

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\  
 Data File : BG022616.D  
 Acq On : 26 Jun 2016 19:24  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 27 01:12:30 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 20:14:59 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 182167   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.99 | 136  | 757143   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.80 | 164  | 540336   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 1326278  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 1451247  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.22 | 264  | 1549373  | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.71  | 112 | 873851  | 76.94 | ng | 0.00 |
| 7) Phenol-d6             | 7.31  | 99  | 1253265 | 78.29 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.34  | 82  | 1369331 | 76.55 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 711388  | 83.71 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.42 | 172 | 2509127 | 73.64 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.16 | 244 | 3389855 | 61.89 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.59  | 88  | 181754  | 39.48 | ng | # 94   |
| 3) Pyridine                    | 3.99  | 79  | 576569  | 44.78 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.90  | 42  | 269491  | 36.59 | ng | 94     |
| 6) Aniline                     | 7.49  | 93  | 875562  | 41.25 | ng | 97     |
| 8) 2-Chlorophenol              | 7.73  | 128 | 459555  | 39.06 | ng | 98     |
| 9) Benzaldehyde                | 7.30  | 77  | 258370  | 45.86 | ng | 92     |
| 10) Phenol                     | 7.34  | 94  | 671081  | 39.66 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93  | 522321  | 37.50 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146 | 542272  | 37.88 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.20  | 146 | 546070  | 38.05 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.52  | 146 | 518682  | 38.00 | ng | 93     |
| 15) Benzyl Alcohol             | 8.40  | 79  | 628785  | 42.45 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.70  | 45  | 586551  | 38.08 | ng | 99     |
| 17) 2-Methylphenol             | 8.60  | 107 | 438099  | 39.28 | ng | 98     |
| 18) Hexachloroethane           | 9.25  | 117 | 228773  | 38.51 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.97  | 70  | 513446  | 38.51 | ng | 91     |
| 20) 3+4-Methylphenols          | 8.93  | 107 | 609602  | 39.68 | ng | 96     |
| 22) Acetophenone               | 8.99  | 105 | 850067  | 38.84 | ng | 94     |
| 24) Nitrobenzene               | 9.38  | 77  | 751150  | 37.99 | ng | 91     |
| 25) Isophorone                 | 9.90  | 82  | 1323614 | 38.12 | ng | # 94   |
| 26) 2-Nitrophenol              | 10.09 | 139 | 297966  | 41.84 | ng | 88     |
| 27) 2,4-Dimethylphenol         | 10.14 | 122 | 485956  | 35.71 | ng | 86     |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93  | 721838  | 38.07 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 541149  | 40.82 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.85 | 180 | 597167  | 37.94 | ng | 96     |
| 31) Naphthalene                | 11.04 | 128 | 1431167 | 37.60 | ng | 100    |
| 32) Benzoic acid               | 10.28 | 122 | 383152  | 43.60 | ng | 93     |
| 33) 4-Chloroaniline            | 11.14 | 127 | 682488  | 41.63 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.32 | 225 | 461793  | 37.74 | ng | 95     |
| 35) Caprolactam                | 11.93 | 113 | 184382  | 44.15 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.25 | 107 | 664172  | 40.81 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 1128674 | 38.24 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 749864  | 36.76 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237 | 576559  | 35.40 | ng | 98     |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\  
 Data File : BG022616.D  
 Acq On : 26 Jun 2016 19:24  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 27 01:12:30 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 20:14:59 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.23 | 196  | 521459   | 39.86 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.30 | 196  | 549924   | 40.18 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 13.63 | 154  | 1520371  | 36.94 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.68 | 162  | 1260563  | 37.22 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.88 | 65   | 518197   | 39.64 | nq    | 96       |
| 48) Acenaphthylene             | 14.52 | 152  | 1844783  | 37.55 | nq    | 96       |
| 49) Dimethylphthalate          | 14.25 | 163  | 1643527  | 36.67 | nq    | # 96     |
| 50) 2,6-Dinitrotoluene         | 14.37 | 165  | 389618   | 40.00 | nq    | 98       |
| 51) Acenaphthene               | 14.87 | 154  | 1412620  | 39.03 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.70 | 138  | 381075   | 41.81 | nq    | 89       |
| 53) 2,4-Dinitrophenol          | 14.90 | 184  | 256767   | 42.80 | nq    | 92       |
| 54) Dibenzofuran               | 15.19 | 168  | 1916645  | 36.57 | nq    | 95       |
| 55) 4-Nitrophenol              | 14.99 | 139  | 319613   | 41.47 | nq    | 96       |
| 56) 2,4-Dinitrotoluene         | 15.15 | 165  | 562885   | 41.72 | nq    | 92       |
| 57) Fluorene                   | 15.85 | 166  | 1566051  | 37.44 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.34 | 232  | 588982   | 41.50 | nq    | 95       |
| 59) Diethylphthalate           | 15.61 | 149  | 1688027  | 36.63 | nq    | 95       |
| 60) 4-Chlorophenyl-phenylether | 15.84 | 204  | 953682   | 38.30 | nq    | 96       |
| 61) 4-Nitroaniline             | 15.86 | 138  | 390924   | 41.57 | nq    | 92       |
| 62) Azobenzene                 | 16.13 | 77   | 1828879  | 36.65 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198  | 366151   | 41.16 | nq    | 96       |
| 65) n-Nitrosodiphenylamine     | 16.05 | 169  | 1484870  | 38.47 | nq    | 94       |
| 66) 4-Bromophenyl-phenylether  | 16.73 | 248  | 665122   | 38.66 | nq    | 99       |
| 67) Hexachlorobenzene          | 16.85 | 284  | 708802   | 38.96 | nq    | 98       |
| 68) Atrazine                   | 17.00 | 200  | 662946   | 40.68 | nq    | 97       |
| 69) Pentachlorophenol          | 17.20 | 266  | 502106   | 40.10 | nq    | 98       |
| 70) Phenanthrene               | 17.60 | 178  | 2489582  | 36.81 | nq    | 93       |
| 71) Anthracene                 | 17.69 | 178  | 2547330  | 36.59 | nq    | 94       |
| 72) Carbazole                  | 17.96 | 167  | 2245001  | 38.05 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.51 | 149  | 2565096  | 37.33 | nq    | 96       |
| 74) Fluoranthene               | 19.60 | 202  | 2879373  | 36.95 | nq    | 91       |
| 76) Benzidine                  | 19.78 | 184  | 1078732  | 69.82 | nq    | 99       |
| 77) Pyrene                     | 19.97 | 202  | 2918504  | 37.76 | nq    | # 92     |
| 79) Butylbenzylphthalate       | 20.84 | 149  | 1323752  | 39.56 | nq    | 96       |
| 80) Benzo(a)anthracene         | 21.83 | 228  | 3100830  | 38.61 | nq    | 95       |
| 81) 3,3'-Dichlorobenzidine     | 21.74 | 252  | 1285983  | 38.77 | nq    | 96       |
| 82) Chrysene                   | 21.90 | 228  | 2887065  | 38.26 | nq    | 90       |
| 83) Bis(2-ethylhexyl)phthalate | 21.72 | 149  | 1742250  | 36.98 | nq    | 94       |
| 84) Di-n-octyl phthalate       | 22.99 | 149  | 2886460  | 37.17 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 29.07 | 276  | 3959468  | 39.93 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.14 | 252  | 3468991  | 37.24 | nq    | 94       |
| 88) Benzo(k)fluoranthene       | 24.21 | 252  | 3220461  | 36.57 | nq    | # 93     |
| 89) Benzo(a)pyrene             | 25.05 | 252  | 3356433  | 36.96 | nq    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 29.14 | 278  | 3281596  | 38.38 | nq    | # 91     |
| 91) Benzo(g,h,i)perylene       | 30.28 | 276  | 3252629  | 37.37 | nq    | # 94     |

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



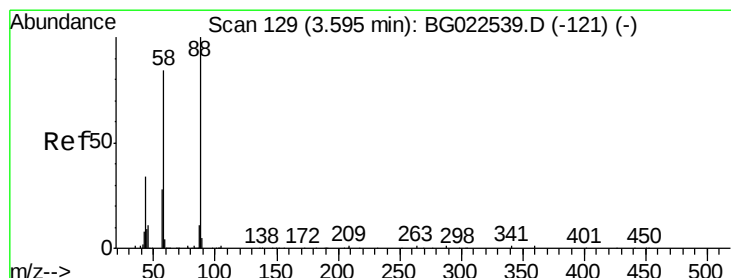
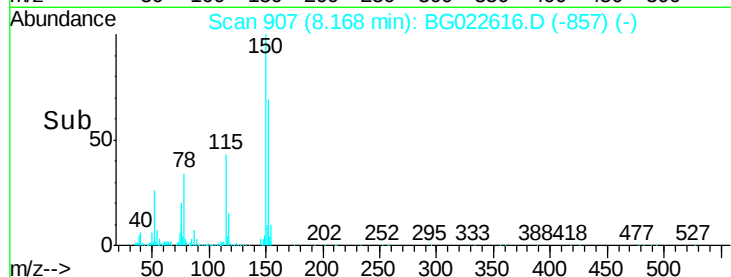
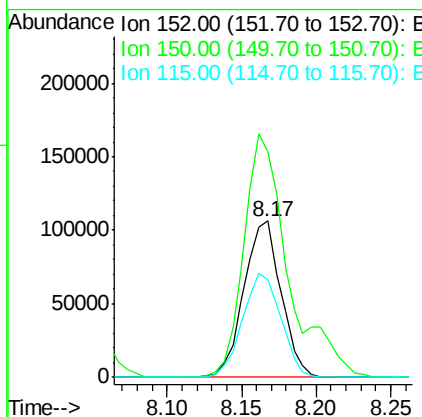
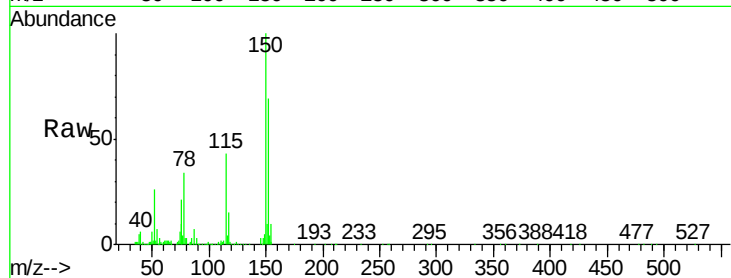


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.17 min Scan# 907  
Delta R.T. -0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Instrument :  
BNA\_G  
ClientSampleId :

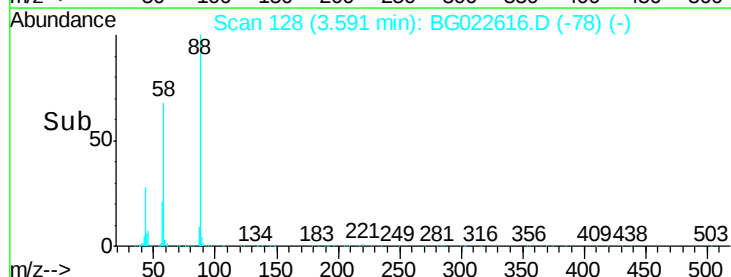
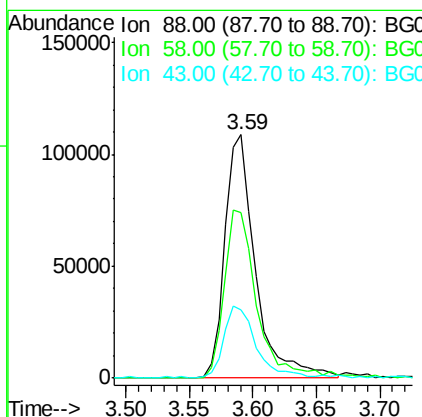
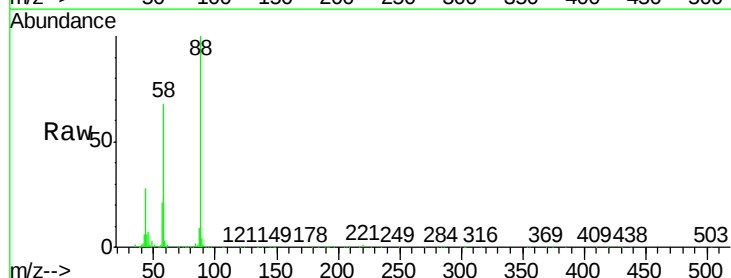
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 145.0 | 144.7 | 217.1 |
| 115     | 62.8  | 64.0  | 96.0  |

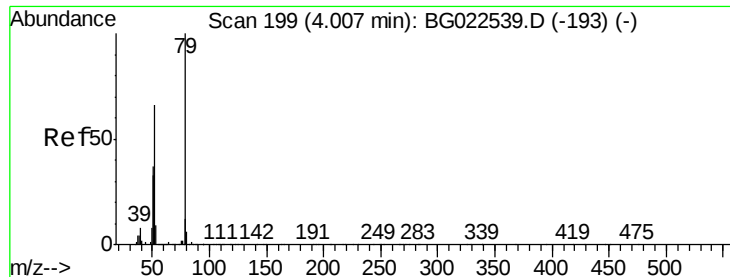


#2

1,4-Dioxane  
Concen: 39.48 ng  
RT: 3.59 min Scan# 128  
Delta R.T. -0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 73.8  | 60.4  | 90.6  |
| 43      | 30.6  | 31.1  | 46.7  |





#3

Pvridine

Concen: 44.78 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.02 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

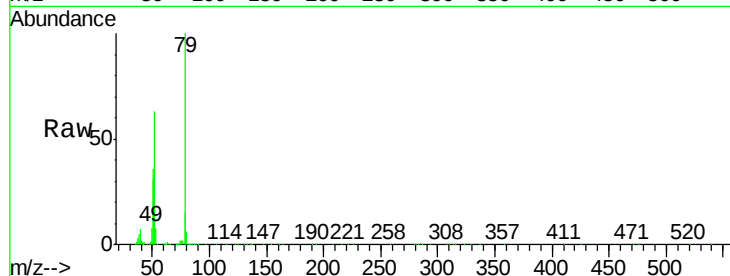
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 79 Resp: 576569

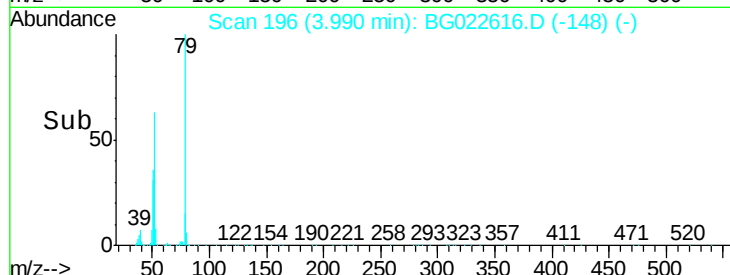
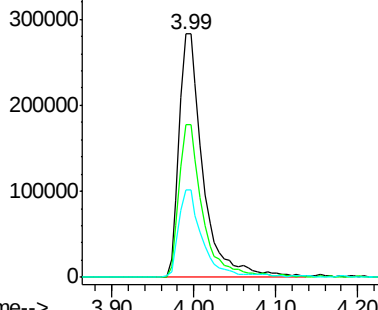
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 62.9  | 51.8  | 77.8  |
| 51  | 35.7  | 32.7  | 49.1  |



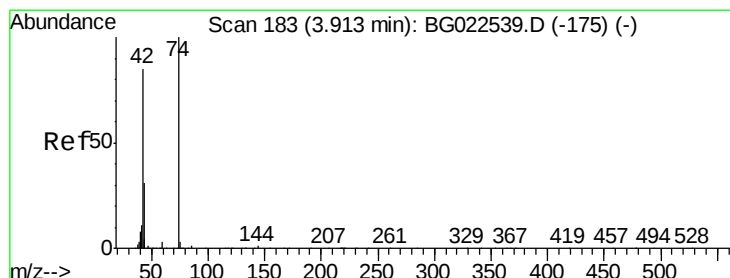
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 36.59 ng

RT: 3.90 min Scan# 181

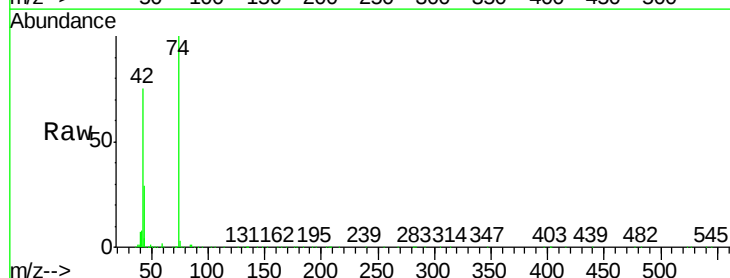
Delta R.T. -0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Tgt Ion: 42 Resp: 269491

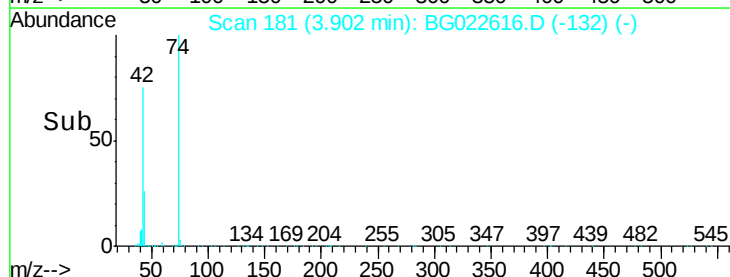
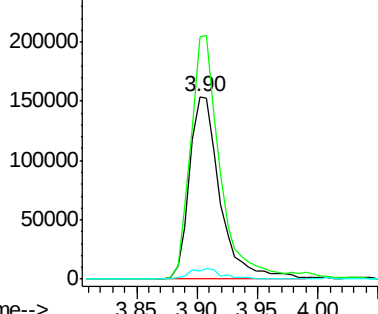
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 132.8 | 100.6 | 150.8 |
| 44  | 4.8   | 4.5   | 6.7   |

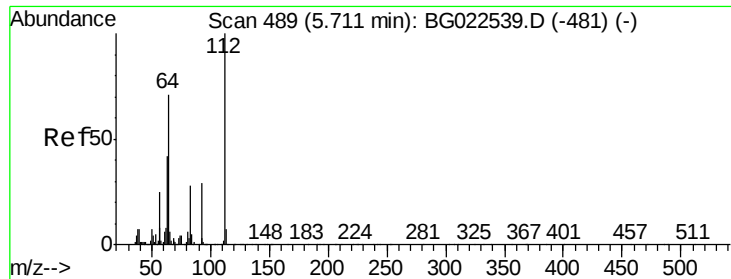


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 76.94 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

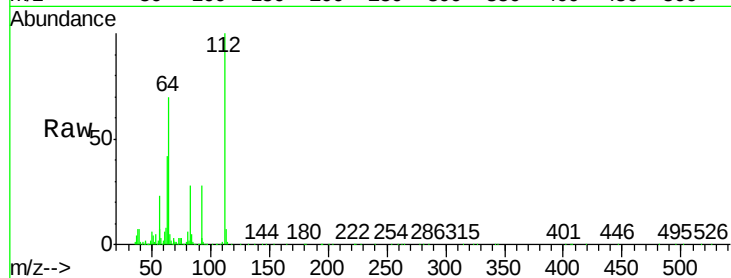
Tot Ion: 112 Resp: 873851

Ion Ratio Lower Upper

112 100

64 70.1 59.0 88.4

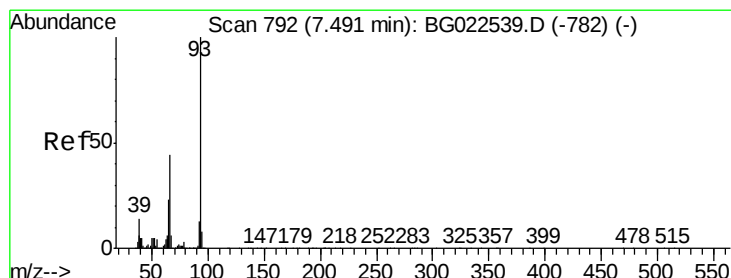
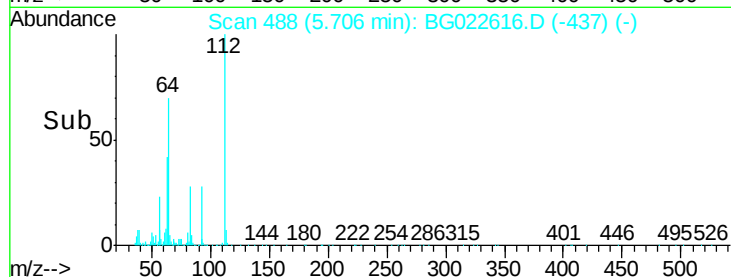
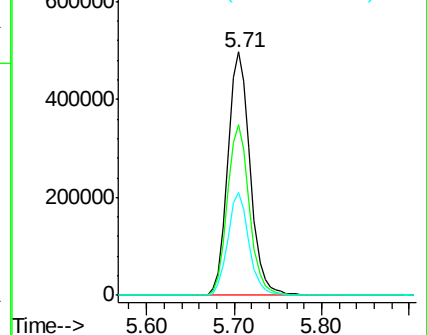
63 42.3 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.25 ng

RT: 7.49 min Scan# 791

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

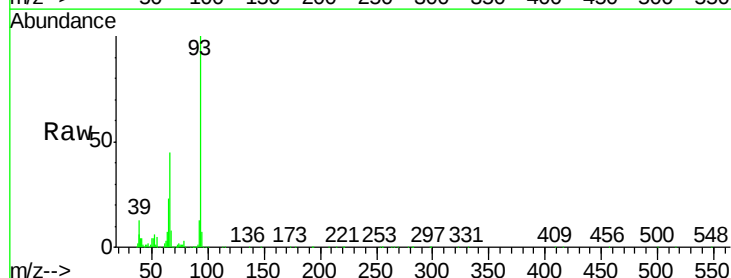
Tgt Ion: 93 Resp: 875562

Ion Ratio Lower Upper

93 100

66 44.5 37.5 56.3

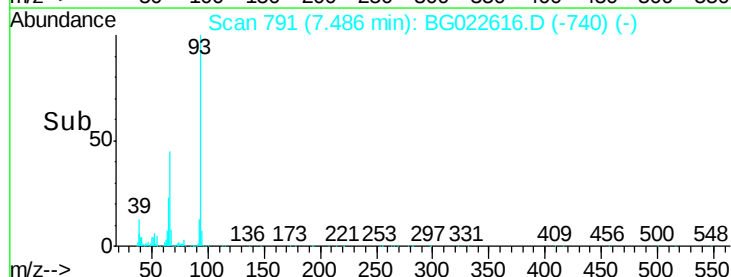
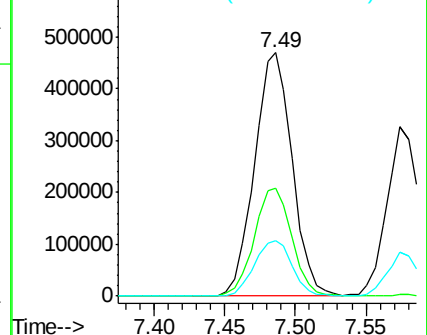
65 23.0 17.9 26.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.29 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

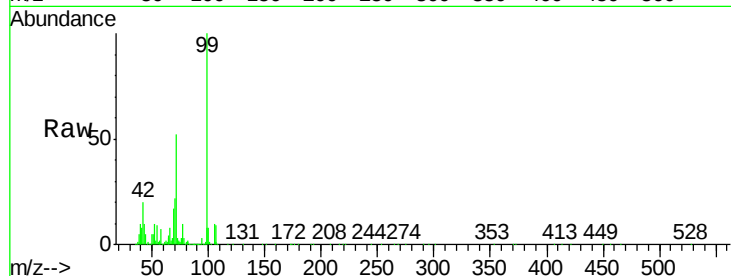
Instrument :

BNA\_G

ClientSampled :

Tot Ion: 99 Resp: 1253265

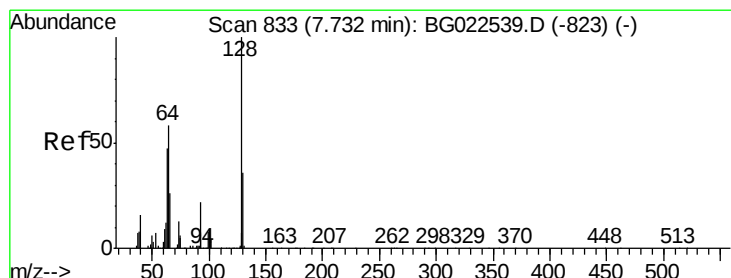
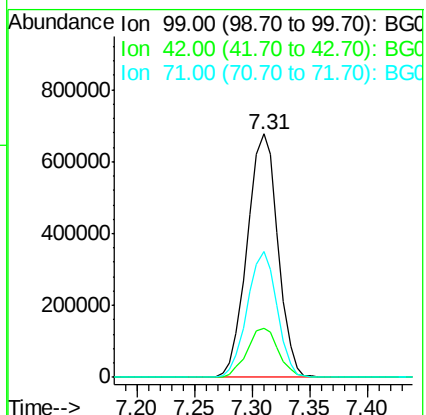
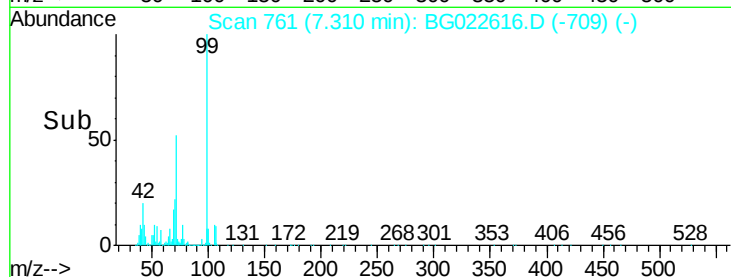
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.4  | 17.8  | 26.6  |
| 71  | 51.8  | 41.5  | 62.3  |



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.06 ng

RT: 7.73 min Scan# 832

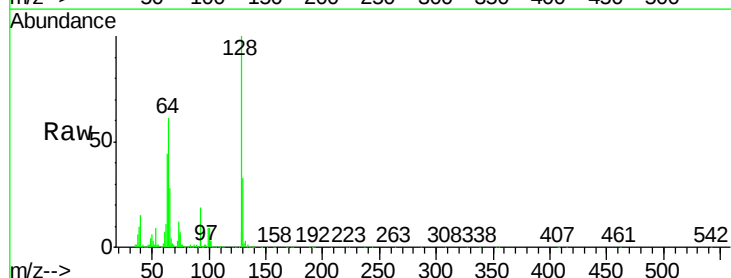
Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Tgt Ion: 128 Resp: 459555

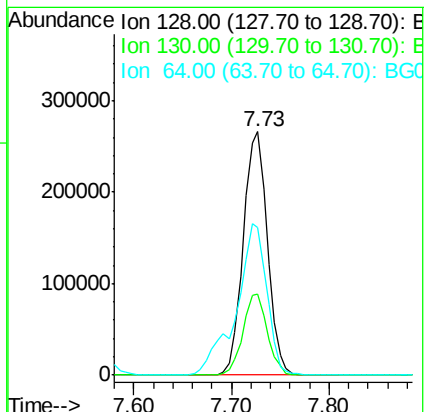
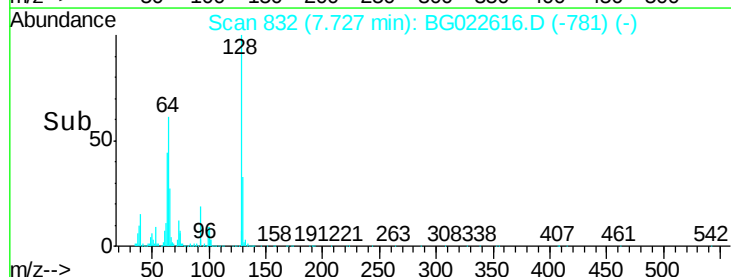
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.5  | 12.9  | 52.9  |
| 64  | 60.6  | 42.0  | 82.0  |

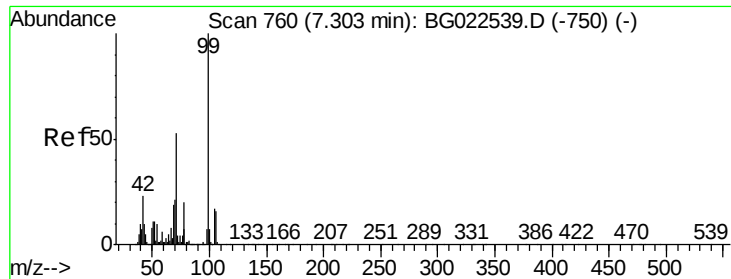


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 45.86 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

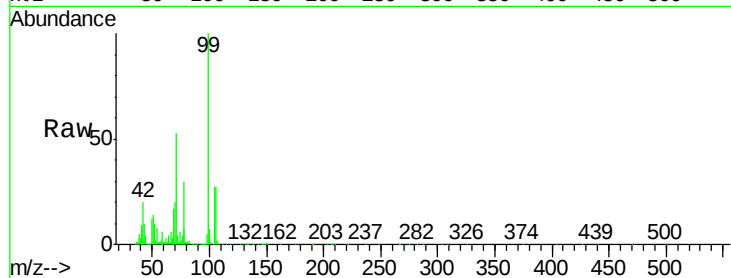
Tot Ion: 77 Resp: 258370

Ion Ratio Lower Upper

77 100

105 89.6 58.7 98.7

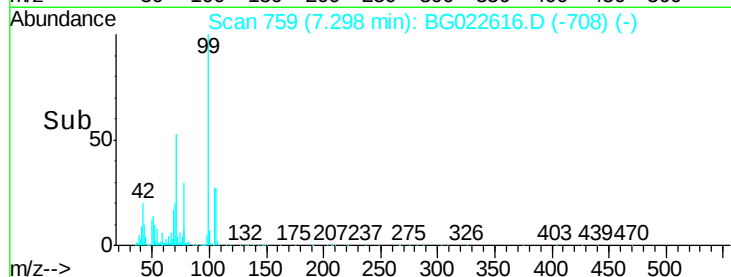
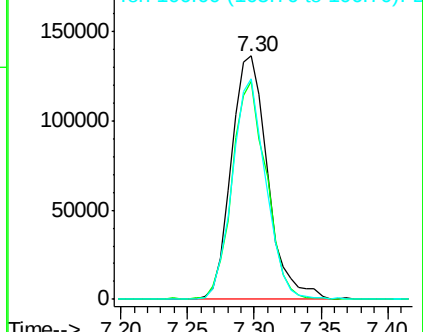
106 90.4 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.66 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

