

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\  
 Data File : BG038234.D  
 Acq On : 29 Nov 2018 15:44  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 29 17:07:32 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 16:39:28 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 52392    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.90 | 136  | 235157   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.72 | 164  | 139808   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.47 | 188  | 312425   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.75 | 240  | 286383   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.07 | 264  | 303836   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.63  | 112 | 248674  | 81.95 | ng | 0.00 |
| 7) Phenol-d6             | 7.24  | 99  | 369808  | 85.38 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.26  | 82  | 378909  | 86.25 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.21 | 330 | 132970  | 83.39 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.34 | 172 | 797338  | 83.09 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.07 | 244 | 1010537 | 83.03 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 49749  | 34.709 | ng | 97     |
| 3) Pyridine                    | 3.92  | 79  | 148991 | 36.441 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 72377  | 48.794 | ng | # 88   |
| 6) Aniline                     | 7.41  | 93  | 232376 | 41.567 | ng | 98     |
| 8) 2-Chlorophenol              | 7.64  | 128 | 149976 | 42.595 | ng | 96     |
| 9) Benzaldehyde                | 7.22  | 77  | 116781 | 37.281 | ng | 93     |
| 10) Phenol                     | 7.26  | 94  | 194706 | 42.438 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.51  | 93  | 157950 | 42.169 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.97  | 146 | 168612 | 41.568 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.12  | 146 | 168807 | 41.198 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.44  | 146 | 160267 | 40.968 | ng | 98     |
| 15) Benzyl Alcohol             | 8.33  | 79  | 148215 | 47.289 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60  | 45  | 338928 | 48.730 | ng | 97     |
| 17) 2-Methylphenol             | 8.52  | 107 | 135161 | 43.574 | ng | 97     |
| 18) Hexachloroethane           | 9.17  | 117 | 63970  | 42.898 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.89  | 70  | 131748 | 42.036 | ng | 92     |
| 20) 3+4-Methylphenols          | 8.85  | 107 | 189573 | 43.112 | ng | 97     |
| 22) Acetophenone               | 8.92  | 105 | 237058 | 40.517 | ng | 95     |
| 24) Nitrobenzene               | 9.30  | 77  | 195009 | 43.395 | ng | 98     |
| 25) Isophorone                 | 9.82  | 82  | 330155 | 41.755 | ng | 99     |
| 26) 2-Nitrophenol              | 10.01 | 139 | 96053  | 42.815 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 10.06 | 122 | 142479 | 42.152 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93  | 207171 | 40.975 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.54 | 162 | 161798 | 42.556 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.76 | 180 | 175760 | 41.253 | ng | 97     |
| 31) Naphthalene                | 10.95 | 128 | 469295 | 40.575 | ng | 99     |
| 32) Benzoic acid               | 10.21 | 122 | 79501  | 39.475 | ng | 94     |
| 33) 4-Chloroaniline            | 11.07 | 127 | 221324 | 41.137 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 109659 | 41.821 | ng | 100    |
| 35) Caprolactam                | 11.87 | 113 | 61026  | 40.101 | ng | # 82   |
| 36) 4-Chloro-3-methylphenol    | 12.17 | 107 | 175961 | 42.362 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.55 | 142 | 335054 | 40.329 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.77 | 142 | 322228 | 40.293 | ng | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.91 | 216 | 202233 | 43.288 | ng | 100    |

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 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
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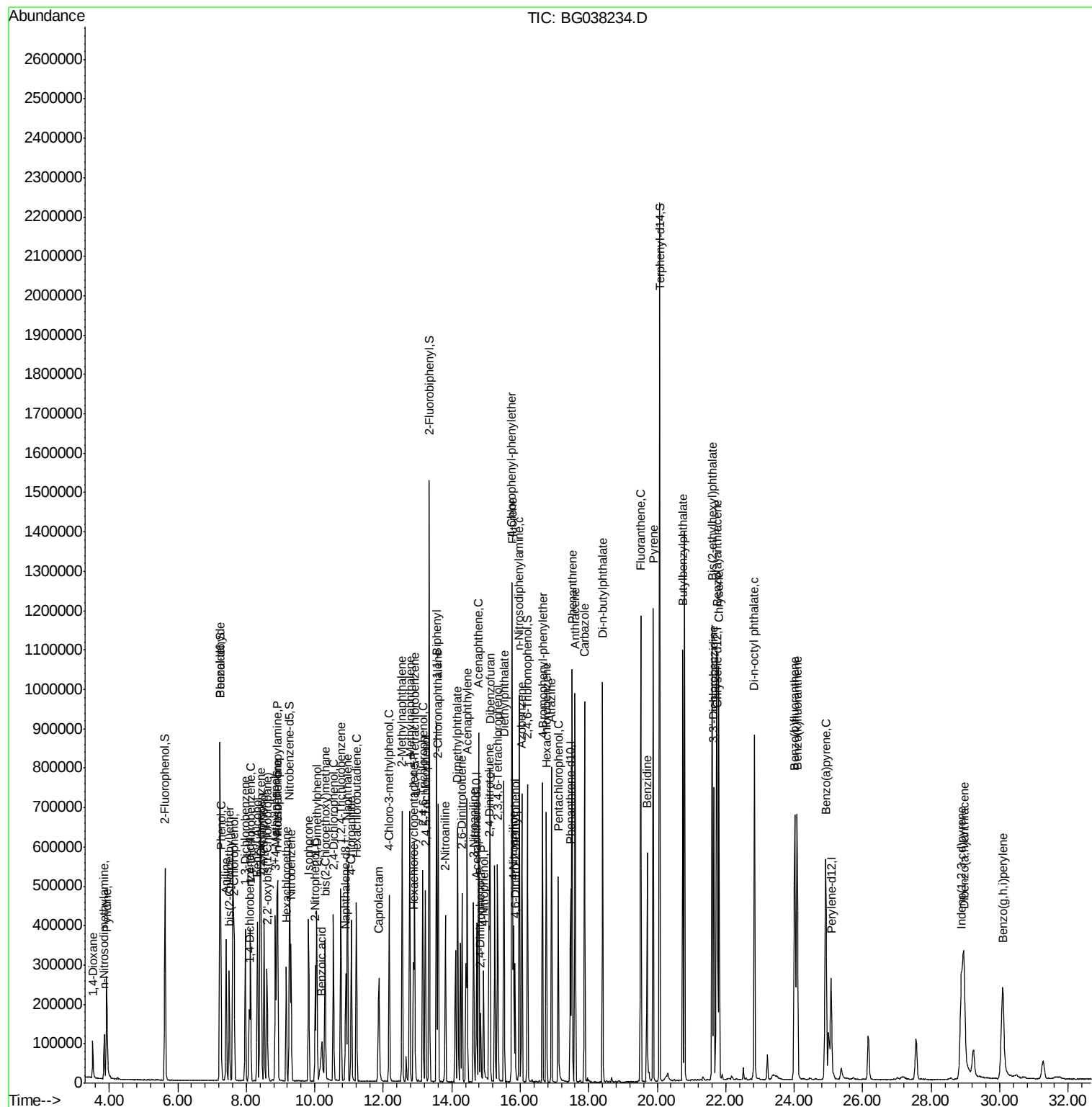
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 95751    | 38.276 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.15 | 196  | 136707   | 42.942 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 13.23 | 196  | 141160   | 42.142 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.56 | 154  | 493655   | 42.030 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.60 | 162  | 370495   | 41.337 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.82 | 65   | 130699   | 46.333 | ng    | 98       |
| 49) Acenaphthylene             | 14.44 | 152  | 560620   | 41.595 | ng    | 99       |
| 50) Dimethylphthalate          | 14.17 | 163  | 454880   | 41.041 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.30 | 165  | 105960   | 42.240 | ng    | 96       |
| 52) Acenaphthene               | 14.79 | 154  | 336890   | 41.519 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.64 | 138  | 114587   | 41.396 | ng    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.84 | 184  | 45243    | 38.824 | ng    | 88       |
| 55) Dibenzofuran               | 15.11 | 168  | 548095   | 40.851 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.93 | 139  | 76243    | 35.713 | ng    | 88       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 146198   | 42.835 | ng    | 94       |
| 58) Fluorene                   | 15.77 | 166  | 406730   | 40.630 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.34 | 232  | 118115   | 42.141 | ng    | 98       |
| 60) Diethylphthalate           | 15.53 | 149  | 484439   | 41.150 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.75 | 204  | 240682   | 41.089 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.80 | 138  | 111735   | 40.634 | ng    | 93       |
| 63) Azobenzene                 | 16.04 | 77   | 445415   | 42.316 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198  | 71795    | 36.332 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.97 | 169  | 396408   | 41.940 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.65 | 248  | 147373   | 42.977 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 150889   | 42.629 | ng    | 98       |
| 69) Atrazine                   | 16.91 | 200  | 145642   | 41.800 | ng    | 99       |
| 70) Pentachlorophenol          | 17.11 | 266  | 108195   | 45.007 | ng    | 97       |
| 71) Phenanthrene               | 17.51 | 178  | 655998   | 41.011 | ng    | 99       |
| 72) Anthracene                 | 17.60 | 178  | 651330   | 41.308 | ng    | 99       |
| 73) Carbazole                  | 17.88 | 167  | 648881   | 41.018 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.40 | 149  | 764798   | 43.068 | ng    | 98       |
| 75) Fluoranthene               | 19.52 | 202  | 757728   | 41.519 | ng    | 99       |
| 77) Benzidine                  | 19.70 | 184  | 379974   | 37.812 | ng    | 99       |
| 78) Pyrene                     | 19.88 | 202  | 768245   | 41.030 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 351511   | 42.929 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.73 | 228  | 711581   | 41.117 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 281098   | 41.697 | ng    | 99       |
| 83) Chrysene                   | 21.80 | 228  | 681566   | 41.161 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.60 | 149  | 495948   | 42.471 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.84 | 149  | 823397   | 43.586 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.88 | 276  | 682024   | 37.086 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 698588   | 41.781 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 687724   | 41.684 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.92 | 252  | 679866   | 42.547 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.96 | 278  | 555661   | 36.141 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.09 | 276  | 567360   | 37.113 | ng    | 99       |

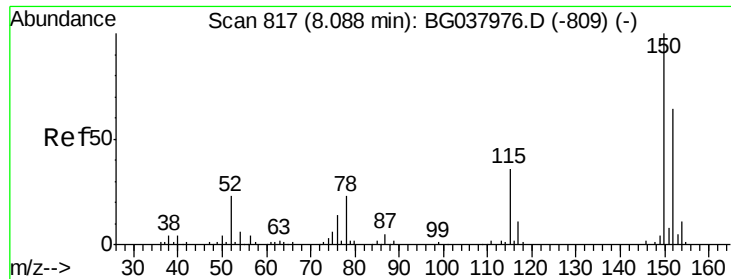
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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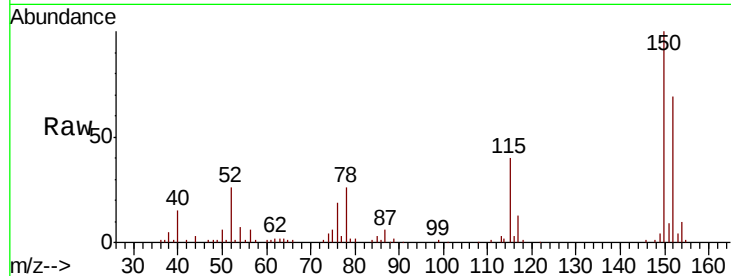


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.08 min Scan# 816  
 Delta R.T. -0.01 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 145.3 | 126.0 | 189.0 |
| 115     | 58.3  | 45.5  | 68.3  |

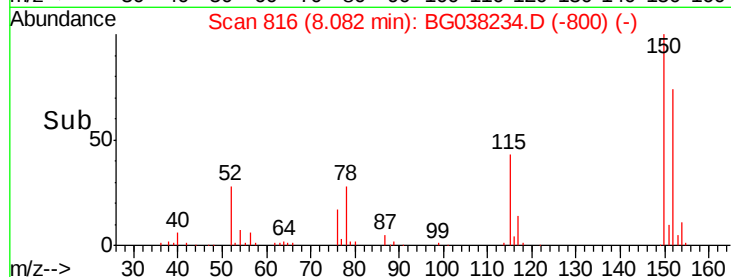
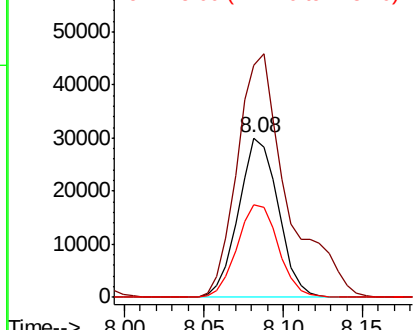


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

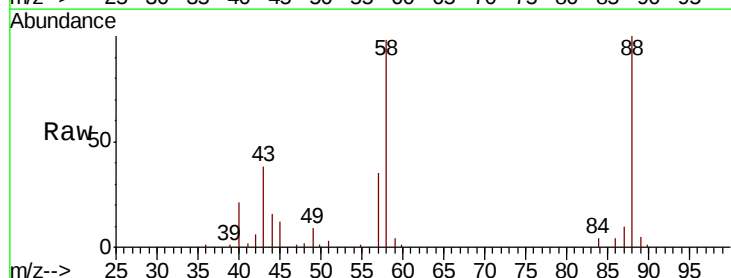
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
 Concen: 34.709 ng  
 RT: 3.52 min Scan# 39  
 Delta R.T. -0.01 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 95.3  | 74.4  | 111.6 |
| 43      | 36.0  | 25.8  | 38.8  |

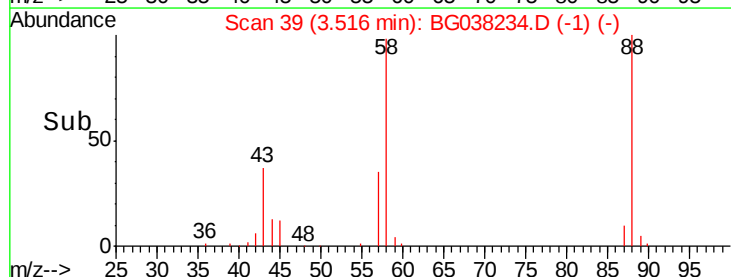
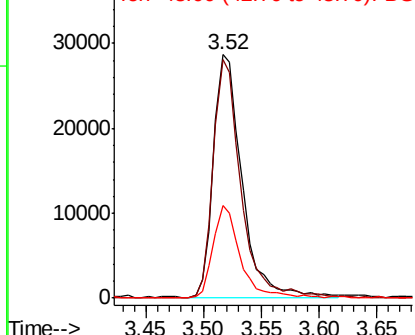


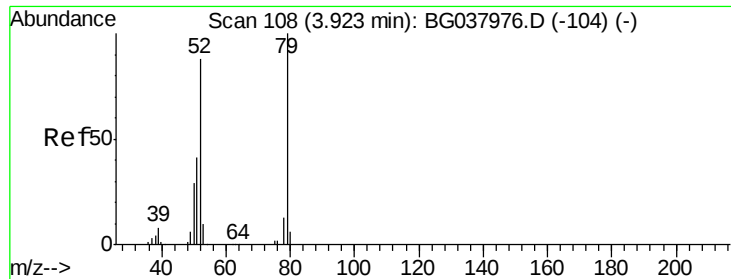
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.441 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

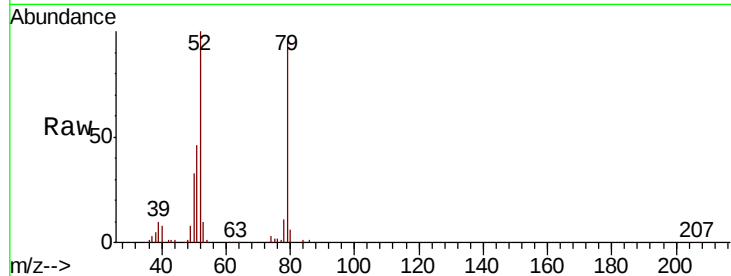
Tot Ion: 79 Resp: 148991

Ion Ratio Lower Upper

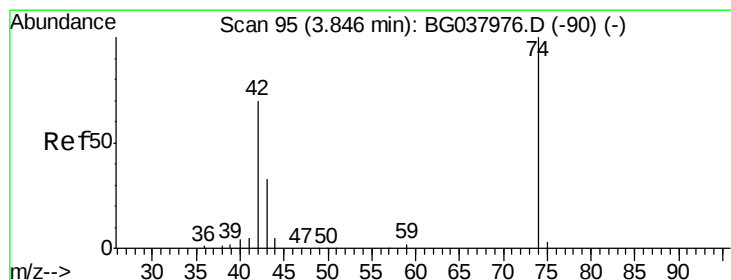
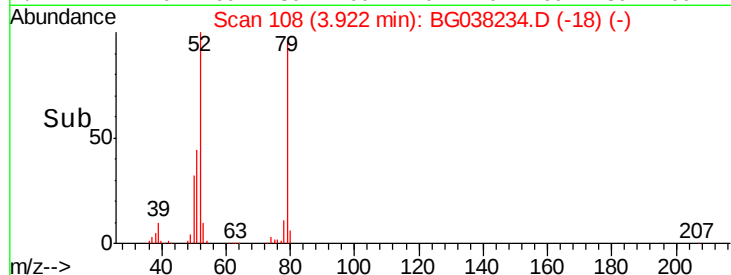
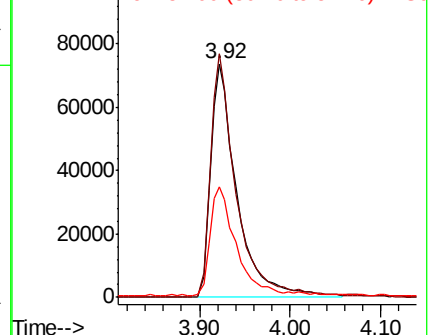
79 100

52 104.1 74.2 111.2

51 47.4 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 48.794 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

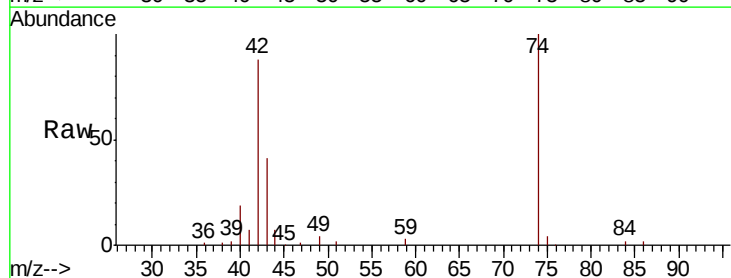
Tgt Ion: 42 Resp: 72377

Ion Ratio Lower Upper

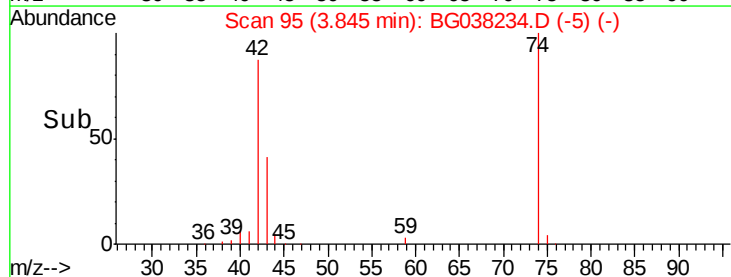
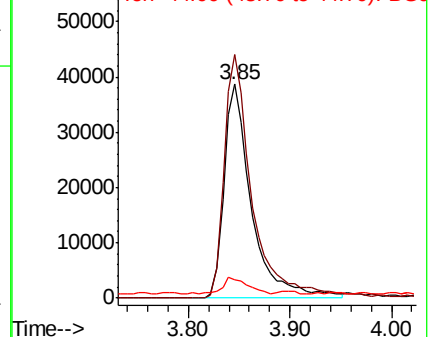
42 100

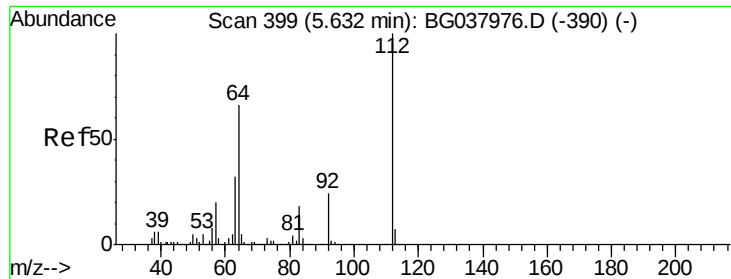
74 113.8 102.0 153.0

44 8.5 9.6 14.4#



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: 81.950 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

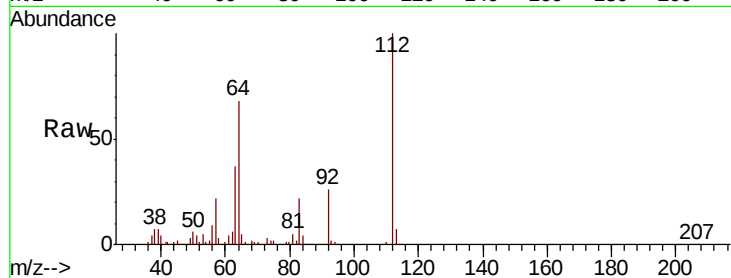
Tot Ion:112 Resp: 248674

Ion Ratio Lower Upper

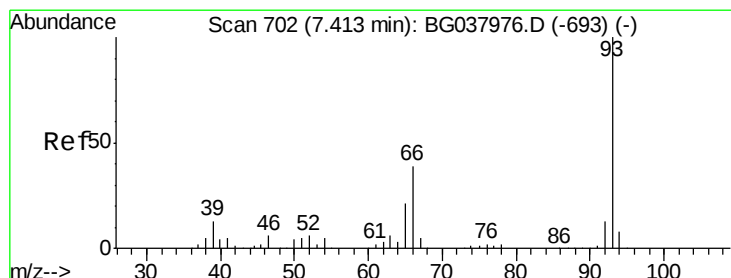
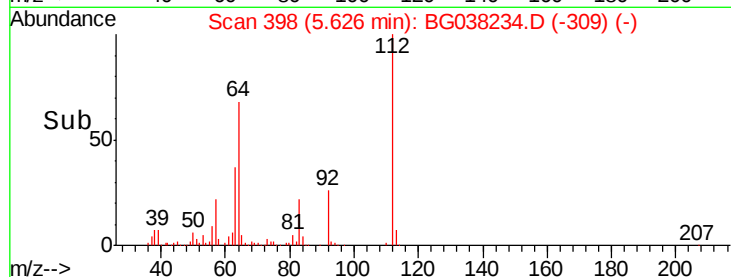
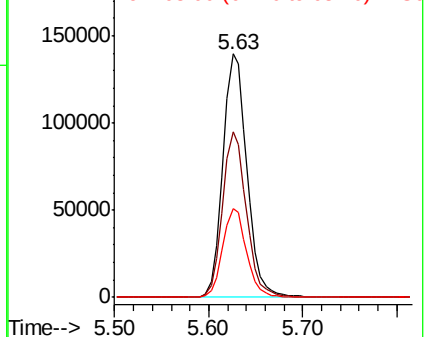
112 100

64 68.2 53.1 79.7

63 36.7 27.3 40.9



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



#6

Aniline

Concen: 41.567 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

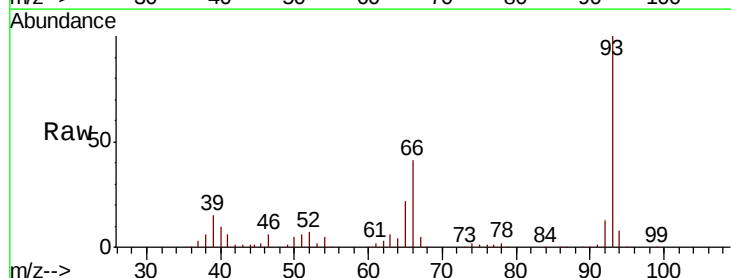
Tgt Ion: 93 Resp: 232376

Ion Ratio Lower Upper

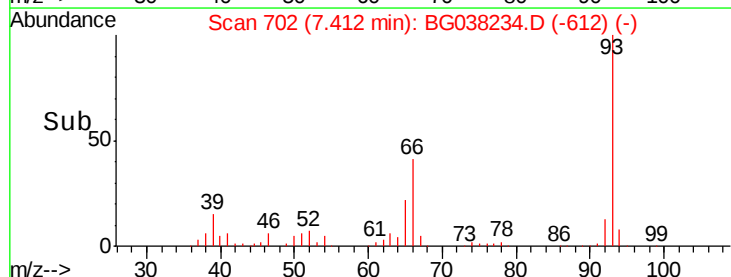
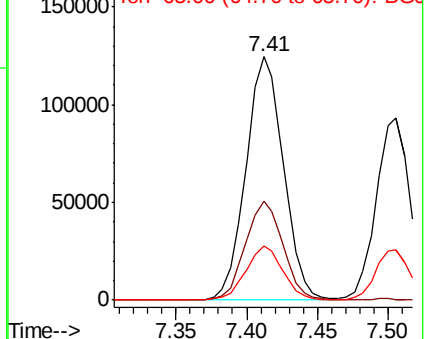
93 100

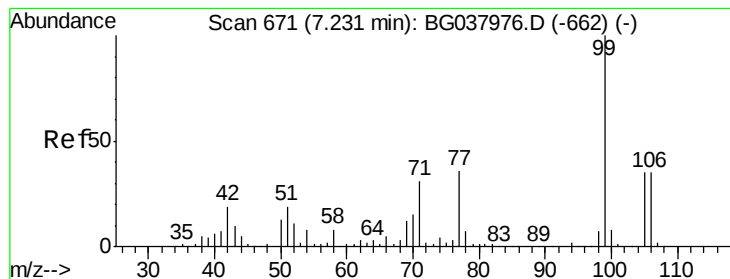
66 40.5 32.8 49.2

65 22.5 16.4 24.6



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





#7

Phenol-d6

Concen: 85.376 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampled :

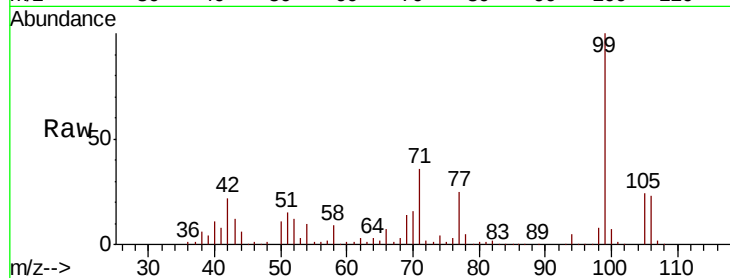
Tot Ion: 99 Resp: 369808

Ion Ratio Lower Upper

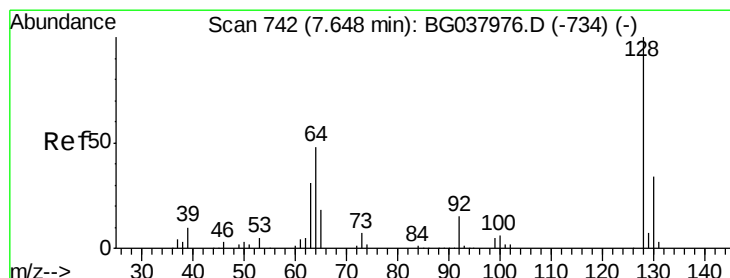
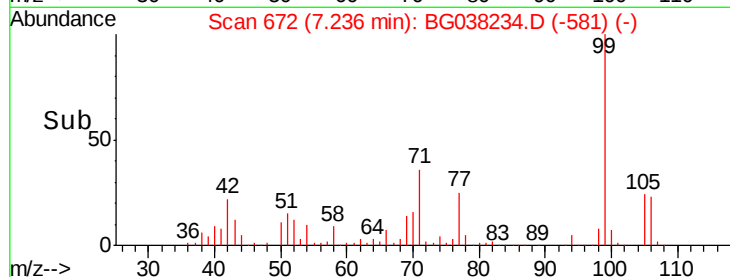
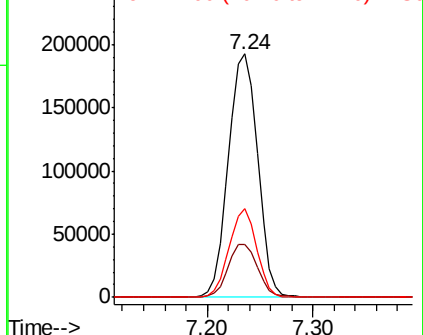
99 100

42 22.0 15.0 22.4

71 36.2 25.5 38.3



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: 42.595 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

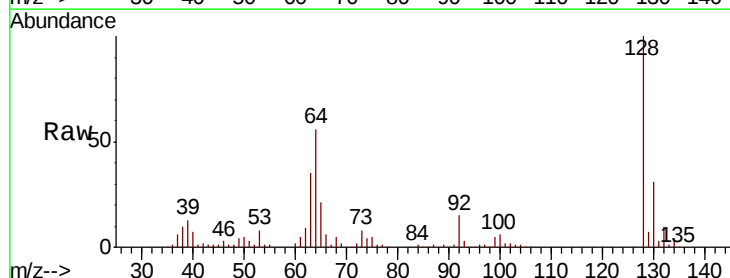
Tgt Ion: 128 Resp: 149976

Ion Ratio Lower Upper

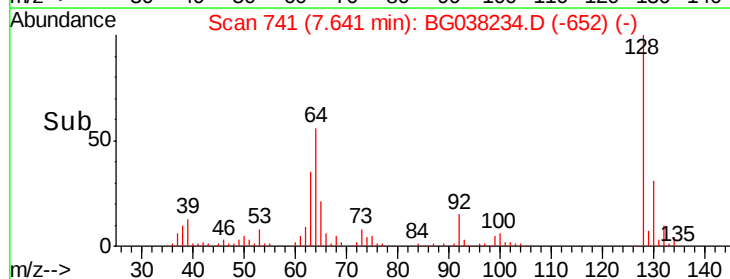
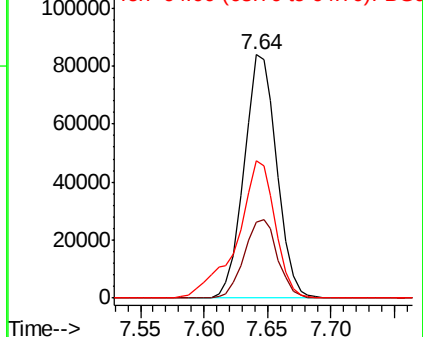
128 100

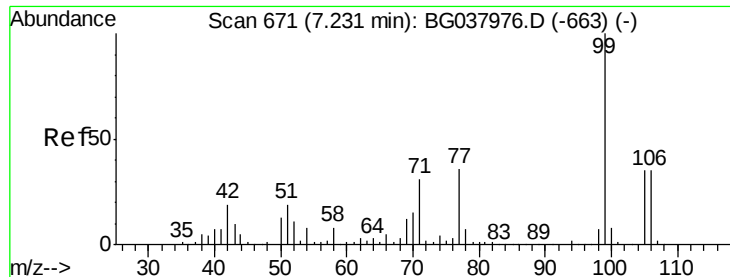
130 31.0 12.0 52.0

64 56.4 32.9 72.9



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: 37.281 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampled :

