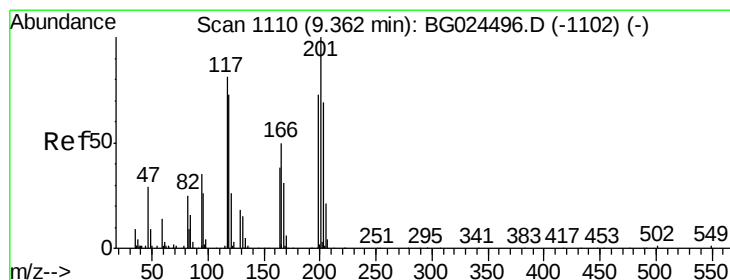
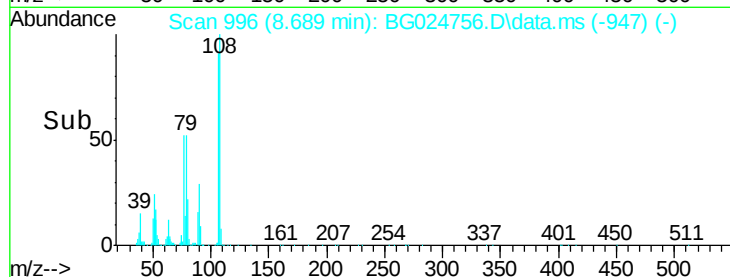
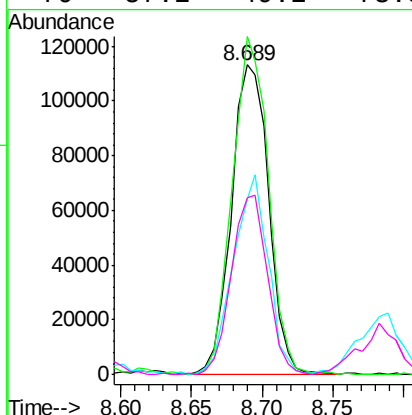
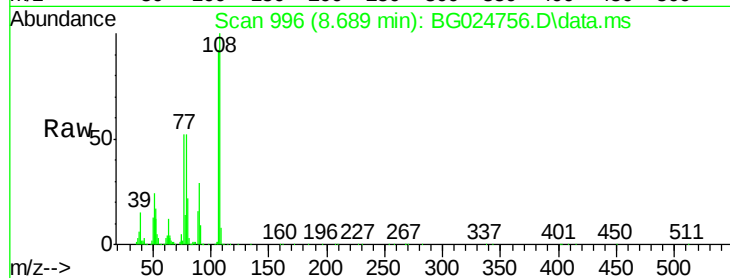




#17  
2-Methylphenol  
Concen: 43.54 ng  
RT: 8.689 min Scan# 99  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

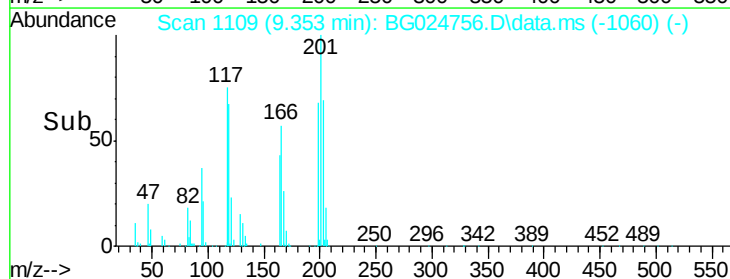
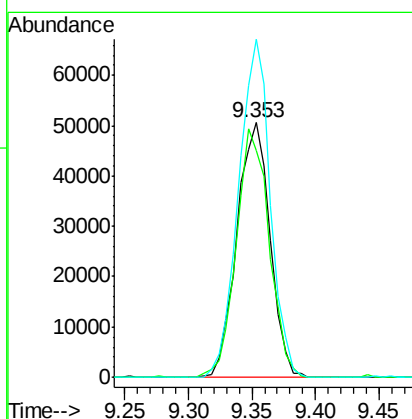
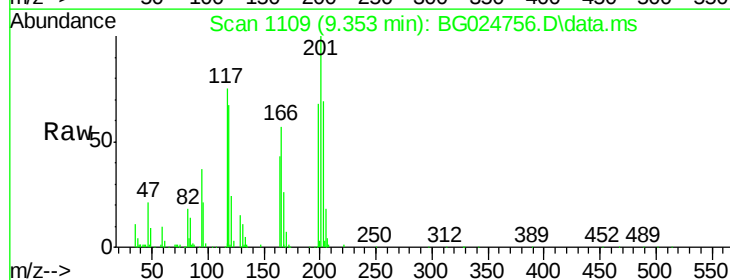
Instrument :  
BNA\_G  
ClientSampleId :

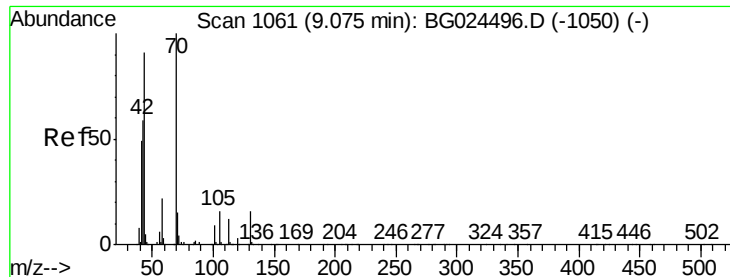
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 109.2 | 85.6  | 128.4 |
| 77      | 56.6  | 51.4  | 77.2  |
| 79      | 57.2  | 49.2  | 73.8  |



#18  
Hexachloroethane  
Concen: 37.43 ng  
RT: 9.353 min Scan# 1109  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 89.2  | 69.8  | 104.6 |
| 201     | 132.7 | 95.4  | 143.0 |

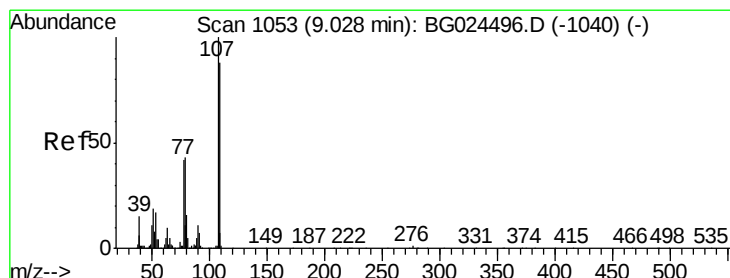
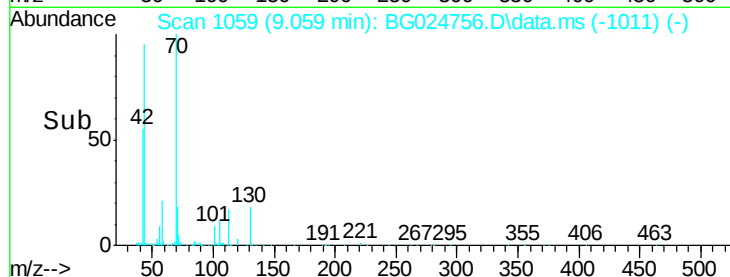
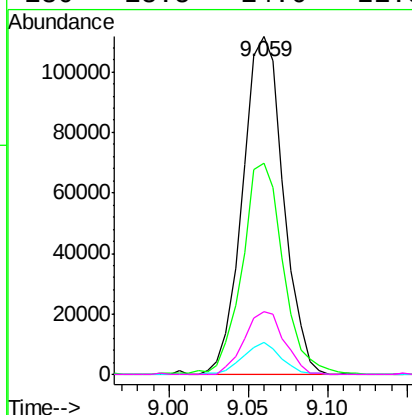
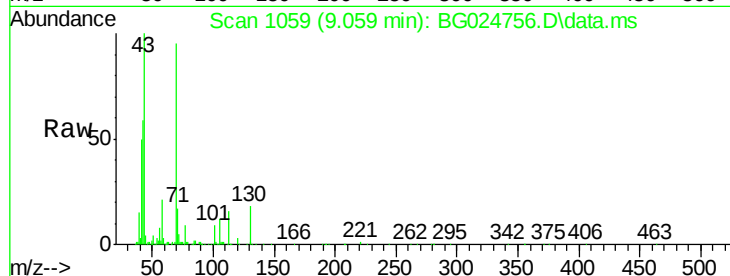




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.56 ng  
RT: 9.059 min Scan# 10  
Delta R.T. -0.015 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

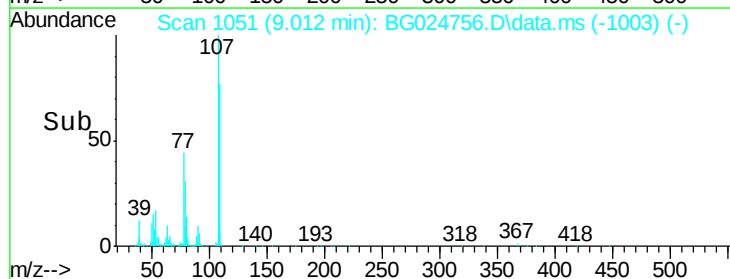
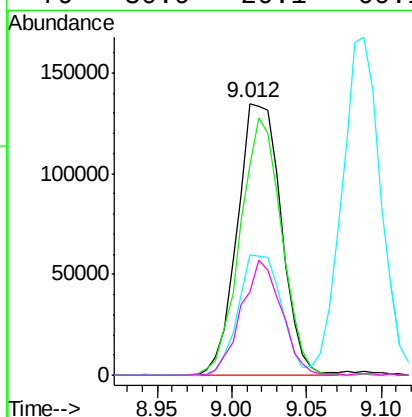
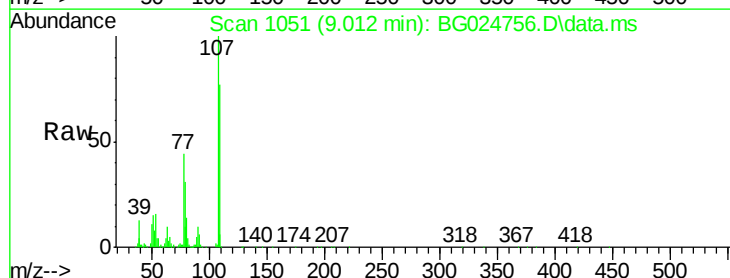
Instrument :  
BNA\_G  
ClientSampleId :

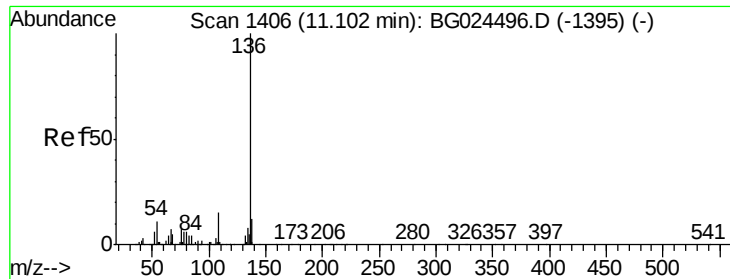
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 62.6  | 56.1  | 84.1  |
| 101     | 9.4   | 7.5   | 11.3  |
| 130     | 18.5  | 14.6  | 21.8  |



#20  
3+4-Methylphenols  
Concen: 42.72 ng  
RT: 9.012 min Scan# 1051  
Delta R.T. -0.015 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 77.2  | 70.8  | 110.8 |
| 77      | 44.4  | 25.8  | 65.8  |
| 79      | 30.9  | 20.1  | 60.1  |

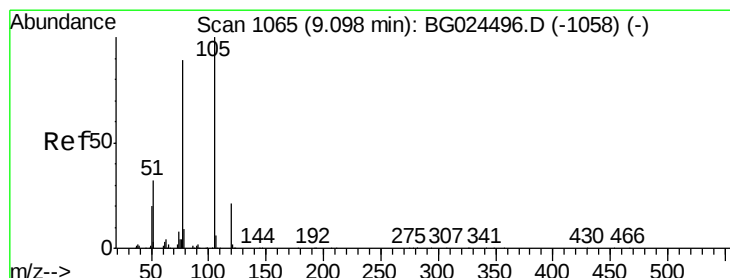
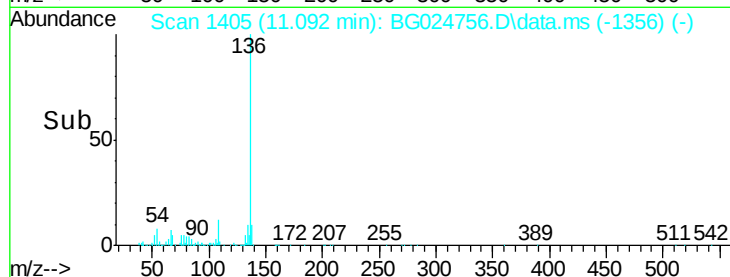
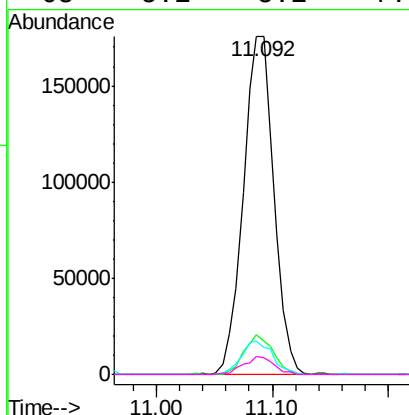
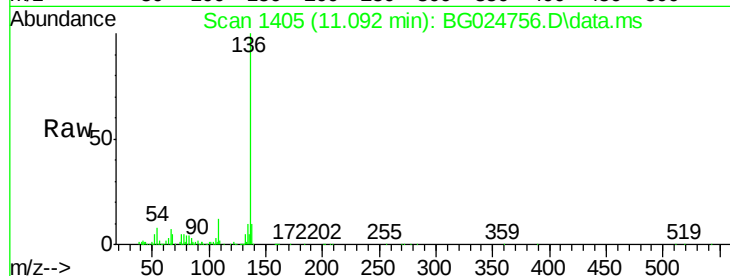




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.092 min Scan# 1406  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

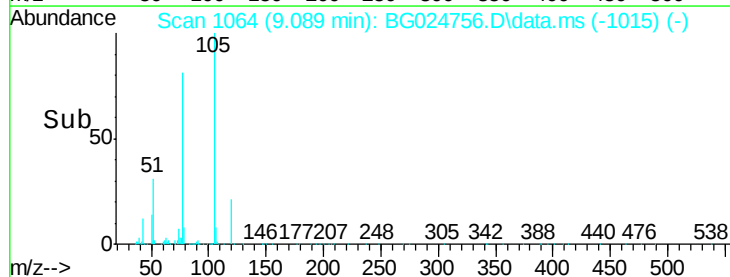
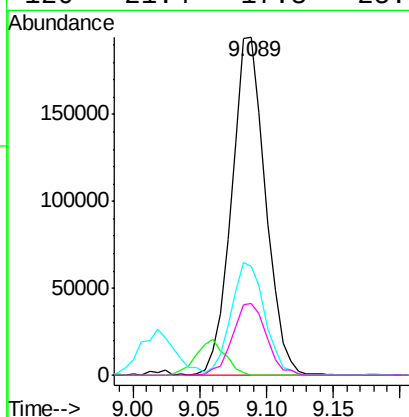
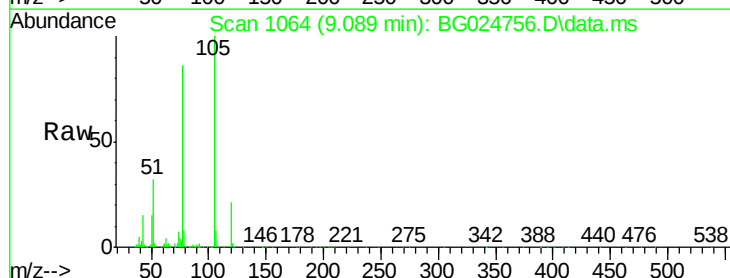
Instrument :  
BNA\_G  
ClientSampleId :

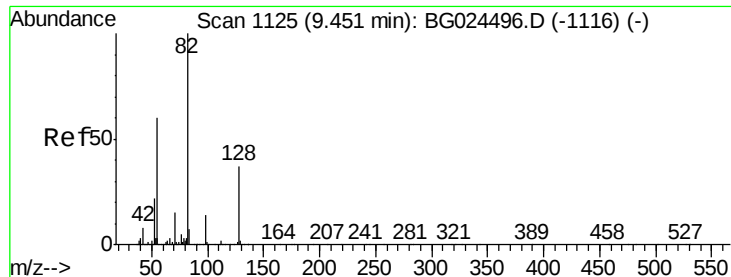
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 136   | Resp: | 322805 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 9.8   | 8.9   | 13.3   |
| 54        | 8.1   | 9.3   | 13.9#  |
| 68        | 5.1   | 5.1   | 7.7    |



#22  
Acetophenone  
Concen: 41.31 ng  
RT: 9.089 min Scan# 1064  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 342573 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 0.1   | 0.9   | 1.3#   |
| 51        | 32.3  | 34.0  | 51.0#  |
| 120       | 21.4  | 17.3  | 25.9   |





#23

Nitrobenzene-d5

Concen: 85.46 ng

RT: 9.435 min Scan# 11

Delta R.T. -0.015 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

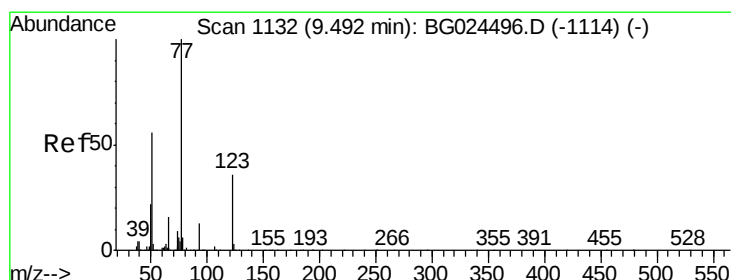
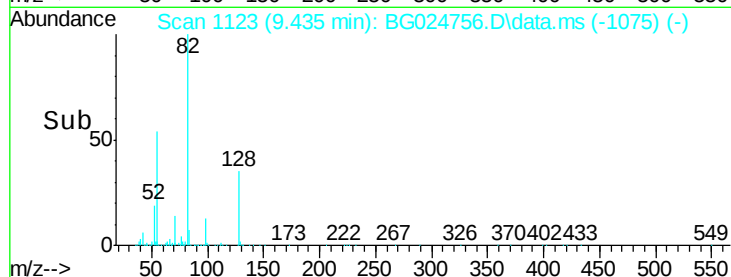
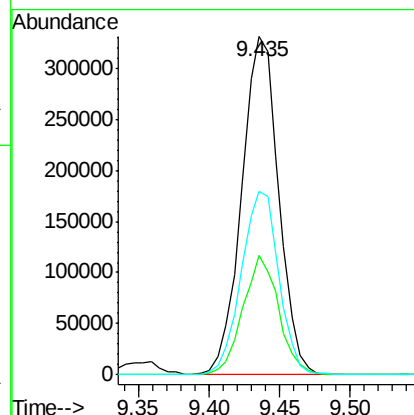
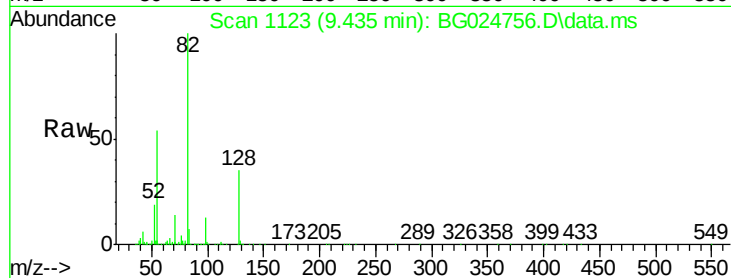
Tot Ion: 82 Resp: 605922

Ion Ratio Lower Upper

82 100

128 35.2 26.4 39.6

54 54.3 49.4 74.2



#24

Nitrobenzene

Concen: 38.81 ng

RT: 9.476 min Scan# 1130

Delta R.T. -0.015 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

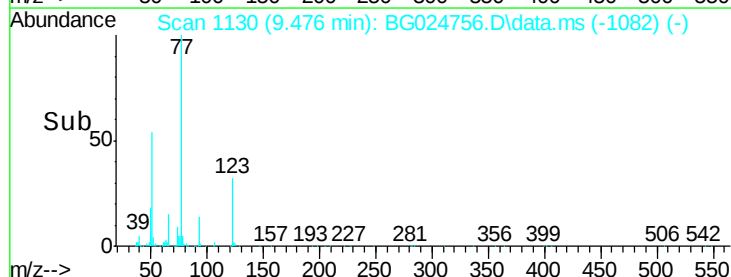
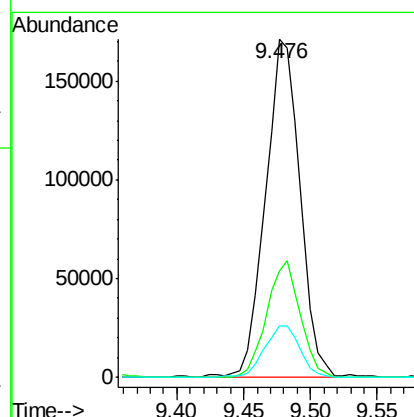
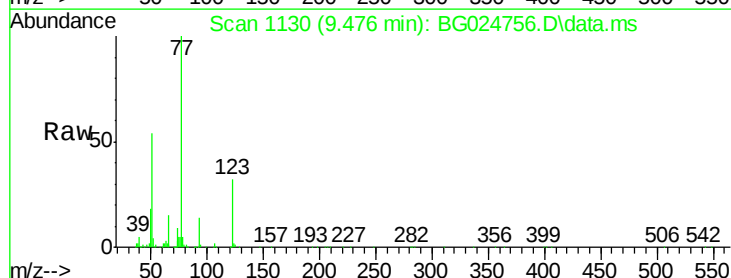
Tgt Ion: 77 Resp: 306142

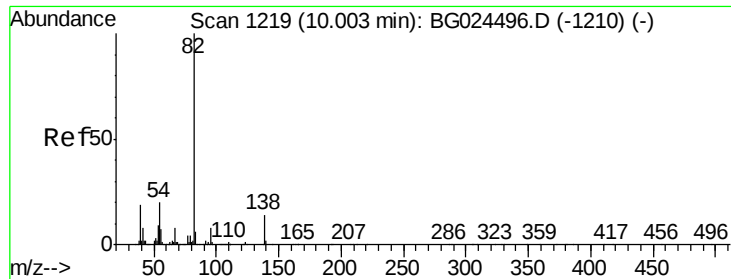
Ion Ratio Lower Upper

77 100

123 31.6 26.1 39.1

65 15.1 12.4 18.6





#25

Isophorone

Concen: 40.77 ng

RT: 9.994 min Scan# 1219

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

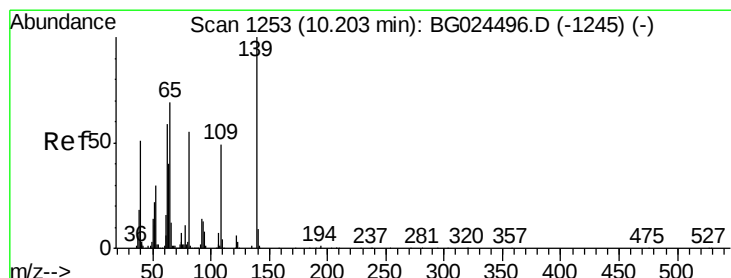
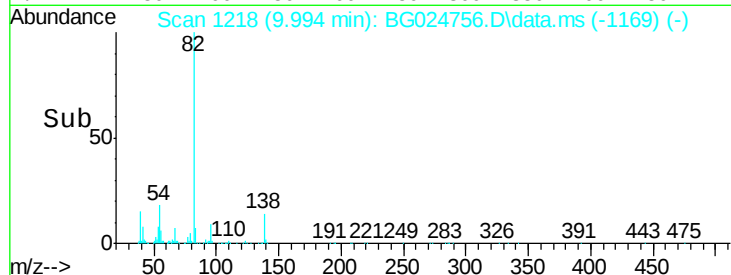
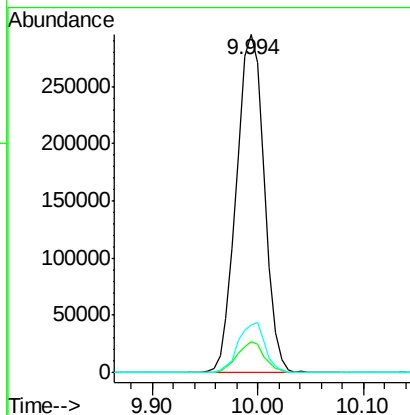
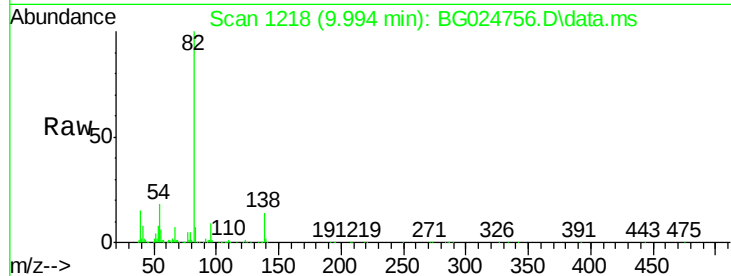
Tot Ion: 82 Resp: 537682