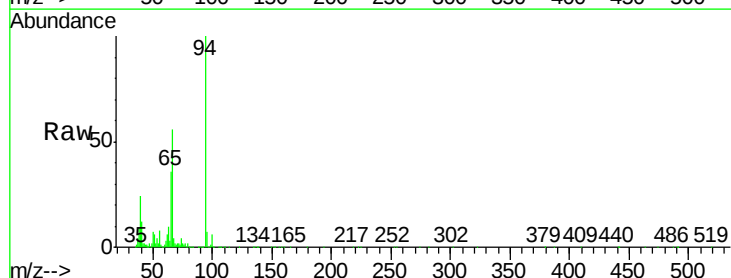
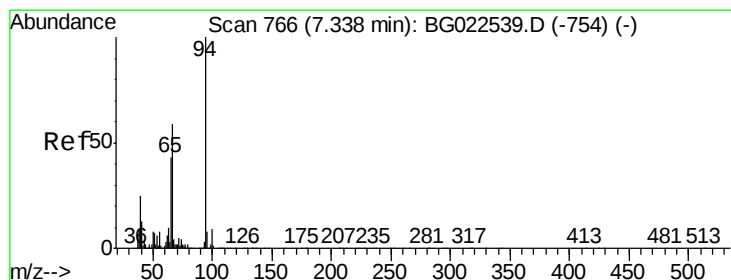
Tgt Ion: 94 Resp: 671081

Ion Ratio Lower Upper

94 100

65 36.0 18.1 58.1

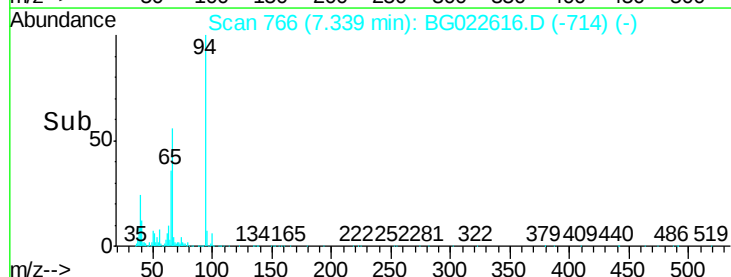
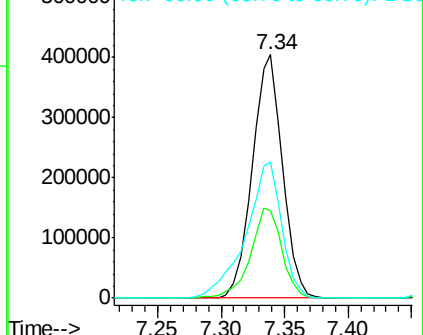
66 56.2 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

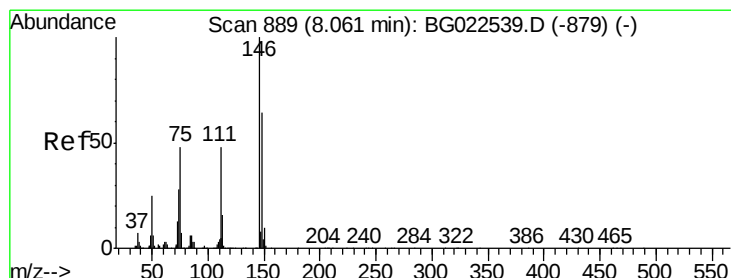
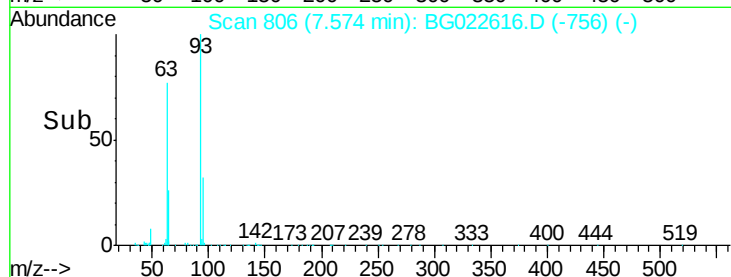
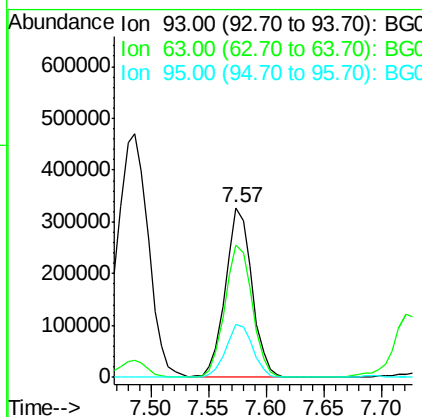
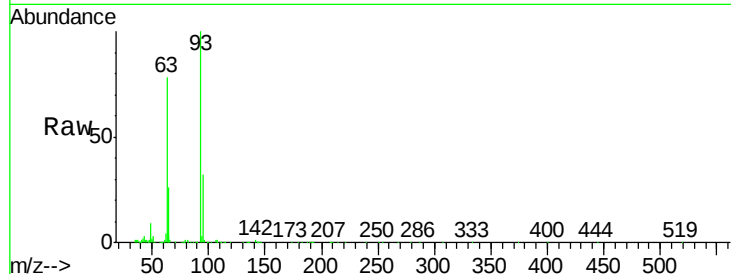




#11  
bis(2-Chloroethyl)ether  
Concen: 37.50 ng  
RT: 7.57 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

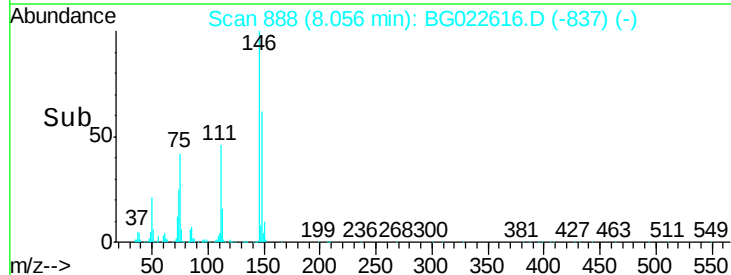
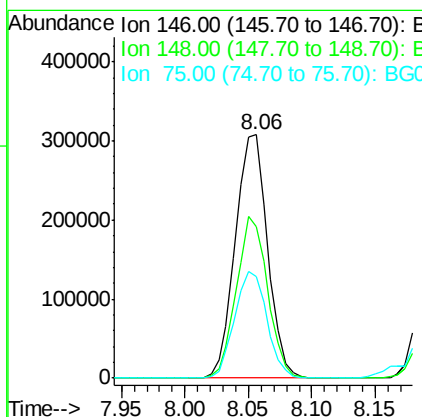
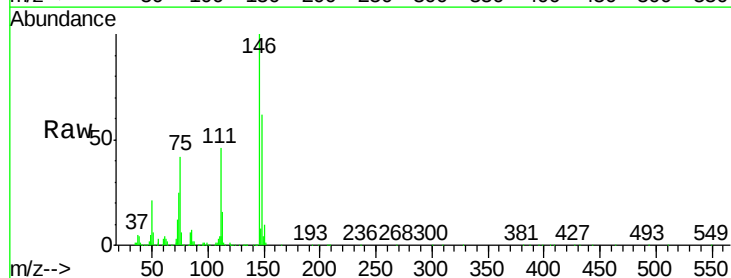
Instrument :  
BNA\_G  
ClientSampleId :

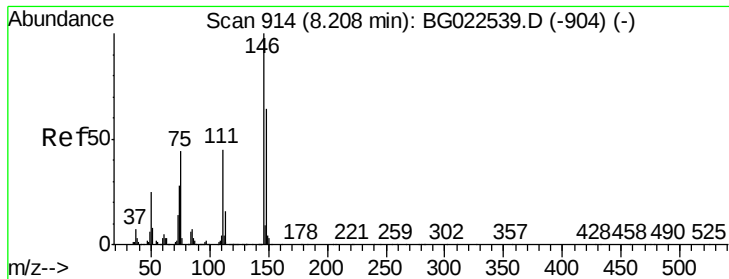
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 77.8  | 55.0  | 95.0  |
| 95      | 31.6  | 11.0  | 51.0  |



#12  
1,3-Dichlorobenzene  
Concen: 37.88 ng  
RT: 8.06 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.2  | 50.3  | 75.5  |
| 75      | 41.9  | 37.0  | 55.6  |





#13

1,4-Dichlorobenzene

Concen: 38.05 ng

RT: 8.20 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampled :

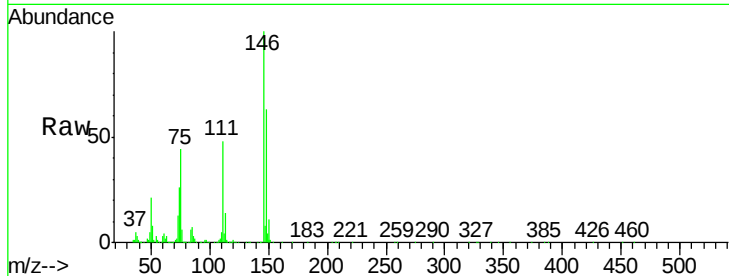
Tot Ion:146 Resp: 546070

Ion Ratio Lower Upper

146 100

148 62.6 54.5 81.7

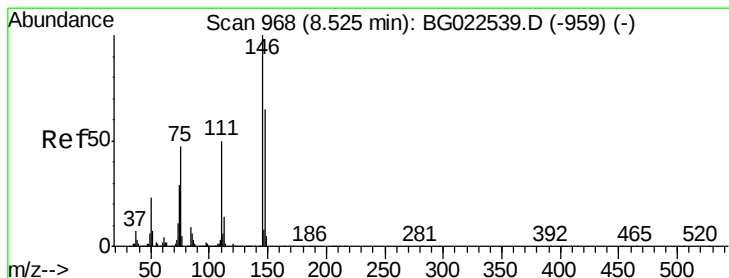
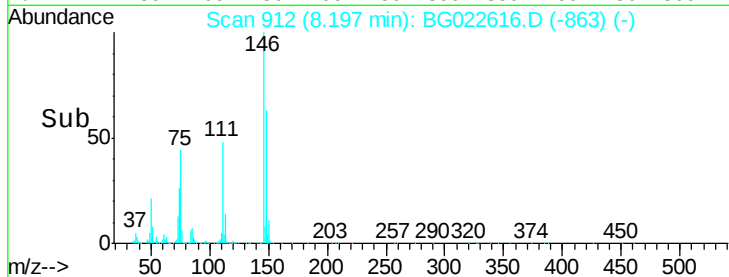
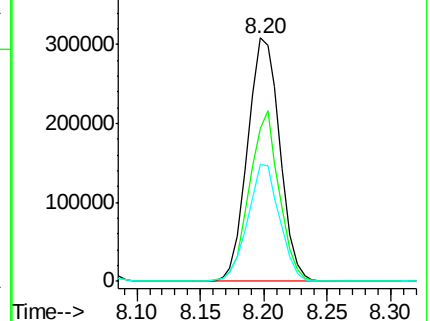
111 48.2 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.00 ng

RT: 8.52 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

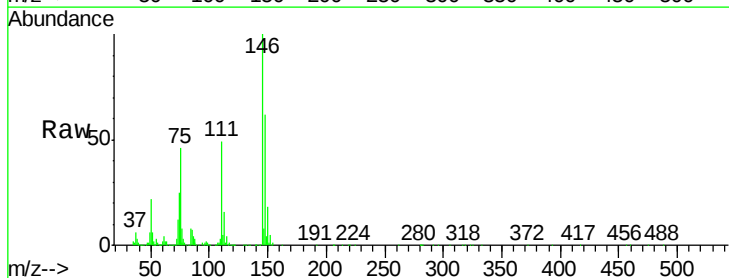
Tgt Ion:146 Resp: 518682

Ion Ratio Lower Upper

146 100

148 61.6 52.9 79.3

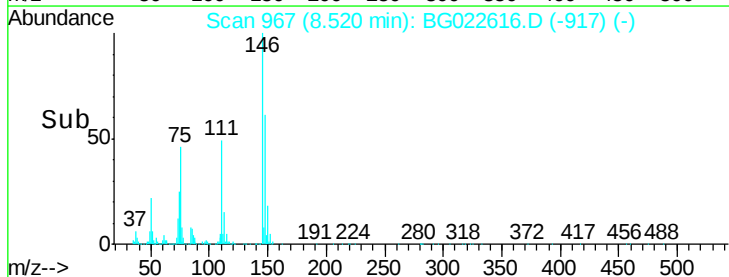
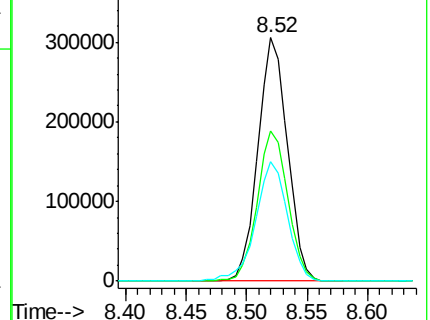
111 48.9 43.5 65.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.45 ng

RT: 8.40 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

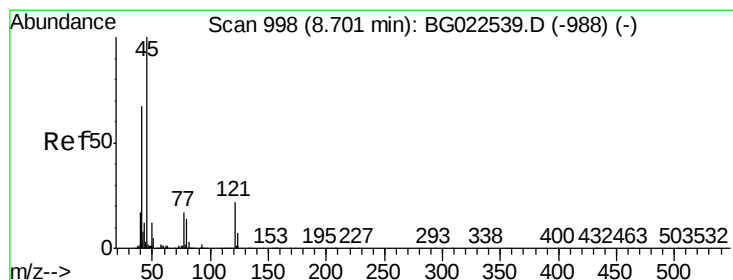
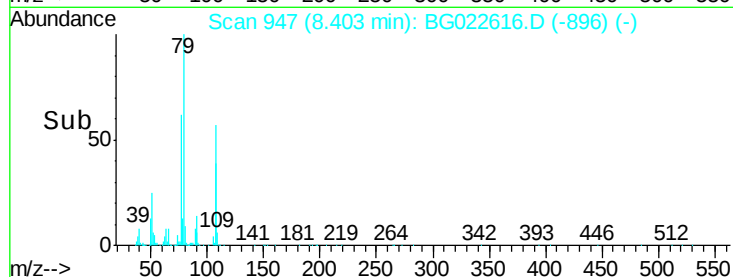
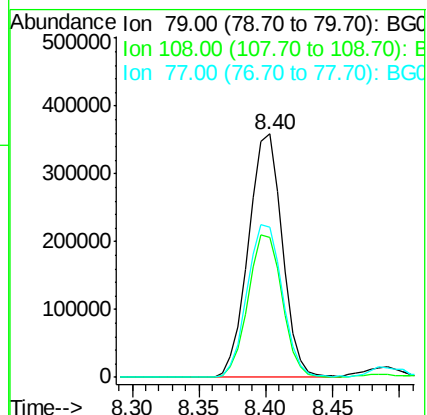
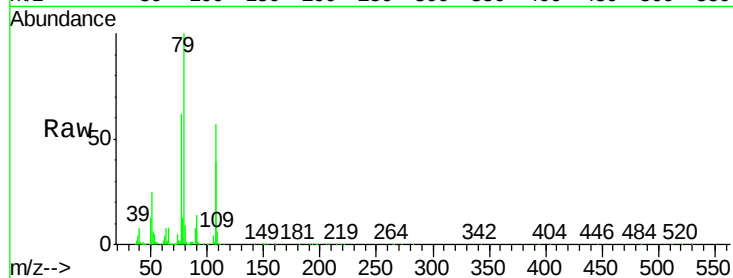
Tot Ion: 79 Resp: 628785

Ion Ratio Lower Upper

79 100

108 57.4 46.5 69.7

77 61.8 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.08 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

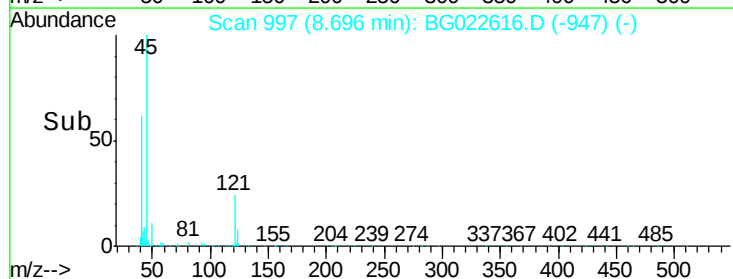
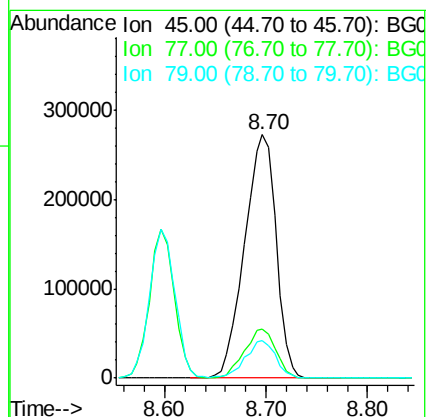
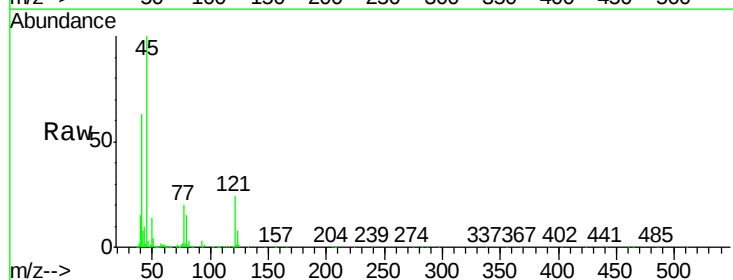
Tgt Ion: 45 Resp: 586551

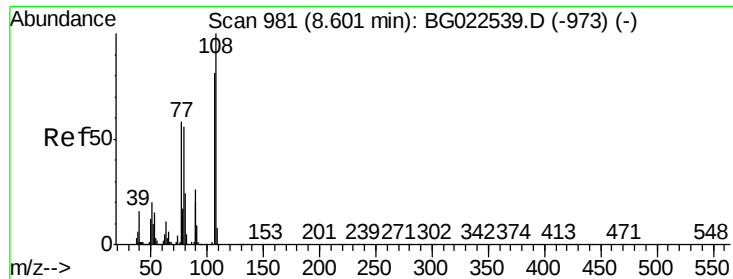
Ion Ratio Lower Upper

45 100

77 20.3 0.6 40.6

79 15.5 0.0 36.2





#17

2-Methylphenol

Concen: 39.28 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 438099

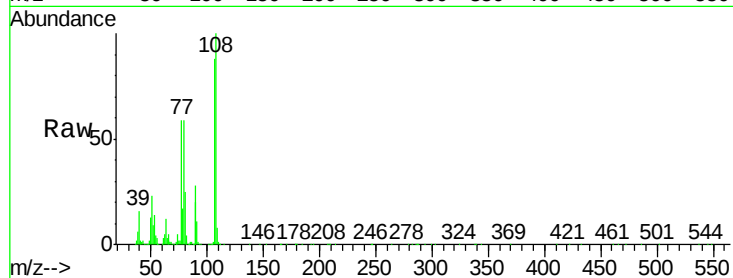
Ion Ratio Lower Upper

107 100

108 113.7 92.0 138.0

77 66.8 55.8 83.6

79 66.8 55.0 82.6

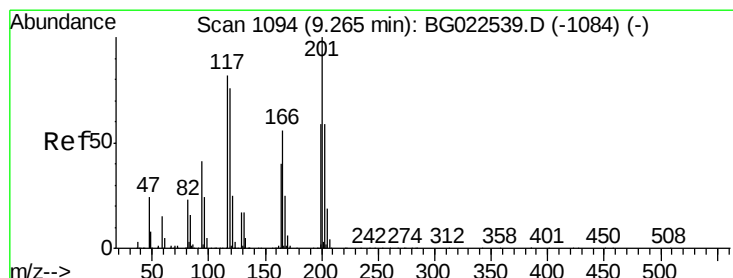
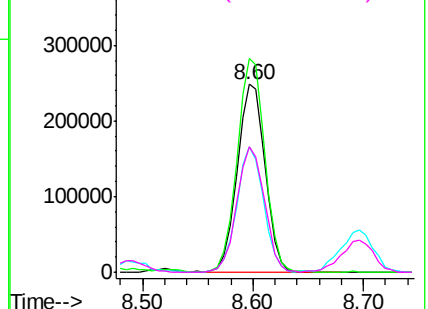
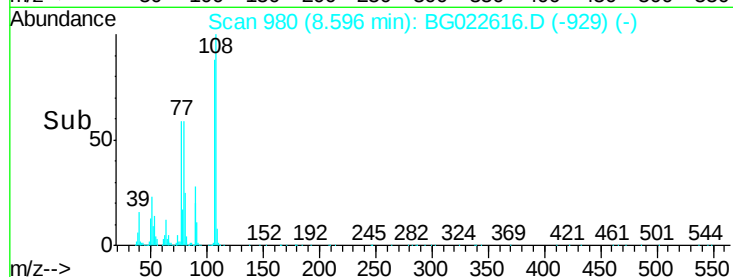


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.51 ng

RT: 9.25 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

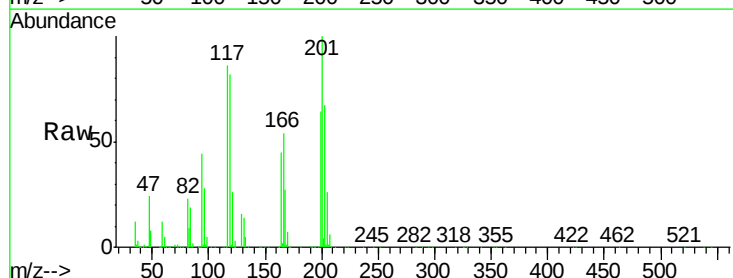
Tgt Ion:117 Resp: 228773

Ion Ratio Lower Upper

117 100

119 94.3 73.7 110.5

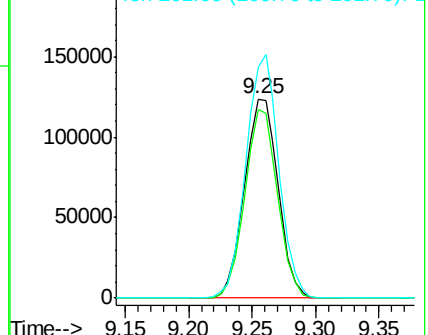
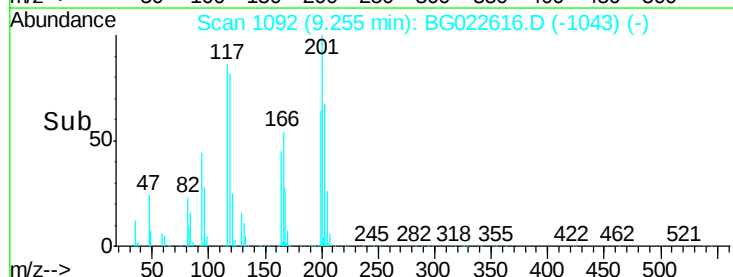
201 115.6 88.7 133.1

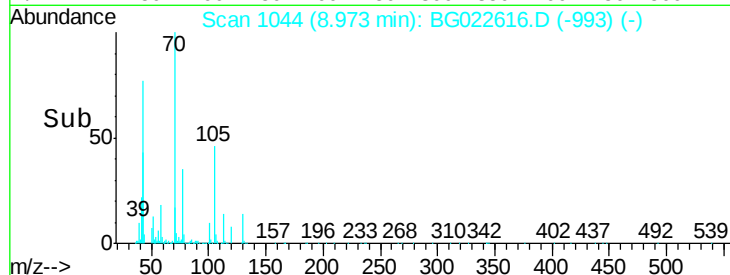
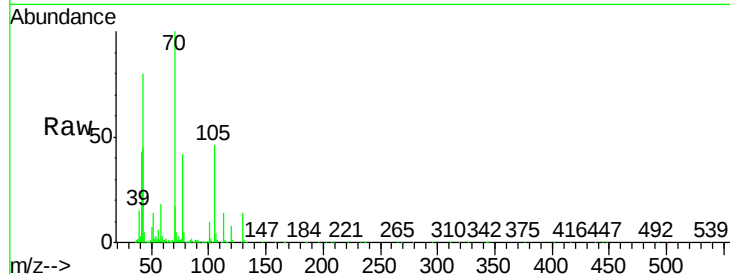
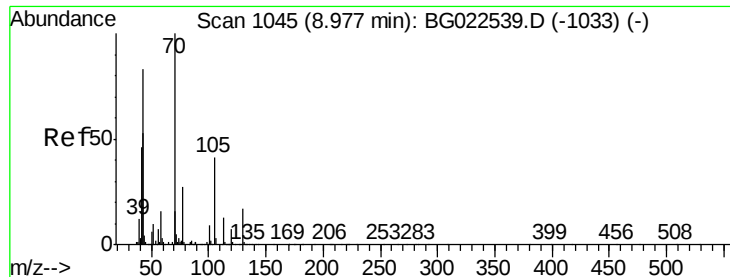


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

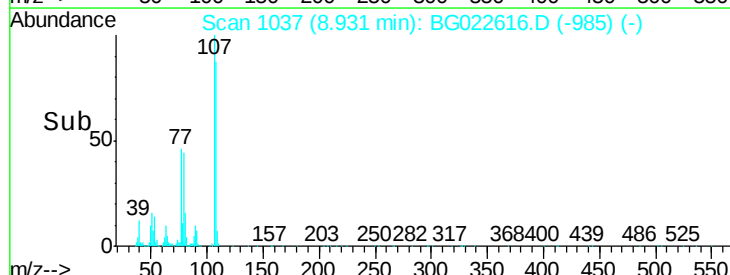
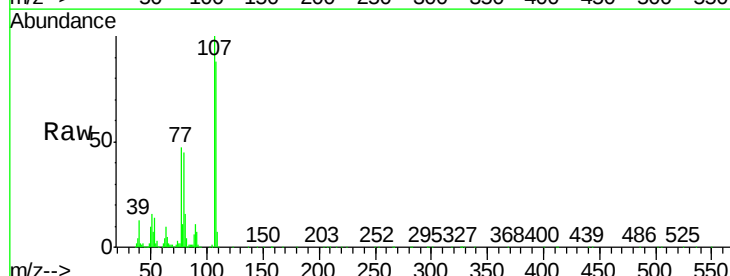
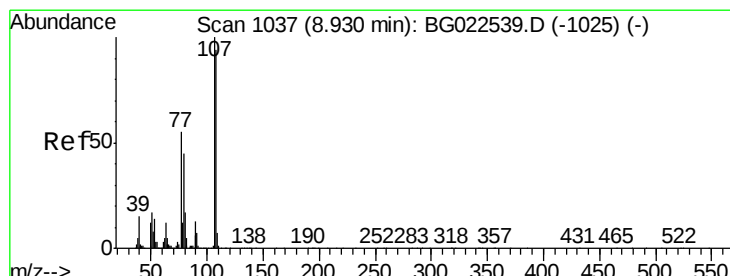
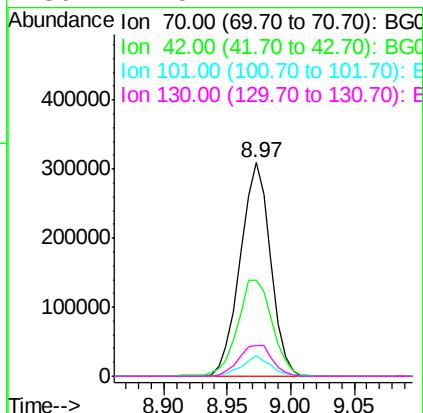




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.51 ng  
RT: 8.97 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

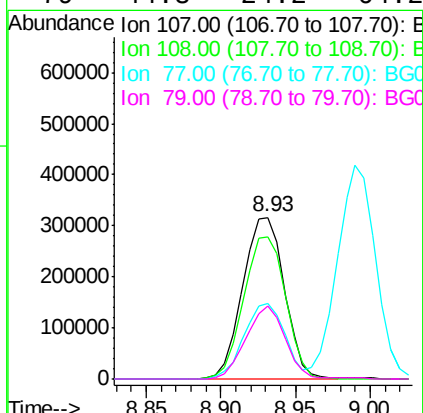
Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 513446 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 45.2  | 42.1  | 63.1   |
| 101      | 9.8   | 7.2   | 10.8   |
| 130      | 14.5  | 14.2  | 21.2   |



#20  
3+4-Methylphenols  
Concen: 39.68 ng  
RT: 8.93 min Scan# 1037  
Delta R.T. 0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 609602 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.6  | 72.5  | 112.5  |
| 77       | 47.1  | 30.1  | 70.1   |
| 79       | 44.8  | 24.2  | 64.2   |

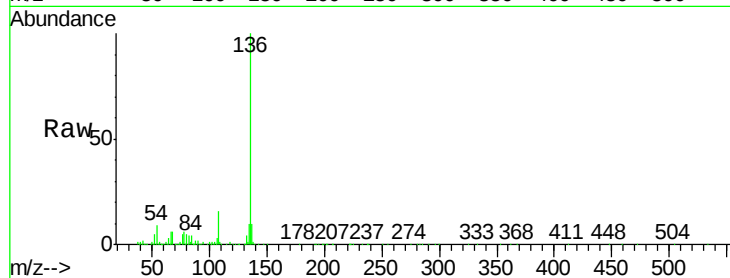




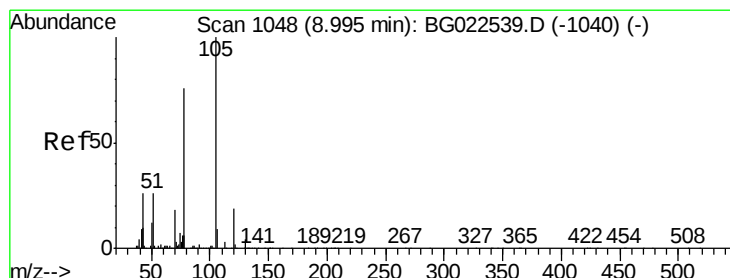
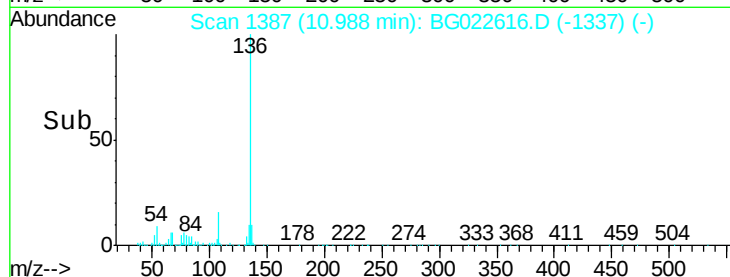
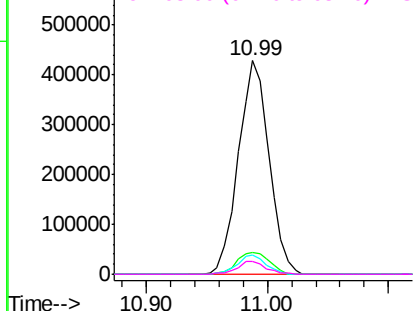
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.99 min Scan# 1387  
Delta R.T. -0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 757143 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.0    | 9.6   | 14.4   |
| 54 9.3      | 7.3   | 10.9   |
| 68 5.9      | 5.3   | 7.9    |

