

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\  
 Data File : BG037436.D  
 Acq On : 19 Oct 2018 1:46  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Oct 19 07:03:21 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 58391    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.93 | 136  | 335822   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.74 | 164  | 305188   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.49 | 188  | 738130   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.78 | 240  | 661547   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.12 | 264  | 707128   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 275882  | 78.99 | ng | 0.00 |
| 7) Phenol-d6             | 7.25  | 99  | 504554  | 95.54 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.29  | 82  | 465080  | 77.58 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.23 | 330 | 290634  | 87.31 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.37 | 172 | 1451021 | 71.70 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.09 | 244 | 2188522 | 70.69 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 70563  | 39.839 | ng | 93     |
| 3) Pyridine                    | 3.94  | 79  | 186687 | 41.819 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.86  | 42  | 62584  | 39.359 | ng | # 92   |
| 6) Aniline                     | 7.44  | 93  | 300788 | 46.686 | ng | 97     |
| 8) 2-Chlorophenol              | 7.66  | 128 | 168501 | 41.241 | ng | 99     |
| 9) Benzaldehyde                | 7.25  | 77  | 132392 | 40.075 | ng | 90     |
| 10) Phenol                     | 7.28  | 94  | 266324 | 47.795 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93  | 172757 | 40.820 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146 | 177255 | 38.969 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146 | 179899 | 38.665 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146 | 175782 | 39.274 | ng | 99     |
| 15) Benzyl Alcohol             | 8.35  | 79  | 222294 | 56.965 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63  | 45  | 322314 | 42.564 | ng | 97     |
| 17) 2-Methylphenol             | 8.54  | 107 | 195475 | 53.062 | ng | 99     |
| 18) Hexachloroethane           | 9.19  | 117 | 63337  | 39.929 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70  | 222781 | 61.259 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.87  | 107 | 310299 | 58.914 | ng | 100    |
| 22) Acetophenone               | 8.94  | 105 | 347992 | 41.318 | ng | # 97   |
| 24) Nitrobenzene               | 9.33  | 77  | 240397 | 38.601 | ng | 95     |
| 25) Isophorone                 | 9.85  | 82  | 589585 | 53.826 | ng | 97     |
| 26) 2-Nitrophenol              | 10.04 | 139 | 126378 | 45.046 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 10.08 | 122 | 251468 | 50.201 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93  | 339533 | 47.312 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.57 | 162 | 278409 | 49.918 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.78 | 180 | 222139 | 36.626 | ng | 97     |
| 31) Naphthalene                | 10.98 | 128 | 644097 | 39.049 | ng | 100    |
| 32) Benzoic acid               | 10.24 | 122 | 243048 | 74.703 | ng | 96     |
| 33) 4-Chloroaniline            | 11.09 | 127 | 393728 | 50.802 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.24 | 225 | 123905 | 34.469 | ng | 99     |
| 35) Caprolactam                | 11.90 | 113 | 136346 | 60.955 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.19 | 107 | 353114 | 56.140 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.58 | 142 | 585720 | 48.713 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.80 | 142 | 574862 | 49.230 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 360280 | 36.599 | ng | 99     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

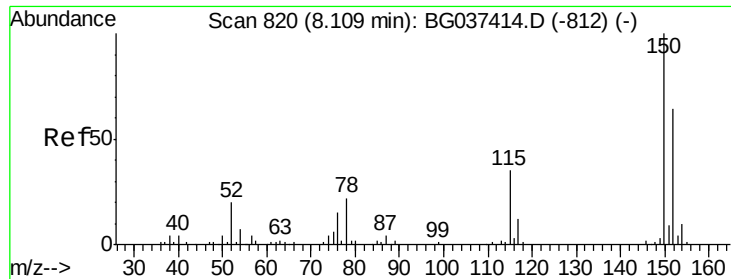
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Oct 19 07:03:21 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
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 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.91 | 237  | 149825   | 31.863 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.18 | 196  | 273184   | 41.539 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.25 | 196  | 295591   | 41.281 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.58 | 154  | 945236   | 37.398 | ng    | 96       |
| 47) 2-Chloronaphthalene        | 13.63 | 162  | 709247   | 37.092 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.83 | 65   | 252139   | 43.483 | ng    | 94       |
| 49) Acenaphthylene             | 14.47 | 152  | 1114498  | 38.746 | ng    | 98       |
| 50) Dimethylphthalate          | 14.20 | 163  | 949230   | 40.205 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.32 | 165  | 224206   | 42.927 | ng    | 95       |
| 52) Acenaphthene               | 14.81 | 154  | 685639   | 38.704 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.66 | 138  | 244621   | 42.189 | ng    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.86 | 184  | 88498    | 50.794 | ng    | 91       |
| 55) Dibenzofuran               | 15.14 | 168  | 1124350  | 38.308 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.94 | 139  | 192623   | 44.881 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.11 | 165  | 308009   | 44.925 | ng    | 95       |
| 58) Fluorene                   | 15.79 | 166  | 855194   | 38.909 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 261227   | 42.609 | ng    | 99       |
| 60) Diethylphthalate           | 15.55 | 149  | 985076   | 40.640 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.78 | 204  | 508693   | 39.708 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.83 | 138  | 248305   | 43.097 | ng    | 94       |
| 63) Azobenzene                 | 16.07 | 77   | 911072   | 39.394 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.87 | 198  | 166480   | 43.870 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 16.00 | 169  | 858313   | 38.657 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.67 | 248  | 325587   | 40.167 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.78 | 284  | 330388   | 39.327 | ng    | 96       |
| 69) Atrazine                   | 16.94 | 200  | 234197   | 29.174 | ng    | 99       |
| 70) Pentachlorophenol          | 17.12 | 266  | 249087   | 44.264 | ng    | 95       |
| 71) Phenanthrene               | 17.54 | 178  | 1401883  | 37.369 | ng    | 96       |
| 72) Anthracene                 | 17.62 | 178  | 1394995  | 37.892 | ng    | 96       |
| 73) Carbazole                  | 17.89 | 167  | 1425256  | 38.703 | ng    | 96       |
| 74) Di-n-butylphthalate        | 18.43 | 149  | 1590820  | 38.833 | ng    | 98       |
| 75) Fluoranthene               | 19.53 | 202  | 1624611  | 38.183 | ng    | 95       |
| 77) Benzidine                  | 19.72 | 184  | 515679   | 22.925 | ng    | 97       |
| 78) Pyrene                     | 19.90 | 202  | 1645010  | 38.038 | ng    | 95       |
| 80) Butylbenzylphthalate       | 20.77 | 149  | 740880   | 41.860 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.75 | 228  | 1528438  | 39.061 | ng    | 94       |
| 82) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 579094   | 38.181 | ng    | 97       |
| 83) Chrysene                   | 21.82 | 228  | 1451650  | 38.581 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 1033491  | 41.658 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.88 | 149  | 1704286  | 42.128 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.96 | 276  | 1706153  | 42.277 | ng    | # 90     |
| 88) Benzo(b)fluoranthene       | 24.05 | 252  | 1520827  | 39.230 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 24.12 | 252  | 1486640  | 39.141 | ng    | 95       |
| 90) Benzo(a)pyrene             | 24.96 | 252  | 1469968  | 39.904 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 29.02 | 278  | 1385964  | 40.787 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.16 | 276  | 1394209  | 40.555 | ng    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

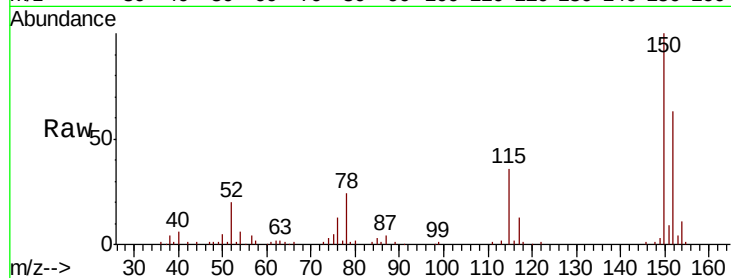
Tot Ion:152 Resp: 58391

Ion Ratio Lower Upper

152 100

150 158.2 126.0 189.0

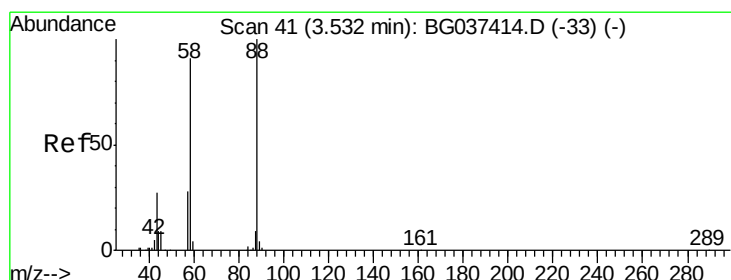
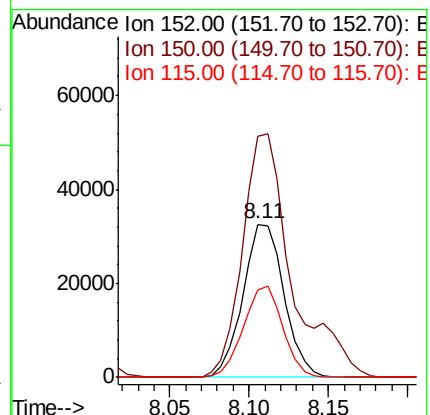
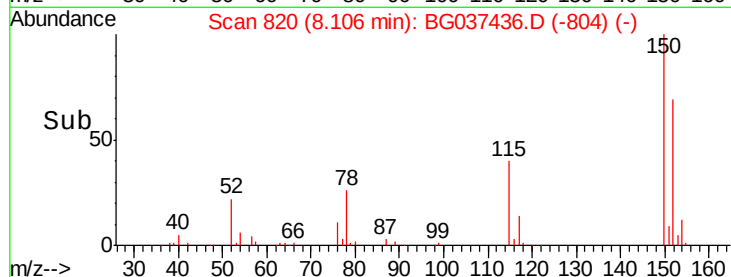
115 57.2 45.5 68.3



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: 39.839 ng

RT: 3.53 min Scan# 42

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

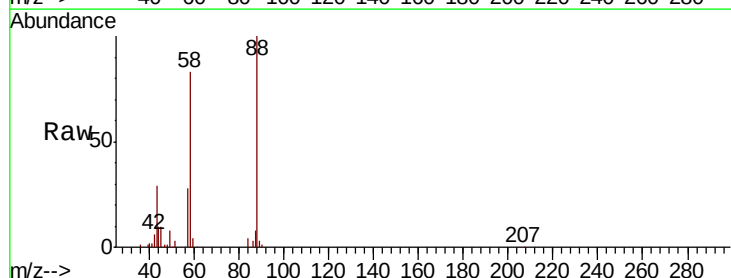
Tgt Ion: 88 Resp: 70563

Ion Ratio Lower Upper

88 100

58 86.2 74.4 111.6

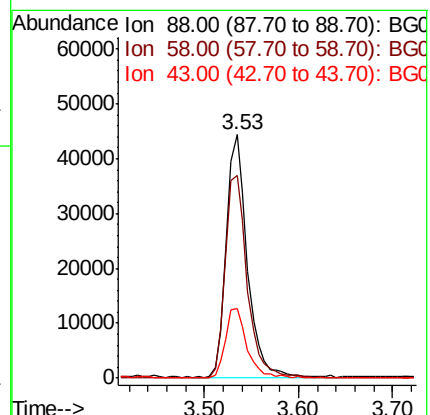
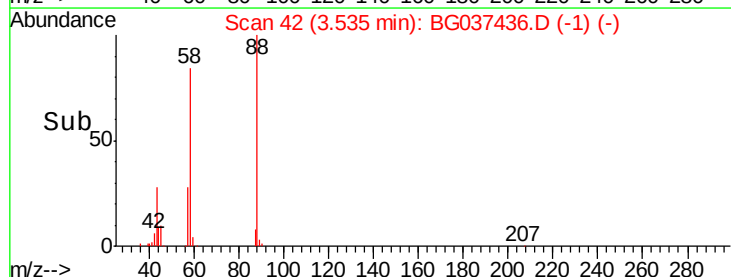
43 28.7 25.8 38.8

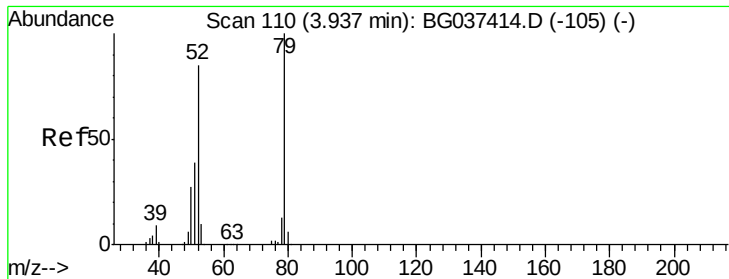


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.819 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

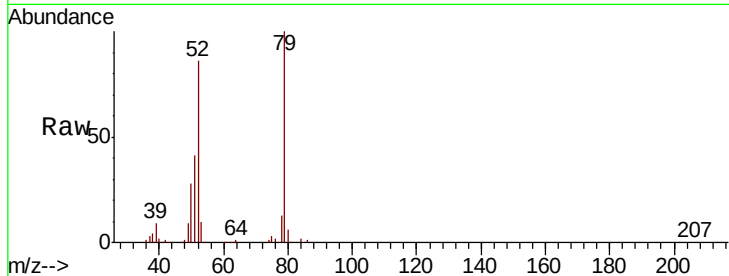
Tot Ion: 79 Resp: 186687

Ion Ratio Lower Upper

79 100

52 85.6 74.2 111.2

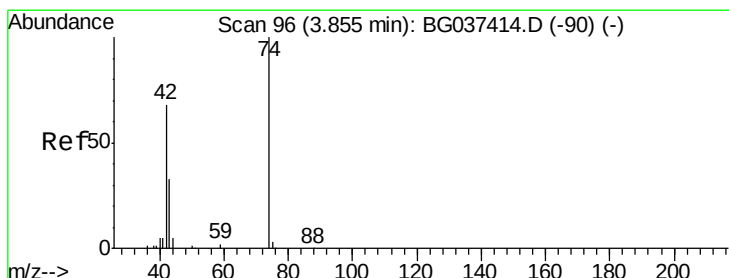
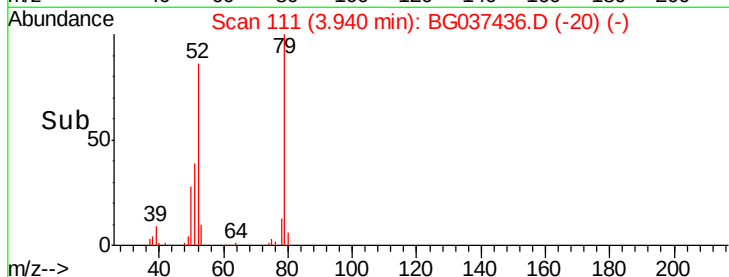
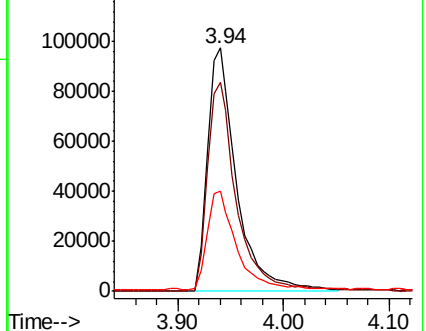
51 40.9 34.6 51.8



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: 39.359 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

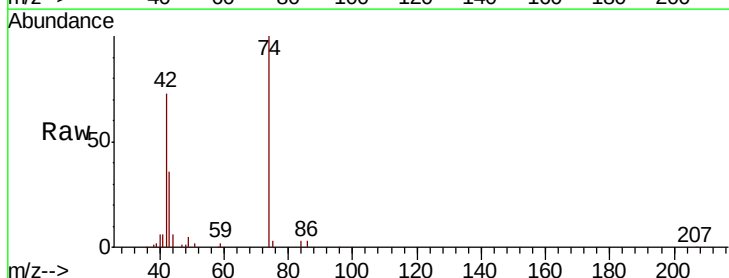
Tgt Ion: 42 Resp: 62584

Ion Ratio Lower Upper

42 100

74 137.2 102.0 153.0

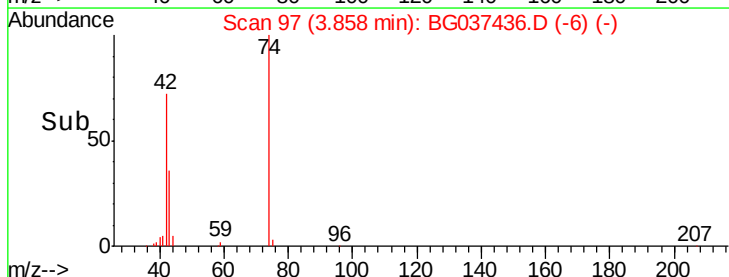
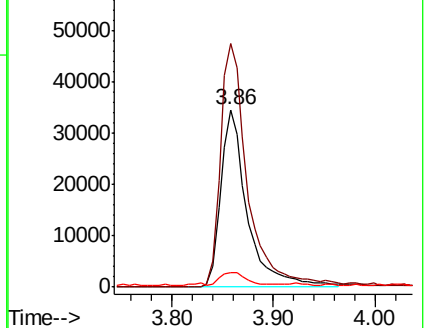
44 8.3 9.6 14.4#

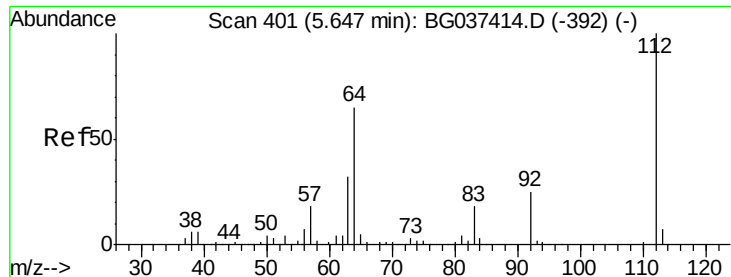


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 78.991 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

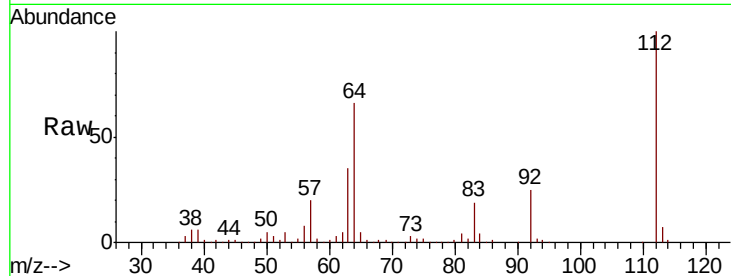
Tot Ion: 112 Resp: 275882

Ion Ratio Lower Upper

112 100

64 66.2 53.1 79.7

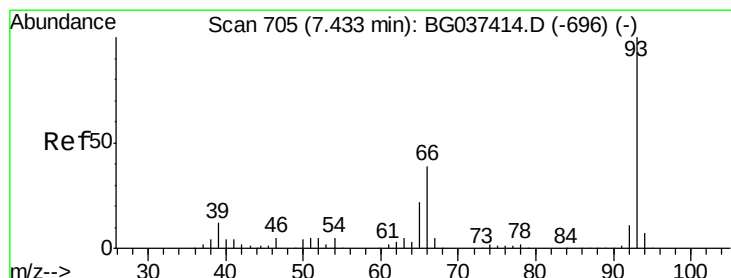
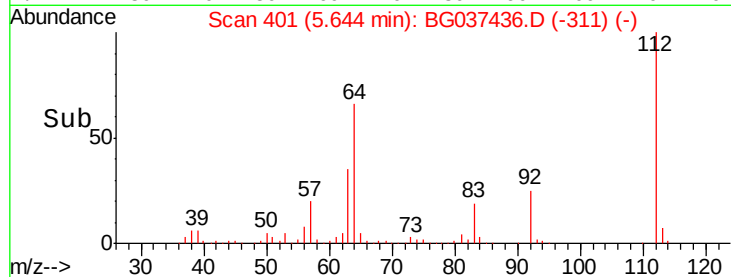
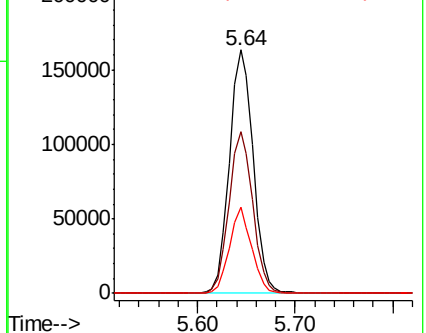
63 35.2 27.3 40.9



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: 46.686 ng

RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

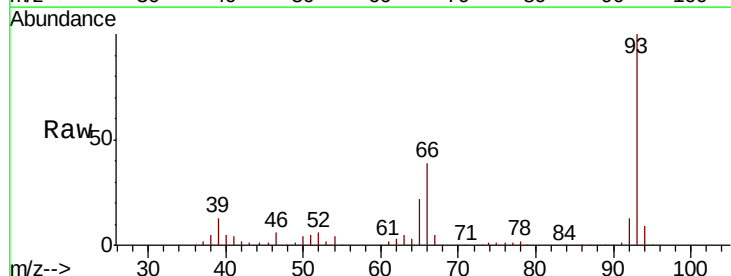
Tgt Ion: 93 Resp: 300788

Ion Ratio Lower Upper

93 100

66 39.1 32.8 49.2

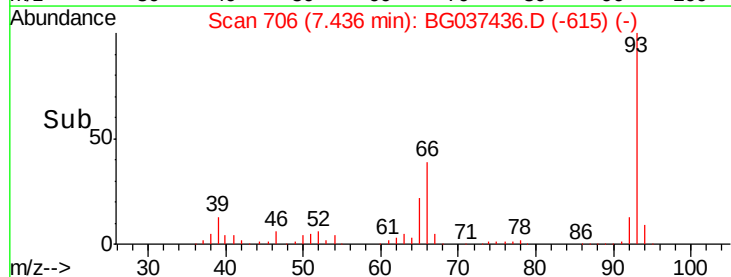
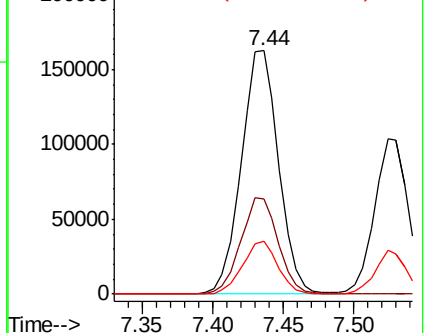
65 21.6 16.4 24.6

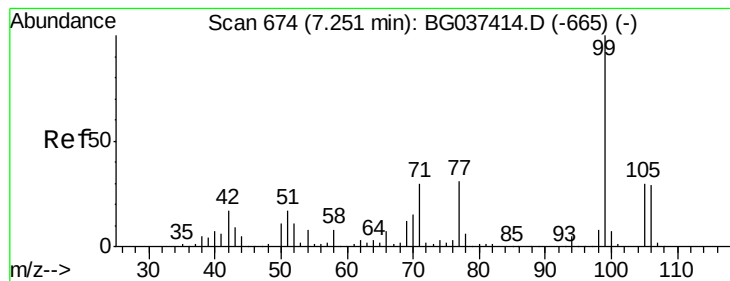


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.537 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