Ion Ratio Lower Upper

82 100

95 9.1 7.5 11.3

138 14.2 12.3 18.5



#26

2-Nitrophenol

Concen: 42.04 ng

RT: 10.193 min Scan# 1252

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

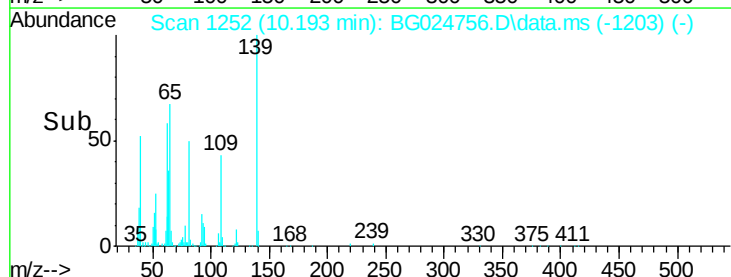
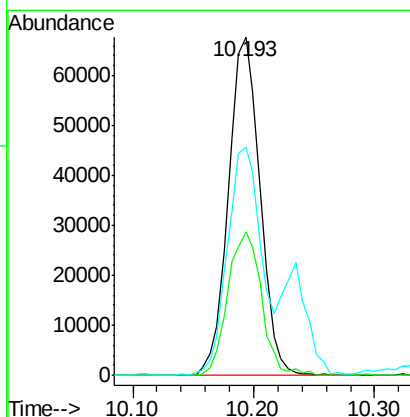
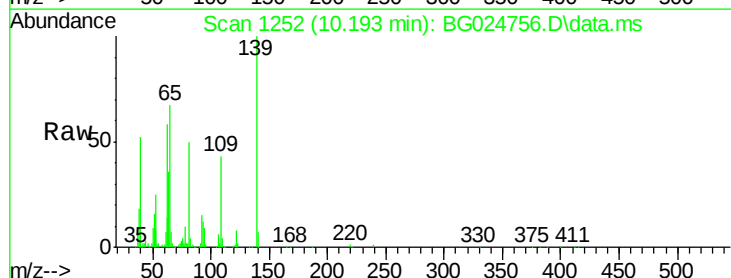
Tgt Ion: 139 Resp: 123072

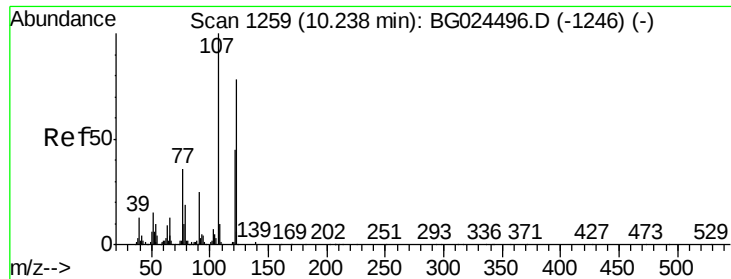
Ion Ratio Lower Upper

139 100

109 42.5 38.6 58.0

65 67.4 57.1 85.7

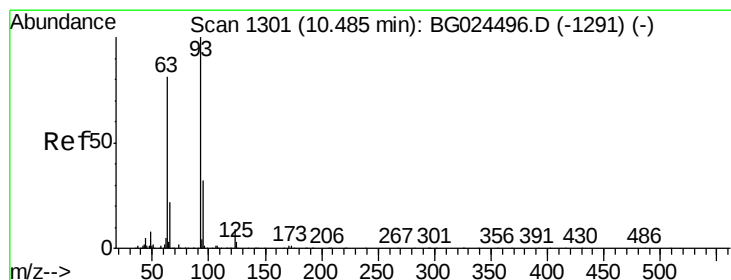
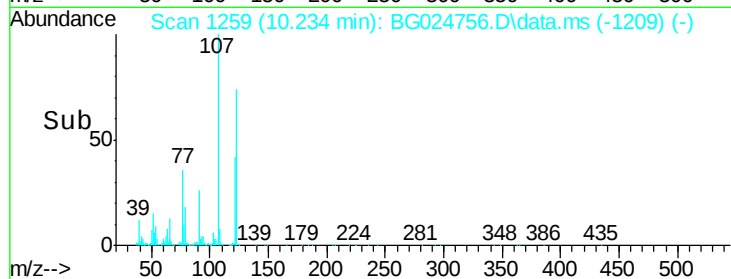
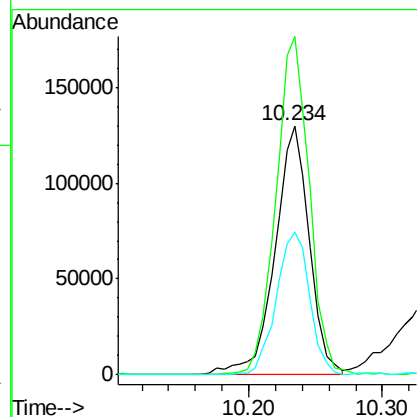
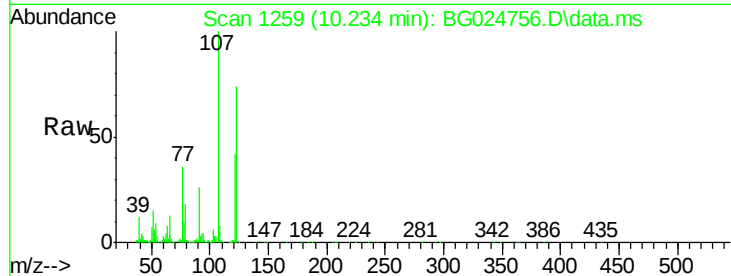




#27  
 2,4-Dimethylphenol  
 Concen: 45.32 ng  
 RT: 10.234 min Scan# 12  
 Delta R.T. -0.004 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

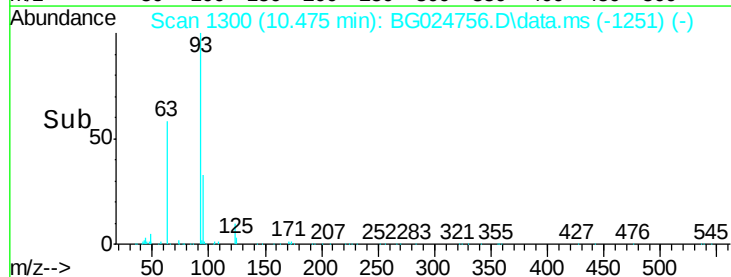
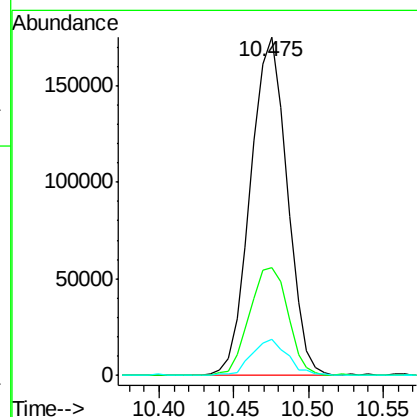
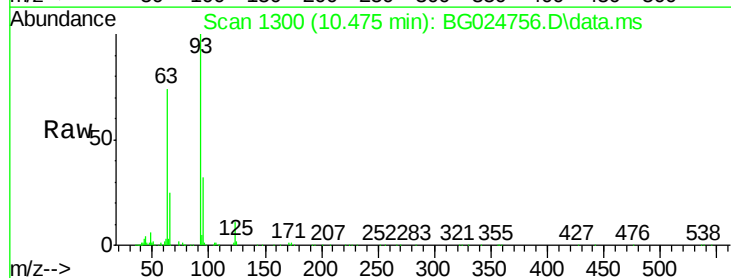
Instrument :  
 BNA\_G  
 ClientSampleId :

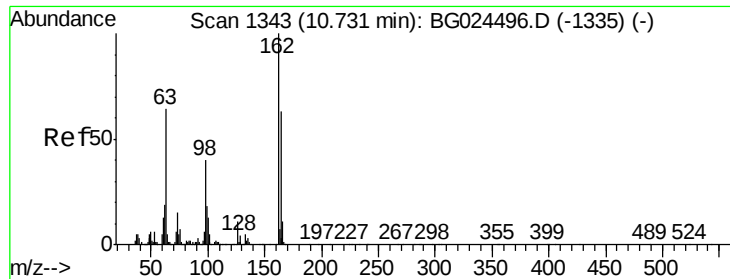
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 135.8 | 104.2 | 156.4 |
| 121     | 57.0  | 46.0  | 69.0  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.41 ng  
 RT: 10.475 min Scan# 1300  
 Delta R.T. -0.009 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.0  | 25.7  | 38.5  |
| 123     | 10.7  | 8.3   | 12.5  |

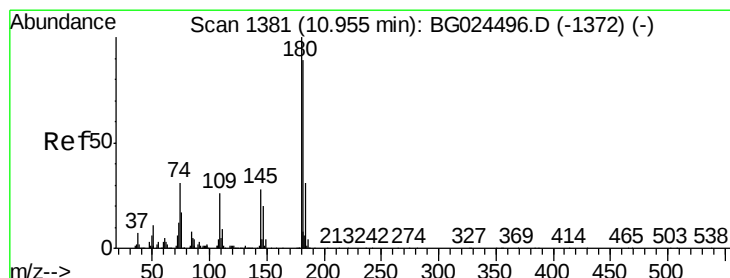
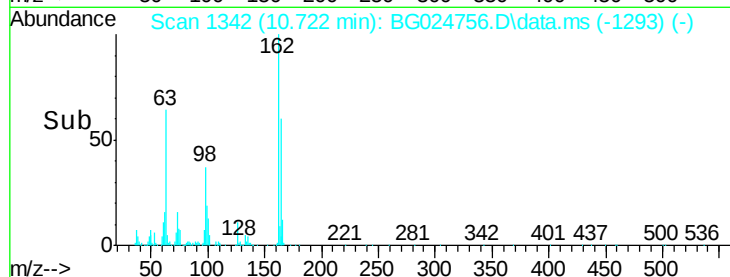
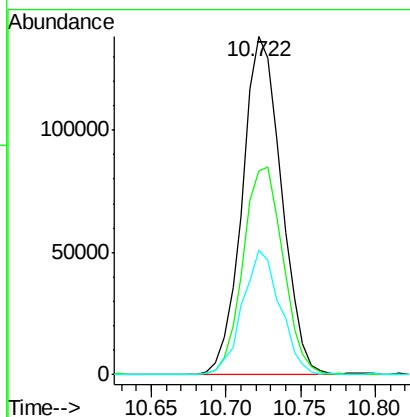
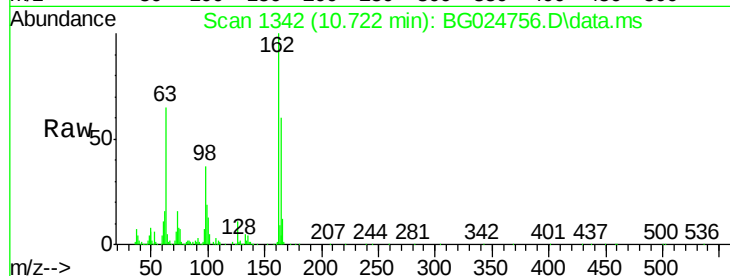




#29  
 2,4-Dichlorophenol  
 Concen: 46.66 ng  
 RT: 10.722 min Scan# 1343  
 Delta R.T. -0.009 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

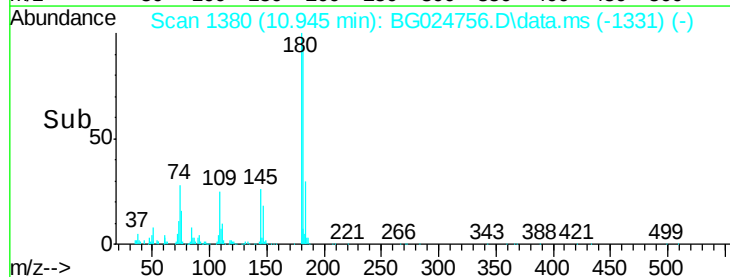
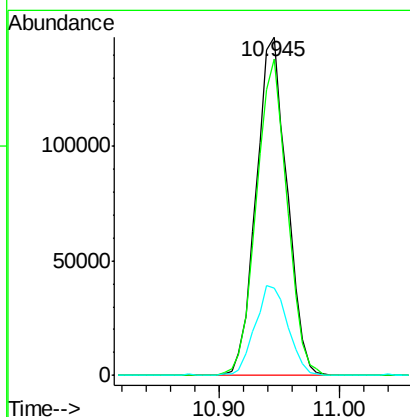
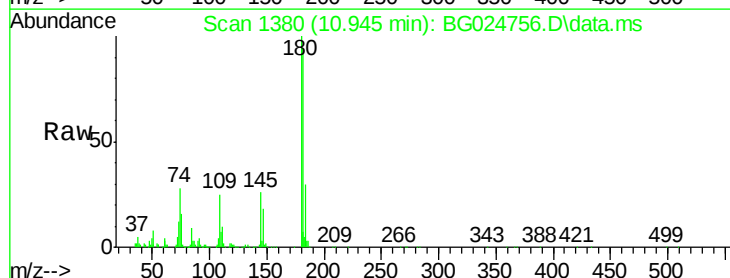
Instrument :  
 BNA\_G  
 ClientSampleId :

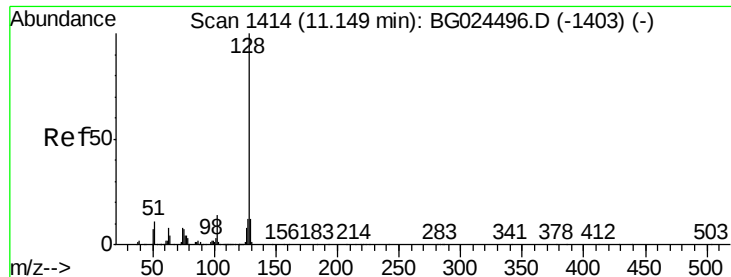
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 251014 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 60.4  | 42.4  | 82.4   |
| 98        | 36.7  | 20.3  | 60.3   |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.96 ng  
 RT: 10.945 min Scan# 1380  
 Delta R.T. -0.009 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 261367 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.5  | 77.0  | 115.4  |
| 145       | 25.9  | 23.4  | 35.0   |

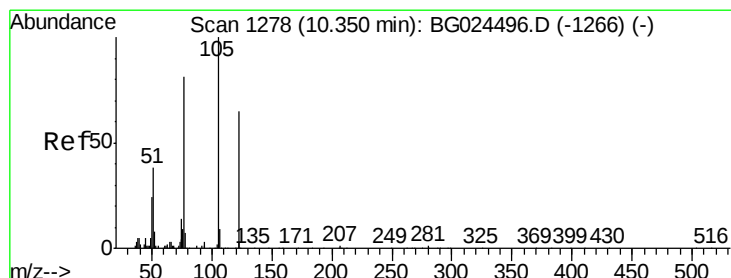
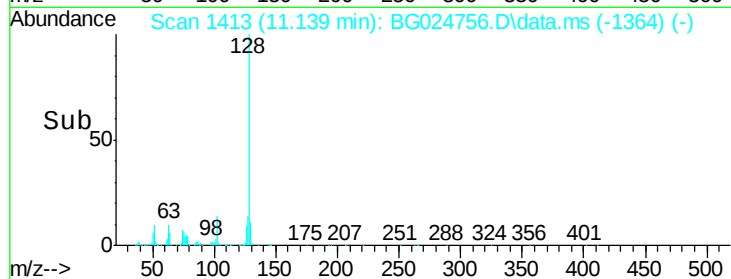
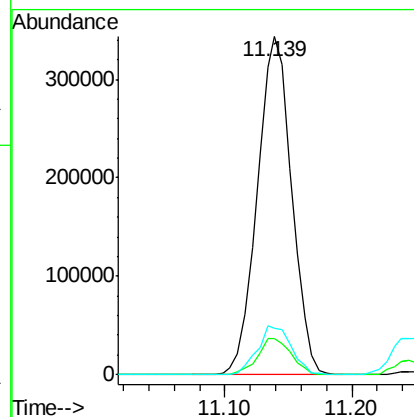
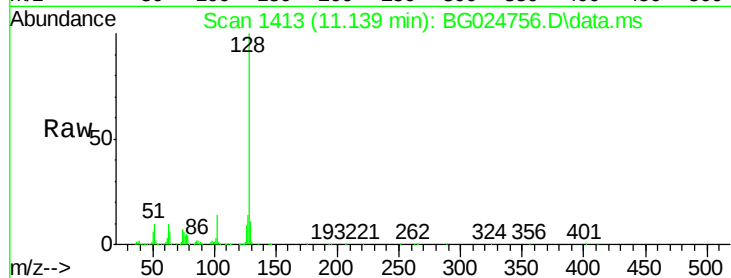




#31  
Naphthalene  
Concen: 40.10 ng  
RT: 11.139 min Scan# 1414  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

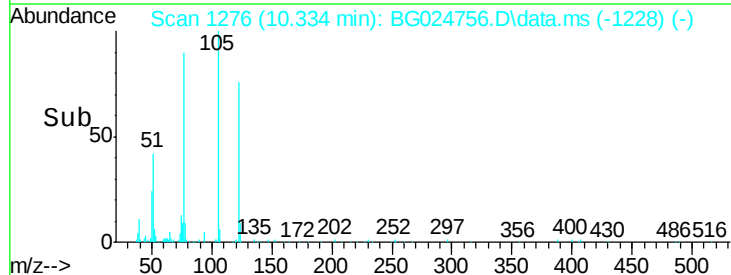
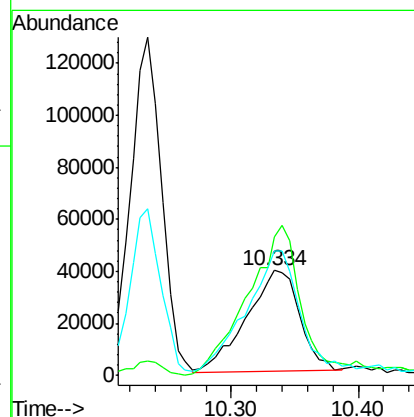
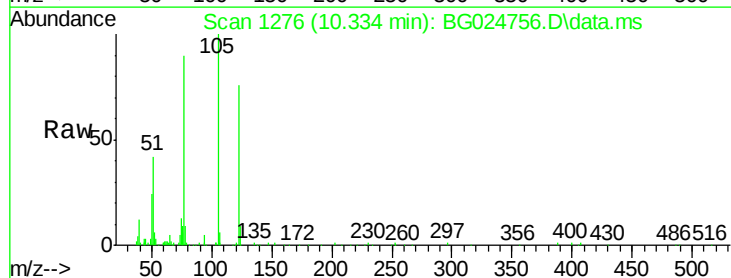
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 645689  
Ion Ratio Lower Upper  
128 100  
129 10.7 9.3 13.9  
127 13.6 11.4 17.0



#32  
Benzoic acid  
Concen: 26.35 ng  
RT: 10.334 min Scan# 1276  
Delta R.T. -0.015 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

Tgt Ion:122 Resp: 112453  
Ion Ratio Lower Upper  
122 100  
105 132.2 120.1 160.1  
77 118.9 104.6 144.6

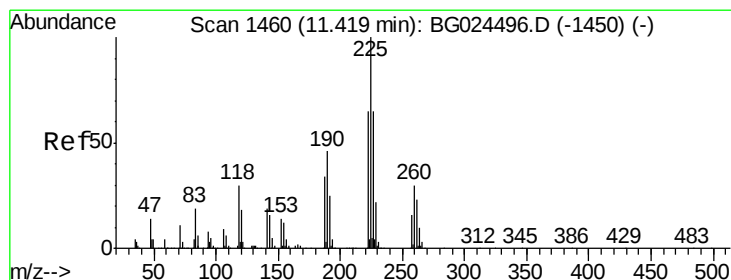
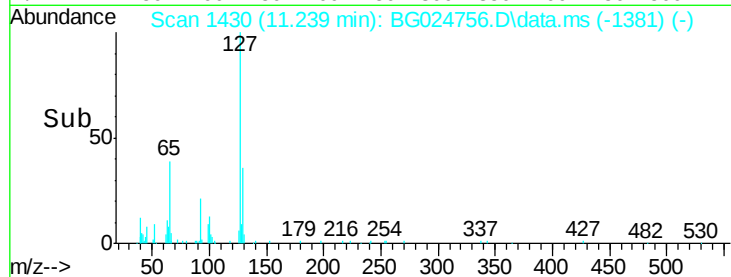
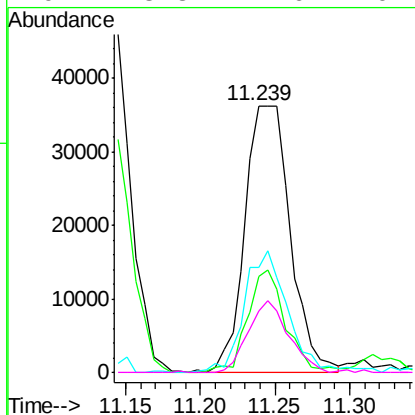
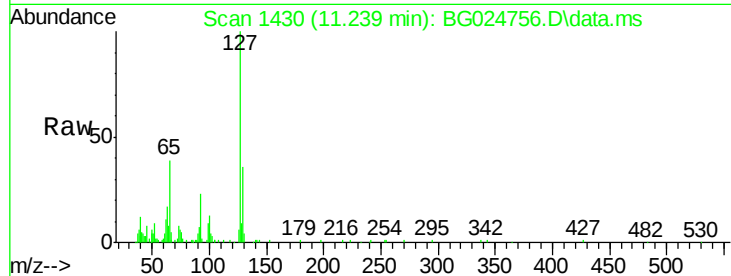




#33  
4-Chloroaniline  
Concen: 10.90 ng  
RT: 11.239 min Scan# 1431  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

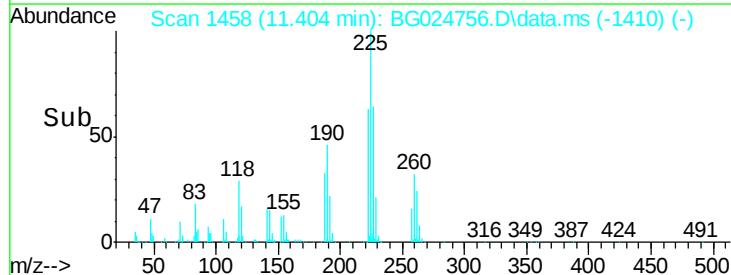
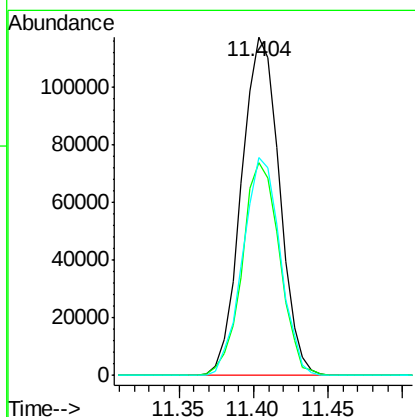
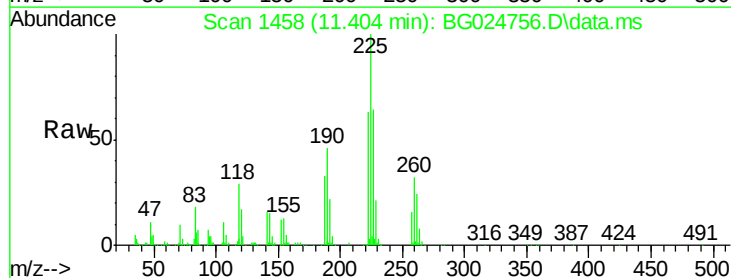
Instrument :  
BNA\_G  
ClientSampleId :

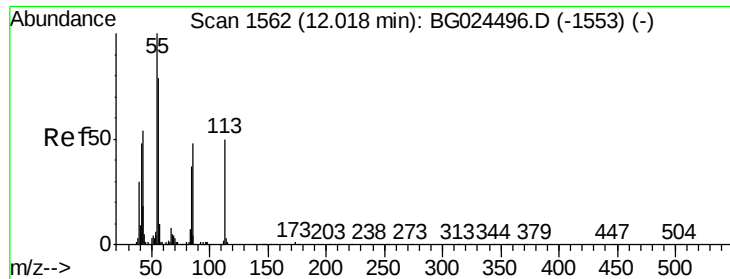
Tot Ion:127 Resp: 76212  
Ion Ratio Lower Upper  
127 100  
129 36.1 23.6 35.4#  
65 39.5 37.7 56.5  
92 23.3 17.6 26.4



#34  
Hexachlorobutadiene  
Concen: 41.32 ng  
RT: 11.404 min Scan# 1458  
Delta R.T. -0.015 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

Tgt Ion:225 Resp: 206379  
Ion Ratio Lower Upper  
225 100  
223 62.8 50.7 76.1  
227 64.2 49.0 73.6

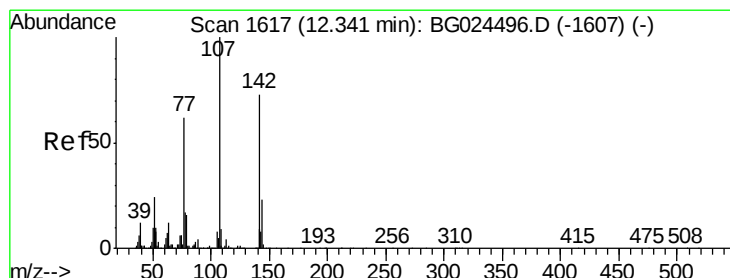
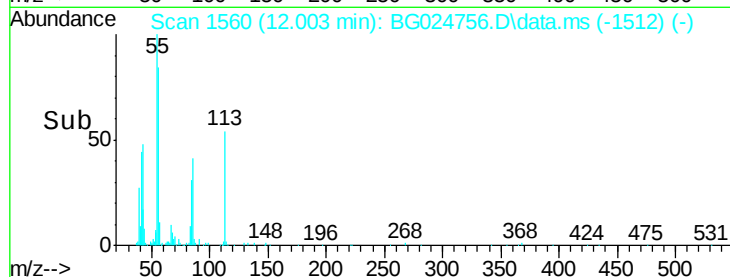
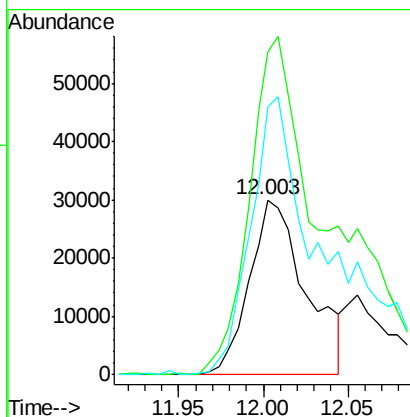
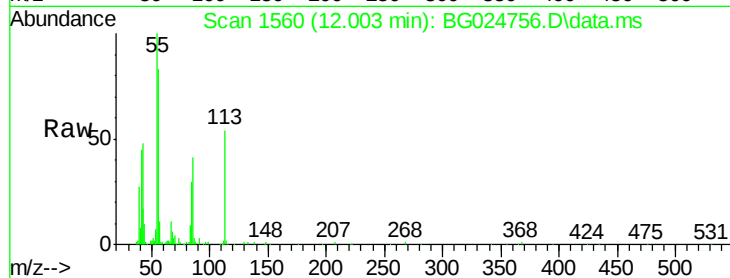