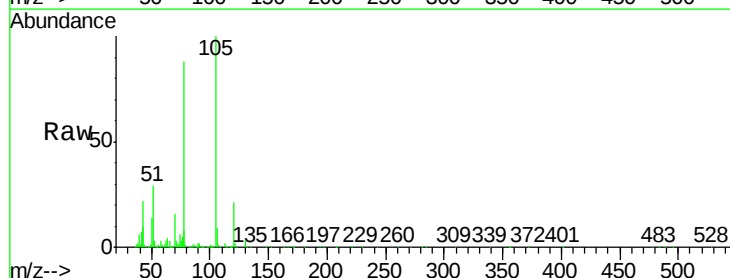


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

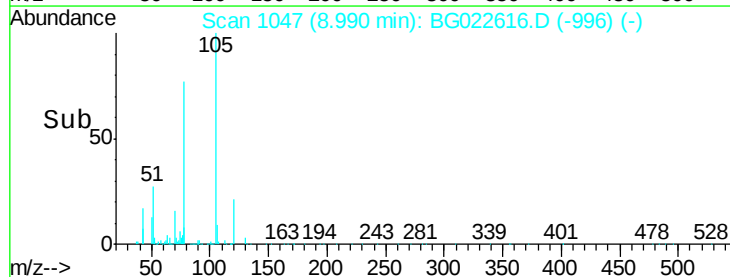
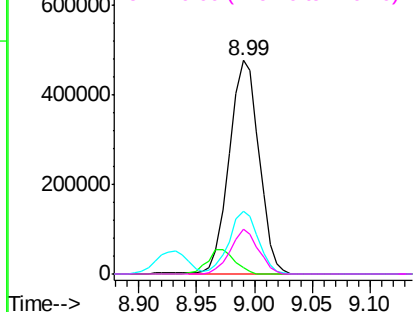


#22  
Acetophenone  
Concen: 38.84 ng  
RT: 8.99 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 850067 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 2.8     | 2.6   | 3.8    |
| 51  | 29.5    | 27.1  | 40.7   |
| 120 | 21.0    | 15.1  | 22.7   |



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

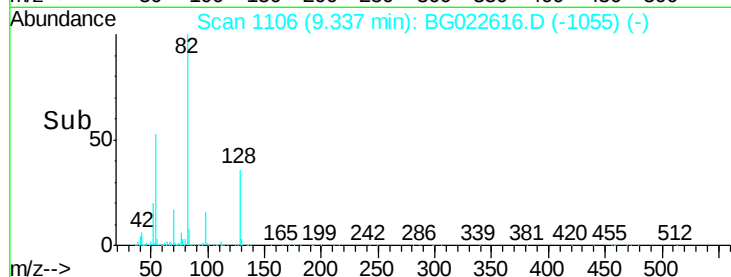
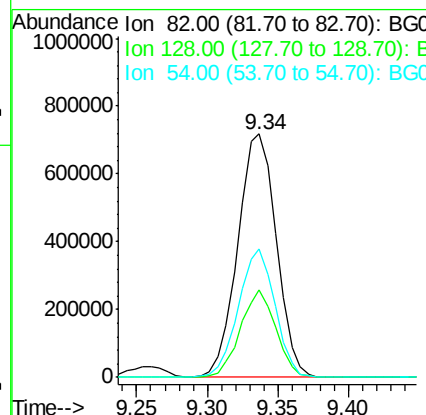
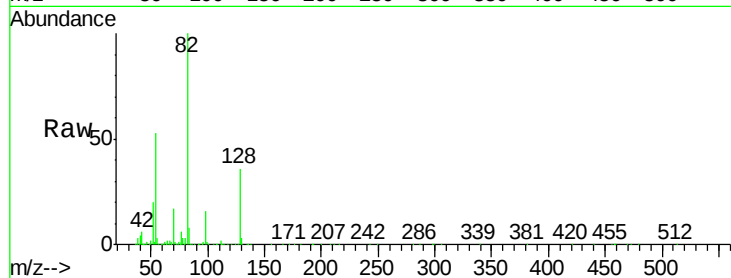




#23  
 Nitrobenzene-d5  
 Concen: 76.55 ng  
 RT: 9.34 min Scan# 1106  
 Delta R.T. 0.00 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

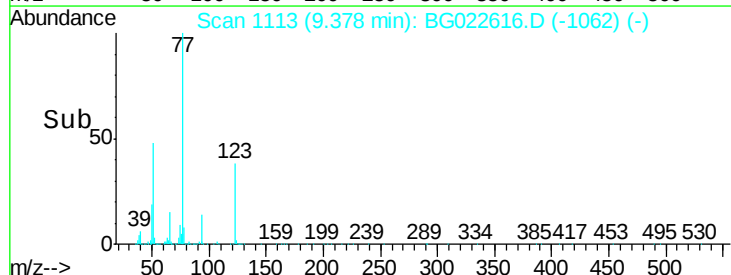
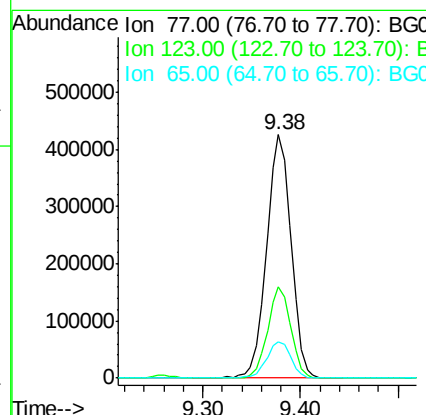
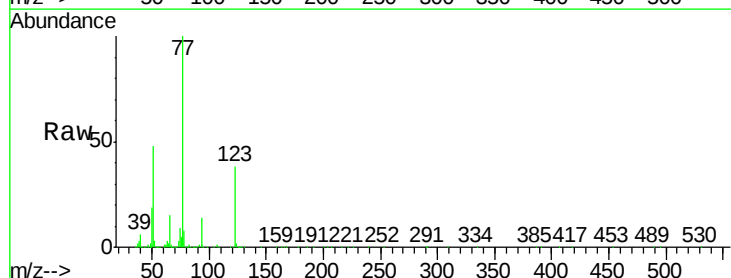
Instrument :  
 BNA\_G  
 ClientSampleId :

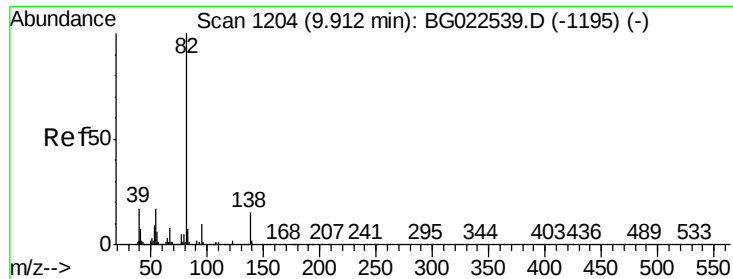
Tot Ion: 82 Resp: 1369331  
 Ion Ratio Lower Upper  
 82 100  
 128 35.7 24.4 36.6  
 54 52.8 41.4 62.0



#24  
 Nitrobenzene  
 Concen: 37.99 ng  
 RT: 9.38 min Scan# 1113  
 Delta R.T. 0.00 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Tgt Ion: 77 Resp: 751150  
 Ion Ratio Lower Upper  
 77 100  
 123 37.5 25.0 37.6  
 65 14.7 13.4 20.0





#25

Isophorone

Concen: 38.12 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

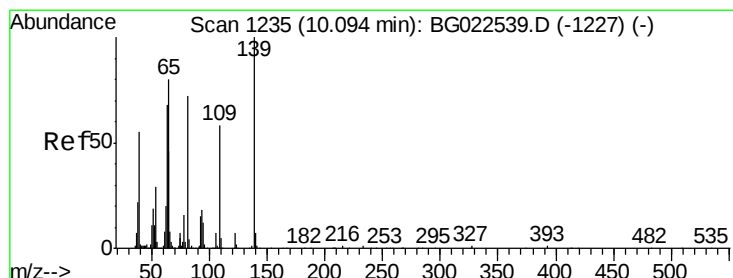
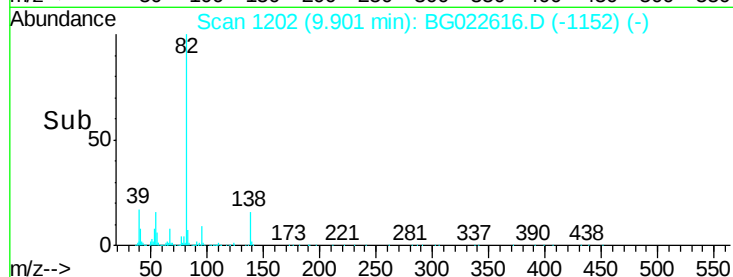
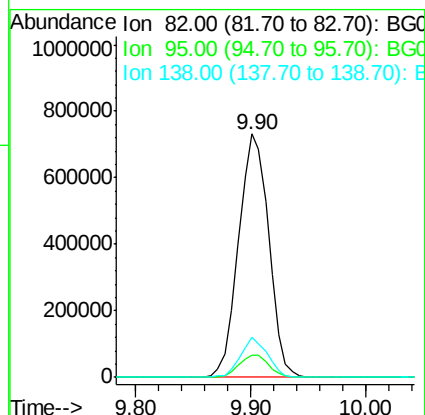
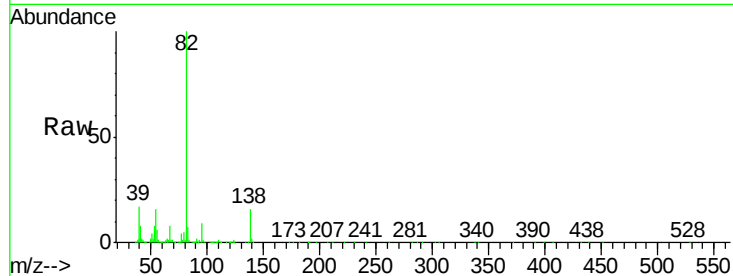
Instrument :

BNA\_G

ClientSampled :

Tot Ion: 82 Resp: 1323614

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 9.1   | 8.2   | 12.2  |
| 138 | 16.4  | 10.7  | 16.1# |



#26

2-Nitrophenol

Concen: 41.84 ng

RT: 10.09 min Scan# 1235

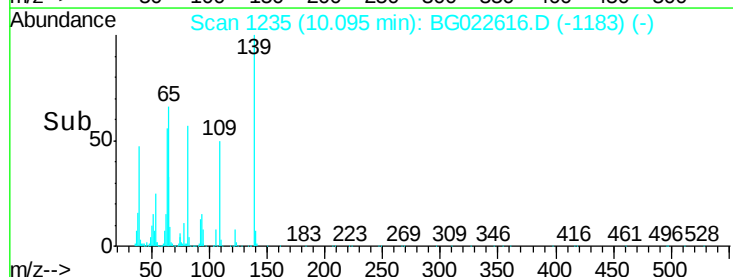
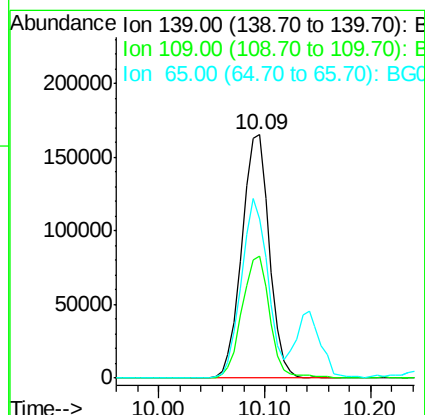
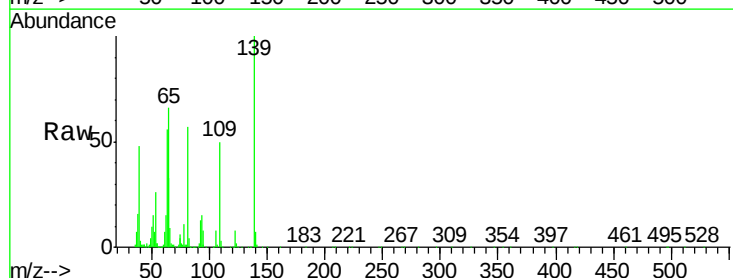
Delta R.T. 0.01 min

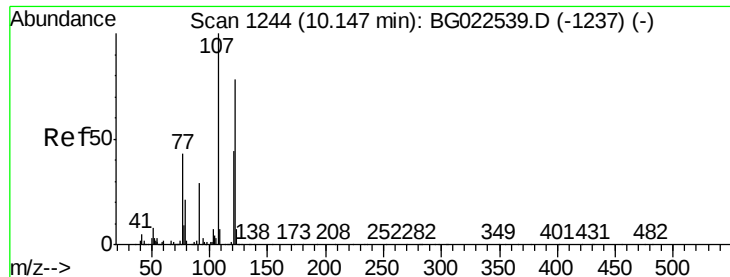
Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Tgt Ion: 139 Resp: 297966

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 50.2  | 43.5  | 65.3  |
| 65  | 65.6  | 64.3  | 96.5  |

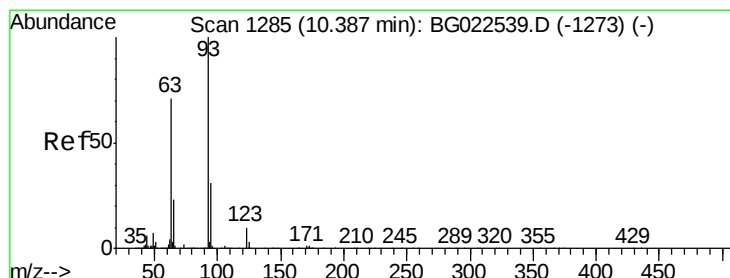
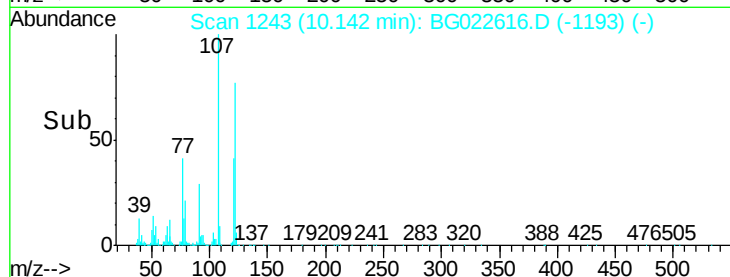
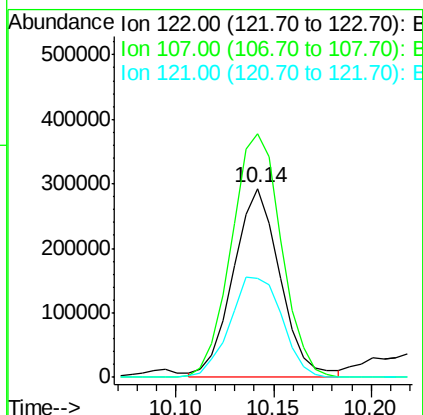
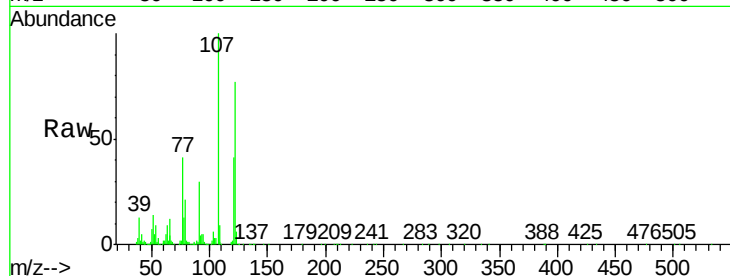




#27  
 2,4-Dimethylphenol  
 Concen: 35.71 ng  
 RT: 10.14 min Scan# 1243  
 Delta R.T. -0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

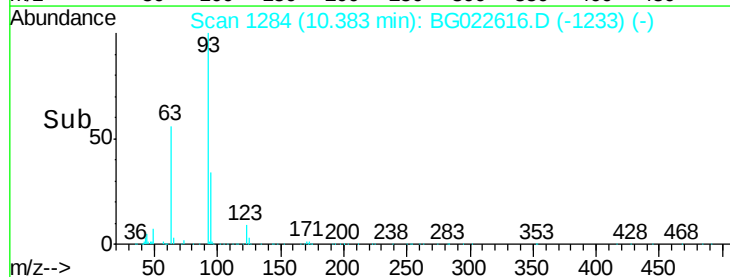
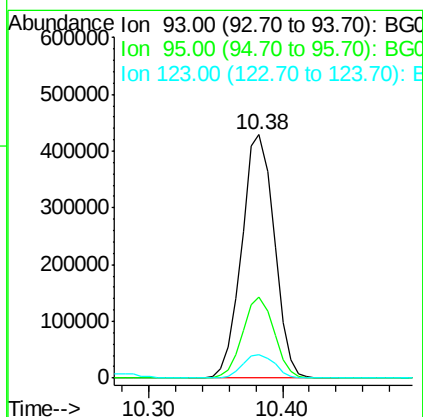
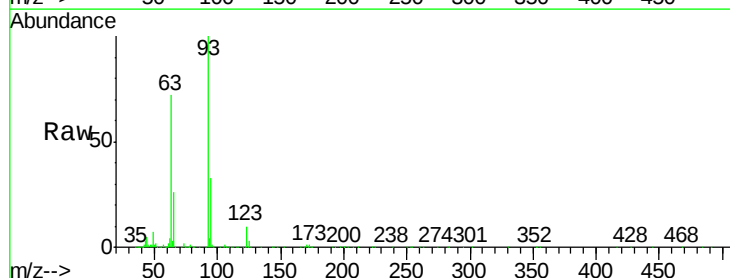
Instrument :  
 BNA\_G  
 ClientSampleId :

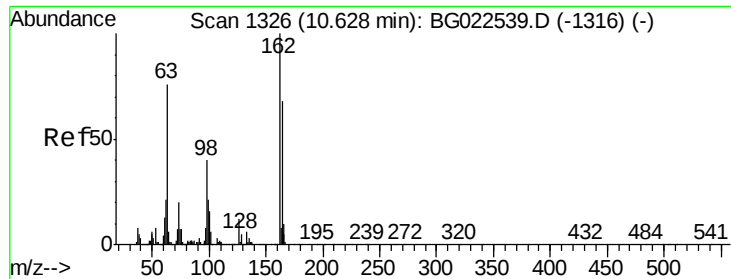
Tot Ion:122 Resp: 485956  
 Ion Ratio Lower Upper  
 122 100  
 107 129.1 117.0 175.4  
 121 52.4 50.1 75.1



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.07 ng  
 RT: 10.38 min Scan# 1284  
 Delta R.T. 0.00 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Tgt Ion: 93 Resp: 721838  
 Ion Ratio Lower Upper  
 93 100  
 95 33.2 25.4 38.2  
 123 9.7 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 40.82 ng

RT: 10.63 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

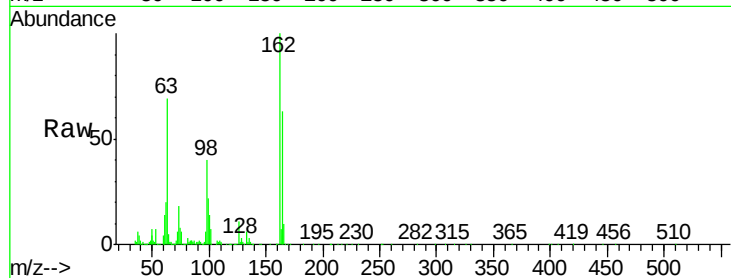
Tot Ion:162 Resp: 541149

Ion Ratio Lower Upper

162 100

164 63.4 44.3 84.3

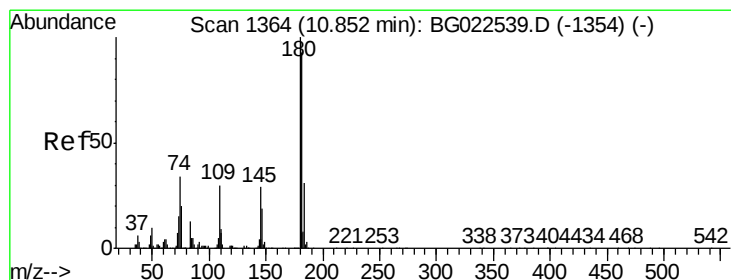
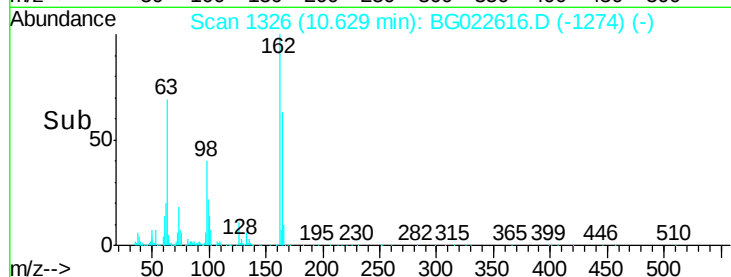
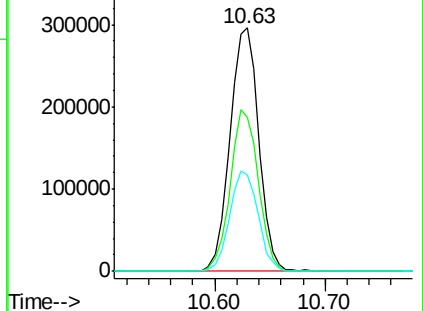
98 39.7 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.94 ng

RT: 10.85 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

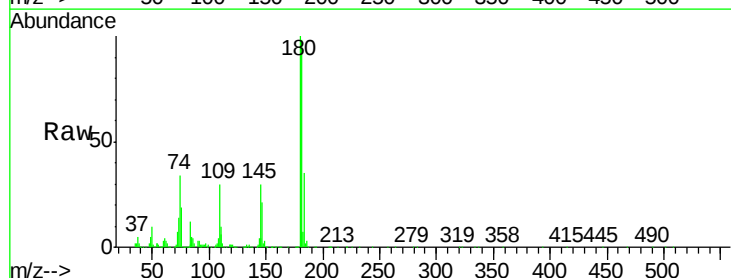
Tgt Ion:180 Resp: 597167

Ion Ratio Lower Upper

180 100

182 97.6 73.8 110.8

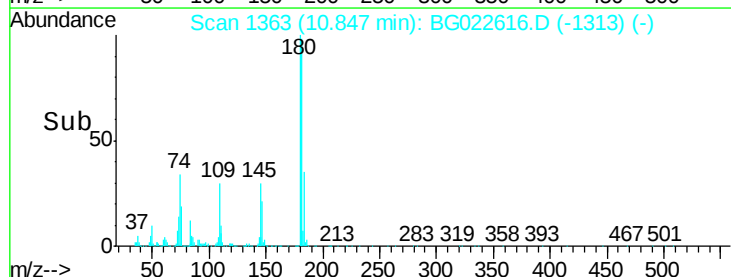
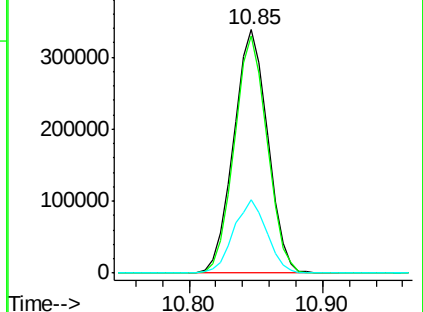
145 30.1 24.4 36.6

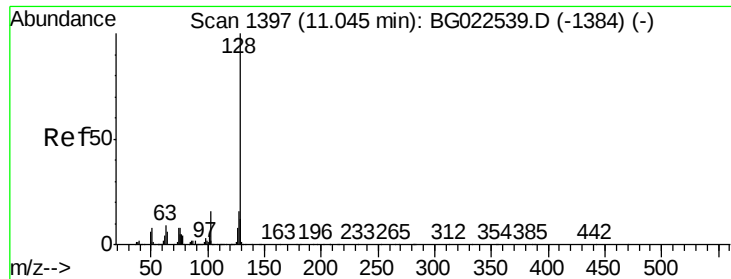


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

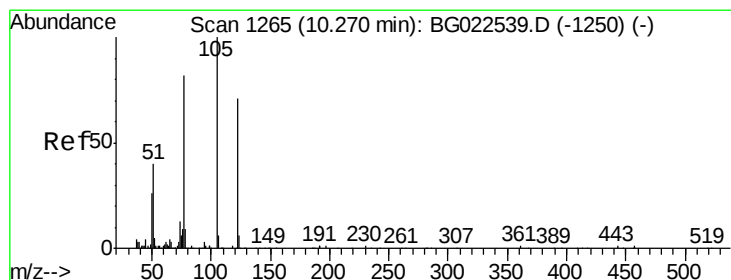
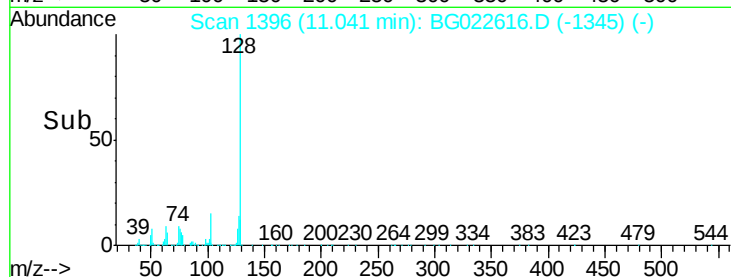
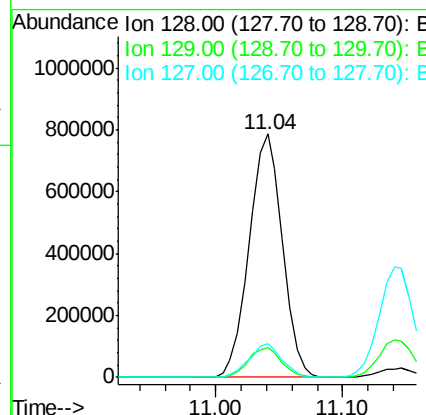
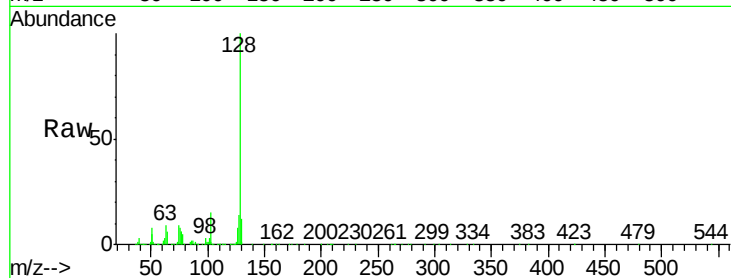




#31  
Naphthalene  
Concen: 37.60 ng  
RT: 11.04 min Scan# 1396  
Delta R.T. 0.00 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

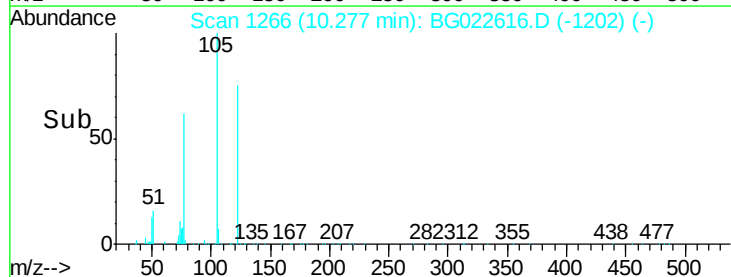
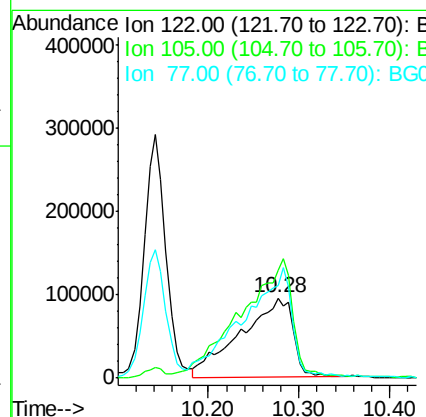
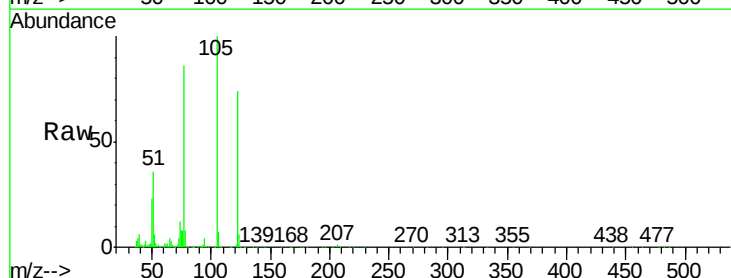
Instrument :  
BNA\_G  
ClientSampleId :

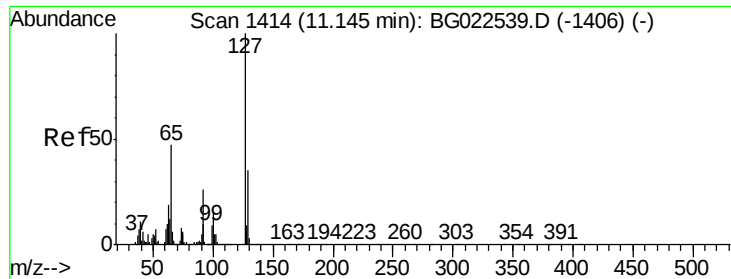
Tot Ion:128 Resp: 1431167  
Ion Ratio Lower Upper  
128 100  
129 12.1 9.4 14.0  
127 14.1 11.3 16.9



#32  
Benzoic acid  
Concen: 43.60 ng  
RT: 10.28 min Scan# 1266  
Delta R.T. 0.08 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Tgt Ion:122 Resp: 383152  
Ion Ratio Lower Upper  
122 100  
105 134.7 117.2 157.2  
77 115.8 109.2 149.2

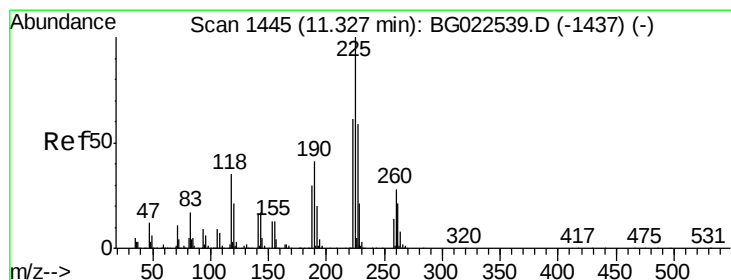
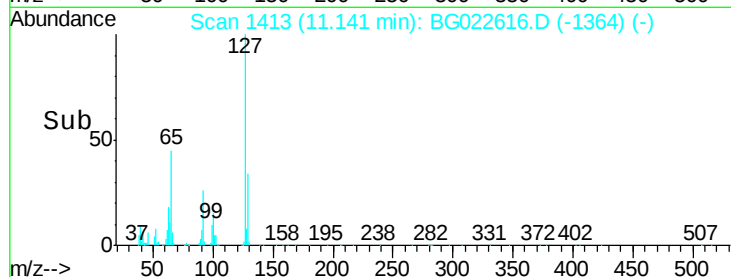
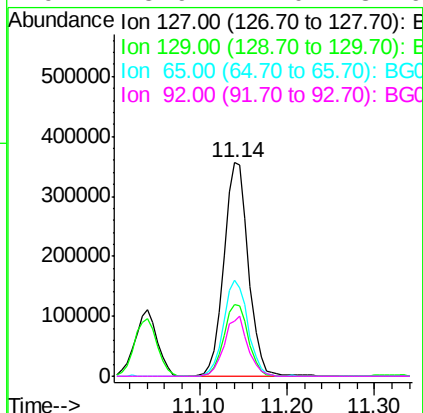
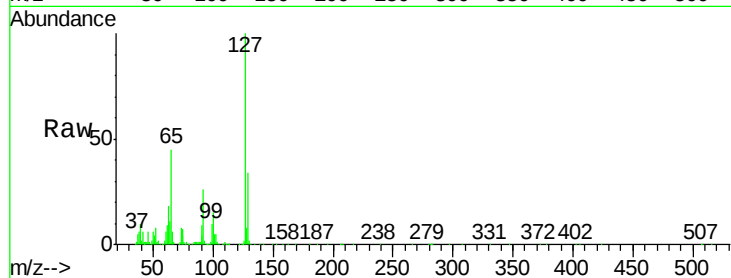