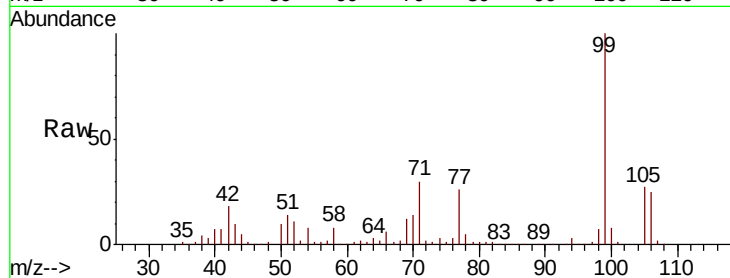
Tot Ion: 99 Resp: 504554

Ion Ratio Lower Upper

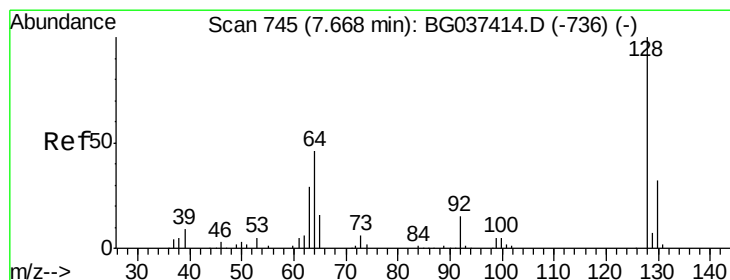
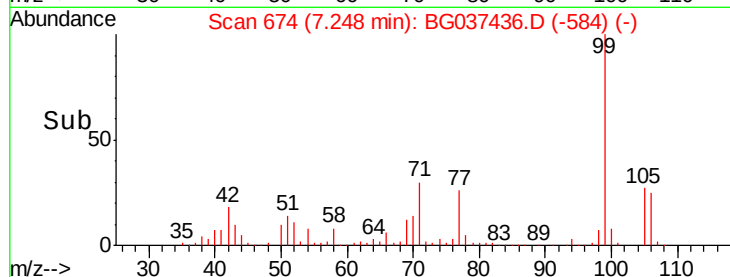
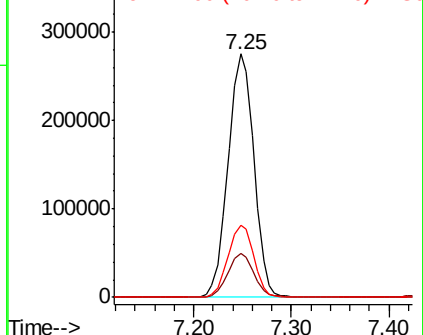
99 100

42 18.1 15.0 22.4

71 29.6 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: 41.241 ng

RT: 7.66 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

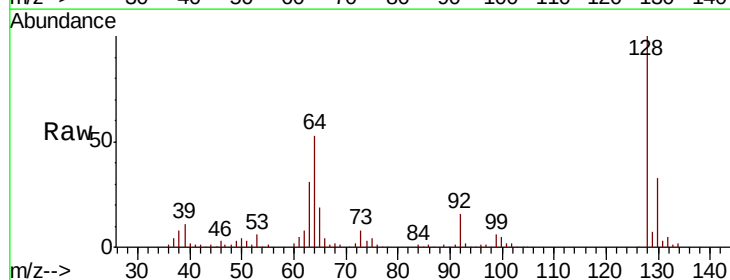
Tgt Ion: 128 Resp: 168501

Ion Ratio Lower Upper

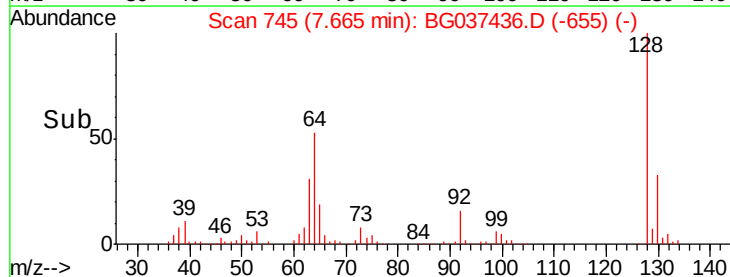
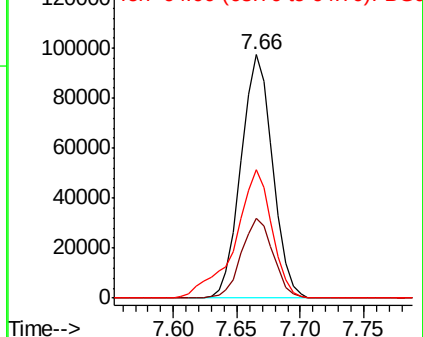
128 100

130 32.7 12.0 52.0

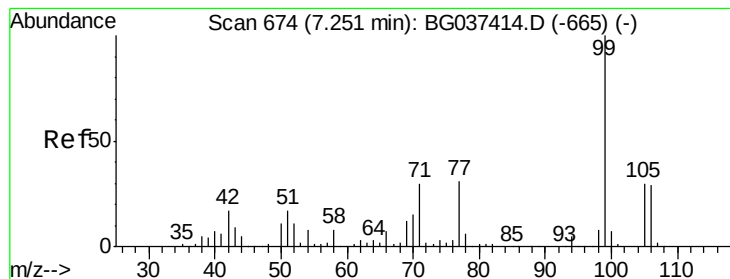
64 52.8 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 40.075 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

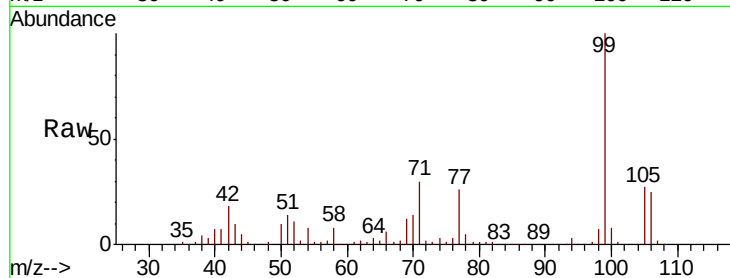
Tot Ion: 77 Resp: 132392

Ion Ratio Lower Upper

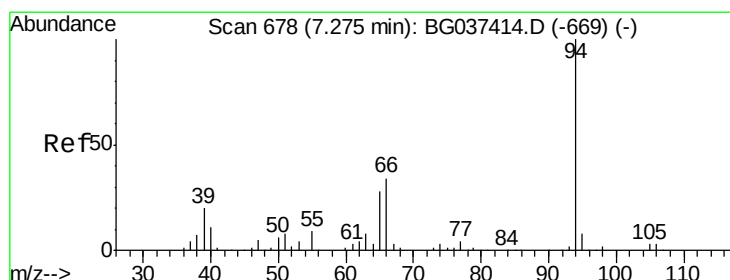
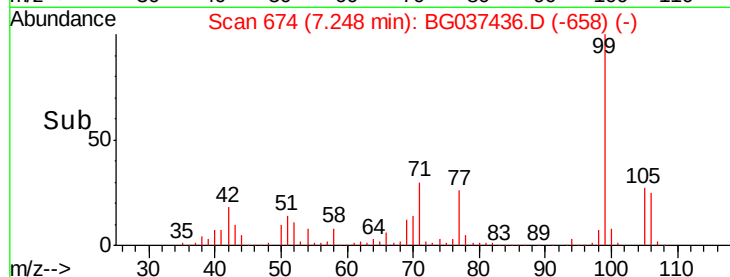
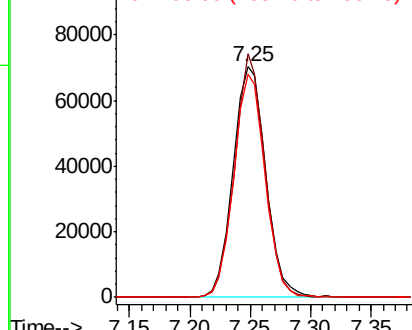
77 100

105 105.6 72.6 112.6

106 97.0 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: 47.795 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

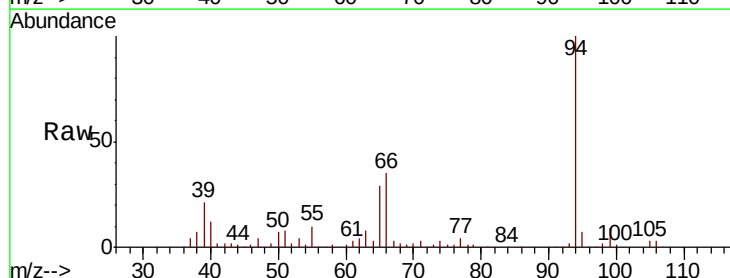
Tgt Ion: 94 Resp: 266324

Ion Ratio Lower Upper

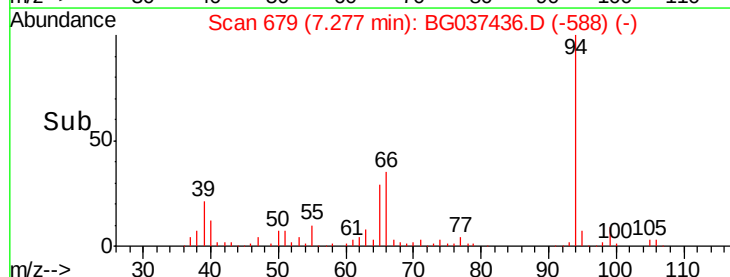
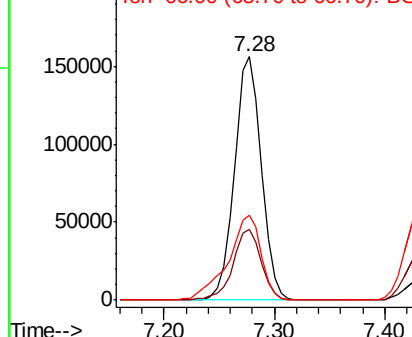
94 100

65 29.2 9.7 49.7

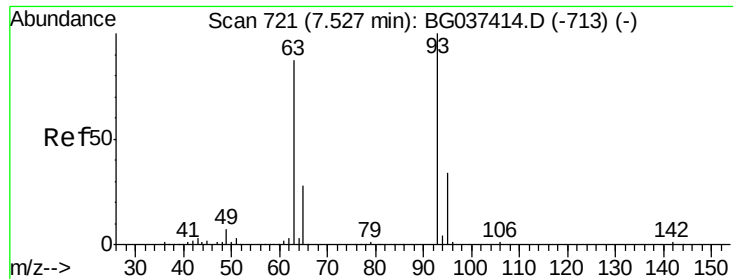
66 34.7 15.9 55.9



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



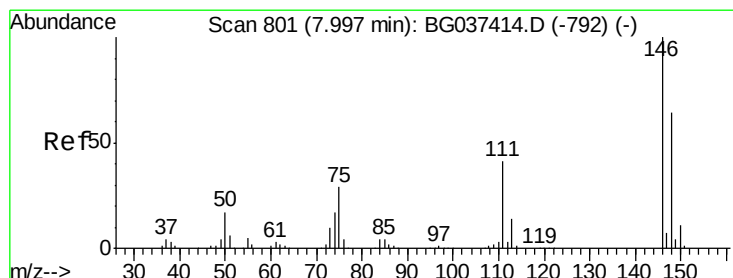
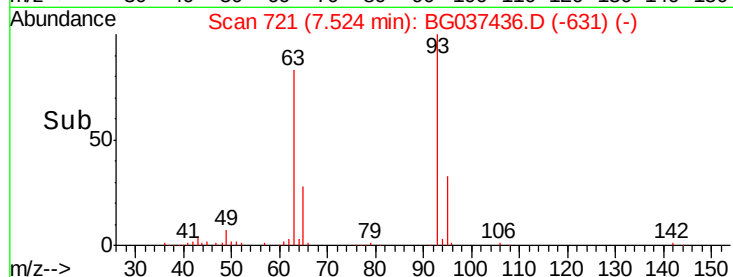
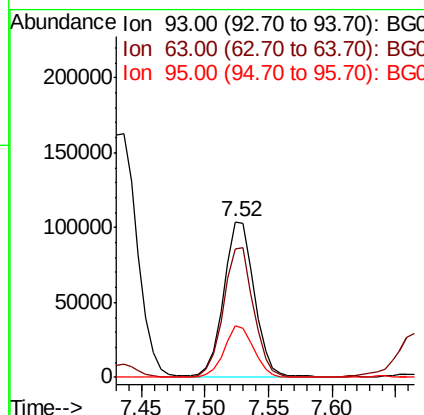
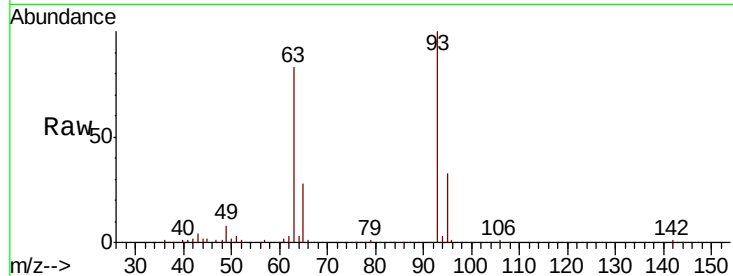




#11  
bis(2-Chloroethyl)ether  
Concen: 40.820 ng  
RT: 7.52 min Scan# 721  
Delta R.T. -0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

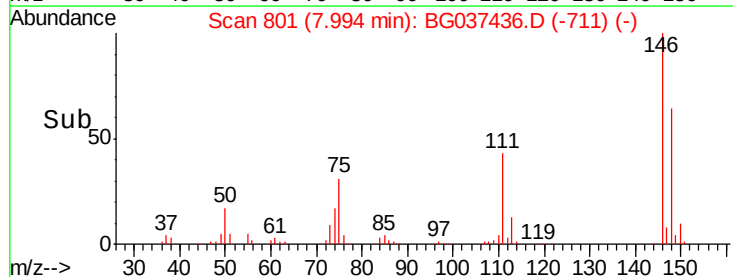
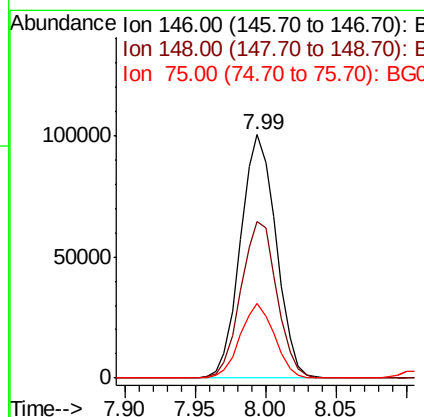
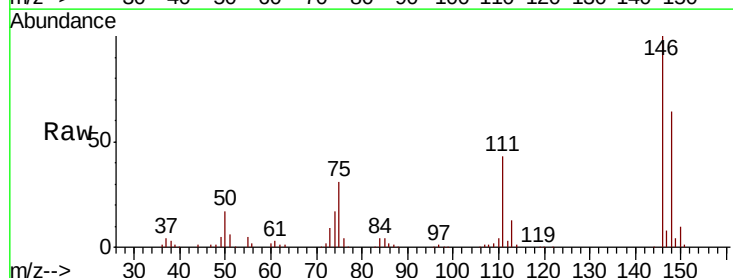
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

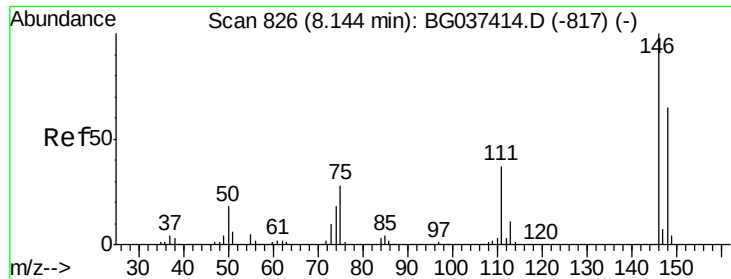
Tot Ion: 93 Resp: 172757  
Ion Ratio Lower Upper  
93 100  
63 82.5 69.5 109.5  
95 33.1 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 38.969 ng  
RT: 7.99 min Scan# 801  
Delta R.T. -0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Tgt Ion: 146 Resp: 177255  
Ion Ratio Lower Upper  
146 100  
148 64.3 49.8 74.8  
75 30.7 23.2 34.8

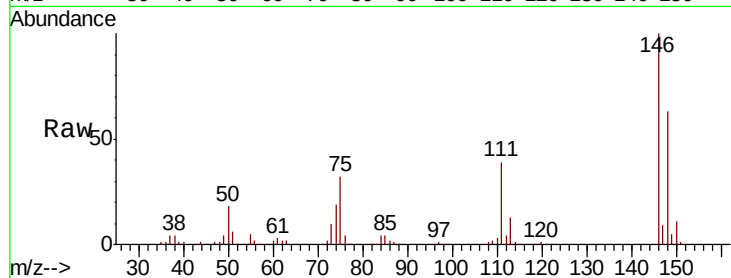




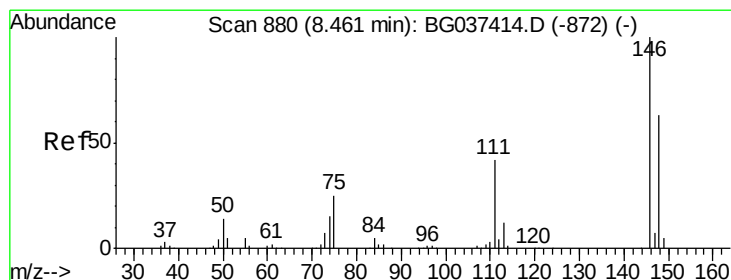
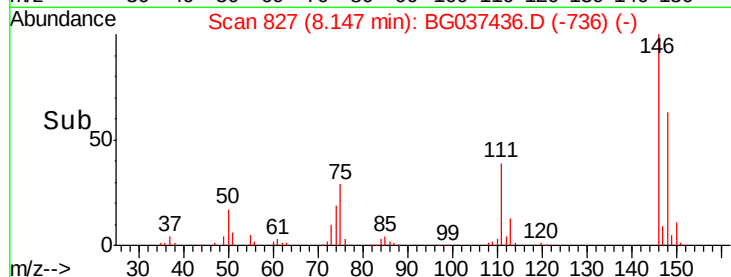
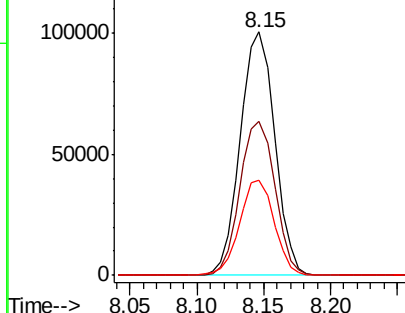
#13  
 1,4-Dichlorobenzene  
 Concen: 38.665 ng  
 RT: 8.15 min Scan# 827  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:146 Resp: 179899  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 51.0 76.6  
 111 39.3 32.4 48.6

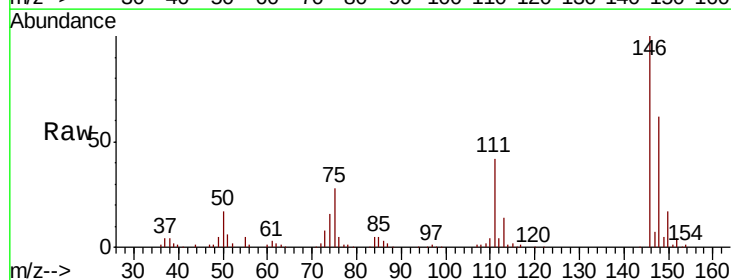


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

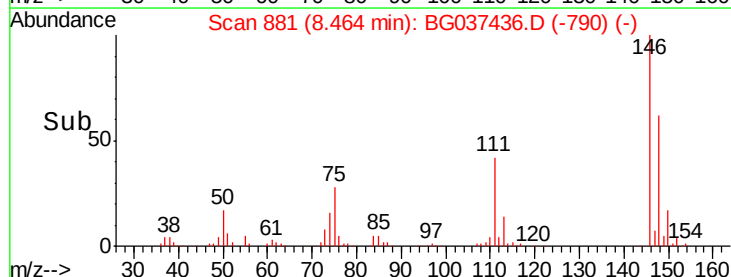
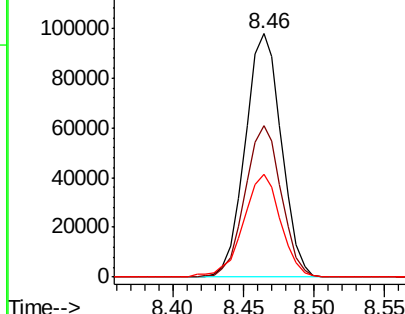


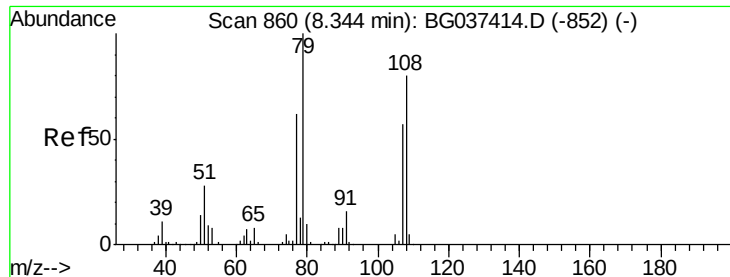
#14  
 1,2-Dichlorobenzene  
 Concen: 39.274 ng  
 RT: 8.46 min Scan# 881  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

Tgt Ion:146 Resp: 175782  
 Ion Ratio Lower Upper  
 146 100  
 148 62.3 50.4 75.6  
 111 42.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 56.965 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

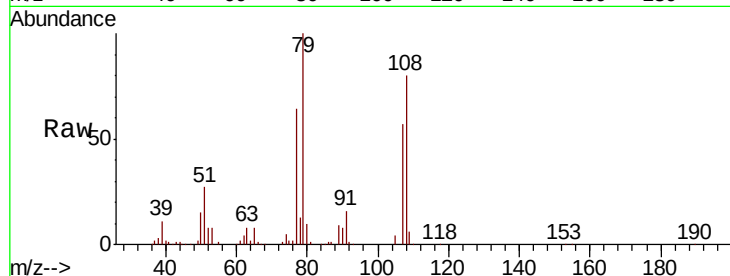
Tot Ion: 79 Resp: 222294

Ion Ratio Lower Upper

79 100

108 79.6 65.8 98.8

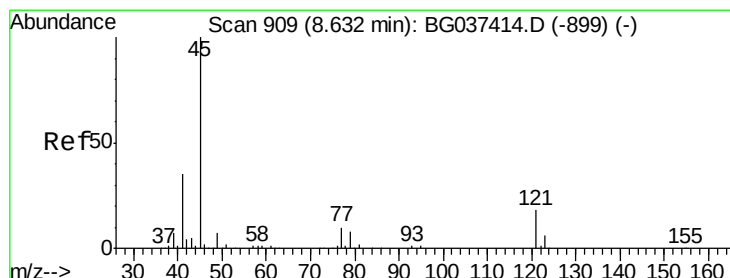
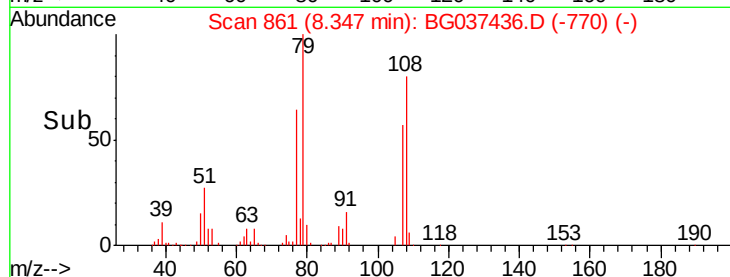
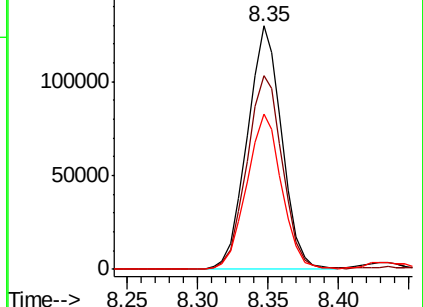
77 63.6 52.9 79.3