#35  
 Caprolactam  
 Concen: 35.28 ng  
 RT: 12.003 min Scan# 1512  
 Delta R.T. -0.015 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

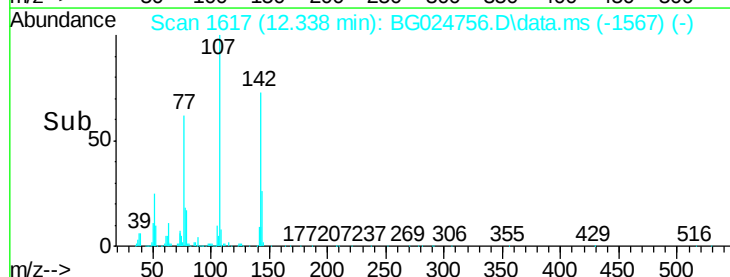
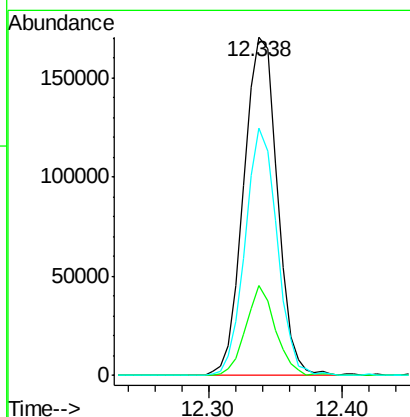
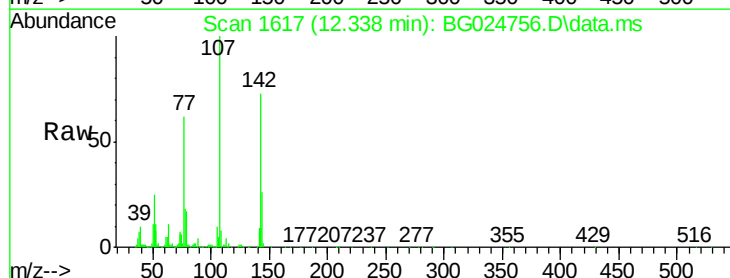
Instrument :  
 BNA\_G  
 ClientSampleId :

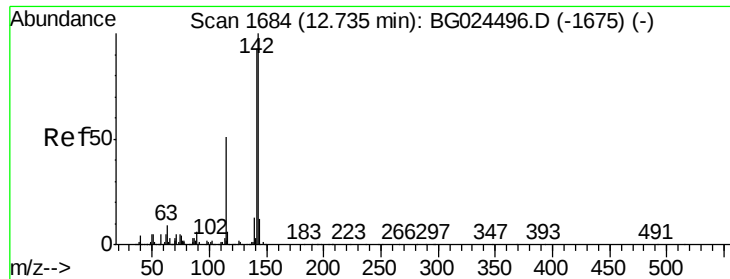
Tot Ion:113 Resp: 69488  
 Ion Ratio Lower Upper  
 113 100  
 55 184.4 198.6 238.6#  
 56 153.5 140.4 180.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.49 ng  
 RT: 12.338 min Scan# 1617  
 Delta R.T. -0.004 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

Tgt Ion:107 Resp: 295439  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 17.4 26.0#  
 142 73.0 54.1 81.1

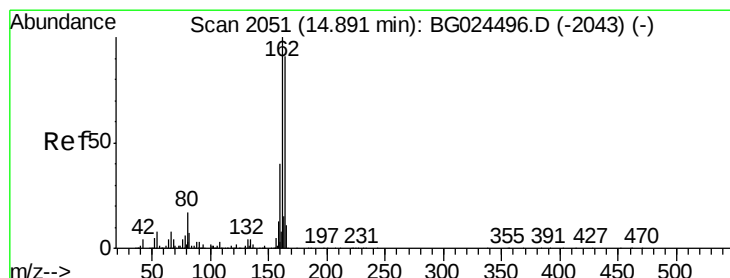
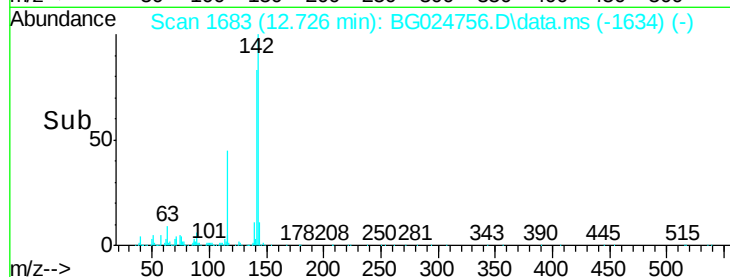
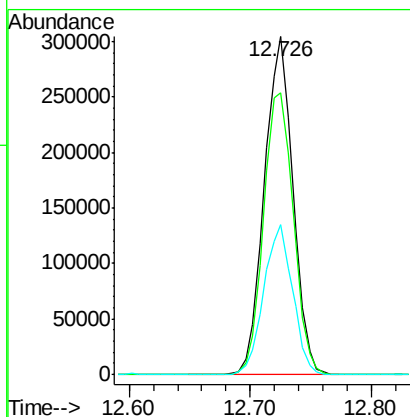
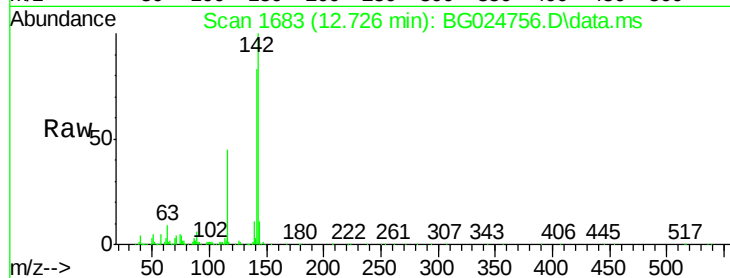




#37  
2-Methylnaphthalene  
Concen: 42.29 ng  
RT: 12.726 min Scan# 16  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

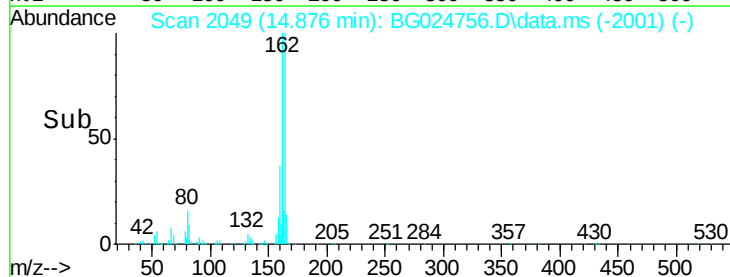
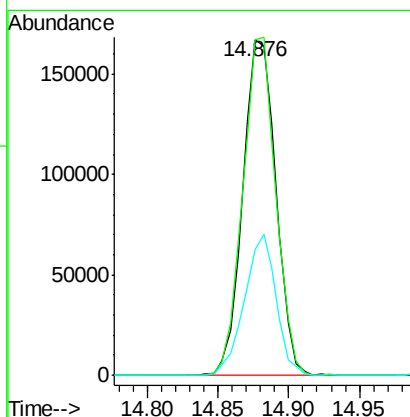
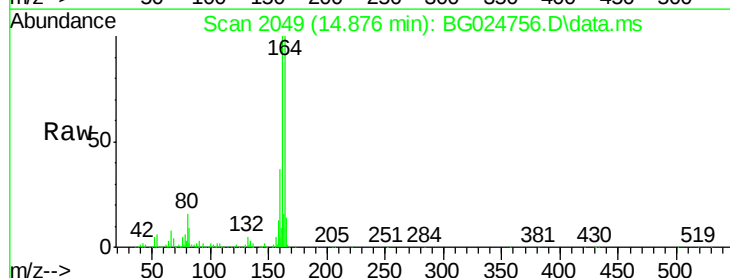
Instrument :  
BNA\_G  
ClientSampleId :

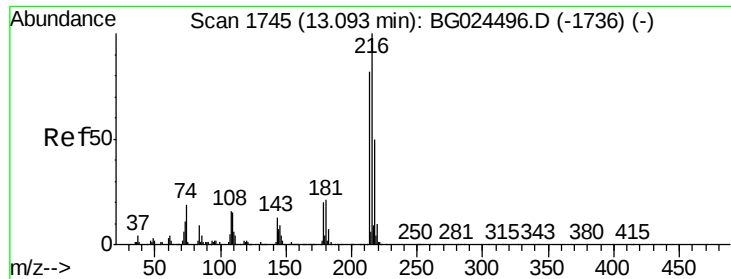
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 83.3  | 70.4  | 105.6 |
| 115     | 44.5  | 35.5  | 53.3  |



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.876 min Scan# 2049  
Delta R.T. -0.015 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.8  | 85.1  | 127.7 |
| 160     | 37.4  | 34.7  | 52.1  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.47 ng

RT: 13.084 min Scan# 17

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:216 Resp: 346480

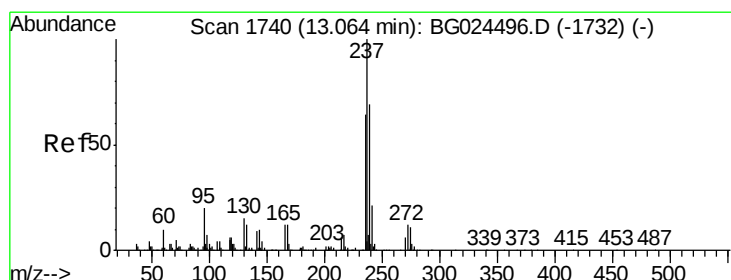
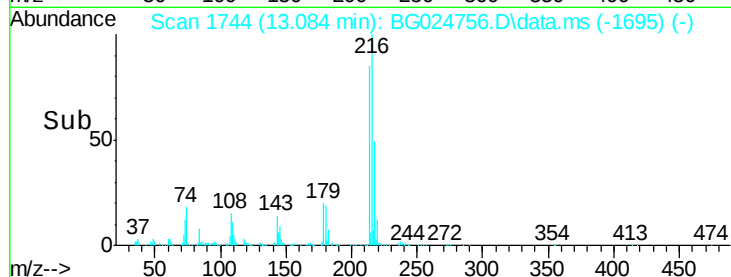
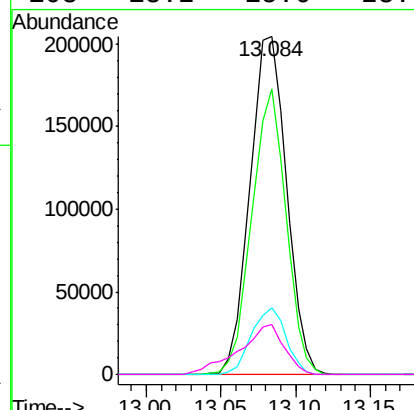
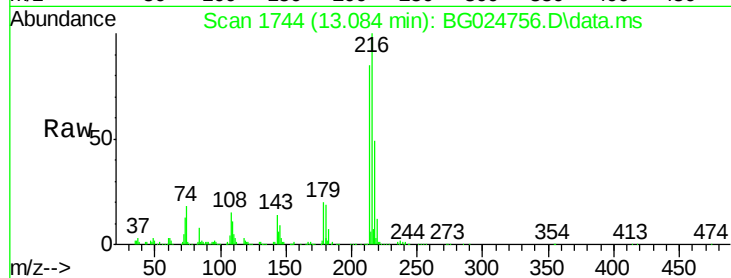
Ion Ratio Lower Upper

216 100

214 79.0 64.4 96.6

179 18.5 17.4 26.0

108 18.2 15.6 23.4



#40

Hexachlorocyclopentadiene

Concen: 93.79 ng

RT: 13.055 min Scan# 1739

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

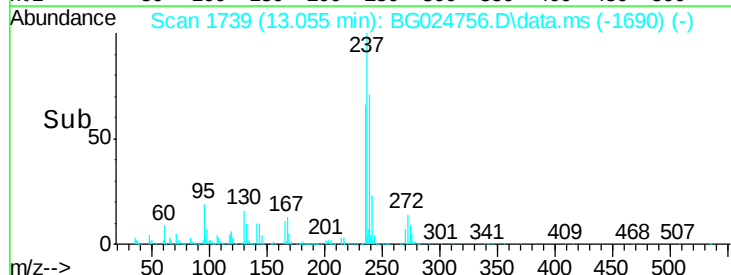
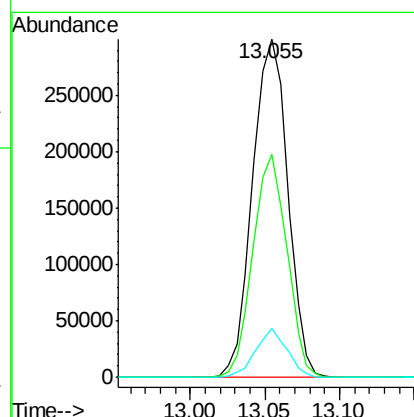
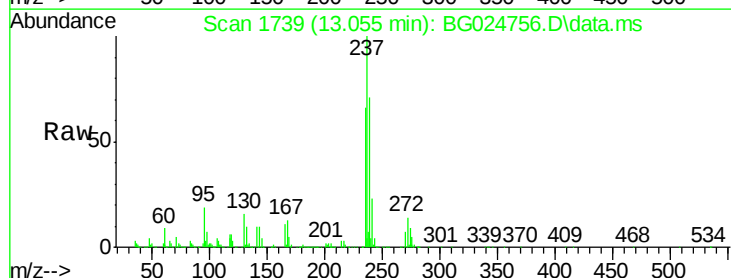
Tgt Ion:237 Resp: 488359

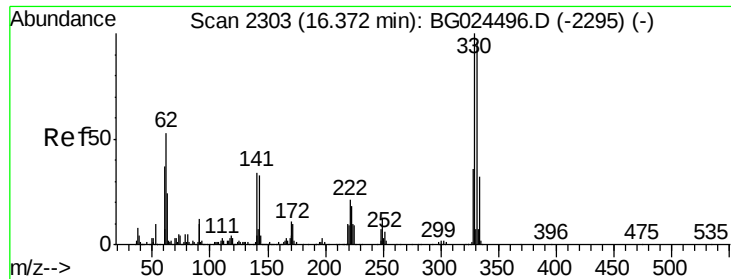
Ion Ratio Lower Upper

237 100

235 65.9 39.4 79.4

272 14.3 0.0 32.0

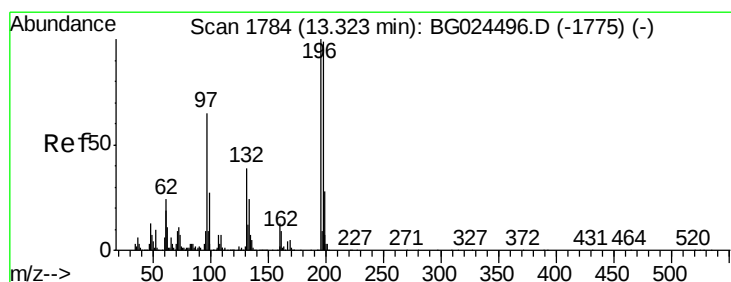
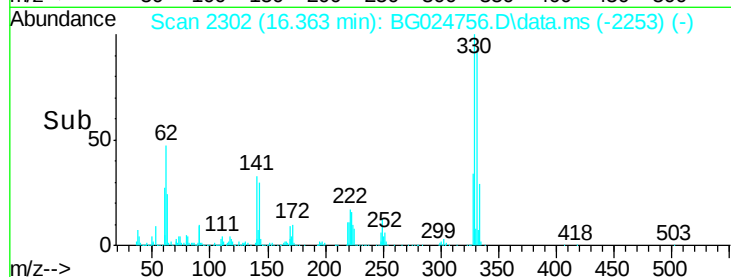
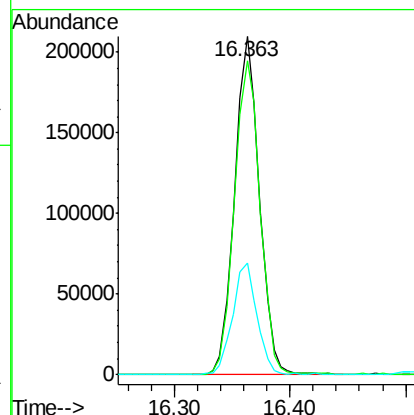
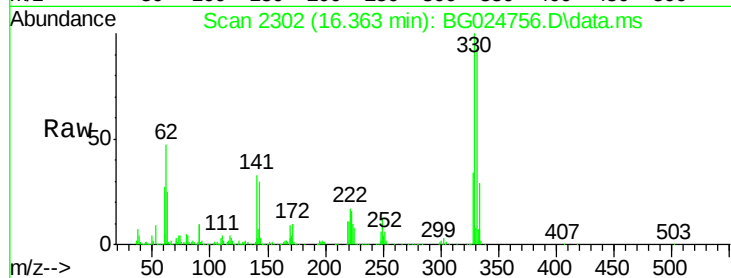




#41  
2,4,6-Tribromophenol  
Concen: 76.06 ng  
RT: 16.363 min Scan# 2303  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

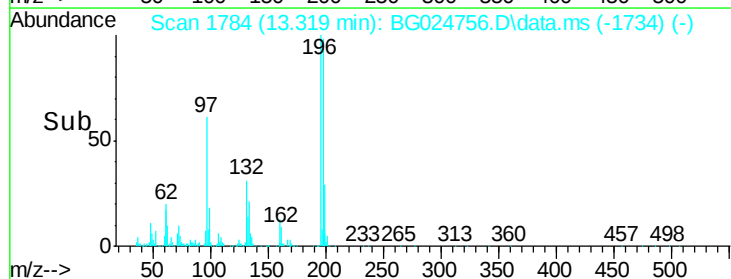
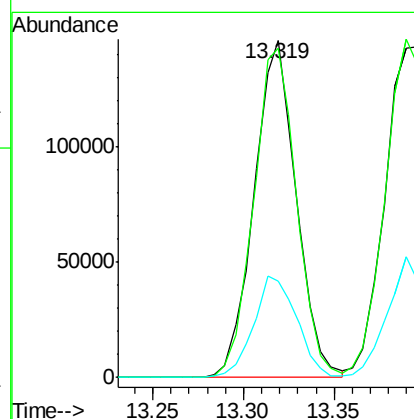
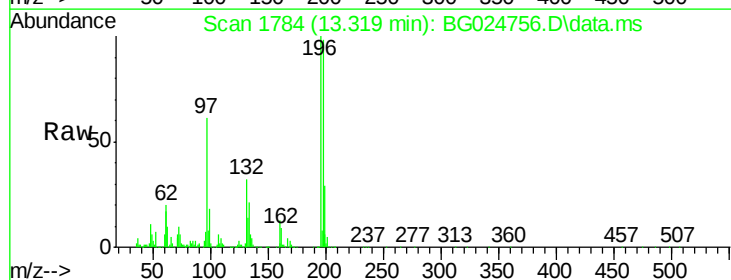
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 77.3  | 115.9 |
| 141     | 32.6  | 32.1  | 48.1  |



#42  
2,4,6-Trichlorophenol  
Concen: 42.33 ng  
RT: 13.319 min Scan# 1784  
Delta R.T. -0.003 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.6  | 81.4  | 122.2 |
| 200     | 28.7  | 27.0  | 40.6  |

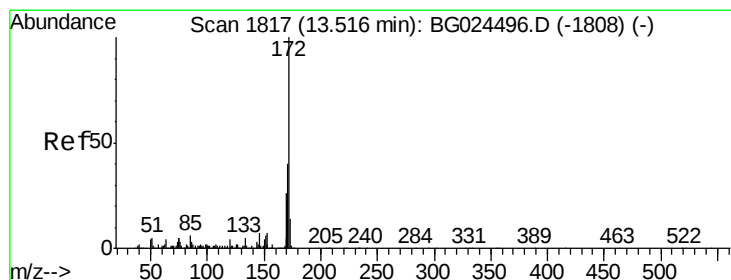
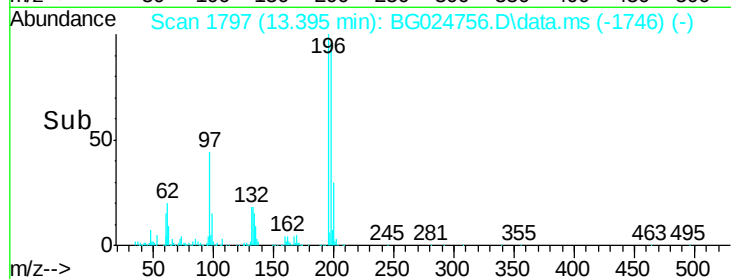
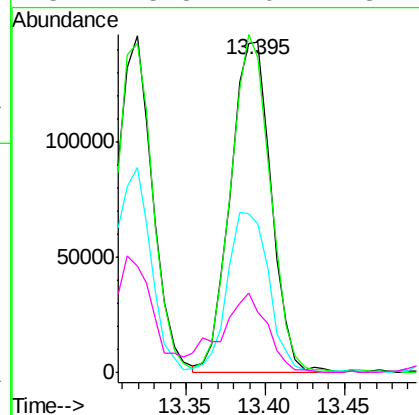
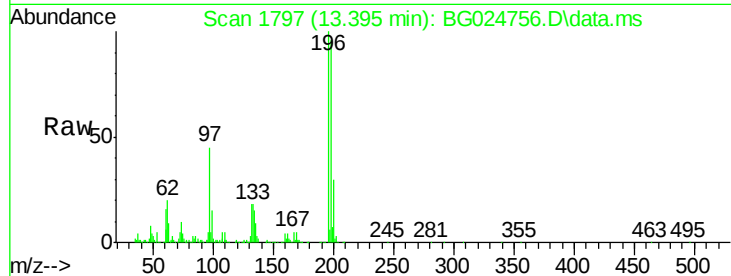




#43  
 2,4,5-Trichlorophenol  
 Concen: 42.34 ng  
 RT: 13.395 min Scan# 1796  
 Delta R.T. 0.002 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

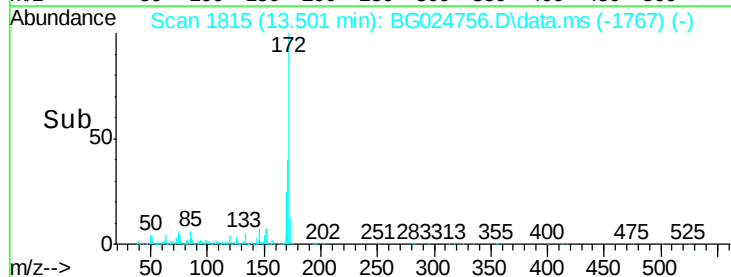
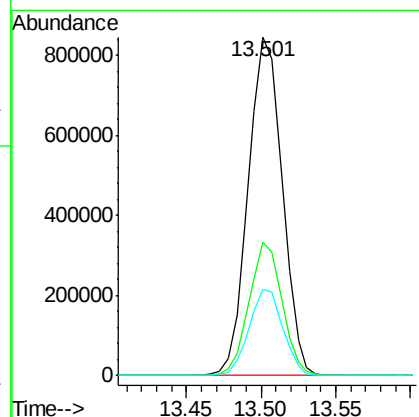
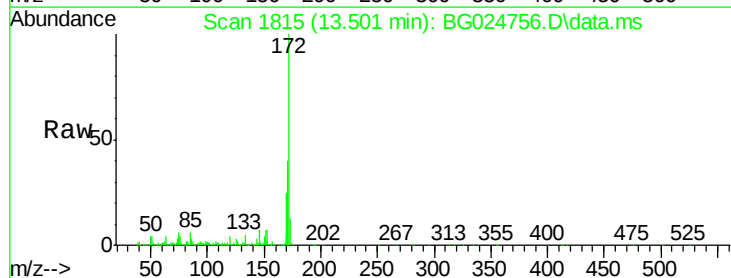
Instrument :  
 BNA\_G  
 ClientSampleId :

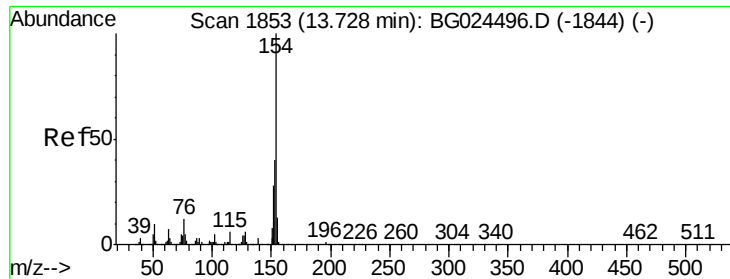
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.6  | 79.9  | 119.9 |
| 97      | 45.1  | 45.4  | 68.0  |
| 132     | 18.3  | 20.7  | 31.1  |