#33  
4-Chloroaniline  
Concen: 41.63 ng  
RT: 11.14 min Scan# 1413  
Delta R.T. -0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

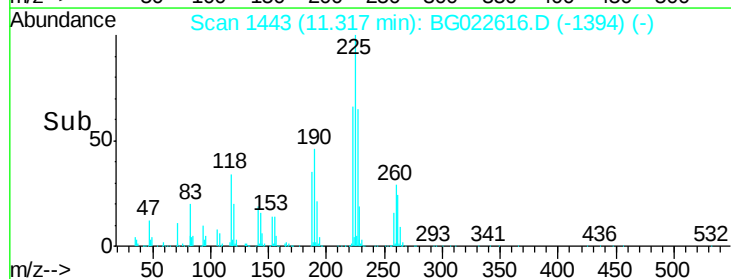
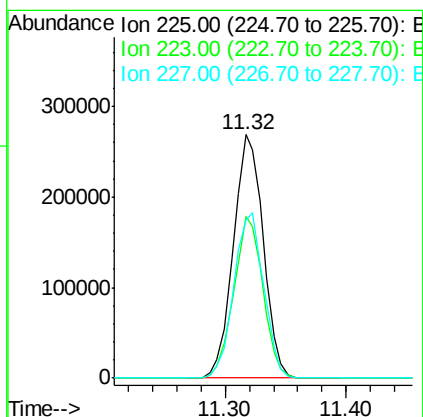
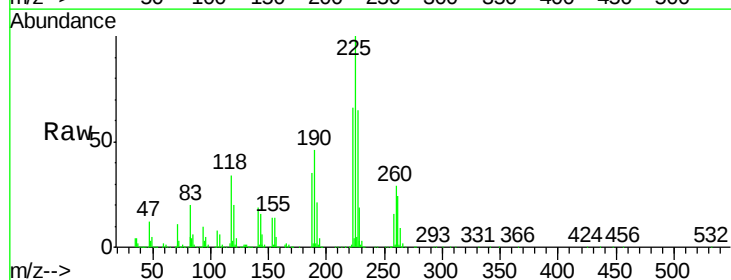
Instrument :  
BNA\_G  
ClientSampleId :

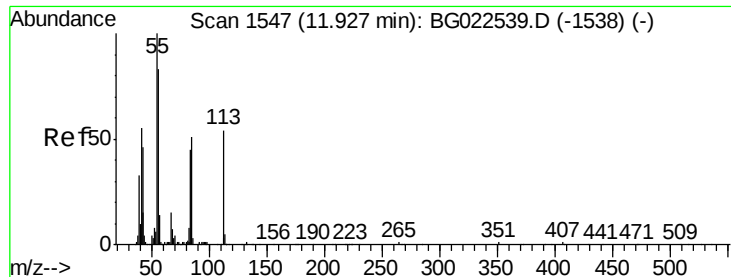
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 682488 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.8  | 27.9  | 41.9   |
| 65       | 45.0  | 36.8  | 55.2   |
| 92       | 25.9  | 21.0  | 31.6   |



#34  
Hexachlorobutadiene  
Concen: 37.74 ng  
RT: 11.32 min Scan# 1443  
Delta R.T. -0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 461793 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 66.2  | 49.6  | 74.4   |
| 227      | 64.7  | 54.5  | 81.7   |





#35

Caprolactam

Concen: 44.15 ng

RT: 11.93 min Scan# 1548

Delta R.T. 0.04 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

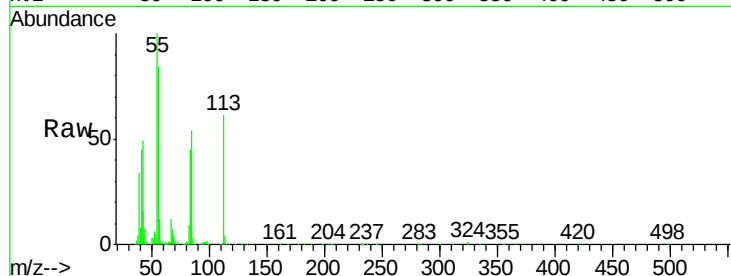
Tot Ion:113 Resp: 184382

Ion Ratio Lower Upper

113 100

55 163.6 154.5 194.5

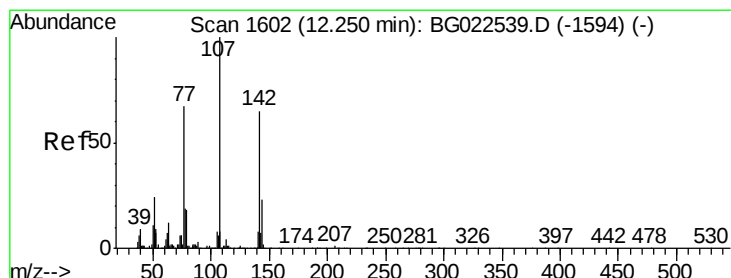
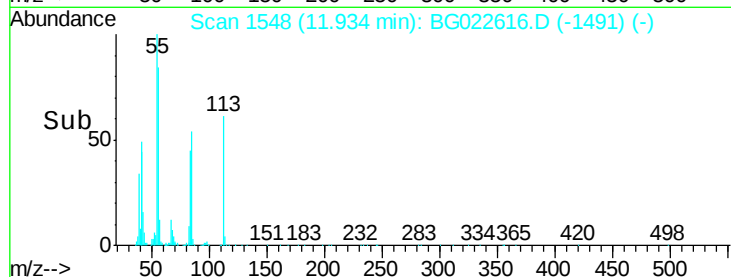
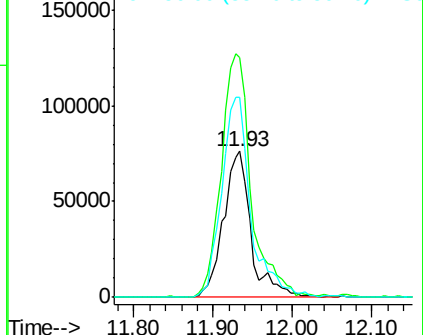
56 137.0 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.81 ng

RT: 12.25 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

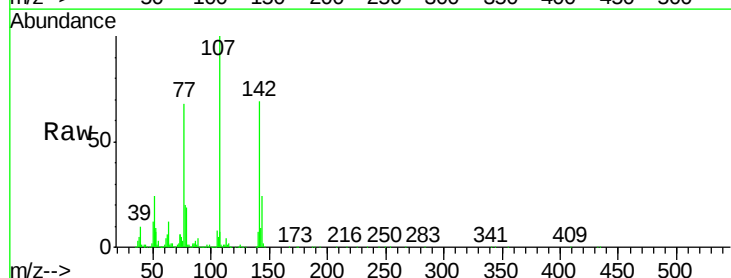
Tgt Ion:107 Resp: 664172

Ion Ratio Lower Upper

107 100

144 23.9 17.0 25.6

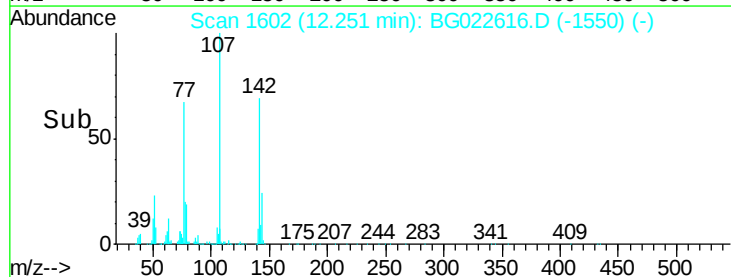
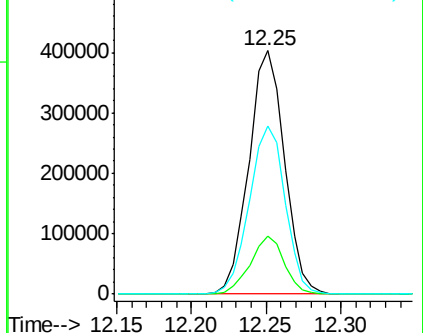
142 68.9 53.0 79.6

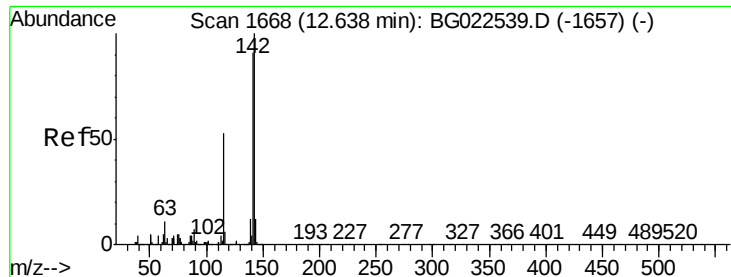


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

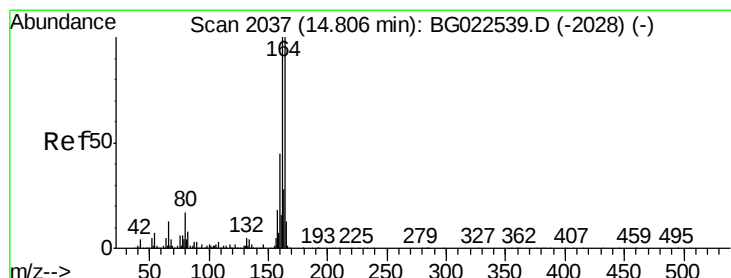
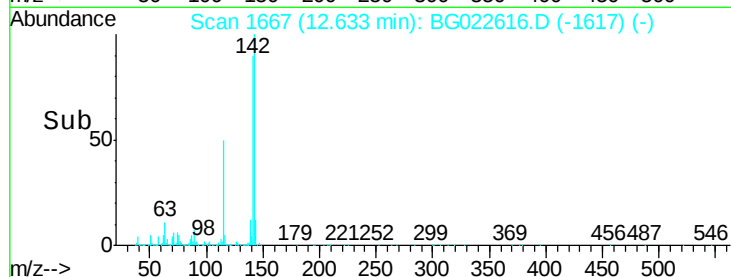
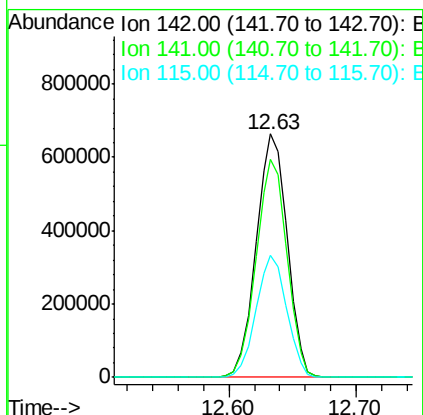
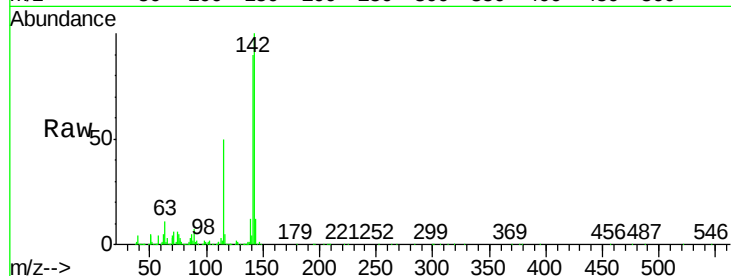




#37  
2-Methylnaphthalene  
Concen: 38.24 ng  
RT: 12.63 min Scan# 1667  
Delta R.T. -0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

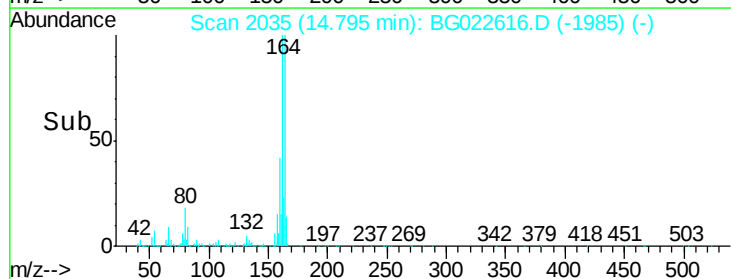
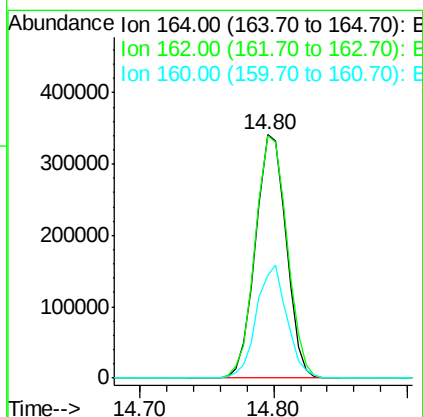
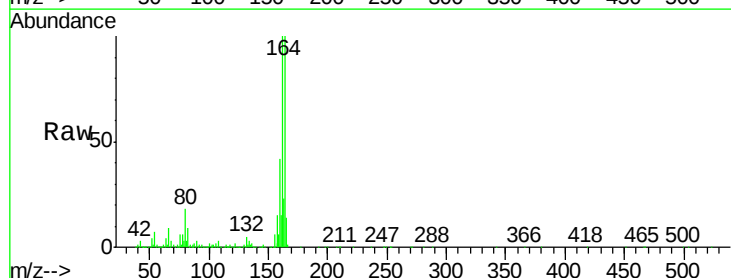
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:142 Resp: 1128674  
Ion Ratio Lower Upper  
142 100  
141 89.8 70.2 105.2  
115 49.9 41.7 62.5



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.80 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Tgt Ion:164 Resp: 540336  
Ion Ratio Lower Upper  
164 100  
162 99.7 87.7 131.5  
160 42.1 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.76 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:216 Resp: 749864

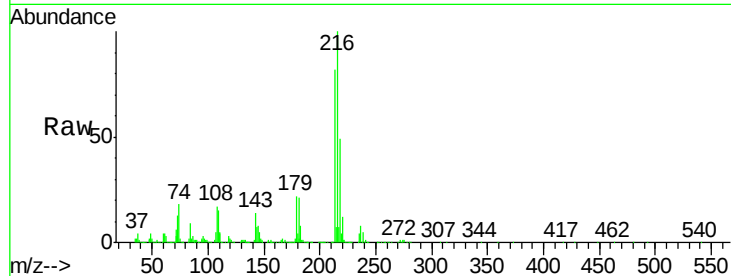
Ion Ratio Lower Upper

216 100

214 80.5 62.9 94.3

179 21.7 17.2 25.8

108 19.4 16.3 24.5

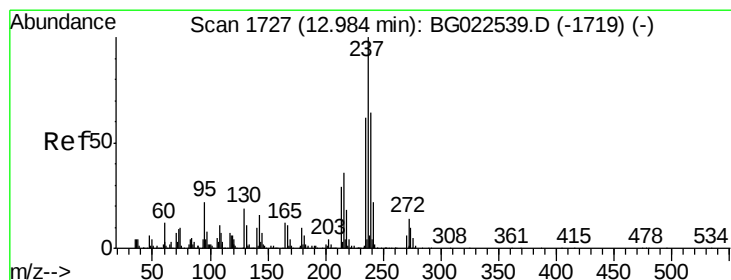
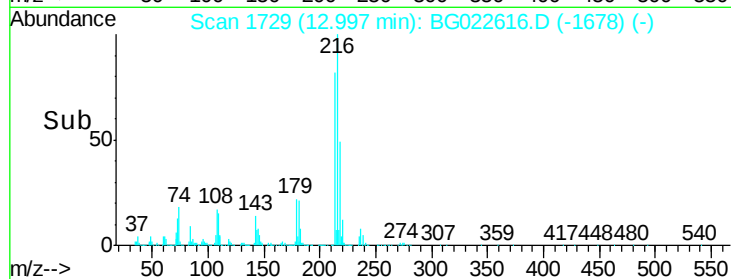
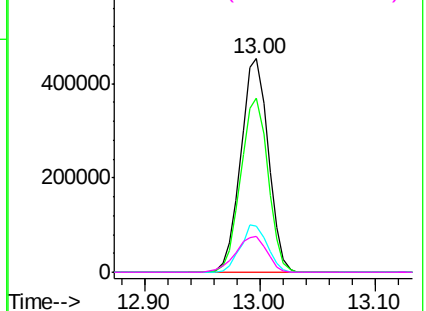


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.40 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

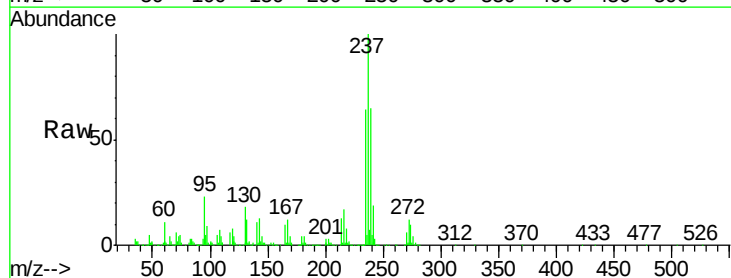
Tgt Ion:237 Resp: 576559

Ion Ratio Lower Upper

237 100

235 64.3 43.1 83.1

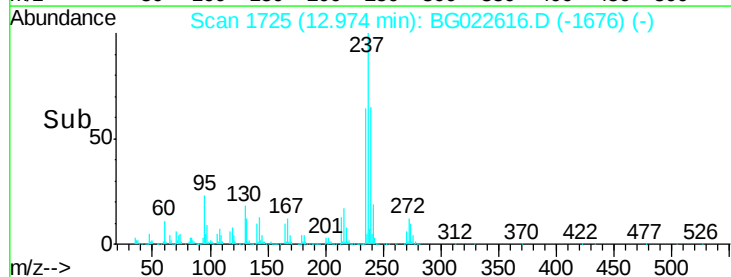
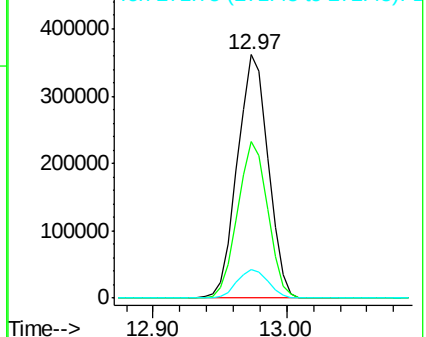
272 11.7 0.0 30.9

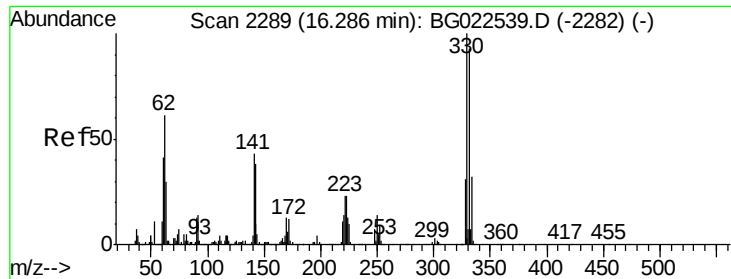


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

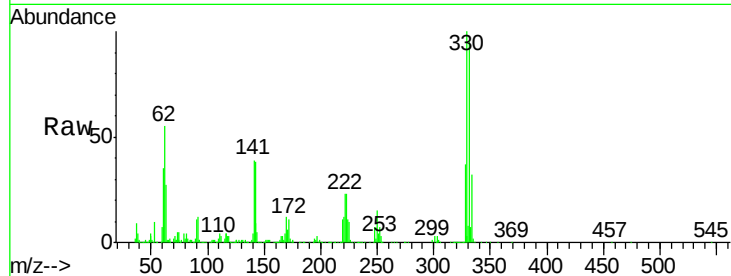




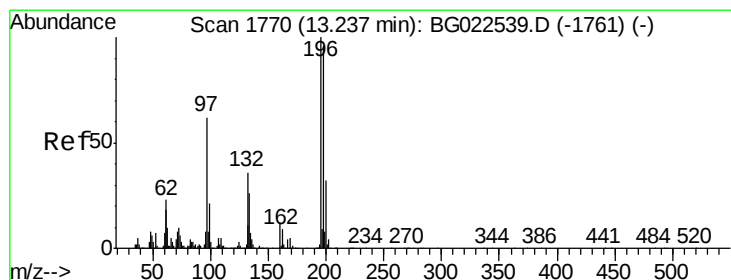
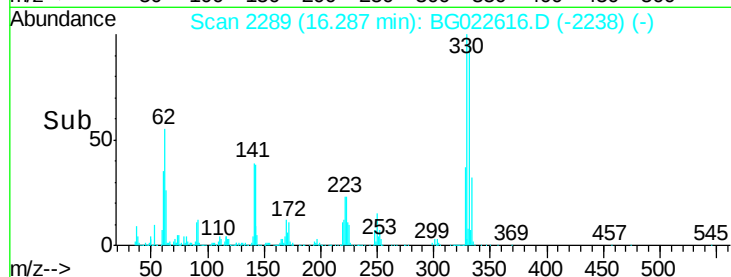
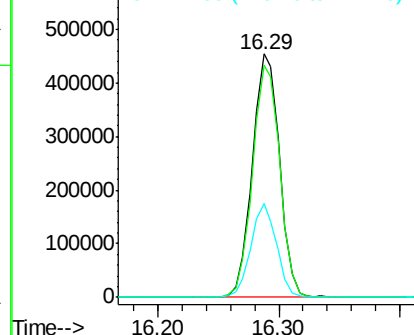
#41  
 2,4,6-Tribromophenol  
 Concen: 83.71 ng  
 RT: 16.29 min Scan# 2289  
 Delta R.T. 0.00 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:330 Resp: 711388  
 Ion Ratio Lower Upper  
 330 100  
 332 95.5 77.4 116.2  
 141 36.6 31.7 47.5

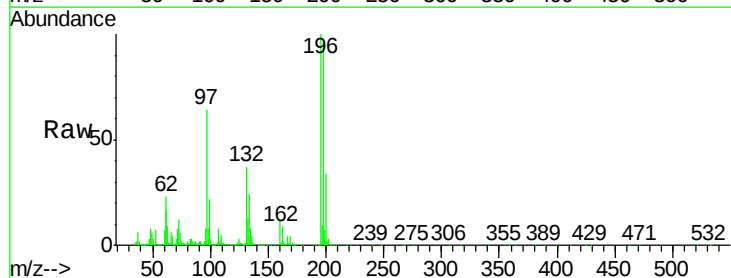


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

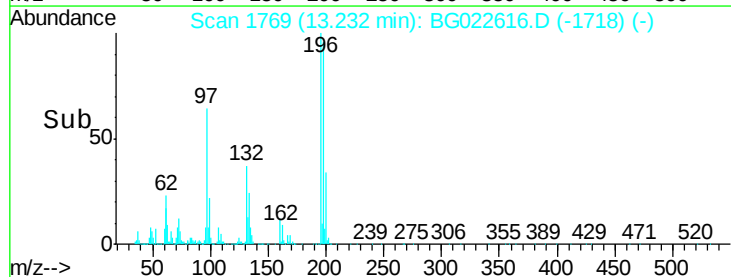
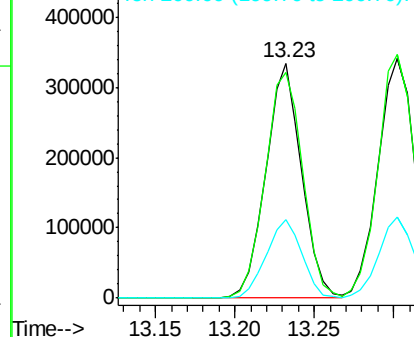


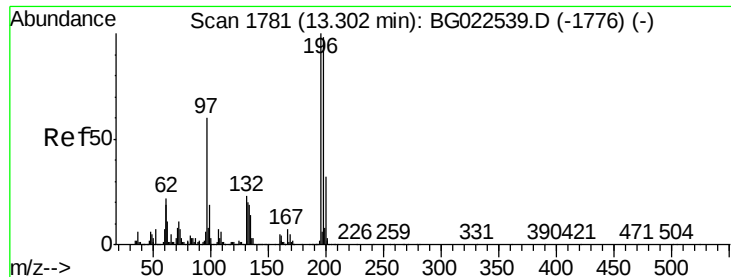
#42  
 2,4,6-Trichlorophenol  
 Concen: 39.86 ng  
 RT: 13.23 min Scan# 1769  
 Delta R.T. 0.00 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Tgt Ion:196 Resp: 521459  
 Ion Ratio Lower Upper  
 196 100  
 198 95.9 78.2 117.2  
 200 33.7 27.0 40.4



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

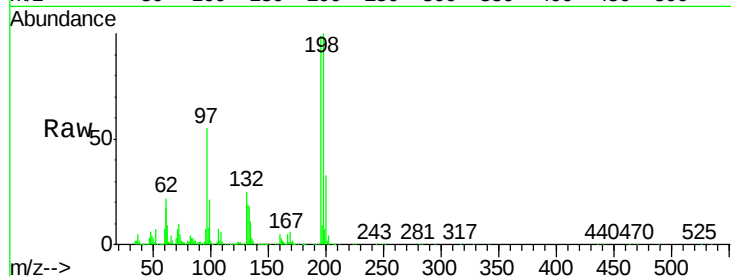




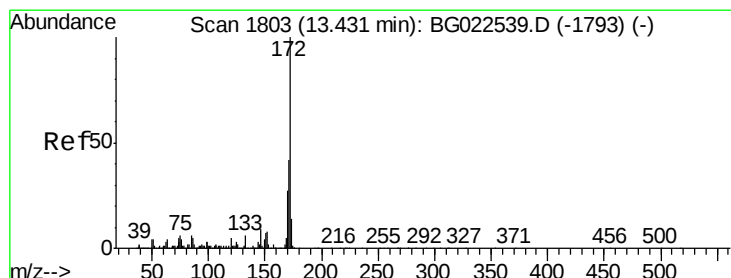
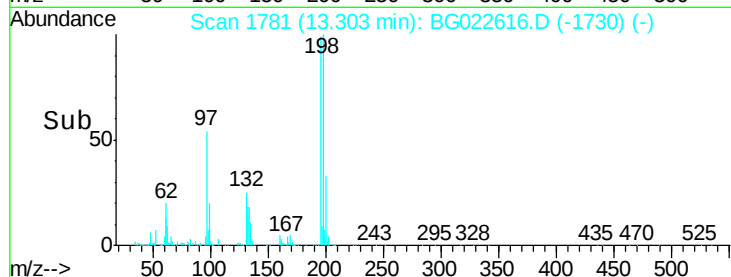
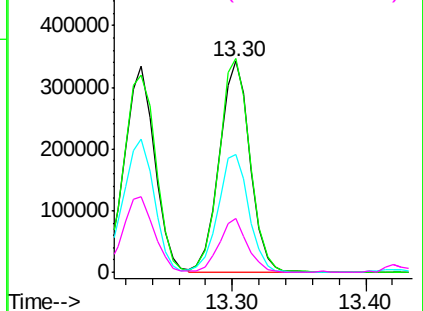
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.18 ng  
 RT: 13.30 min Scan# 1781  
 Delta R.T. 0.00 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:196 Resp: 549924  
 Ion Ratio Lower Upper  
 196 100  
 198 101.3 85.7 128.5  
 97 56.0 45.5 68.3  
 132 25.3 18.9 28.3

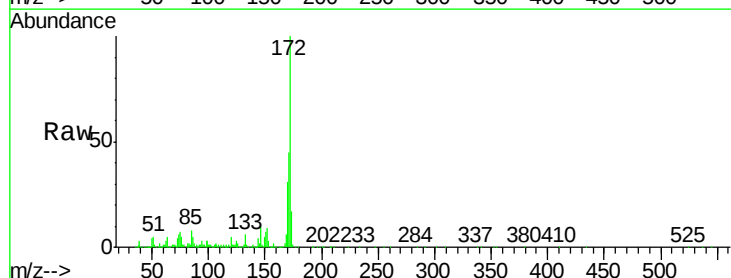


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

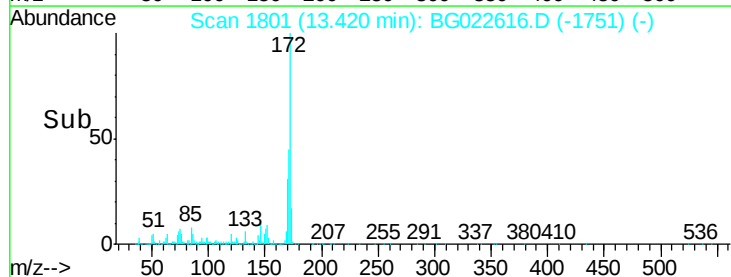
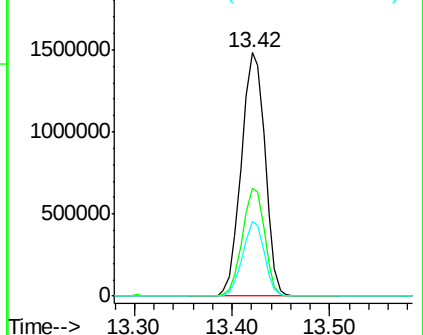


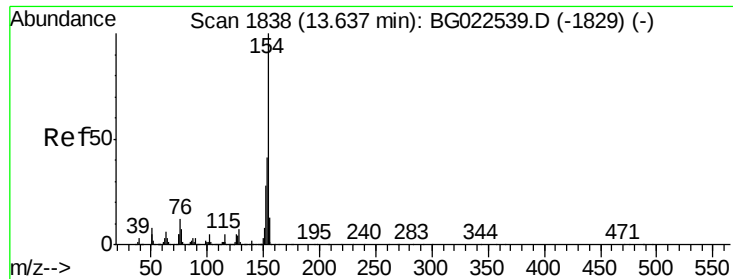
#44  
 2-Fluorobiphenyl  
 Concen: 73.64 ng  
 RT: 13.42 min Scan# 1801  
 Delta R.T. -0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Tgt Ion:172 Resp: 2509127  
 Ion Ratio Lower Upper  
 172 100  
 171 44.5 31.6 47.4  
 170 30.8 21.3 31.9