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: 42.564 ng

RT: 8.63 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

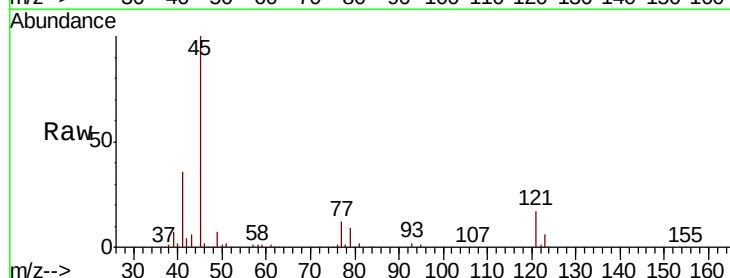
Tgt Ion: 45 Resp: 322314

Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.0

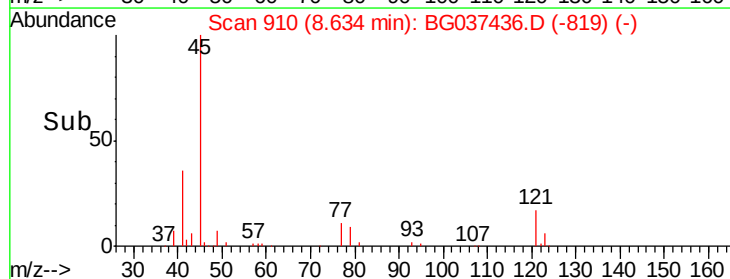
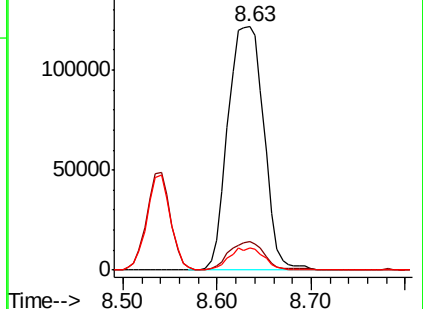
79 9.0 0.0 29.0

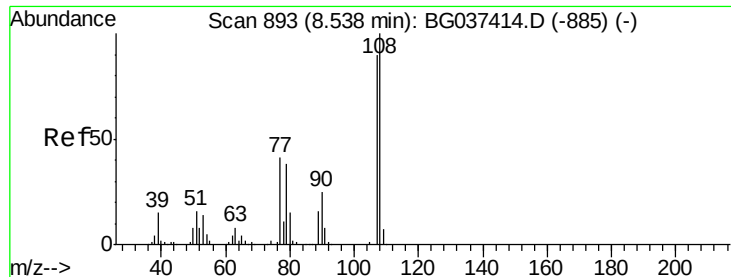


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 53.062 ng

RT: 8.54 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 195475

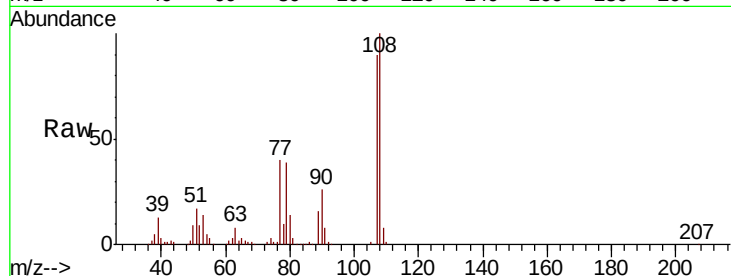
Ion Ratio Lower Upper

107 100

108 111.1 87.9 131.9

77 44.0 35.1 52.7

79 43.3 34.5 51.7

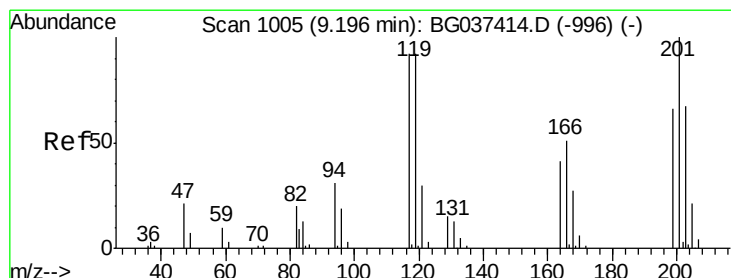
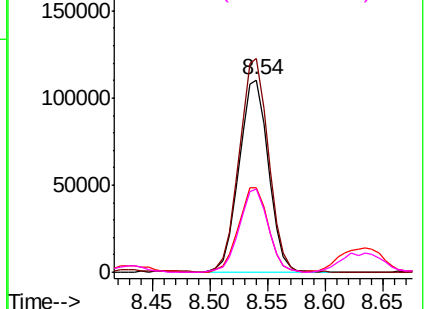
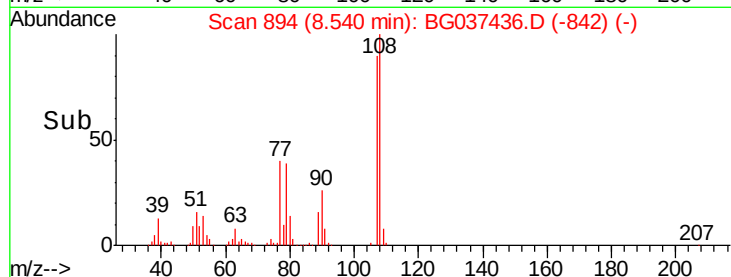


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.929 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

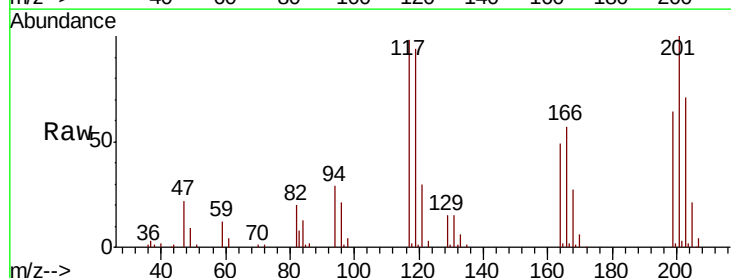
Tgt Ion:117 Resp: 63337

Ion Ratio Lower Upper

117 100

119 96.5 74.6 111.8

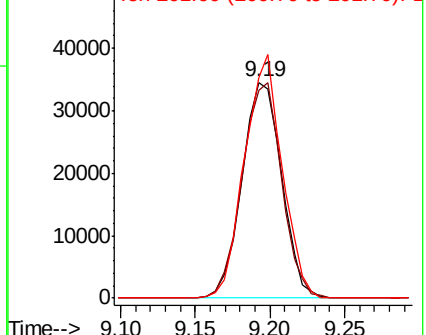
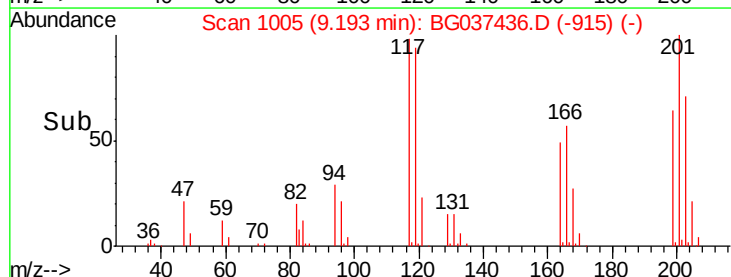
201 105.6 80.8 121.2

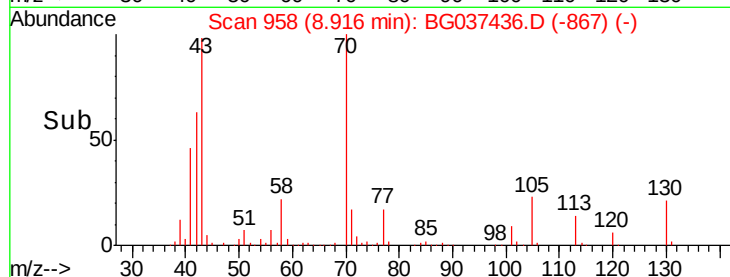
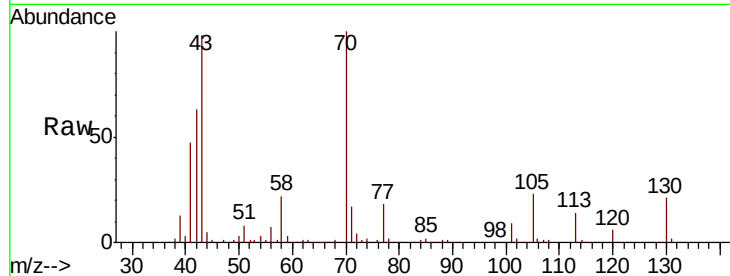
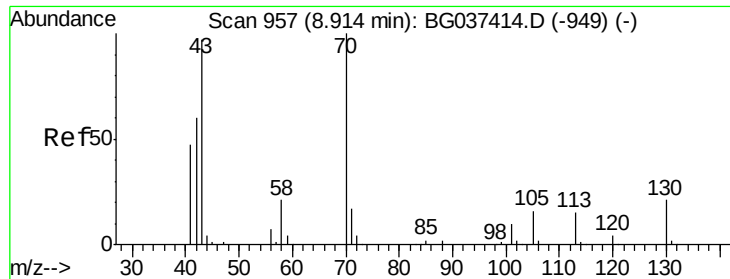


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

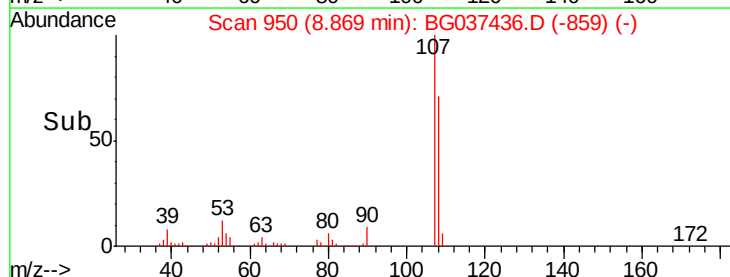
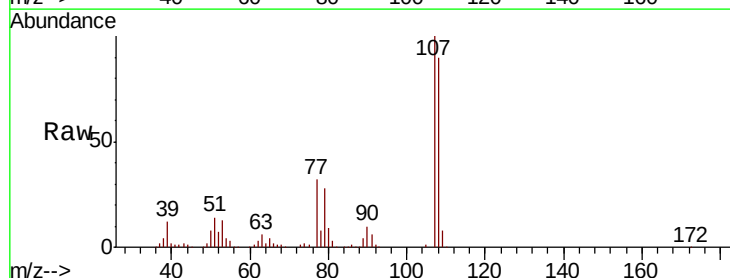
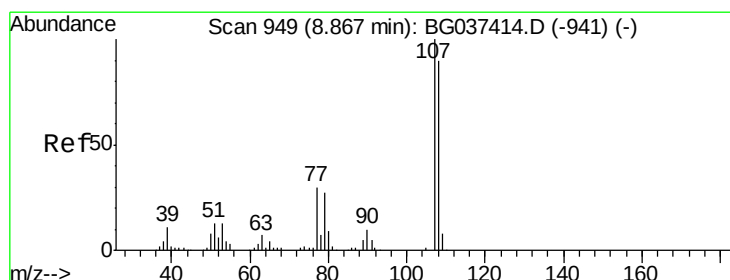
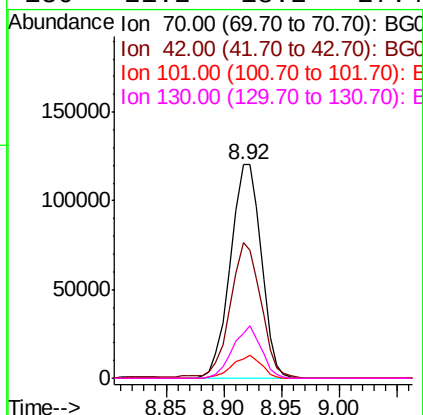




#19  
n-Nitroso-di-n-propylamine  
Concen: 61.259 ng  
RT: 8.92 min Scan# 958  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

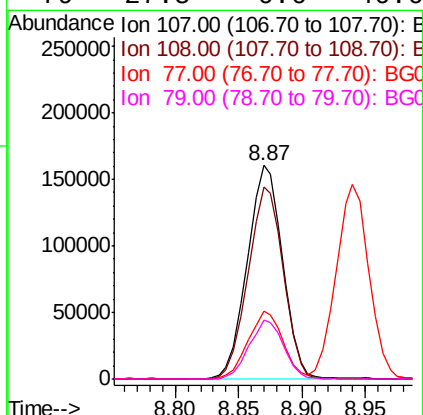
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

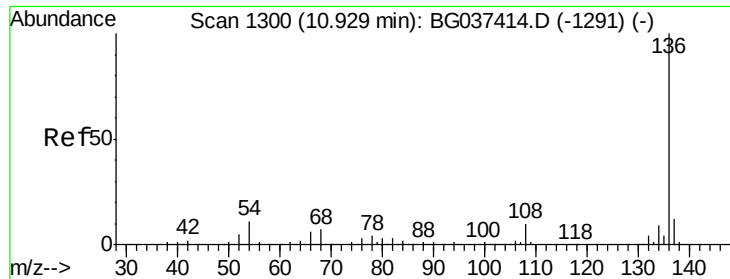
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 222781 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 63.3  | 53.9  | 80.9   |
| 101      | 9.3   | 8.2   | 12.2   |
| 130      | 21.2  | 18.2  | 27.4   |



#20  
3+4-Methylphenols  
Concen: 58.914 ng  
RT: 8.87 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 310299 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.0  | 69.9  | 109.9  |
| 77       | 31.5  | 11.2  | 51.2   |
| 79       | 27.5  | 6.6   | 46.6   |

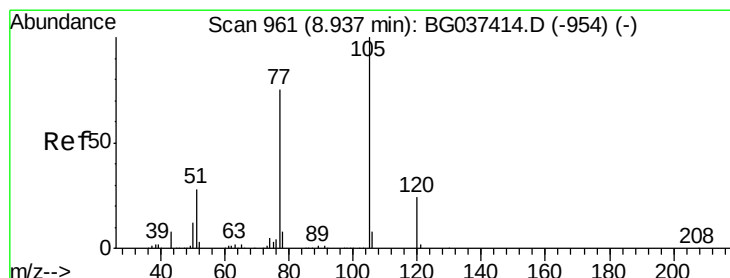
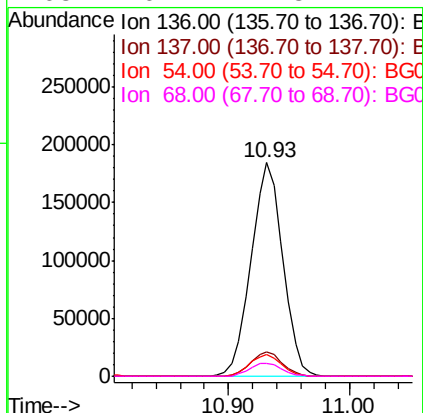
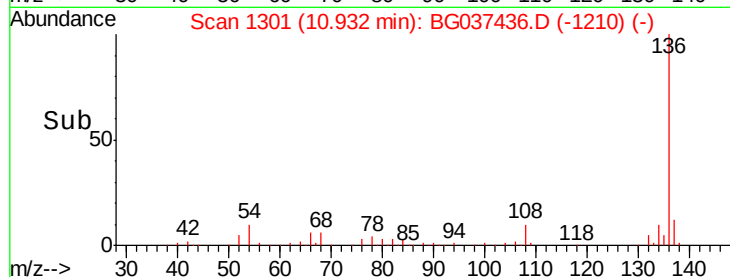
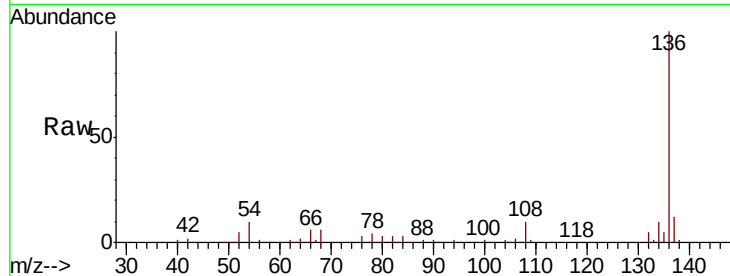




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.93 min Scan# 1301  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

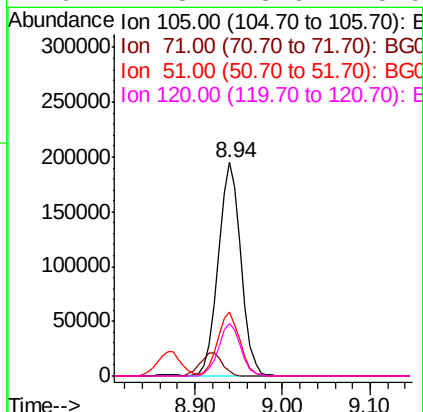
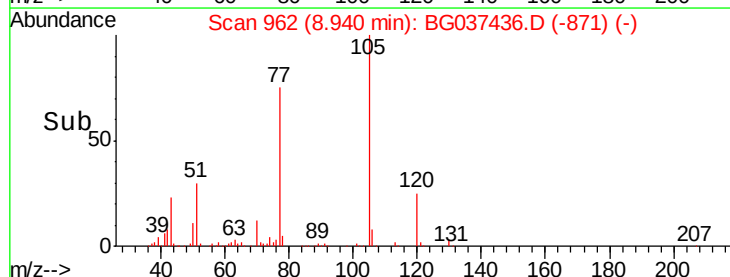
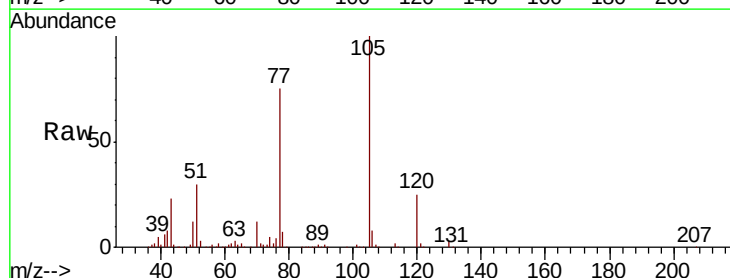
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

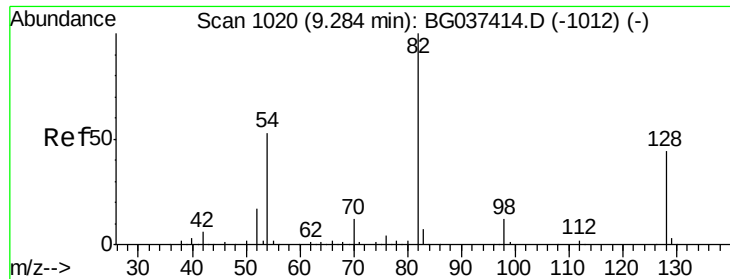
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 335822 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.6    | 9.6   | 14.4   |  |
| 54 10.5     | 7.9   | 11.9   |  |
| 68 6.2      | 4.8   | 7.2    |  |



#22  
Acetophenone  
Concen: 41.318 ng  
RT: 8.94 min Scan# 962  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 347992 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 2.1     | 1.2   | 1.8#   |
| 51  | 29.9    | 25.0  | 37.6   |
| 120 | 24.8    | 18.6  | 28.0   |

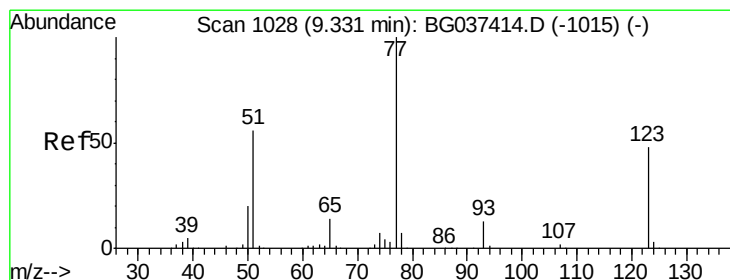
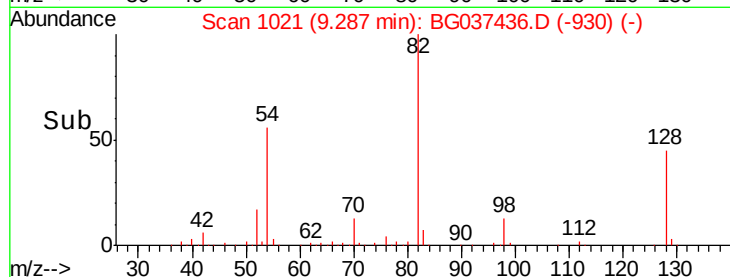
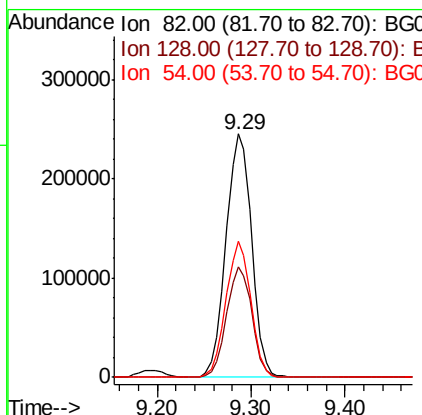
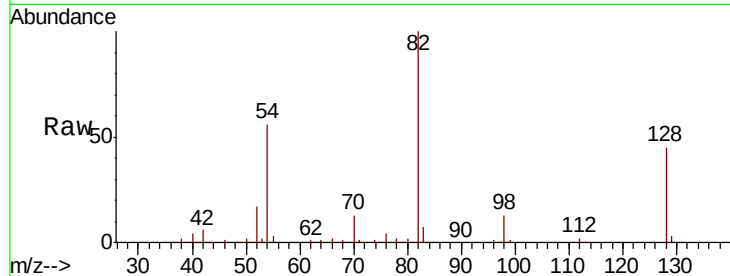




#23  
 Nitrobenzene-d5  
 Concen: 77.581 ng  
 RT: 9.29 min Scan# 1021  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

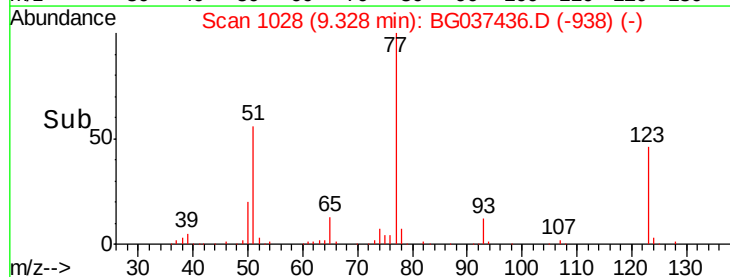
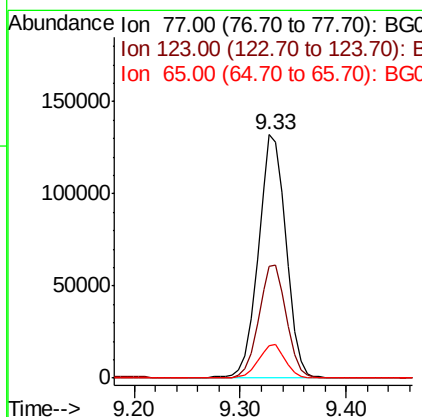
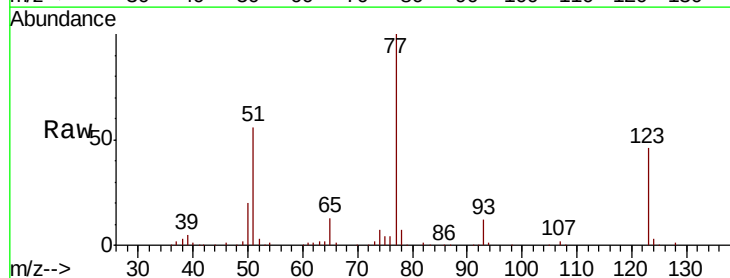
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion   | 82    | Resp  | 465080 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.5  | 34.6  | 51.8   |
| 54        | 55.8  | 45.3  | 67.9   |

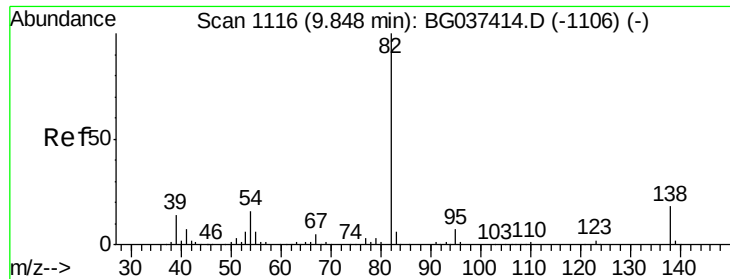


#24  
 Nitrobenzene  
 Concen: 38.601 ng  
 RT: 9.33 min Scan# 1028  
 Delta R.T. -0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

| Tgt Ion   | 77    | Resp  | 240397 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 46.0  | 33.6  | 50.4   |
| 65        | 13.3  | 11.3  | 16.9   |