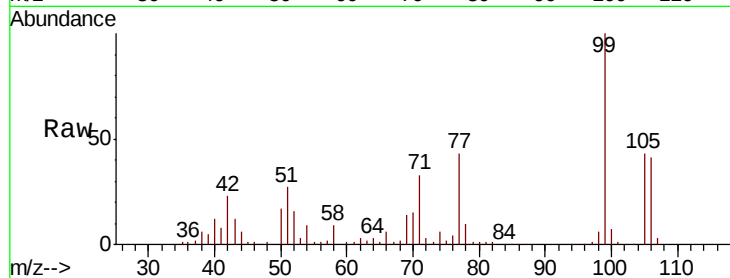
Tot Ion: 77 Resp: 116781

Ion Ratio Lower Upper

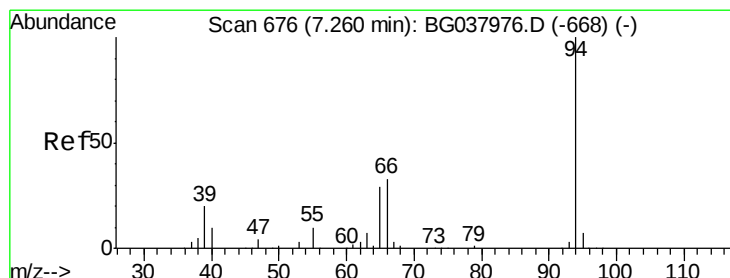
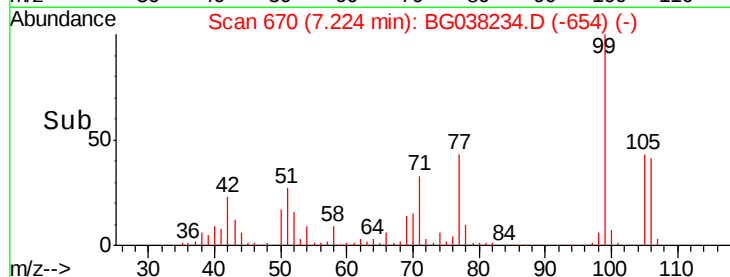
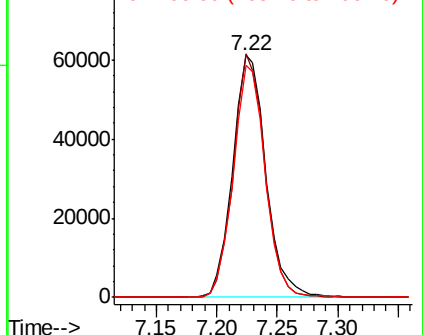
77 100

105 100.7 72.6 112.6

106 95.9 71.3 111.3



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: 42.438 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

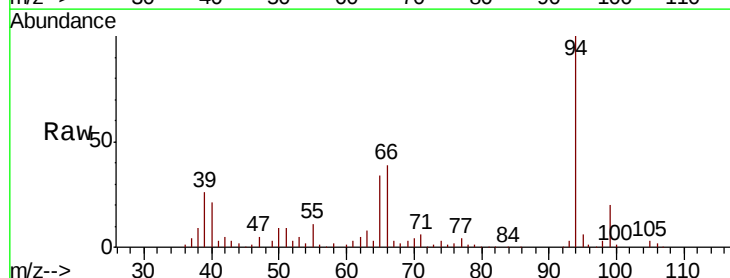
Tgt Ion: 94 Resp: 194706

Ion Ratio Lower Upper

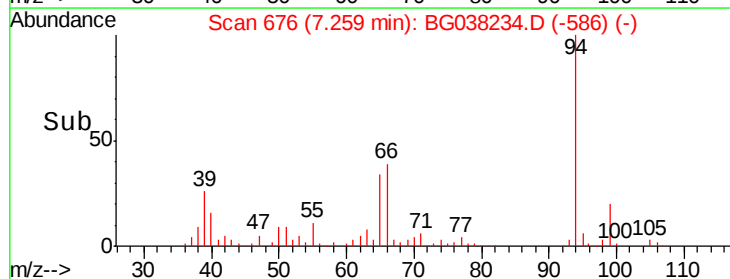
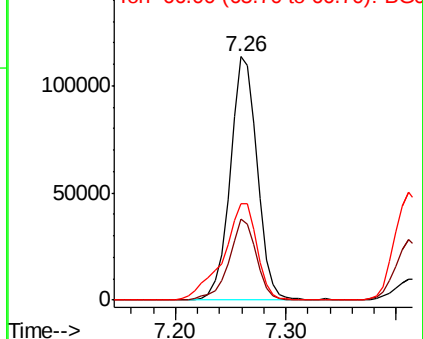
94 100

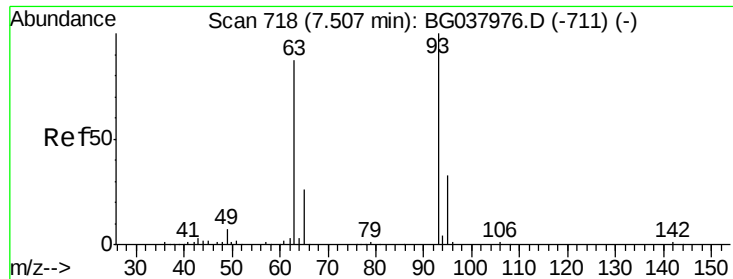
65 33.5 9.7 49.7

66 39.5 15.9 55.9



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: 42.169 ng

RT: 7.51 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

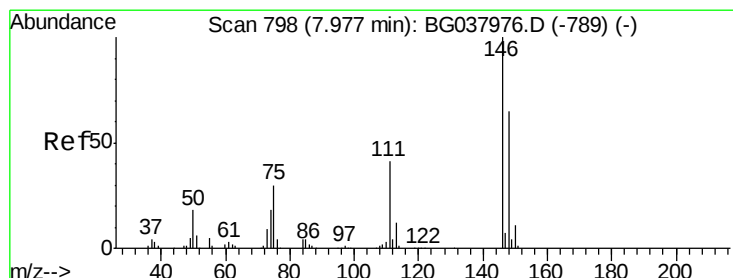
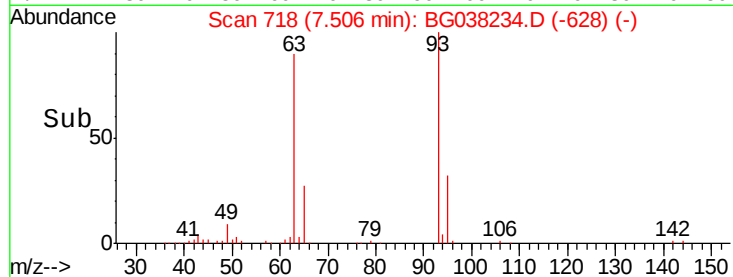
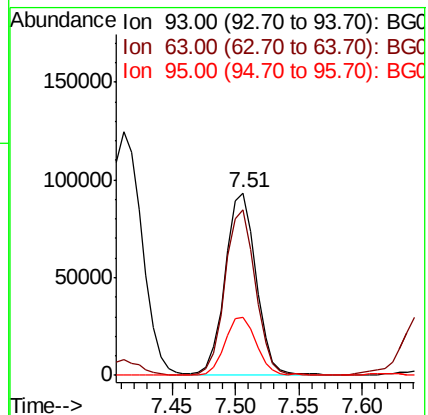
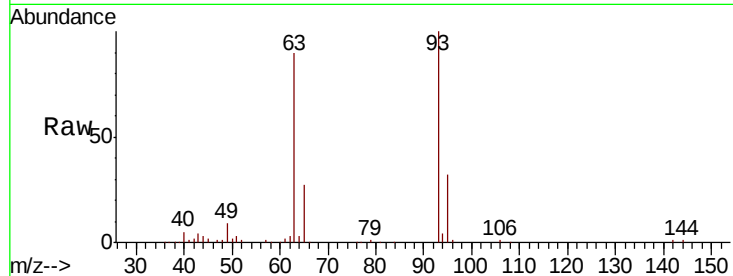
Tot Ion: 93 Resp: 157950

Ion Ratio Lower Upper

93 100

63 90.4 69.5 109.5

95 32.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 41.568 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

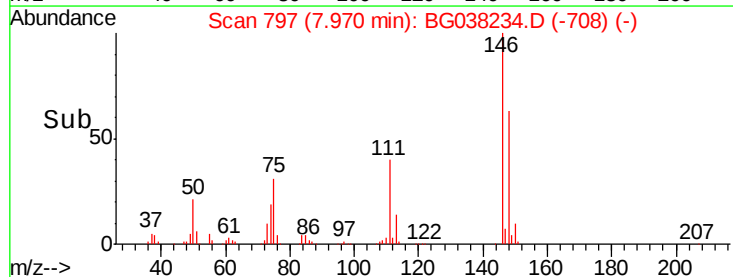
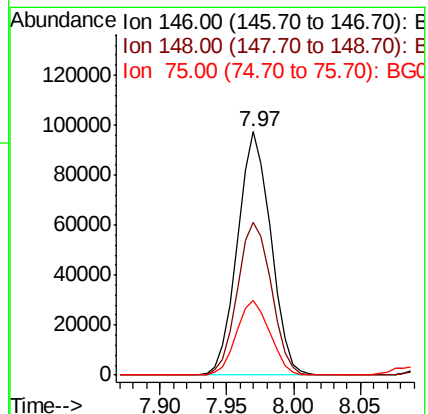
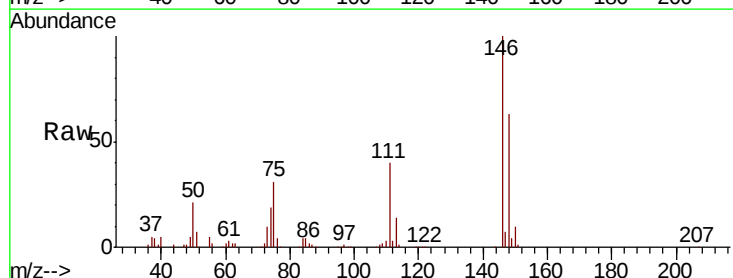
Tgt Ion: 146 Resp: 168612

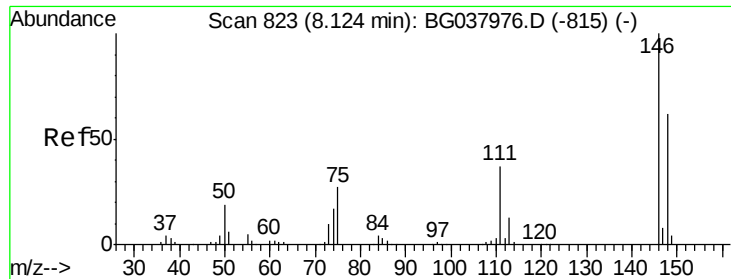
Ion Ratio Lower Upper

146 100

148 62.9 49.8 74.8

75 30.9 23.2 34.8

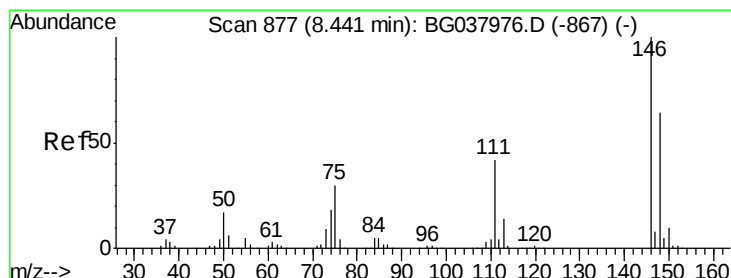
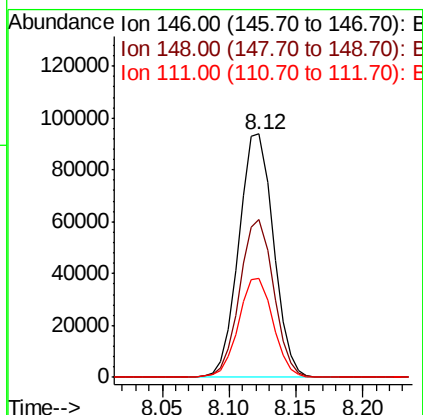
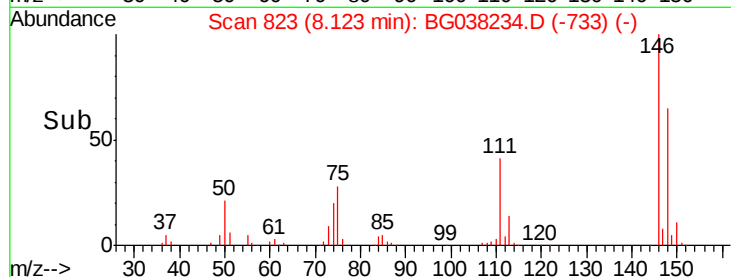
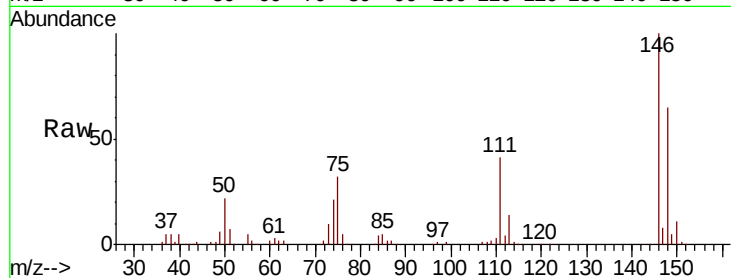




#13  
 1,4-Dichlorobenzene  
 Concen: 41.198 ng  
 RT: 8.12 min Scan# 823  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

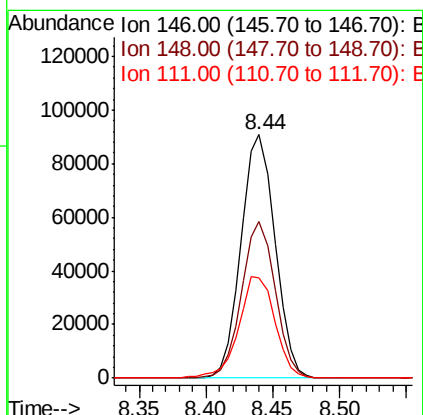
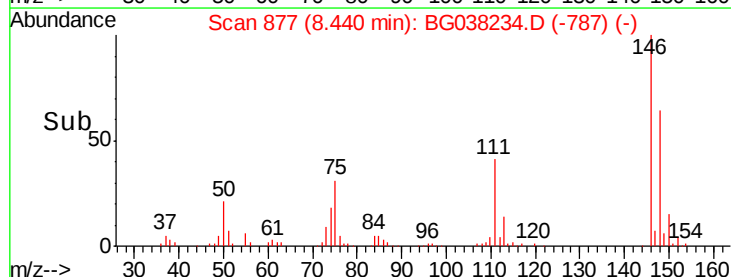
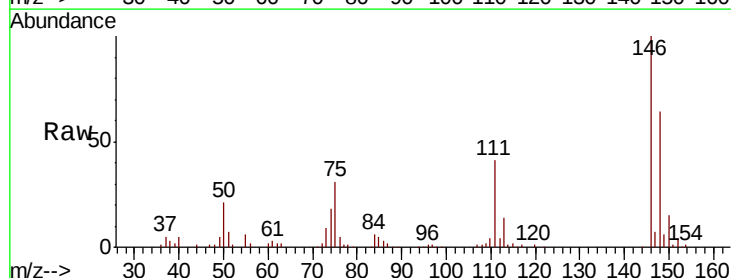
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:146 Resp: 168807  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 51.0 76.6  
 111 40.8 32.4 48.6



#14  
 1,2-Dichlorobenzene  
 Concen: 40.968 ng  
 RT: 8.44 min Scan# 877  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

Tgt Ion:146 Resp: 160267  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 50.4 75.6  
 111 41.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 47.289 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :  
BNA\_F  
ClientSampled :

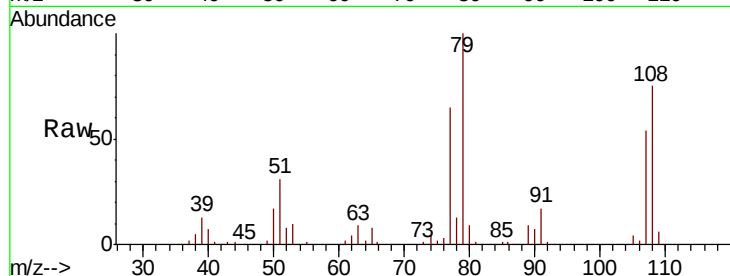
Tot Ion: 79 Resp: 148215

Ion Ratio Lower Upper

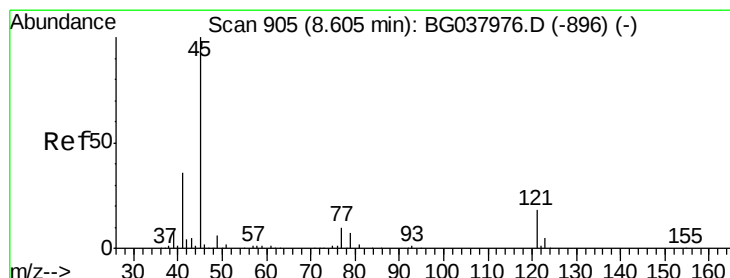
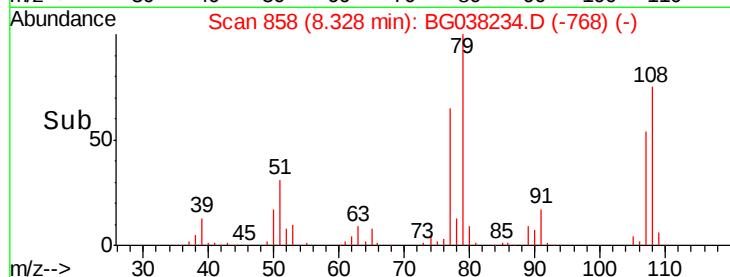
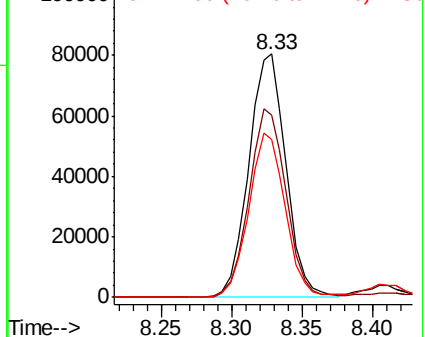
79 100

108 74.8 65.8 98.8

77 64.9 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.730 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

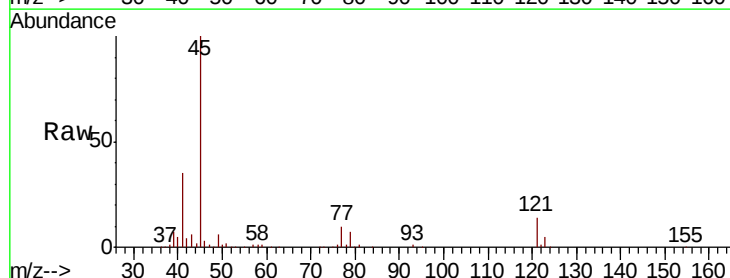
Tgt Ion: 45 Resp: 338928

Ion Ratio Lower Upper

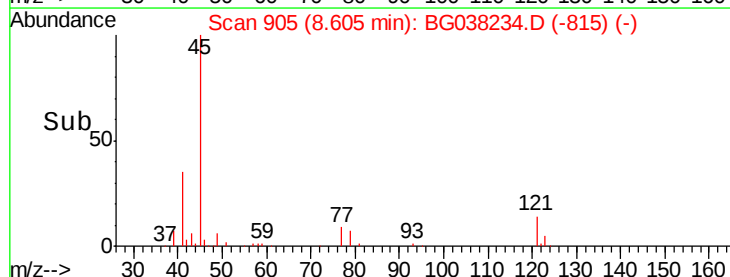
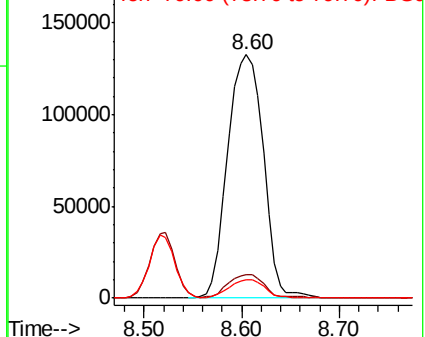
45 100

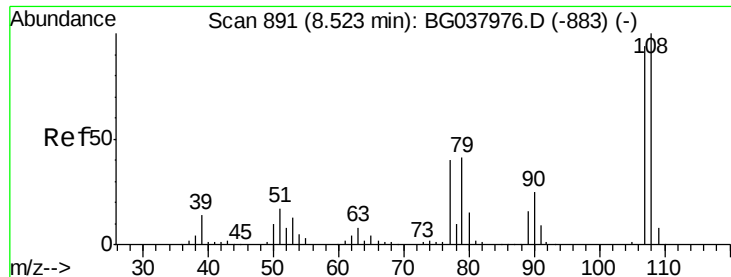
77 9.5 0.0 30.0

79 7.4 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

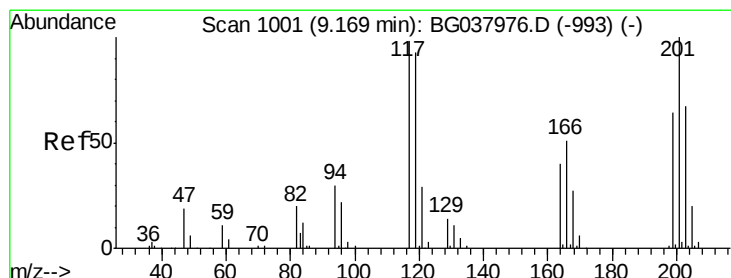
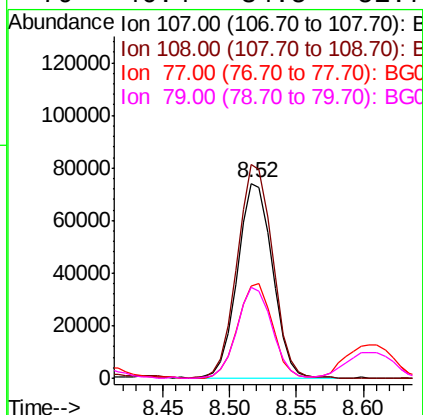
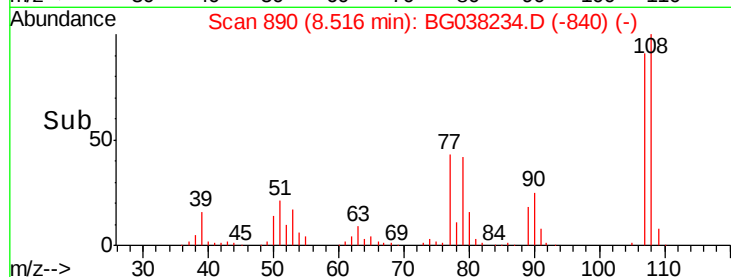
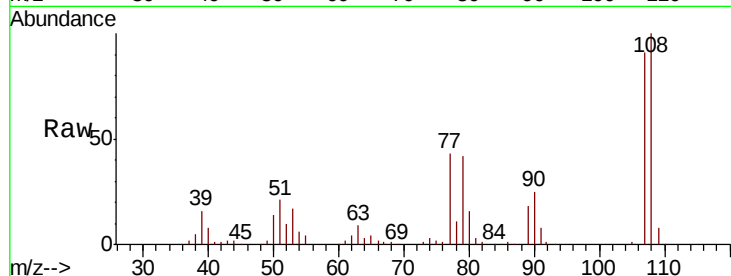




#17  
2-Methylphenol  
Concen: 43.574 ng  
RT: 8.52 min Scan# 890  
Delta R.T. -0.01 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

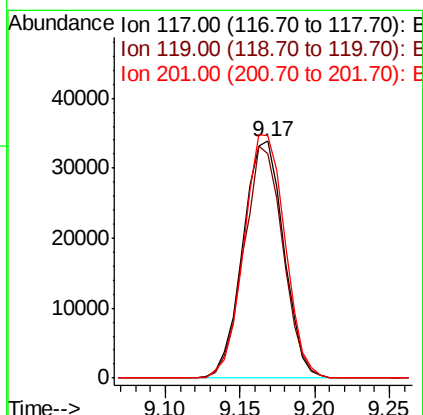
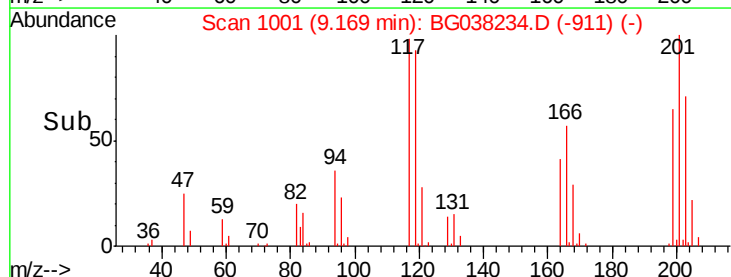
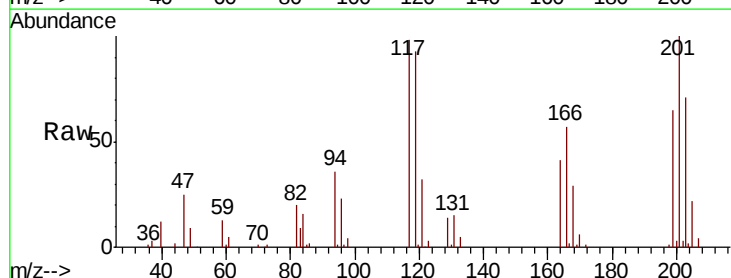
Instrument :  
BNA\_F  
ClientSampleId :

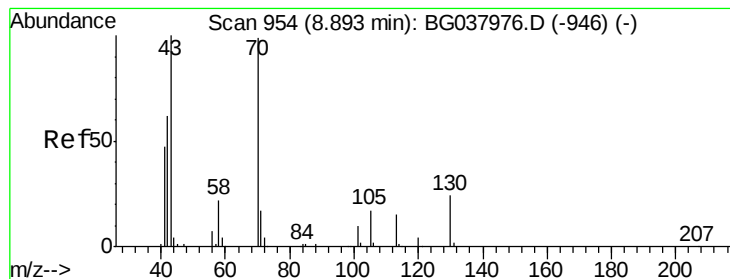
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 135161 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.4 | 87.9  | 131.9  |
| 77       | 47.2  | 35.1  | 52.7   |
| 79       | 46.4  | 34.5  | 51.7   |



#18  
Hexachloroethane  
Concen: 42.898 ng  
RT: 9.17 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 63970 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.7  | 74.6  | 111.8 |
| 201      | 102.1 | 80.8  | 121.2 |





#19

n-Nitroso-di-n-propylamine

Concen: 42.036 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 70 Resp: 131748

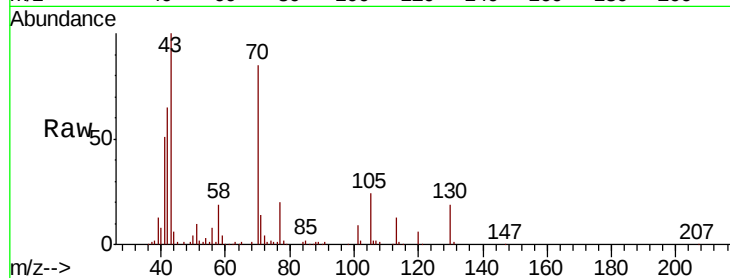
Ion Ratio Lower Upper

70 100

42 76.3 53.9 80.9

101 10.4 8.2 12.2

130 22.0 18.2 27.4

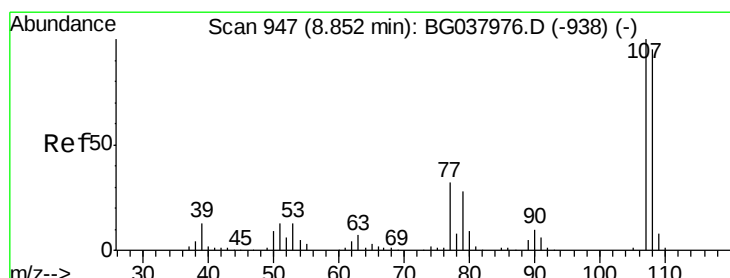
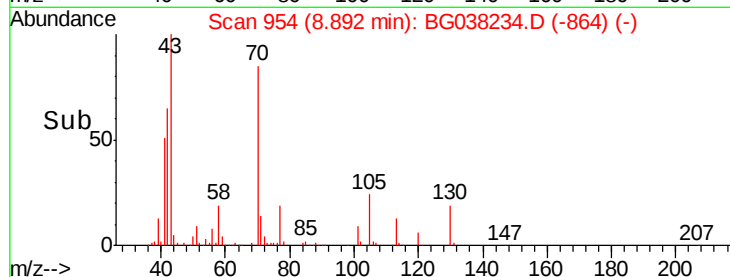
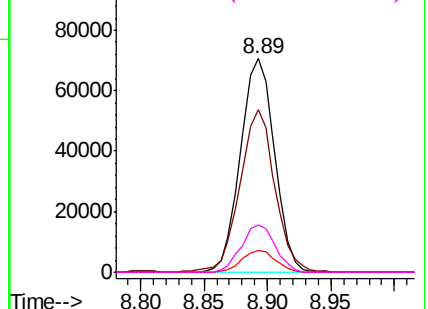


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.112 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Tgt Ion: 107 Resp: 189573

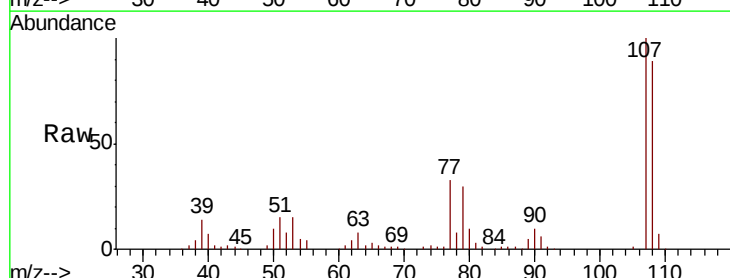
Ion Ratio Lower Upper

107 100

108 88.8 69.9 109.9

77 33.4 11.2 51.2

79 30.2 6.6 46.6

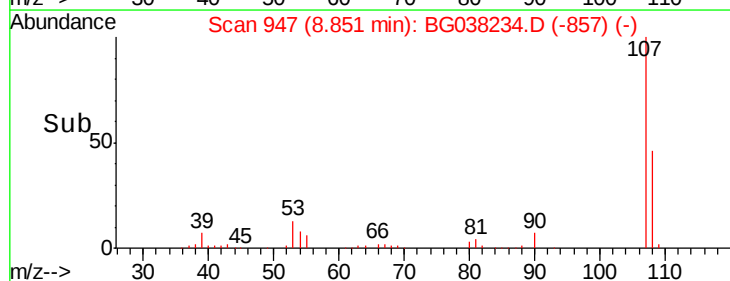
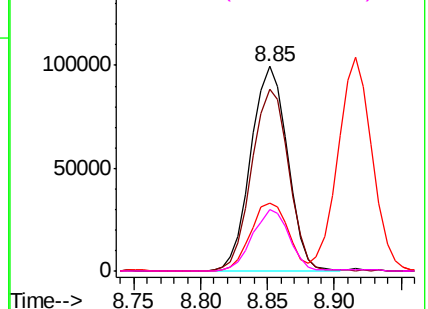


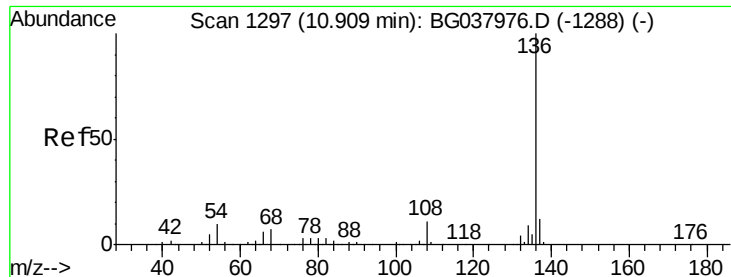
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038234.D