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

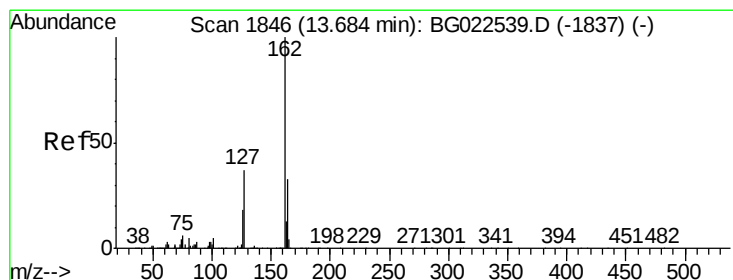
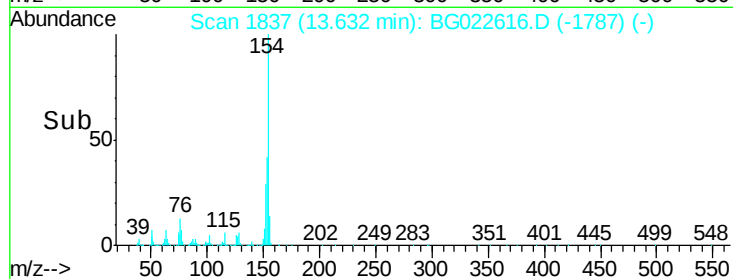
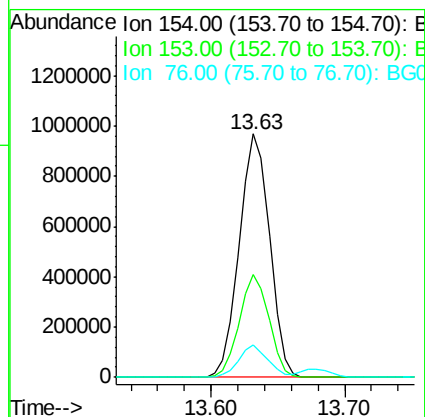
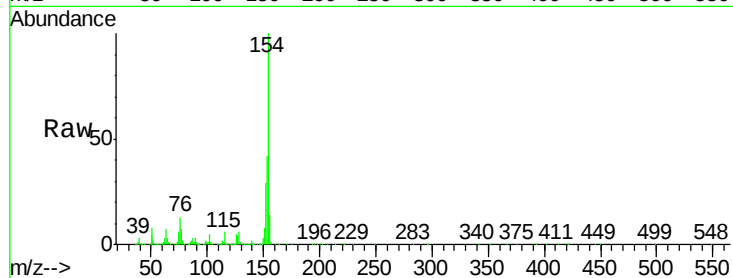




#45  
 1,1'-Biphenyl  
 Concen: 36.94 ng  
 RT: 13.63 min Scan# 1837  
 Delta R.T. -0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

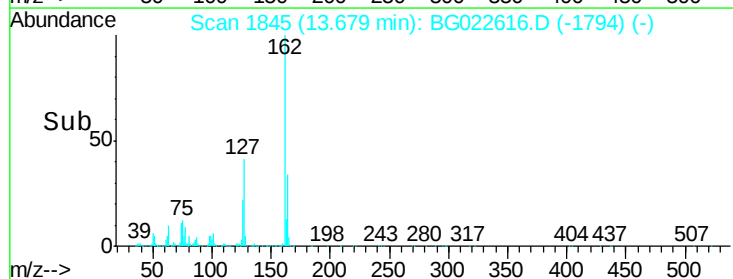
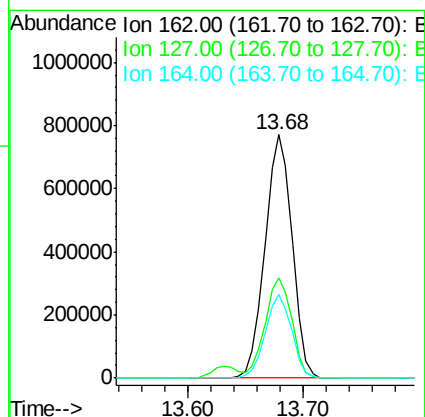
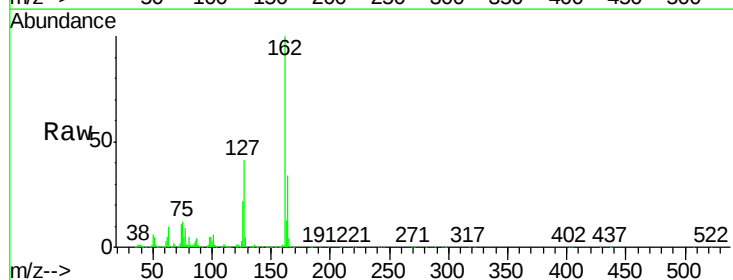
Instrument :  
 BNA\_G  
 ClientSampleId :

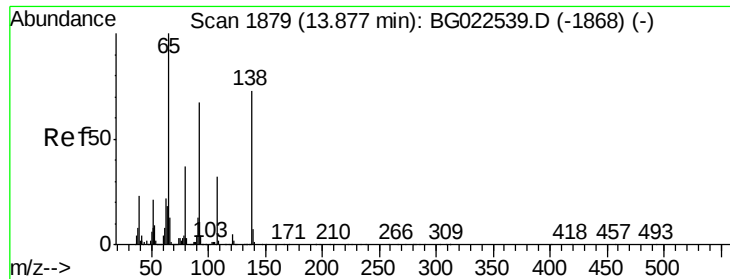
Tot Ion:154 Resp: 1520371  
 Ion Ratio Lower Upper  
 154 100  
 153 42.1 20.2 60.2  
 76 13.5 0.0 32.9



#46  
 2-Chloronaphthalene  
 Concen: 37.22 ng  
 RT: 13.68 min Scan# 1845  
 Delta R.T. 0.00 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Tgt Ion:162 Resp: 1260563  
 Ion Ratio Lower Upper  
 162 100  
 127 41.1 32.4 48.6  
 164 34.3 25.2 37.8

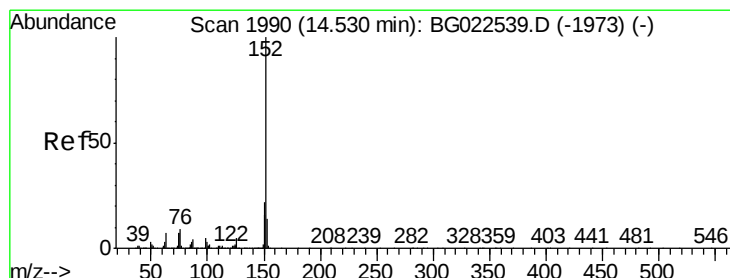
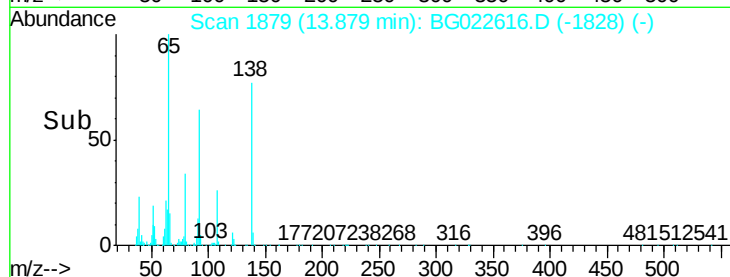
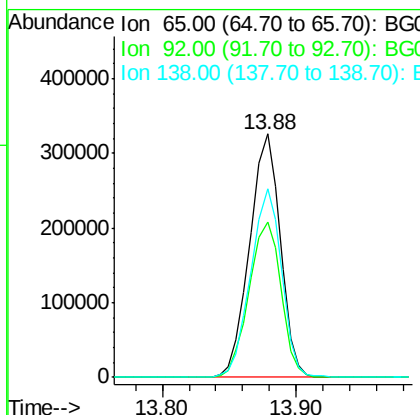
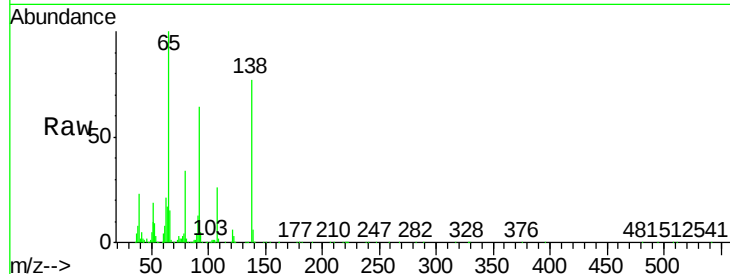




#47  
2-Nitroaniline  
Concen: 39.64 ng  
RT: 13.88 min Scan# 1879  
Delta R.T. 0.00 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

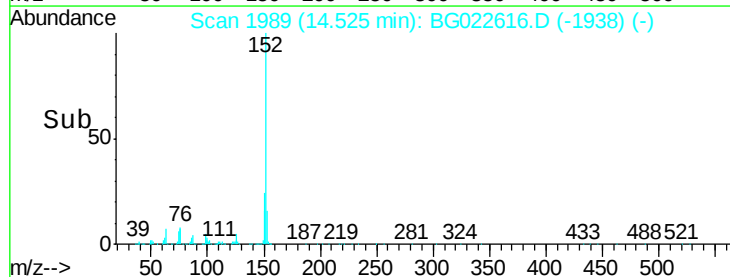
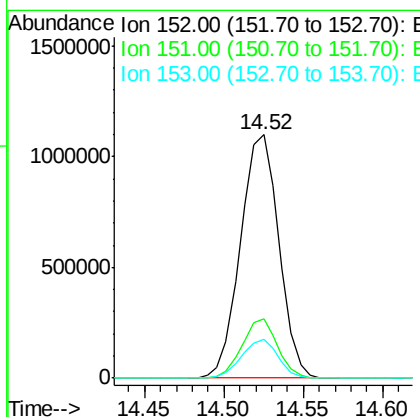
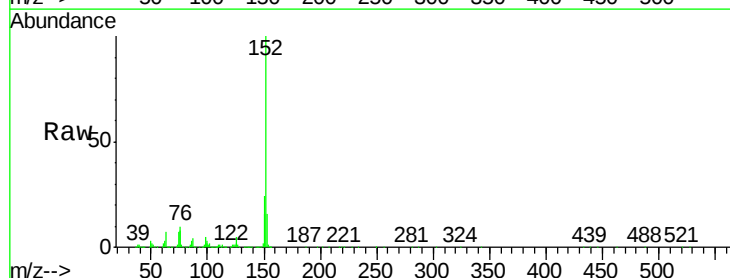
Instrument :  
BNA\_G  
ClientSampleId :

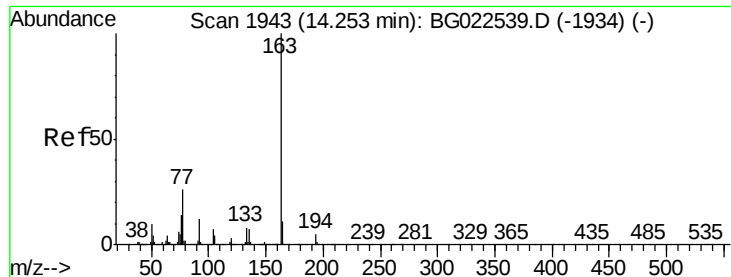
Tot Ion: 65 Resp: 518197  
Ion Ratio Lower Upper  
65 100  
92 63.5 49.4 74.0  
138 77.3 58.0 87.0



#48  
Acenaphthylene  
Concen: 37.55 ng  
RT: 14.52 min Scan# 1989  
Delta R.T. 0.00 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Tgt Ion: 152 Resp: 1844783  
Ion Ratio Lower Upper  
152 100  
151 24.3 17.6 26.4  
153 15.7 11.4 17.2





#49

Dimethylphthalate

Concen: 36.67 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampled :

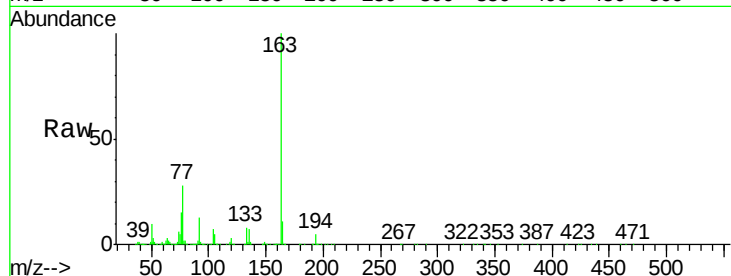
Tot Ion:163 Resp: 1643527

Ion Ratio Lower Upper

163 100

194 5.5 3.6 5.4#

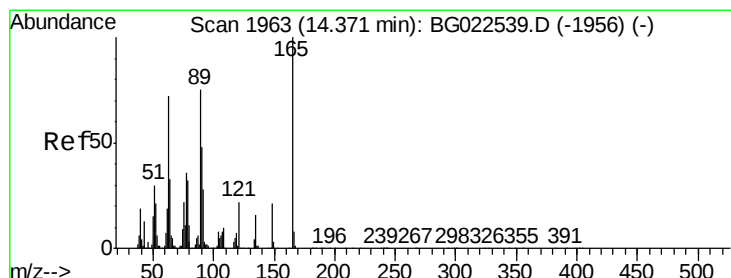
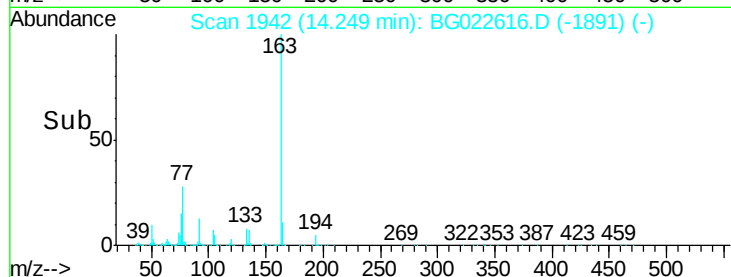
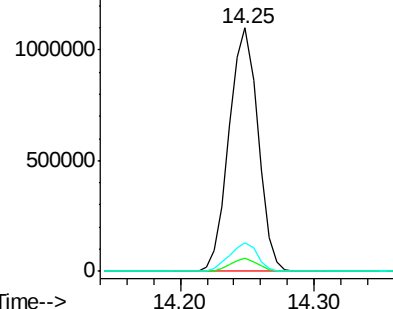
164 11.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.00 ng

RT: 14.37 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

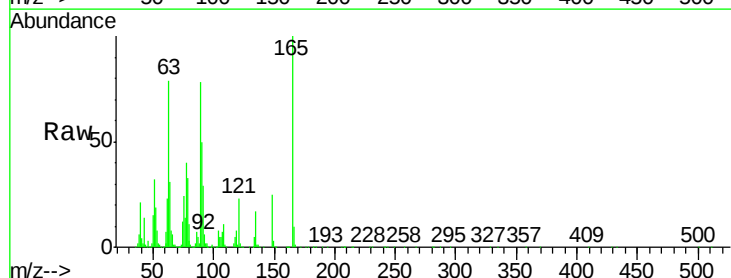
Tgt Ion:165 Resp: 389618

Ion Ratio Lower Upper

165 100

63 79.2 64.3 96.5

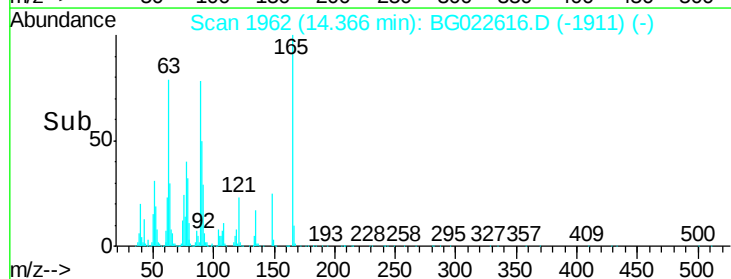
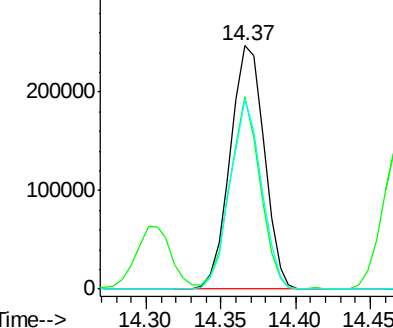
89 78.0 64.3 96.5

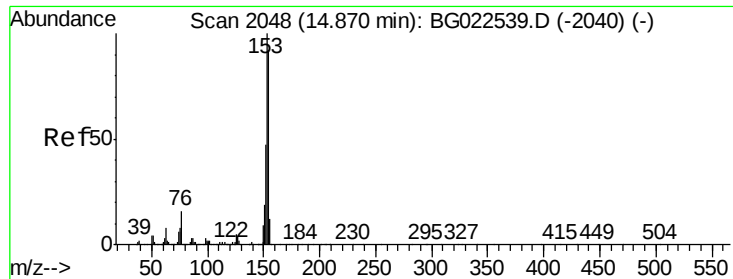


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.03 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampled :

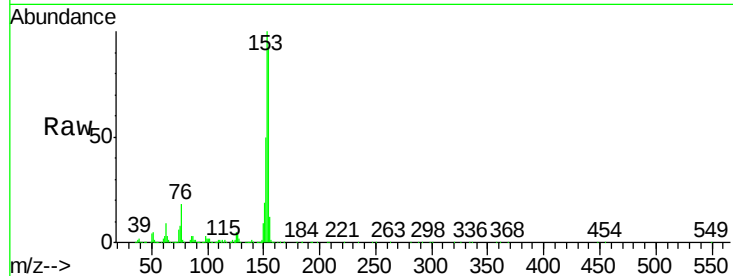
Tot Ion:154 Resp: 1412620

Ion Ratio Lower Upper

154 100

153 108.7 87.5 131.3

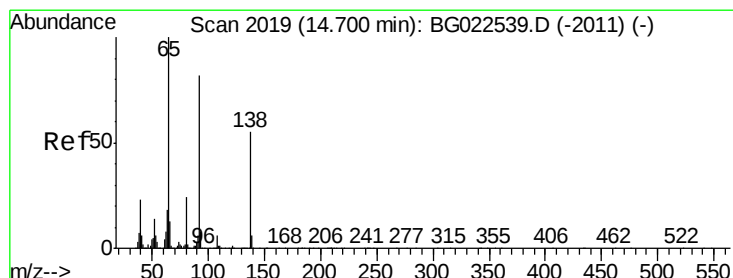
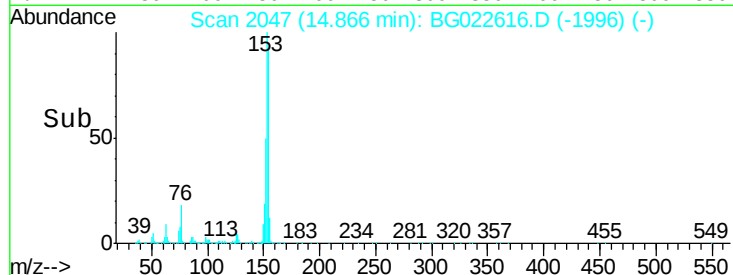
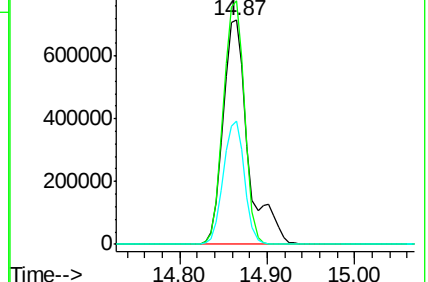
152 54.8 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.81 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

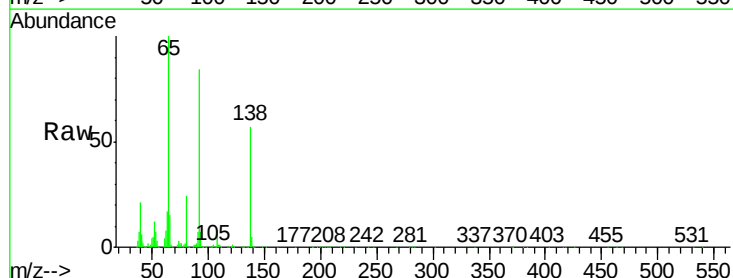
Tgt Ion:138 Resp: 381075

Ion Ratio Lower Upper

138 100

108 14.2 11.7 17.5

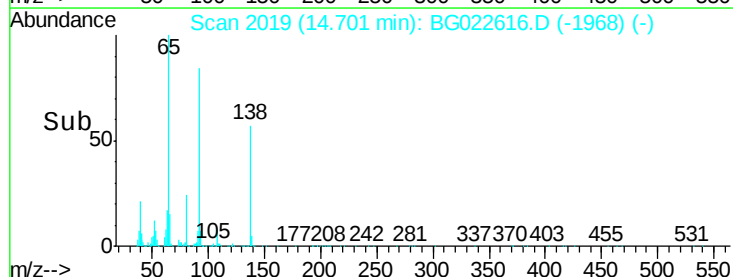
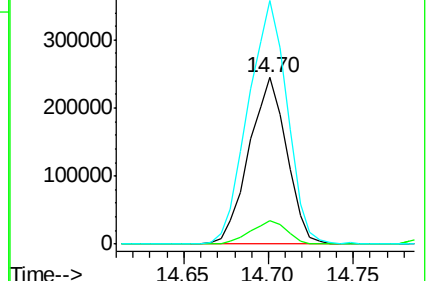
92 146.5 129.7 194.5

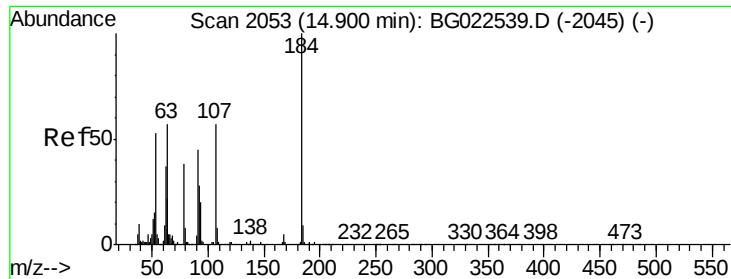


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 42.80 ng

RT: 14.90 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

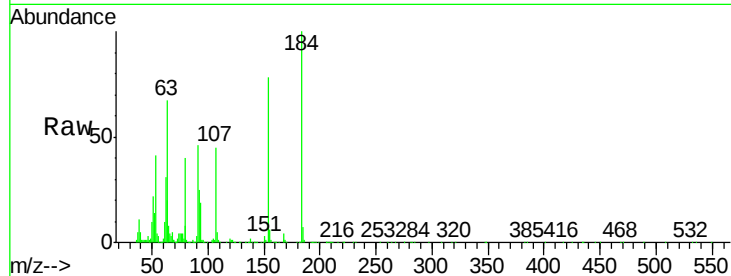
Tot Ion:184 Resp: 256767

Ion Ratio Lower Upper

184 100

63 66.5 59.6 89.4

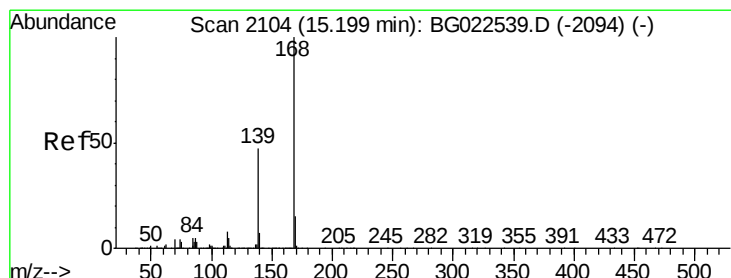
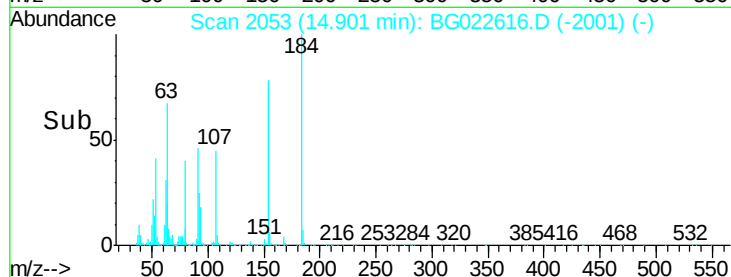
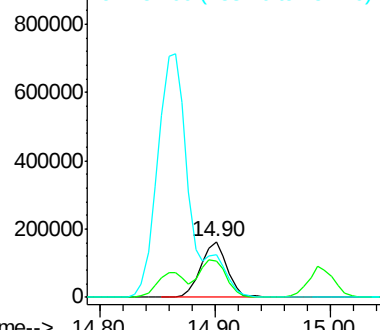
154 78.0 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.57 ng

RT: 15.19 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

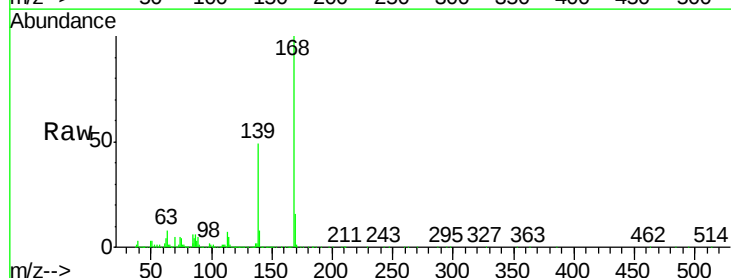
Tgt Ion:168 Resp: 1916645

Ion Ratio Lower Upper

168 100

139 49.1 36.4 54.6

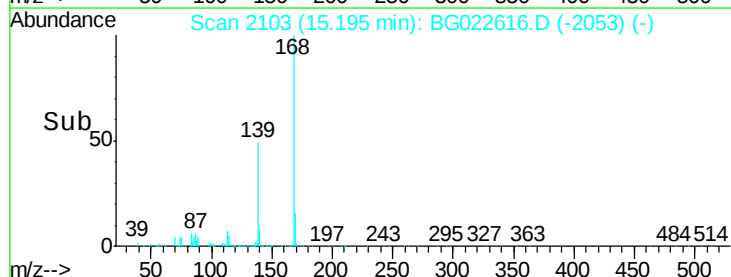
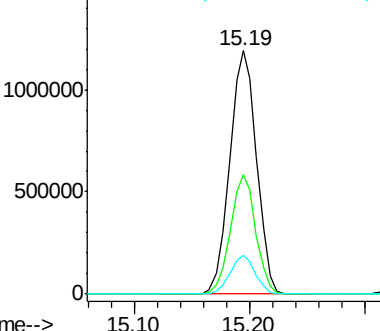
169 16.0 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

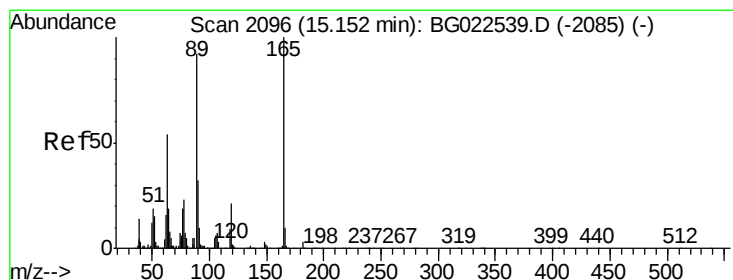
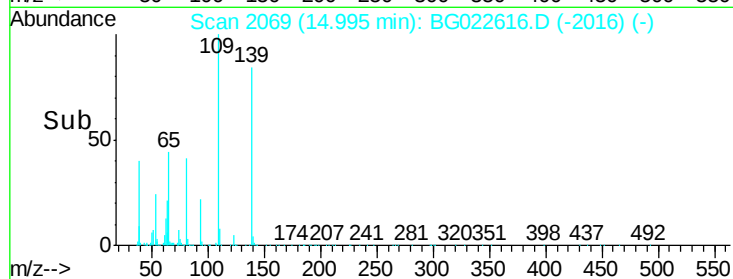
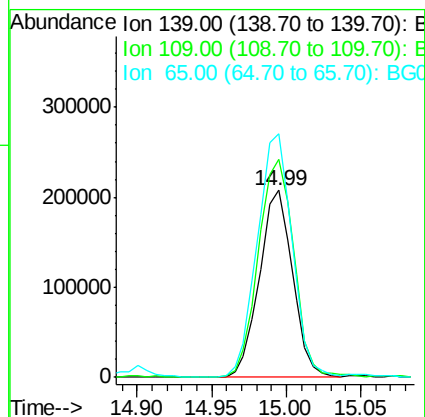
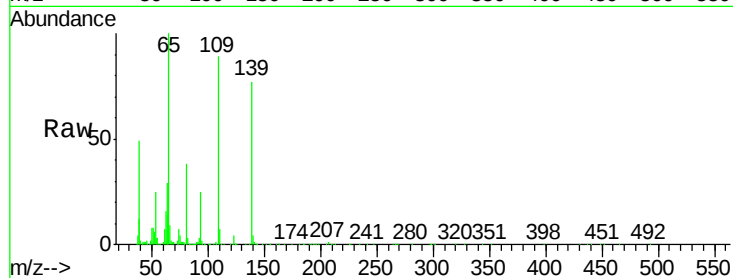




#55  
4-Nitrophenol  
Concen: 41.47 ng  
RT: 14.99 min Scan# 2069  
Delta R.T. 0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

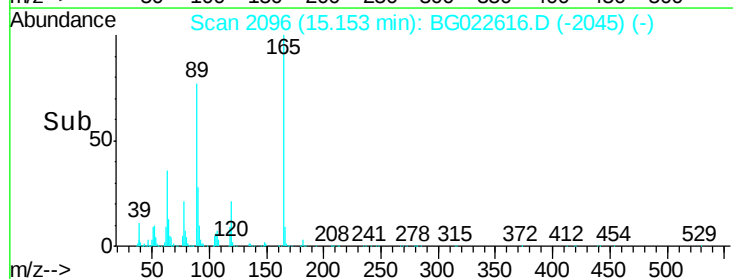
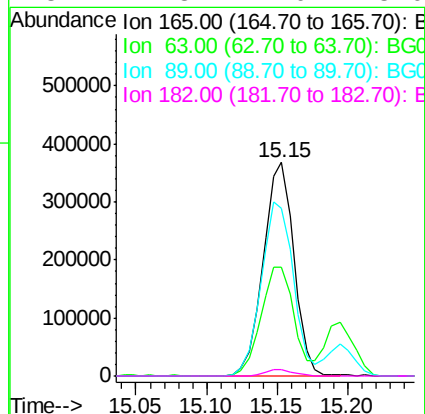
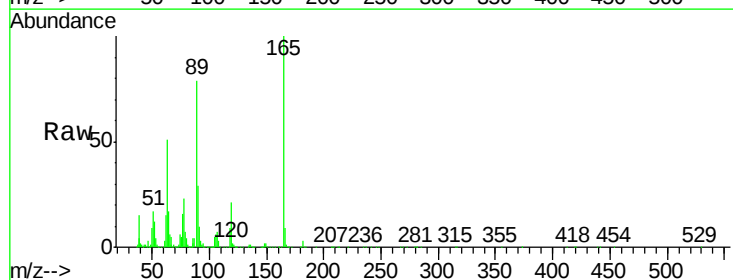
Instrument :  
BNA\_G  
ClientSampleId :