#25

Isophorone

Concen: 53.826 ng

RT: 9.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

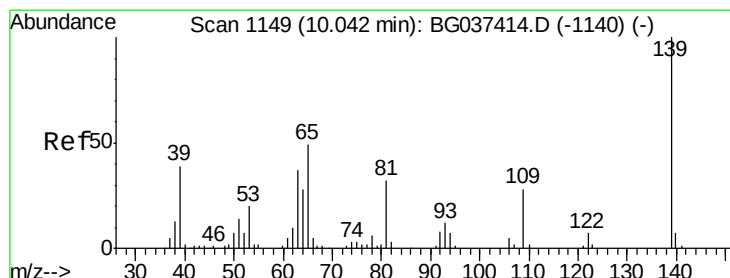
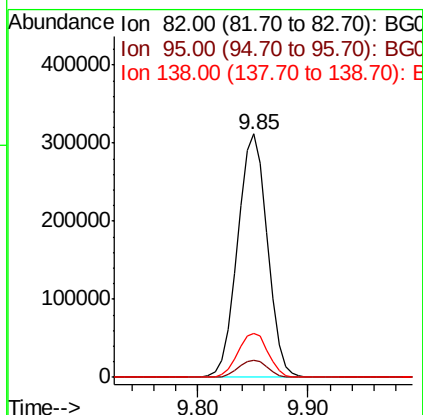
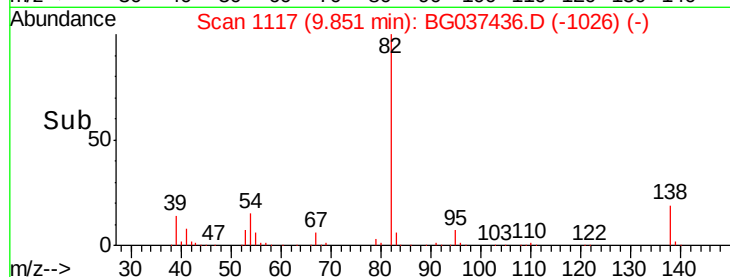
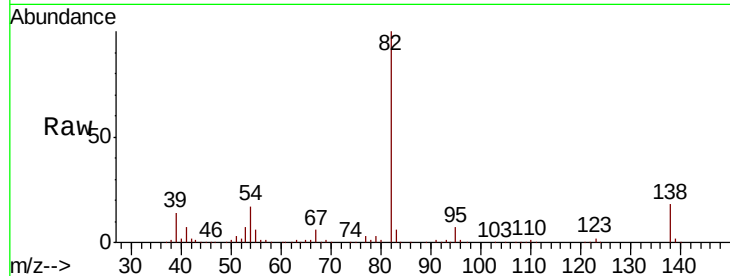
Tot Ion: 82 Resp: 589585

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.0 13.3 19.9



#26

2-Nitrophenol

Concen: 45.046 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

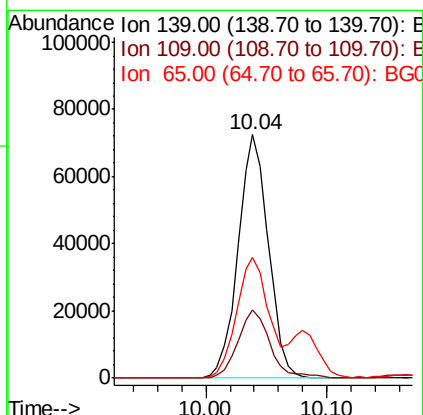
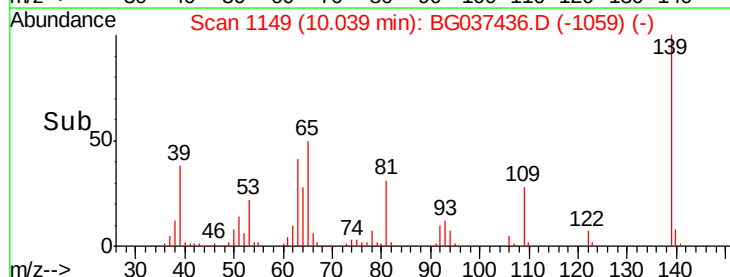
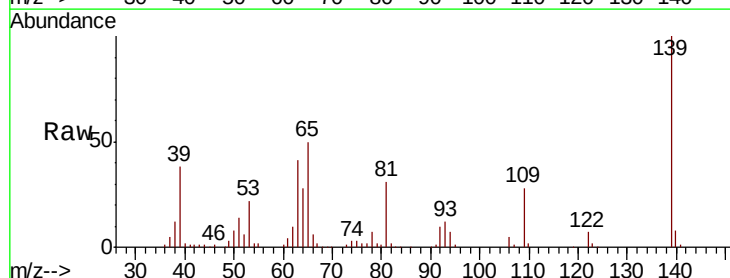
Tgt Ion: 139 Resp: 126378

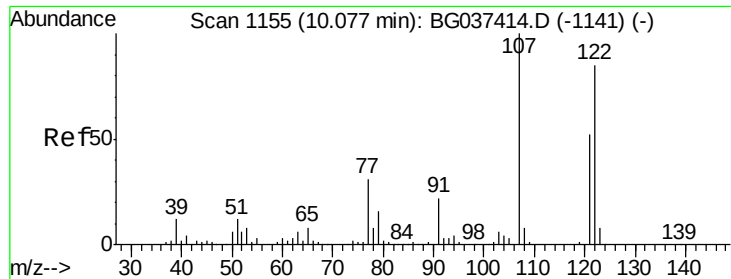
Ion Ratio Lower Upper

139 100

109 28.0 23.3 34.9

65 49.7 39.8 59.8

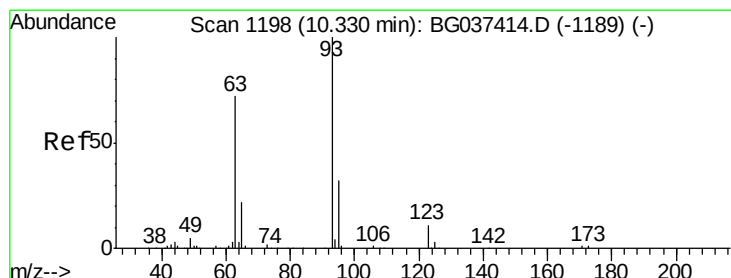
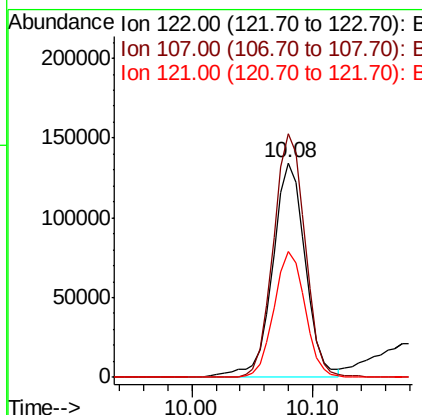
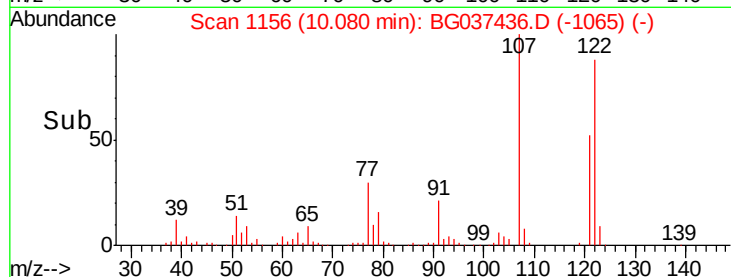
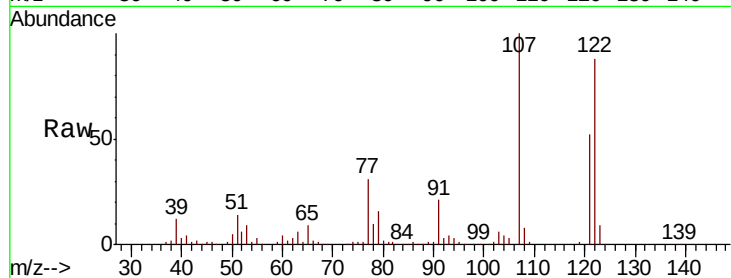




#27  
 2,4-Dimethylphenol  
 Concen: 50.201 ng  
 RT: 10.08 min Scan# 1156  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

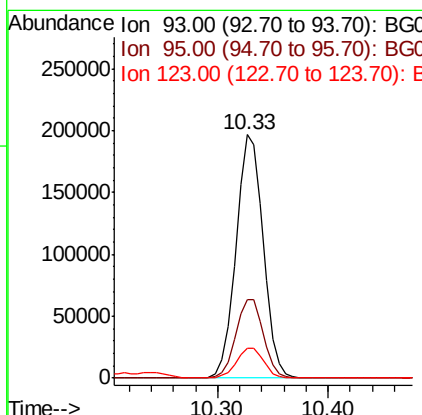
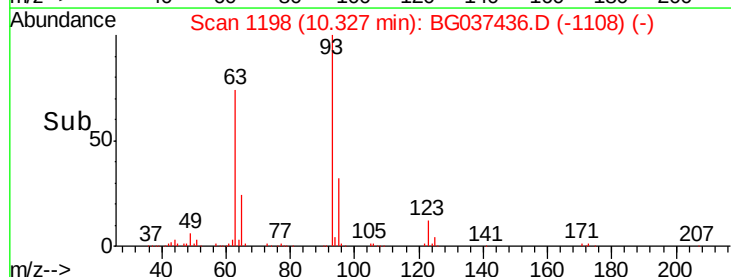
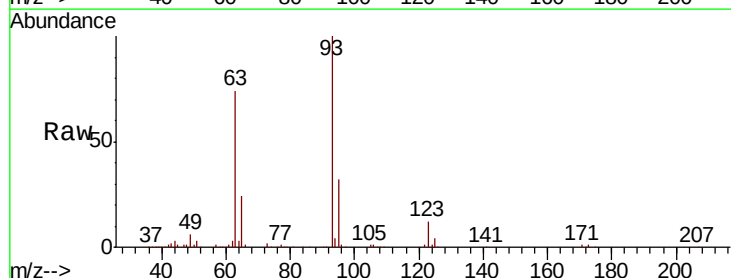
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

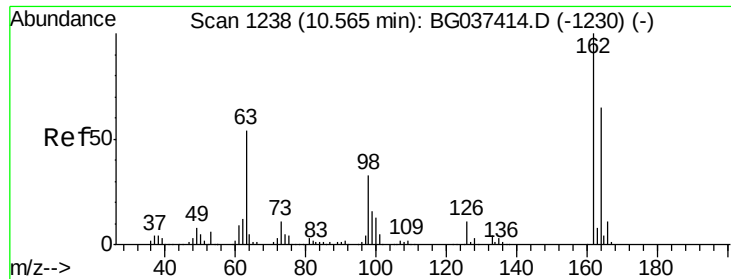
Tot Ion:122 Resp: 251468  
 Ion Ratio Lower Upper  
 122 100  
 107 113.5 94.2 141.2  
 121 58.5 47.3 70.9



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 47.312 ng  
 RT: 10.33 min Scan# 1198  
 Delta R.T. -0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

Tgt Ion: 93 Resp: 339533  
 Ion Ratio Lower Upper  
 93 100  
 95 32.1 24.6 37.0  
 123 12.4 9.1 13.7

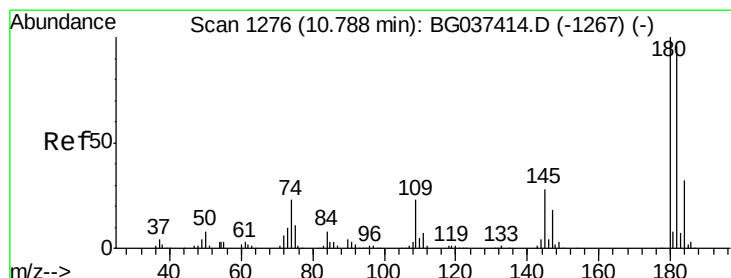
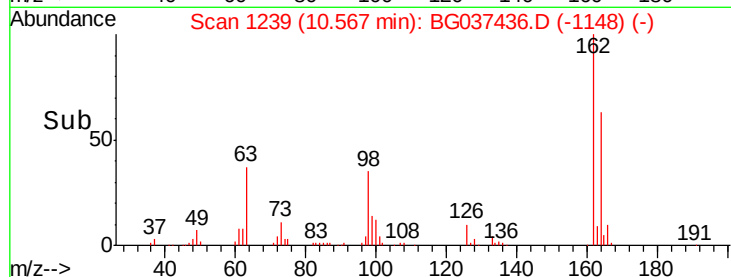
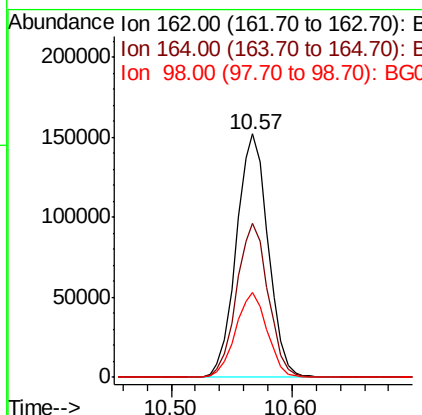
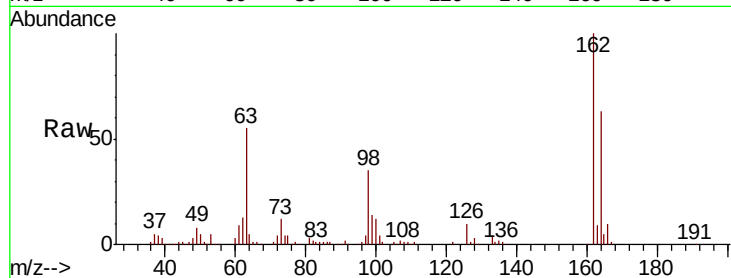




#29  
 2,4-Dichlorophenol  
 Concen: 49.918 ng  
 RT: 10.57 min Scan# 1239  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

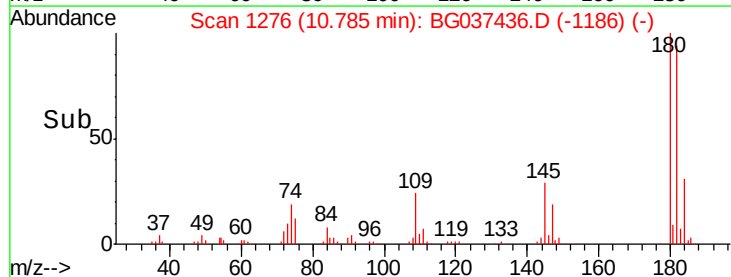
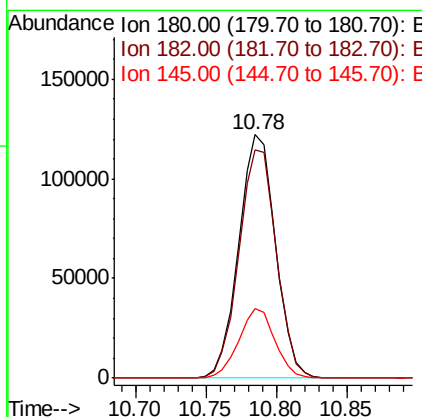
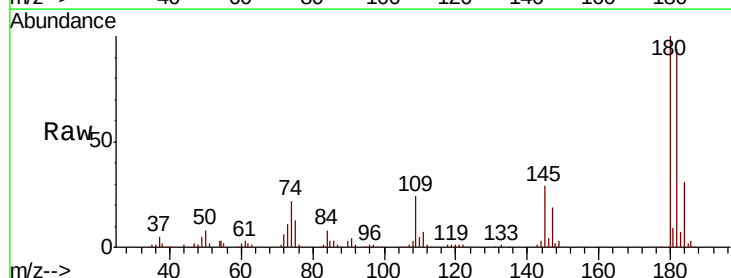
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

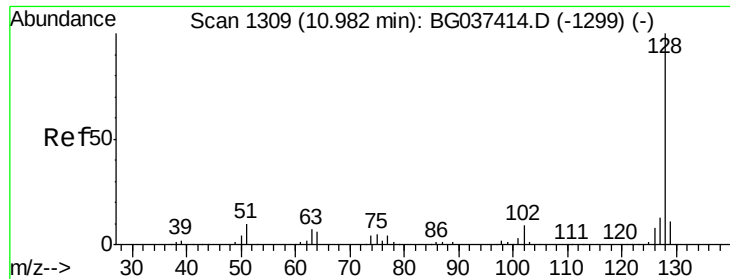
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.4  | 43.2  | 83.2  |
| 98      | 34.9  | 16.0  | 56.0  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.626 ng  
 RT: 10.78 min Scan# 1276  
 Delta R.T. -0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.9  | 77.7  | 116.5 |
| 145     | 28.7  | 23.3  | 34.9  |

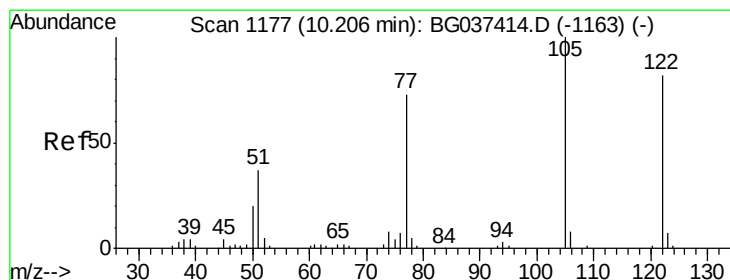
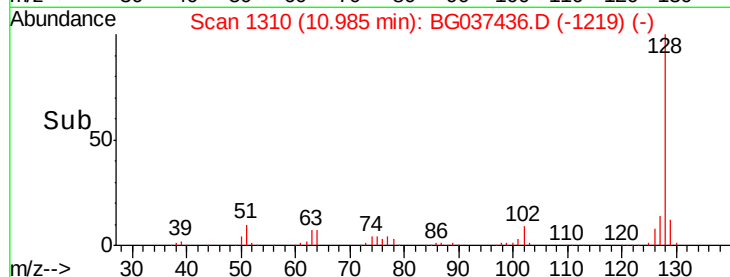
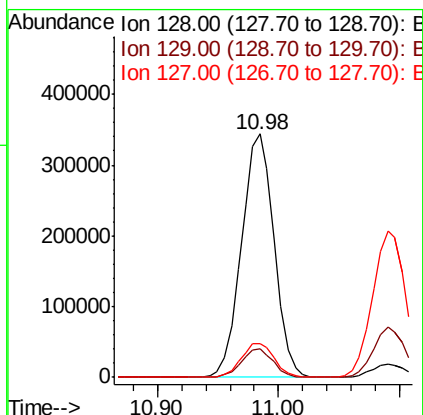
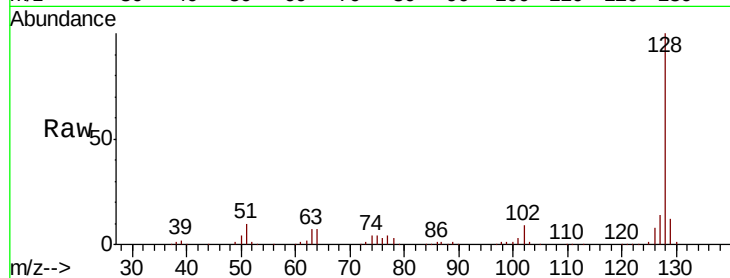




#31  
Naphthalene  
Concen: 39.049 ng  
RT: 10.98 min Scan# 1310  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

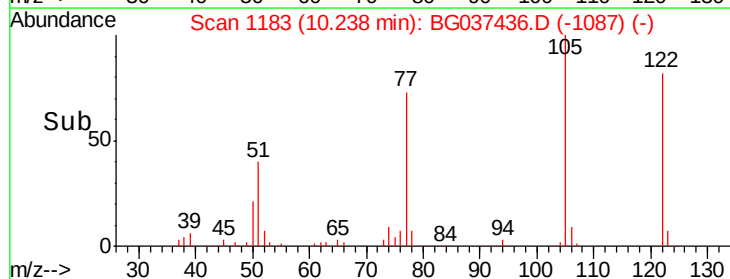
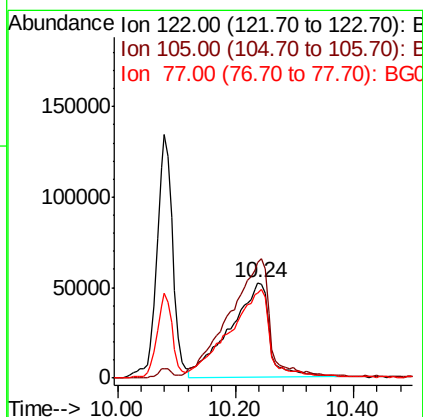
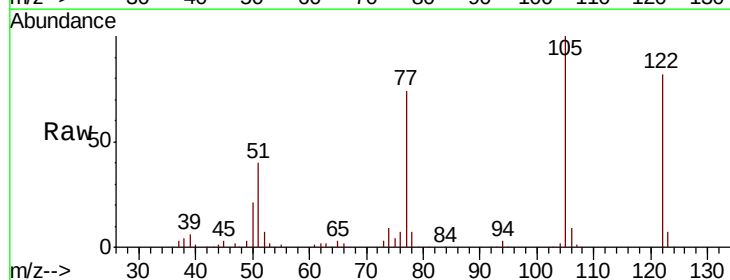
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

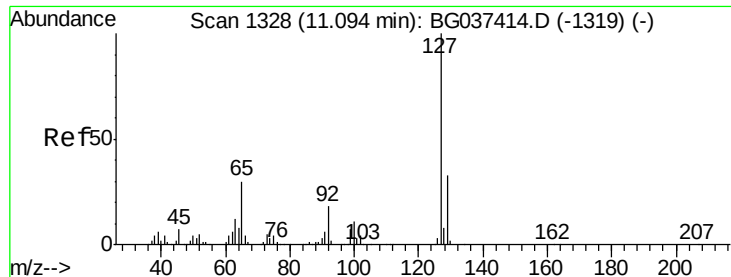
Tot Ion:128 Resp: 644097  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.0 13.6  
127 13.9 11.1 16.7



#32  
Benzoic acid  
Concen: 74.703 ng  
RT: 10.24 min Scan# 1183  
Delta R.T. 0.03 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Tgt Ion:122 Resp: 243048  
Ion Ratio Lower Upper  
122 100  
105 121.6 106.7 146.7  
77 89.4 72.2 112.2

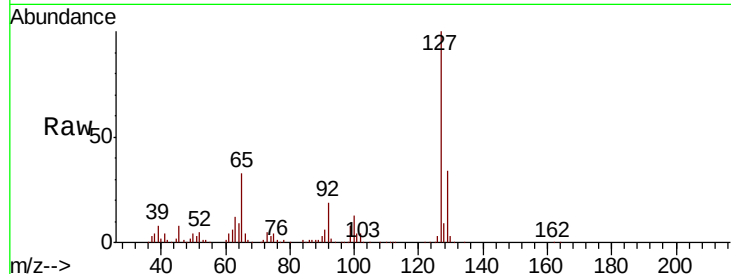




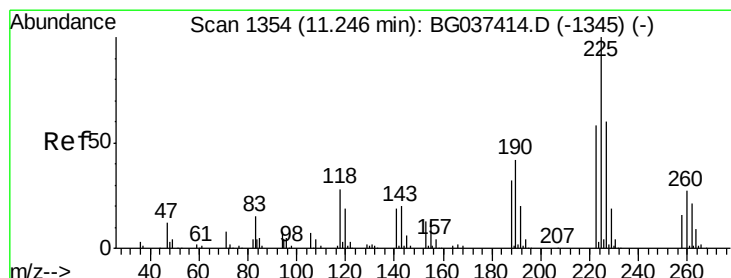
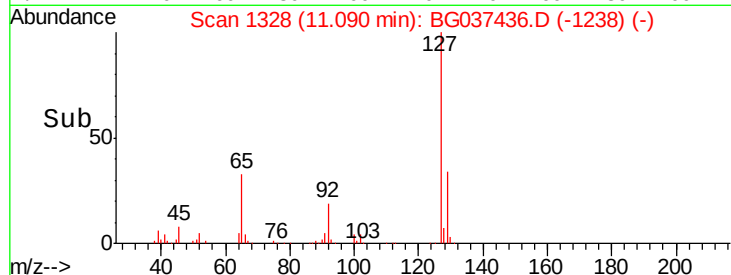
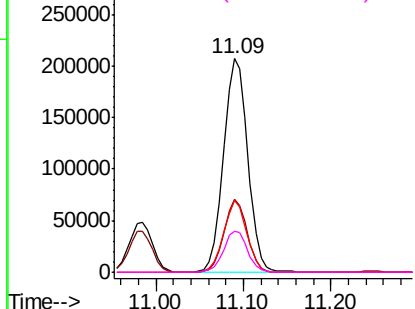
#33  
4-Chloroaniline  
Concen: 50.802 ng  
RT: 11.09 min Scan# 1328  
Delta R.T. -0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 393728    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 34.4  | 27.1 40.7 |
| 65          | 33.3  | 26.6 39.8 |
| 92          | 19.3  | 16.4 24.6 |