#44  
 2-Fluorobiphenyl  
 Concen: 80.74 ng  
 RT: 13.501 min Scan# 1815  
 Delta R.T. -0.015 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.5  | 32.2  | 48.2  |
| 170     | 25.3  | 21.8  | 32.6  |

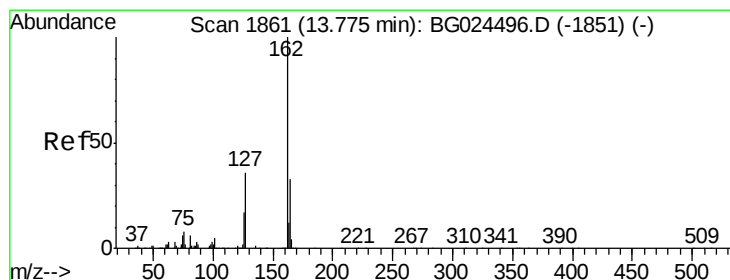
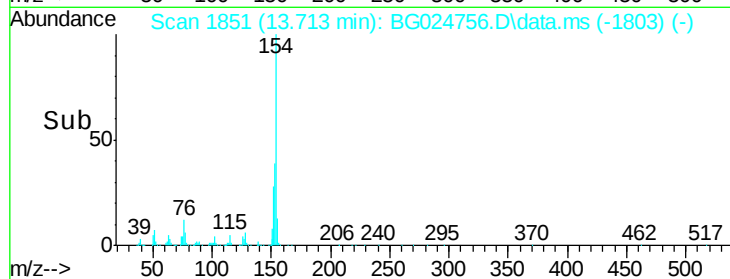
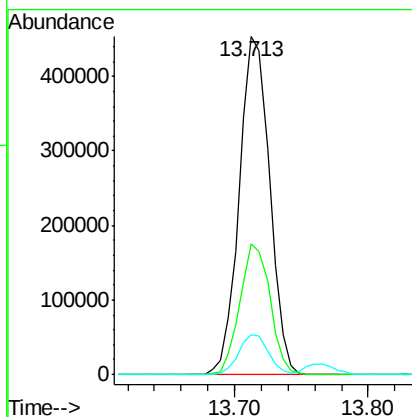
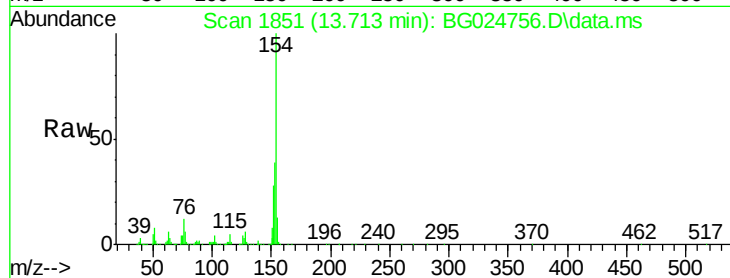




#45  
 1,1'-Biphenyl  
 Concen: 37.40 ng  
 RT: 13.713 min Scan# 18  
 Delta R.T. -0.015 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

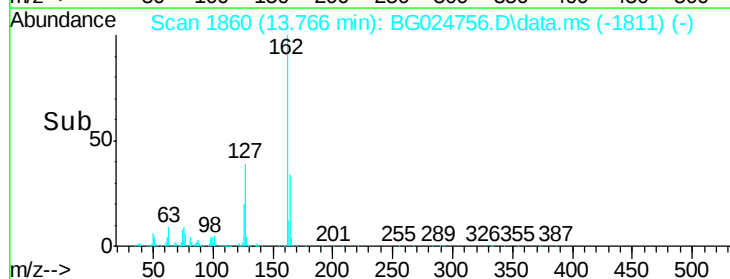
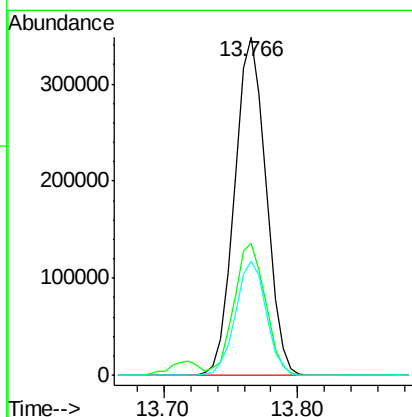
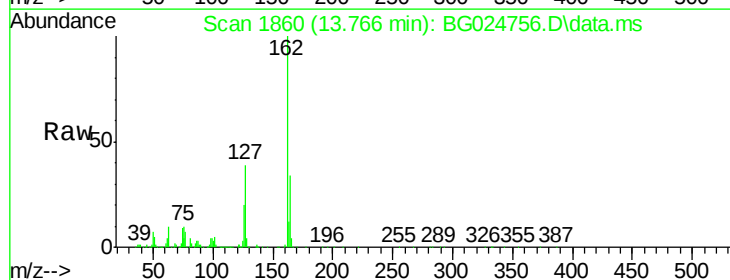
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 38.7  | 23.0  | 63.0  |
| 76      | 11.6  | 0.0   | 33.5  |



#46  
 2-Chloronaphthalene  
 Concen: 39.12 ng  
 RT: 13.766 min Scan# 1860  
 Delta R.T. -0.009 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.9  | 32.2  | 48.4  |
| 164     | 33.9  | 27.3  | 40.9  |

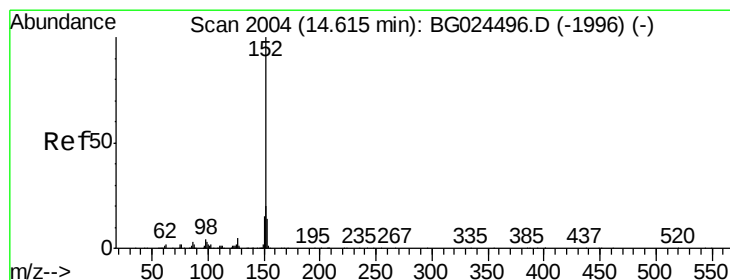
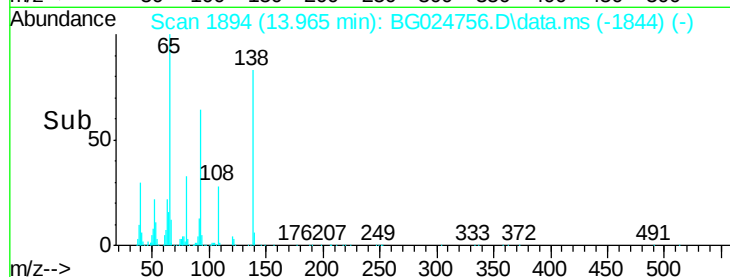
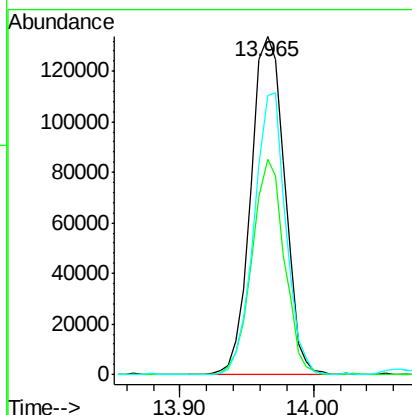
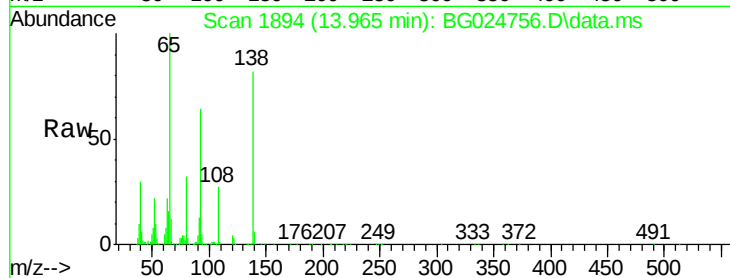




#47  
2-Nitroaniline  
Concen: 39.32 ng  
RT: 13.965 min Scan# 1894  
Delta R.T. -0.003 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

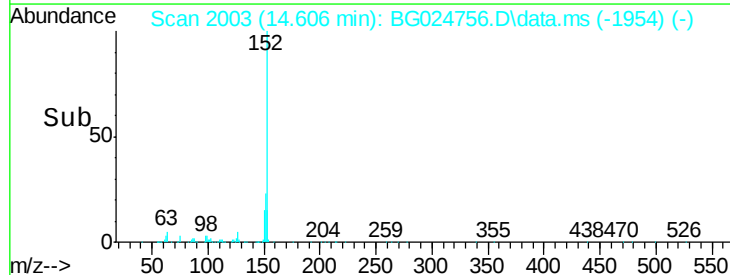
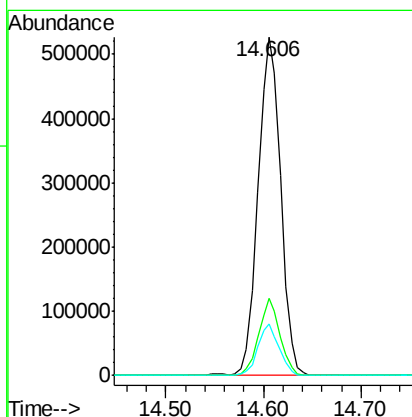
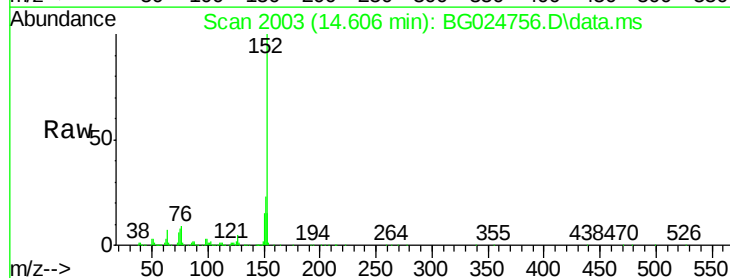
Instrument :  
BNA\_G  
ClientSampleId :

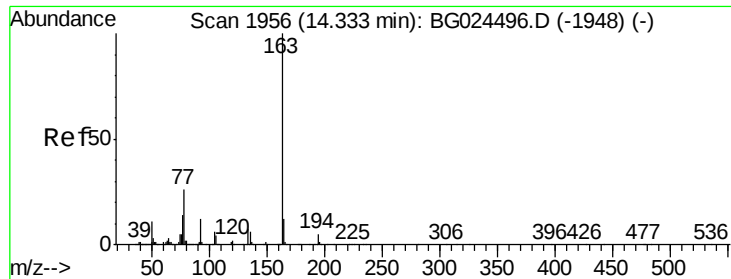
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.6  | 49.0  | 73.4  |
| 138     | 82.5  | 58.6  | 87.8  |



#48  
Acenaphthylene  
Concen: 38.66 ng  
RT: 14.606 min Scan# 2003  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 22.9  | 18.2  | 27.2  |
| 153     | 15.0  | 11.3  | 16.9  |





#49

Dimethylphthalate

Concen: 40.55 ng

RT: 14.318 min Scan# 1956

Delta R.T. -0.015 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

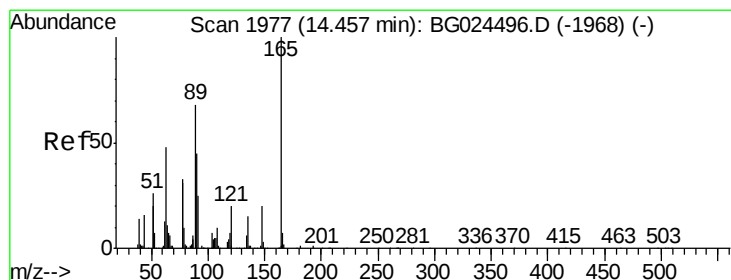
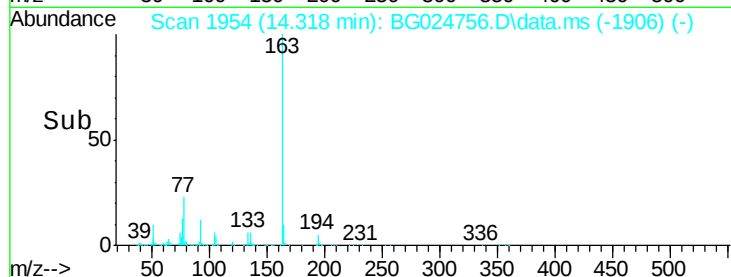
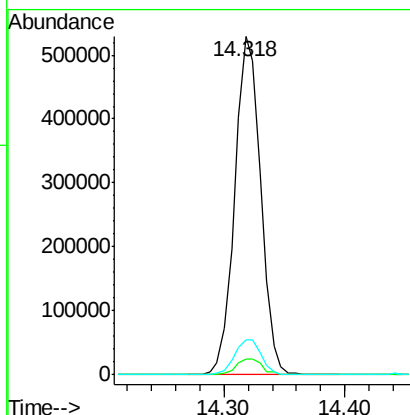
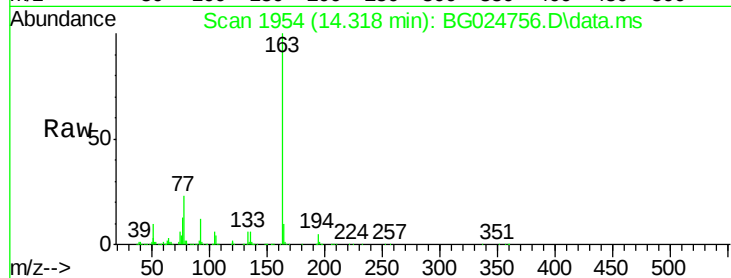
Tot Ion:163 Resp: 789308

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.6

164 10.2 9.3 13.9



#50

2,6-Dinitrotoluene

Concen: 41.65 ng

RT: 14.453 min Scan# 1977

Delta R.T. -0.004 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

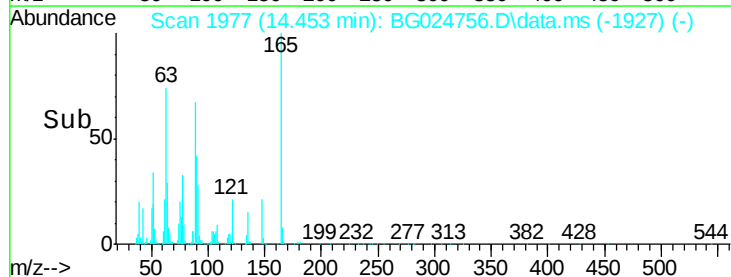
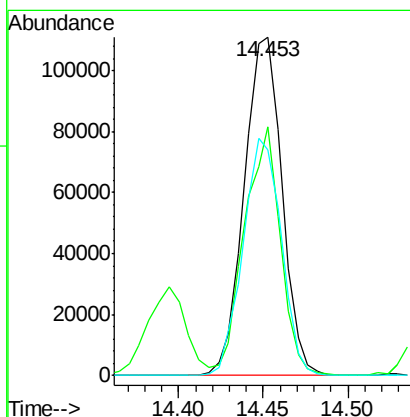
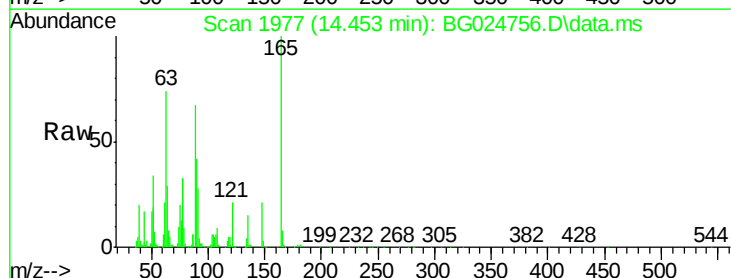
Tgt Ion:165 Resp: 173065

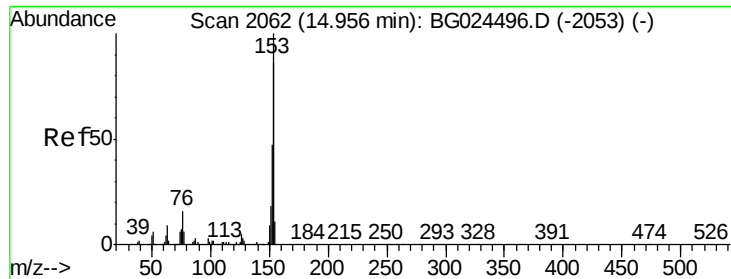
Ion Ratio Lower Upper

165 100

63 73.7 63.9 95.9

89 66.7 58.6 88.0





#51

Acenaphthene

Concen: 34.54 ng

RT: 14.947 min Scan# 2061

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

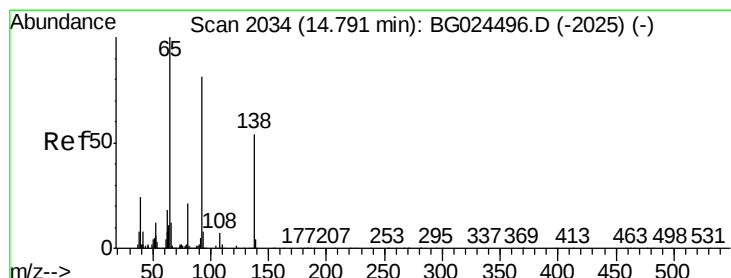
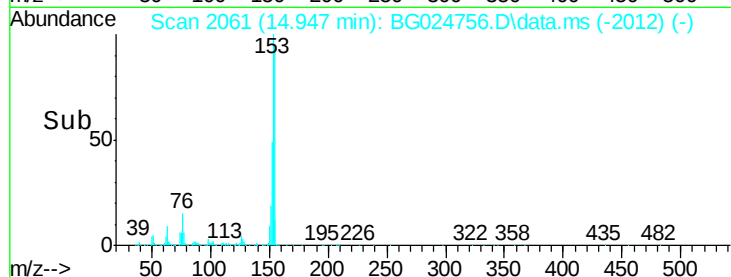
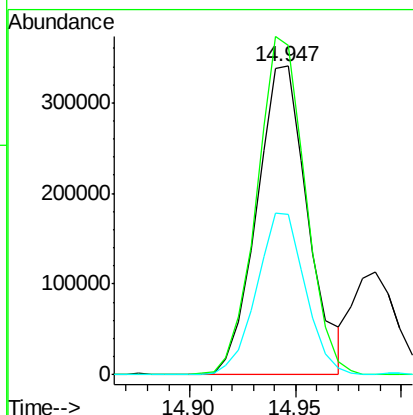
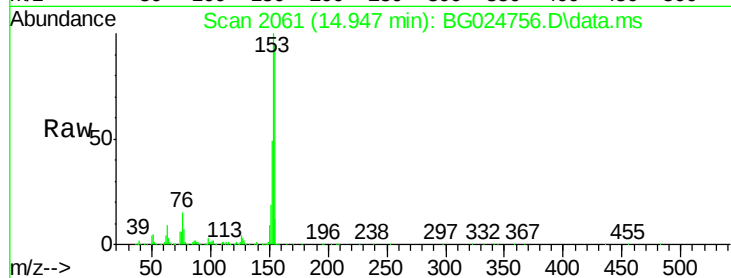
Tot Ion:154 Resp: 572044

Ion Ratio Lower Upper

154 100

153 106.7 87.8 131.6

152 51.8 42.2 63.4



#52

3-Nitroaniline

Concen: 16.25 ng

RT: 14.782 min Scan# 2033

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

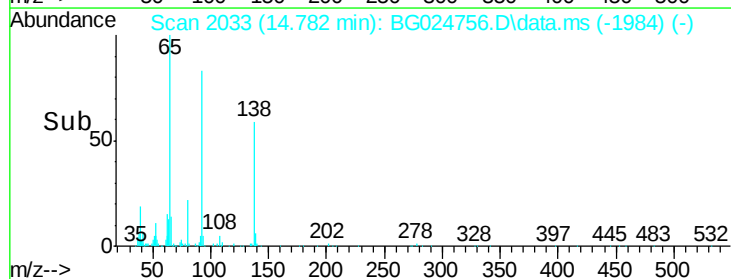
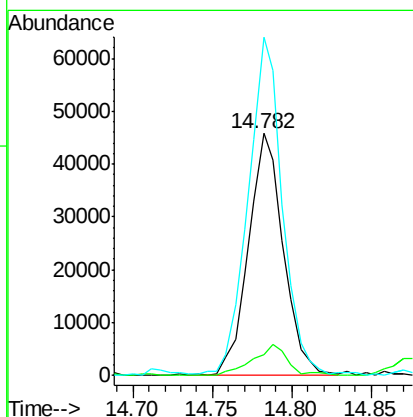
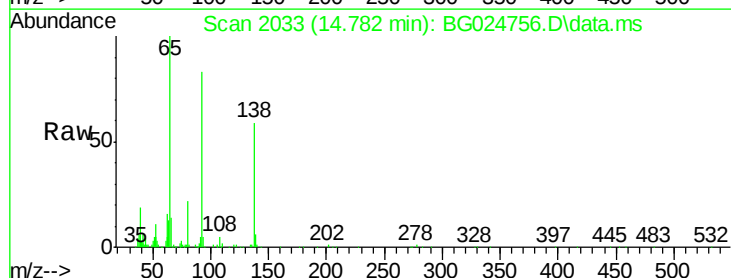
Tgt Ion:138 Resp: 69849

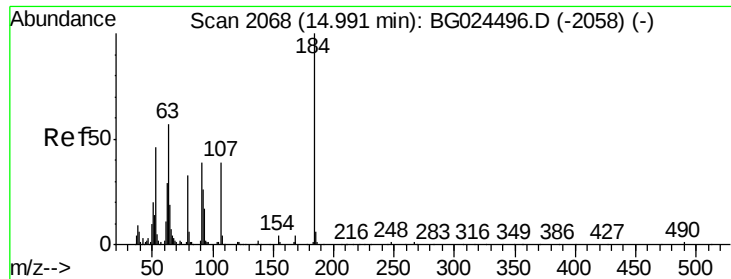
Ion Ratio Lower Upper

138 100

108 8.8 10.9 16.3#

92 139.9 115.3 172.9





#53

2,4-Dinitrophenol

Concen: 83.30 ng

RT: 14.988 min Scan# 20

Delta R.T. -0.004 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

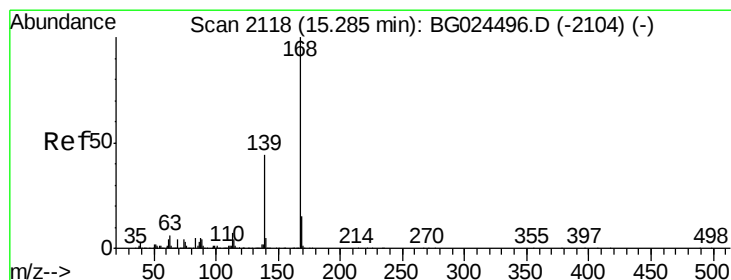
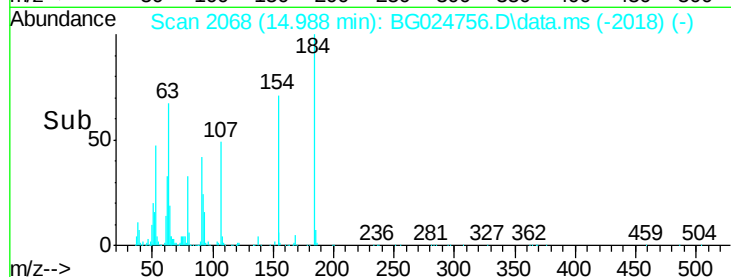
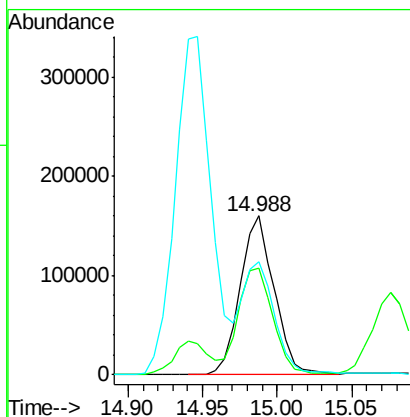
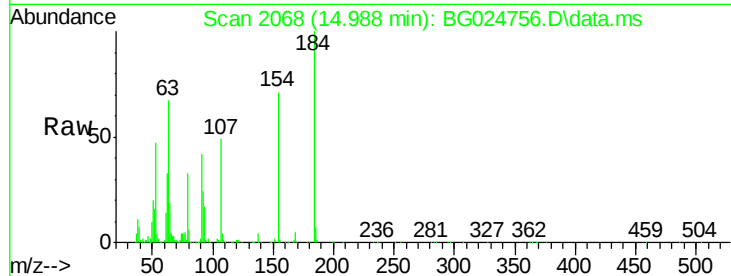
Tot Ion:184 Resp: 250792

Ion Ratio Lower Upper

184 100

63 67.1 52.7 79.1

154 70.8 57.3 85.9



#54

Dibenzofuran

Concen: 41.15 ng

RT: 15.276 min Scan# 2117

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

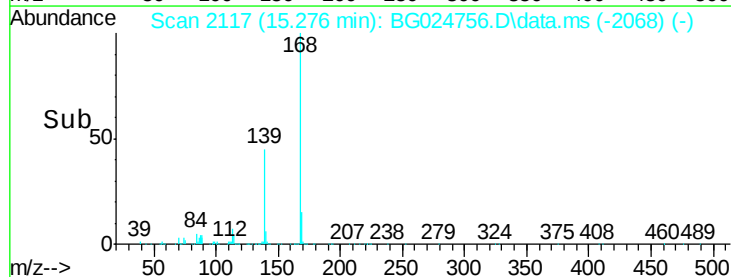
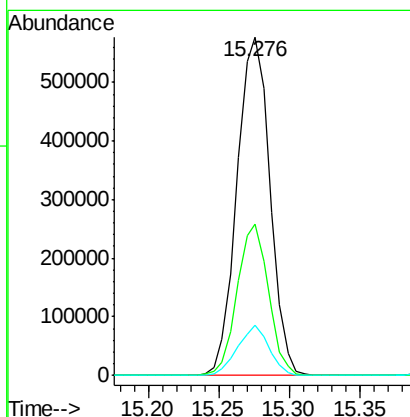
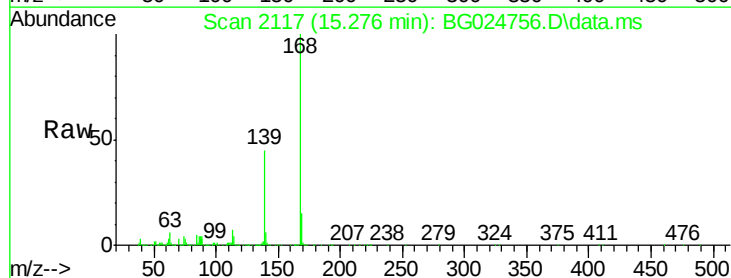
Tgt Ion:168 Resp: 942167