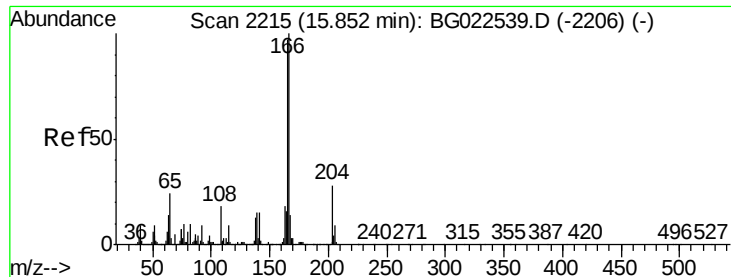
Tot Ion:139 Resp: 319613  
Ion Ratio Lower Upper  
139 100  
109 116.5 103.0 143.0  
65 130.2 112.7 152.7



#56  
2,4-Dinitrotoluene  
Concen: 41.72 ng  
RT: 15.15 min Scan# 2096  
Delta R.T. 0.00 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Tgt Ion:165 Resp: 562885  
Ion Ratio Lower Upper  
165 100  
63 50.9 45.8 68.6  
89 78.6 68.6 102.8  
182 2.8 2.0 3.0

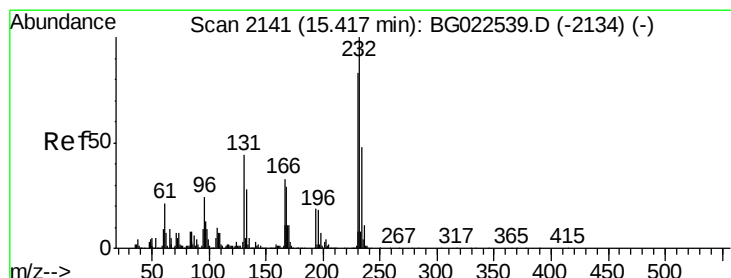
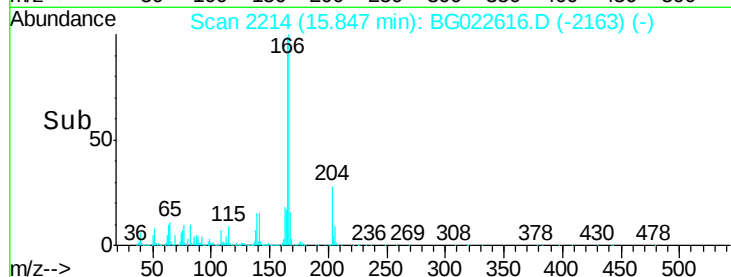
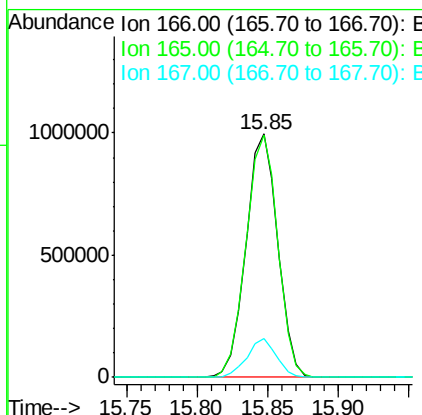
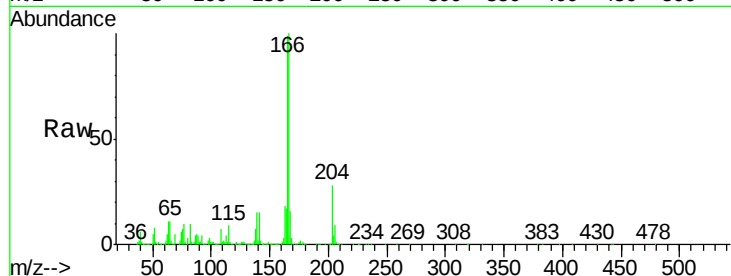




#57  
**Fluorene**  
 Concen: 37.44 ng  
 RT: 15.85 min Scan# 2214  
 Delta R.T. 0.00 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

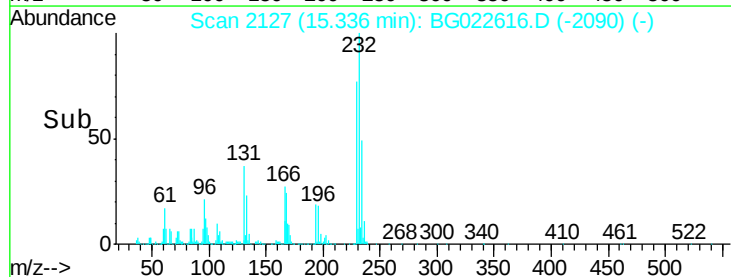
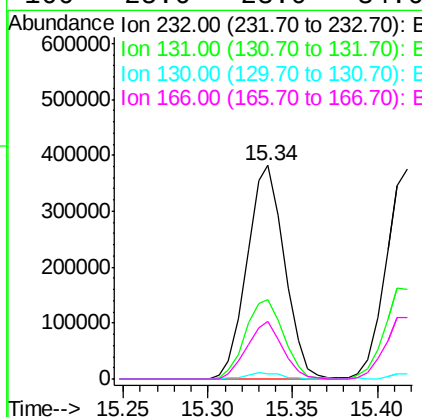
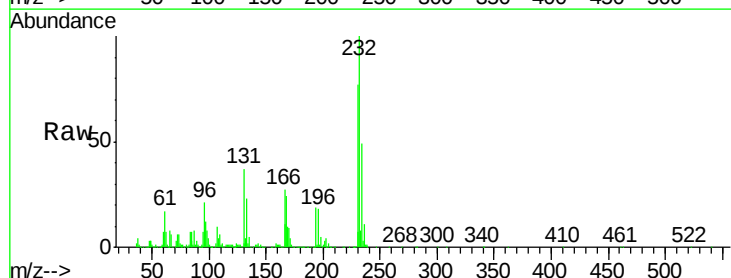
Instrument :  
 BNA\_G  
 ClientSampleId :

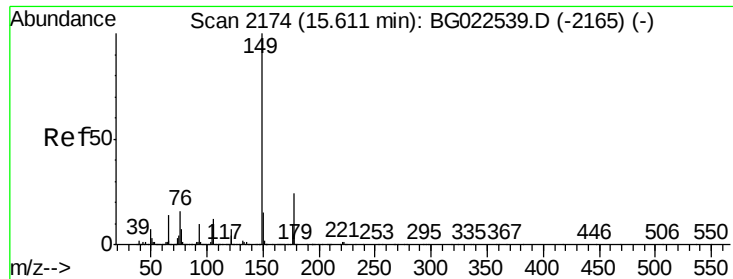
Tot Ion:166 Resp: 1566051  
 Ion Ratio Lower Upper  
 166 100  
 165 99.4 81.0 121.6  
 167 15.7 12.0 18.0



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 41.50 ng  
 RT: 15.34 min Scan# 2127  
 Delta R.T. -0.08 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Tgt Ion:232 Resp: 588982  
 Ion Ratio Lower Upper  
 232 100  
 131 38.2 32.7 49.1  
 130 2.8 2.6 3.8  
 166 25.6 23.0 34.6

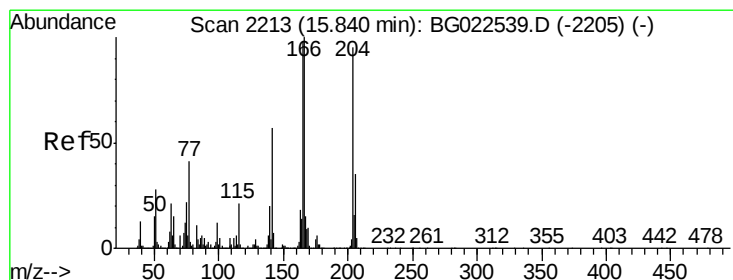
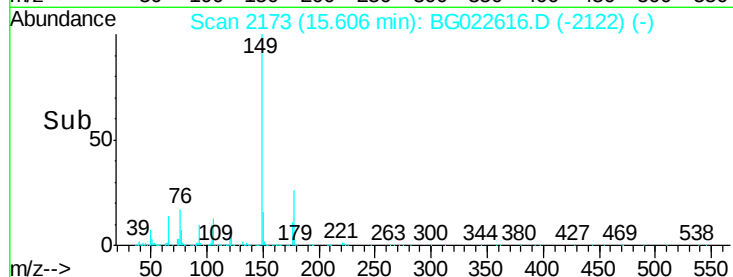
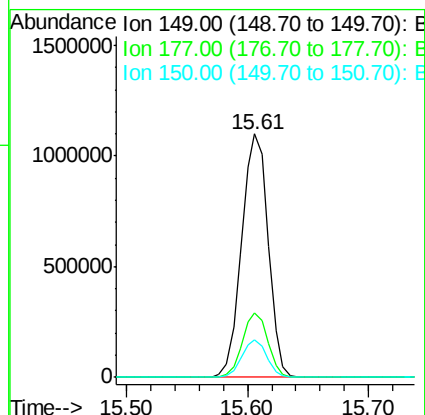
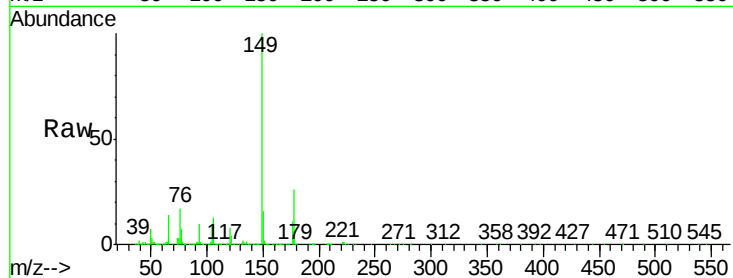




#59  
Diethylphthalate  
Concen: 36.63 ng  
RT: 15.61 min Scan# 2173  
Delta R.T. 0.00 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

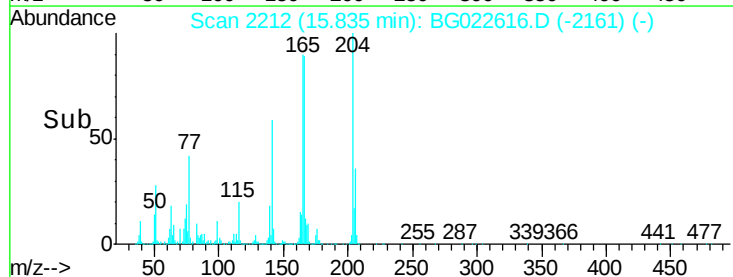
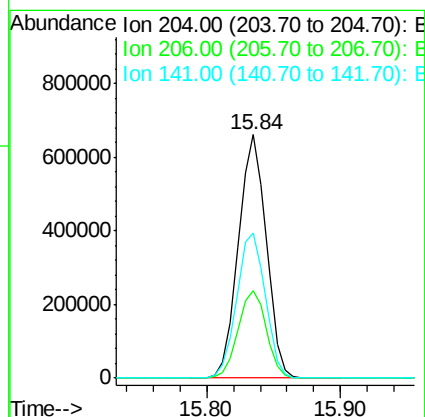
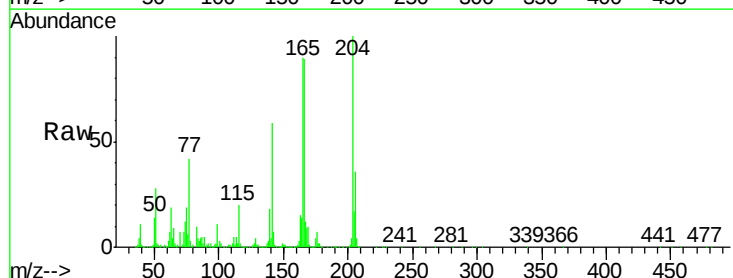
Instrument :  
BNA\_G  
ClientSampled :

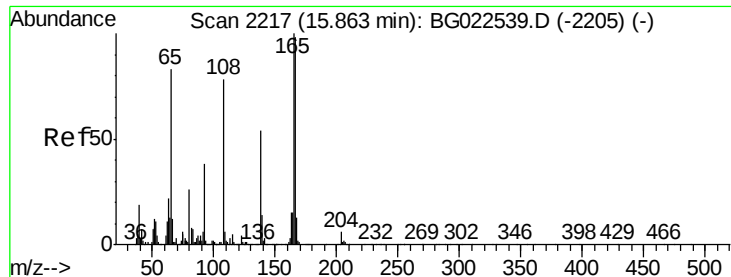
Tot Ion:149 Resp: 1688027  
Ion Ratio Lower Upper  
149 100  
177 26.4 19.2 28.8  
150 15.5 10.6 16.0



#60  
4-Chlorophenyl-phenylether  
Concen: 38.30 ng  
RT: 15.84 min Scan# 2212  
Delta R.T. 0.00 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Tgt Ion:204 Resp: 953682  
Ion Ratio Lower Upper  
204 100  
206 35.7 28.5 42.7  
141 59.4 51.4 77.0





#61

4-Nitroaniline

Concen: 41.57 ng

RT: 15.86 min Scan# 2217

Delta R.T. 0.02 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

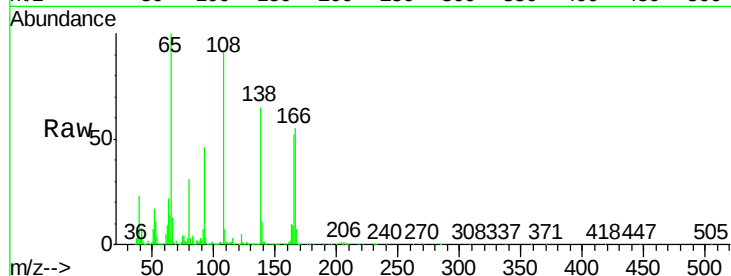
Tot Ion:138 Resp: 390924

Ion Ratio Lower Upper

138 100

92 71.2 54.1 94.1

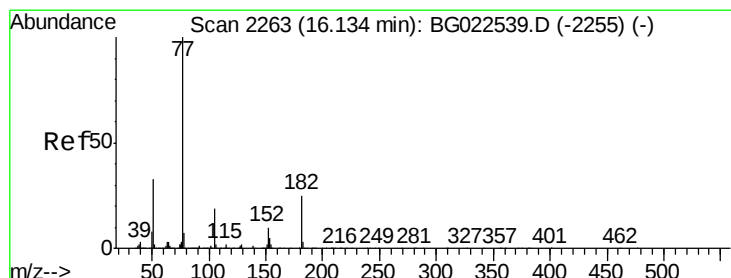
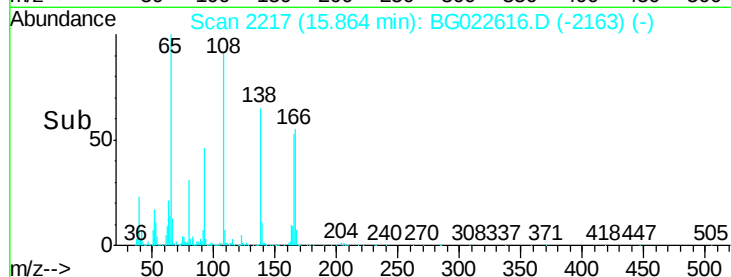
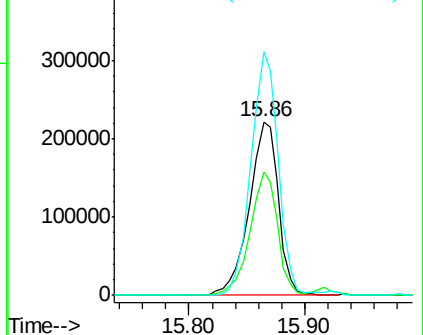
108 140.3 133.9 173.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.65 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Tgt Ion: 77 Resp: 1828879

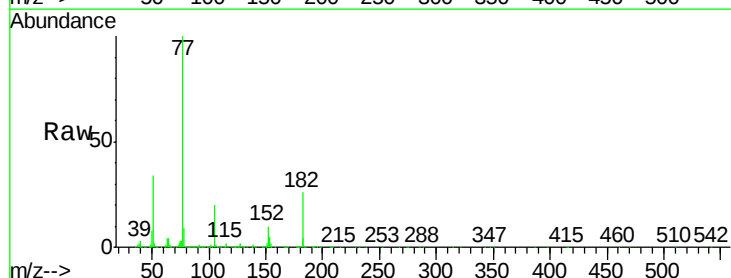
Ion Ratio Lower Upper

77 100

182 26.1 3.5 43.5

105 20.1 0.0 38.5

51 33.8 17.1 57.1

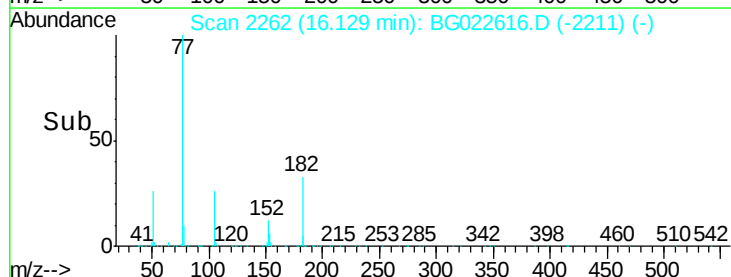
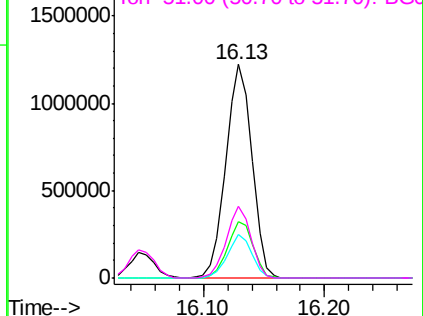


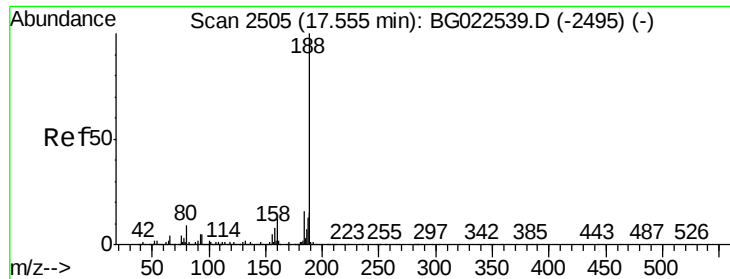
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

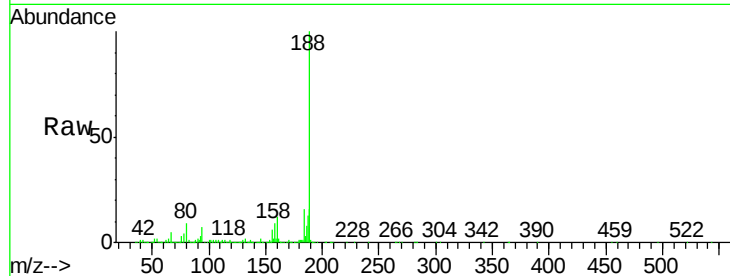




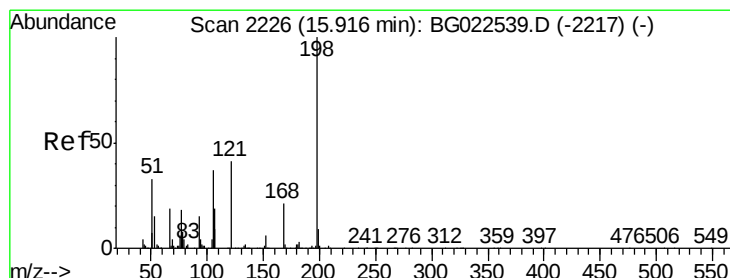
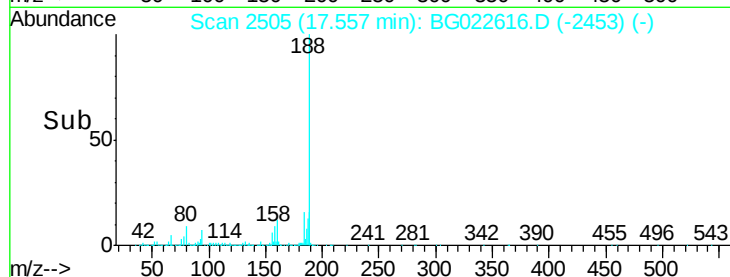
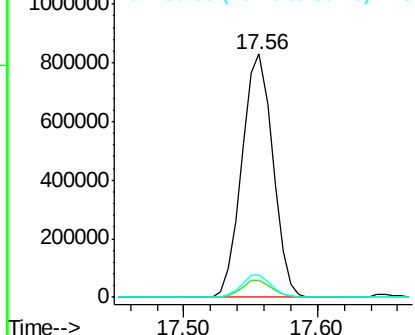
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.56 min Scan# 2505  
Delta R.T. 0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:188 Resp: 1326278  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.2 7.8  
80 9.3 7.2 10.8

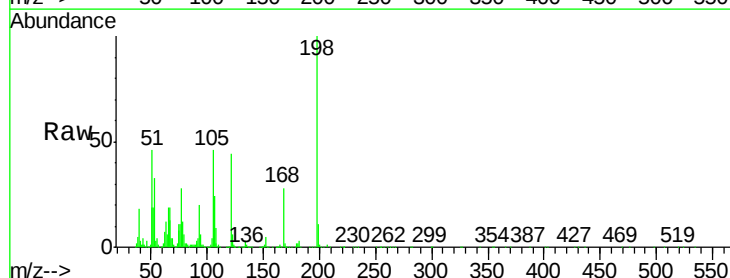


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BG  
Ion 80.00 (79.70 to 80.70): BG

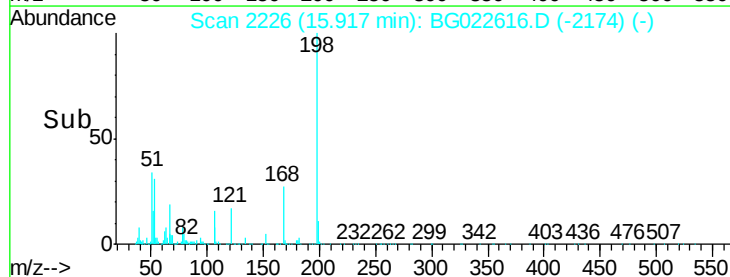
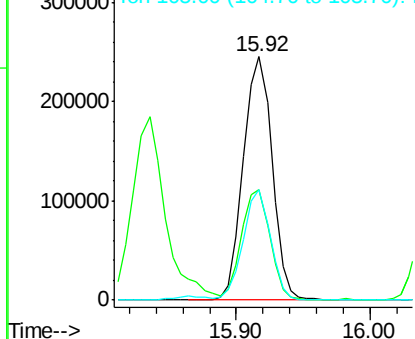


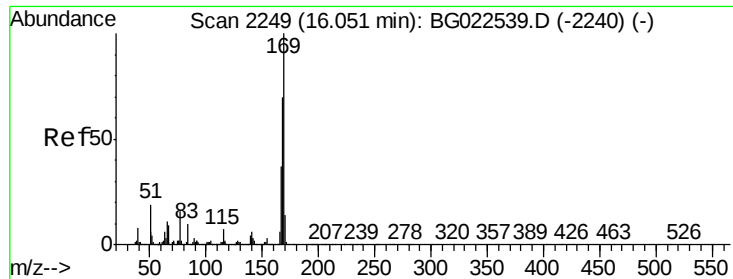
#64  
4,6-Dinitro-2-methylphenol  
Concen: 41.16 ng  
RT: 15.92 min Scan# 2226  
Delta R.T. 0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Tgt Ion:198 Resp: 366151  
Ion Ratio Lower Upper  
198 100  
51 45.5 26.0 66.0  
105 45.5 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

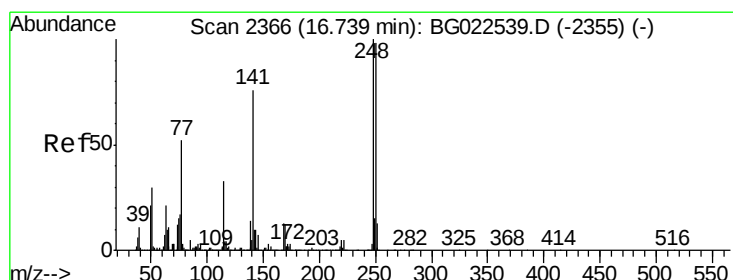
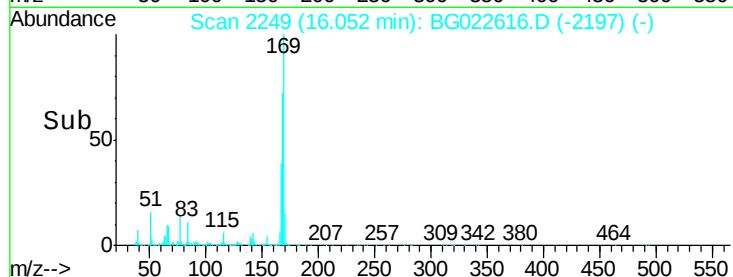
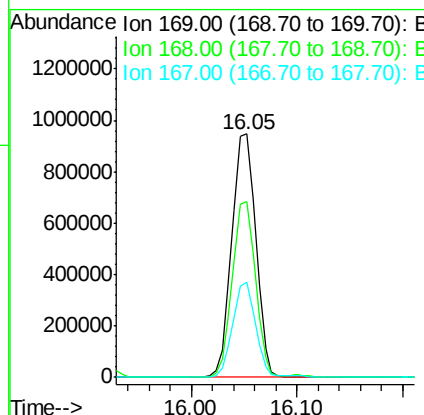
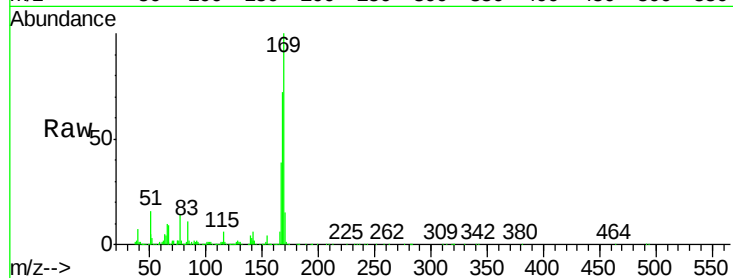




#65  
n-Nitrosodiphenylamine  
Concen: 38.47 ng  
RT: 16.05 min Scan# 2249  
Delta R.T. 0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

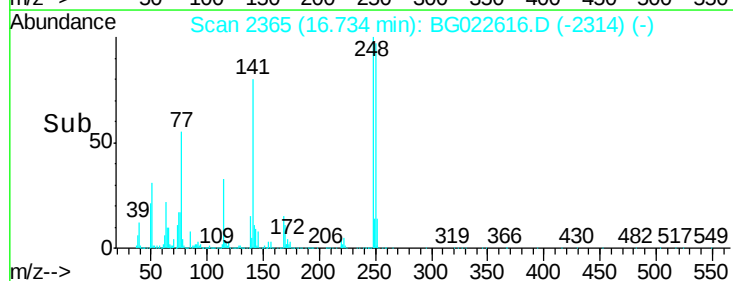
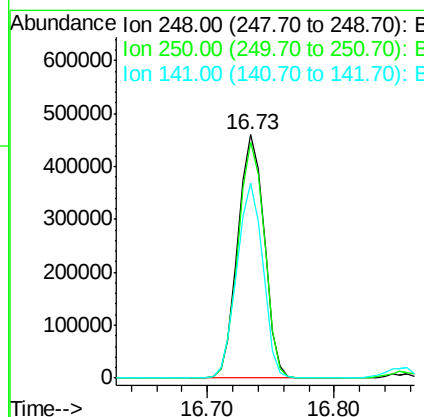
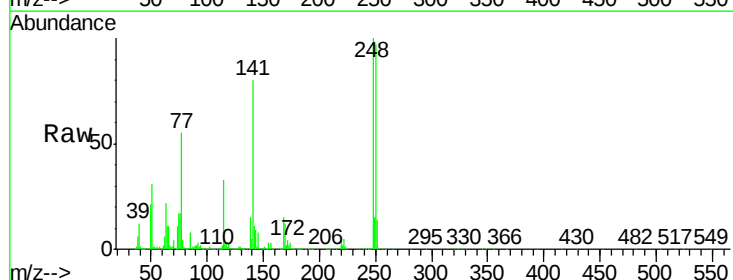
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:169 Resp: 1484870  
Ion Ratio Lower Upper  
169 100  
168 72.2 55.0 82.4  
167 38.9 27.4 41.0



#66  
4-Bromophenyl-phenylether  
Concen: 38.66 ng  
RT: 16.73 min Scan# 2365  
Delta R.T. 0.00 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Tgt Ion:248 Resp: 665122  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.8 116.8  
141 79.9 65.7 98.5





#67

Hexachlorobenzene

Concen: 38.96 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

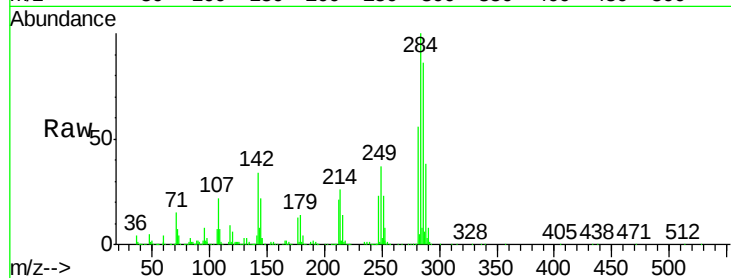
Tot Ion:284 Resp: 708802

Ion Ratio Lower Upper

284 100

142 34.2 26.8 40.2

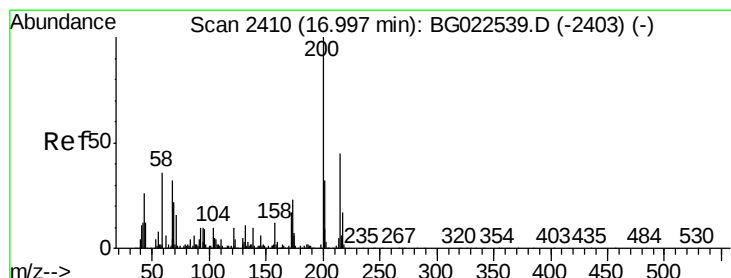
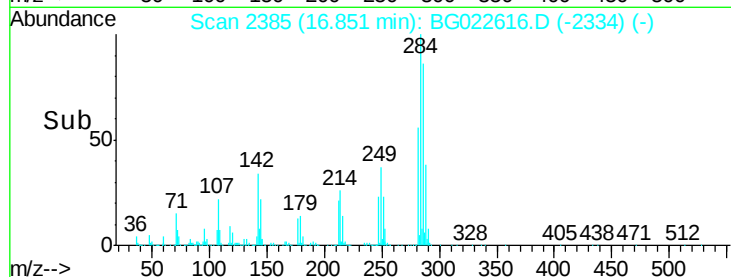
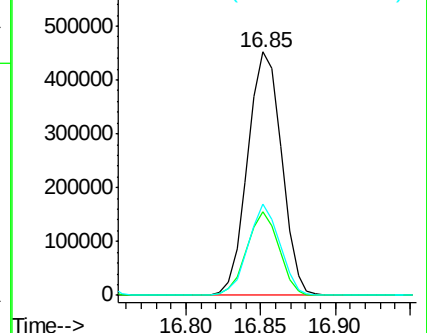
249 37.3 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.68 ng