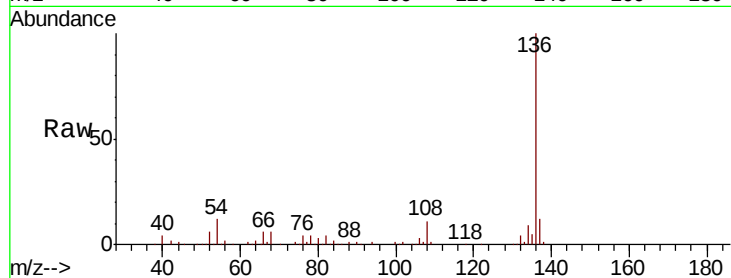
Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 235157   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.5  | 9.6 14.4 |
| 54          | 11.5  | 7.9 11.9 |
| 68          | 6.1   | 4.8 7.2  |



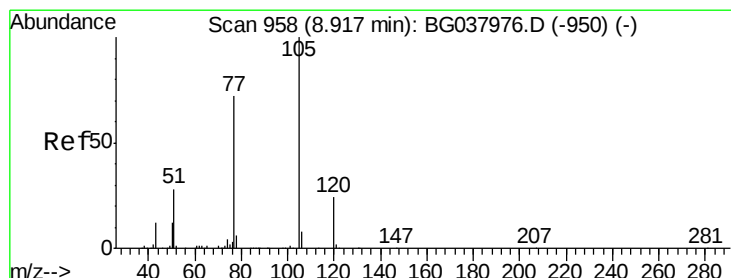
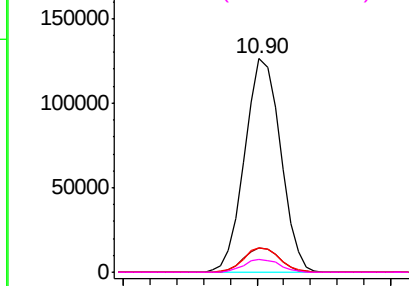
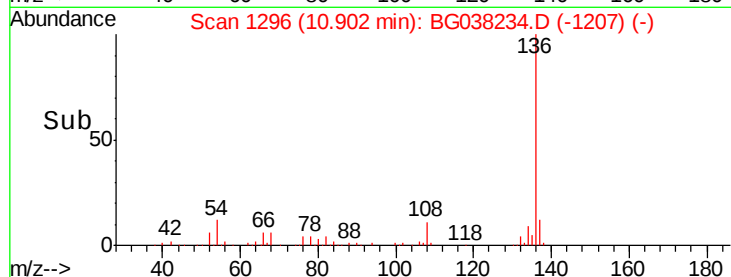
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.517 ng

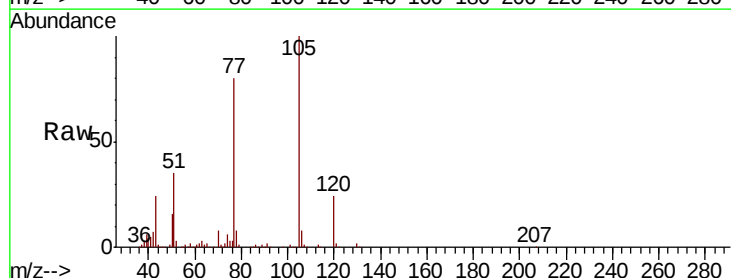
RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 237058    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 1.3   | 1.2 1.8   |
| 51          | 35.2  | 25.0 37.6 |
| 120         | 24.2  | 18.6 28.0 |



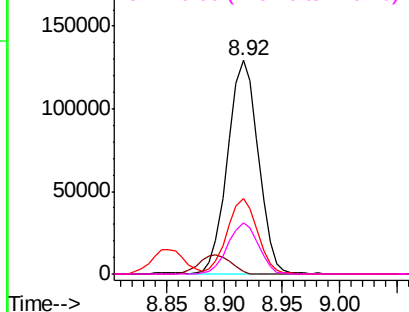
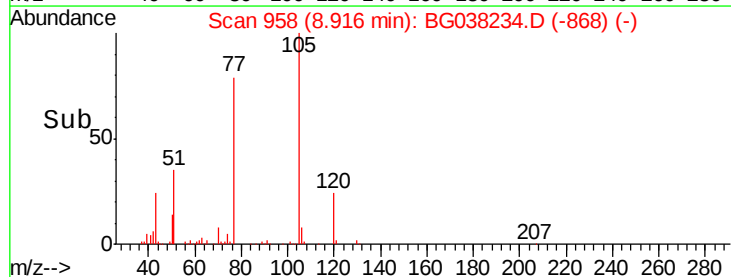
Abundance

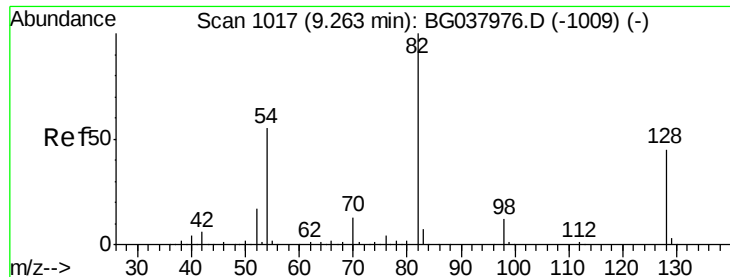
Ion 105.00 (104.70 to 105.70): E

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

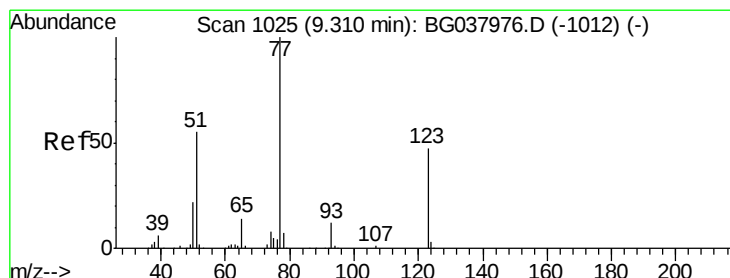
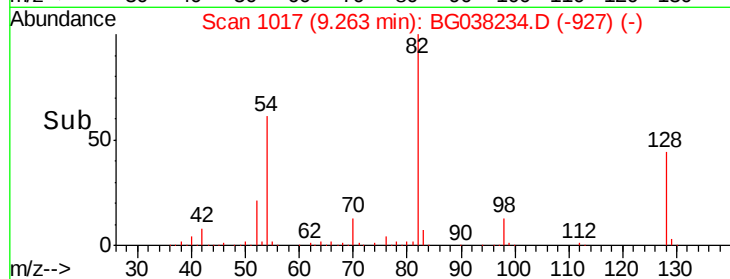
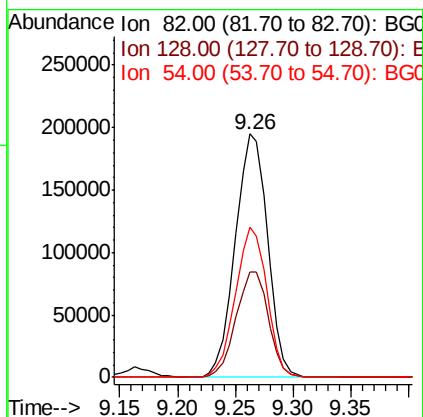
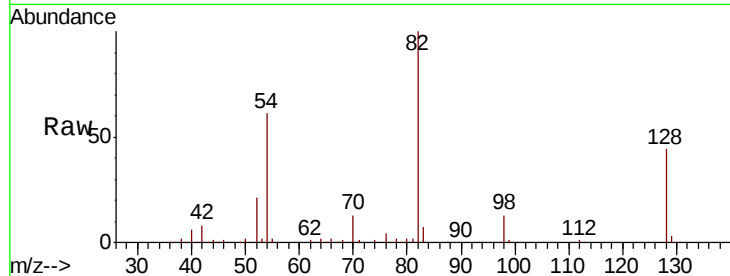




#23  
 Nitrobenzene-d5  
 Concen: 86.254 ng  
 RT: 9.26 min Scan# 1017  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

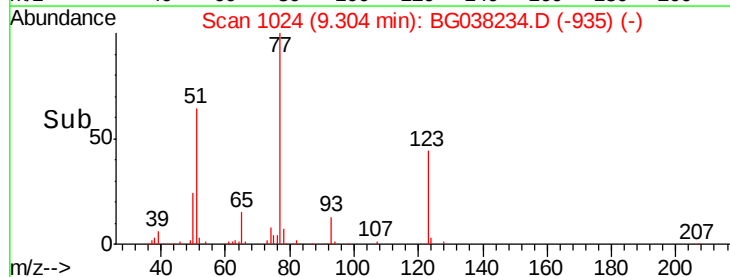
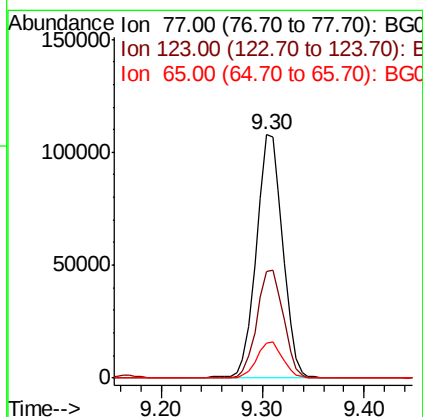
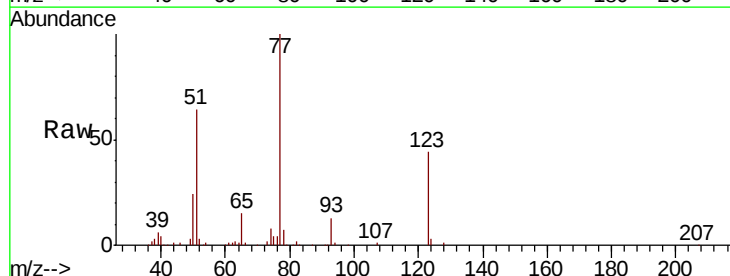
Instrument :  
 BNA\_F  
 ClientSampleId :

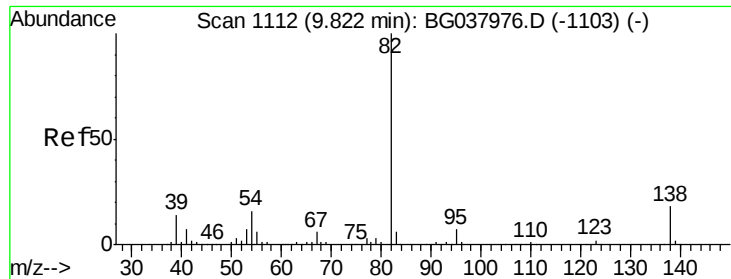
| Tot Ion   | 82   | Resp  | 378909 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 43.5 | 34.6  | 51.8   |
| 54        | 61.5 | 45.3  | 67.9   |



#24  
 Nitrobenzene  
 Concen: 43.395 ng  
 RT: 9.30 min Scan# 1024  
 Delta R.T. -0.01 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

| Tgt Ion   | 77   | Resp  | 195009 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 43.7 | 33.6  | 50.4   |
| 65        | 14.6 | 11.3  | 16.9   |





#25

Isophorone

Concen: 41.755 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

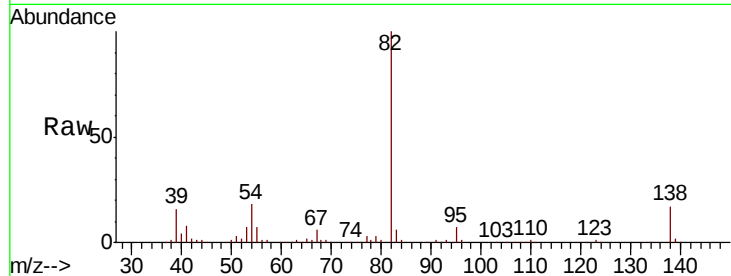
Tot Ion: 82 Resp: 330155

Ion Ratio Lower Upper

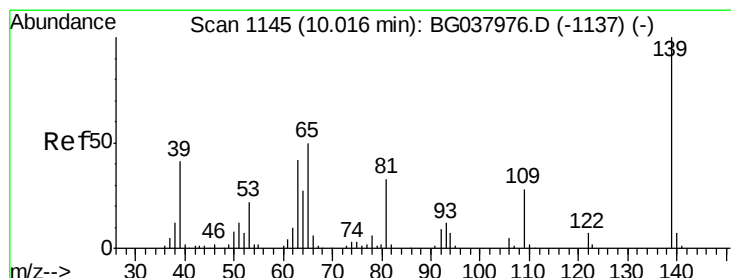
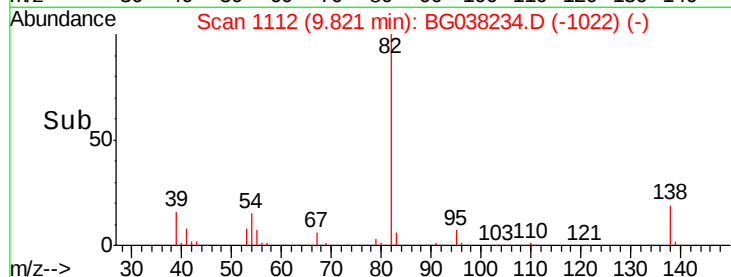
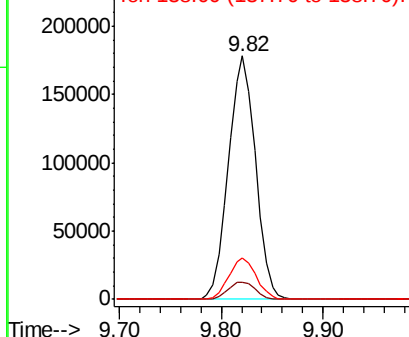
82 100

95 6.8 5.3 7.9

138 17.1 13.3 19.9



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



#26

2-Nitrophenol

Concen: 42.815 ng

RT: 10.01 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

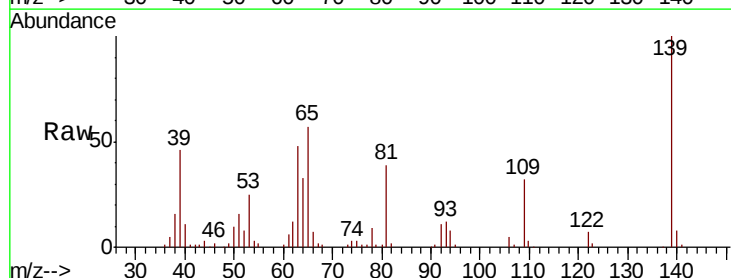
Tgt Ion: 139 Resp: 96053

Ion Ratio Lower Upper

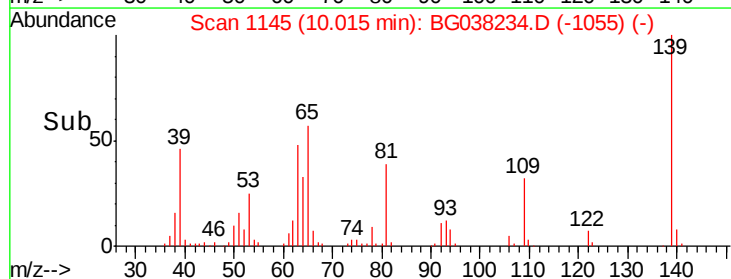
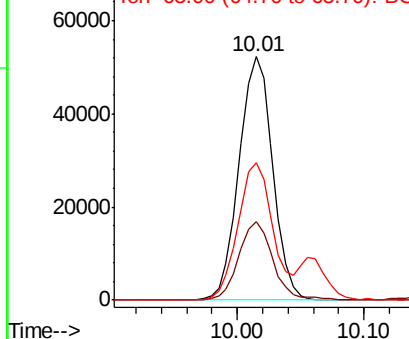
139 100

109 32.0 23.3 34.9

65 56.5 39.8 59.8



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

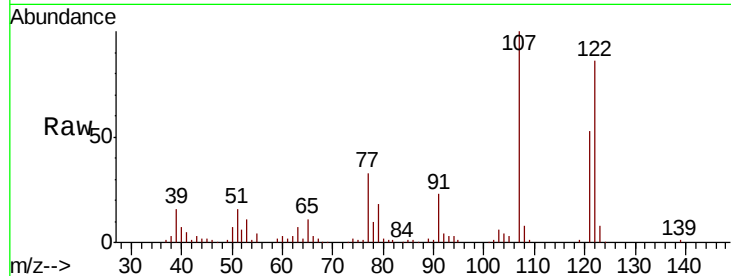




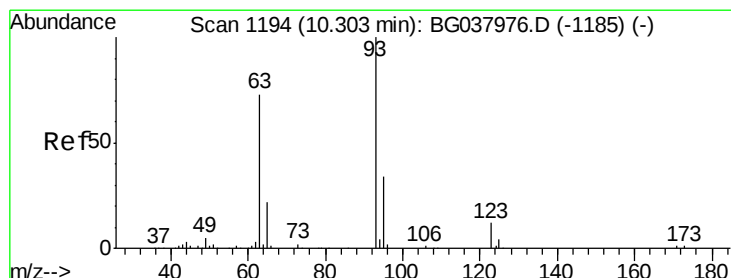
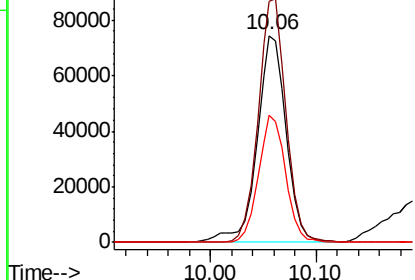
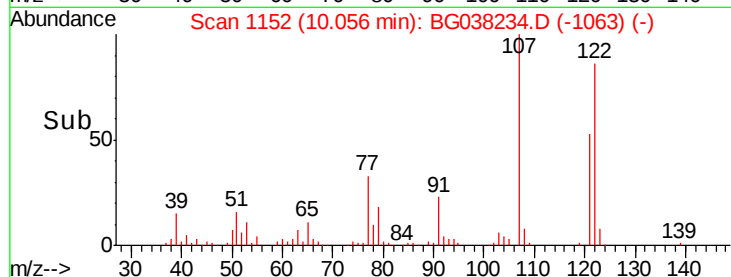
#27  
2,4-Dimethylphenol  
Concen: 42.152 ng  
RT: 10.06 min Scan# 1152  
Delta R.T. -0.01 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:122 Resp: 142479  
Ion Ratio Lower Upper  
122 100  
107 116.8 94.2 141.2  
121 61.5 47.3 70.9

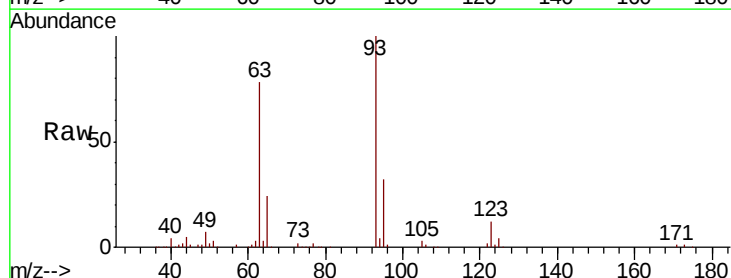


Abundance Ion 122.00 (121.70 to 122.70): E  
120000  
Ion 107.00 (106.70 to 107.70): E  
100000  
Ion 121.00 (120.70 to 121.70): E

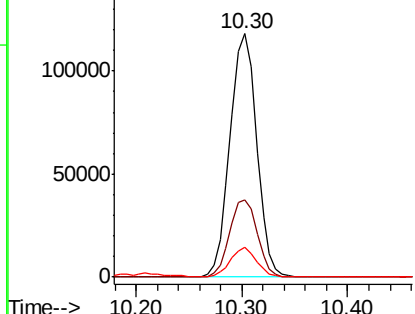
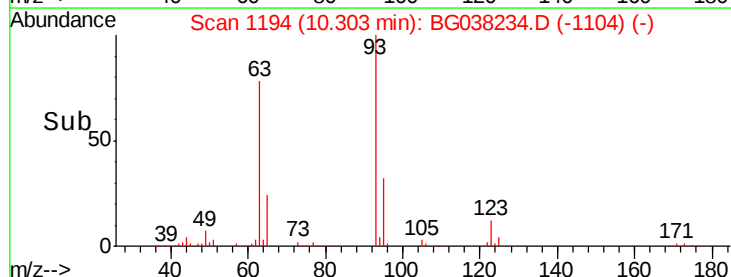


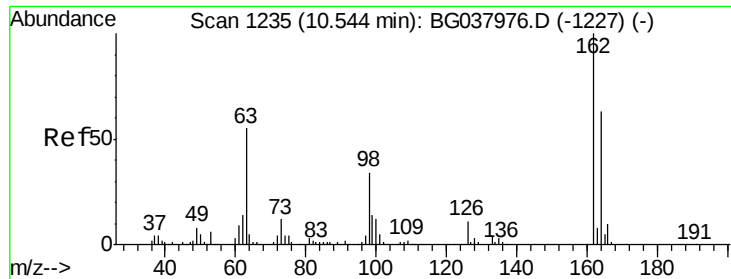
#28  
bis(2-Chloroethoxy)methane  
Concen: 40.975 ng  
RT: 10.30 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Tgt Ion: 93 Resp: 207171  
Ion Ratio Lower Upper  
93 100  
95 31.7 24.6 37.0  
123 12.5 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC  
150000  
Ion 95.00 (94.70 to 95.70): BGC  
100000  
Ion 123.00 (122.70 to 123.70): E

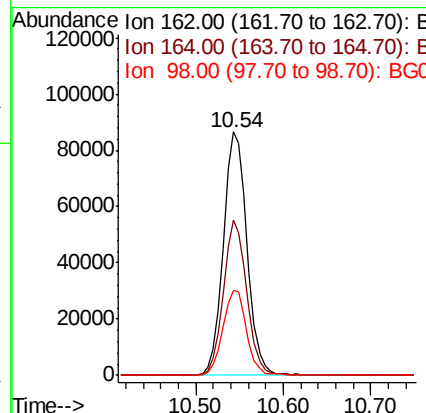
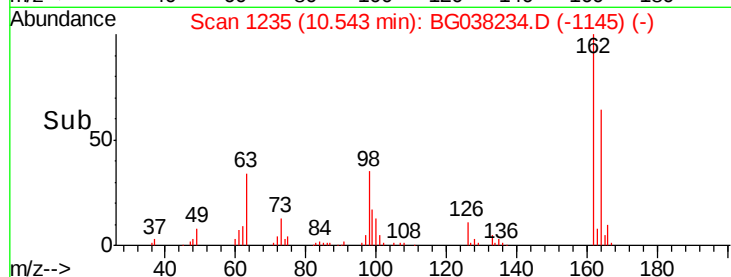
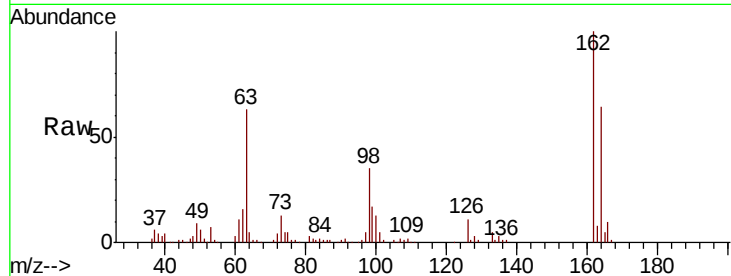




#29  
 2,4-Dichlorophenol  
 Concen: 42.556 ng  
 RT: 10.54 min Scan# 1235  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

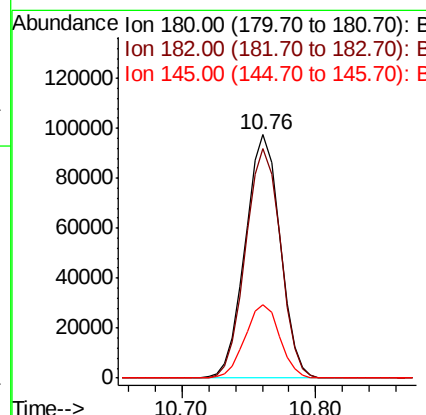
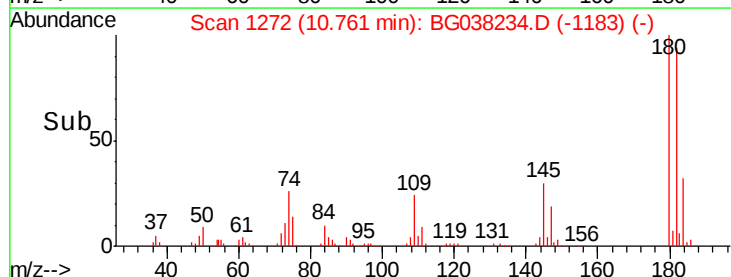
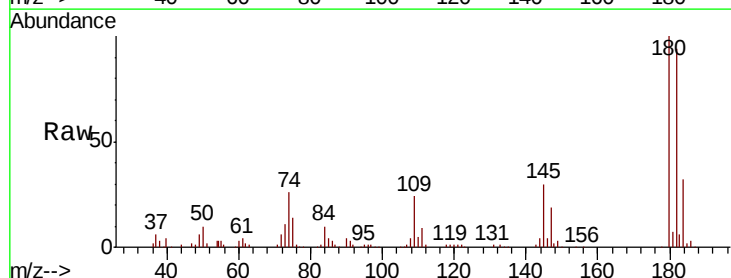
Instrument :  
 BNA\_F  
 ClientSampled :

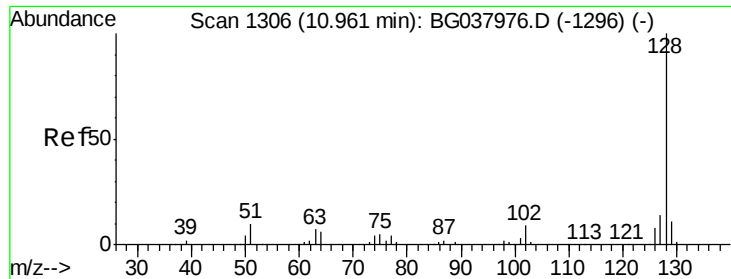
| Tot Ion   | 162  | Resp | 161798 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 43.2 |      |        |
| Upper     | 83.2 |      |        |
| 164       | 63.8 |      |        |
| 98        | 34.9 |      |        |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.253 ng  
 RT: 10.76 min Scan# 1272  
 Delta R.T. -0.01 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

| Tgt Ion   | 180   | Resp | 175760 |
|-----------|-------|------|--------|
| Ion Ratio | 100   |      |        |
| Lower     | 77.7  |      |        |
| Upper     | 116.5 |      |        |
| 182       | 94.2  |      |        |
| 145       | 29.9  |      |        |

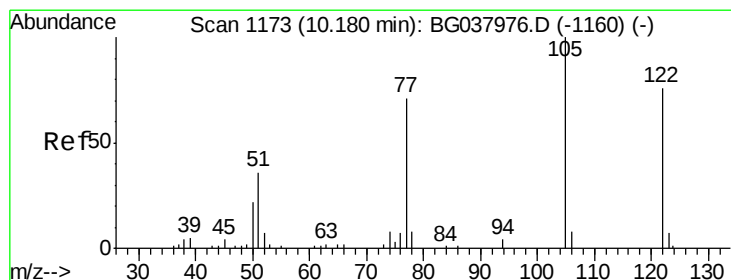
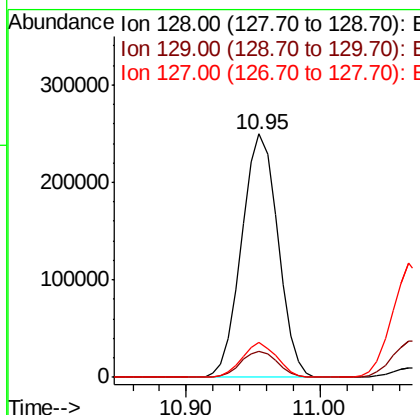
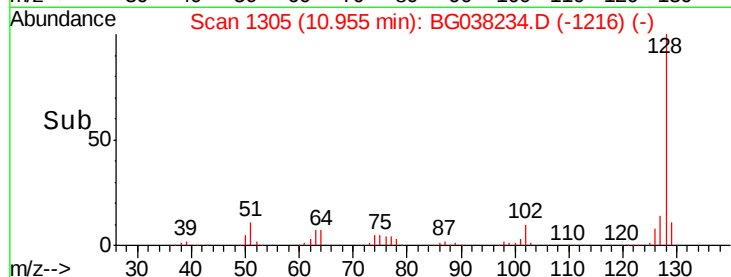
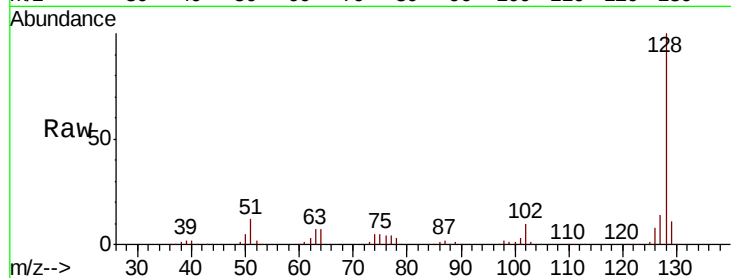




#31  
Naphthalene  
Concen: 40.575 ng  
RT: 10.95 min Scan# 1305  
Delta R.T. -0.01 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

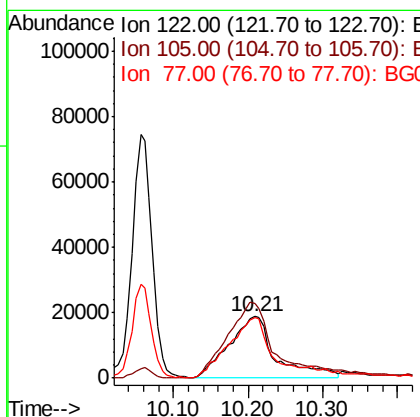
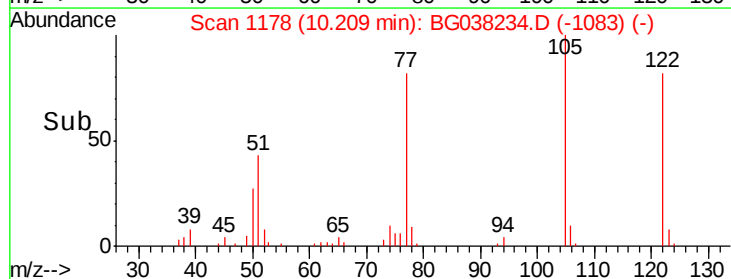
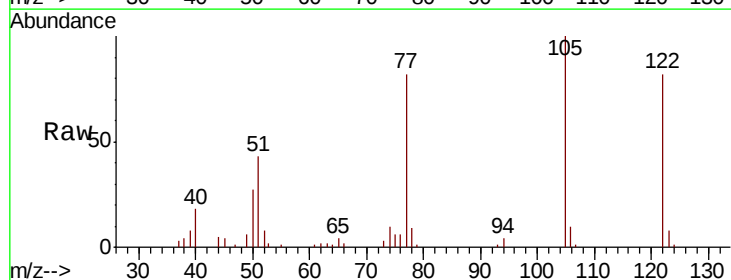
Instrument :  
BNA\_F  
ClientSampleId :