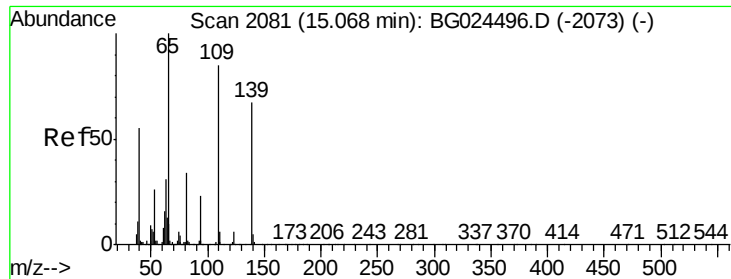
Ion Ratio Lower Upper

168 100

139 44.8 35.3 52.9

169 14.7 11.5 17.3

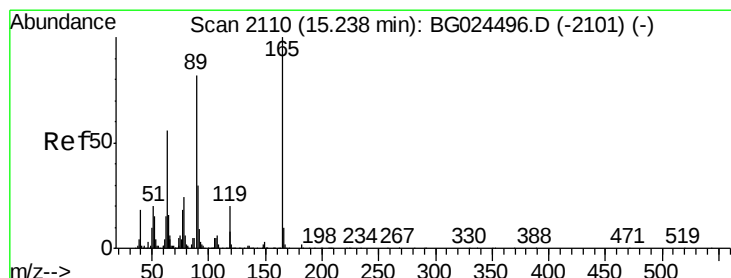
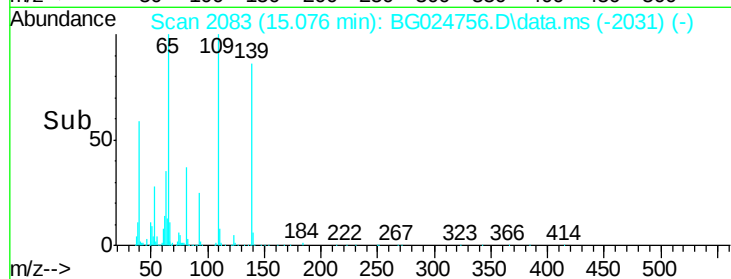
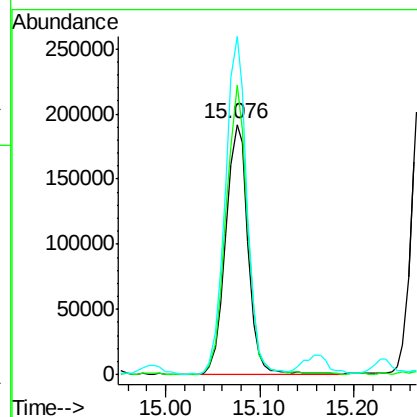
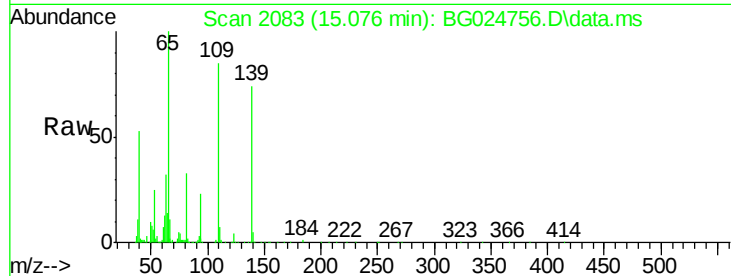




#55  
4-Nitrophenol  
Concen: 84.99 ng  
RT: 15.076 min Scan# 2081  
Delta R.T. 0.008 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

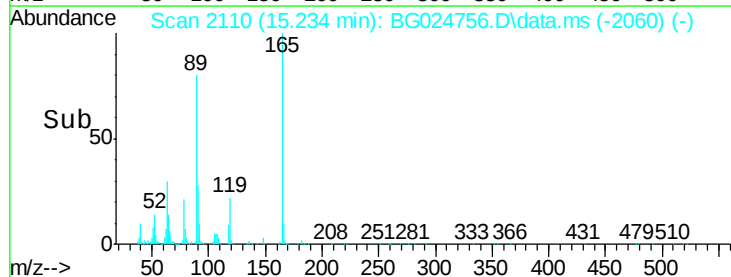
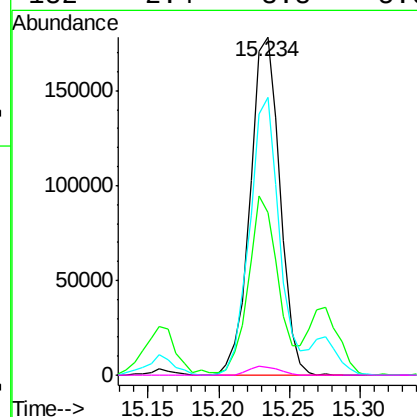
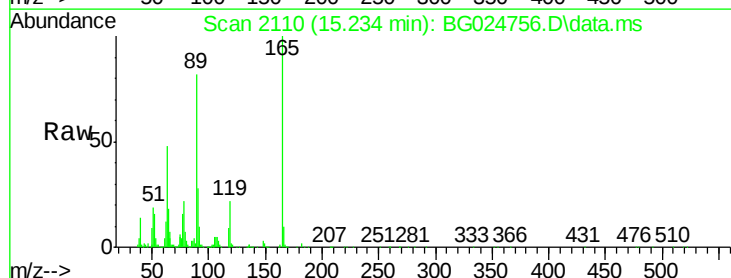
Instrument :  
BNA\_G  
ClientSampleId :

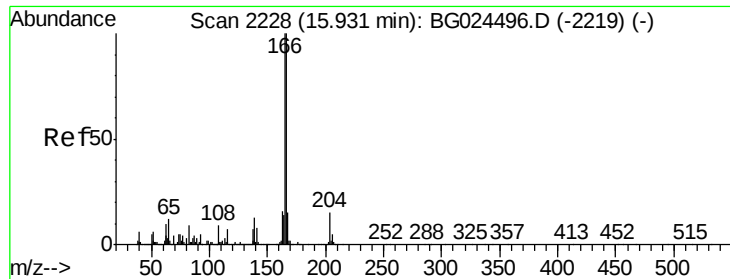
Tot Ion:139 Resp: 318363  
Ion Ratio Lower Upper  
139 100  
109 115.4 101.2 141.2  
65 135.1 135.3 175.3#



#56  
2,4-Dinitrotoluene  
Concen: 43.86 ng  
RT: 15.234 min Scan# 2110  
Delta R.T. -0.003 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

Tgt Ion:165 Resp: 264785  
Ion Ratio Lower Upper  
165 100  
63 48.3 44.0 66.0  
89 82.3 67.3 100.9  
182 2.4 3.8 5.6#





#57

Fluorene

Concen: 40.12 ng

RT: 15.922 min Scan# 22

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

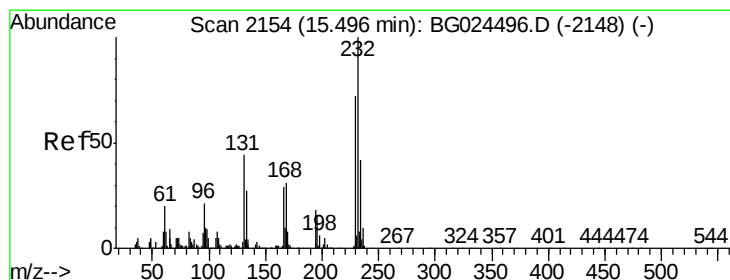
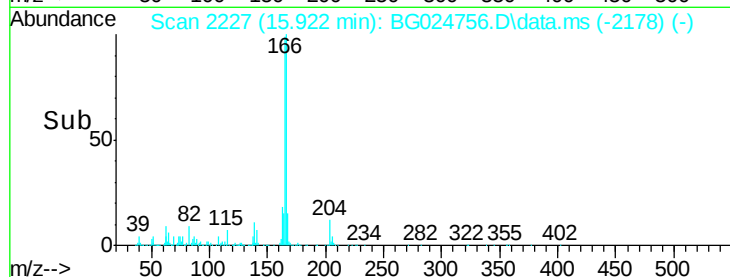
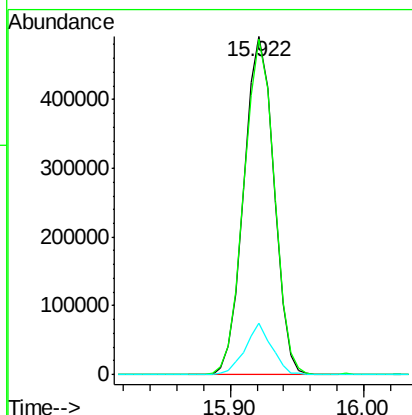
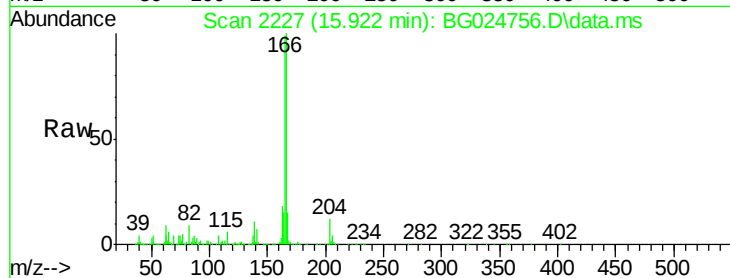
Tot Ion:166 Resp: 761654

Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

167 15.1 11.6 17.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.70 ng

RT: 15.493 min Scan# 2154

Delta R.T. -0.003 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Tgt Ion:232 Resp: 290934

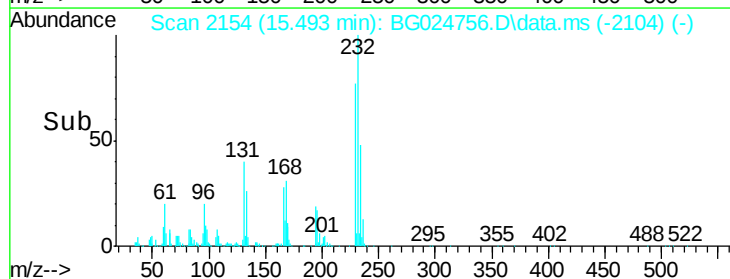
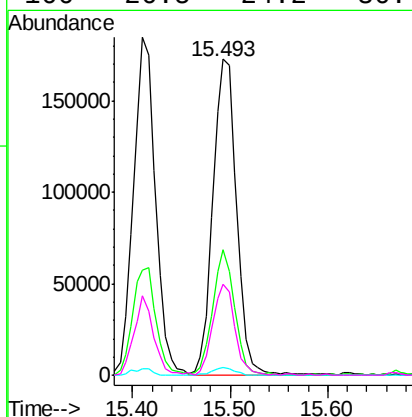
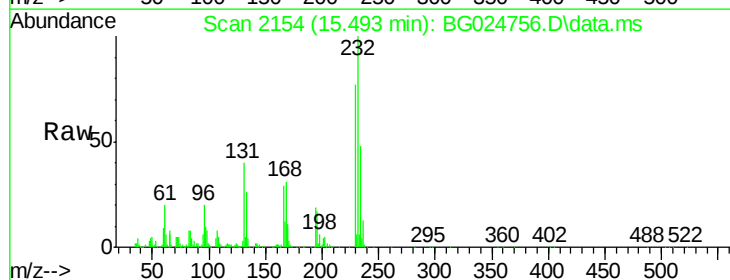
Ion Ratio Lower Upper

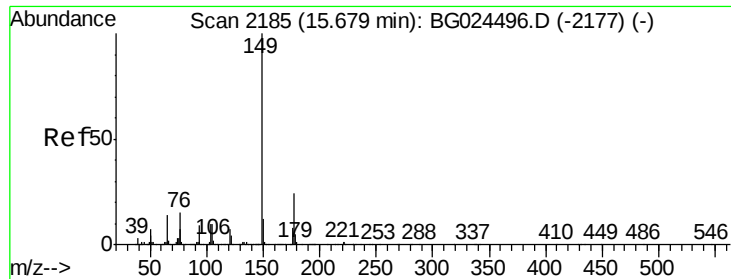
232 100

131 36.8 34.9 52.3

130 2.2 2.3 3.5#

166 26.5 24.2 36.4





#59

Diethylphthalate

Concen: 40.84 ng

RT: 15.669 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

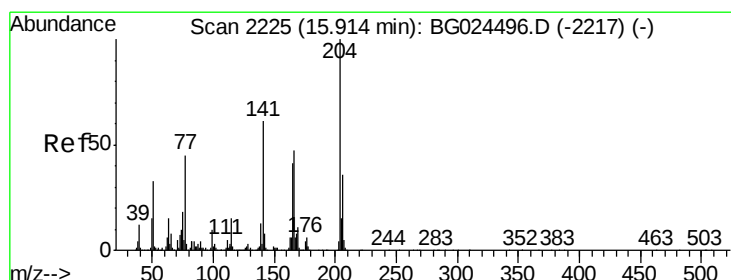
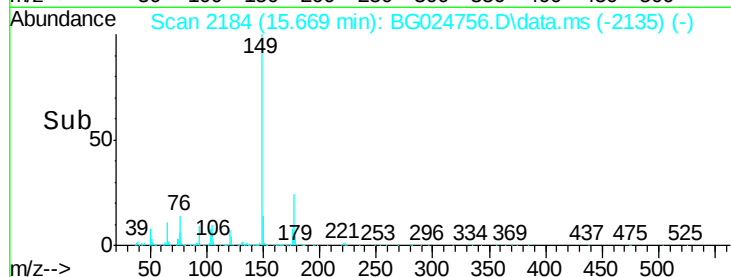
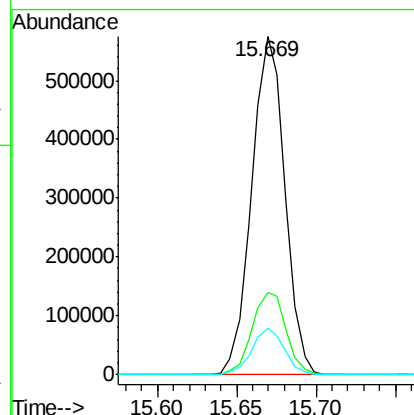
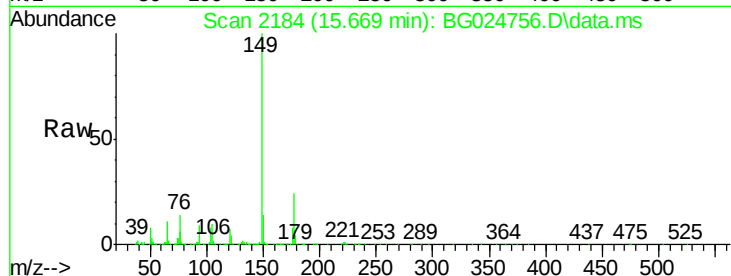
Tot Ion:149 Resp: 833421

Ion Ratio Lower Upper

149 100

177 24.3 20.1 30.1

150 13.7 10.2 15.2



#60

4-Chlorophenyl-phenylether

Concen: 41.07 ng

RT: 15.904 min Scan# 2224

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

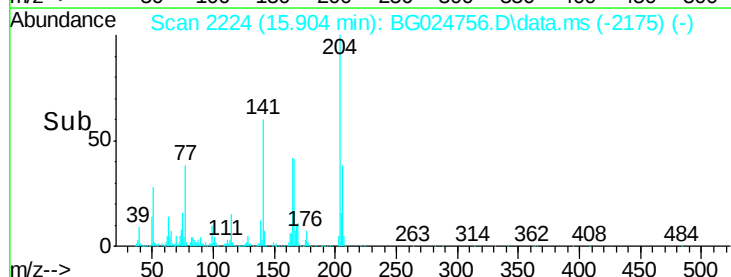
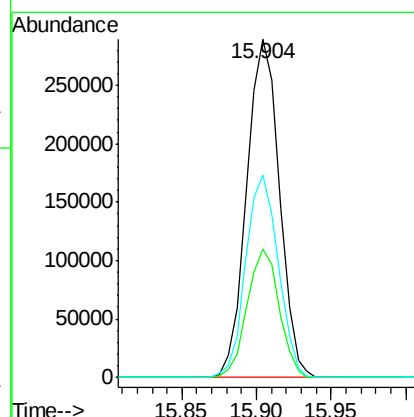
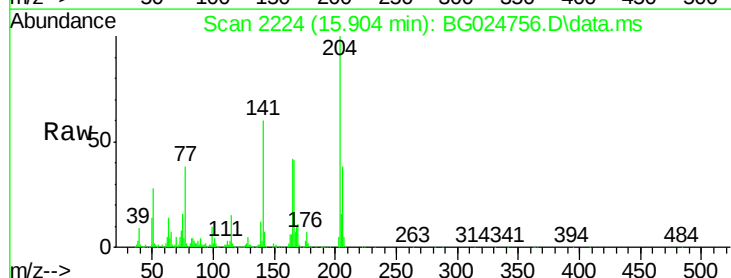
Tgt Ion:204 Resp: 437497

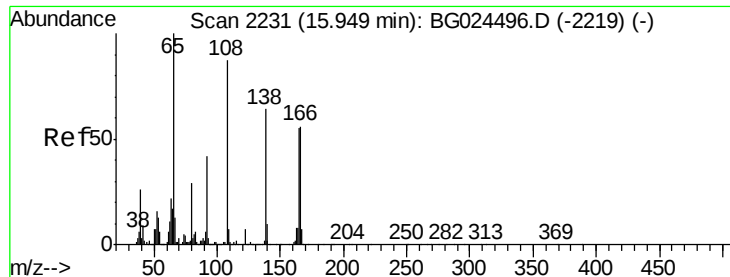
Ion Ratio Lower Upper

204 100

206 37.7 30.1 45.1

141 59.8 50.6 76.0

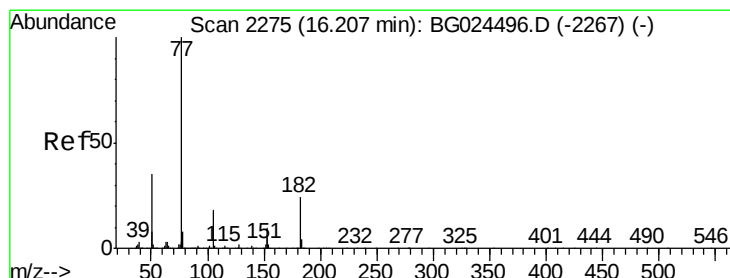
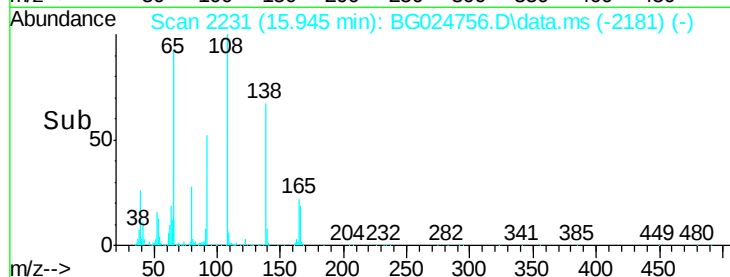
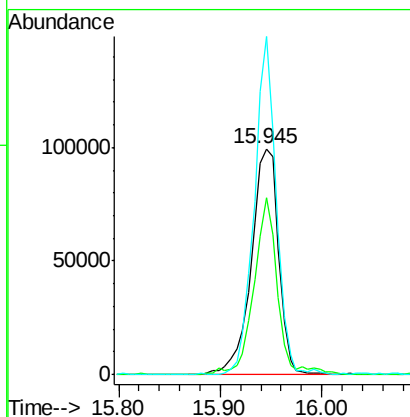
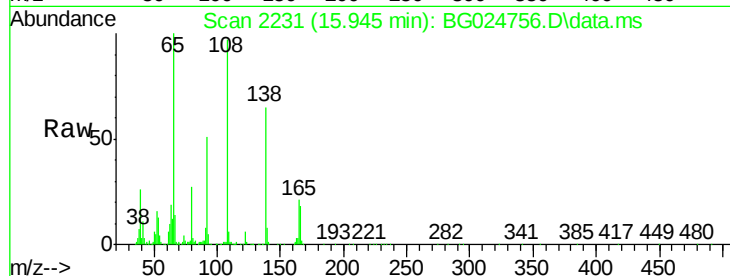




#61  
4-Nitroaniline  
Concen: 39.55 ng  
RT: 15.945 min Scan# 2231  
Delta R.T. -0.003 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

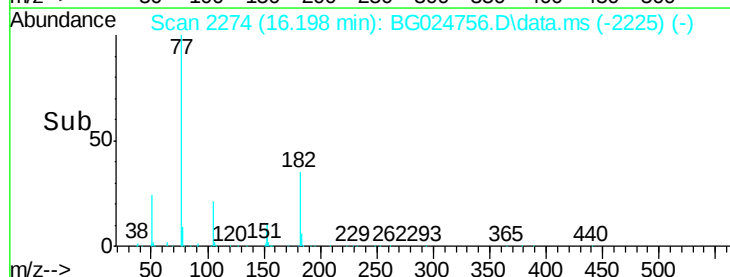
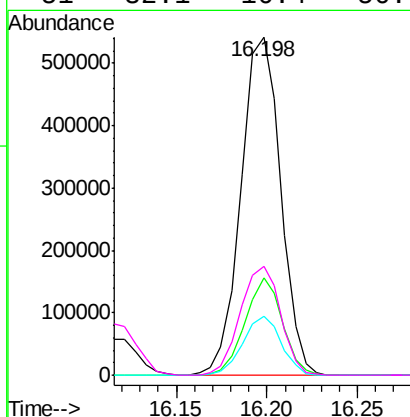
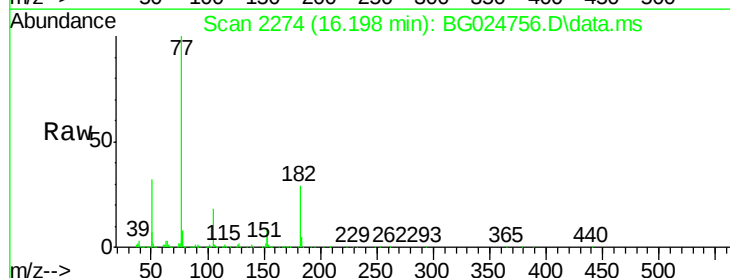
Instrument :  
BNA\_G  
ClientSampleId :

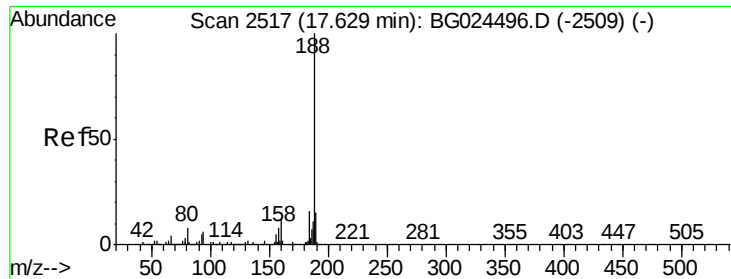
Tot Ion:138 Resp: 185760  
Ion Ratio Lower Upper  
138 100  
92 78.3 44.2 84.2  
108 149.8 104.8 144.8#



#62  
Azobenzene  
Concen: 40.60 ng  
RT: 16.198 min Scan# 2274  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

Tgt Ion: 77 Resp: 826147  
Ion Ratio Lower Upper  
77 100  
182 28.8 4.7 44.7  
105 17.5 0.0 36.3  
51 32.1 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.620 min Scan# 2517

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

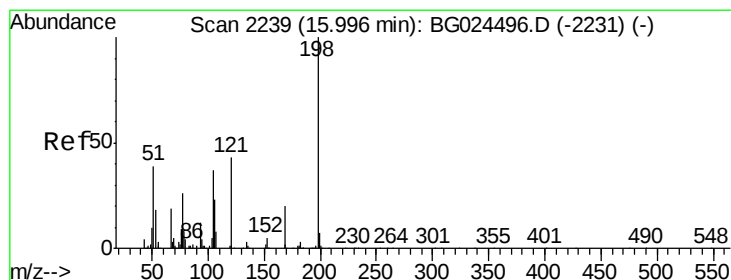
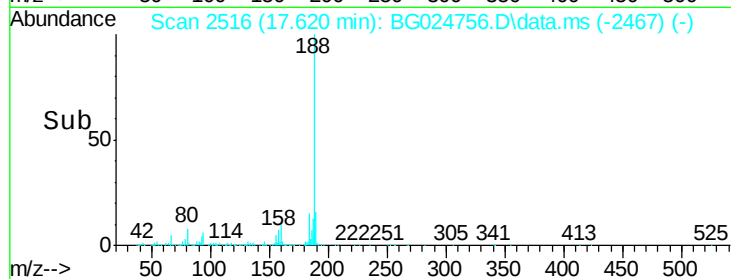
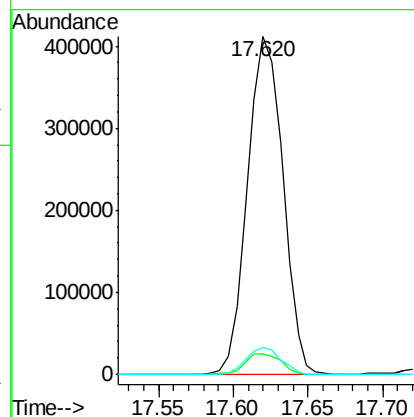
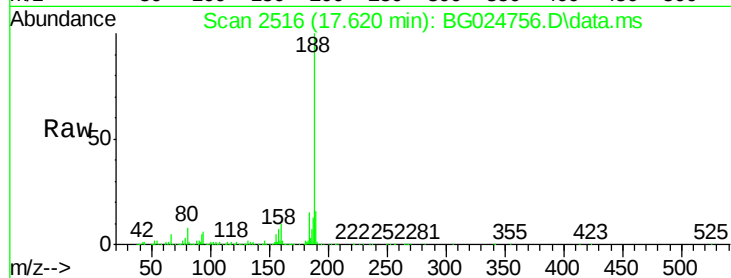
Tot Ion:188 Resp: 675295