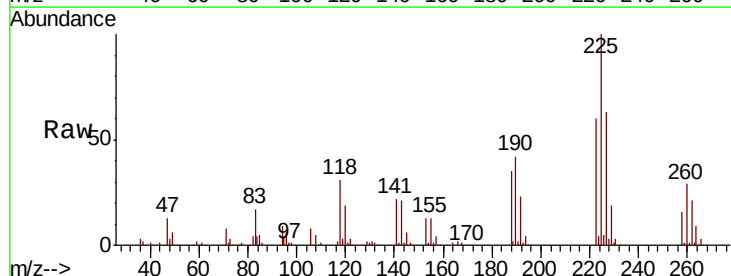


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

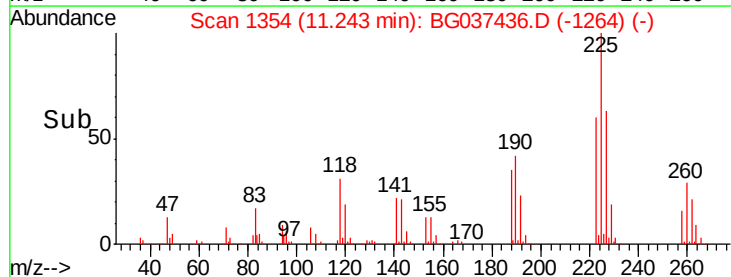
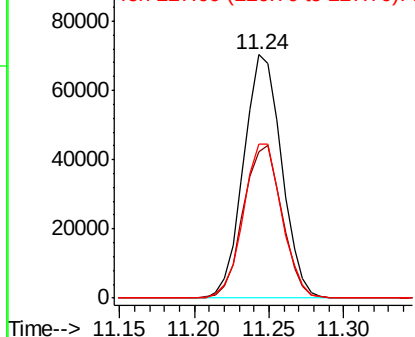


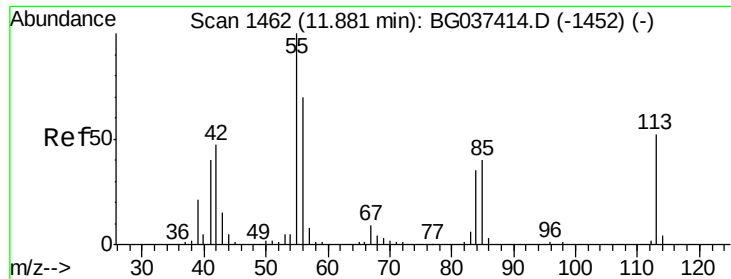
#34  
Hexachlorobutadiene  
Concen: 34.469 ng  
RT: 11.24 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 123905    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 60.7  | 48.2 72.4 |
| 227         | 63.0  | 51.6 77.4 |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 60.955 ng

RT: 11.90 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

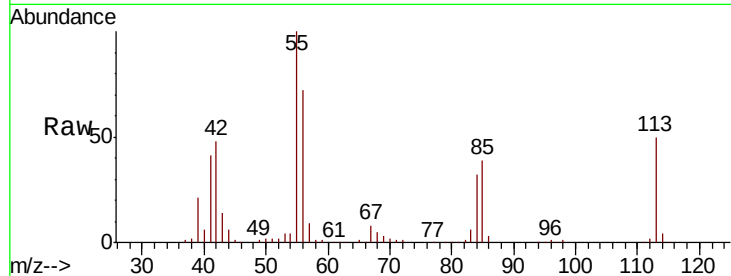
Tot Ion:113 Resp: 136346

Ion Ratio Lower Upper

113 100

55 199.3 176.6 216.6

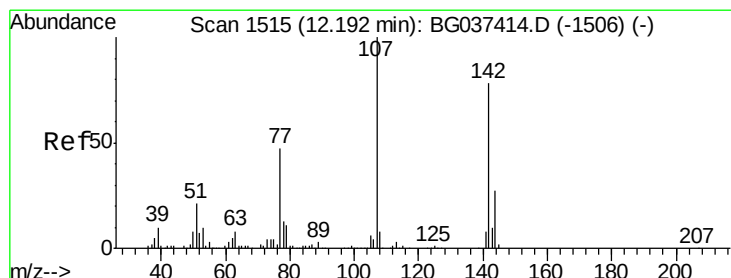
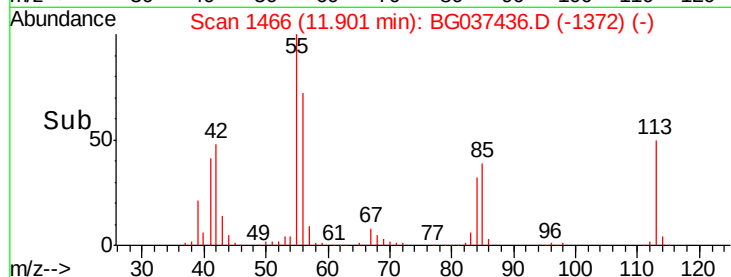
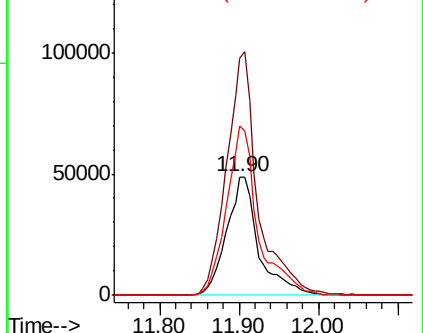
56 143.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 56.140 ng

RT: 12.19 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

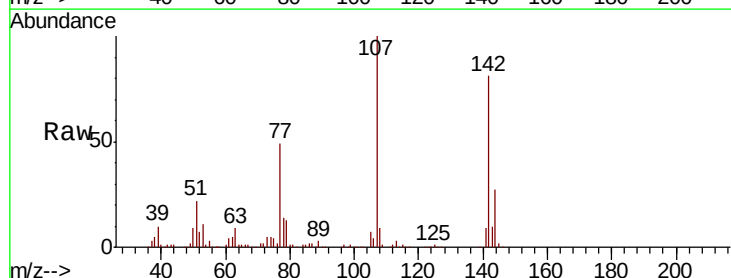
Tgt Ion:107 Resp: 353114

Ion Ratio Lower Upper

107 100

144 26.9 20.7 31.1

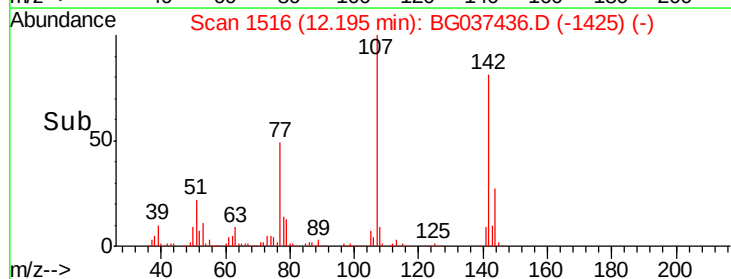
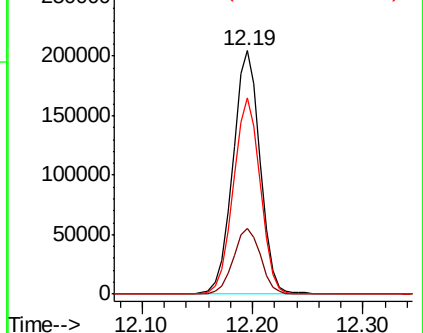
142 80.6 64.4 96.6

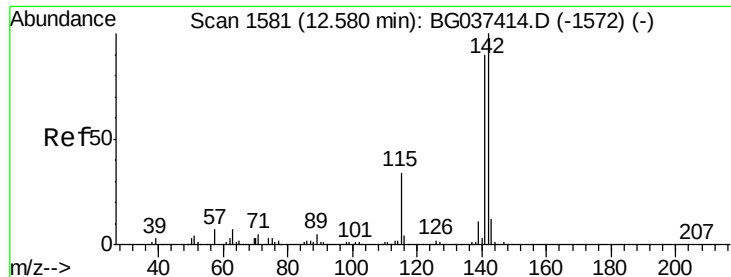


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

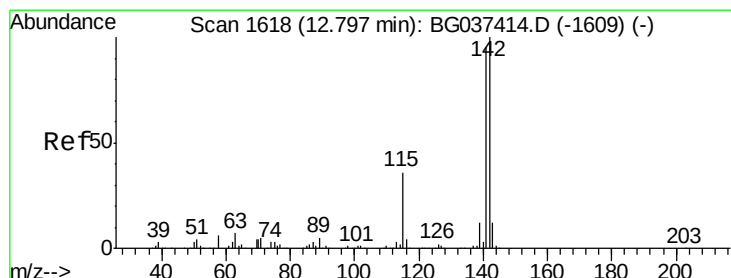
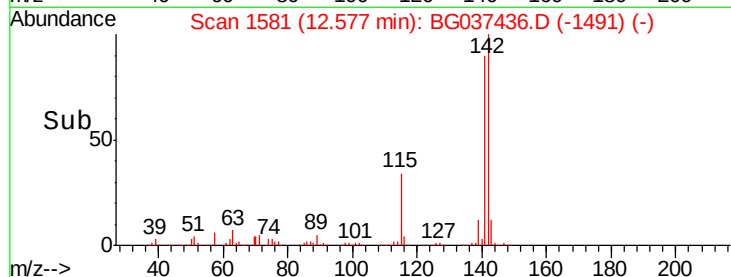
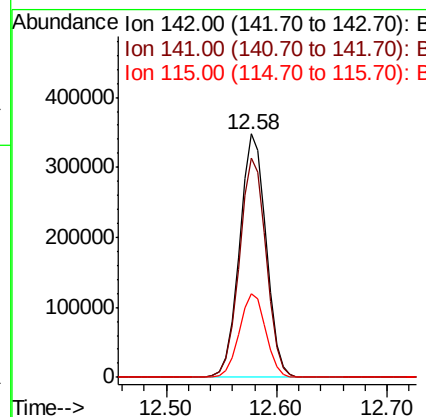
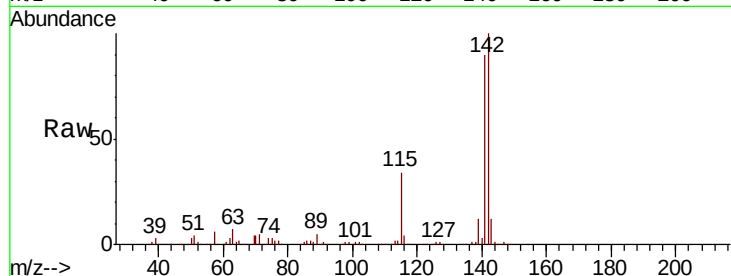




#37  
2-Methylnaphthalene  
Concen: 48.713 ng  
RT: 12.58 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

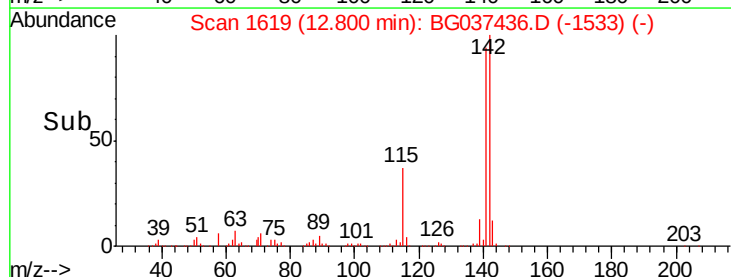
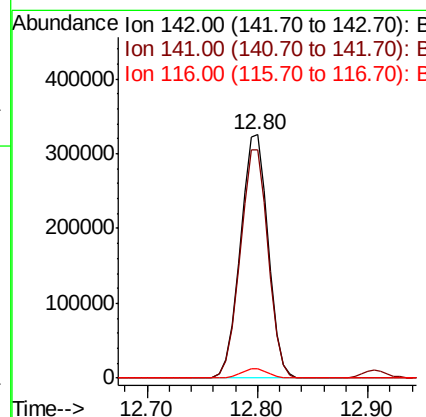
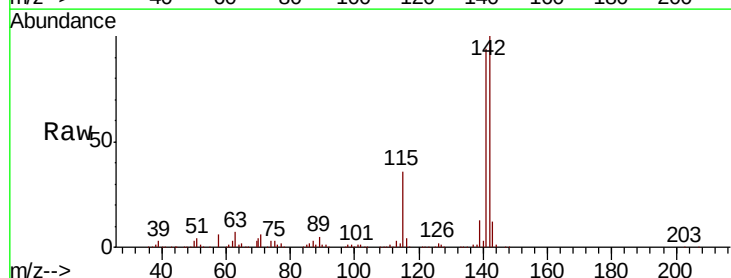
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

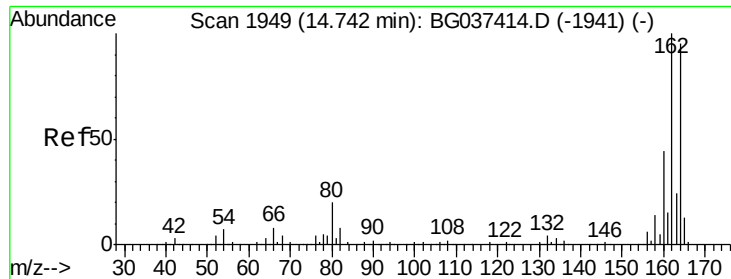
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.0  | 71.9  | 107.9 |
| 115     | 34.2  | 27.8  | 41.8  |



#38  
1-Methylnaphthalene  
Concen: 49.230 ng  
RT: 12.80 min Scan# 1619  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.0  | 75.2  | 112.8 |
| 116     | 3.7   | 3.3   | 4.9   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

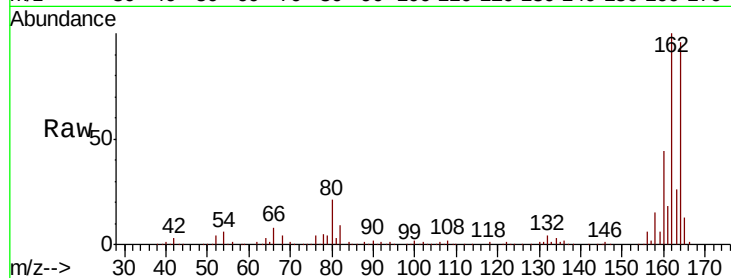
Tot Ion:164 Resp: 305188

Ion Ratio Lower Upper

164 100

162 104.3 81.3 121.9

160 46.2 36.3 54.5

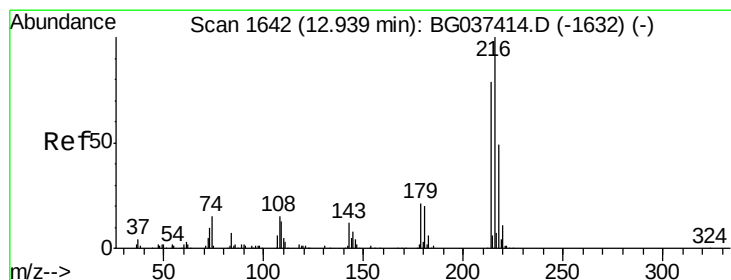
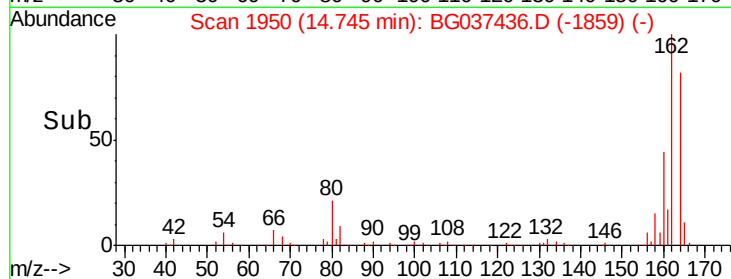
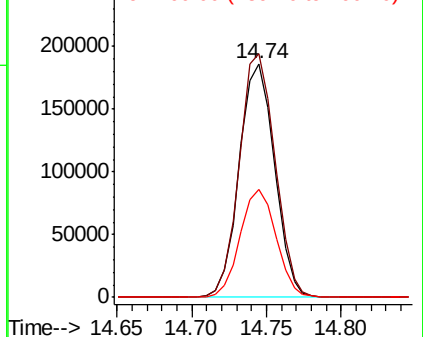


Abundance

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: 36.599 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Tgt Ion:216 Resp: 360280

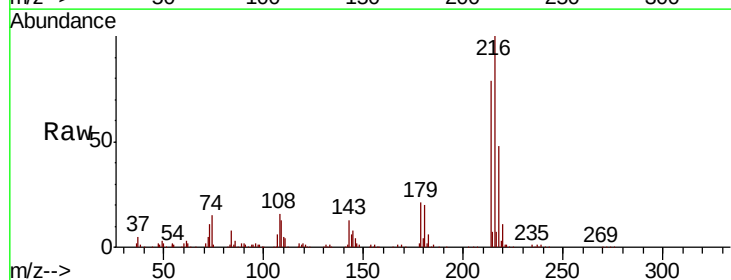
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.6

179 21.1 17.4 26.0

108 16.9 13.9 20.9



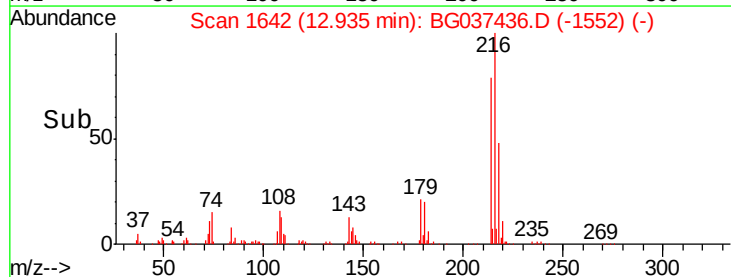
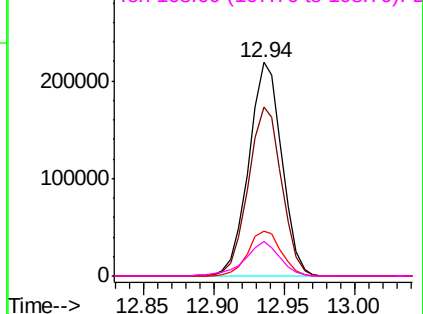
Abundance

Ion 216.00 (215.70 to 216.70): E

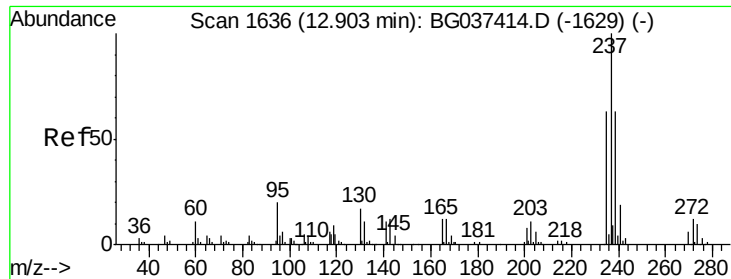
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



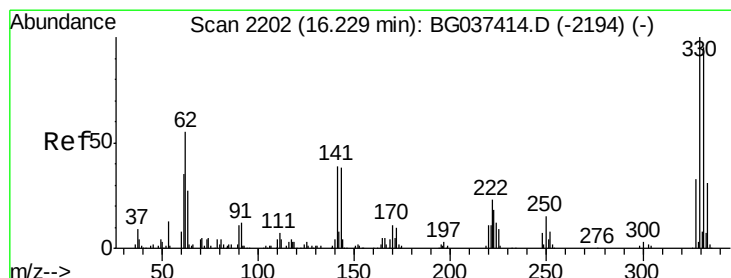
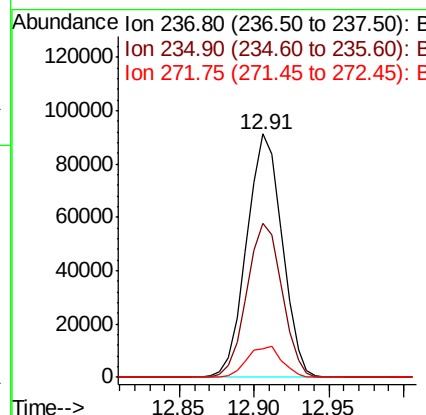
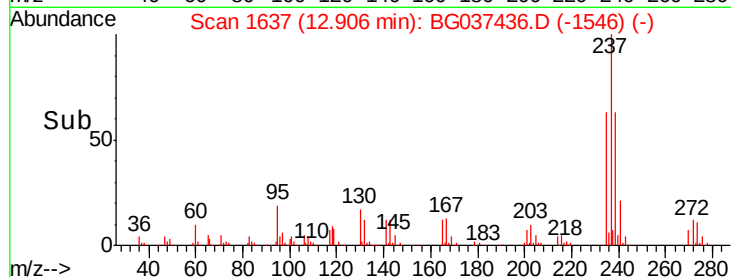
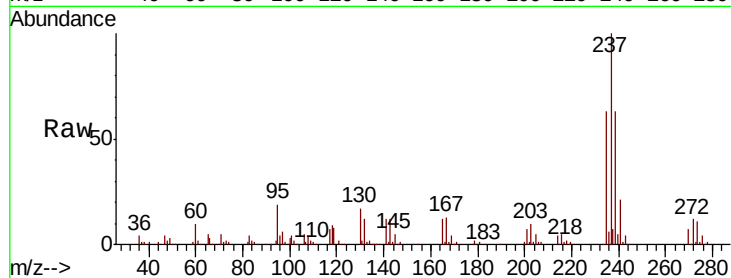




#41  
Hexachlorocyclopentadiene  
Concen: 31.863 ng  
RT: 12.91 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

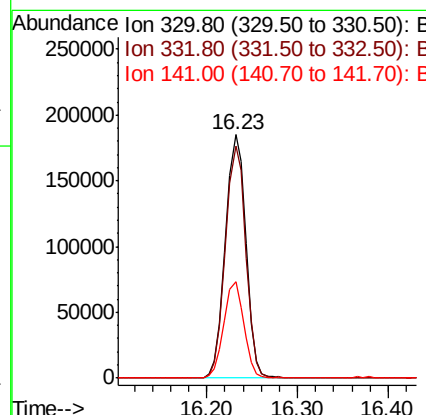
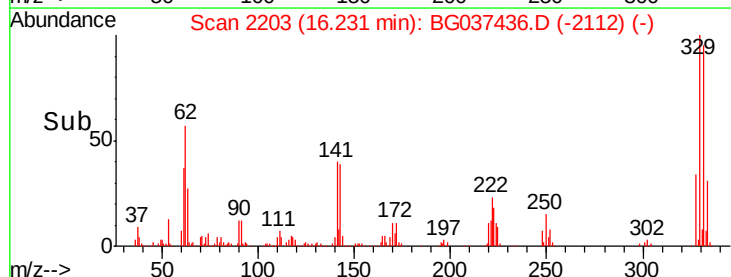
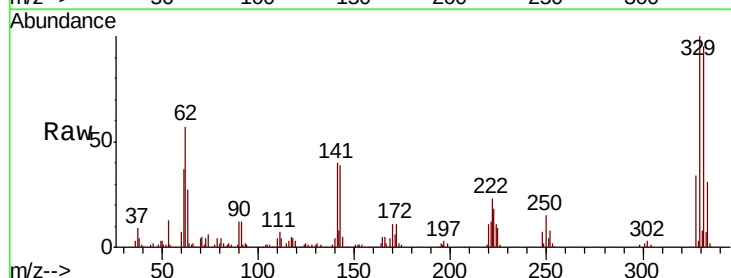
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