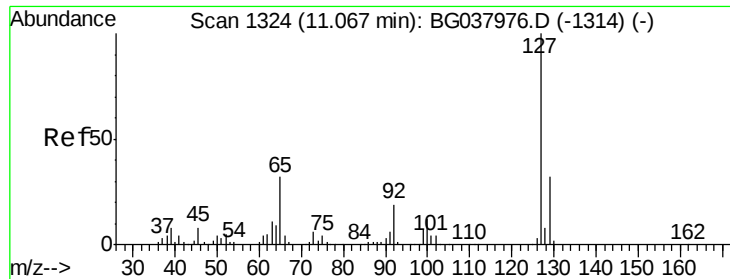
Tot Ion:128 Resp: 469295  
Ion Ratio Lower Upper  
128 100  
129 10.6 9.0 13.6  
127 14.3 11.1 16.7



#32  
Benzoic acid  
Concen: 39.475 ng  
RT: 10.21 min Scan# 1178  
Delta R.T. 0.03 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Tgt Ion:122 Resp: 79501  
Ion Ratio Lower Upper  
122 100  
105 121.6 106.7 146.7  
77 99.2 72.2 112.2

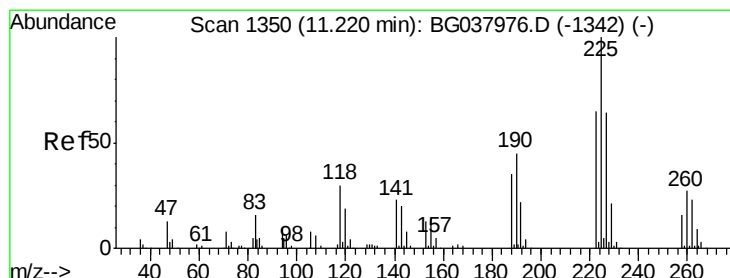
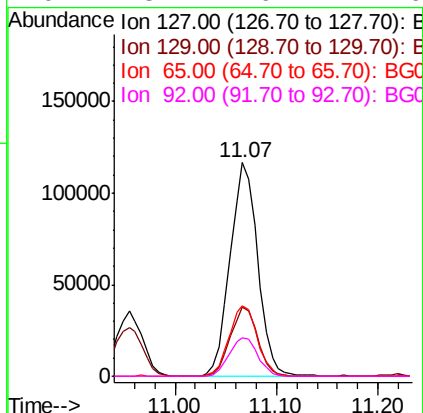
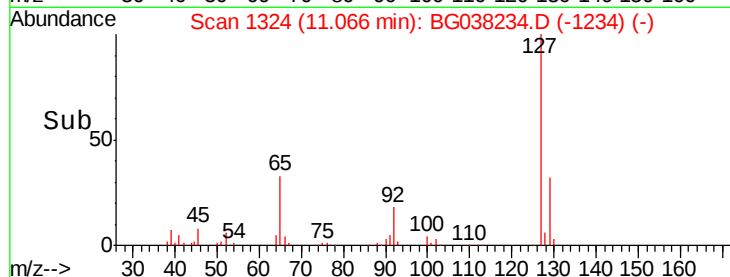
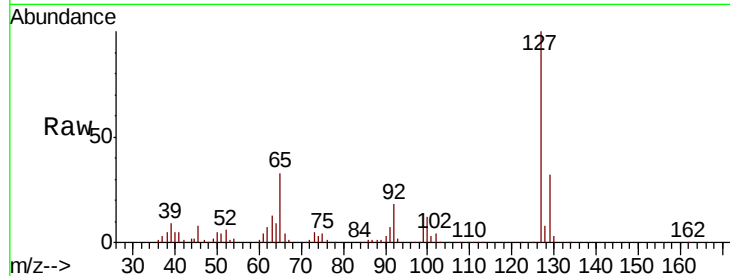




#33  
4-Chloroaniline  
Concen: 41.137 ng  
RT: 11.07 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

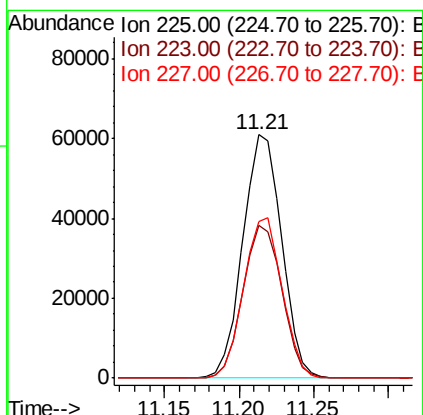
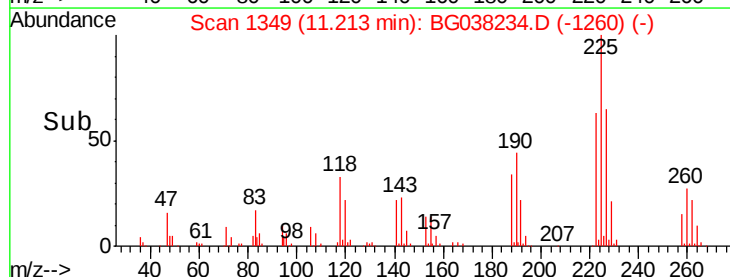
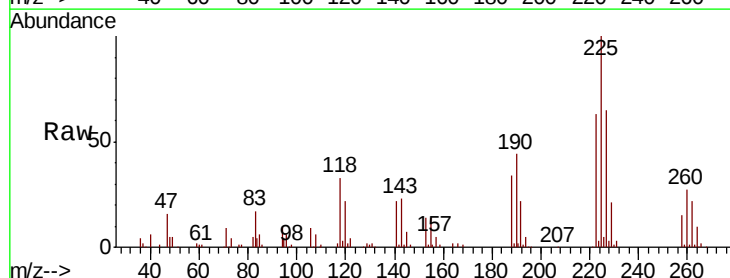
Instrument :  
BNA\_F  
ClientSampleId :

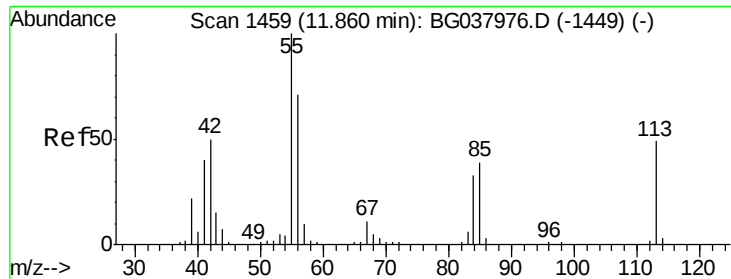
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 221324 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 27.1  | 40.7   |
| 65       | 33.1  | 26.6  | 39.8   |
| 92       | 18.1  | 16.4  | 24.6   |



#34  
Hexachlorobutadiene  
Concen: 41.821 ng  
RT: 11.21 min Scan# 1349  
Delta R.T. -0.01 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 109659 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 59.7  | 48.2  | 72.4   |
| 227      | 64.5  | 51.6  | 77.4   |

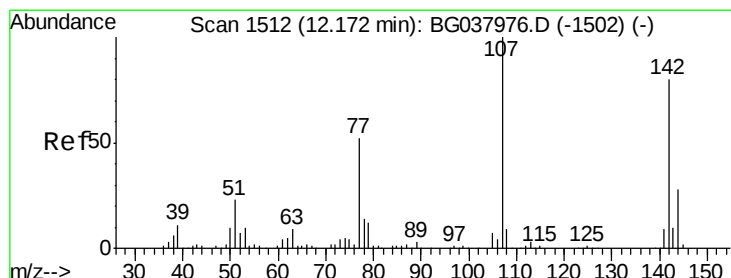
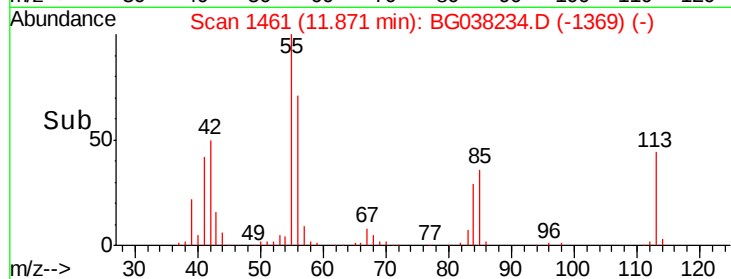
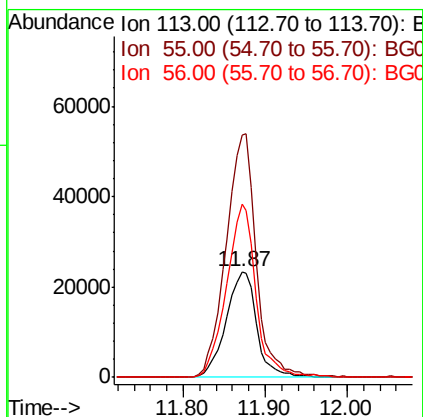
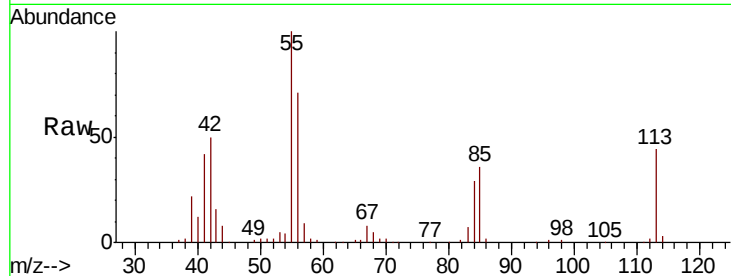




#35  
 Caprolactam  
 Concen: 40.101 ng  
 RT: 11.87 min Scan# 1461  
 Delta R.T. 0.01 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

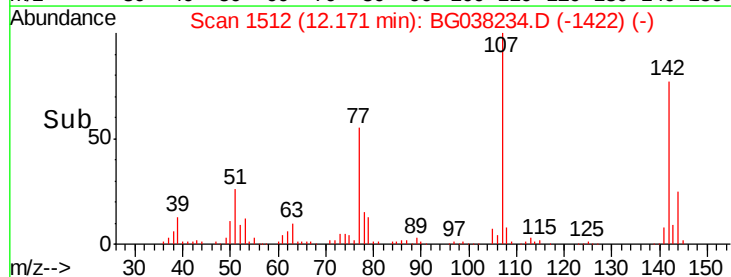
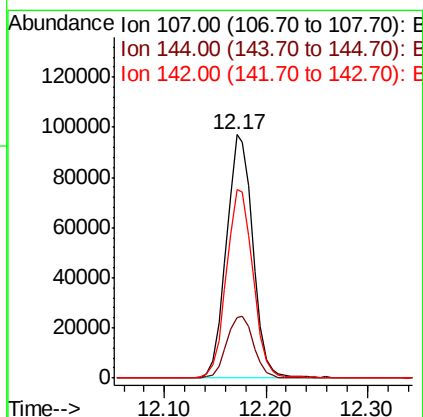
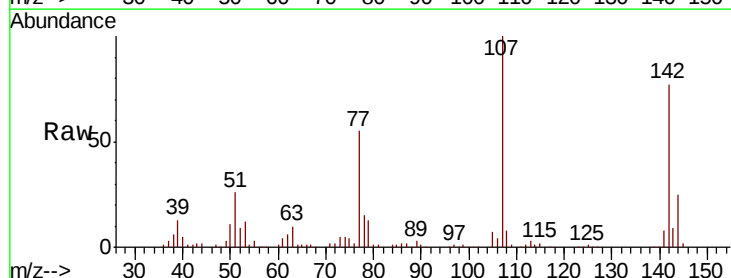
Instrument :  
 BNA\_F  
 ClientSampled :

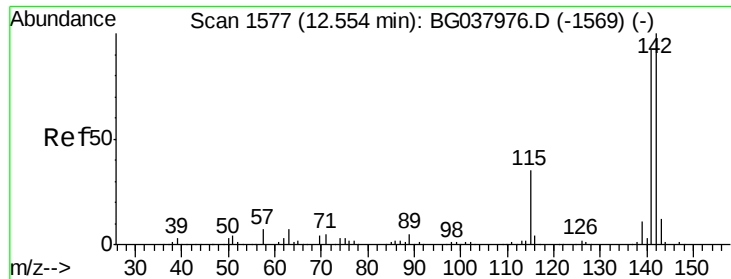
Tot Ion:113 Resp: 61026  
 Ion Ratio Lower Upper  
 113 100  
 55 229.4 176.6 216.6#  
 56 163.8 128.3 168.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.362 ng  
 RT: 12.17 min Scan# 1512  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

Tgt Ion:107 Resp: 175961  
 Ion Ratio Lower Upper  
 107 100  
 144 25.0 20.7 31.1  
 142 77.3 64.4 96.6

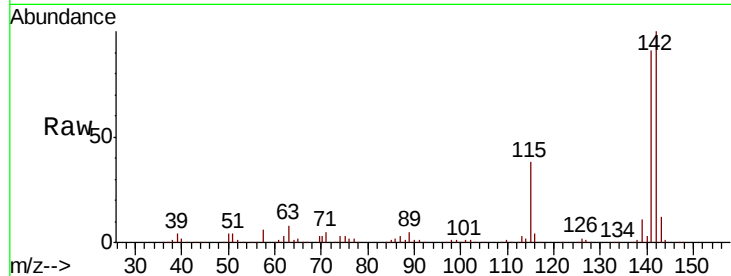




#37  
 2-Methylnaphthalene  
 Concen: 40.329 ng  
 RT: 12.55 min Scan# 1577  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 71.9  | 107.9 |
| 115     | 38.3  | 27.8  | 41.8  |

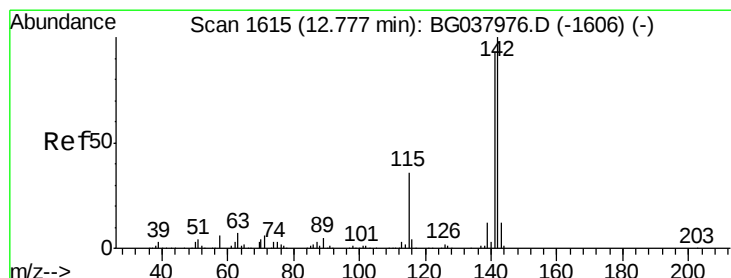
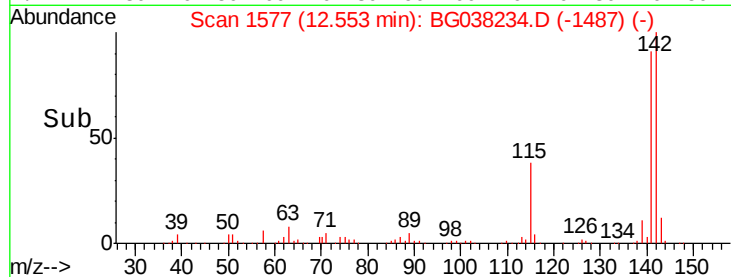
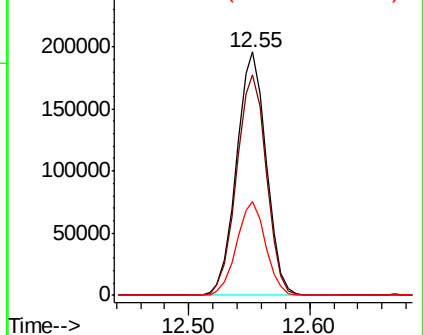


Abundance

Ion 142.00 (141.70 to 142.70): E

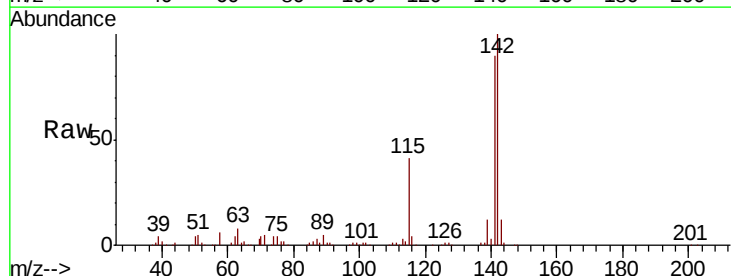
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
 1-Methylnaphthalene  
 Concen: 40.293 ng  
 RT: 12.77 min Scan# 1614  
 Delta R.T. -0.01 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.4  | 75.2  | 112.8 |
| 116     | 4.2   | 3.3   | 4.9   |

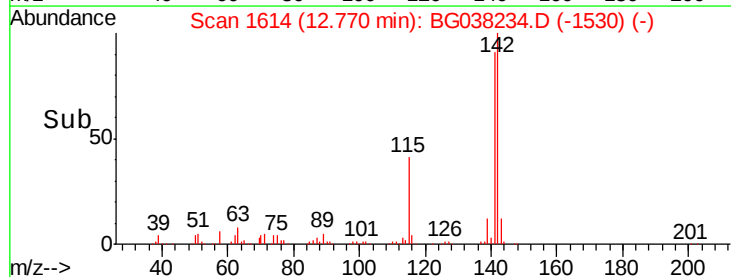
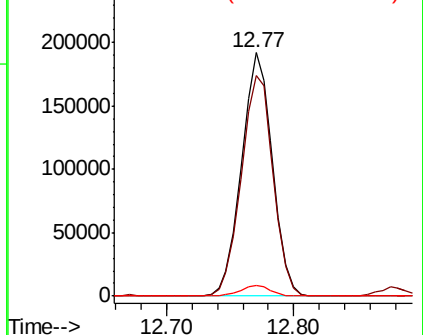


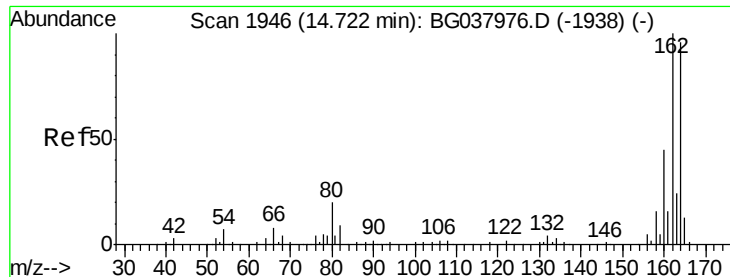
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

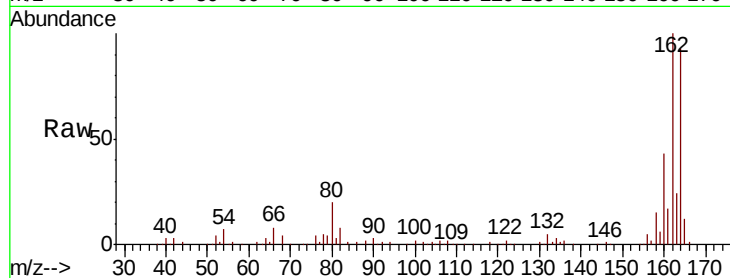
Tot Ion:164 Resp: 139808

Ion Ratio Lower Upper

164 100

162 107.0 81.3 121.9

160 45.6 36.3 54.5

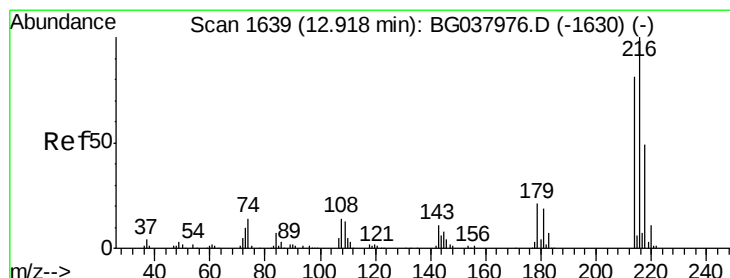
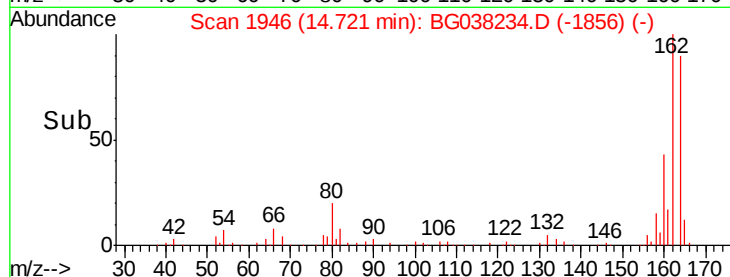
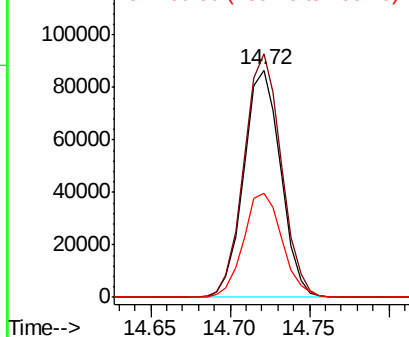


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.288 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Tgt Ion:216 Resp: 202233

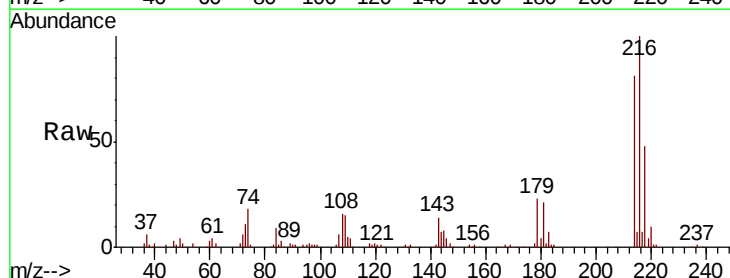
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 21.6 17.4 26.0

108 18.0 13.9 20.9



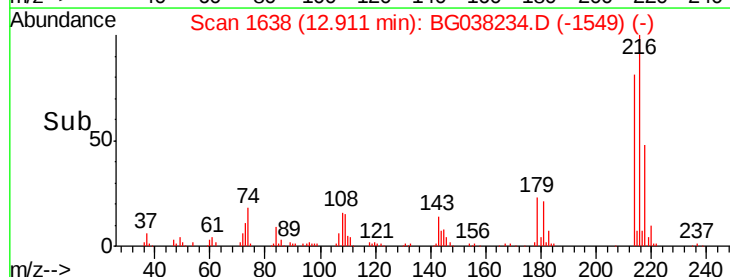
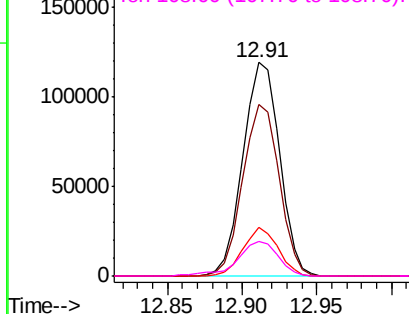
Abundance

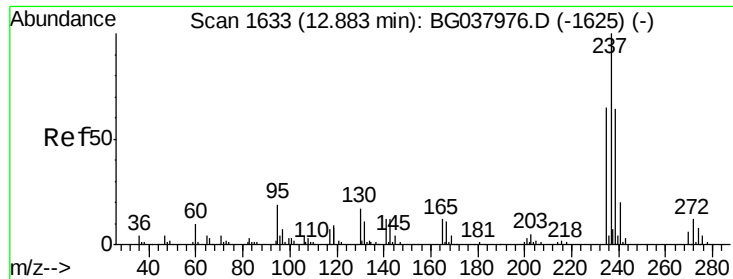
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 38.276 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

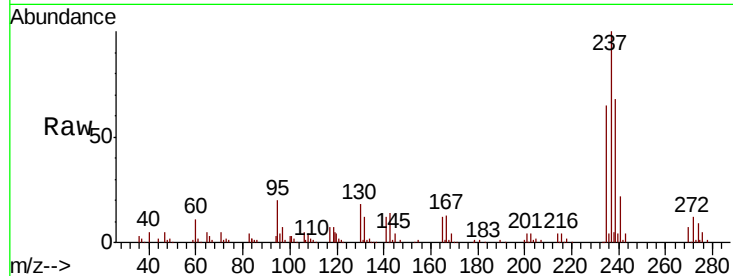
Tot Ion:237 Resp: 95751

Ion Ratio Lower Upper

237 100

235 64.8 42.5 82.5

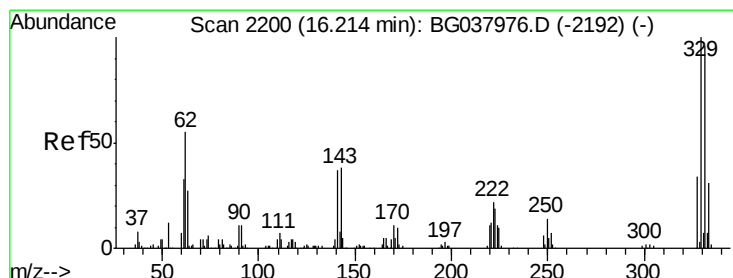
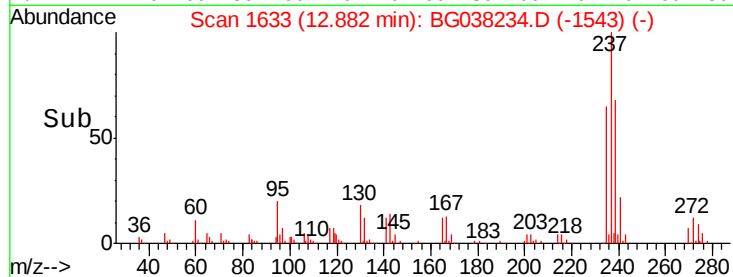
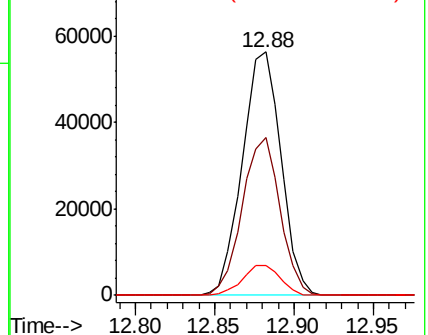
272 12.2 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 83.394 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

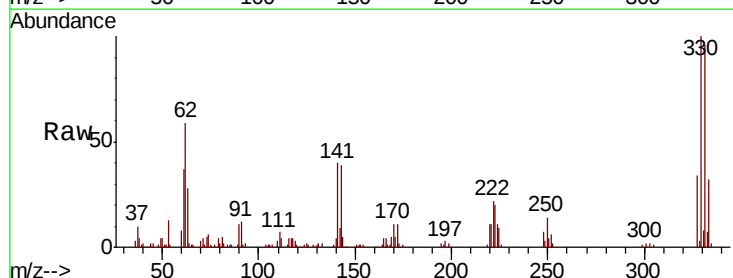
Tgt Ion:330 Resp: 132970

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

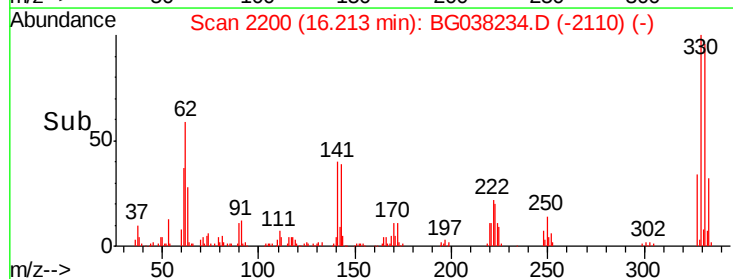
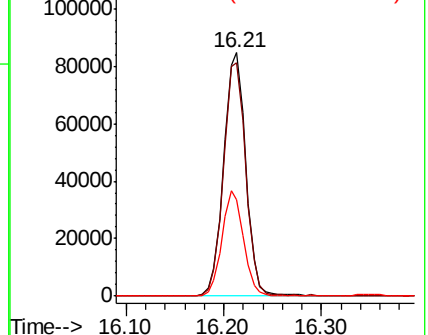
141 42.0 32.2 48.2

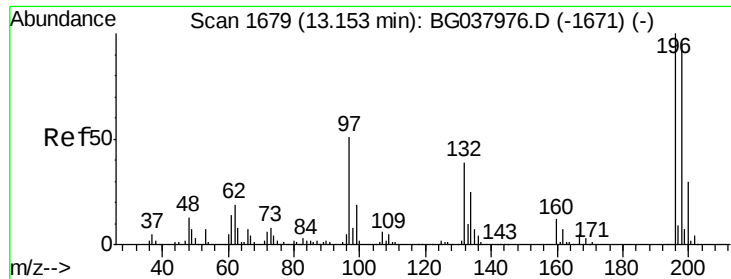


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

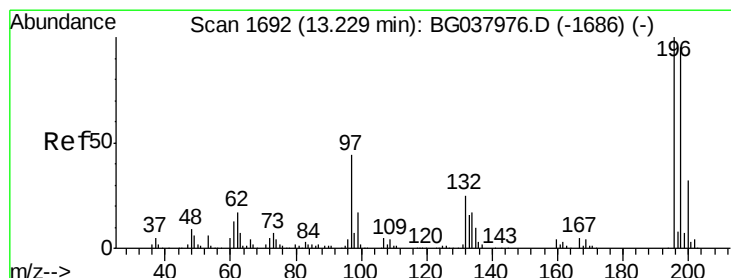
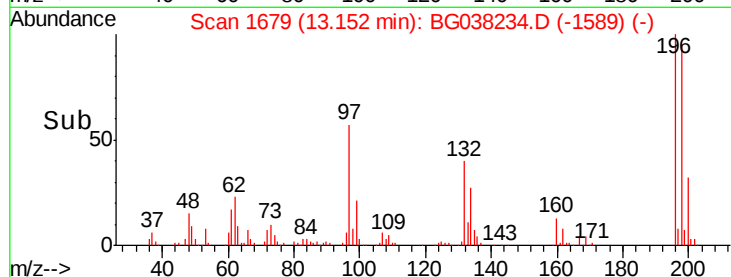
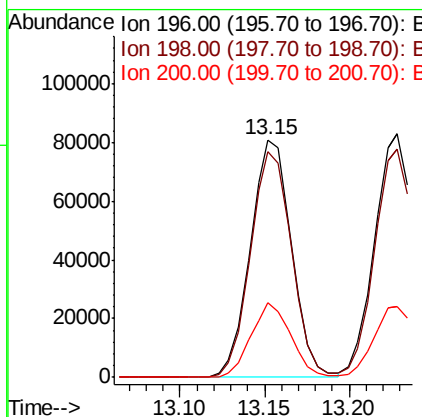
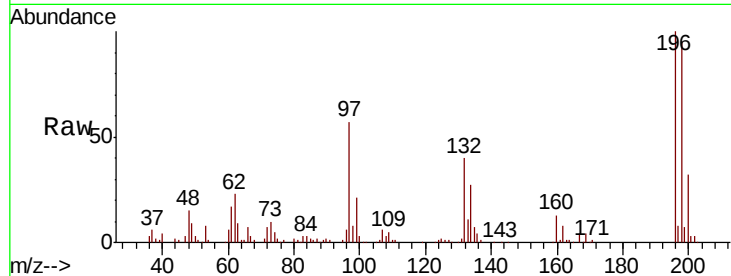




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.942 ng  
 RT: 13.15 min Scan# 1679  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