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

80 7.8 7.5 11.3



#64

4,6-Dinitro-2-methylphenol

Concen: 39.80 ng

RT: 15.992 min Scan# 2239

Delta R.T. -0.004 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

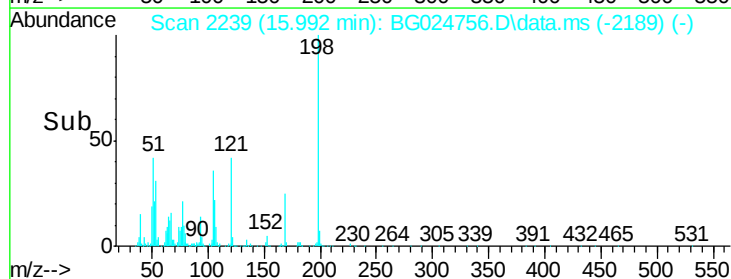
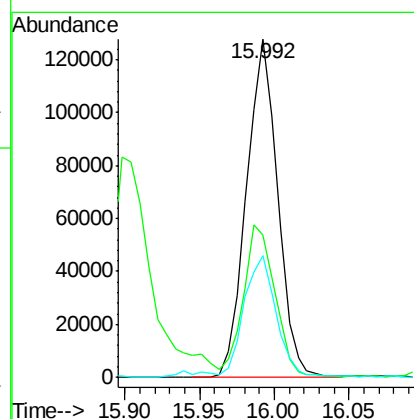
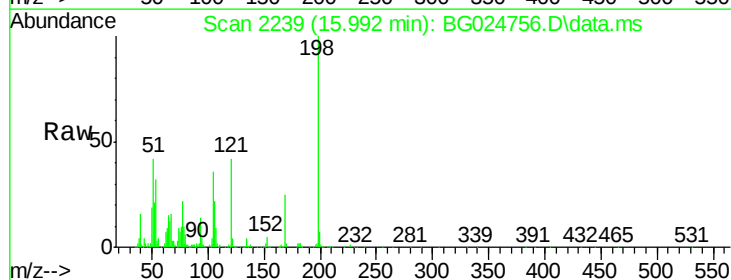
Tgt Ion:198 Resp: 185165

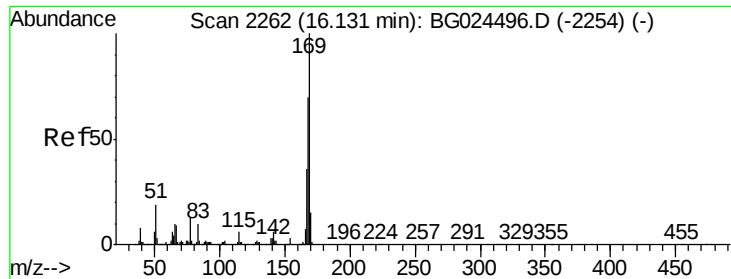
Ion Ratio Lower Upper

198 100

51 42.1 22.6 62.6

105 36.1 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 38.85 ng

RT: 16.122 min Scan# 22

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

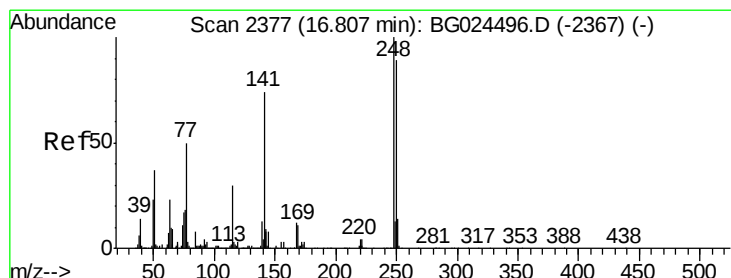
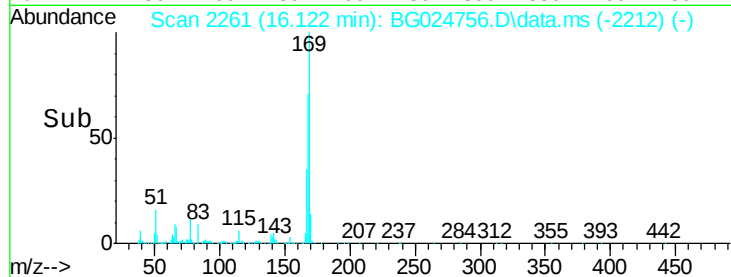
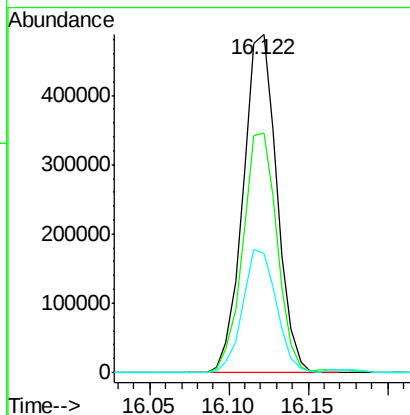
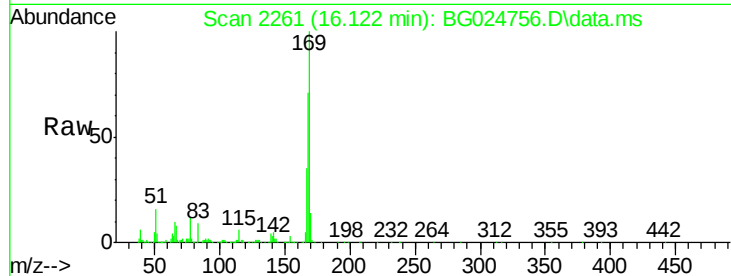
Tot Ion:169 Resp: 717208

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

167 35.3 29.8 44.6



#66

4-Bromophenyl-phenylether

Concen: 39.63 ng

RT: 16.797 min Scan# 2376

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

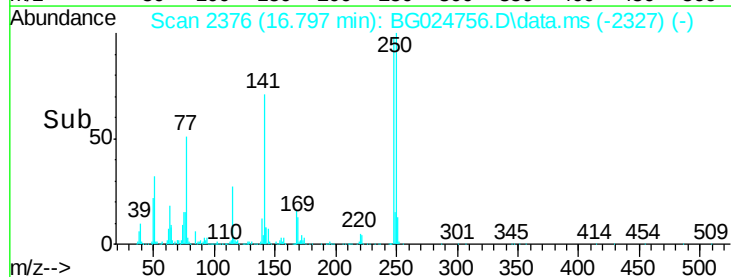
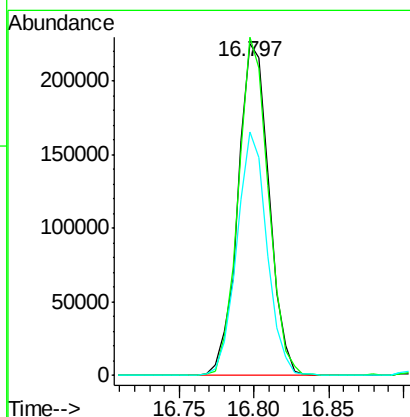
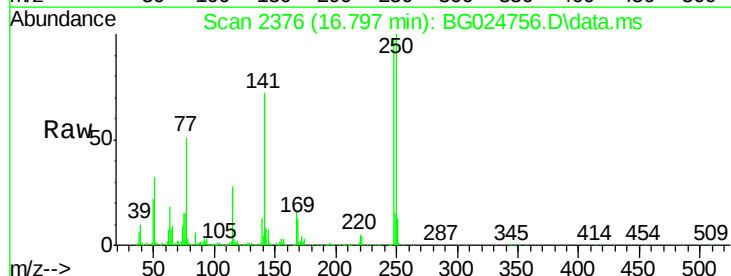
Tgt Ion:248 Resp: 324889

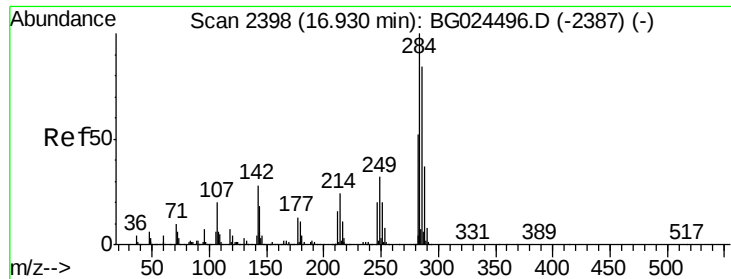
Ion Ratio Lower Upper

248 100

250 101.7 75.0 112.6

141 73.0 55.2 82.8





#67

Hexachlorobenzene

Concen: 40.02 ng

RT: 16.921 min Scan# 2398

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

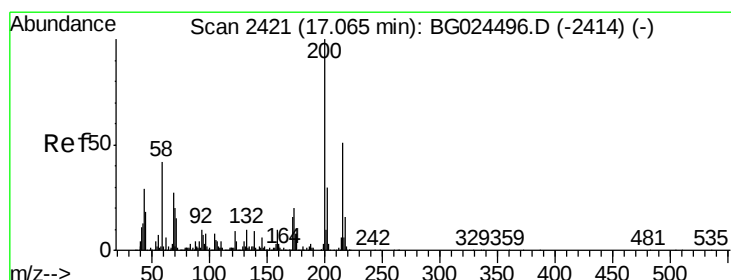
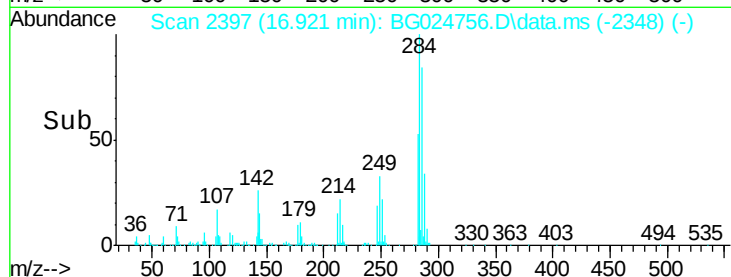
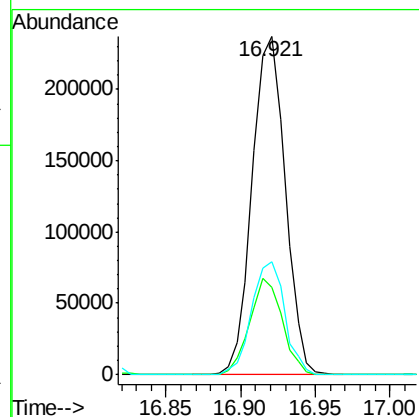
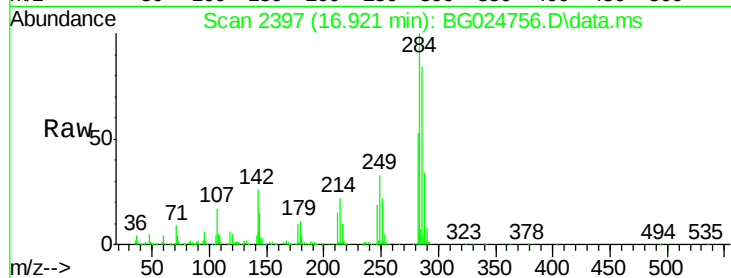
Tot Ion:284 Resp: 362486

Ion Ratio Lower Upper

284 100

142 25.8 29.9 44.9#

249 33.2 29.2 43.8



#68

Atrazine

Concen: 43.61 ng

RT: 17.056 min Scan# 2420

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

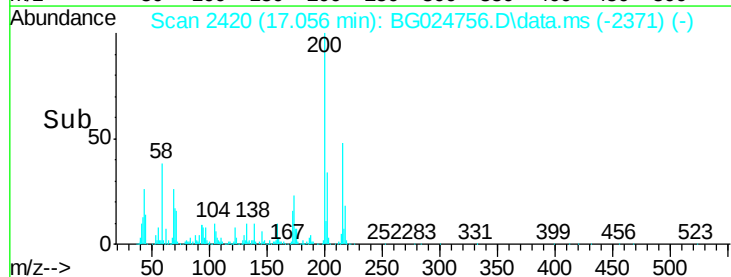
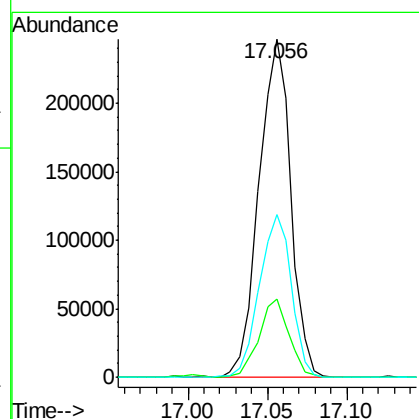
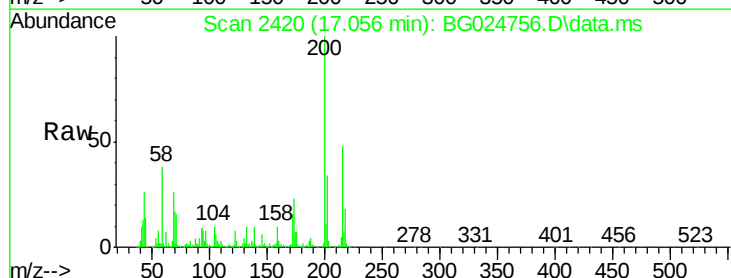
Tgt Ion:200 Resp: 345365

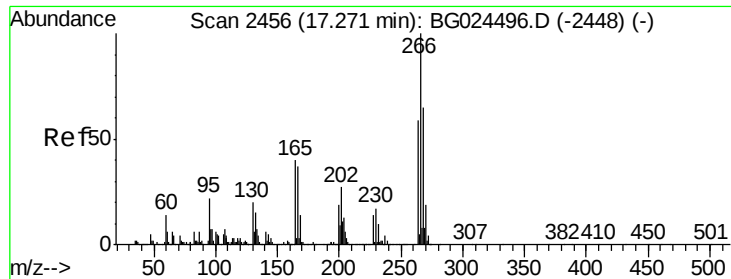
Ion Ratio Lower Upper

200 100

173 23.3 3.0 43.0

215 48.0 28.4 68.4

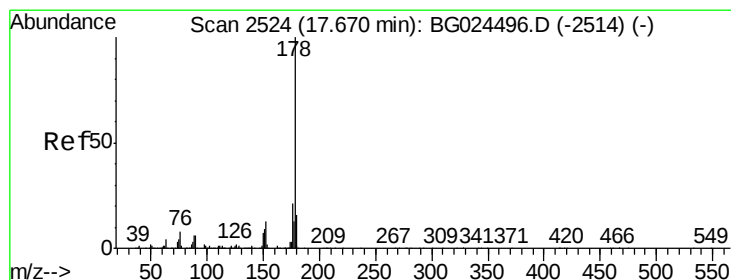
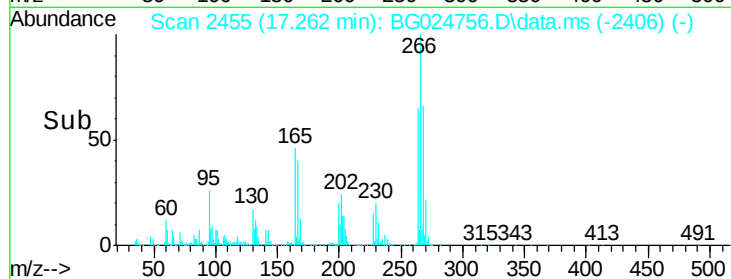
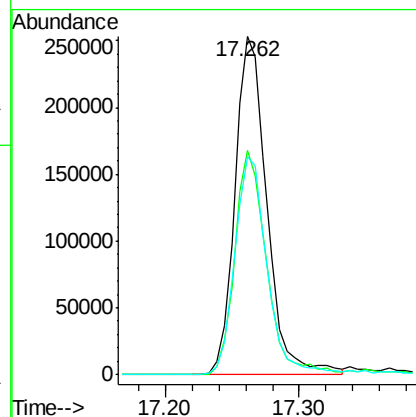
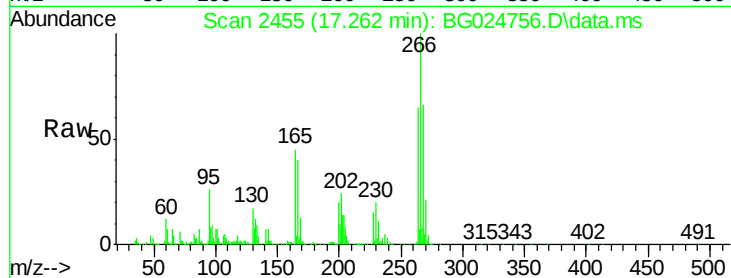




#69  
 Pentachlorophenol  
 Concen: 70.26 ng  
 RT: 17.262 min Scan# 24  
 Delta R.T. -0.009 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

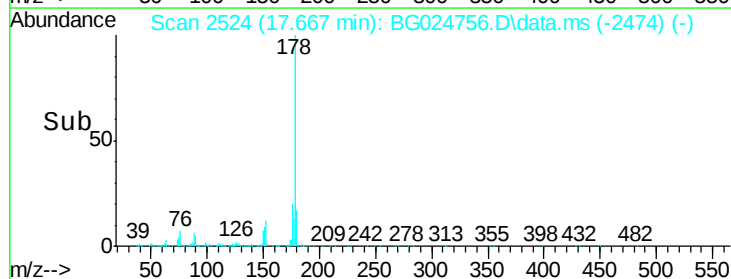
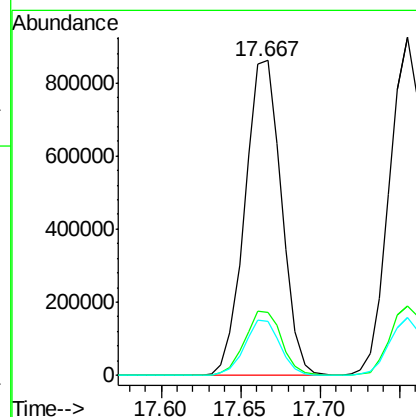
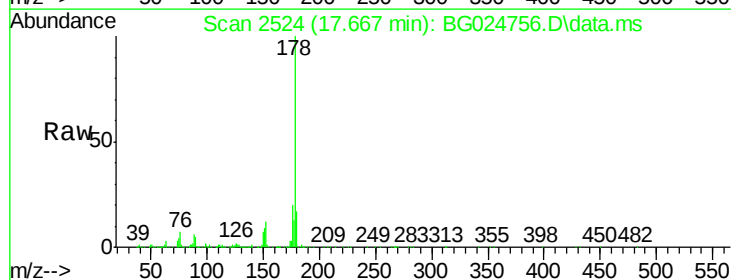
Instrument :  
 BNA\_G  
 ClientSampleId :

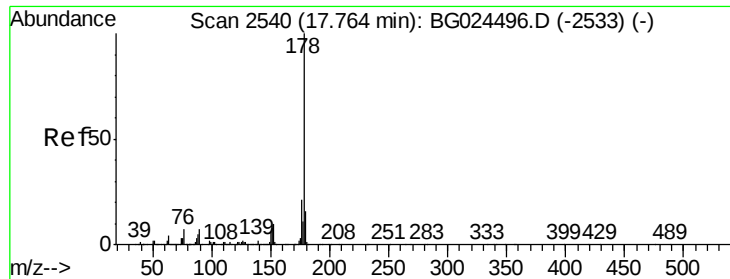
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.4  | 48.6  | 72.8  |
| 264     | 64.6  | 50.1  | 75.1  |



#70  
 Phenanthrene  
 Concen: 40.07 ng  
 RT: 17.667 min Scan# 2524  
 Delta R.T. -0.004 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 17.7  | 26.5  |
| 179     | 16.9  | 15.0  | 22.6  |





#71

Anthracene

Concen: 40.65 ng

RT: 17.755 min Scan# 25

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

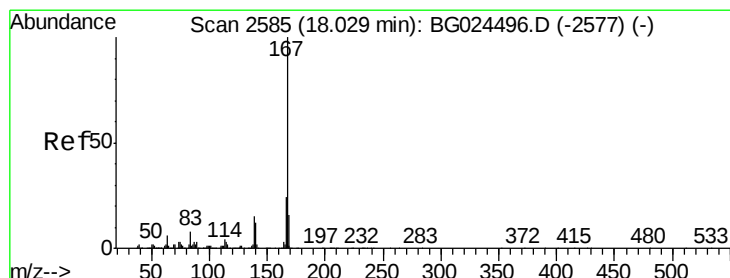
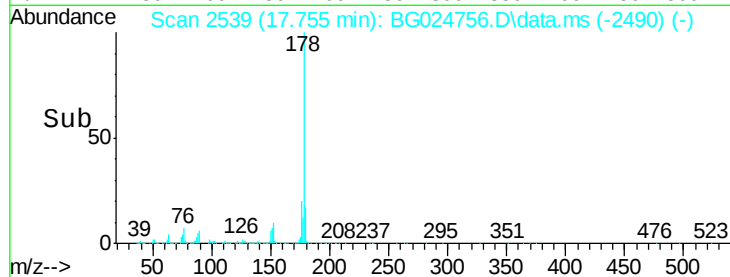
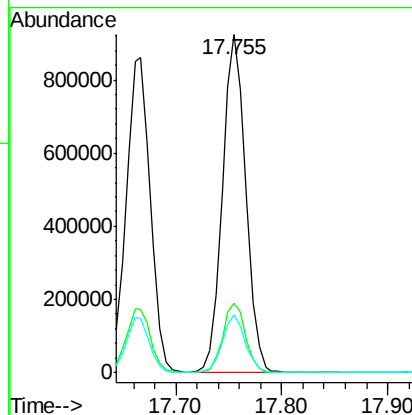
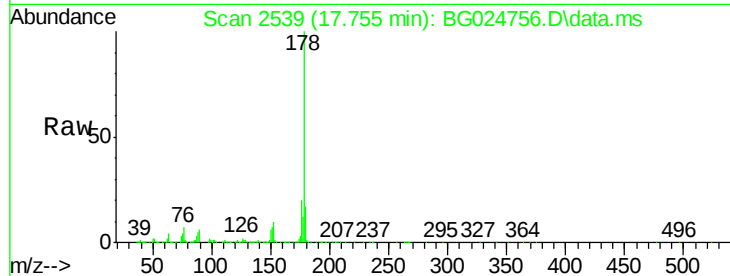
Tot Ion:178 Resp: 1411603

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

179 17.0 13.8 20.8



#72

Carbazole

Concen: 40.28 ng

RT: 18.025 min Scan# 2585

Delta R.T. -0.003 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

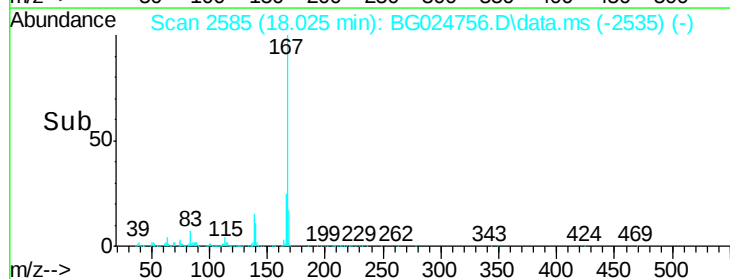
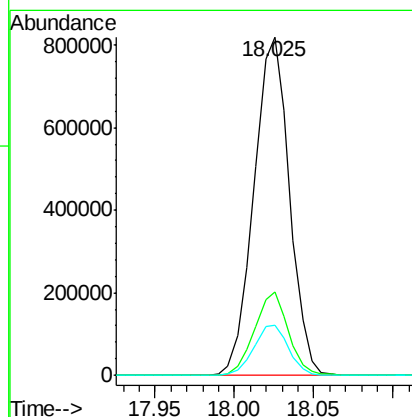
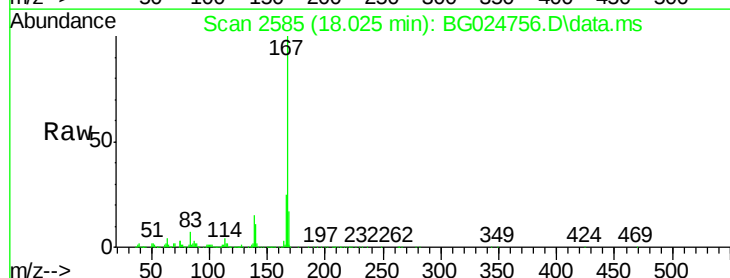
Tgt Ion:167 Resp: 1275518