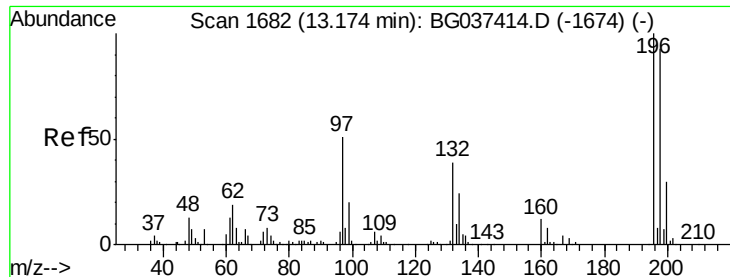
Tot Ion:237 Resp: 149825  
Ion Ratio Lower Upper  
237 100  
235 63.3 42.5 82.5  
272 11.6 0.0 31.6



#42  
2,4,6-Tribromophenol  
Concen: 87.313 ng  
RT: 16.23 min Scan# 2203  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Tgt Ion:330 Resp: 290634  
Ion Ratio Lower Upper  
330 100  
332 94.8 78.4 117.6  
141 38.7 32.2 48.2

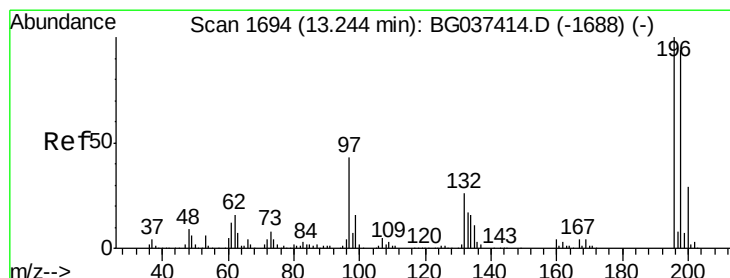
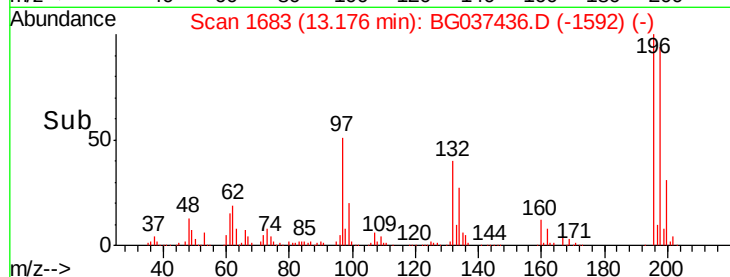
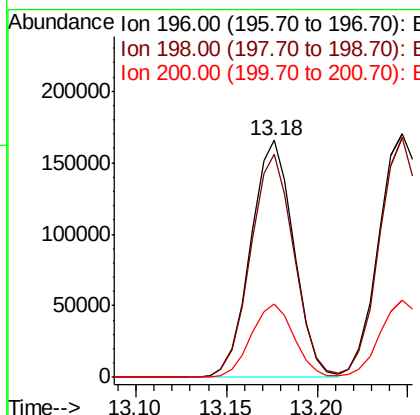
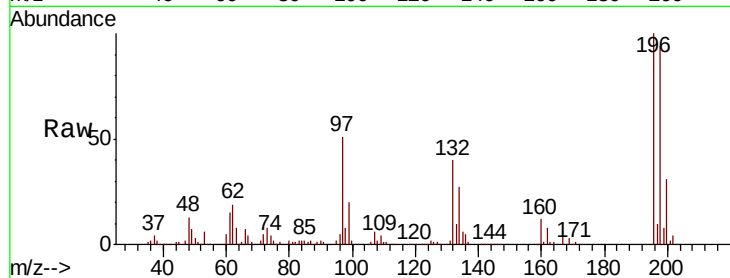




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.539 ng  
 RT: 13.18 min Scan# 1683  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

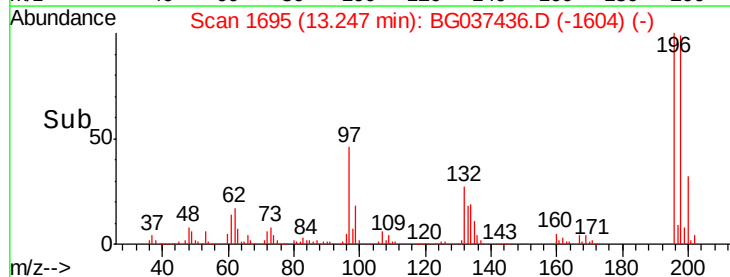
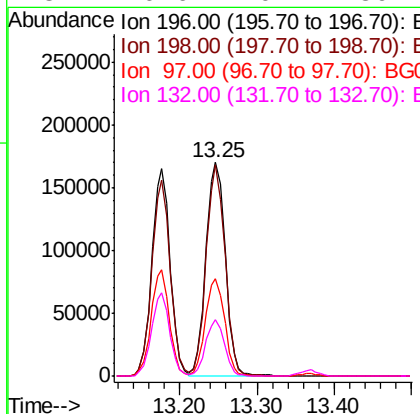
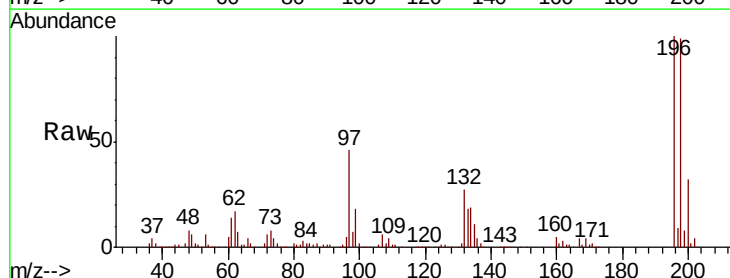
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

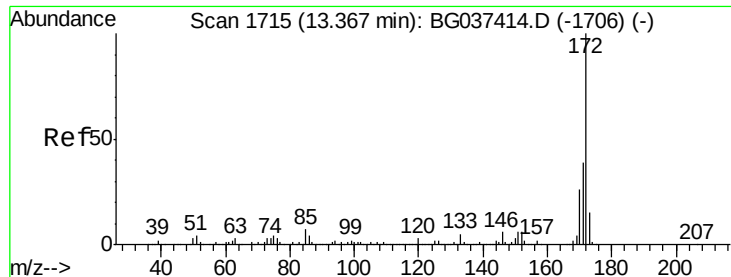
Tot Ion:196 Resp: 273184  
 Ion Ratio Lower Upper  
 196 100  
 198 94.1 76.4 114.6  
 200 31.1 24.9 37.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.281 ng  
 RT: 13.25 min Scan# 1695  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

Tgt Ion:196 Resp: 295591  
 Ion Ratio Lower Upper  
 196 100  
 198 98.7 74.2 111.2  
 97 45.5 34.1 51.1  
 132 26.6 20.2 30.4

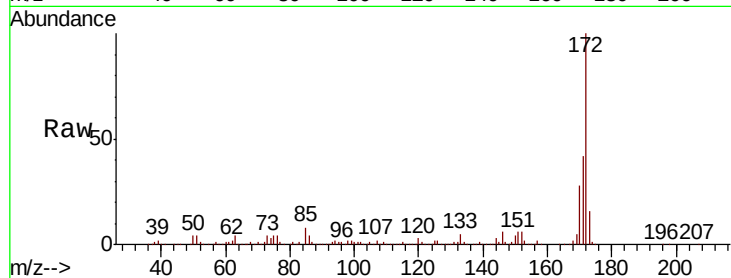




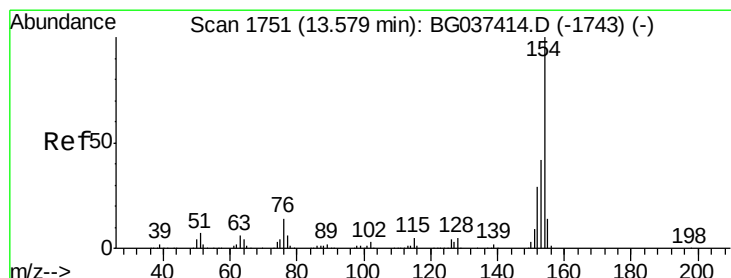
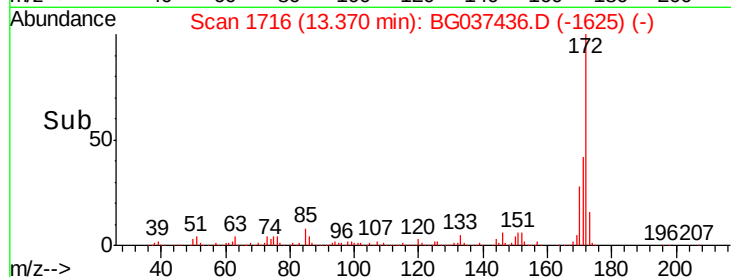
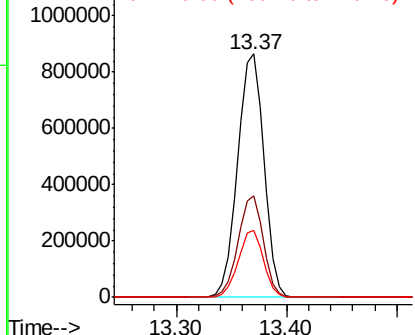
#45  
2-Fluorobiphenyl  
Concen: 71.695 ng  
RT: 13.37 min Scan# 1716  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:172 Resp: 1451021  
Ion Ratio Lower Upper  
172 100  
171 41.8 31.0 46.4  
170 27.7 20.2 30.2

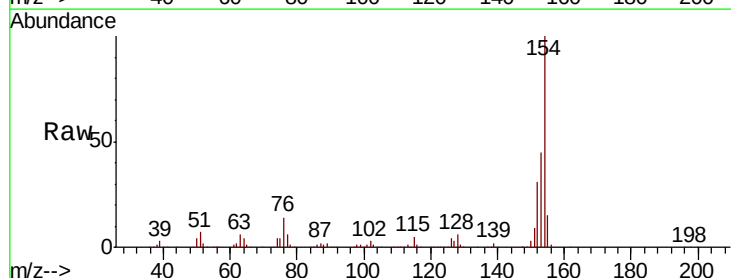


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

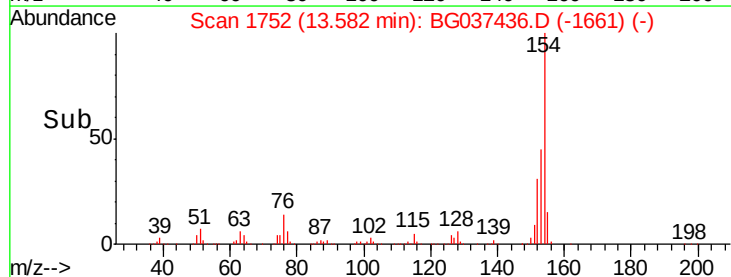
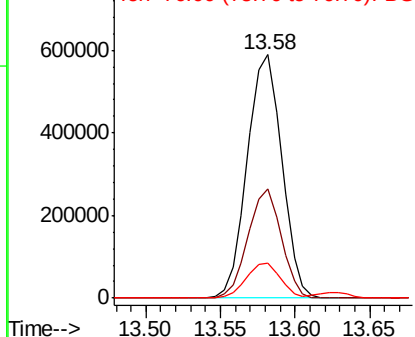


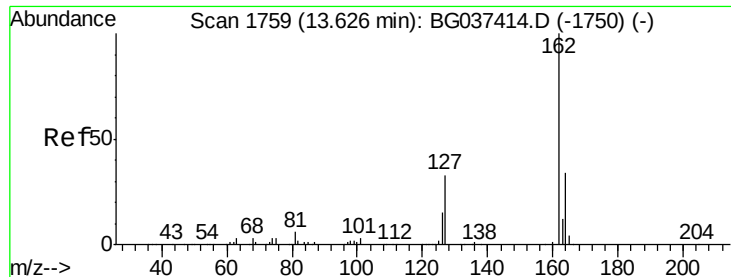
#46  
1,1'-Biphenyl  
Concen: 37.398 ng  
RT: 13.58 min Scan# 1752  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Tgt Ion:154 Resp: 945236  
Ion Ratio Lower Upper  
154 100  
153 44.9 22.1 62.1  
76 14.4 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BGC

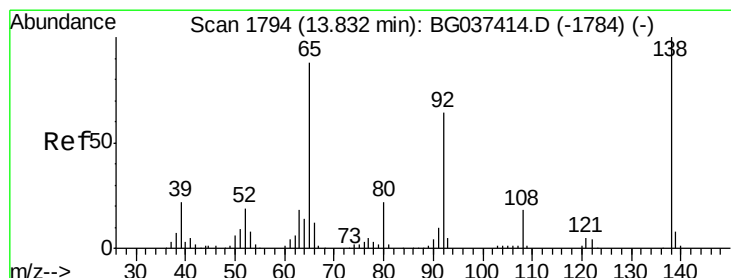
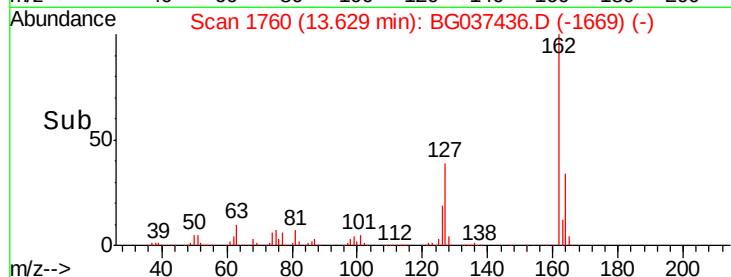
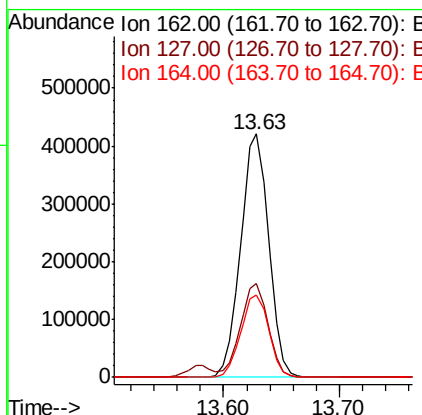
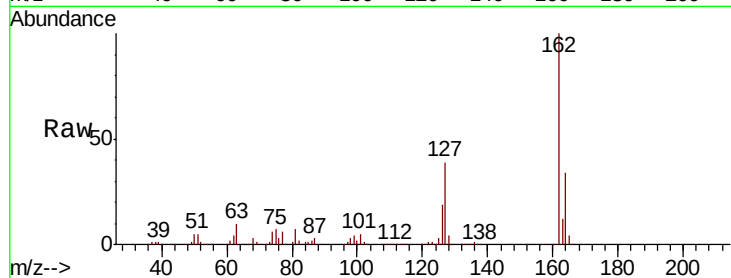




#47  
 2-Chloronaphthalene  
 Concen: 37.092 ng  
 RT: 13.63 min Scan# 1760  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

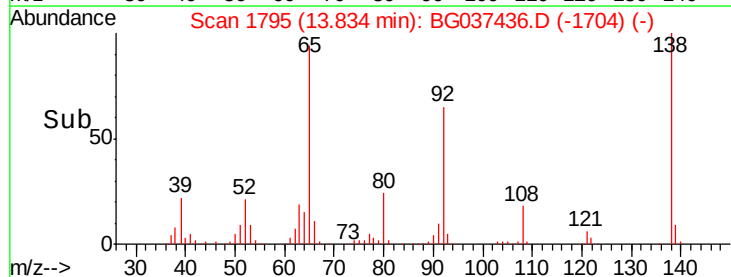
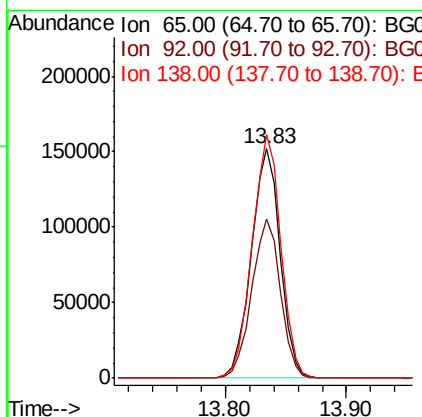
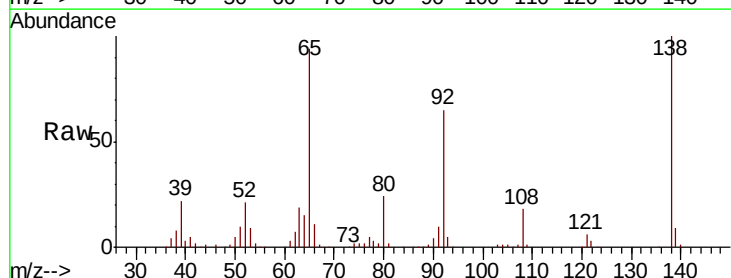
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

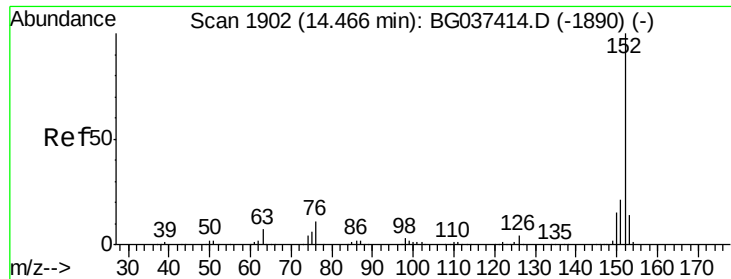
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.6  | 30.5  | 45.7  |
| 164     | 33.7  | 26.4  | 39.6  |



#48  
 2-Nitroaniline  
 Concen: 43.483 ng  
 RT: 13.83 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.2  | 53.2  | 79.8  |
| 138     | 106.3 | 79.3  | 118.9 |





#49

Acenaphthylene

Concen: 38.746 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

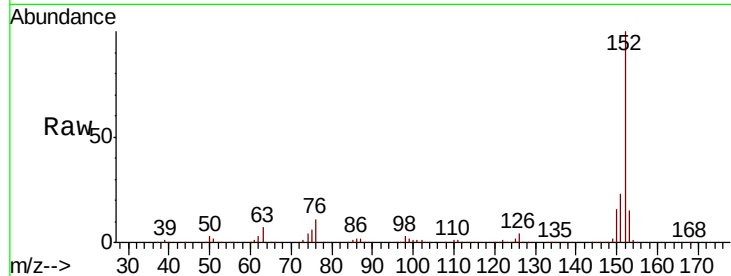
Tot Ion:152 Resp: 1114498

Ion Ratio Lower Upper

152 100

151 22.6 17.1 25.7

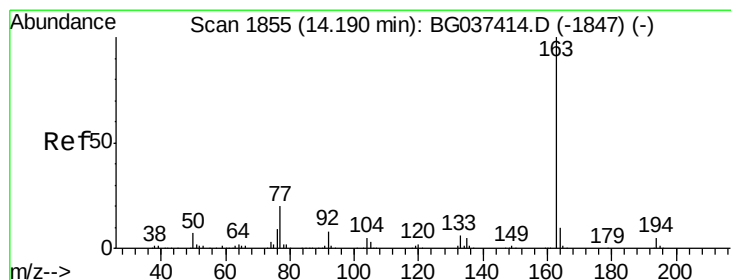
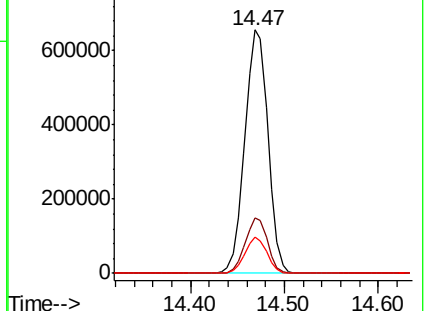
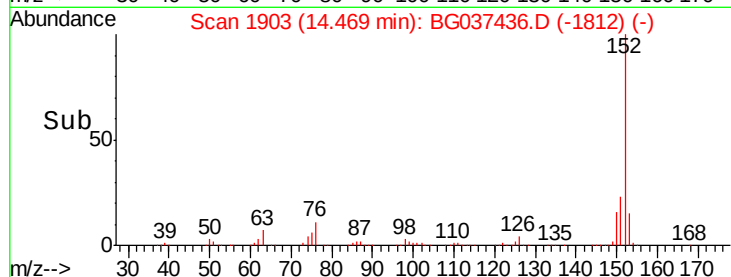
153 14.9 11.1 16.7



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: 40.205 ng

RT: 14.20 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

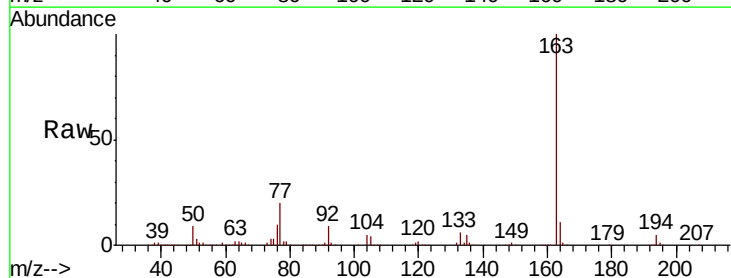
Tgt Ion:163 Resp: 949230

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

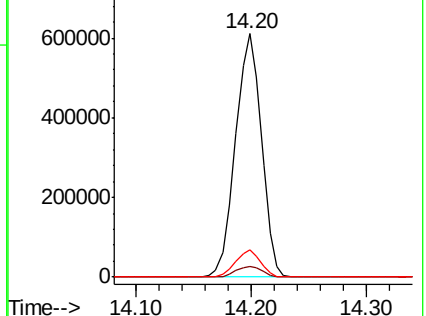
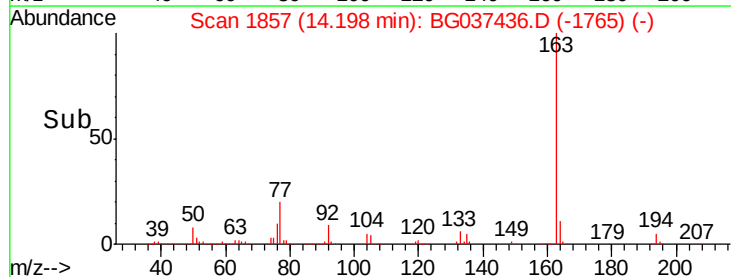
164 11.2 8.5 12.7