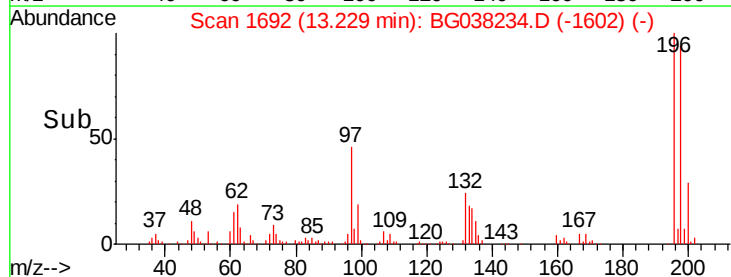
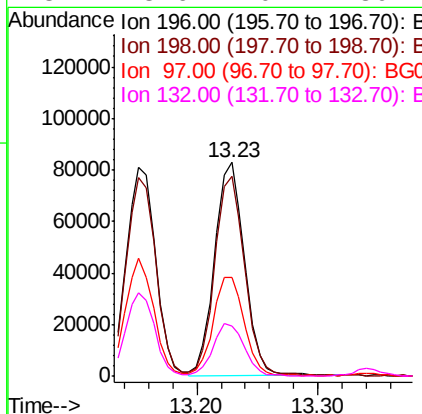
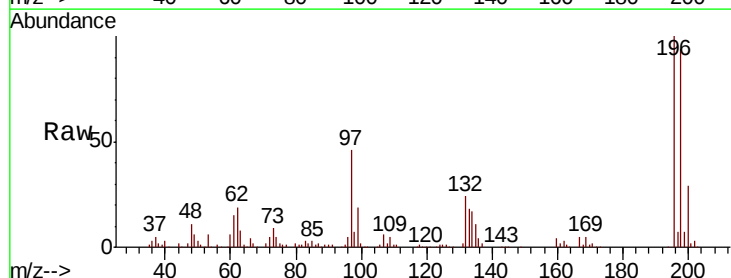
Instrument :  
 BNA\_F  
 ClientSampled :

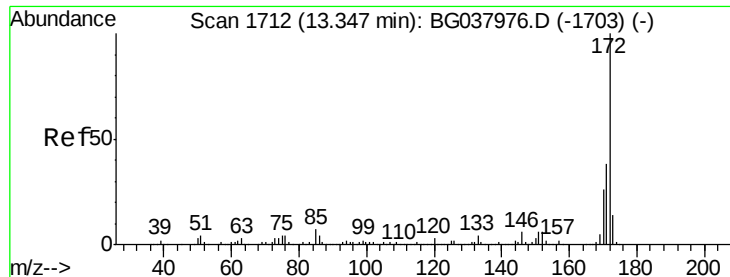
Tot Ion:196 Resp: 136707  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 76.4 114.6  
 200 31.7 24.9 37.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.142 ng  
 RT: 13.23 min Scan# 1692  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

Tgt Ion:196 Resp: 141160  
 Ion Ratio Lower Upper  
 196 100  
 198 93.8 74.2 111.2  
 97 46.2 34.1 51.1  
 132 23.6 20.2 30.4

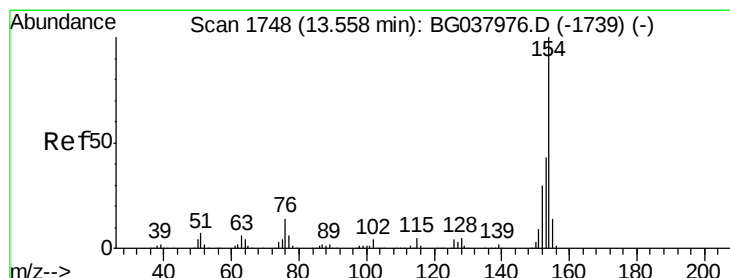
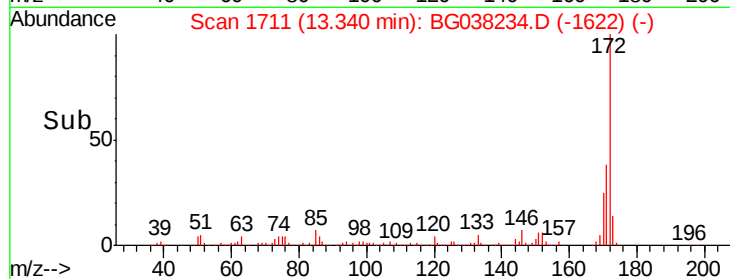
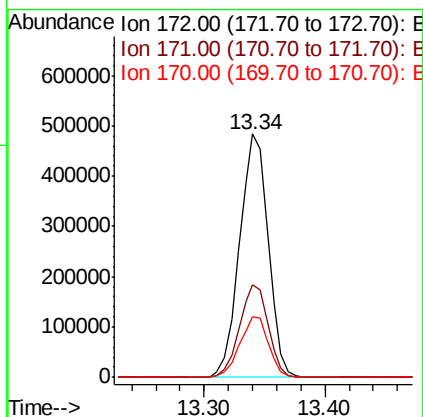
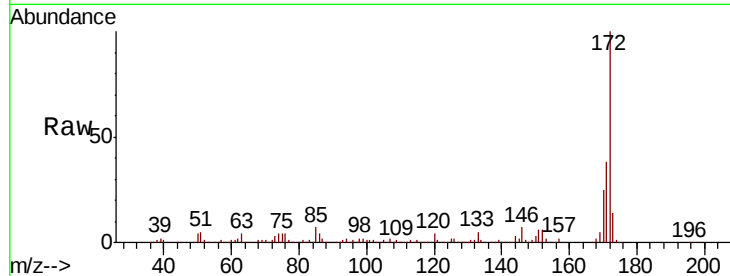




#45  
2-Fluorobiphenyl  
Concen: 83.086 ng  
RT: 13.34 min Scan# 1711  
Delta R.T. -0.01 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

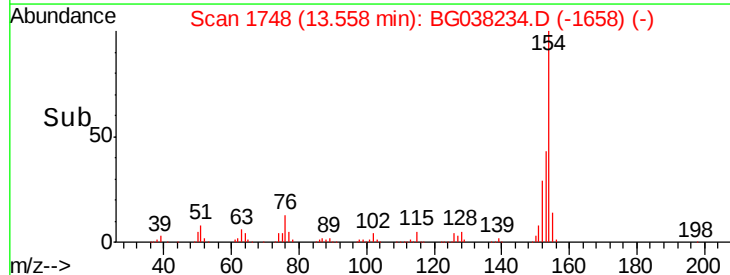
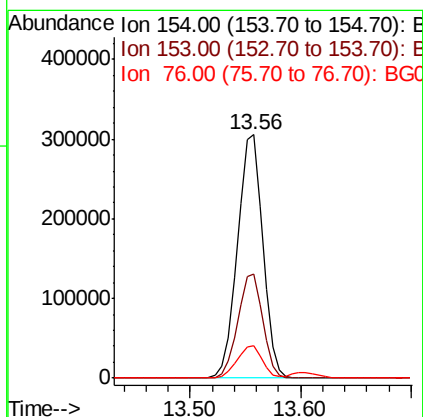
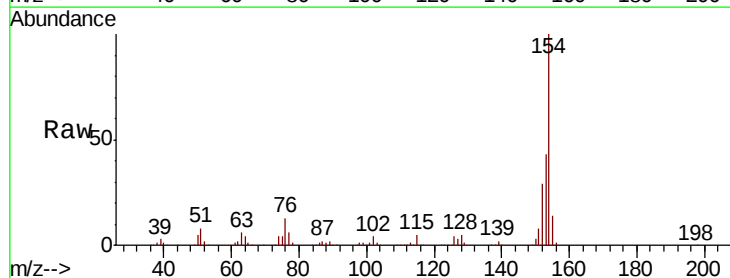
Instrument :  
BNA\_F  
ClientSampleId :

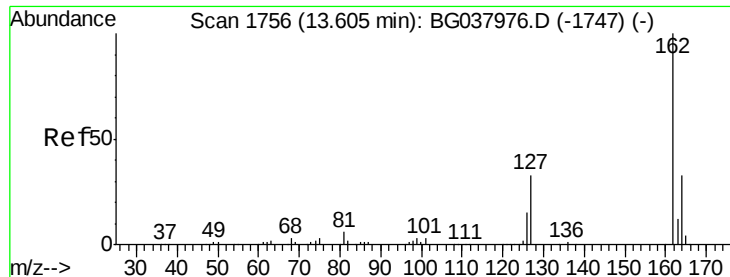
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.1  | 31.0  | 46.4  |
| 170     | 24.9  | 20.2  | 30.2  |



#46  
1,1'-Biphenyl  
Concen: 42.030 ng  
RT: 13.56 min Scan# 1748  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.9  | 22.1  | 62.1  |
| 76      | 13.4  | 0.0   | 33.2  |

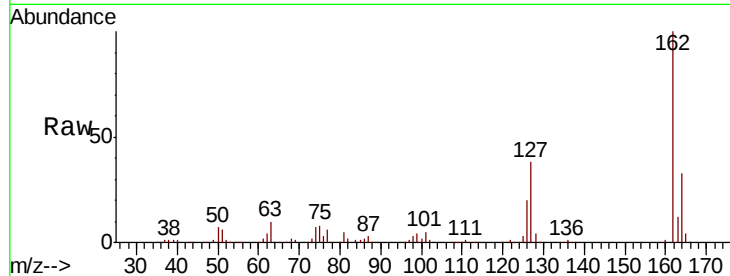




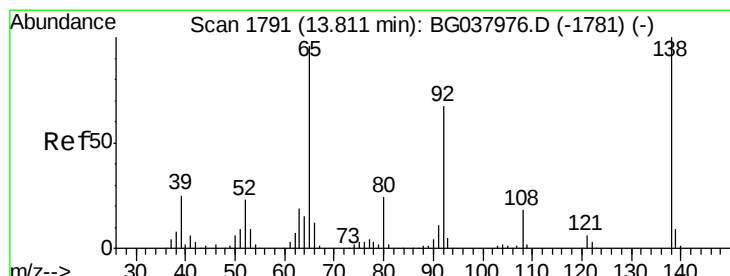
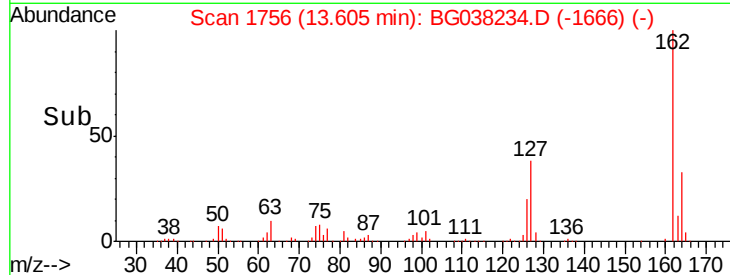
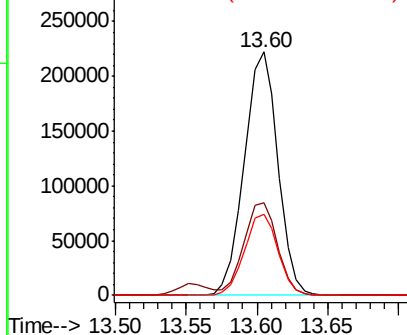
#47  
2-Chloronaphthalene  
Concen: 41.337 ng  
RT: 13.60 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.8  | 30.5  | 45.7  |
| 164     | 33.3  | 26.4  | 39.6  |

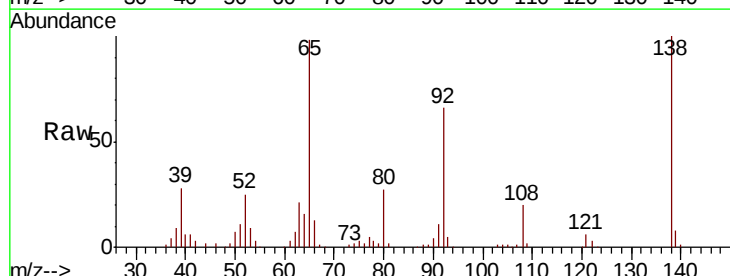


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

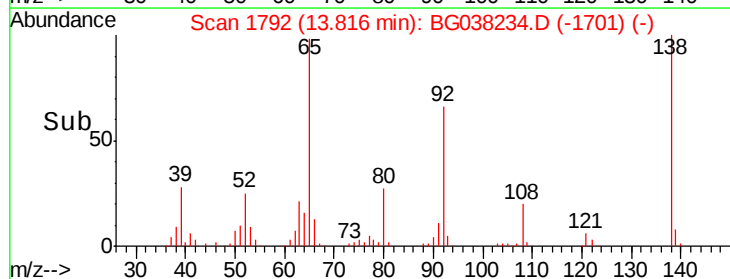
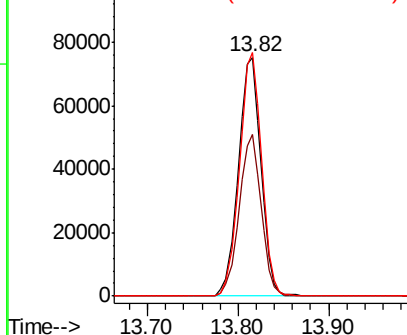


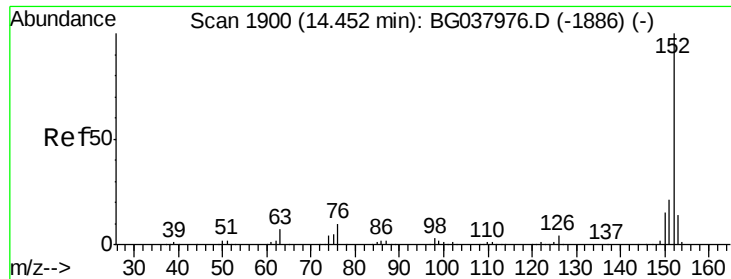
#48  
2-Nitroaniline  
Concen: 46.333 ng  
RT: 13.82 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.5  | 53.2  | 79.8  |
| 138     | 101.9 | 79.3  | 118.9 |



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





#49

Acenaphthylene

Concen: 41.595 ng

RT: 14.44 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

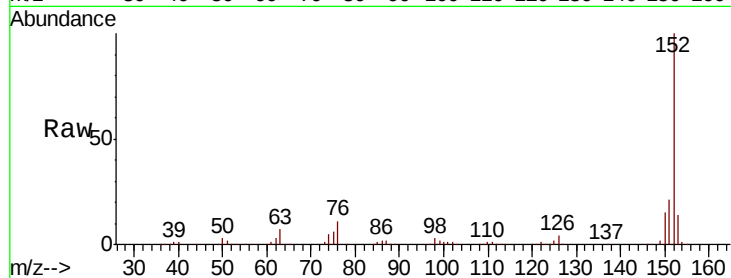
Tot Ion:152 Resp: 560620

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

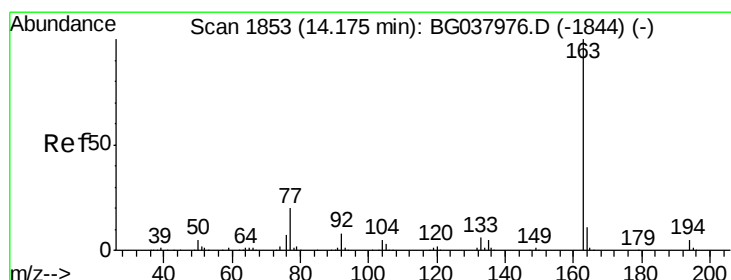
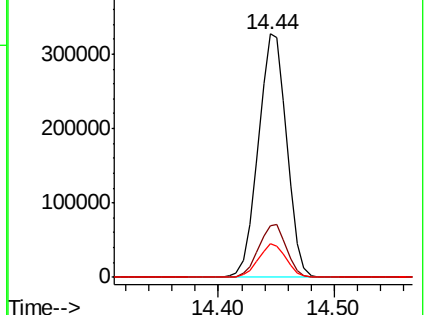
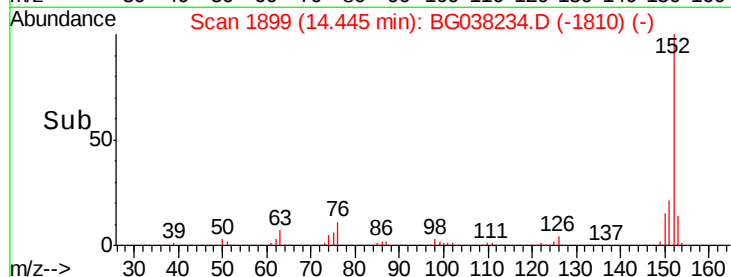
153 13.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.041 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

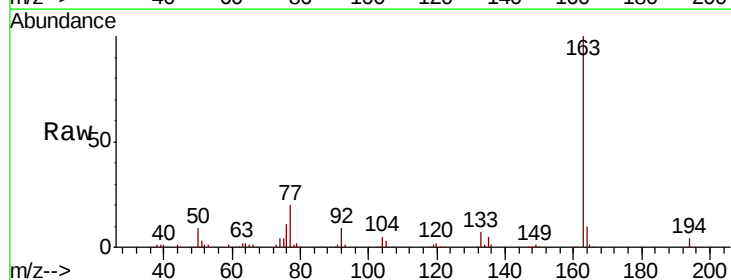
Tgt Ion:163 Resp: 454880

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

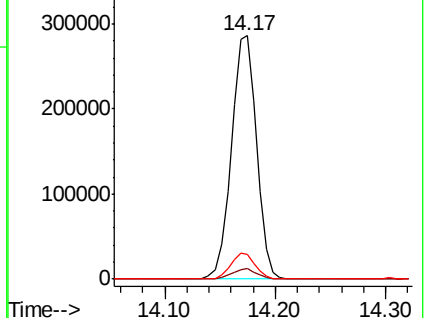
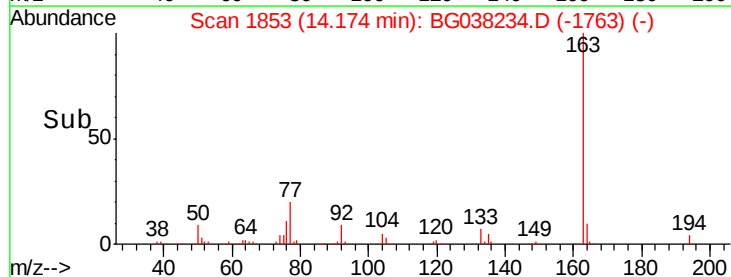
164 10.0 8.5 12.7

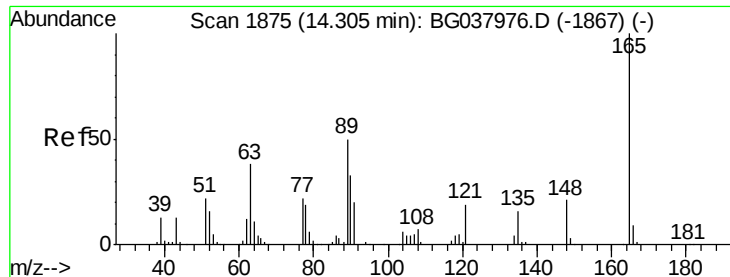


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

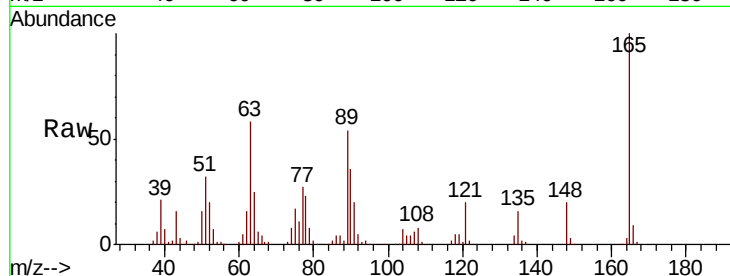




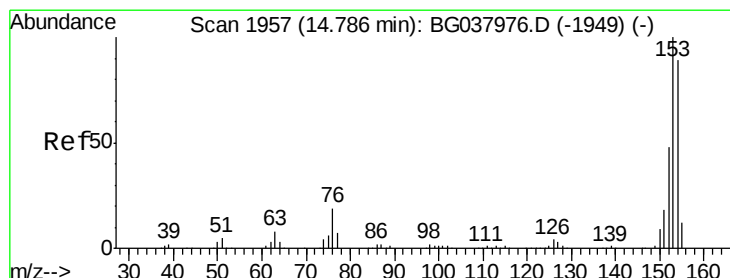
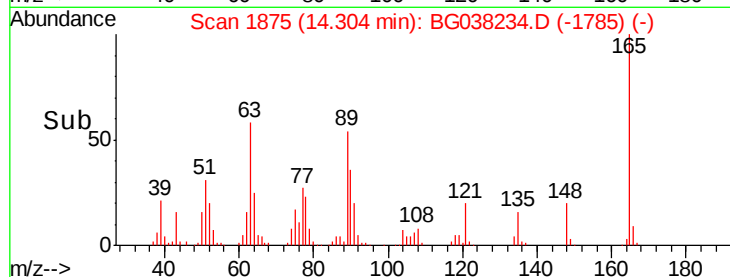
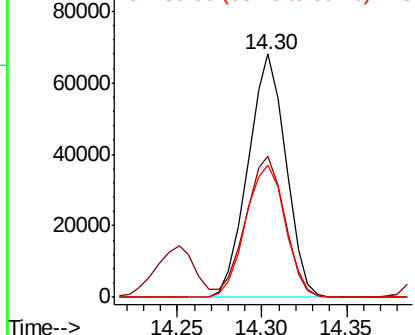
#51  
 2,6-Dinitrotoluene  
 Concen: 42.240 ng  
 RT: 14.30 min Scan# 1875  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:165 Resp: 105960  
 Ion Ratio Lower Upper  
 165 100  
 63 58.1 43.4 65.2  
 89 54.4 45.8 68.6

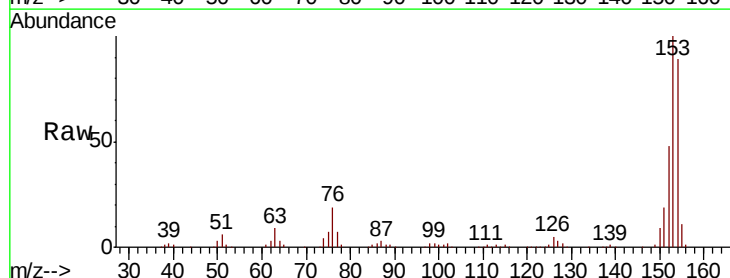


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

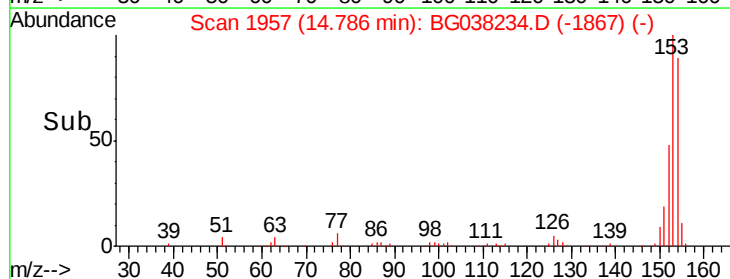
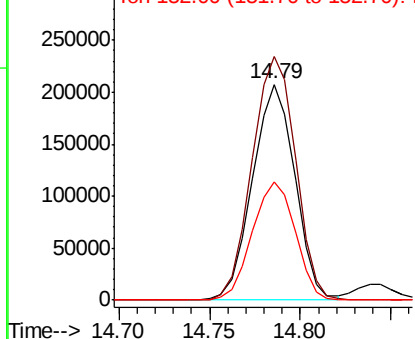


#52  
 Acenaphthene  
 Concen: 41.519 ng  
 RT: 14.79 min Scan# 1957  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

Tgt Ion:154 Resp: 336890  
 Ion Ratio Lower Upper  
 154 100  
 153 112.8 93.4 140.0  
 152 54.5 44.7 67.1



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

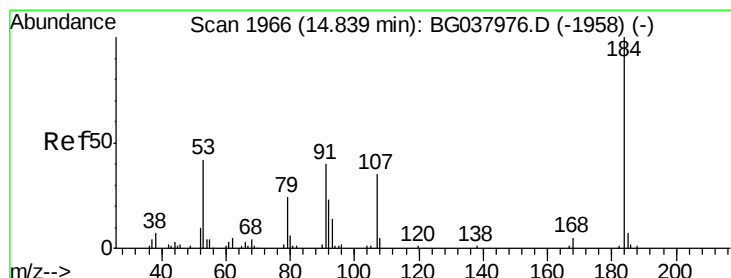
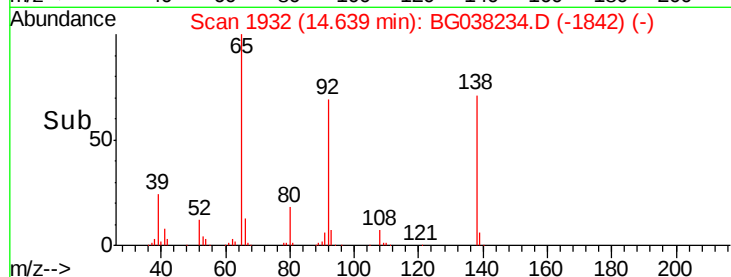
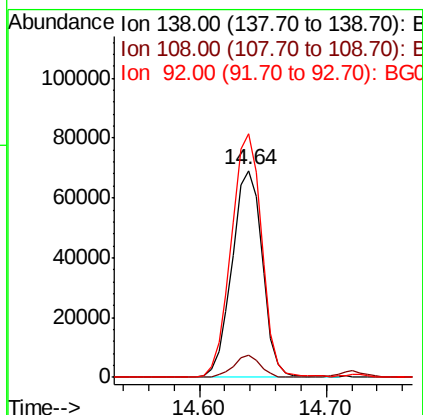
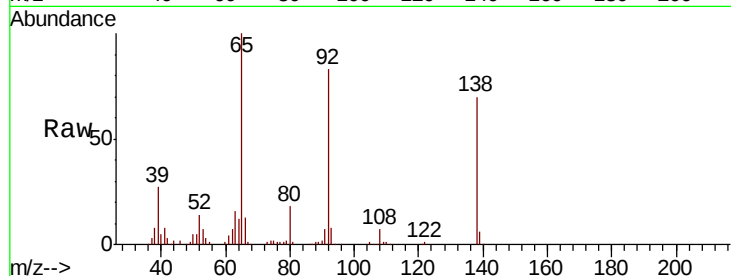




#53  
3-Nitroaniline  
Concen: 41.396 ng  
RT: 14.64 min Scan# 1932  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

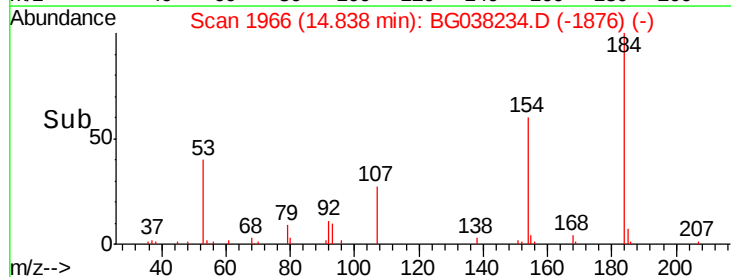
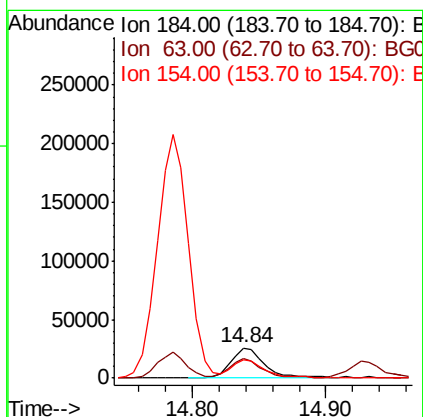
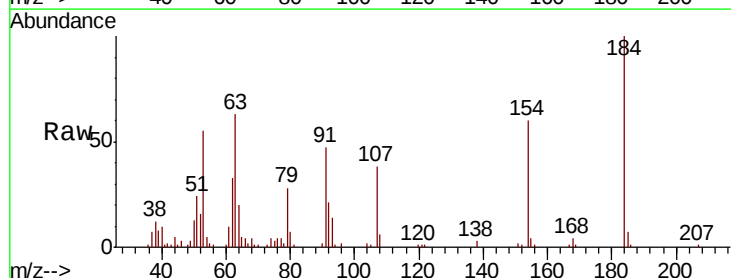
Instrument :  
BNA\_F  
ClientSampleId :

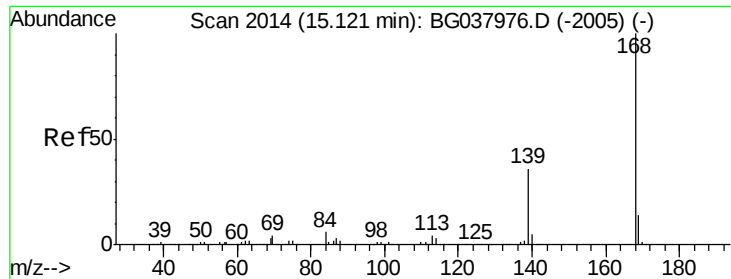
Tot Ion:138 Resp: 114587  
Ion Ratio Lower Upper  
138 100  
108 10.5 11.0 16.6#  
92 117.9 95.2 142.8



#54  
2,4-Dinitrophenol  
Concen: 38.824 ng  
RT: 14.84 min Scan# 1966  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Tgt Ion:184 Resp: 45243  
Ion Ratio Lower Upper  
184 100  
63 62.6 42.6 63.8  
154 59.8 41.8 62.6

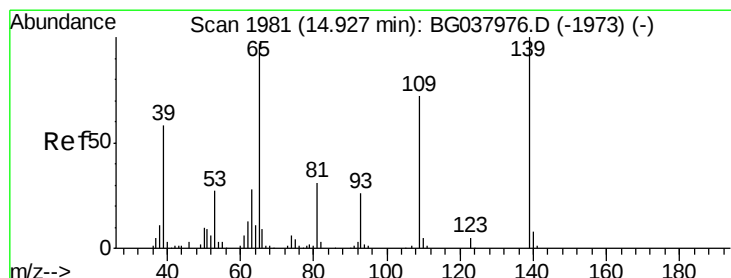
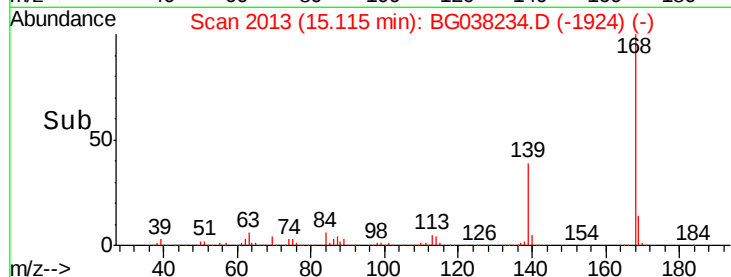
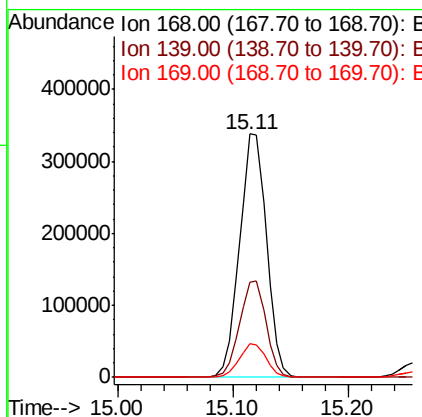
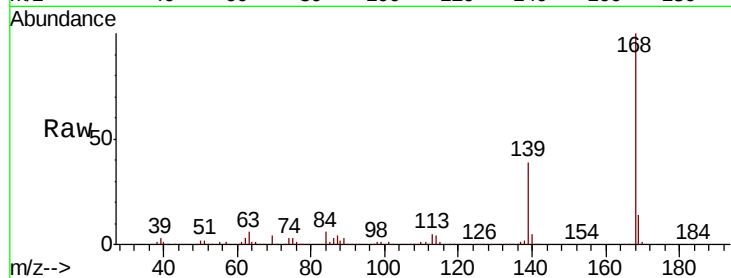