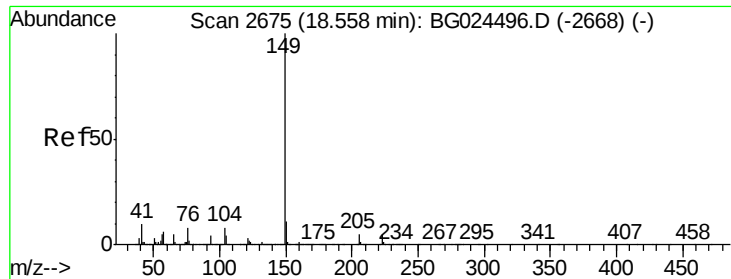
Ion Ratio Lower Upper

167 100

166 24.6 20.2 30.2

139 14.7 12.8 19.2





#73

Di-n-butylphthalate

Concen: 42.01 ng

RT: 18.548 min Scan# 26

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

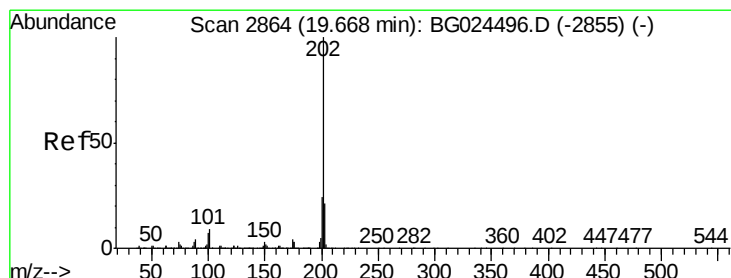
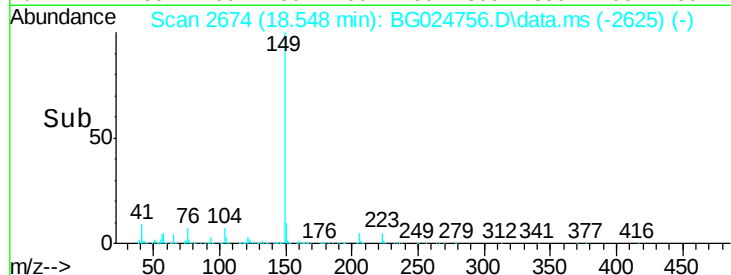
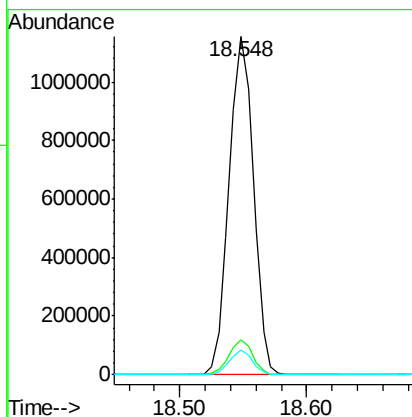
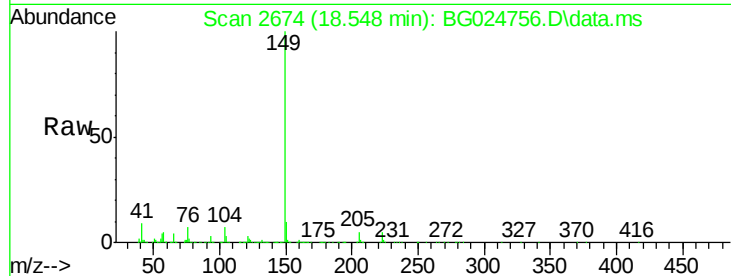
Tot Ion:149 Resp: 1534191

Ion Ratio Lower Upper

149 100

150 10.2 9.1 13.7

104 7.4 6.7 10.1



#74

Fluoranthene

Concen: 42.69 ng

RT: 19.659 min Scan# 2863

Delta R.T. -0.009 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

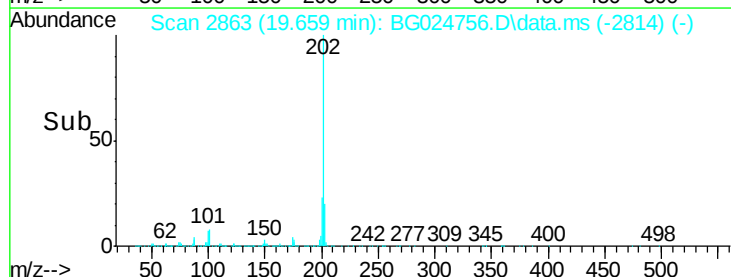
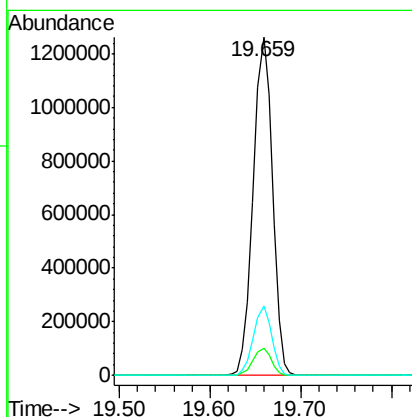
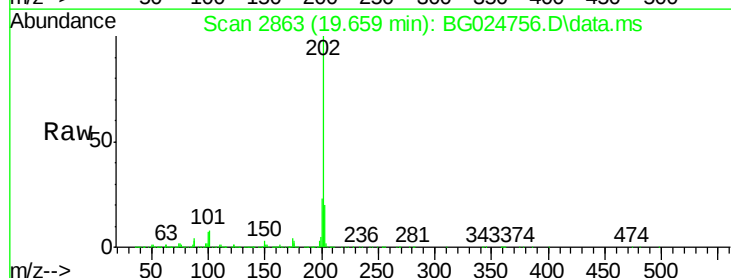
Tgt Ion:202 Resp: 1857393

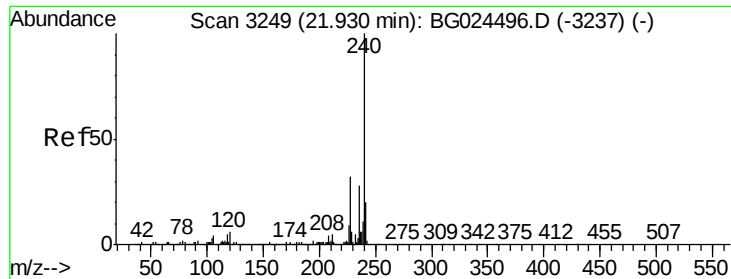
Ion Ratio Lower Upper

202 100

101 8.1 0.0 30.1

203 20.3 1.3 41.3

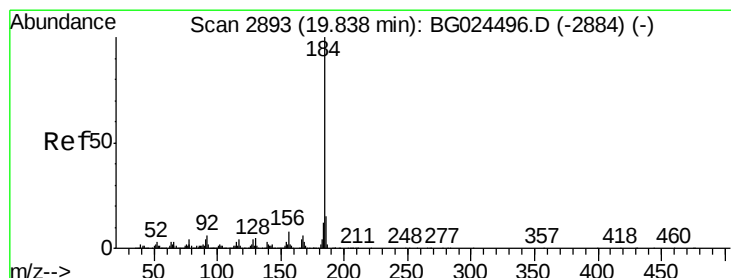
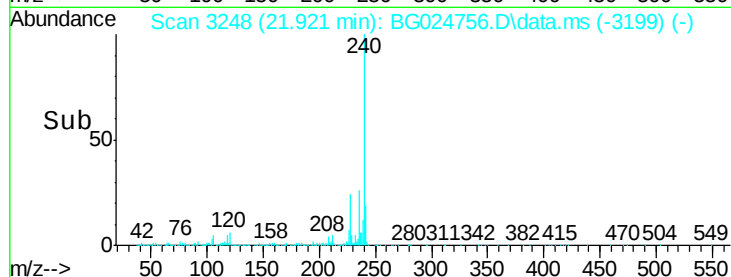
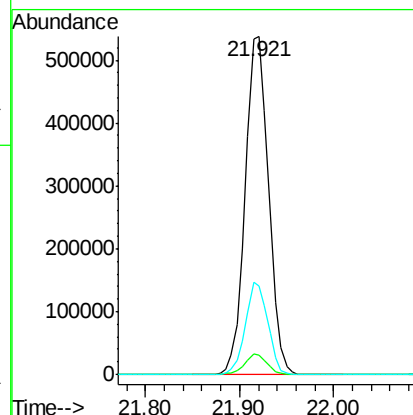
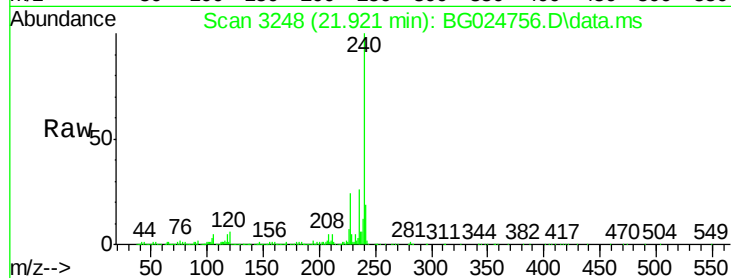




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.921 min Scan# 32  
 Delta R.T. -0.009 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

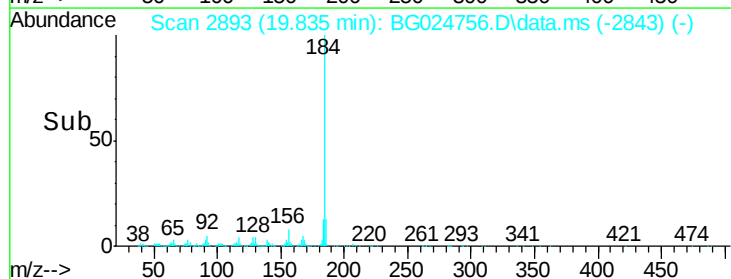
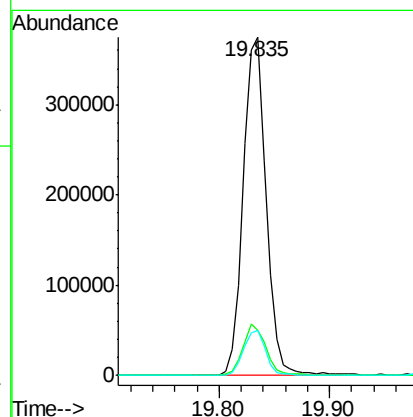
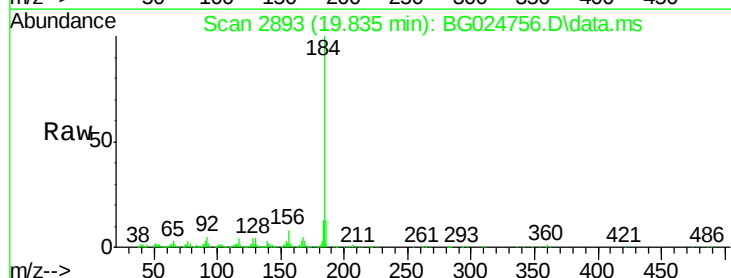
Instrument :  
 BNA\_G  
 ClientSampleId :

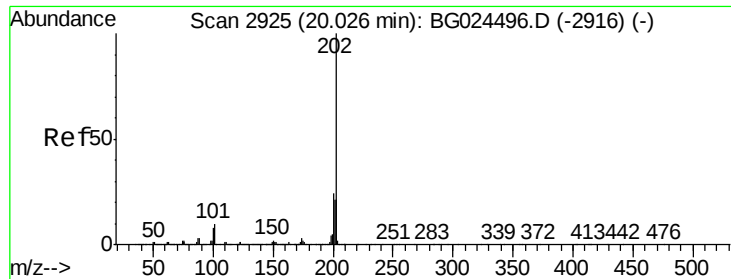
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.7   | 5.7   | 8.5   |
| 236     | 26.3  | 22.2  | 33.4  |



#76  
 Benzidine  
 Concen: 25.13 ng  
 RT: 19.835 min Scan# 2893  
 Delta R.T. -0.004 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.4  | 13.0  | 19.6  |
| 183     | 13.5  | 11.0  | 16.6  |

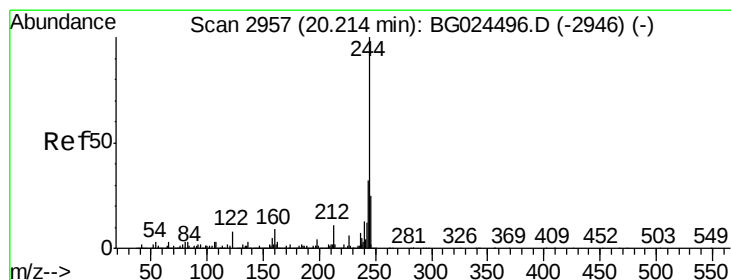
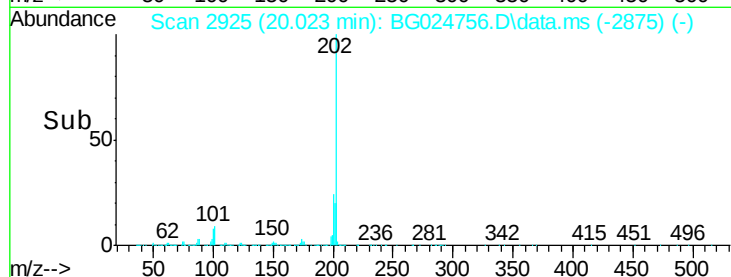
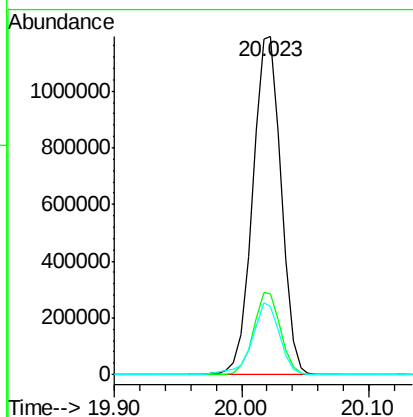
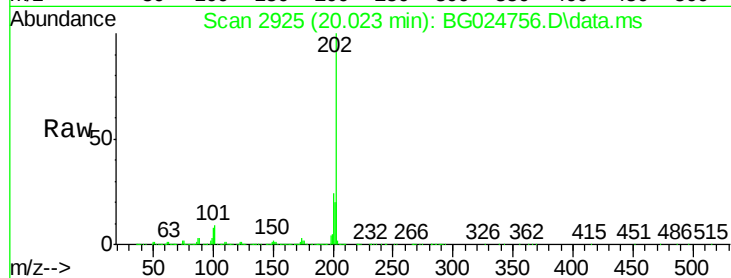




#77  
Pvrene  
Concen: 41.13 ng  
RT: 20.023 min Scan# 2916  
Delta R.T. -0.003 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

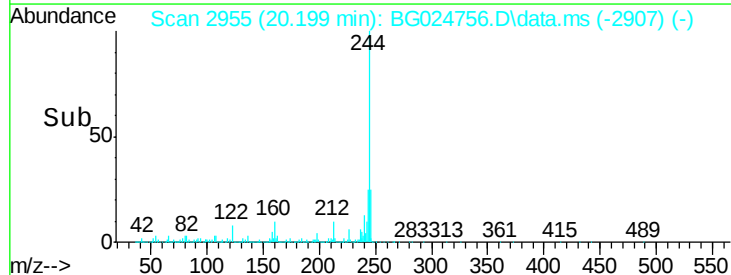
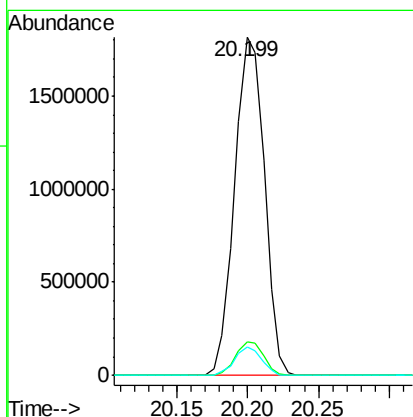
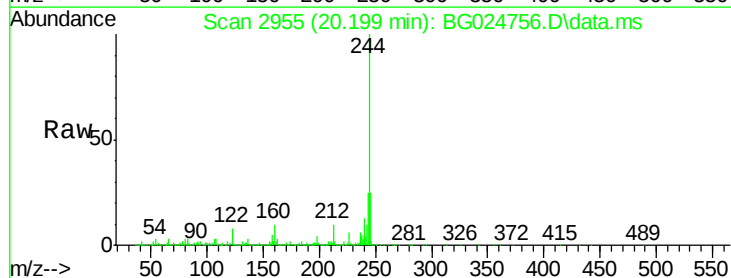
Instrument :  
BNA\_G  
ClientSampleId :

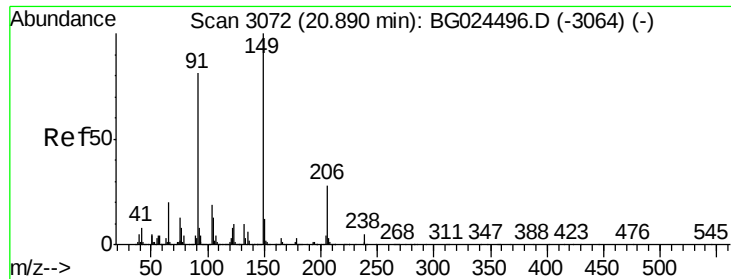
Tot Ion:202 Resp: 1857721  
Ion Ratio Lower Upper  
202 100  
200 23.7 19.6 29.4  
203 20.2 15.8 23.8



#78  
Terphenyl-d14  
Concen: 86.50 ng  
RT: 20.199 min Scan# 2955  
Delta R.T. -0.015 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

Tgt Ion:244 Resp: 2674902  
Ion Ratio Lower Upper  
244 100  
212 10.0 10.0 15.0#  
122 8.3 8.6 12.8#

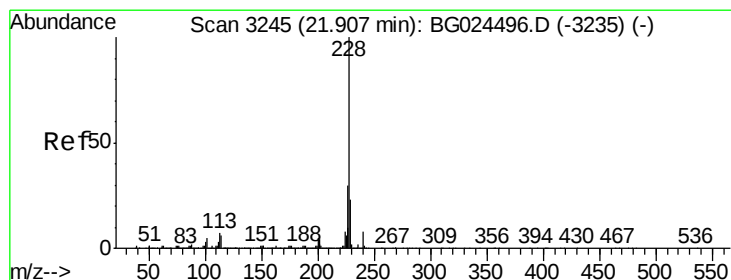
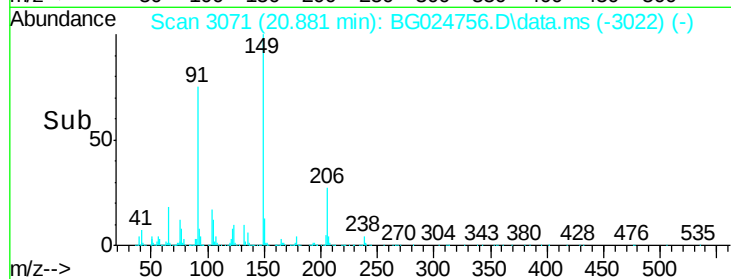
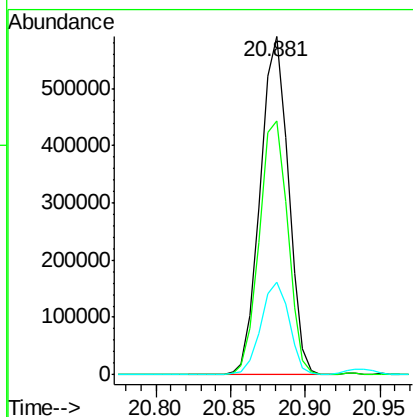
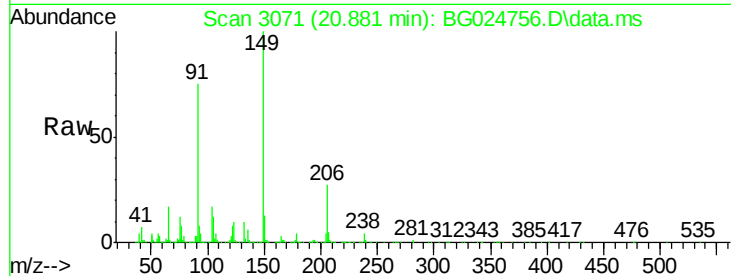




#79  
Butylbenzylphthalate  
Concen: 40.83 ng  
RT: 20.881 min Scan# 3072  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

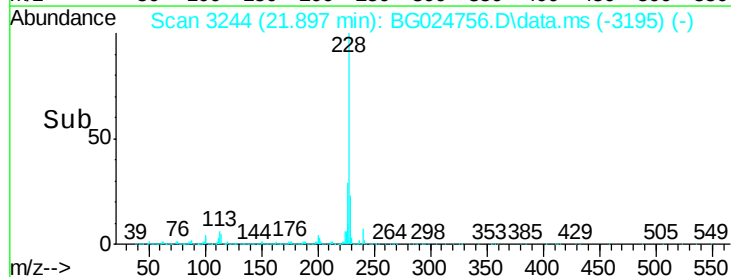
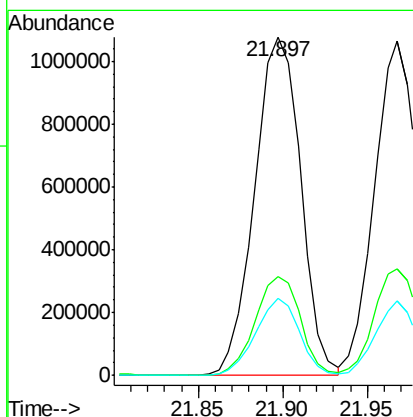
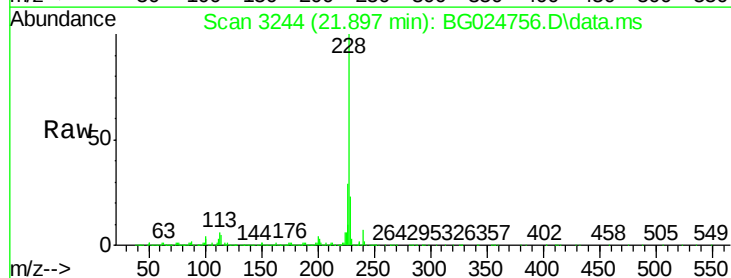
Instrument :  
BNA\_G  
ClientSampleId :

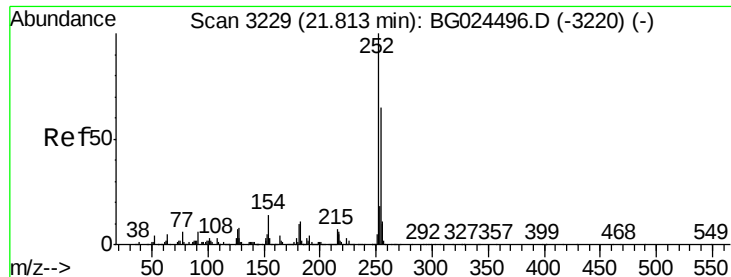
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 75.2  | 63.5  | 95.3  |
| 206     | 27.5  | 21.0  | 31.6  |



#80  
Benzo(a)anthracene  
Concen: 40.26 ng  
RT: 21.897 min Scan# 3244  
Delta R.T. -0.009 min  
Lab File: BG024756.D  
Acq: 8 Nov 2016 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.3  | 24.9  | 37.3  |
| 229     | 22.6  | 18.2  | 27.2  |

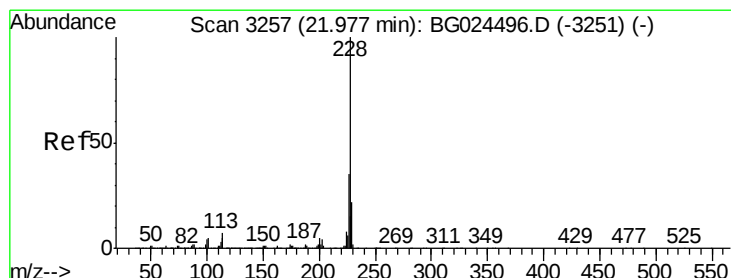
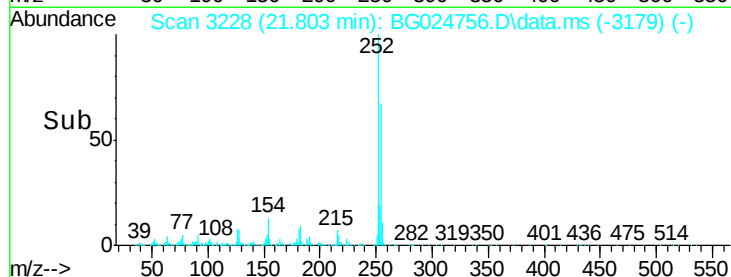
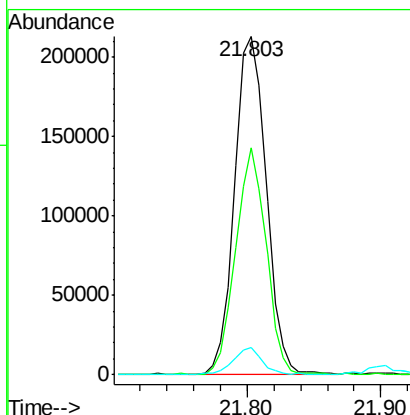
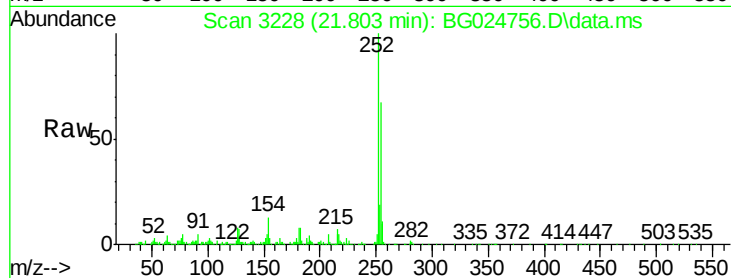




#81  
 3,3'-Dichlorobenzidine  
 Concen: 17.13 ng  
 RT: 21.803 min Scan# 321  
 Delta R.T. -0.009 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