RT: 17.00 min Scan# 2410

Delta R.T. 0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

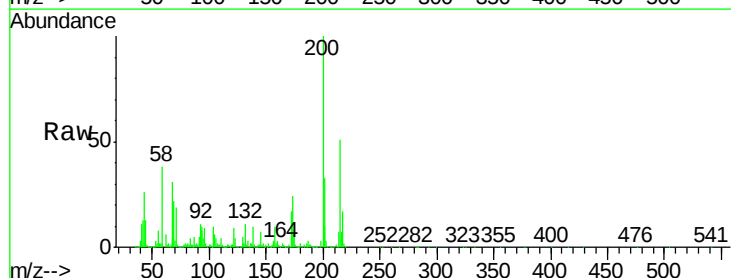
Tgt Ion:200 Resp: 662946

Ion Ratio Lower Upper

200 100

173 23.8 1.6 41.6

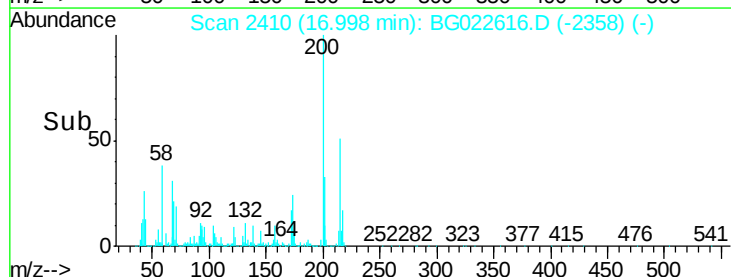
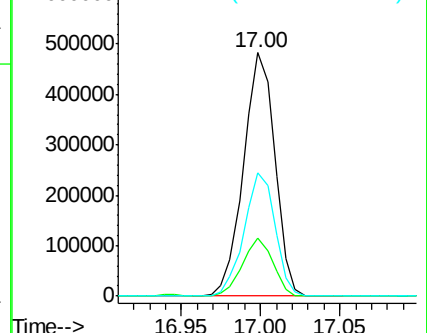
215 50.6 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

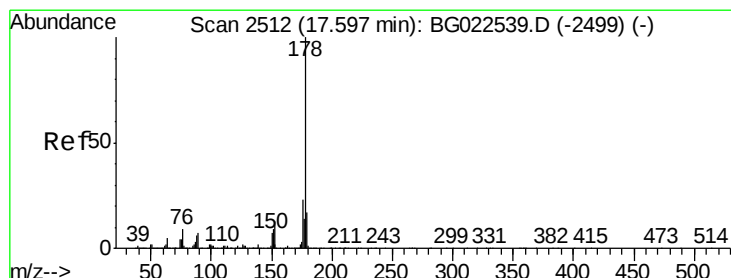
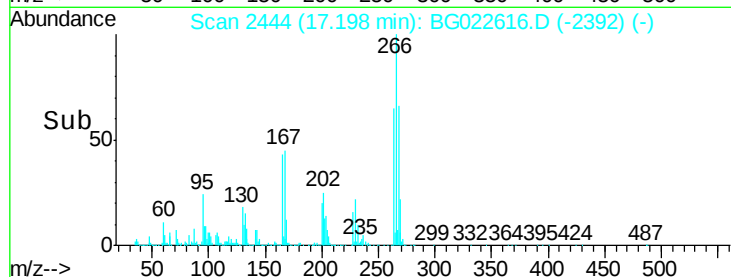
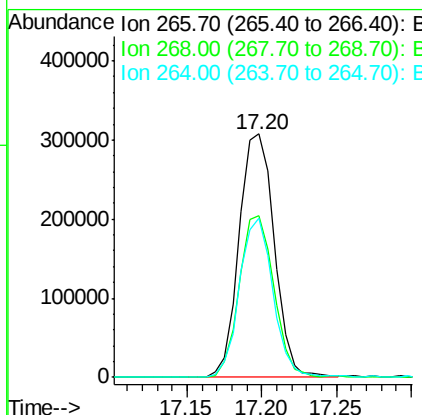
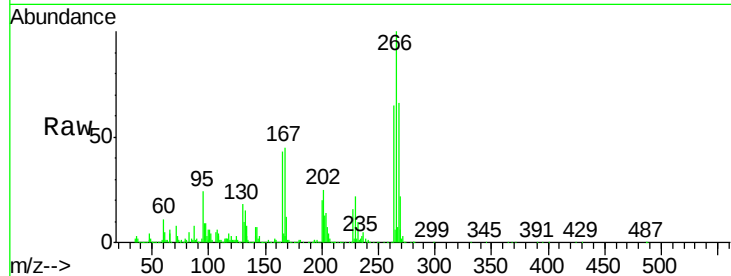




#69  
 Pentachlorophenol  
 Concen: 40.10 ng  
 RT: 17.20 min Scan# 2444  
 Delta R.T. 0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

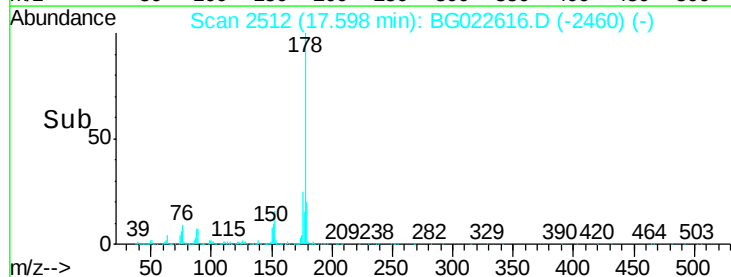
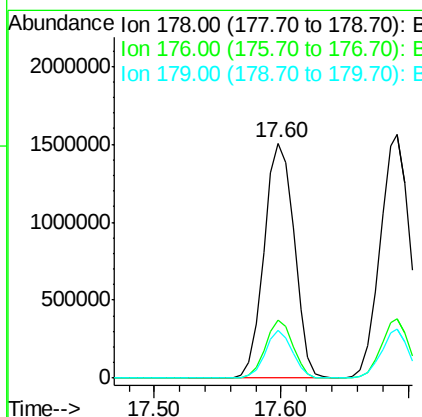
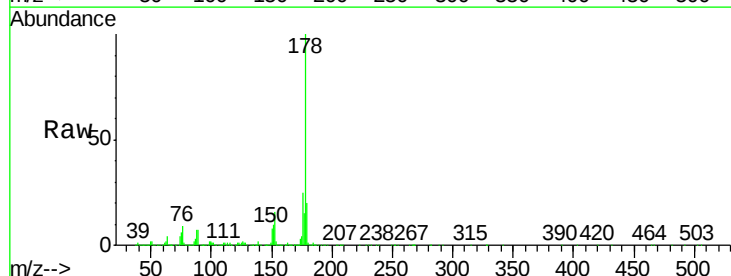
Instrument :  
 BNA\_G  
 ClientSampleId :

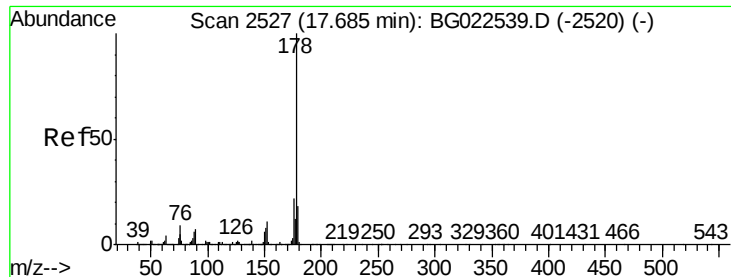
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.2  | 51.9  | 77.9  |
| 264     | 65.4  | 50.6  | 75.8  |



#70  
 Phenanthrene  
 Concen: 36.81 ng  
 RT: 17.60 min Scan# 2512  
 Delta R.T. 0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 24.8  | 16.8  | 25.2  |
| 179     | 20.2  | 14.3  | 21.5  |

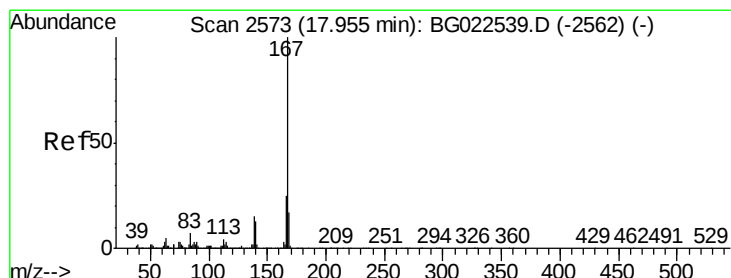
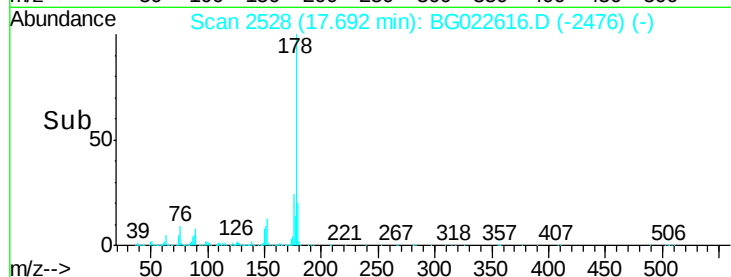
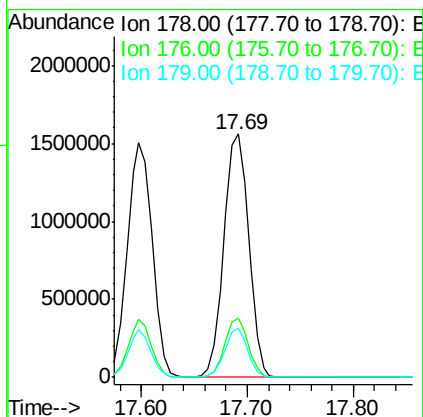
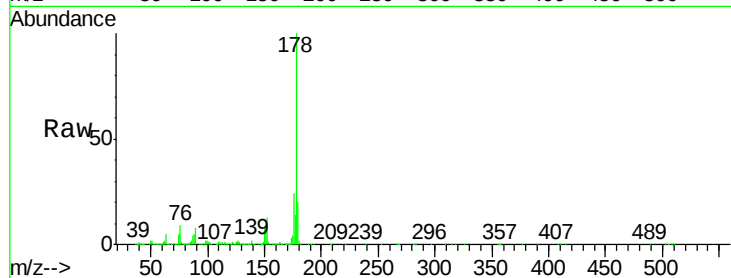




#71  
 Anthracene  
 Concen: 36.59 ng  
 RT: 17.69 min Scan# 2528  
 Delta R.T. 0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

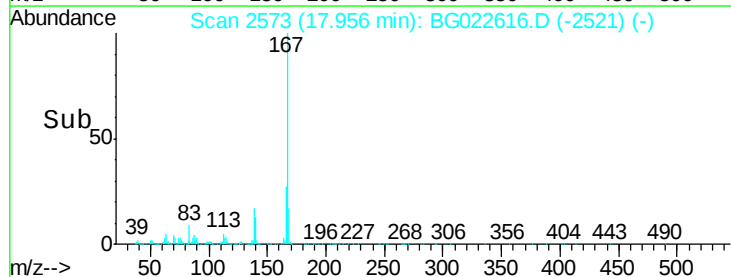
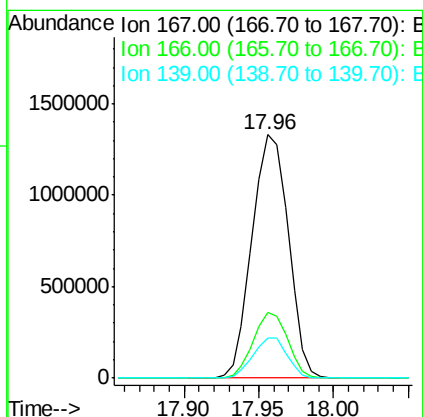
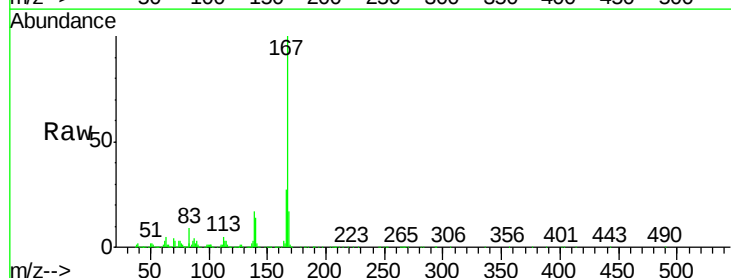
Instrument :  
 BNA\_G  
 ClientSampled :

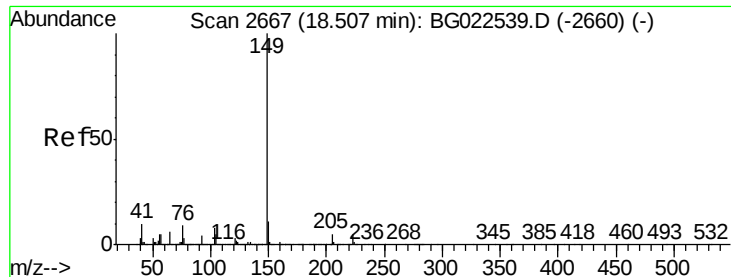
Tot Ion:178 Resp: 2547330  
 Ion Ratio Lower Upper  
 178 100  
 176 24.4 17.3 25.9  
 179 19.9 14.0 21.0



#72  
 Carbazole  
 Concen: 38.05 ng  
 RT: 17.96 min Scan# 2573  
 Delta R.T. 0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Tgt Ion:167 Resp: 2245001  
 Ion Ratio Lower Upper  
 167 100  
 166 26.8 20.7 31.1  
 139 16.7 11.9 17.9





#73

Di-n-butylphthalate

Concen: 37.33 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampled :

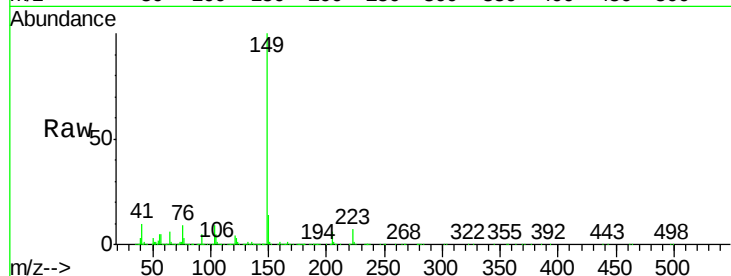
Tot Ion:149 Resp: 2565096

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 13.5  | 9.1   | 13.7  |
| 104 | 9.4   | 6.9   | 10.3  |

149 100

150 13.5 9.1 13.7

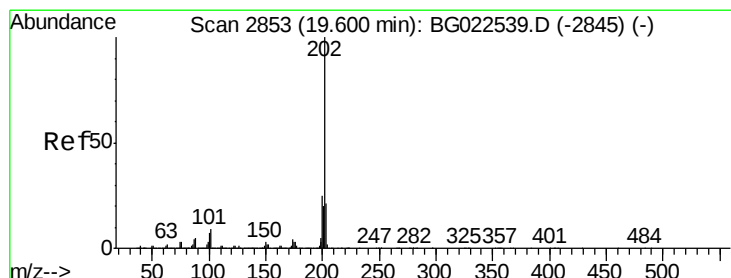
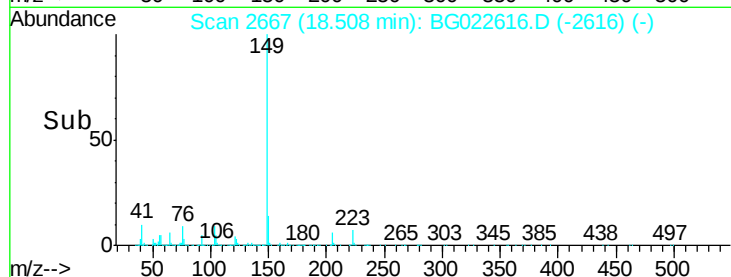
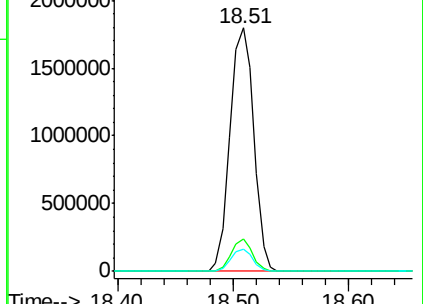
104 9.4 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.95 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

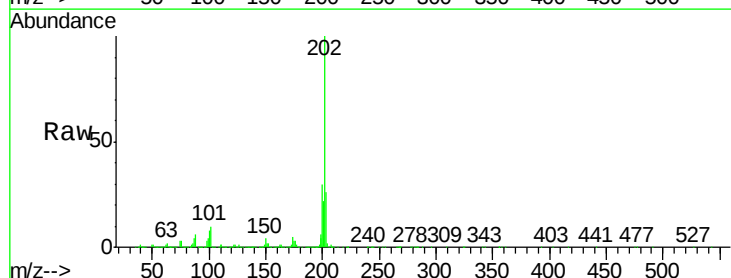
Tgt Ion:202 Resp: 2879373

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 10.0  | 0.0   | 27.4  |
| 203 | 26.2  | 1.7   | 41.7  |

202 100

101 10.0 0.0 27.4

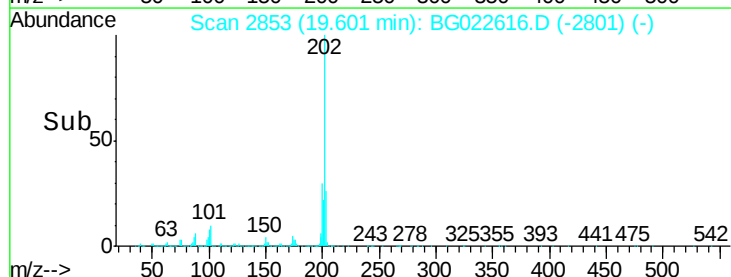
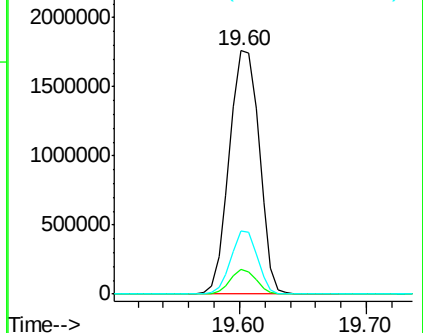
203 26.2 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

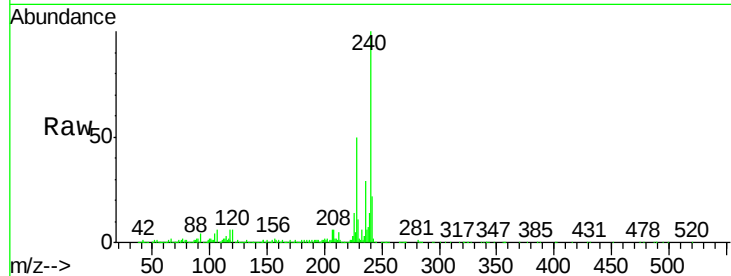
Tot Ion:240 Resp: 1451247

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

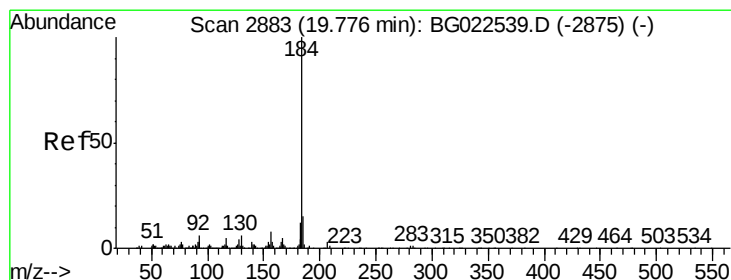
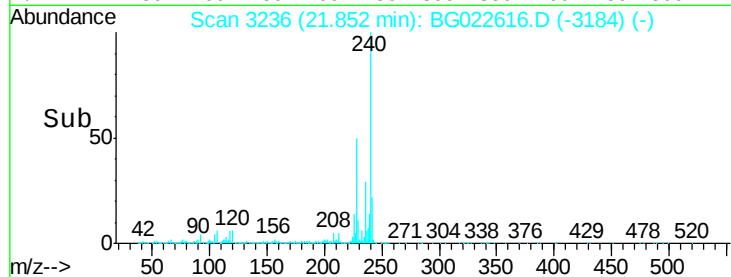
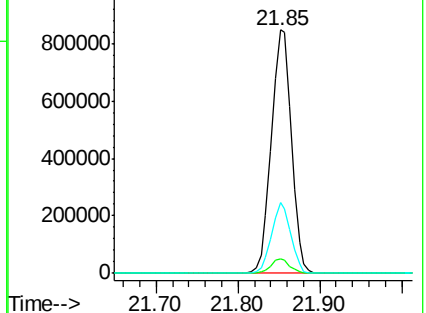
236 29.1 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 69.82 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

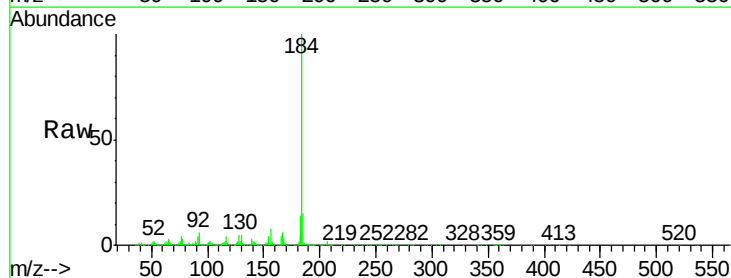
Tgt Ion:184 Resp: 1078732

Ion Ratio Lower Upper

184 100

185 15.5 12.6 19.0

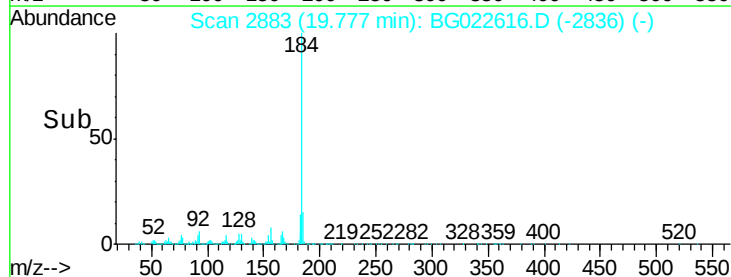
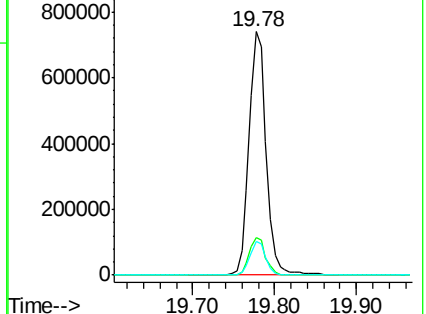
183 13.7 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.76 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

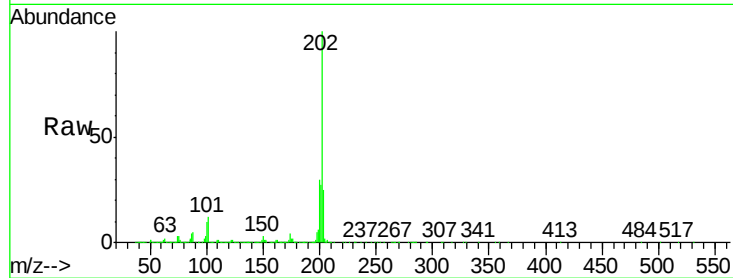
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:202 Resp: 2918504

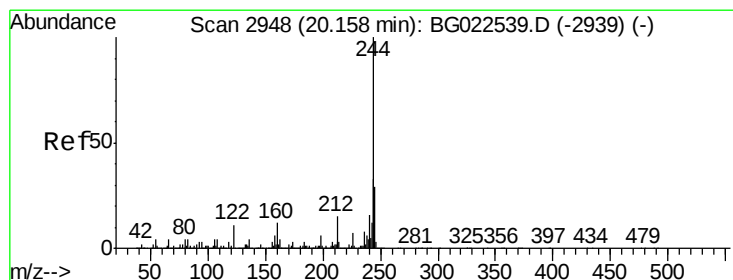
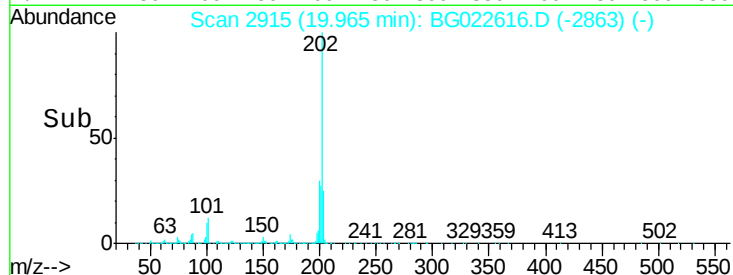
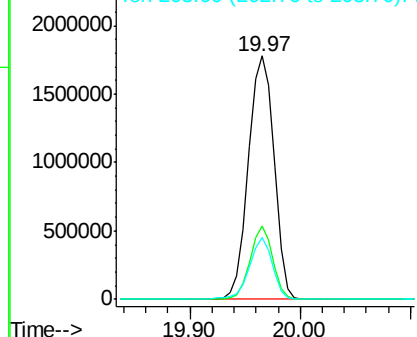
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 30.0  | 21.2  | 31.8  |
| 203 | 25.3  | 16.8  | 25.2  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 61.89 ng

RT: 20.16 min Scan# 2948

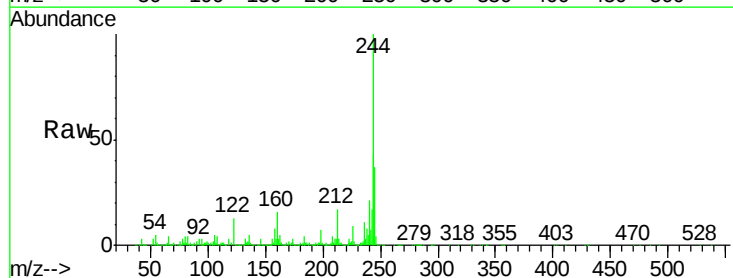
Delta R.T. 0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Tgt Ion:244 Resp: 3389855

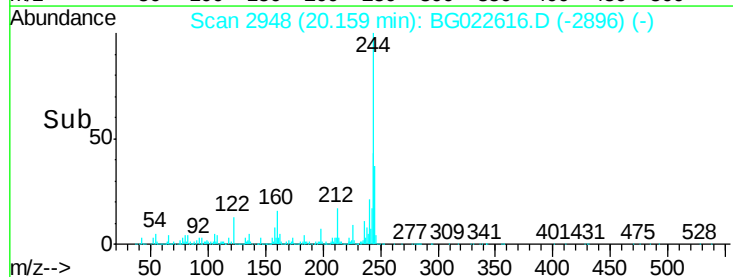
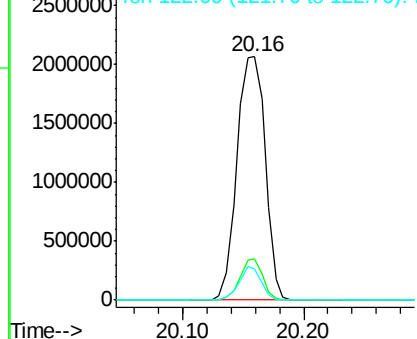
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 17.1  | 10.8  | 16.2  |
| 122 | 12.8  | 8.0   | 12.0  |

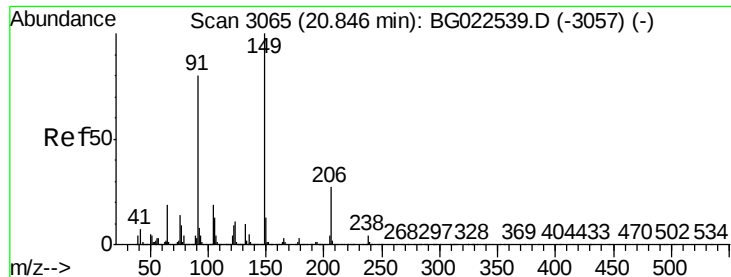


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.56 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampled :

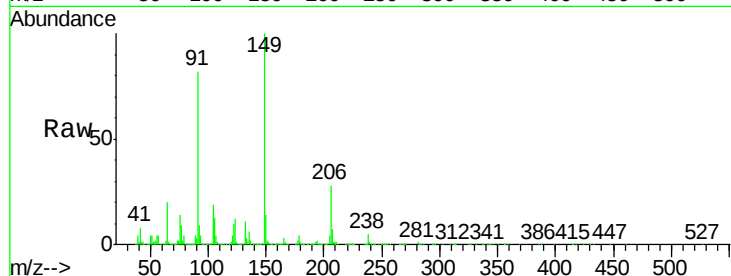
Tot Ion:149 Resp: 1323752

Ion Ratio Lower Upper

149 100

91 82.3 68.1 102.1

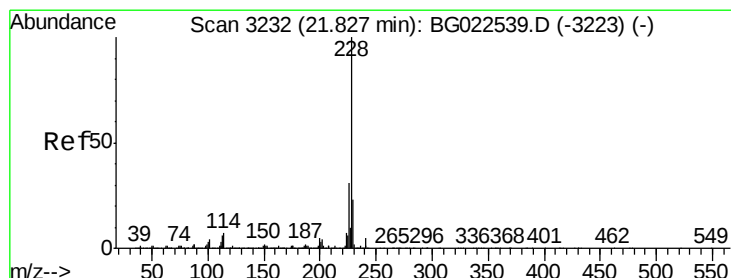
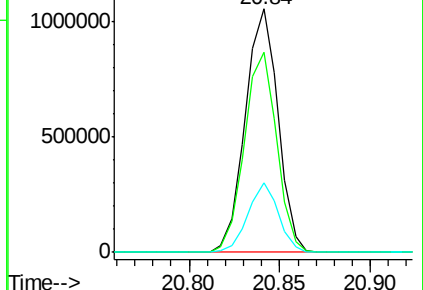
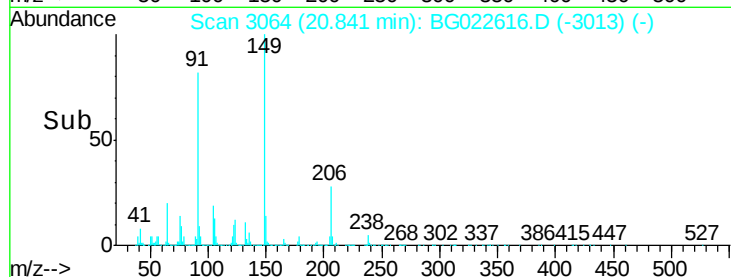
206 28.3 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.61 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