#55  
Dibenzofuran  
Concen: 40.851 ng  
RT: 15.11 min Scan# 2013  
Delta R.T. -0.01 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

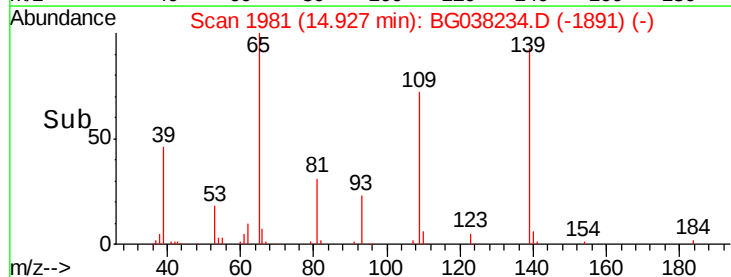
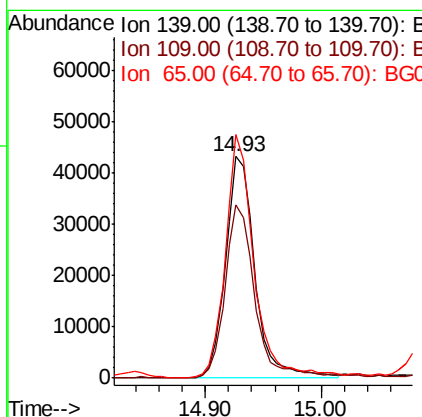
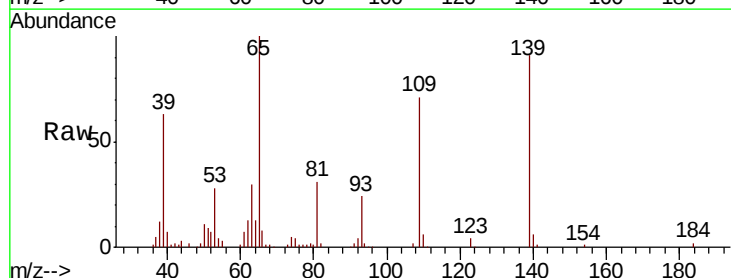
Instrument :  
BNA\_F  
ClientSampleId :

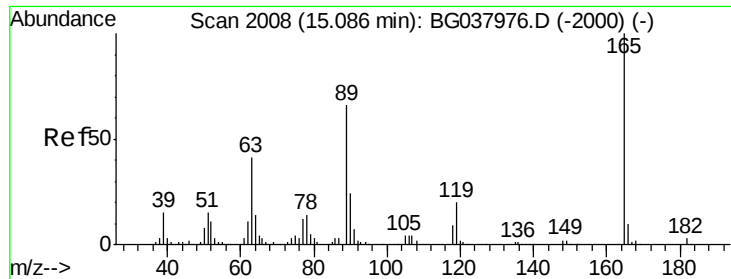
Tot Ion:168 Resp: 548095  
Ion Ratio Lower Upper  
168 100  
139 38.9 29.4 44.0  
169 13.9 11.0 16.6



#56  
4-Nitrophenol  
Concen: 35.713 ng  
RT: 14.93 min Scan# 1981  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Tgt Ion:139 Resp: 76243  
Ion Ratio Lower Upper  
139 100  
109 78.0 49.5 89.5  
65 109.9 76.8 116.8

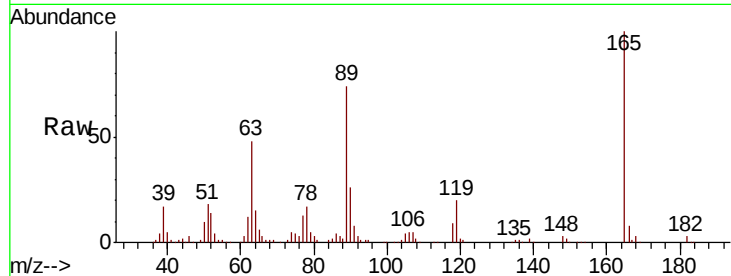




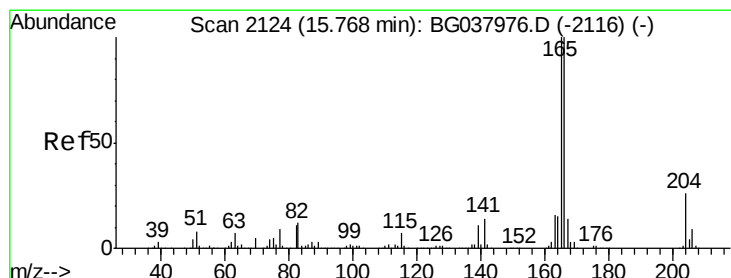
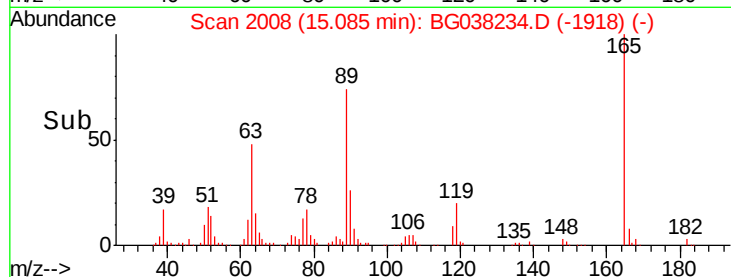
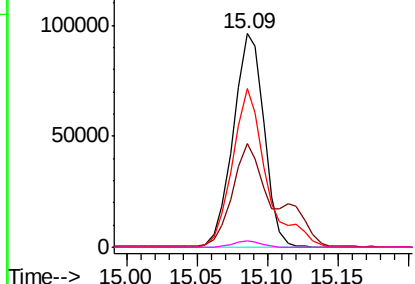
#57  
2,4-Dinitrotoluene  
Concen: 42.835 ng  
RT: 15.09 min Scan# 2008  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 146198    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 48.3  | 33.4 50.0 |
| 89          | 74.4  | 57.2 85.8 |
| 182         | 3.0   | 2.6 4.0   |

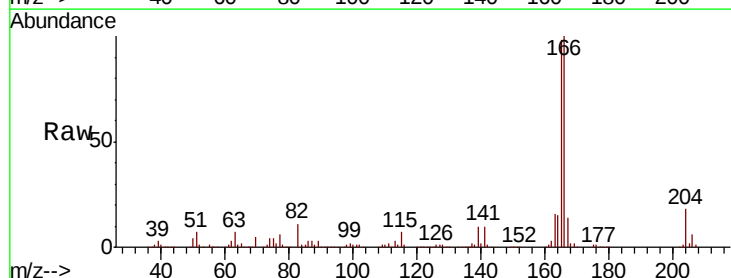


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

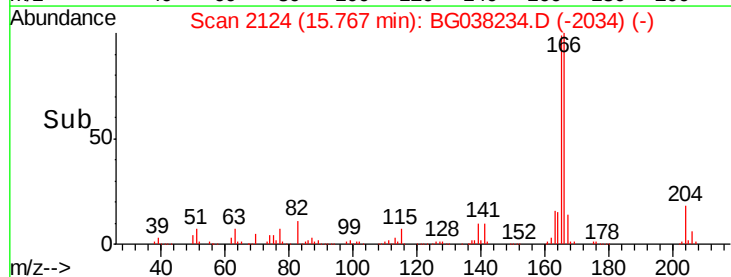
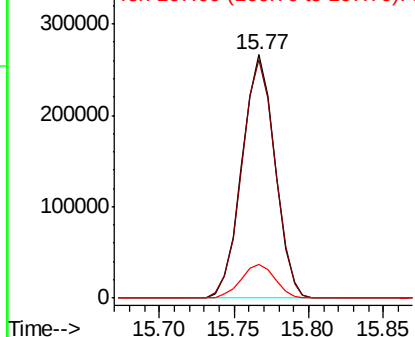


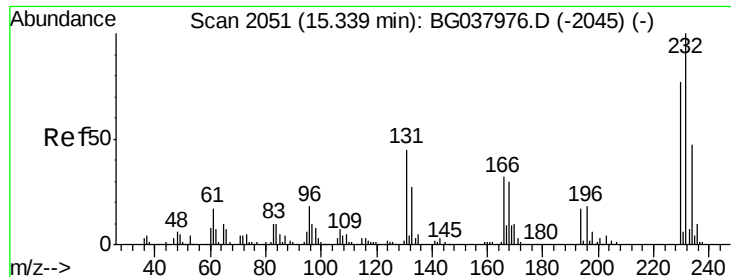
#58  
Fluorene  
Concen: 40.630 ng  
RT: 15.77 min Scan# 2124  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 406730     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 97.9  | 79.0 118.6 |
| 167         | 13.9  | 11.3 16.9  |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

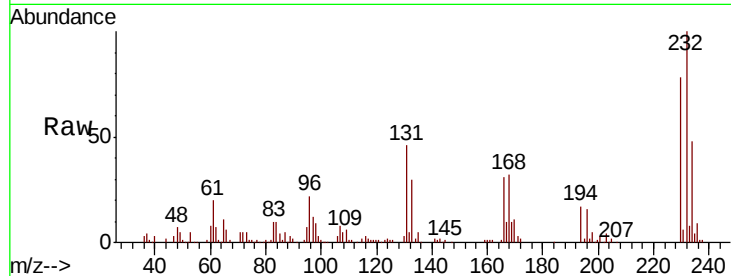




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.141 ng  
 RT: 15.34 min Scan# 2051  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.5  | 33.7  | 50.5  |
| 130     | 2.8   | 2.1   | 3.1   |
| 166     | 31.0  | 24.6  | 36.8  |



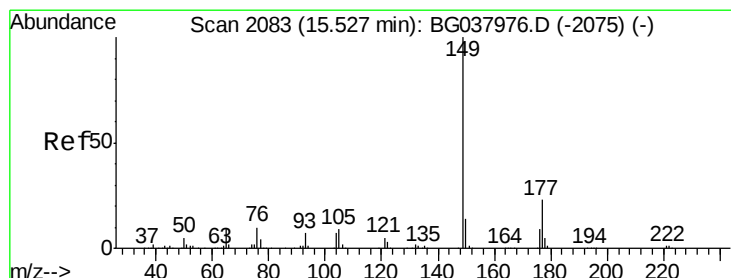
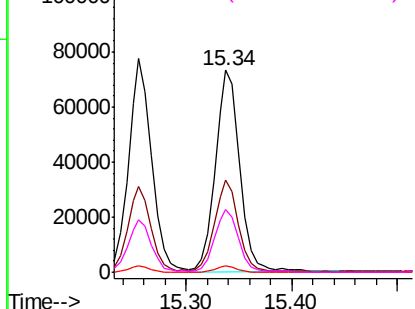
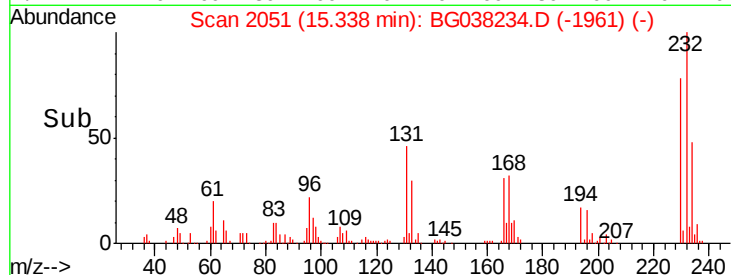
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

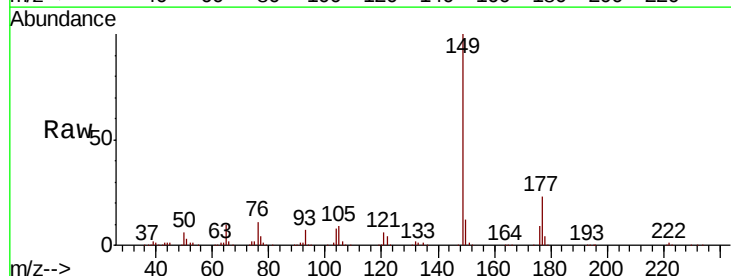
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 41.150 ng  
 RT: 15.53 min Scan# 2083  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.6  | 18.3  | 27.5  |
| 150     | 12.3  | 10.0  | 15.0  |

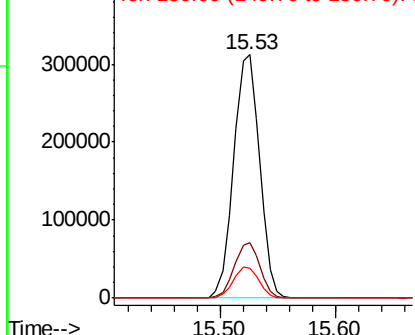
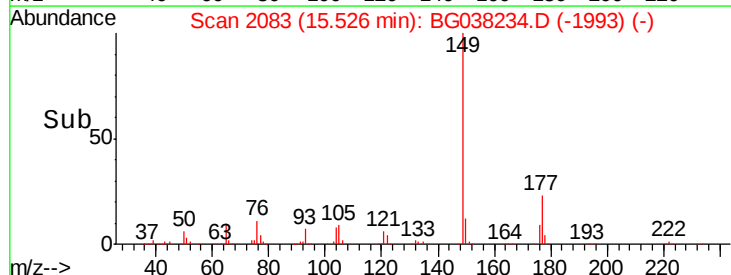


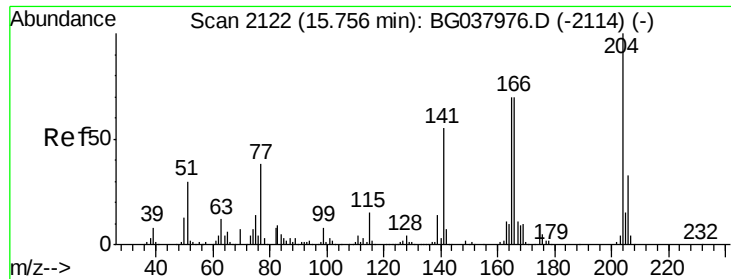
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

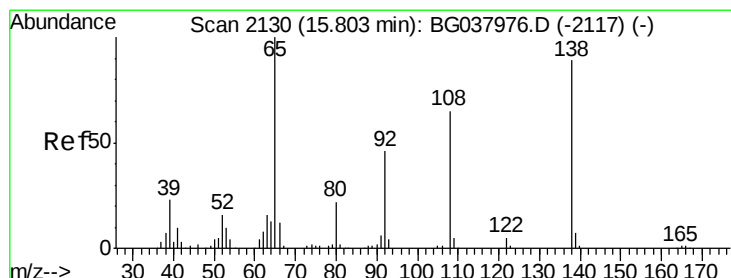
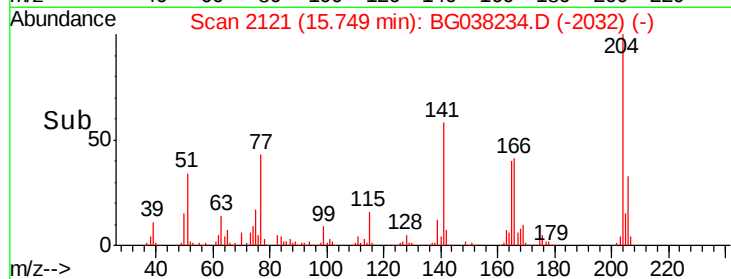
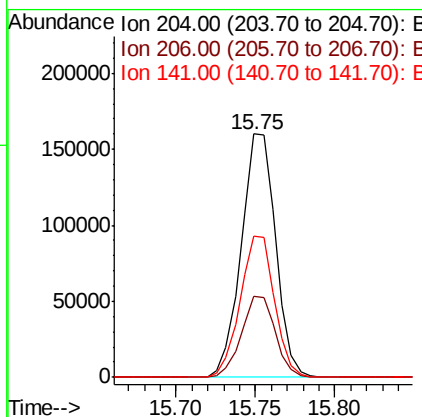
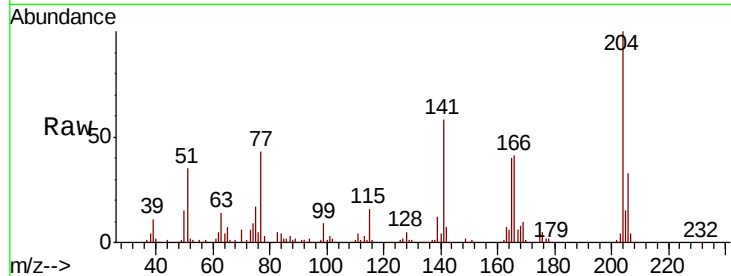




#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.089 ng  
 RT: 15.75 min Scan# 2121  
 Delta R.T. -0.01 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

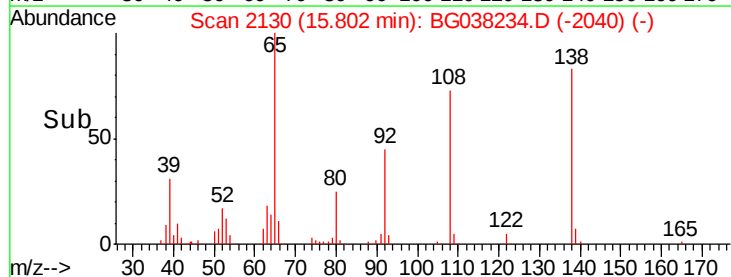
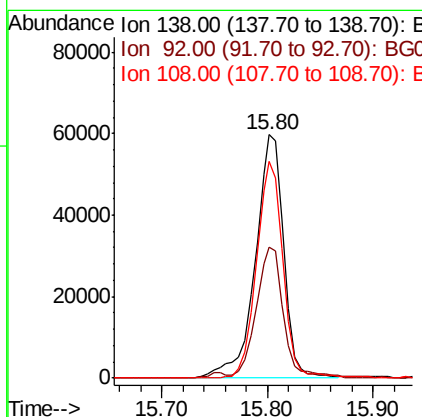
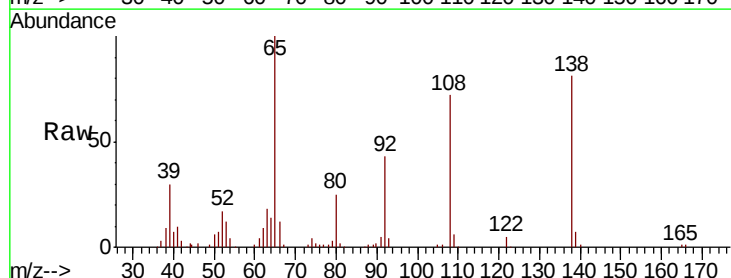
Instrument :  
 BNA\_F  
 ClientSampleId :

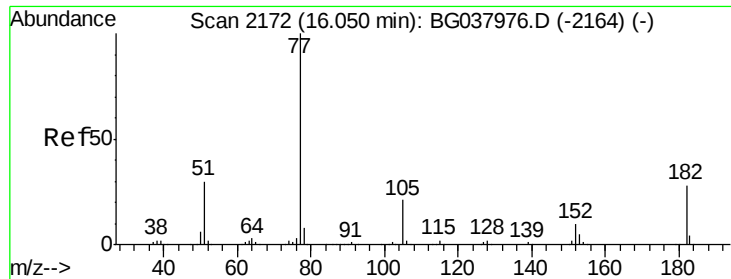
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.1  | 26.6  | 39.8  |
| 141     | 57.9  | 45.4  | 68.2  |



#62  
 4-Nitroaniline  
 Concen: 40.634 ng  
 RT: 15.80 min Scan# 2130  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.8  | 36.4  | 76.4  |
| 108     | 88.8  | 60.1  | 100.1 |





#63

Azobenzene

Concen: 42.316 ng

RT: 16.04 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 445415

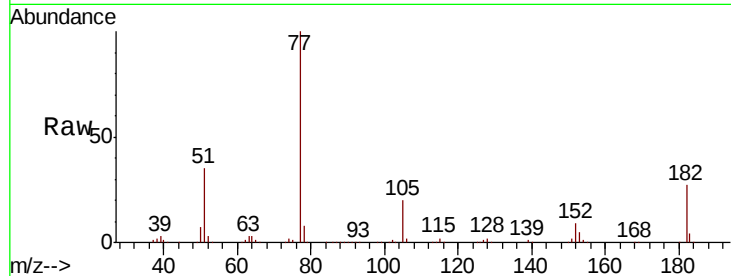
Ion Ratio Lower Upper

77 100

182 26.5 8.0 48.0

105 20.4 1.3 41.3

51 34.8 10.7 50.7

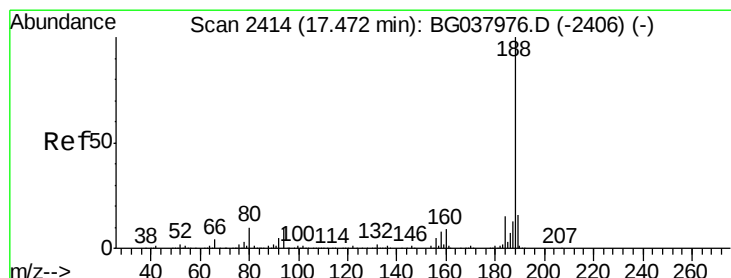
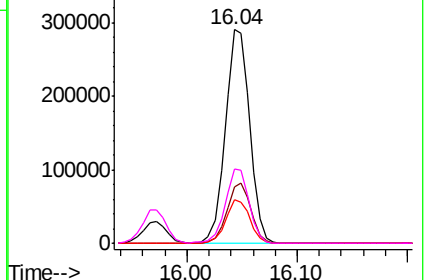
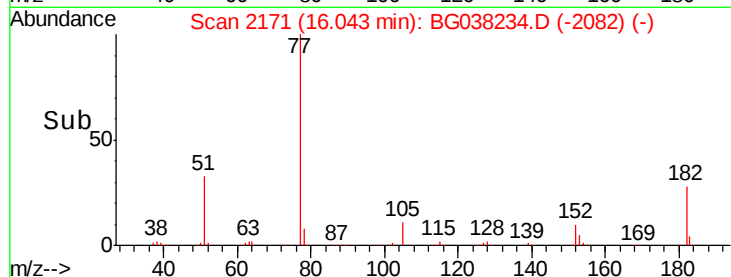


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

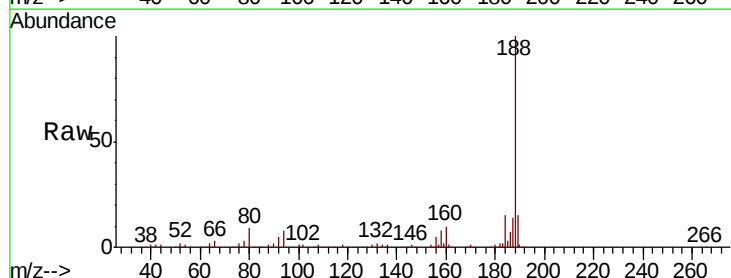
Tgt Ion: 188 Resp: 312425

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

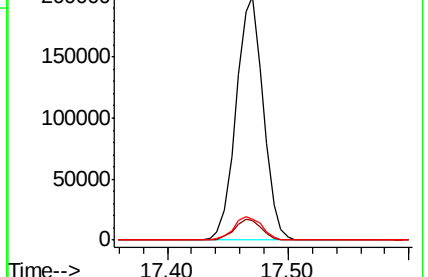
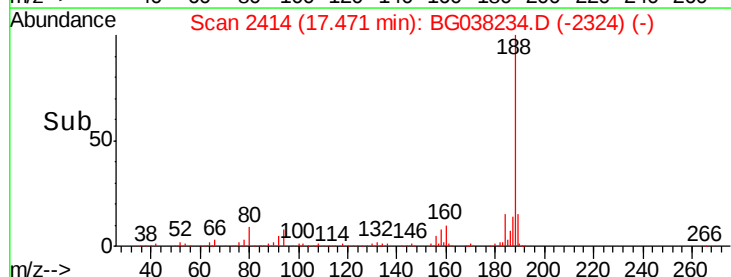
80 8.7 7.7 11.5

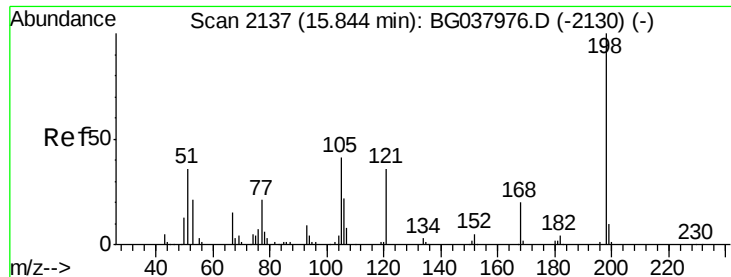


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.332 ng

RT: 15.85 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

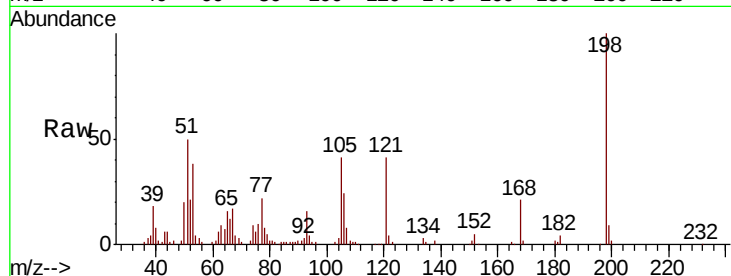
Tot Ion:198 Resp: 71795

Ion Ratio Lower Upper

198 100

51 49.9 22.7 62.7

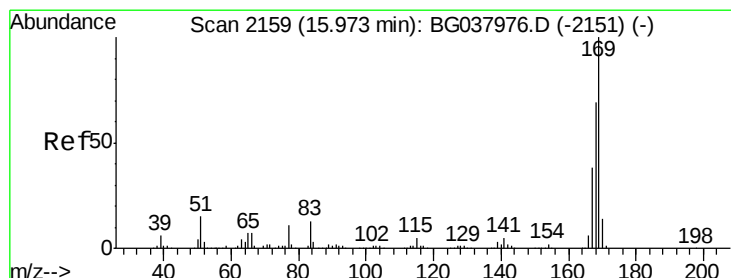
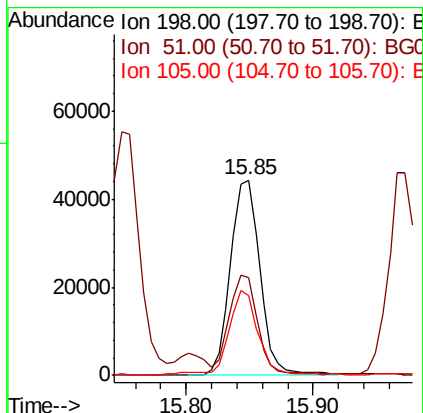
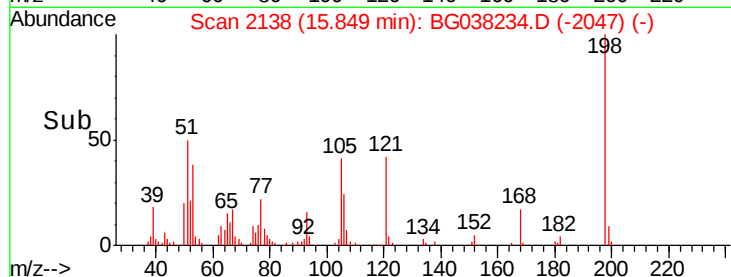
105 41.0 19.7 59.7



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



#66

n-Nitrosodiphenylamine

Concen: 41.940 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

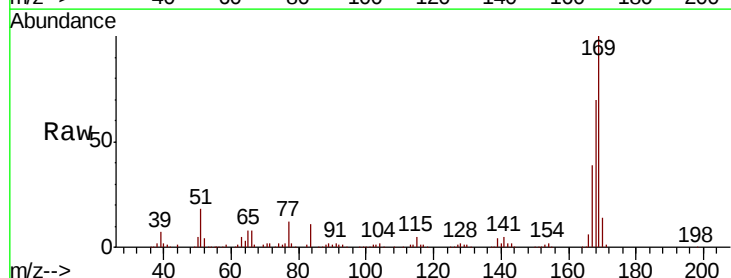
Tgt Ion:169 Resp: 396408

Ion Ratio Lower Upper

169 100

168 69.9 55.7 83.5

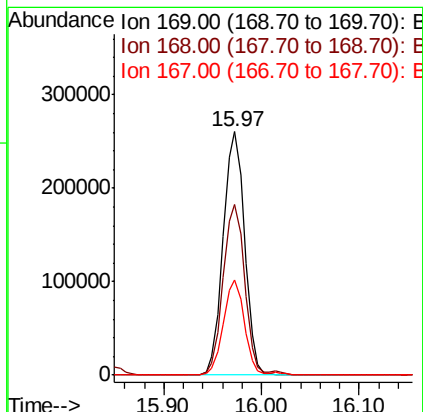
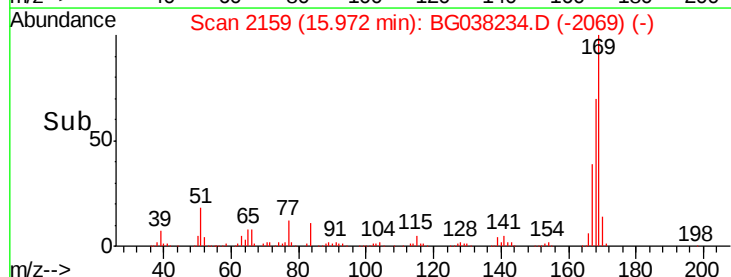
167 39.2 31.3 46.9

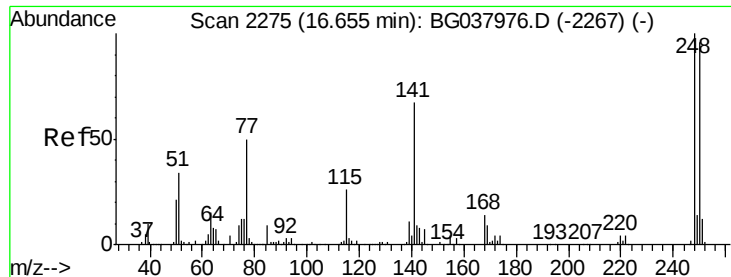


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

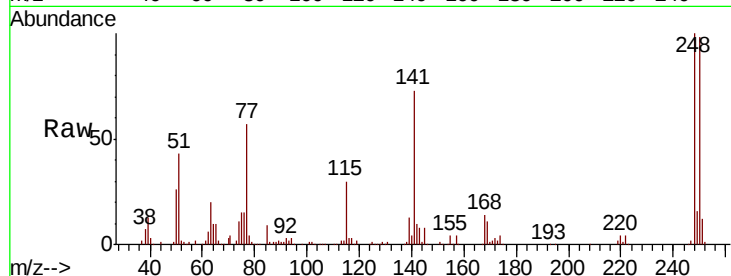




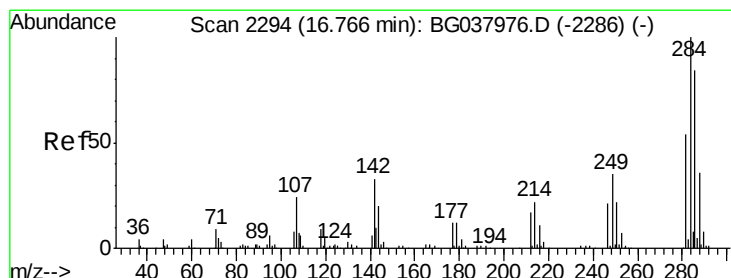
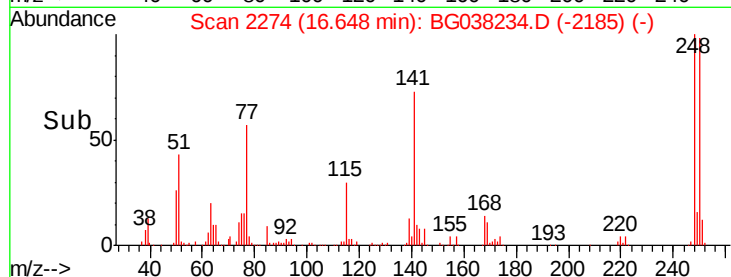
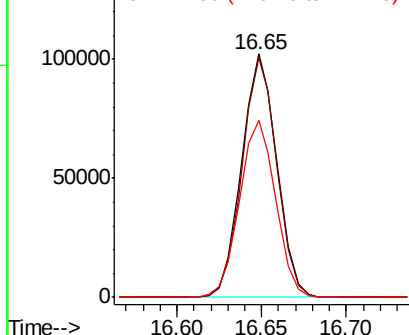
#67  
 4-Bromophenyl-phenylether  
 Concen: 42.977 ng  
 RT: 16.65 min Scan# 2274  
 Delta R.T. -0.01 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:248 Resp: 147373  
 Ion Ratio Lower Upper  
 248 100  
 250 98.2 77.0 115.6  
 141 72.8 55.5 83.3