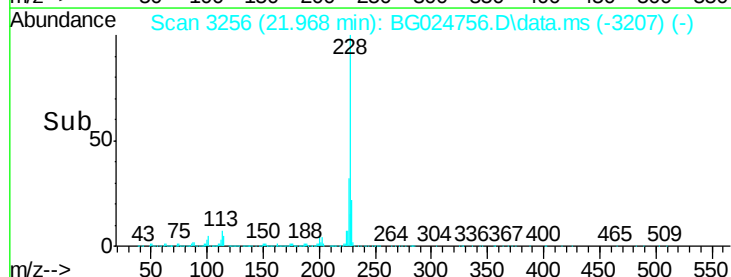
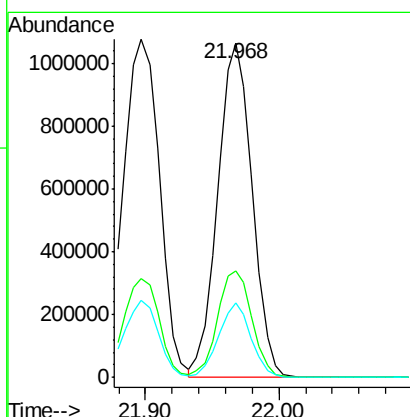
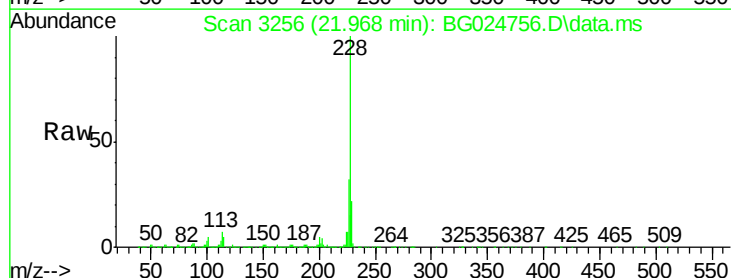
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:252 Resp: 350747  
 Ion Ratio Lower Upper  
 252 100  
 254 67.2 53.1 79.7  
 126 7.8 7.0 10.4



#82  
 Chrysene  
 Concen: 39.65 ng  
 RT: 21.968 min Scan# 3256  
 Delta R.T. -0.009 min  
 Lab File: BG024756.D  
 Acq: 8 Nov 2016 12:53

Tgt Ion:228 Resp: 1917090  
 Ion Ratio Lower Upper  
 228 100  
 226 32.0 27.0 40.4  
 229 22.3 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.65 ng

RT: 21.756 min Scan# 32

Delta R.T. -0.015 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

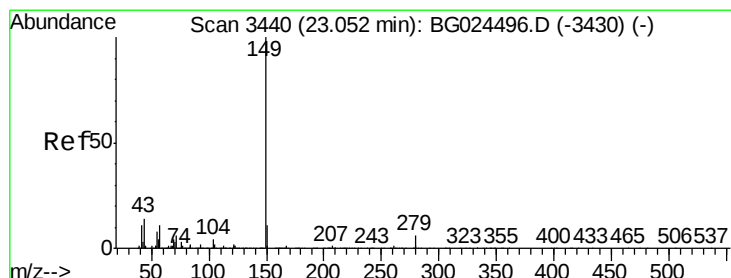
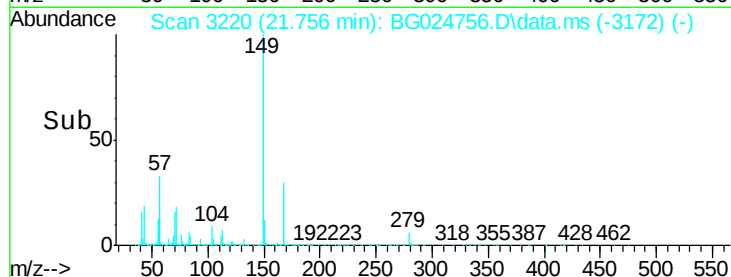
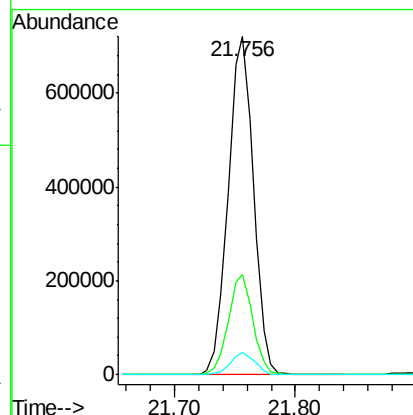
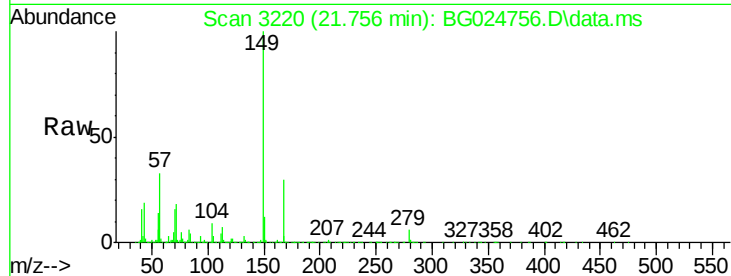
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:149 Resp: 1041170

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.5  | 23.7  | 35.5  |
| 279 | 6.4   | 4.6   | 6.8   |



#84

Di-n-octyl phthalate

Concen: 39.70 ng

RT: 23.031 min Scan# 3437

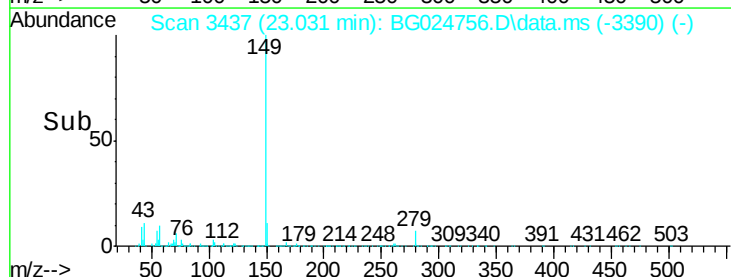
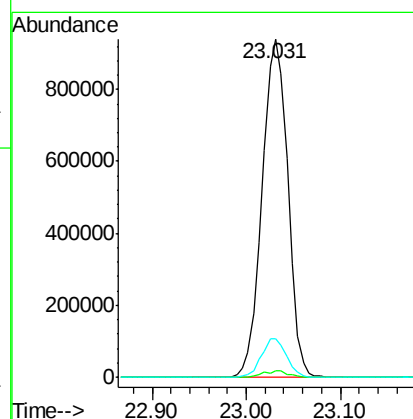
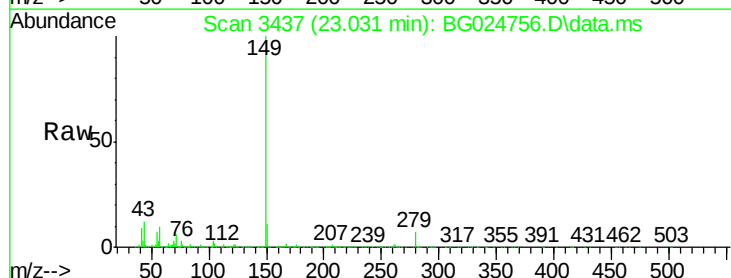
Delta R.T. -0.021 min

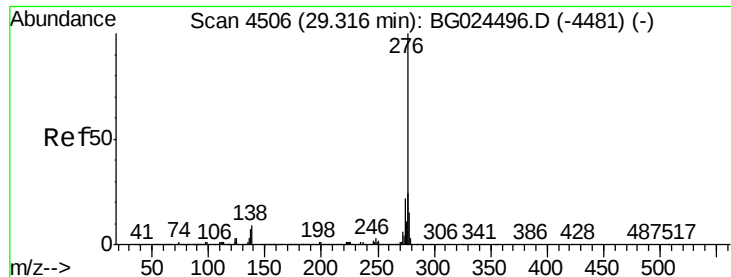
Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Tgt Ion:149 Resp: 1774974

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.9   | 1.4   | 2.2   |
| 43  | 11.3  | 11.8  | 17.6# |





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.94 ng

RT: 29.294 min Scan# 45

Delta R.T. -0.021 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

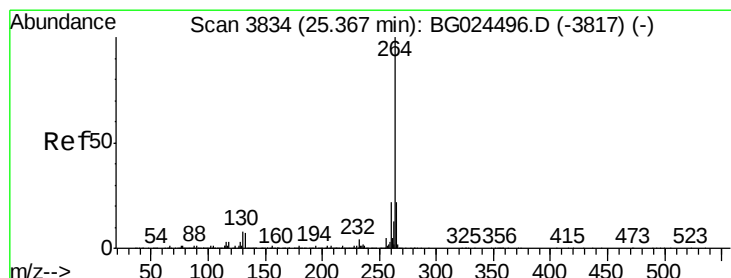
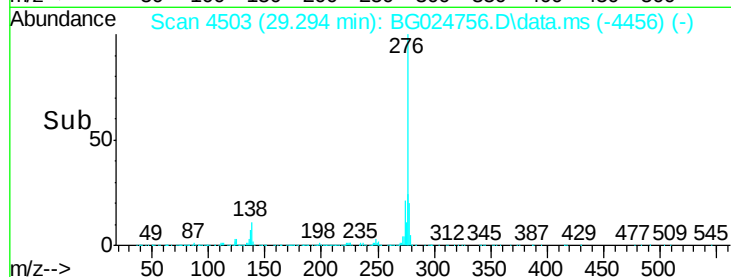
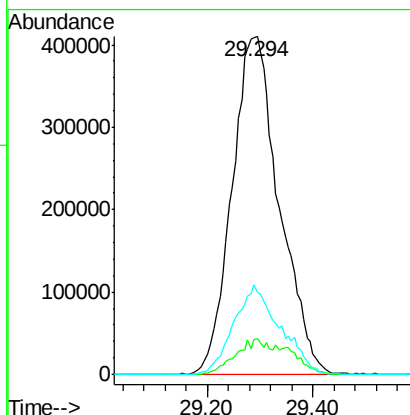
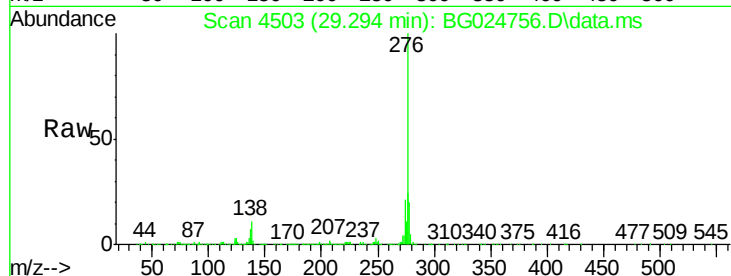
Tot Ion:276 Resp: 2531792

Ion Ratio Lower Upper

276 100

138 7.5 4.7 7.1#

277 26.0 20.6 31.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.346 min Scan# 3831

Delta R.T. -0.021 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

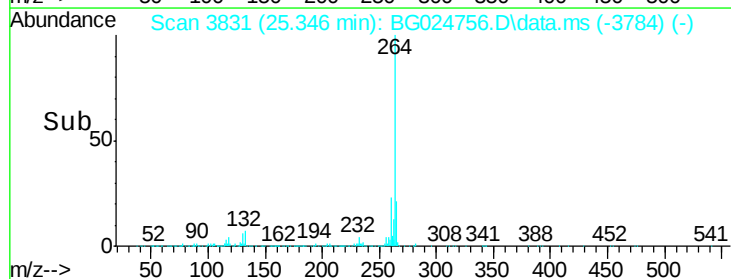
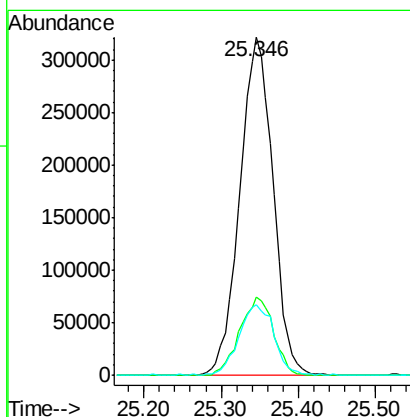
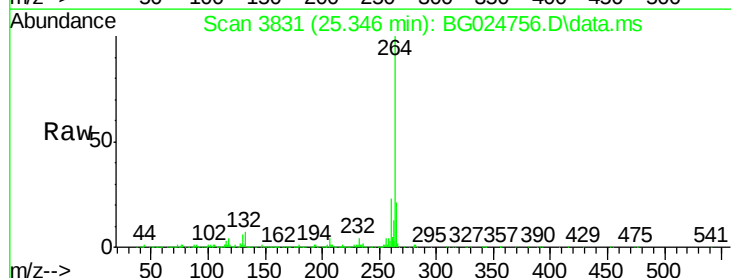
Tgt Ion:264 Resp: 966173

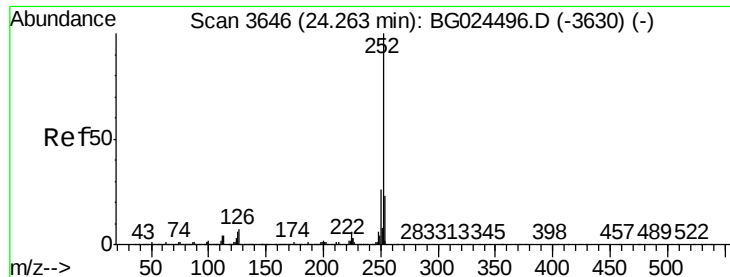
Ion Ratio Lower Upper

264 100

260 23.0 21.8 32.8

265 20.9 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 38.71 ng

RT: 24.318 min Scan# 36

Delta R.T. 0.055 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

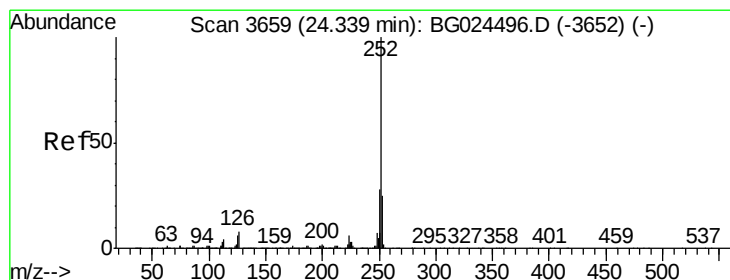
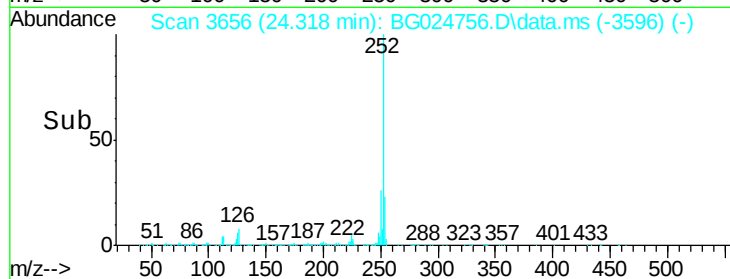
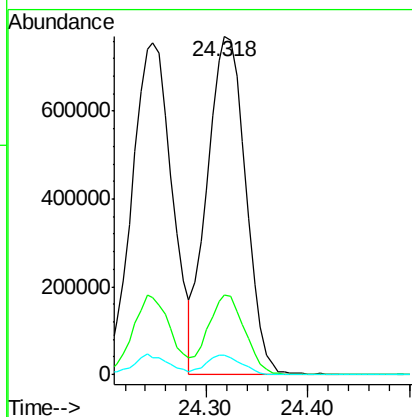
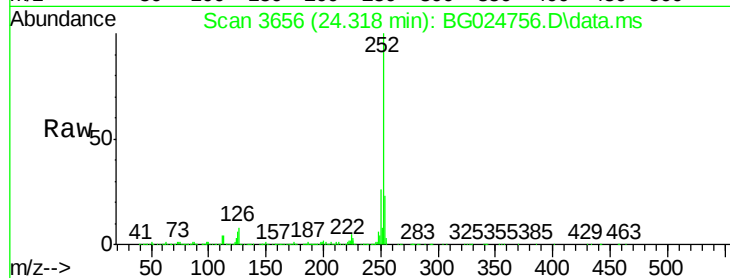
Tot Ion:252 Resp: 2021554

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

125 5.8 5.3 7.9



#88

Benzo(k)fluoranthene

Concen: 40.08 ng

RT: 24.318 min Scan# 3656

Delta R.T. -0.021 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

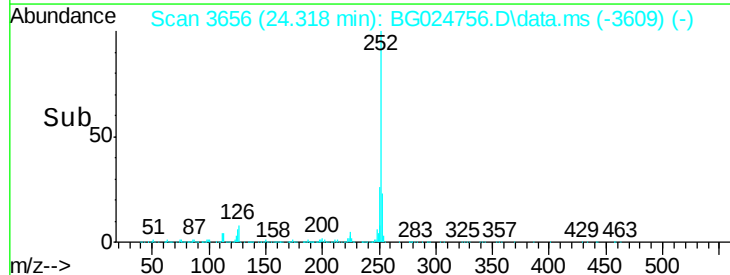
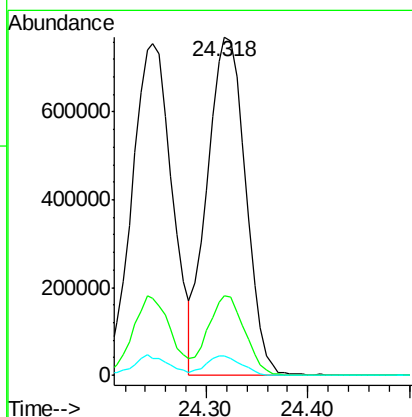
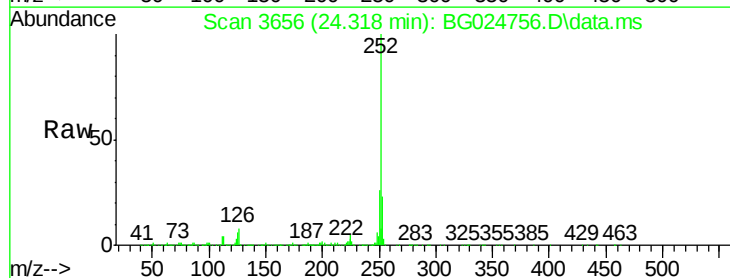
Tgt Ion:252 Resp: 2021554

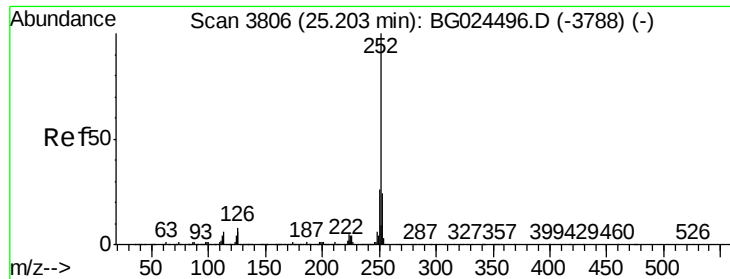
Ion Ratio Lower Upper

252 100

253 23.4 20.2 30.2

125 5.8 5.1 7.7





#89

Benzo(a)pyrene

Concen: 39.66 ng

RT: 25.182 min Scan# 38

Delta R.T. -0.021 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

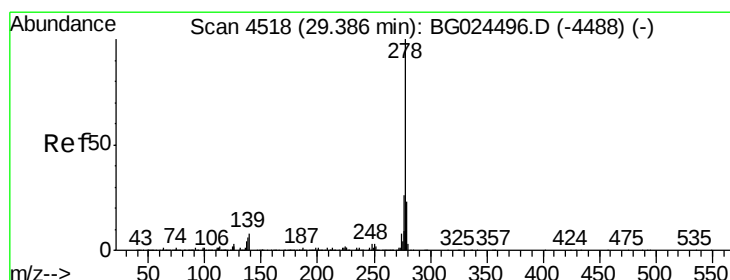
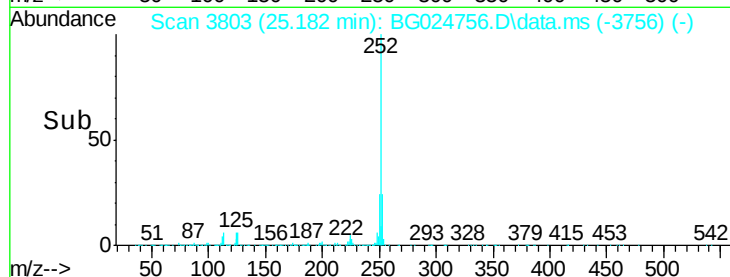
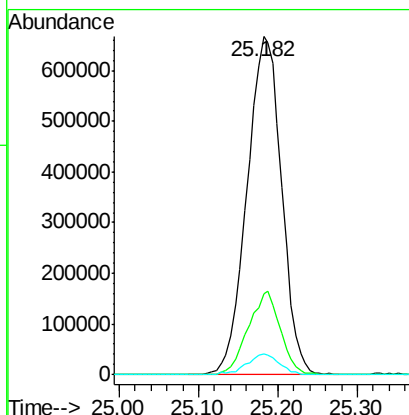
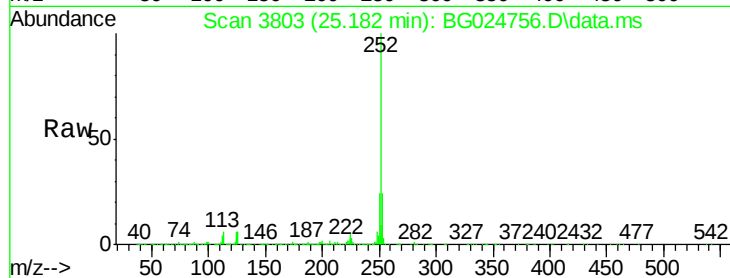
Tot Ion:252 Resp: 2024036

Ion Ratio Lower Upper

252 100

253 23.9 19.2 28.8

125 6.2 5.4 8.0



#90

Dibenzo(a,h)anthracene

Concen: 38.00 ng

RT: 29.359 min Scan# 4514

Delta R.T. -0.027 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

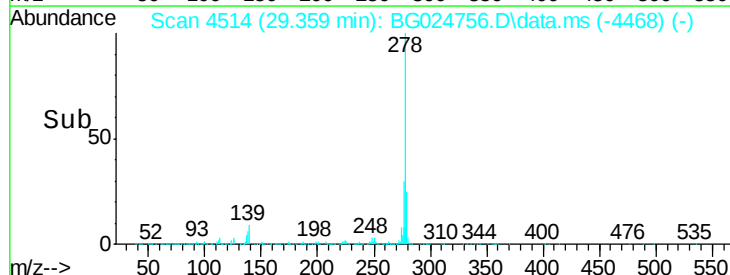
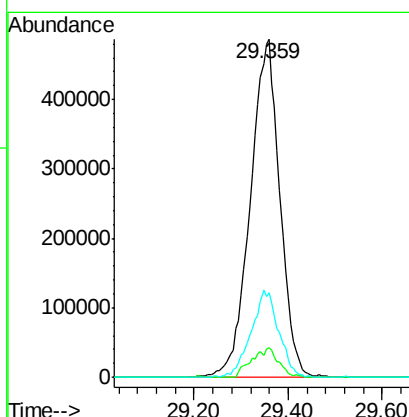
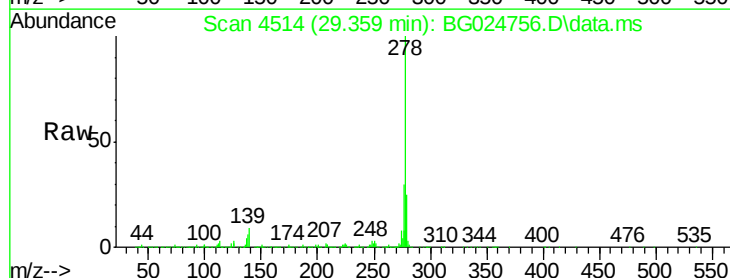
Tgt Ion:278 Resp: 2128566

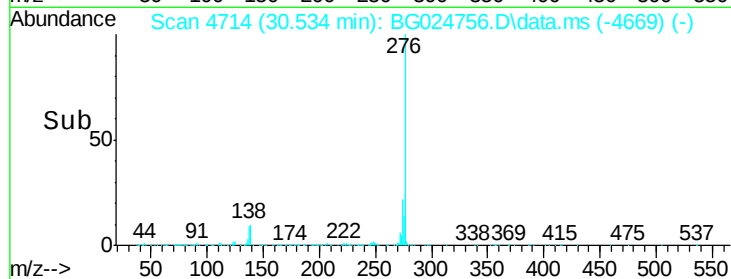
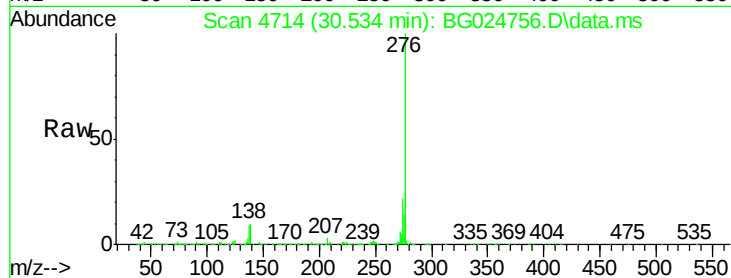
Ion Ratio Lower Upper

278 100

139 8.8 7.7 11.5

279 25.2 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 37.94 ng

RT: 30.534 min Scan# 47

Delta R.T. -0.033 min

Lab File: BG024756.D

Acq: 8 Nov 2016 12:53

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:276 Resp: 2123029

Ion Ratio Lower Upper

276 100

277 24.1 18.6 27.8

138 9.8 8.1 12.1