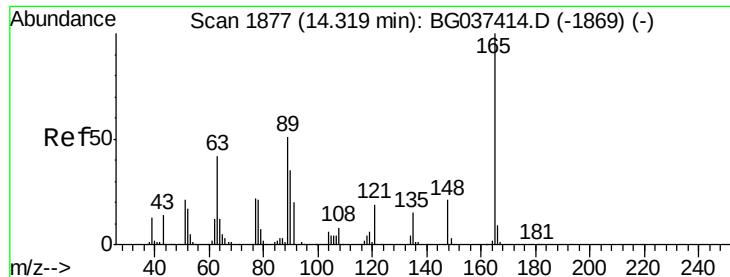


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

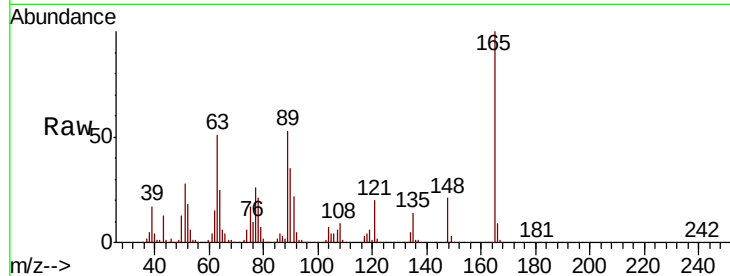




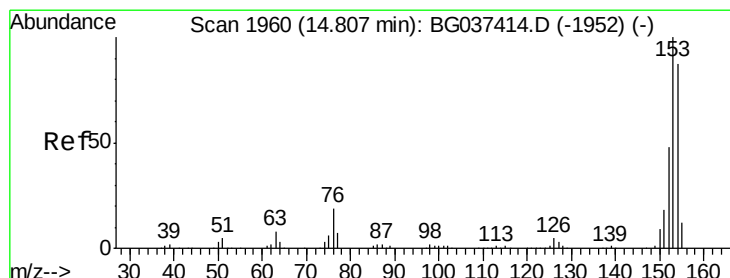
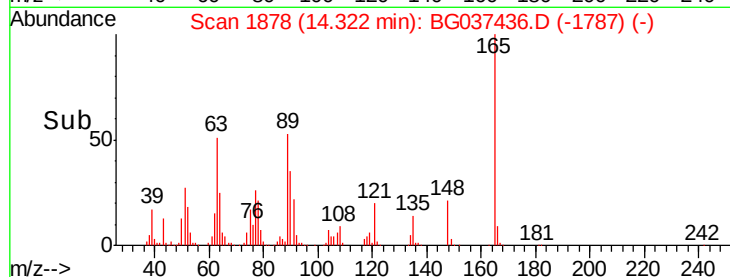
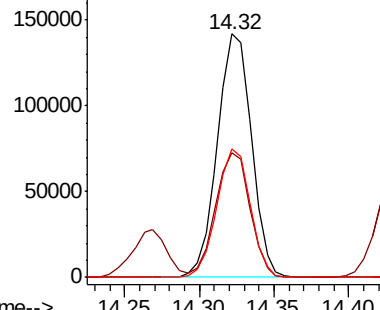
#51  
 2,6-Dinitrotoluene  
 Concen: 42.927 ng  
 RT: 14.32 min Scan# 1878  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:165 Resp: 224206  
 Ion Ratio Lower Upper  
 165 100  
 63 51.3 43.4 65.2  
 89 52.6 45.8 68.6

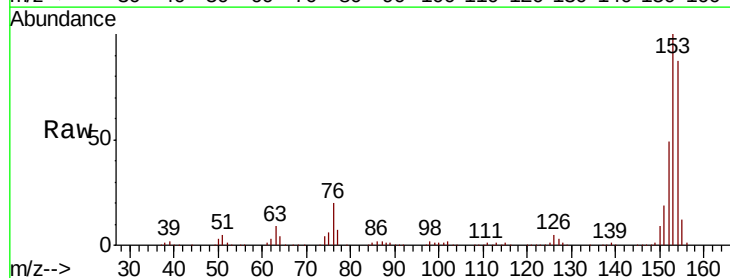


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 89.00 (88.70 to 89.70): BGC

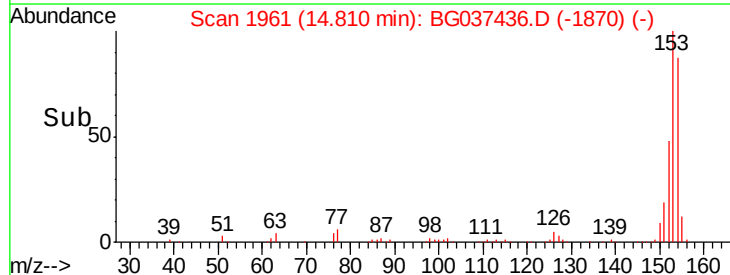
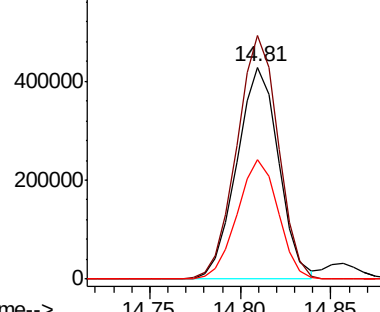


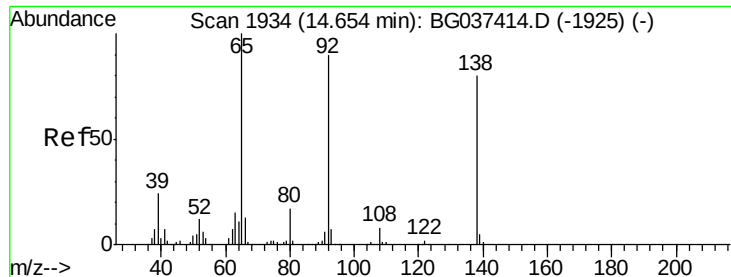
#52  
 Acenaphthene  
 Concen: 38.704 ng  
 RT: 14.81 min Scan# 1961  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

Tgt Ion:154 Resp: 685639  
 Ion Ratio Lower Upper  
 154 100  
 153 115.0 93.4 140.0  
 152 56.6 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: 42.189 ng

RT: 14.66 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

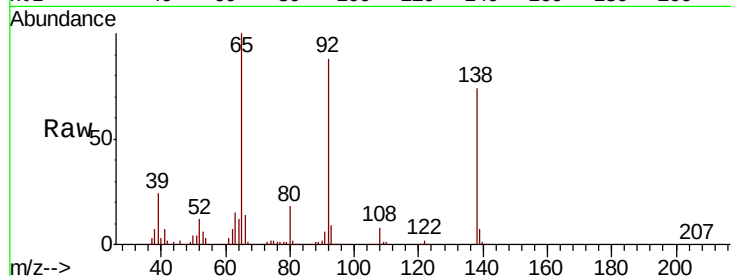
Tot Ion:138 Resp: 244621

Ion Ratio Lower Upper

138 100

108 10.2 11.0 16.6#

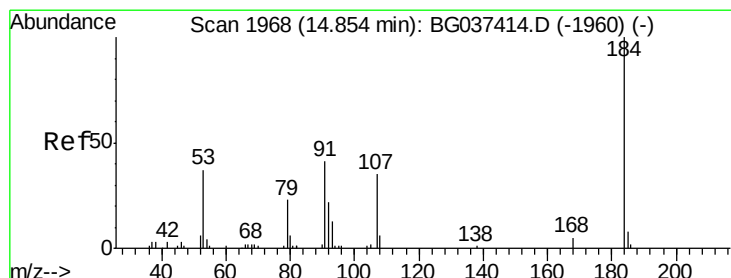
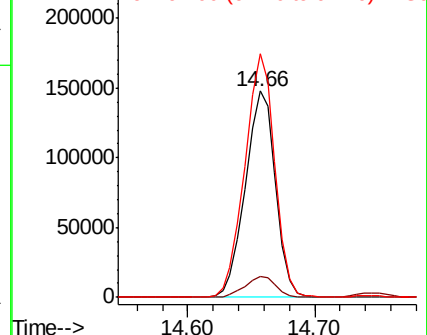
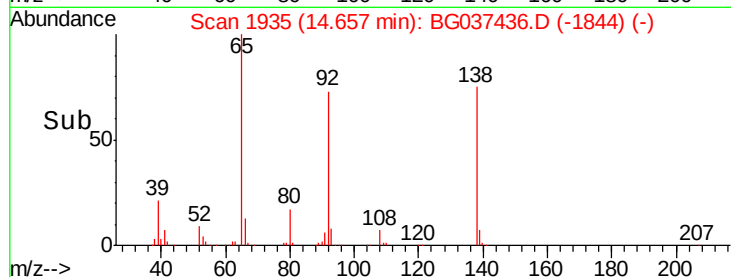
92 118.3 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 50.794 ng

RT: 14.86 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

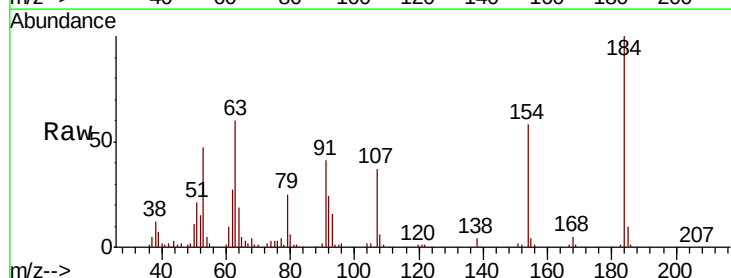
Tgt Ion:184 Resp: 88498

Ion Ratio Lower Upper

184 100

63 60.1 42.6 63.8

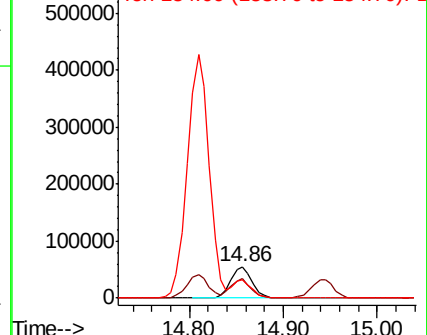
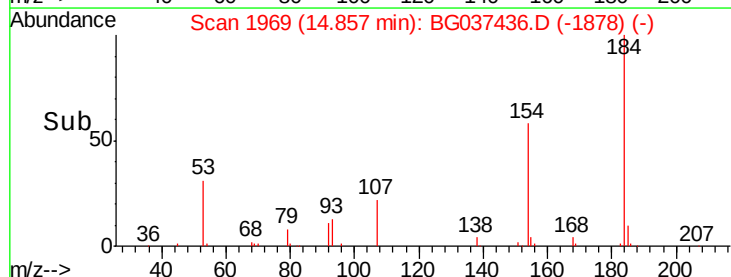
154 57.8 41.8 62.6

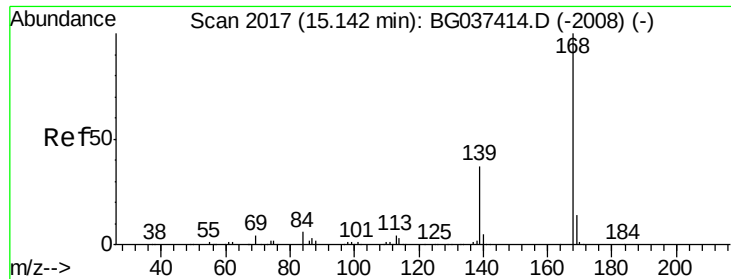


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

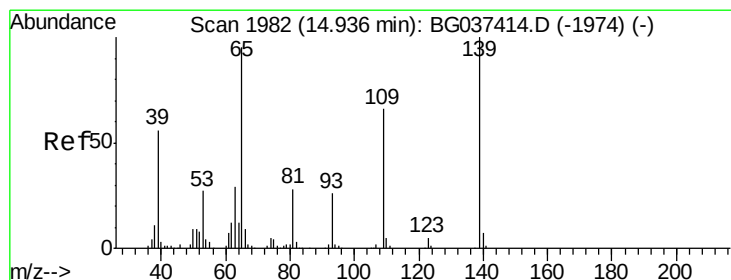
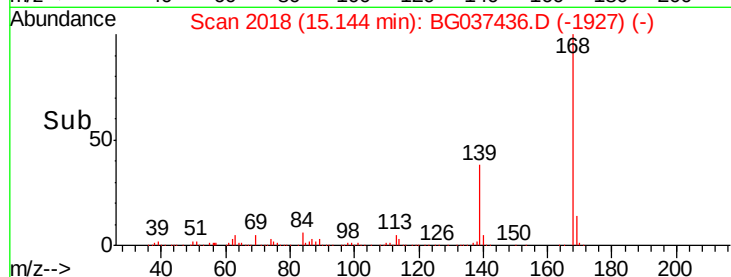
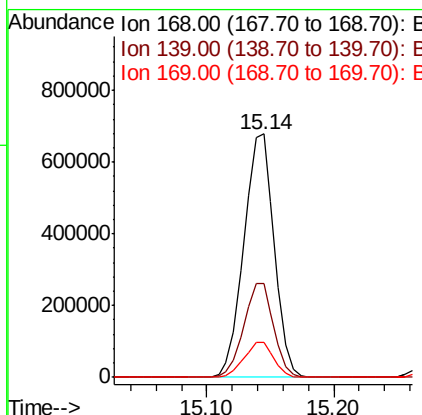
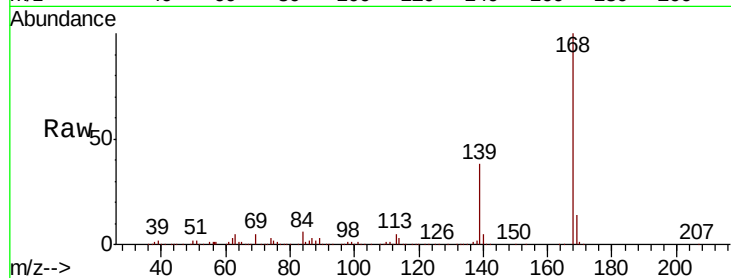




#55  
Dibenzofuran  
Concen: 38.308 ng  
RT: 15.14 min Scan# 2018  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

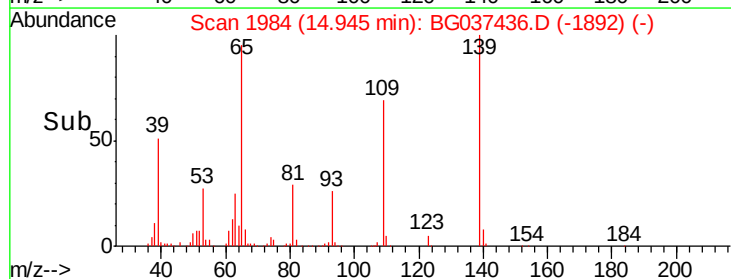
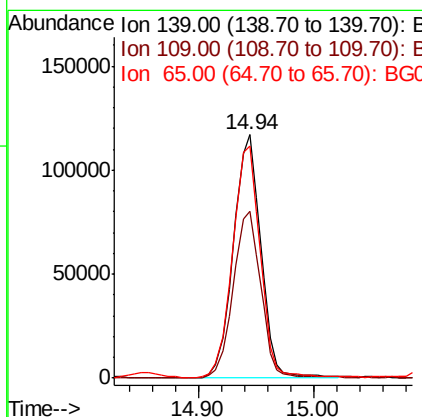
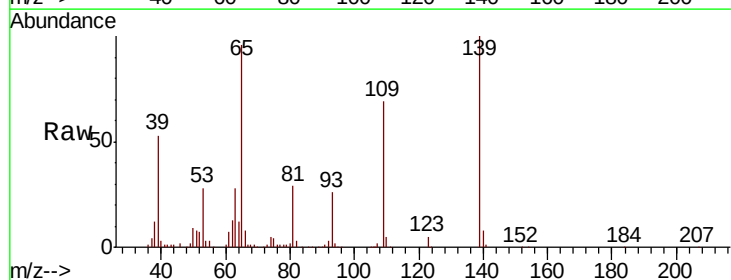
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:168 Resp: 1124350  
Ion Ratio Lower Upper  
168 100  
139 38.5 29.4 44.0  
169 14.5 11.0 16.6

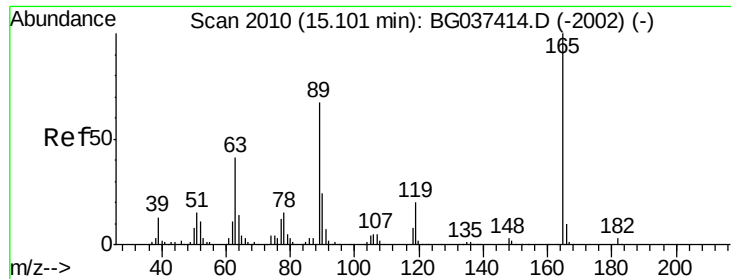


#56  
4-Nitrophenol  
Concen: 44.881 ng  
RT: 14.94 min Scan# 1984  
Delta R.T. 0.01 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Tgt Ion:139 Resp: 192623  
Ion Ratio Lower Upper  
139 100  
109 68.7 49.5 89.5  
65 95.6 76.8 116.8



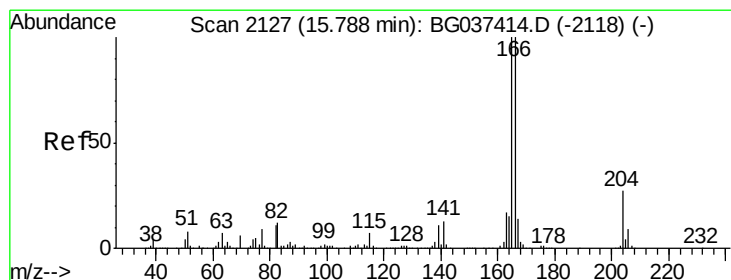
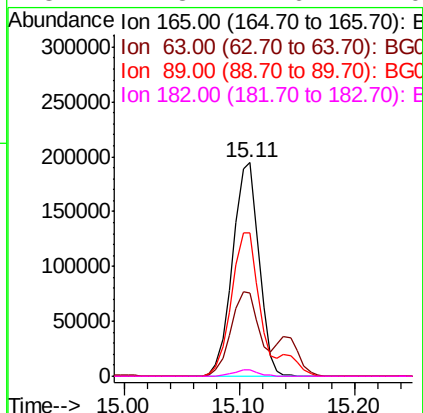
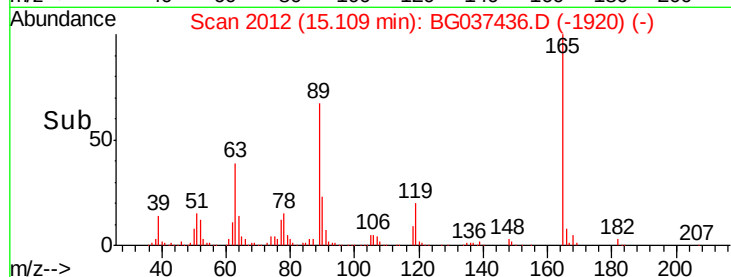
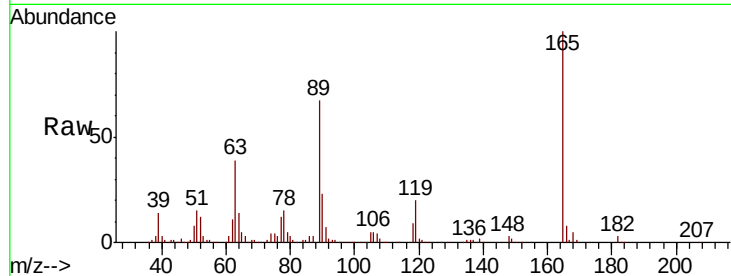




#57  
2,4-Dinitrotoluene  
Concen: 44.925 ng  
RT: 15.11 min Scan# 2102  
Delta R.T. 0.01 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

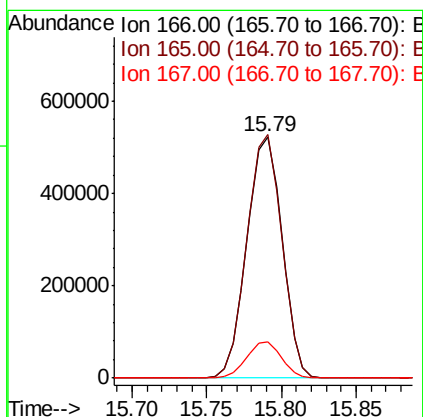
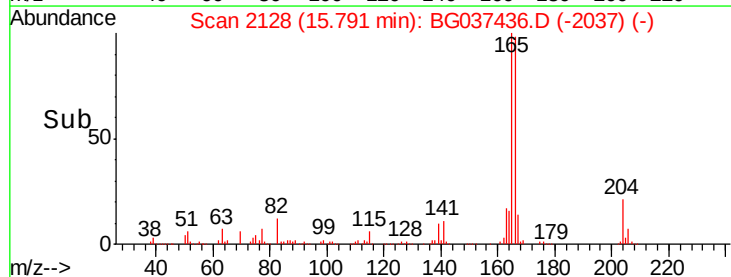
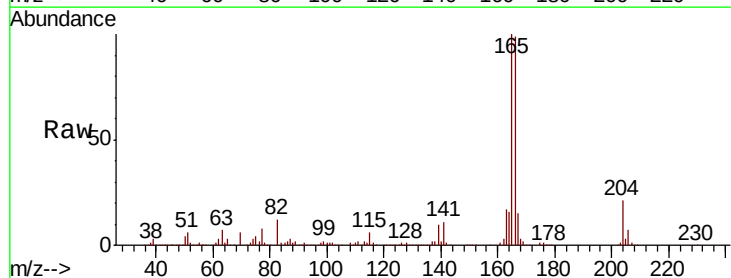
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

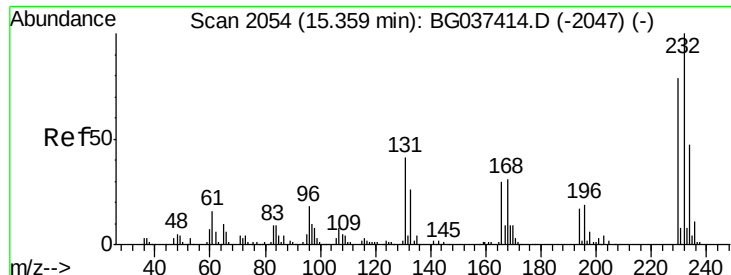
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.1  | 33.4  | 50.0  |
| 89      | 67.4  | 57.2  | 85.8  |
| 182     | 2.8   | 2.6   | 4.0   |



#58  
Fluorene  
Concen: 38.909 ng  
RT: 15.79 min Scan# 2128  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.9 | 79.0  | 118.6 |
| 167     | 14.8  | 11.3  | 16.9  |

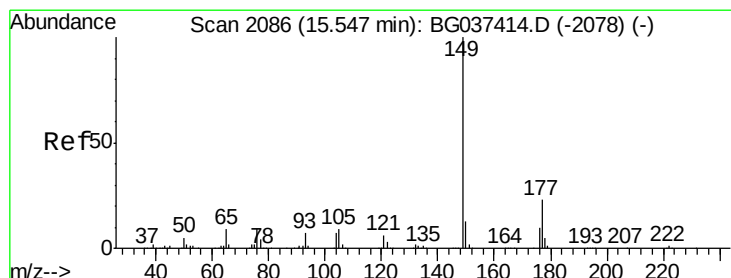
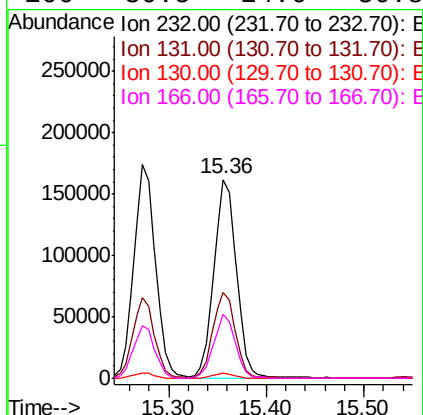
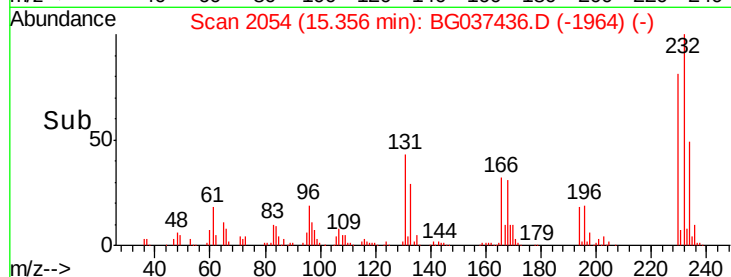
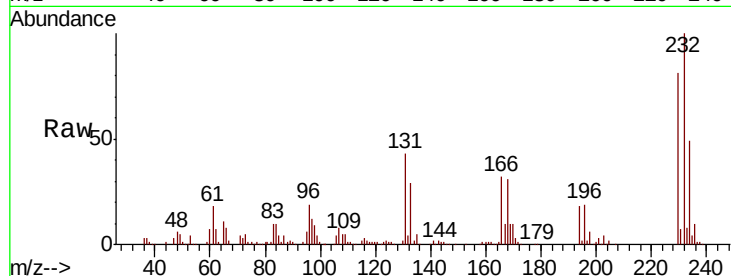




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.609 ng  
RT: 15.36 min Scan# 2054  
Delta R.T. -0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