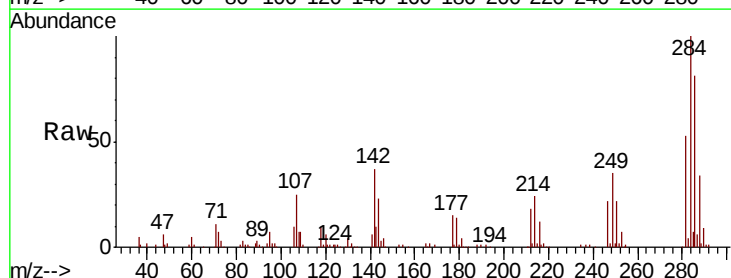


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

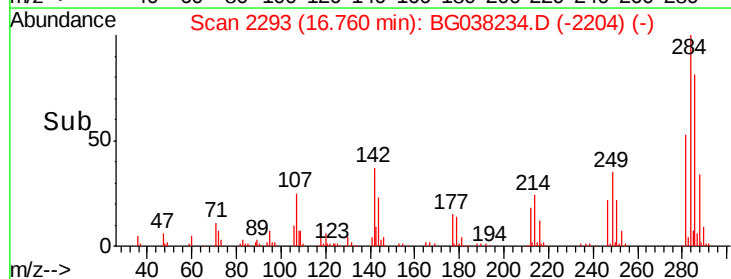
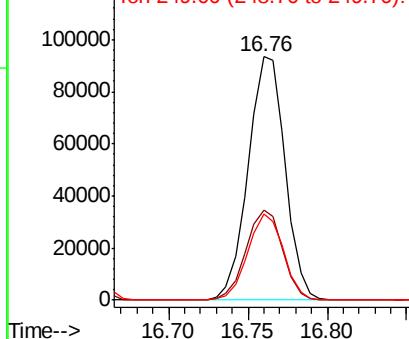


#68  
 Hexachlorobenzene  
 Concen: 42.629 ng  
 RT: 16.76 min Scan# 2293  
 Delta R.T. -0.01 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

Tgt Ion:284 Resp: 150889  
 Ion Ratio Lower Upper  
 284 100  
 142 37.2 28.1 42.1  
 249 37.6 29.8 44.8



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

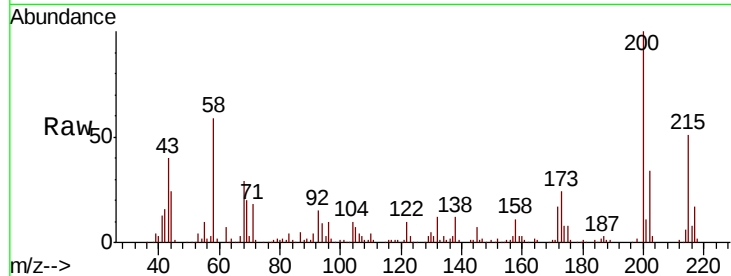




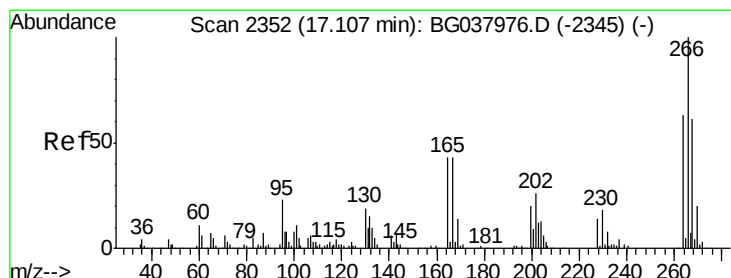
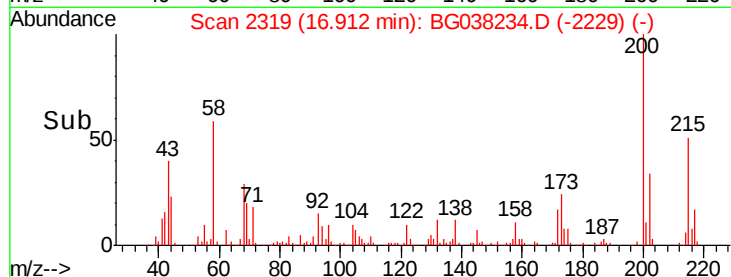
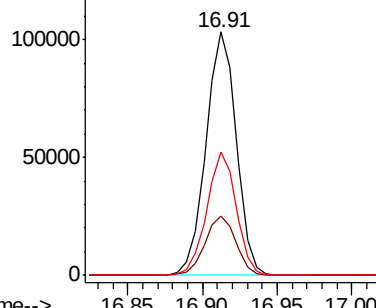
#69  
Atrazine  
Concen: 41.800 ng  
RT: 16.91 min Scan# 2319  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:200 Resp: 145642  
Ion Ratio Lower Upper  
200 100  
173 24.4 6.1 46.1  
215 50.7 30.8 70.8

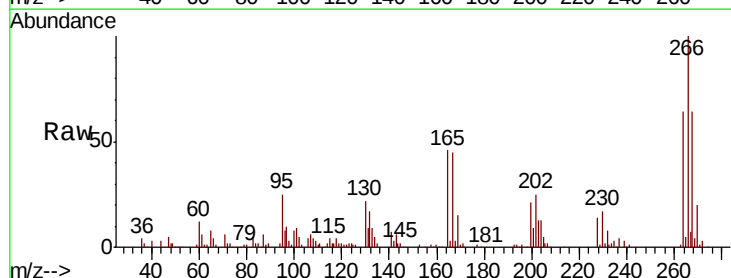


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

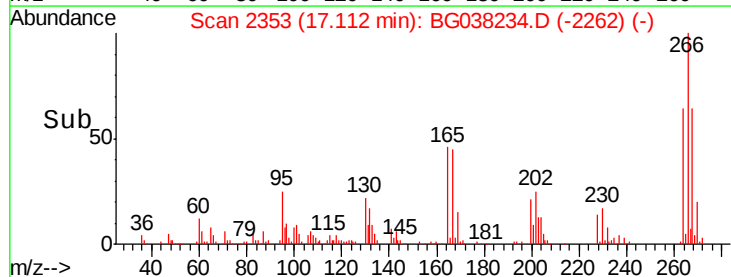
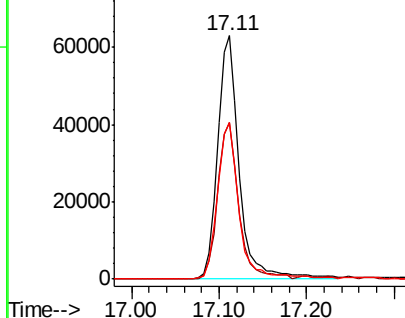


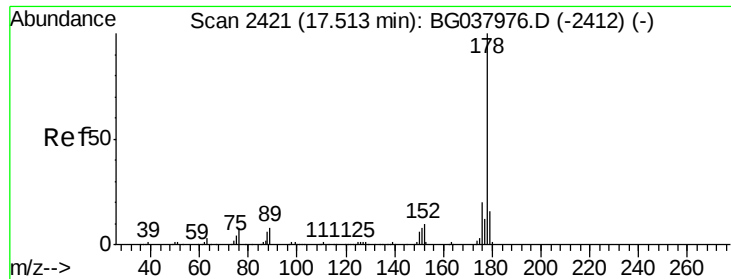
#70  
Pentachlorophenol  
Concen: 45.007 ng  
RT: 17.11 min Scan# 2353  
Delta R.T. 0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Tgt Ion:266 Resp: 108195  
Ion Ratio Lower Upper  
266 100  
268 68.6 55.0 82.6  
264 69.5 58.9 88.3



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

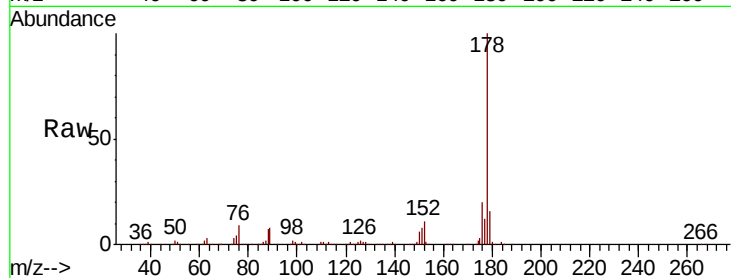




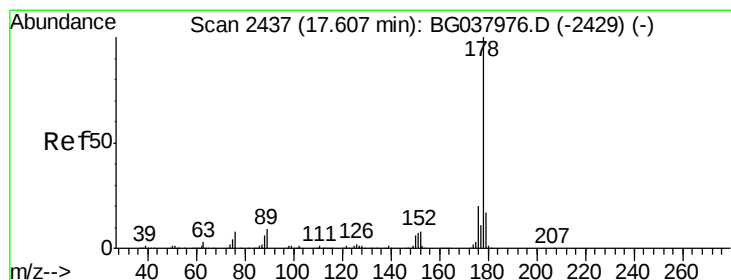
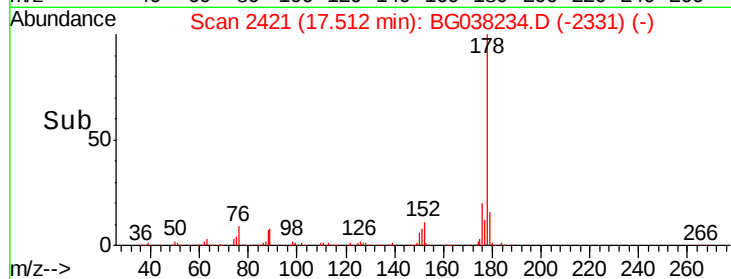
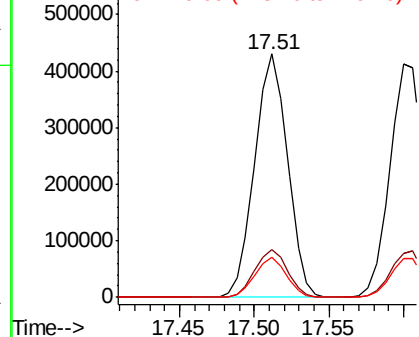
#71  
Phenanthrene  
Concen: 41.011 ng  
RT: 17.51 min Scan# 2421  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:178 Resp: 655998  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.1 24.1  
179 16.4 13.0 19.4

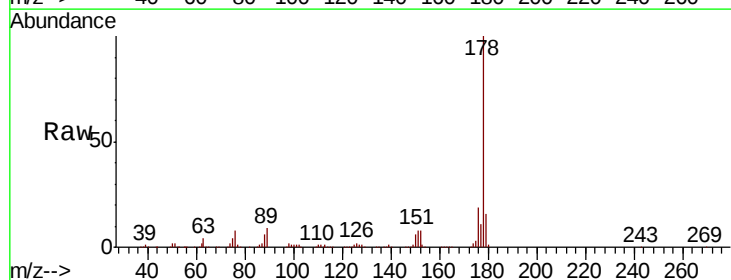


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

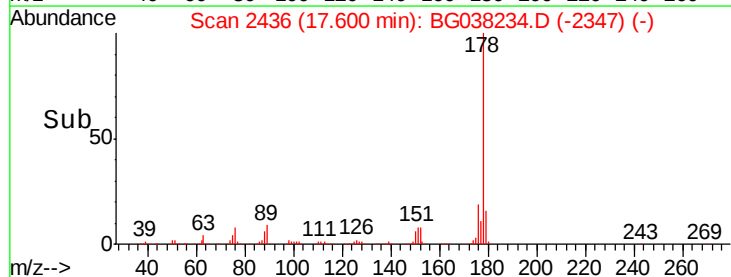
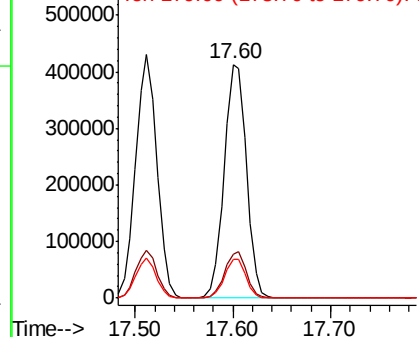


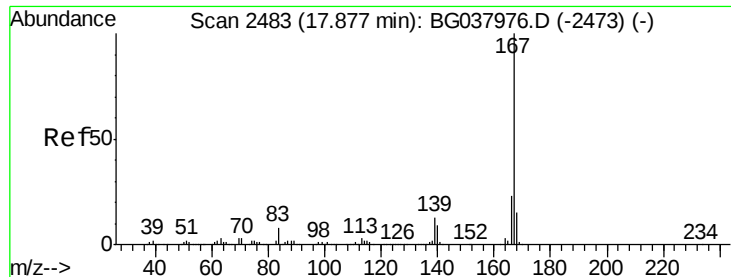
#72  
Anthracene  
Concen: 41.308 ng  
RT: 17.60 min Scan# 2436  
Delta R.T. -0.01 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Tgt Ion:178 Resp: 651330  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.4  
179 16.5 12.8 19.2



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

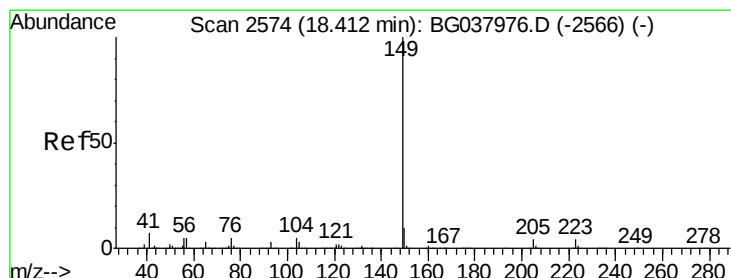
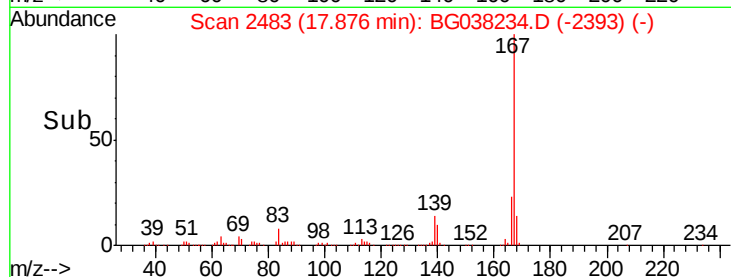
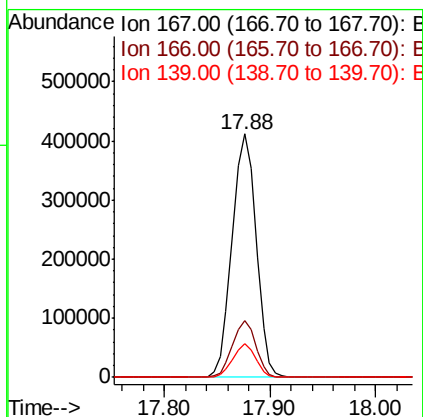
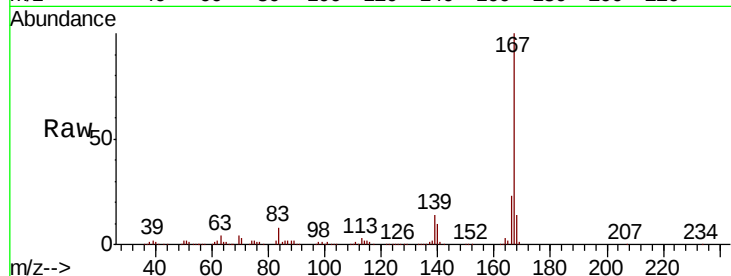




#73  
 Carbazole  
 Concen: 41.018 ng  
 RT: 17.88 min Scan# 2483  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

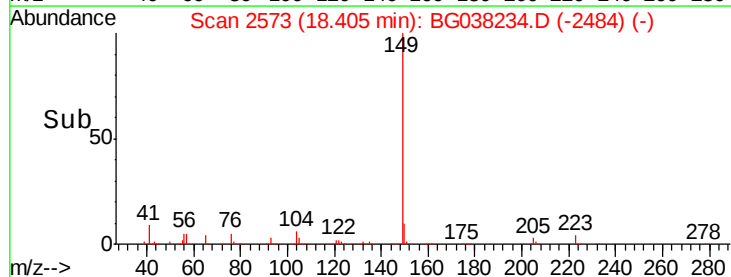
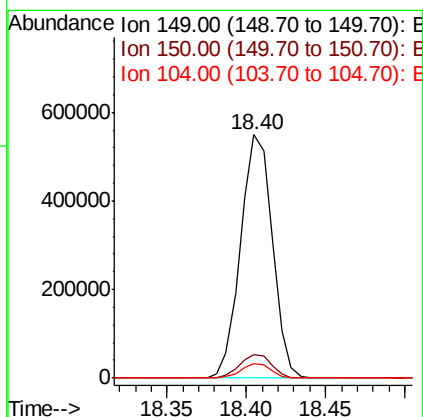
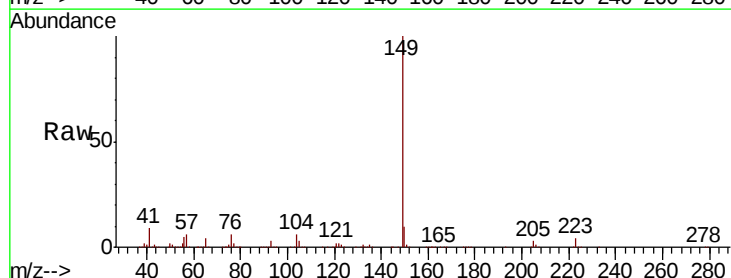
Instrument :  
 BNA\_F  
 ClientSampleId :

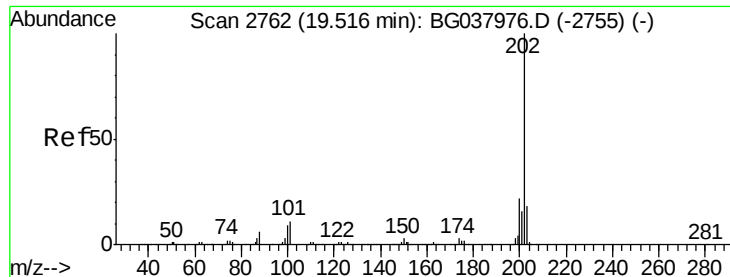
Tot Ion:167 Resp: 648881  
 Ion Ratio Lower Upper  
 167 100  
 166 23.1 18.3 27.5  
 139 13.6 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 43.068 ng  
 RT: 18.40 min Scan# 2573  
 Delta R.T. -0.01 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

Tgt Ion:149 Resp: 764798  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 8.2 12.2  
 104 5.8 4.0 6.0





#75

Fluoranthene

Concen: 41.519 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

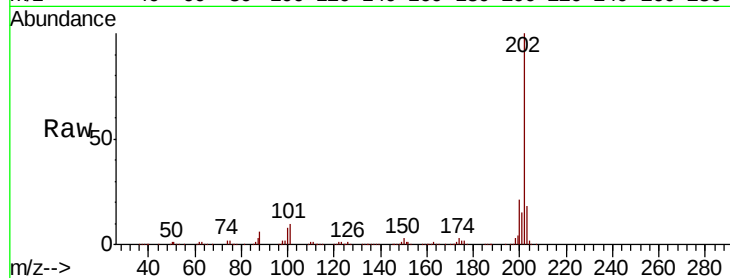
Tot Ion:202 Resp: 757728

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.7

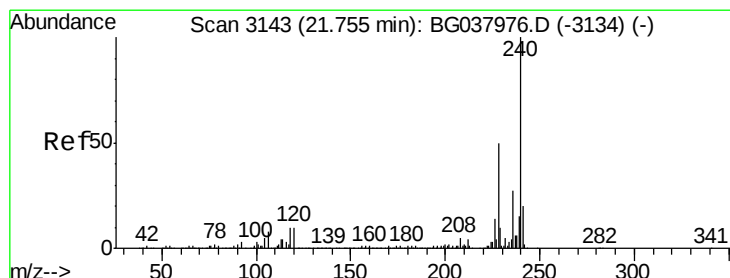
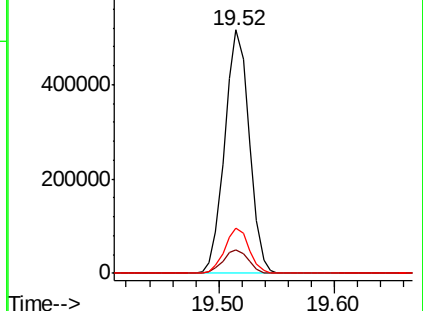
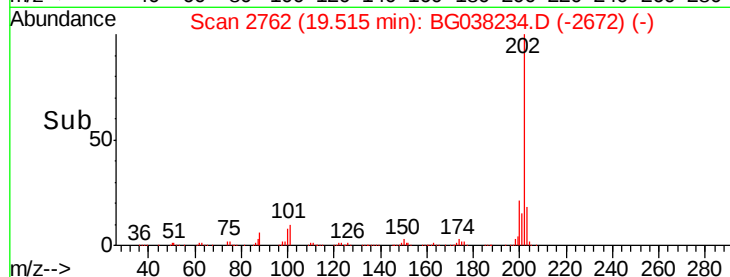
203 18.3 0.0 38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

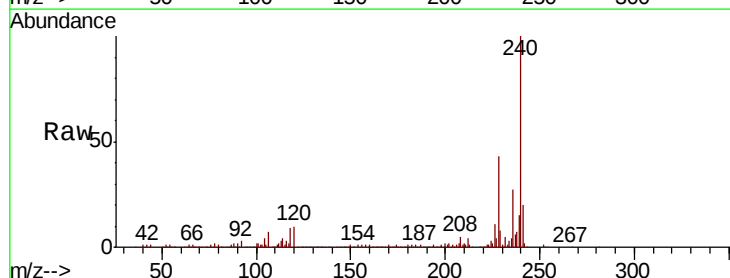
Tgt Ion:240 Resp: 286383

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

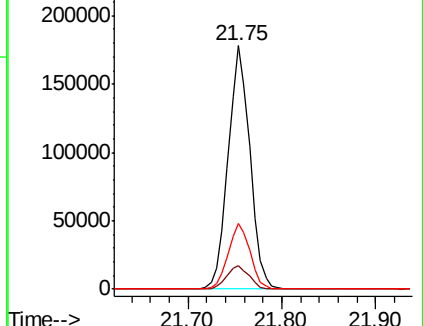
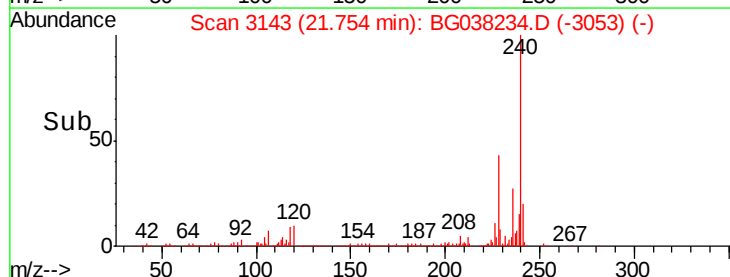
236 27.0 21.4 32.0

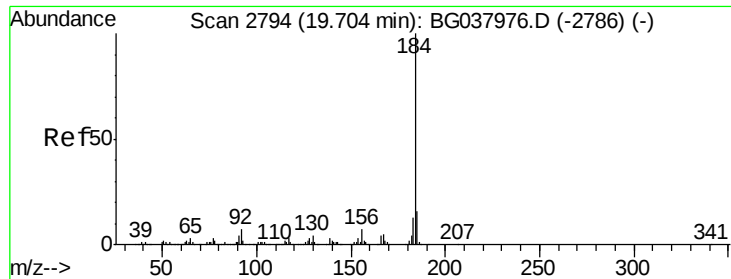


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.812 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

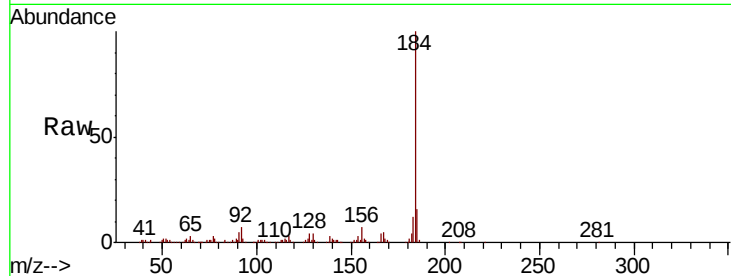
Tot Ion:184 Resp: 379974

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

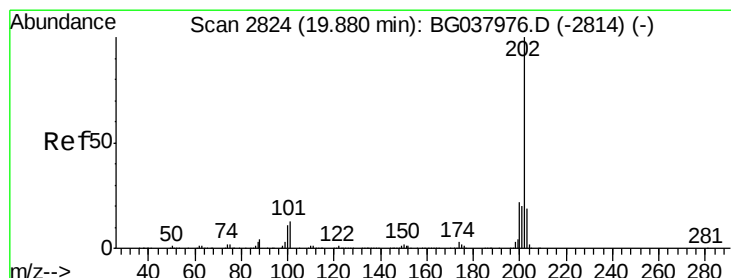
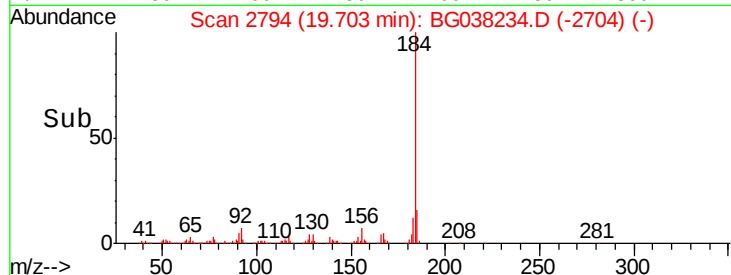
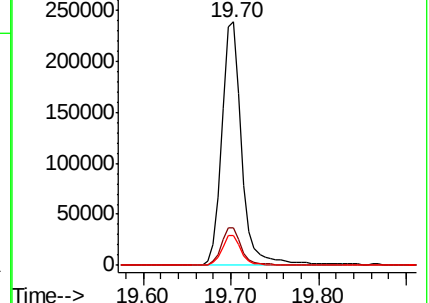
183 12.1 10.2 15.2



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



#78

Pyrene

Concen: 41.030 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

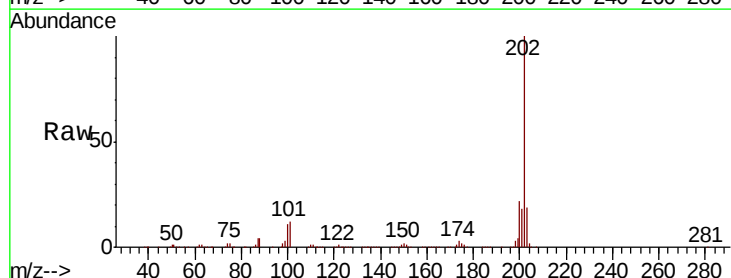
Tgt Ion:202 Resp: 768245

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

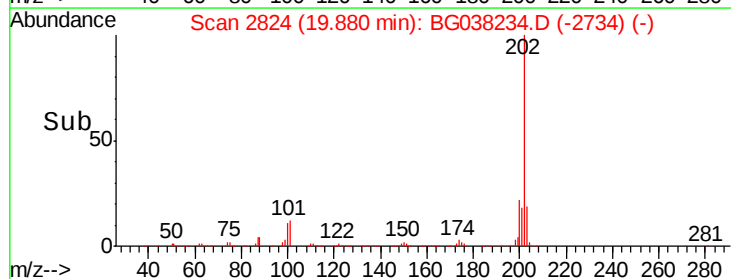
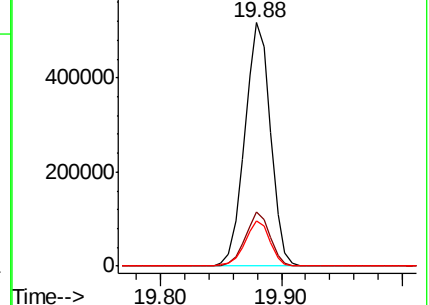
203 18.6 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.029 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

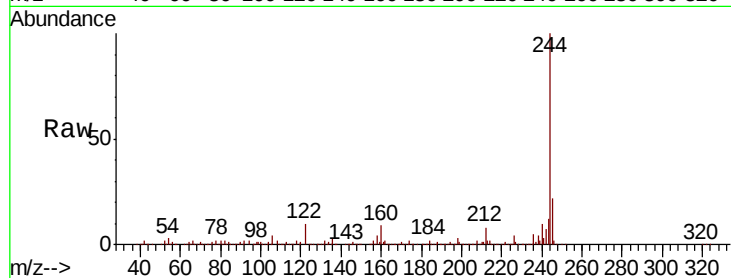
Tot Ion:244 Resp: 1010537

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

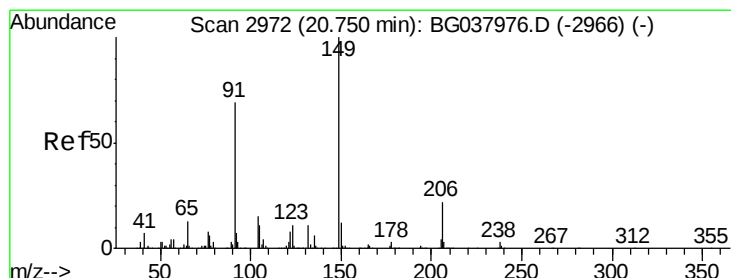
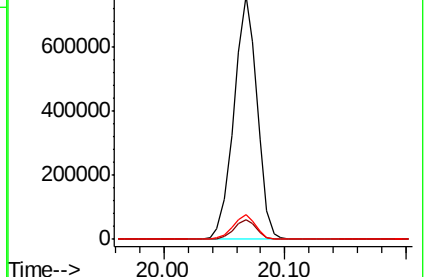
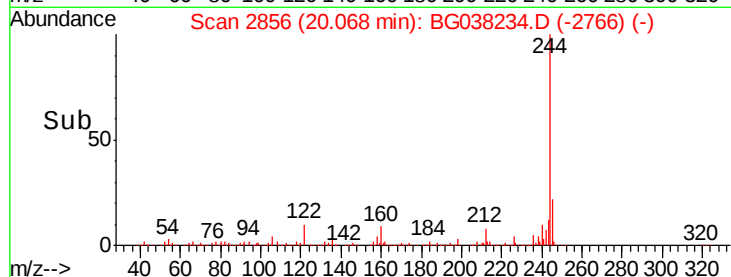
122 10.2 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 42.929 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