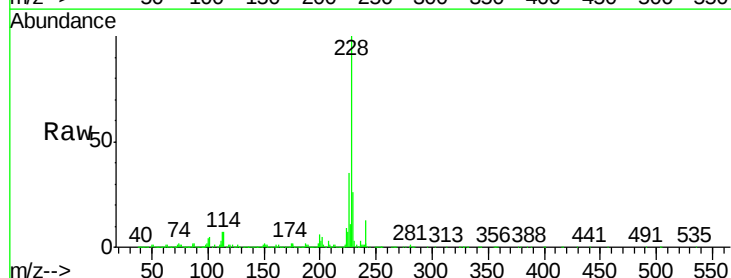
Tgt Ion:228 Resp: 3100830

Ion Ratio Lower Upper

228 100

226 35.3 25.3 37.9

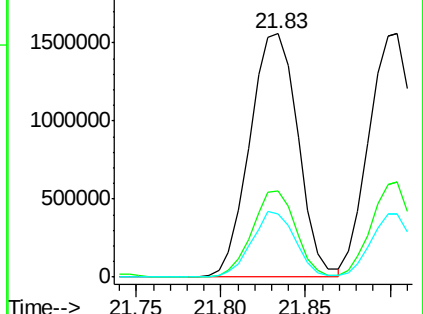
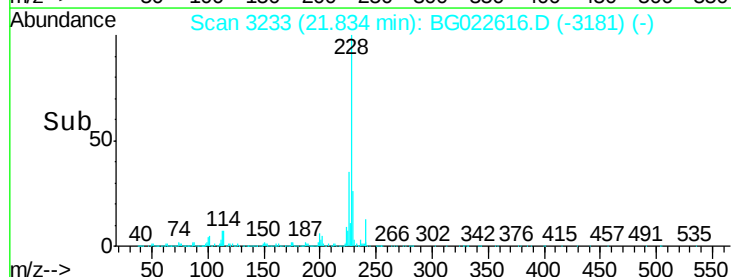
229 25.9 19.9 29.9

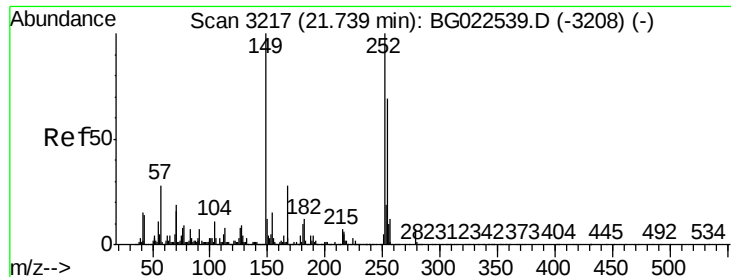


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

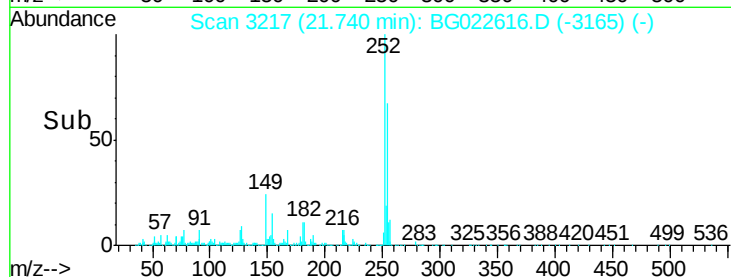
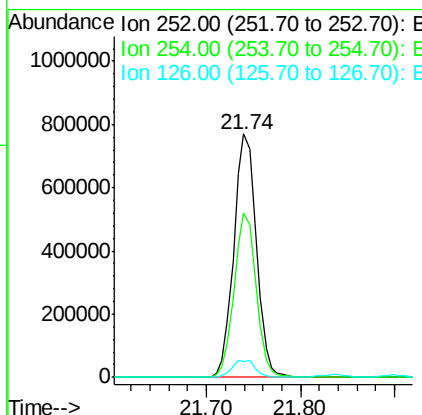
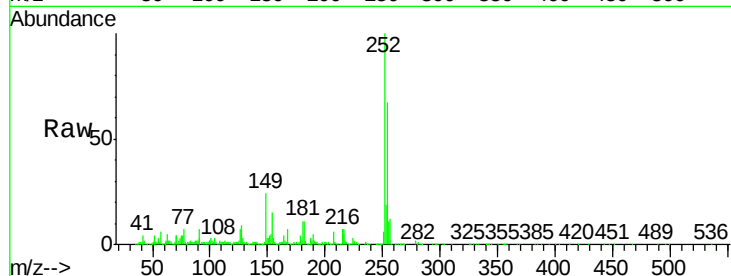




#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.77 ng  
 RT: 21.74 min Scan# 3217  
 Delta R.T. 0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

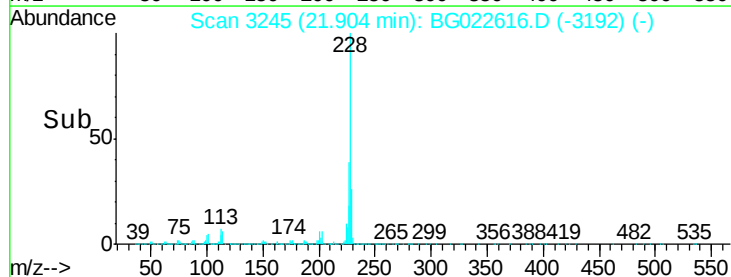
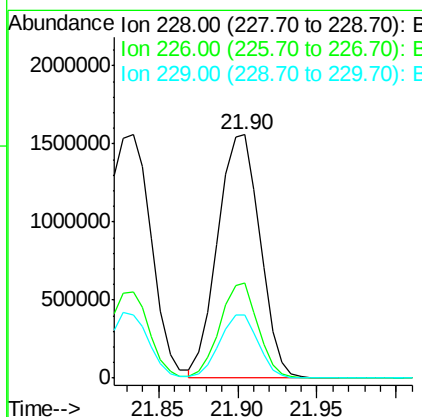
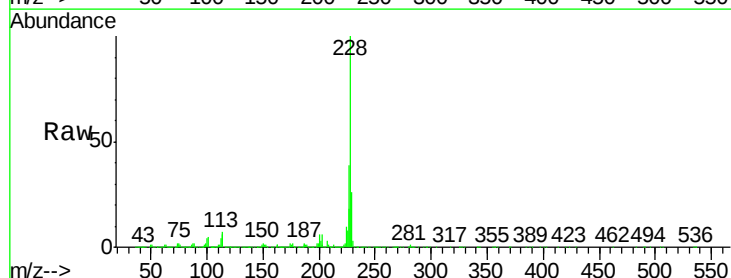
Instrument :  
 BNA\_G  
 ClientSampleId :

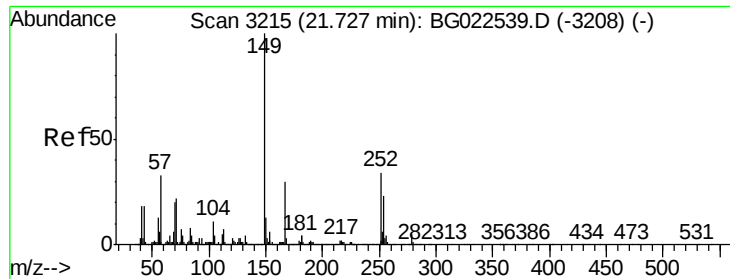
Tot Ion:252 Resp: 1285983  
 Ion Ratio Lower Upper  
 252 100  
 254 67.3 51.2 76.8  
 126 6.7 5.3 7.9



#82  
 Chrysene  
 Concen: 38.26 ng  
 RT: 21.90 min Scan# 3245  
 Delta R.T. 0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Tgt Ion:228 Resp: 2887065  
 Ion Ratio Lower Upper  
 228 100  
 226 39.3 26.7 40.1  
 229 26.0 17.4 26.2

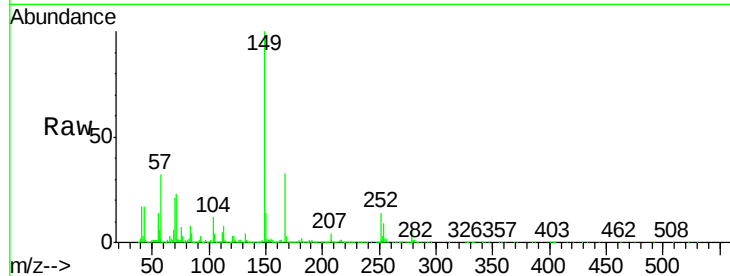




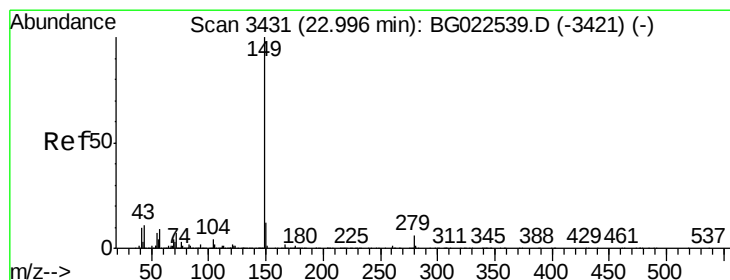
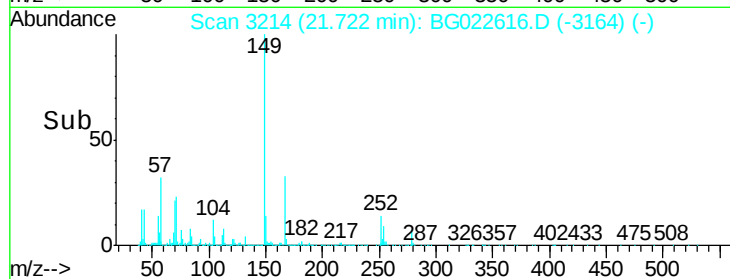
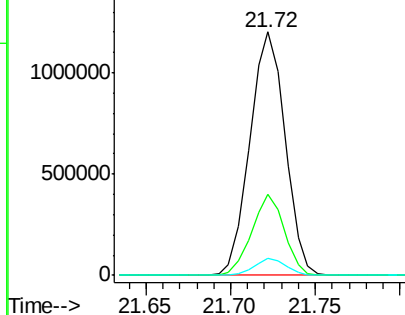
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 36.98 ng  
 RT: 21.72 min Scan# 3214  
 Delta R.T. -0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:149 Resp: 1742250  
 Ion Ratio Lower Upper  
 149 100  
 167 33.3 24.0 36.0  
 279 7.0 4.8 7.2

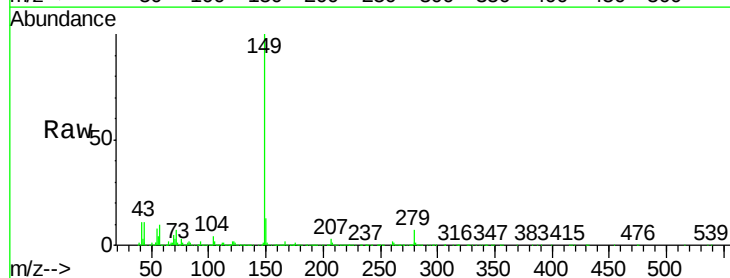


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

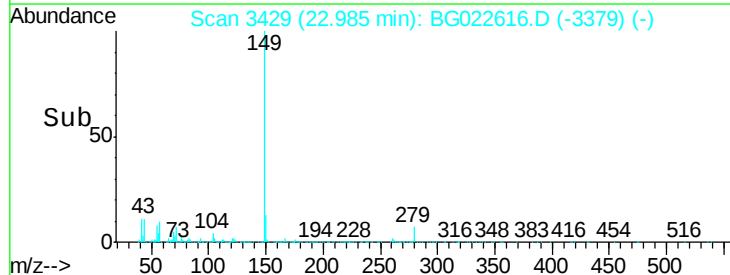
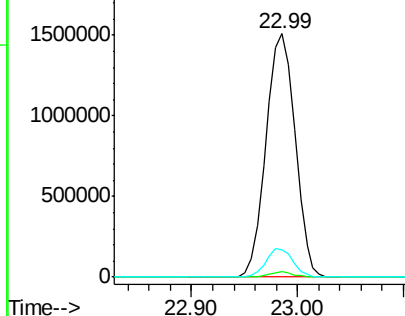


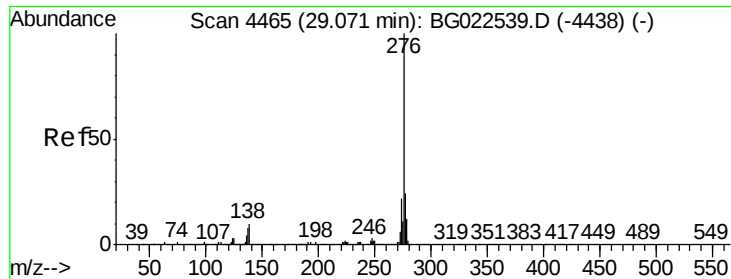
#84  
 Di-n-octyl phthalate  
 Concen: 37.17 ng  
 RT: 22.99 min Scan# 3429  
 Delta R.T. -0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Tgt Ion:149 Resp: 2886460  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.5 2.3  
 43 10.8 8.8 13.2



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

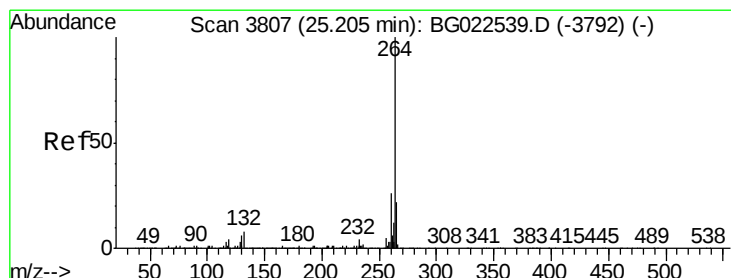
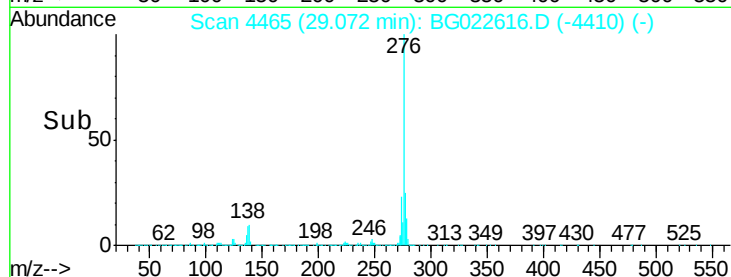
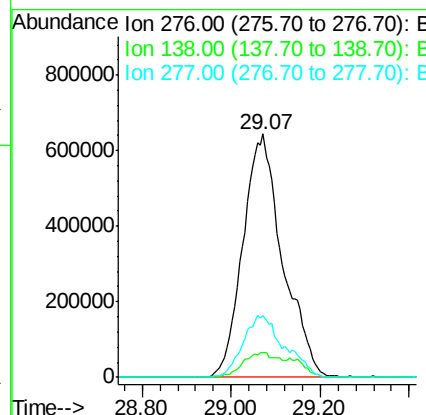
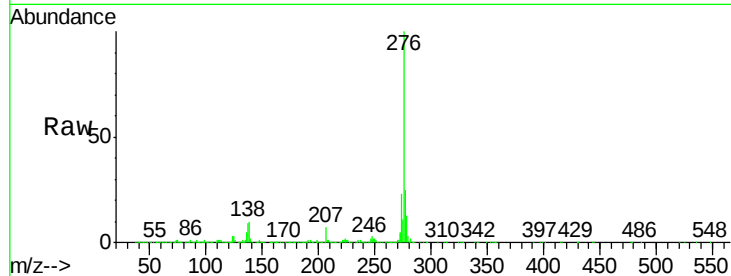




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.93 ng  
 RT: 29.07 min Scan# 4465  
 Delta R.T. 0.02 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

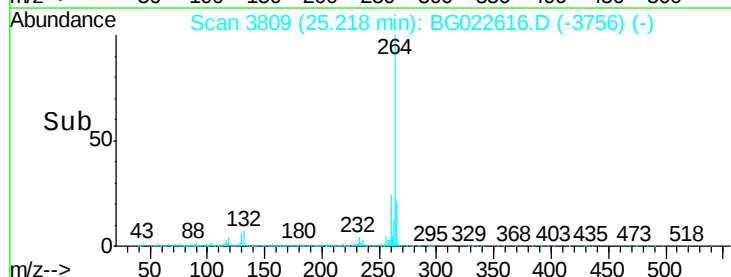
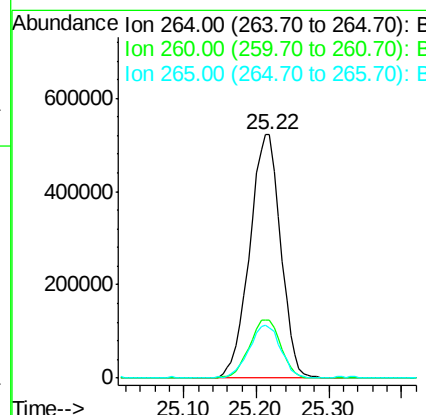
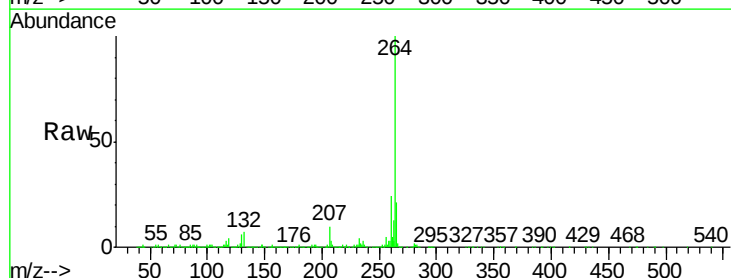
Instrument :  
 BNA\_G  
 ClientSampleId :

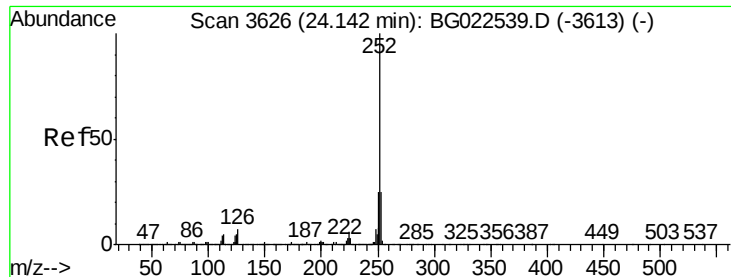
Tot Ion:276 Resp: 3959468  
 Ion Ratio Lower Upper  
 276 100  
 138 9.6 0.0 0.0#  
 277 26.6 0.0 0.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.22 min Scan# 3809  
 Delta R.T. 0.01 min  
 Lab File: BG022616.D  
 Acq: 26 Jun 2016 19:24

Tgt Ion:264 Resp: 1549373  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.4 27.6  
 265 20.8 18.9 28.3

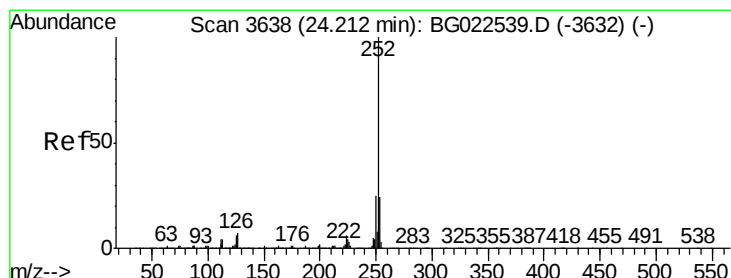
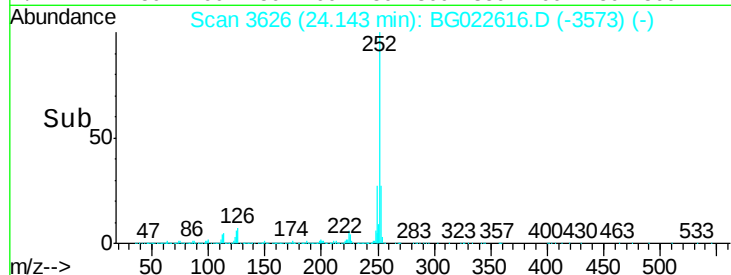
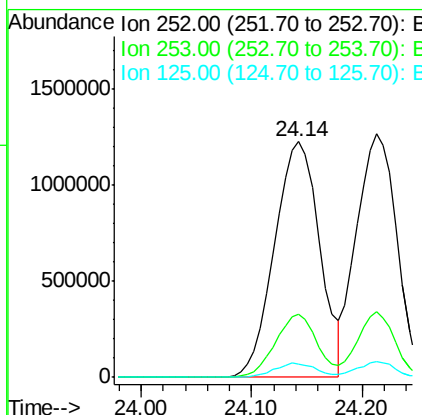
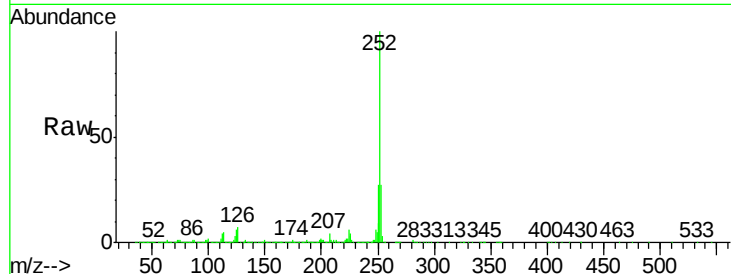




#87  
Benzo(b)fluoranthene  
Concen: 37.24 ng  
RT: 24.14 min Scan# 3626  
Delta R.T. 0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

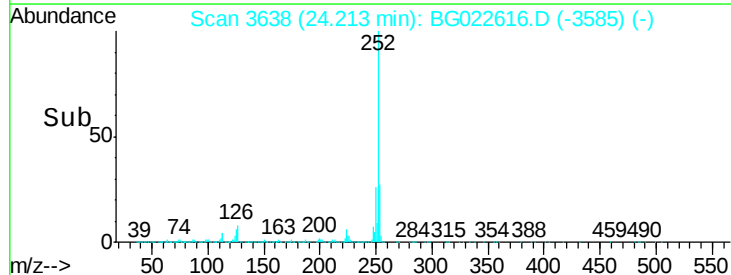
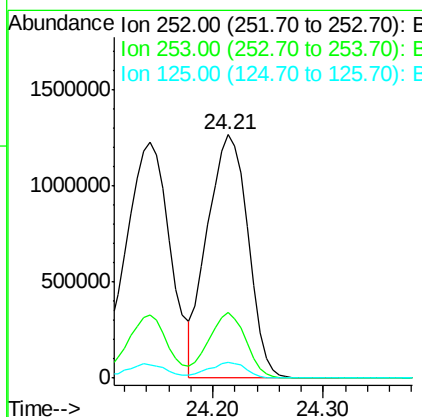
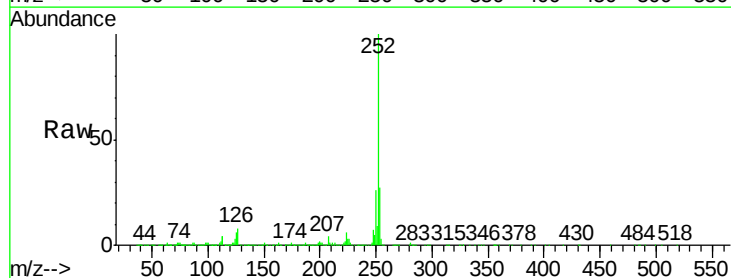
Instrument :  
BNA\_G  
ClientSampleId :

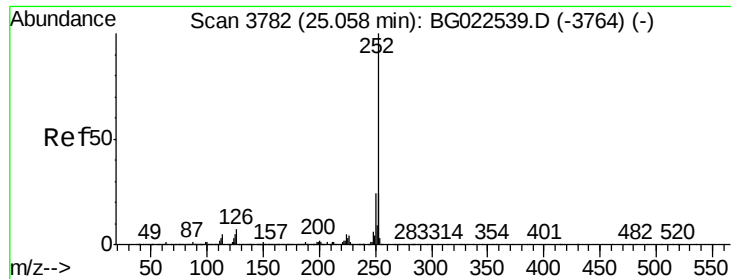
Tot Ion:252 Resp: 3468991  
Ion Ratio Lower Upper  
252 100  
253 26.7 18.9 28.3  
125 5.8 3.9 5.9



#88  
Benzo(k)fluoranthene  
Concen: 36.57 ng  
RT: 24.21 min Scan# 3638  
Delta R.T. 0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Tgt Ion:252 Resp: 3220461  
Ion Ratio Lower Upper  
252 100  
253 27.0 18.8 28.2  
125 6.3 3.2 4.8#

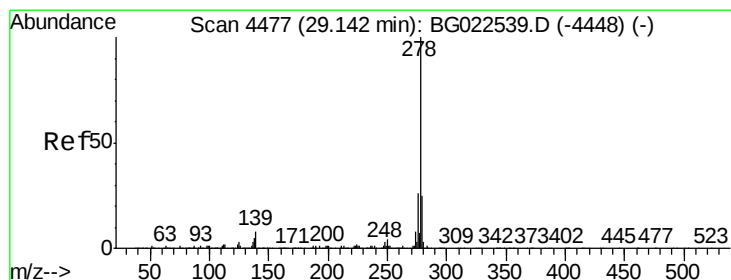
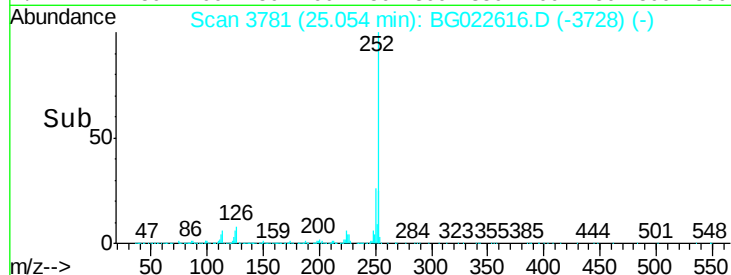
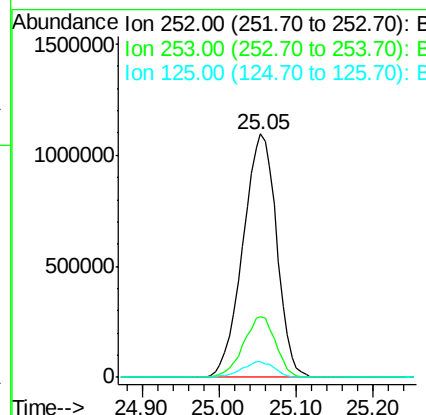
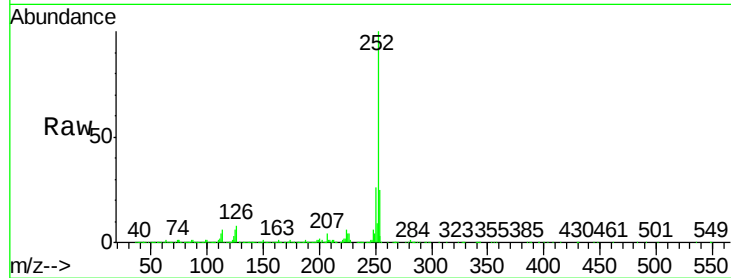




#89  
Benzo(a)pyrene  
Concen: 36.96 ng  
RT: 25.05 min Scan# 3781  
Delta R.T. 0.01 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

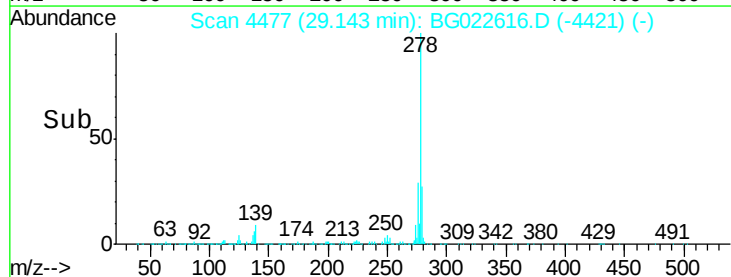
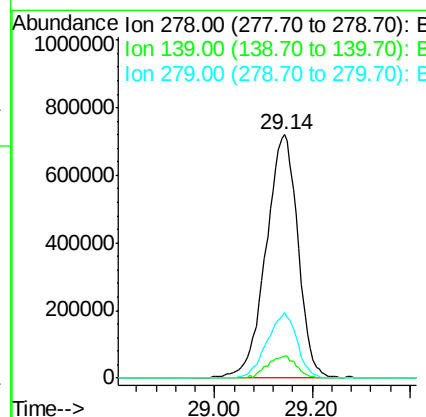
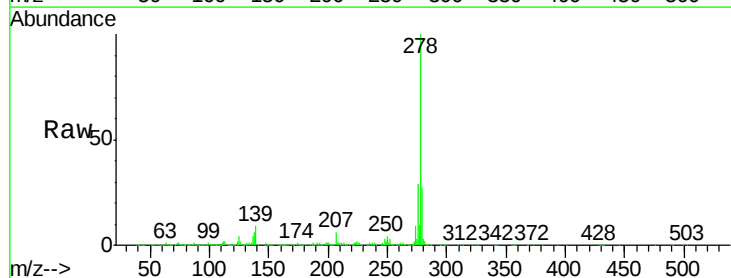
Instrument :  
BNA\_G  
ClientSampled :

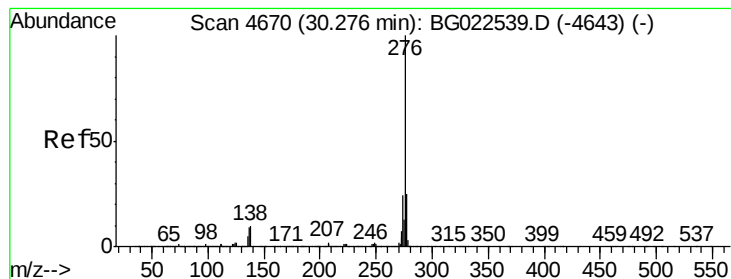
Tot Ion:252 Resp: 3356433  
Ion Ratio Lower Upper  
252 100  
253 24.9 18.7 28.1  
125 6.3 3.9 5.9#



#90  
Dibenzo(a,h)anthracene  
Concen: 38.38 ng  
RT: 29.14 min Scan# 4477  
Delta R.T. 0.03 min  
Lab File: BG022616.D  
Acq: 26 Jun 2016 19:24

Tgt Ion:278 Resp: 3281596  
Ion Ratio Lower Upper  
278 100  
139 9.1 4.7 7.1#  
279 27.2 18.3 27.5





#91

Benzo(a,h,i)perylene

Concen: 37.37 ng

RT: 30.28 min Scan# 4670

Delta R.T. 0.02 min

Lab File: BG022616.D

Acq: 26 Jun 2016 19:24

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:276 Resp: 3252629

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 26.4  | 18.6  | 27.8  |
| 138 | 10.3  | 6.8   | 10.2  |

276 100

277 26.4 18.6 27.8

138 10.3 6.8 10.2