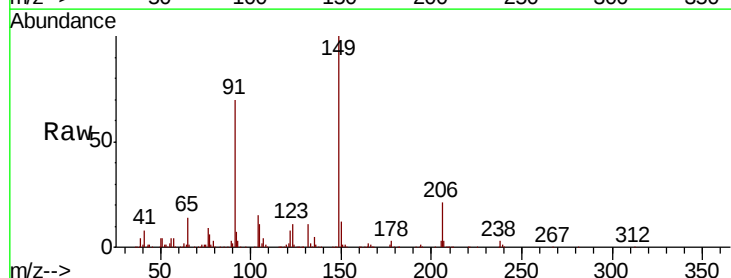
Tgt Ion:149 Resp: 351511

Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.4

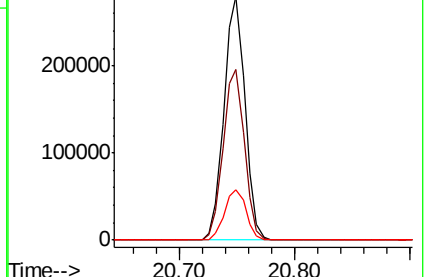
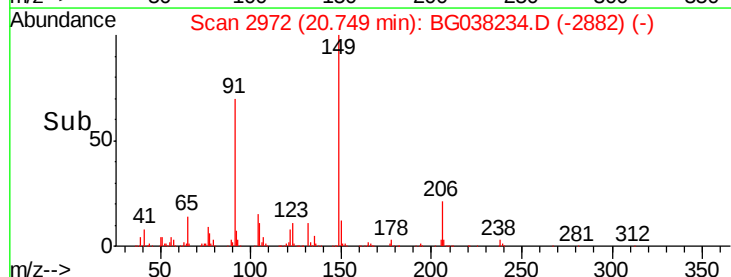
206 20.8 17.8 26.6

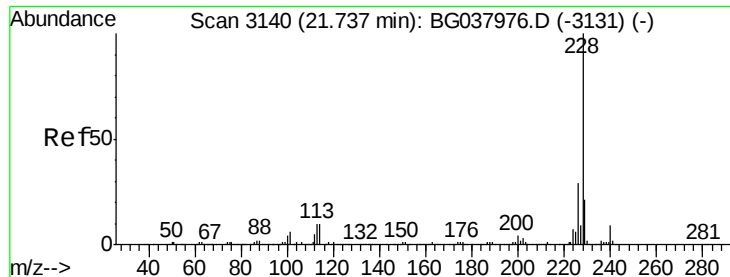


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.117 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

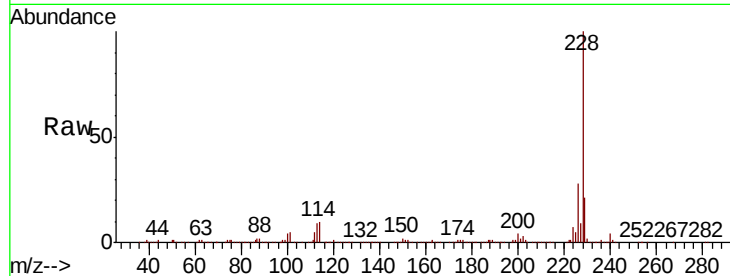
Tot Ion:228 Resp: 711581

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

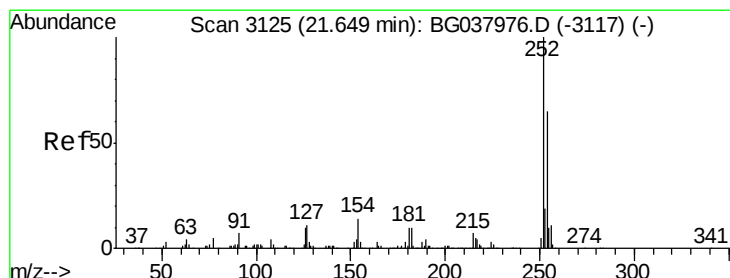
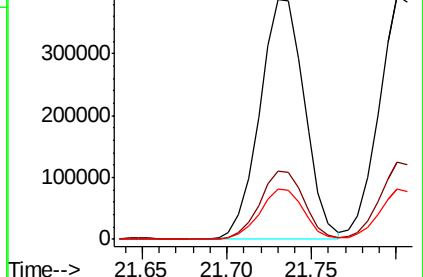
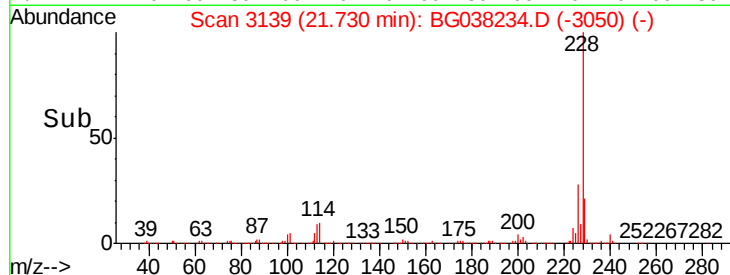
229 21.1 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 41.697 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

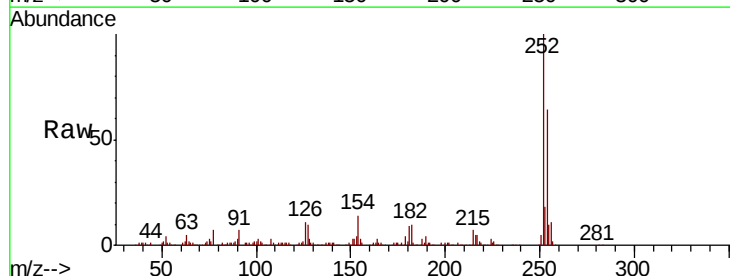
Tgt Ion:252 Resp: 281098

Ion Ratio Lower Upper

252 100

254 63.9 52.0 78.0

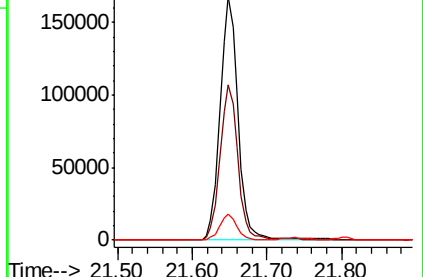
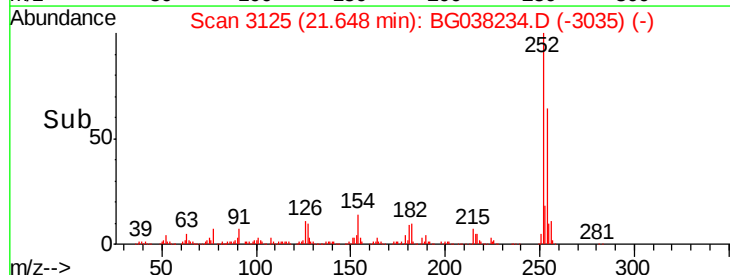
126 10.6 8.2 12.4

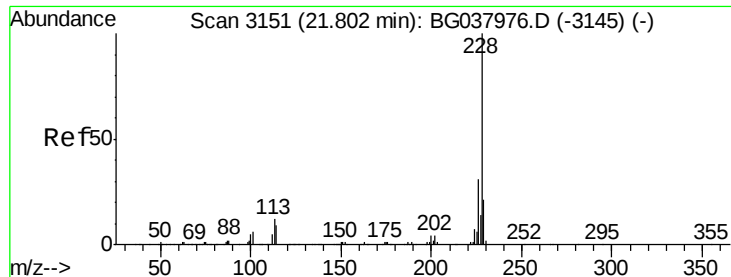


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

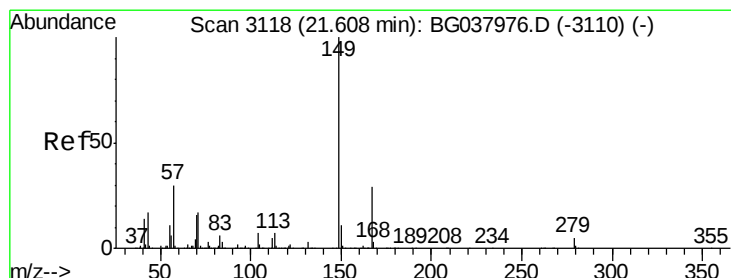
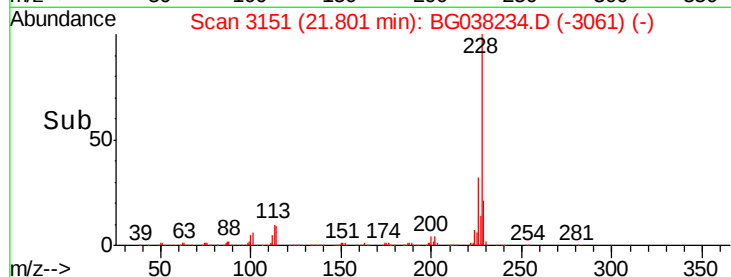
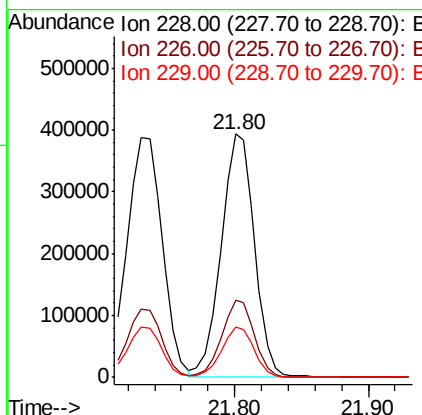
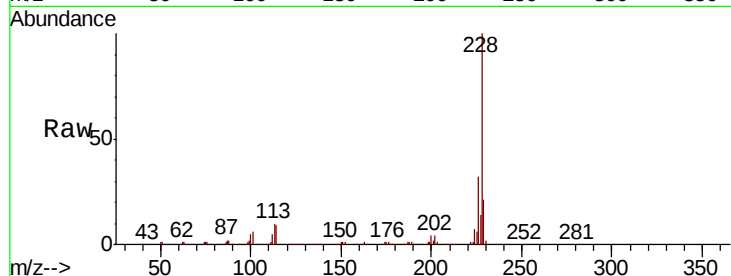




#83  
 Chrvsene  
 Concen: 41.161 ng  
 RT: 21.80 min Scan# 3151  
 Delta R.T. -0.00 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

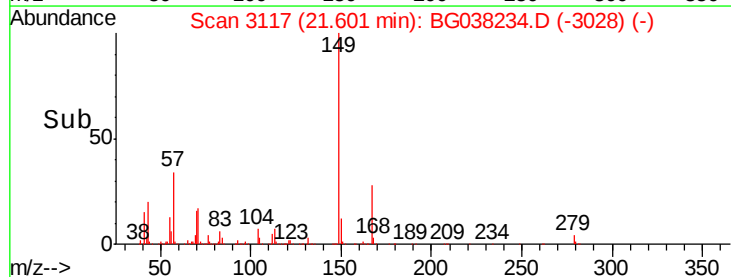
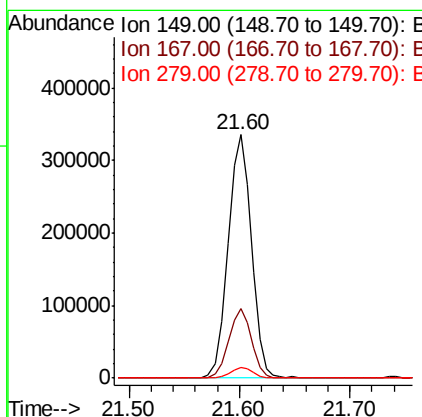
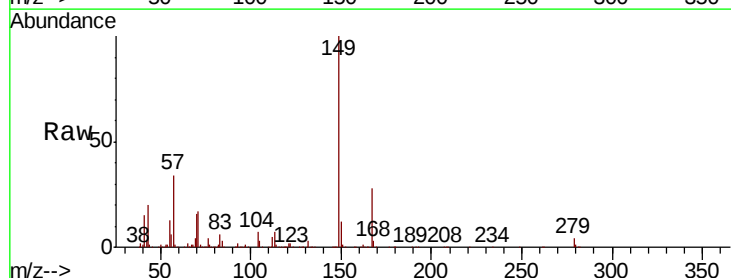
Instrument :  
 BNA\_F  
 ClientSampled :

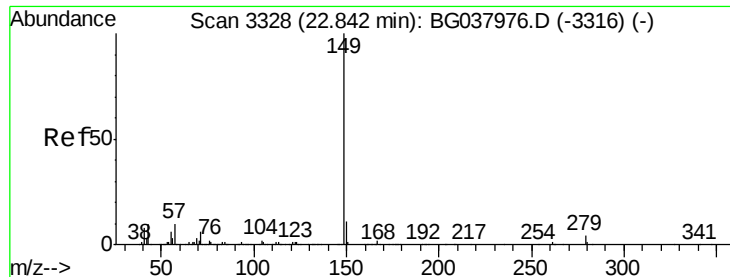
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 25.7  | 38.5  |
| 229     | 20.6  | 16.5  | 24.7  |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.471 ng  
 RT: 21.60 min Scan# 3117  
 Delta R.T. -0.01 min  
 Lab File: BG038234.D  
 Acq: 29 Nov 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.5  | 23.0  | 34.4  |
| 279     | 4.4   | 3.6   | 5.4   |

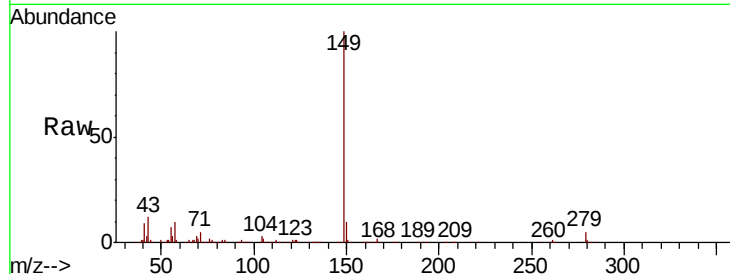




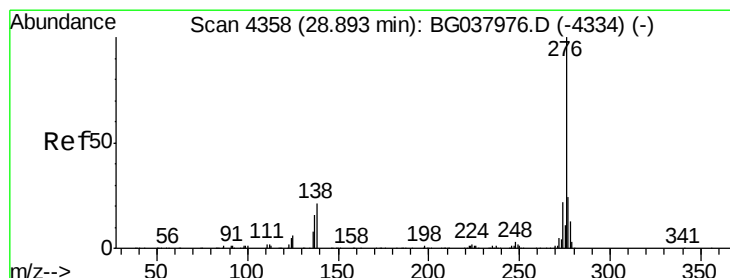
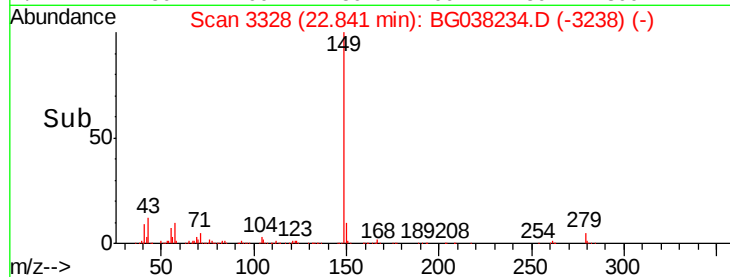
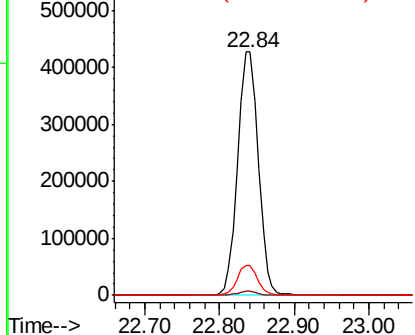
#85  
Di-n-octyl phthalate  
Concen: 43.586 ng  
RT: 22.84 min Scan# 3328  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 12.2  | 8.7   | 13.1  |

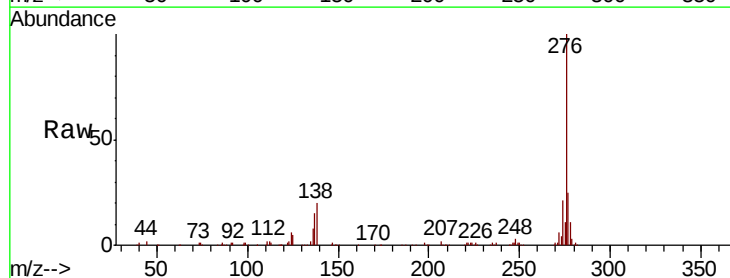


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): B

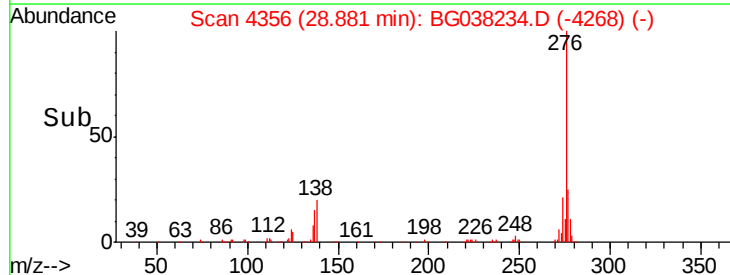
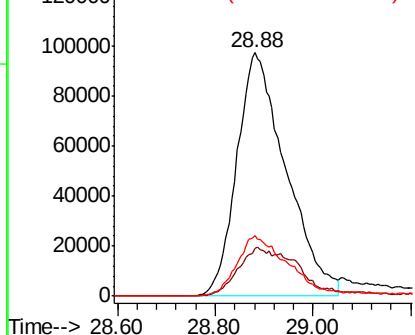


#86  
Indeno(1,2,3-cd)pyrene  
Concen: 37.086 ng  
RT: 28.88 min Scan# 4356  
Delta R.T. -0.01 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 13.8  | 12.0  | 18.0  |
| 277     | 25.7  | 20.6  | 30.8  |



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

Instrument :

BNA\_F

ClientSampleId :

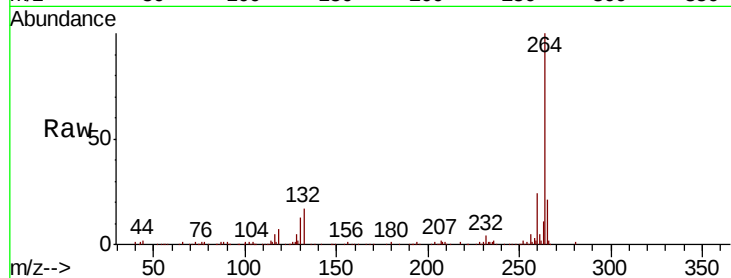
Tot Ion:264 Resp: 303836

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 21.4 17.9 26.9

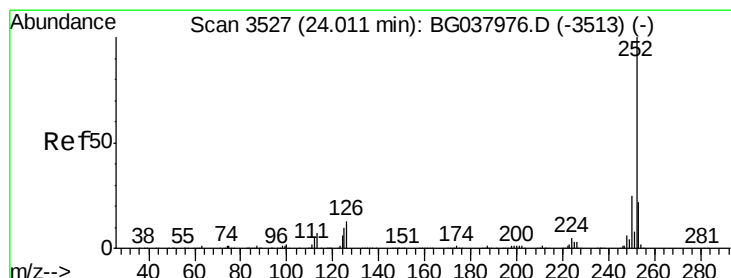
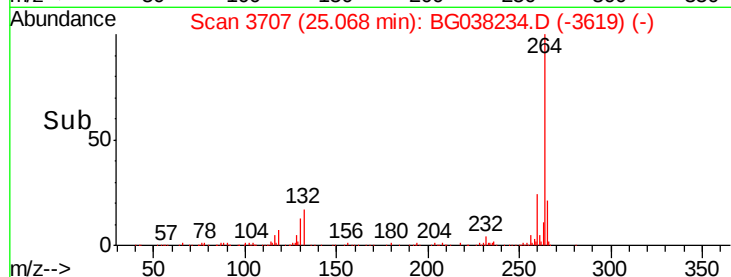
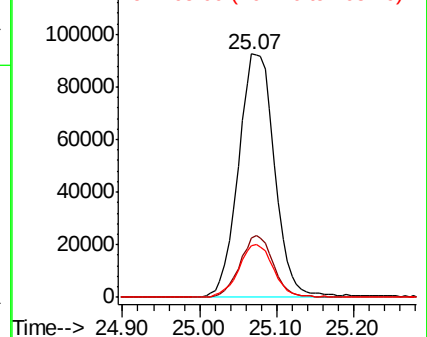


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.781 ng

RT: 24.02 min Scan# 3528

Delta R.T. 0.00 min

Lab File: BG038234.D

Acq: 29 Nov 2018 15:44

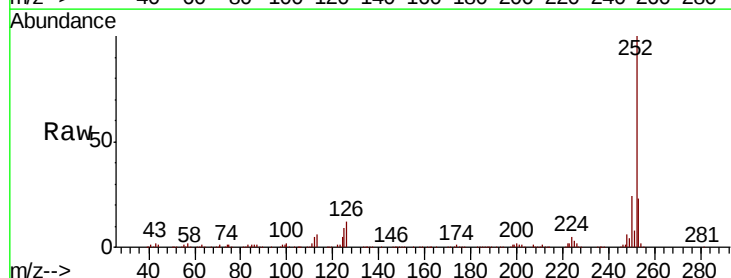
Tgt Ion:252 Resp: 698588

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 8.9 7.8 11.6

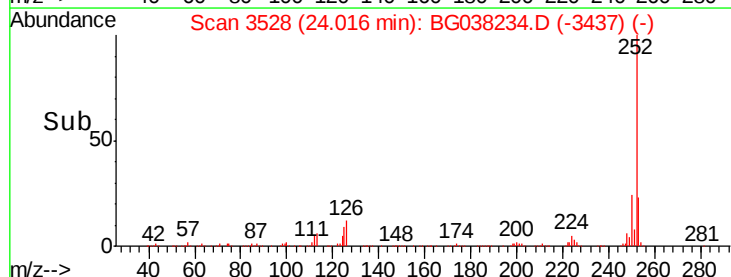
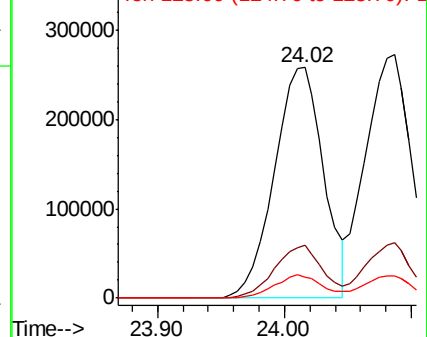


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

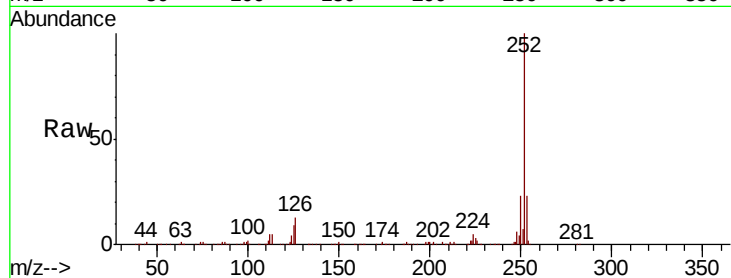




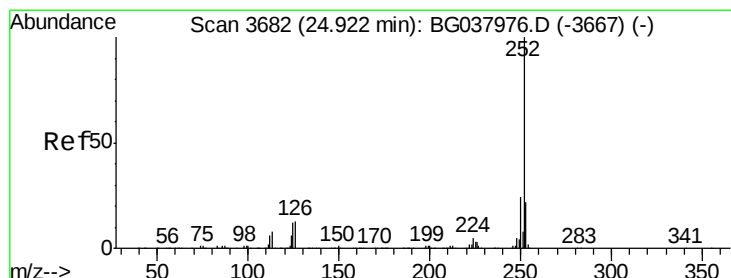
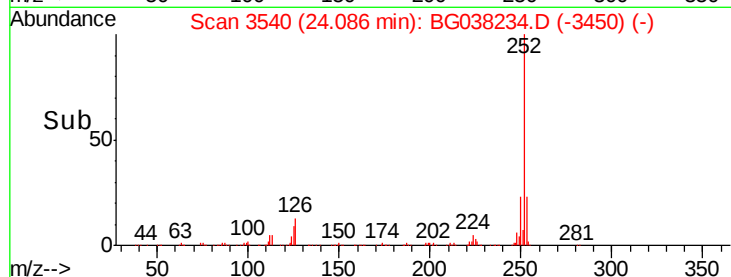
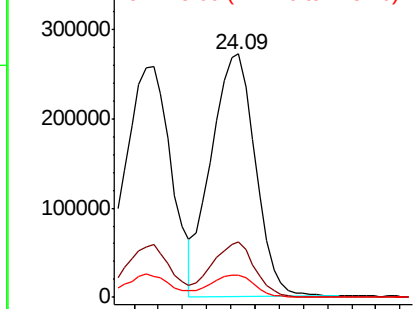
#89  
Benzo(k)fluoranthene  
Concen: 41.684 ng  
RT: 24.09 min Scan# 3540  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 687724  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.4 26.2  
125 9.3 7.4 11.0

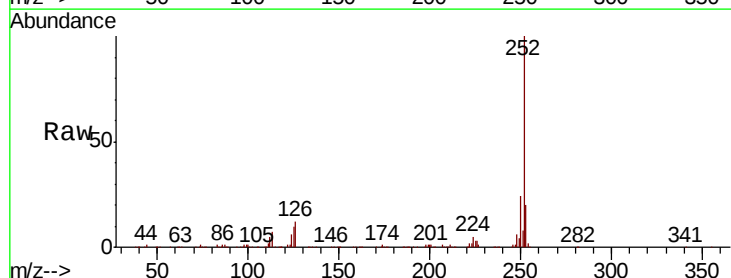


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

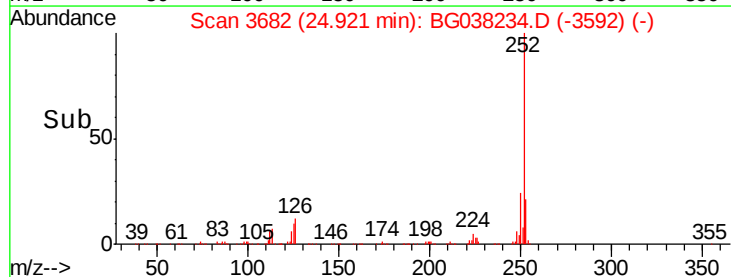
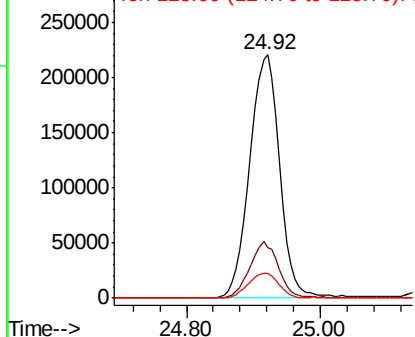


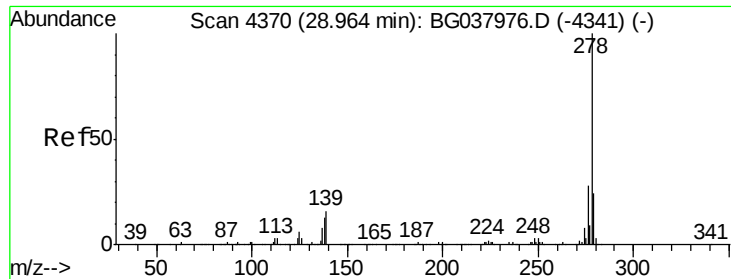
#90  
Benzo(a)pyrene  
Concen: 42.547 ng  
RT: 24.92 min Scan# 3682  
Delta R.T. -0.00 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Tgt Ion:252 Resp: 679866  
Ion Ratio Lower Upper  
252 100  
253 20.5 17.4 26.2  
125 10.3 9.0 13.6



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

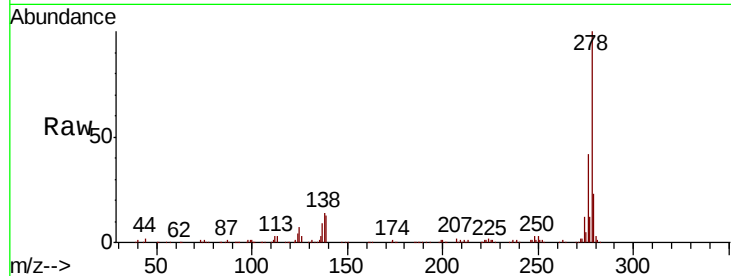




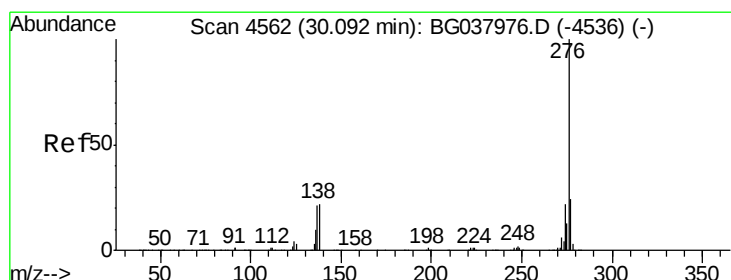
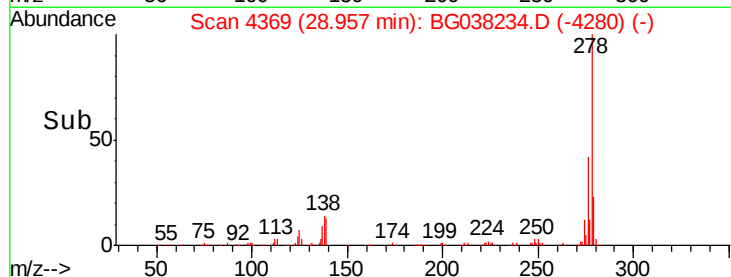
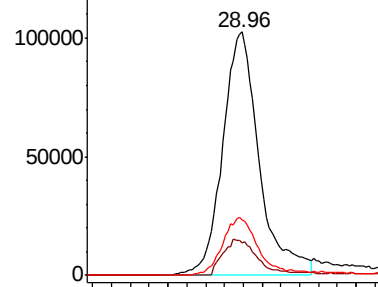
#91  
Dibenzo(a,h)anthracene  
Concen: 36.141 ng  
RT: 28.96 min Scan# 4369  
Delta R.T. -0.01 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.3  | 11.5  | 17.3  |
| 279     | 22.8  | 18.6  | 27.8  |

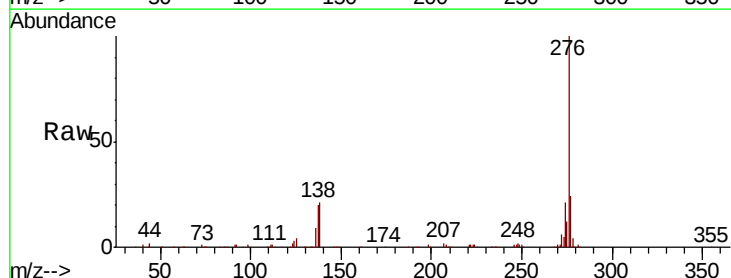


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 37.113 ng  
RT: 30.09 min Scan# 4561  
Delta R.T. -0.01 min  
Lab File: BG038234.D  
Acq: 29 Nov 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 18.9  | 28.3  |
| 138     | 20.7  | 17.2  | 25.8  |



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