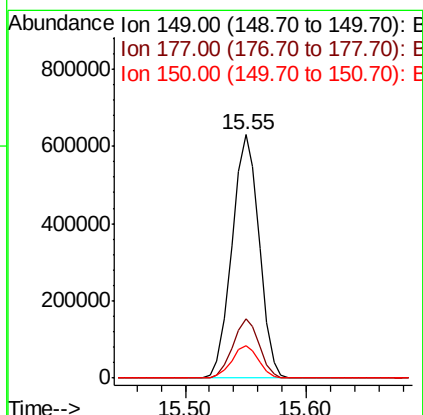
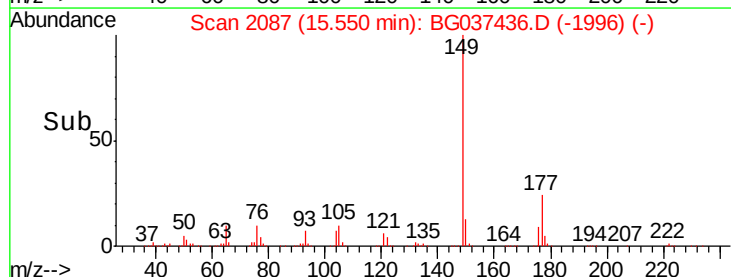
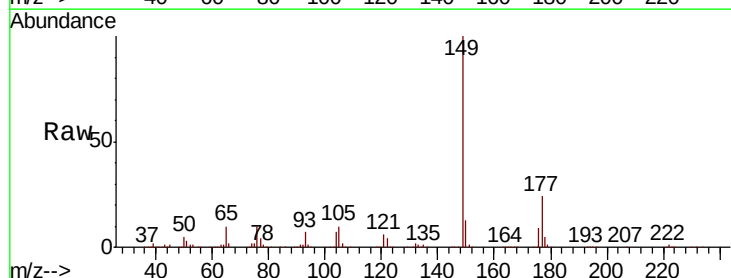
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

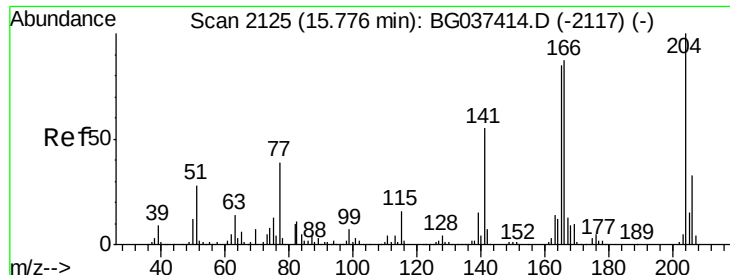
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.6  | 33.7  | 50.5  |
| 130     | 2.3   | 2.1   | 3.1   |
| 166     | 30.5  | 24.6  | 36.8  |



#60  
Diethylphthalate  
Concen: 40.640 ng  
RT: 15.55 min Scan# 2087  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.1  | 18.3  | 27.5  |
| 150     | 13.2  | 10.0  | 15.0  |

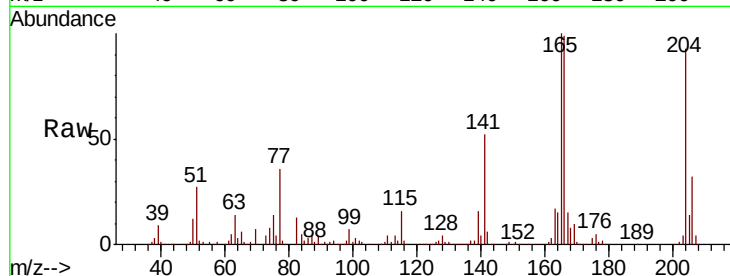




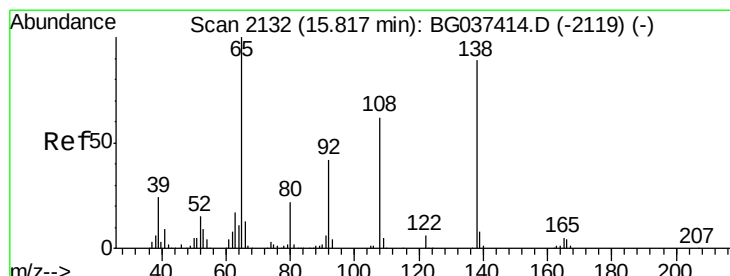
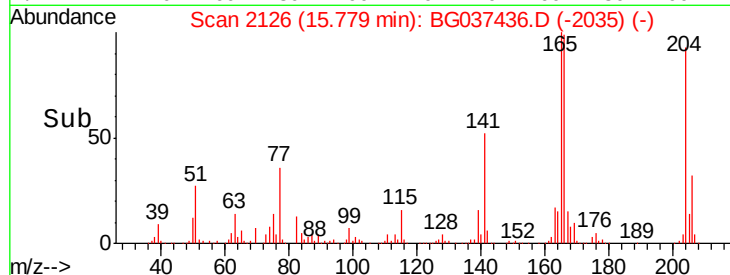
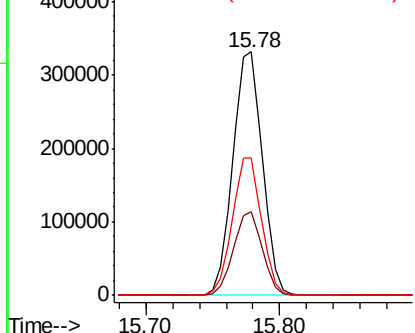
#61  
4-Chlorophenyl-phenylether  
Concen: 39.708 ng  
RT: 15.78 min Scan# 2126  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:204 Resp: 508693  
Ion Ratio Lower Upper  
204 100  
206 34.3 26.6 39.8  
141 56.2 45.4 68.2

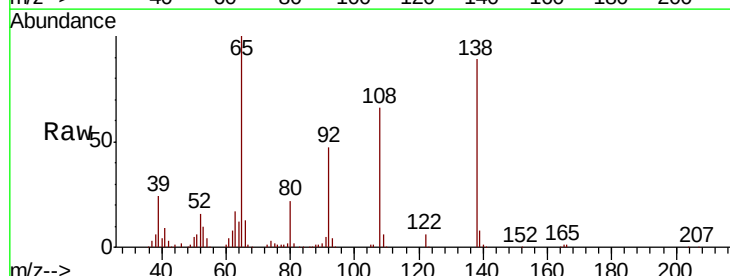


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

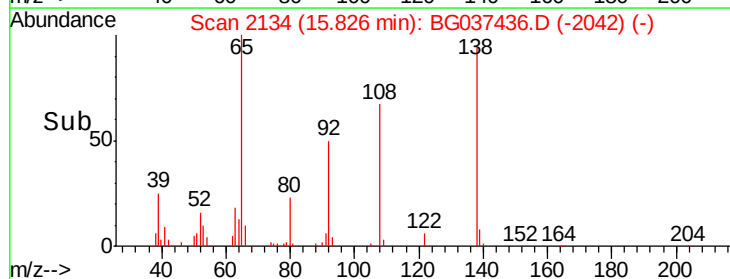
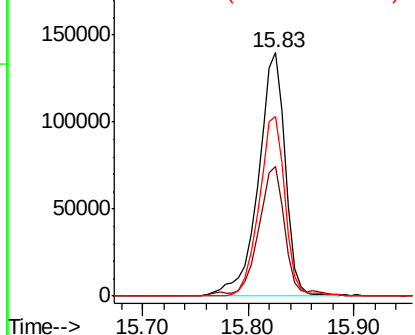


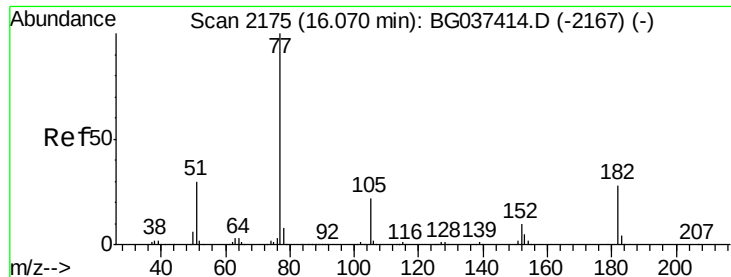
#62  
4-Nitroaniline  
Concen: 43.097 ng  
RT: 15.83 min Scan# 2134  
Delta R.T. 0.01 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Tgt Ion:138 Resp: 248305  
Ion Ratio Lower Upper  
138 100  
92 53.2 36.4 76.4  
108 73.9 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E

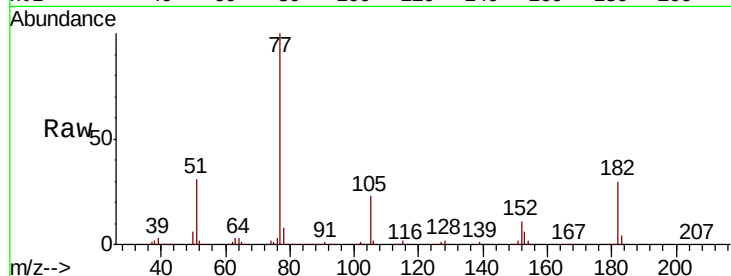




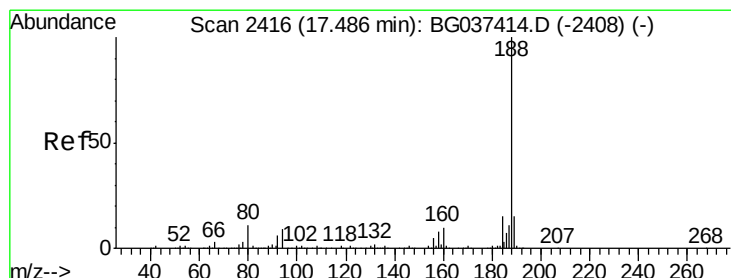
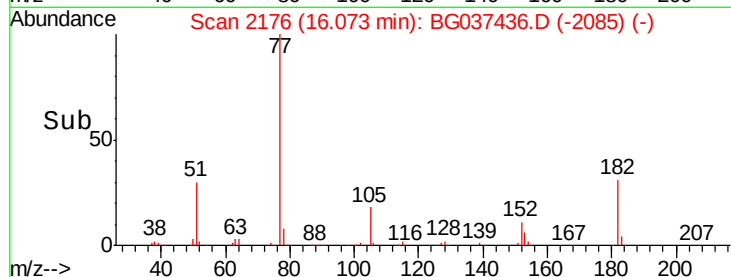
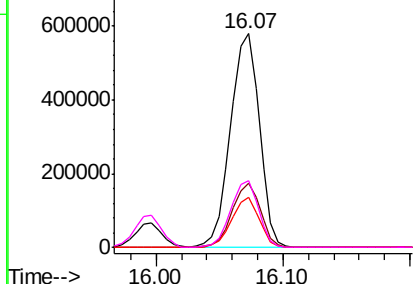
#63  
Azobenzene  
Concen: 39.394 ng  
RT: 16.07 min Scan# 2176  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 911072 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 29.8  | 8.0   | 48.0   |
| 105      | 23.2  | 1.3   | 41.3   |
| 51       | 31.0  | 10.7  | 50.7   |

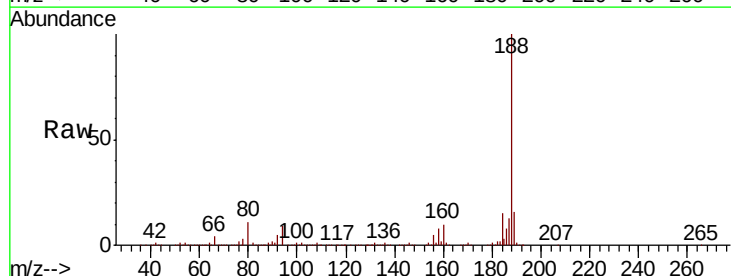


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

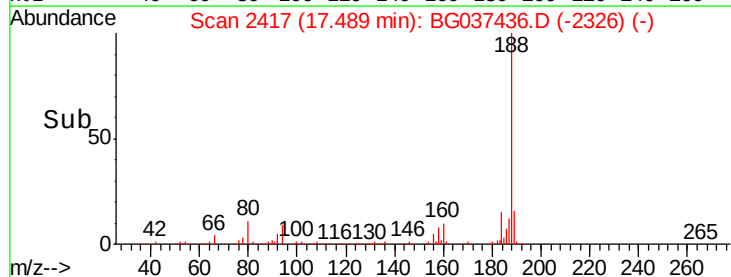
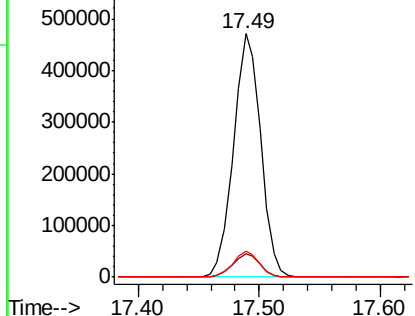


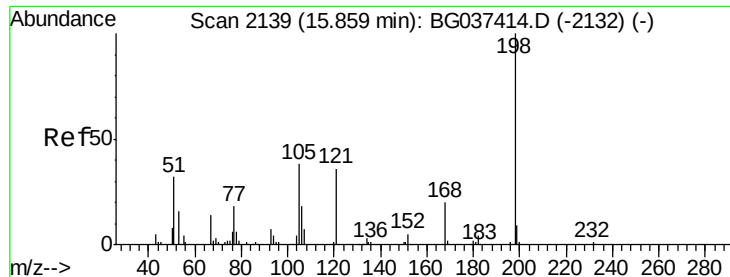
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.49 min Scan# 2417  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 738130 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.5   | 7.2   | 10.8   |
| 80       | 10.7  | 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: 43.870 ng

RT: 15.87 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

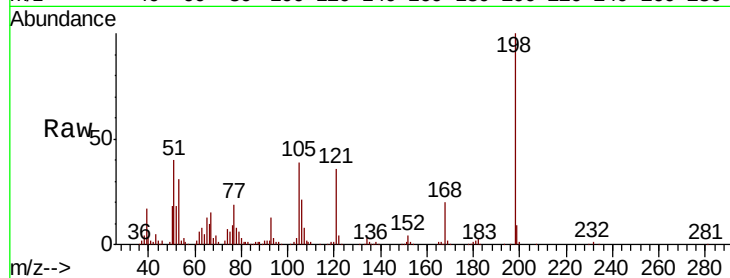
BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 166480

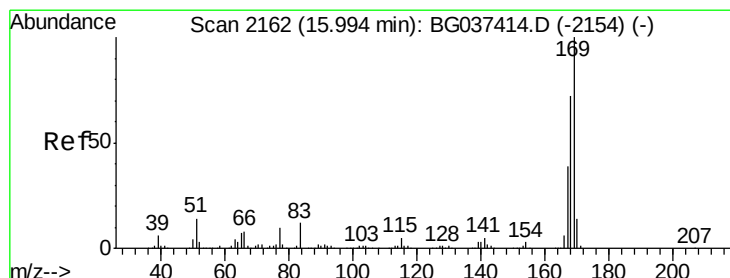
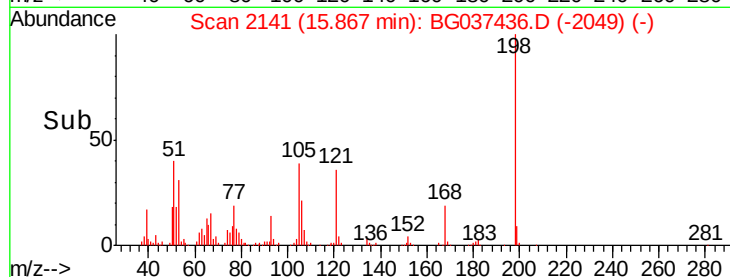
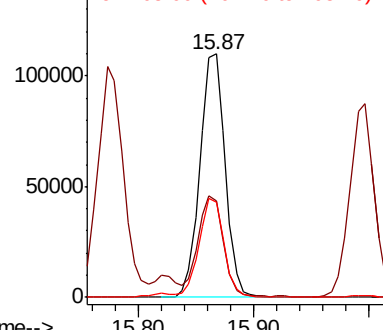
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 39.8  | 22.7  | 62.7  |
| 105 | 38.9  | 19.7  | 59.7  |



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: 38.657 ng

RT: 16.00 min Scan# 2163

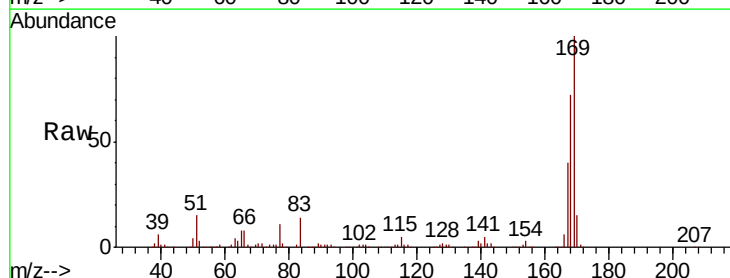
Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Tgt Ion:169 Resp: 858313

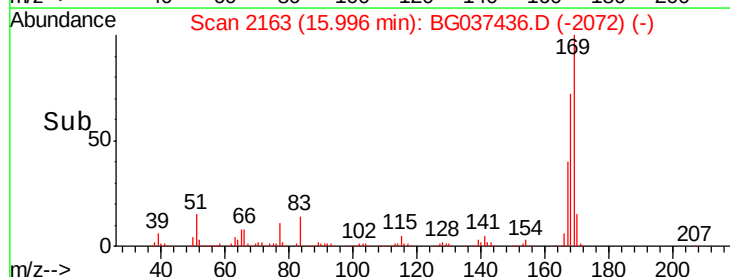
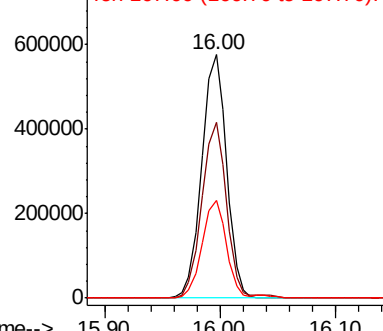
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 72.0  | 55.7  | 83.5  |
| 167 | 40.1  | 31.3  | 46.9  |

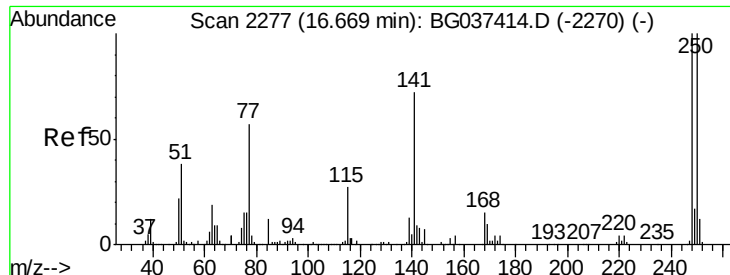


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

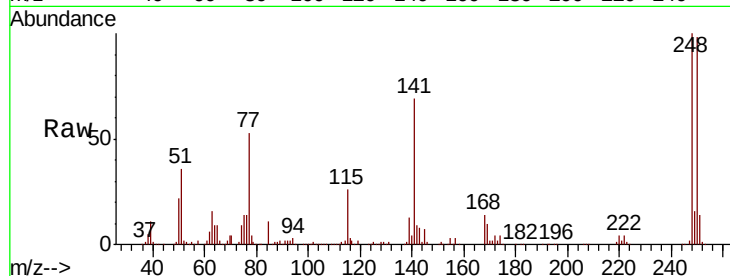




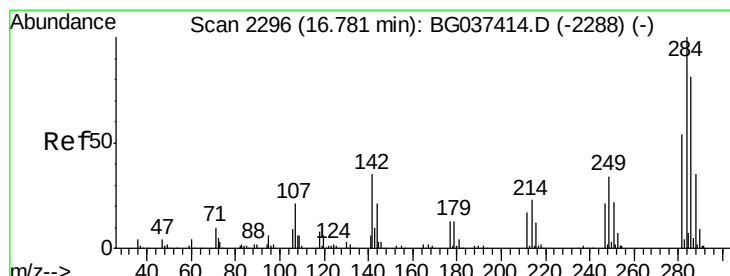
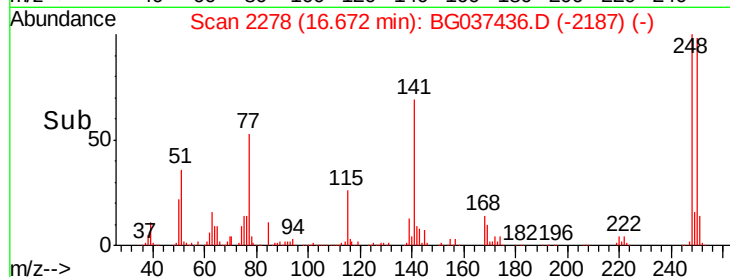
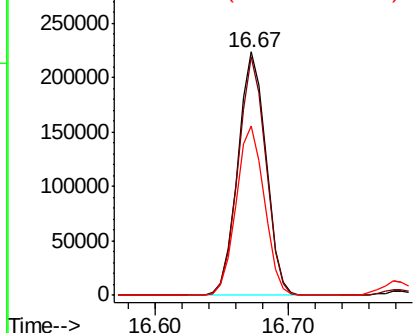
#67  
4-Bromophenyl-phenylether  
Concen: 40.167 ng  
RT: 16.67 min Scan# 2278  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:248 Resp: 325587  
Ion Ratio Lower Upper  
248 100  
250 98.1 77.0 115.6  
141 69.5 55.5 83.3

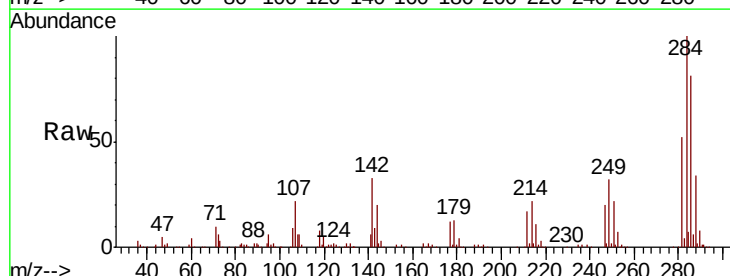


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

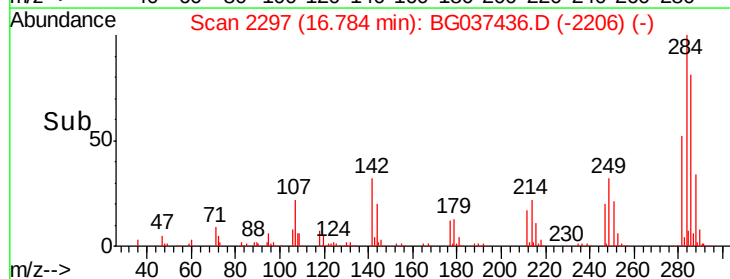
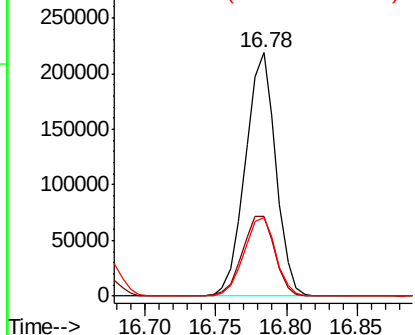


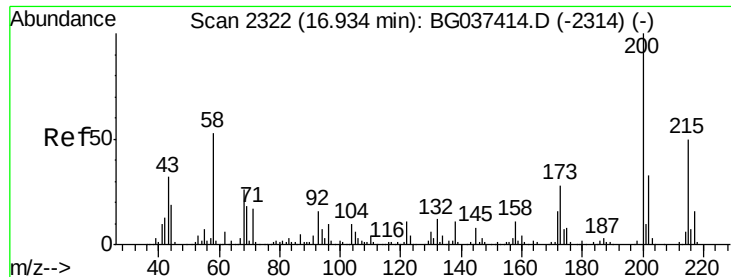
#68  
Hexachlorobenzene  
Concen: 39.327 ng  
RT: 16.78 min Scan# 2297  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Tgt Ion:284 Resp: 330388  
Ion Ratio Lower Upper  
284 100  
142 32.9 28.1 42.1  
249 34.6 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: 29.174 ng

RT: 16.94 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

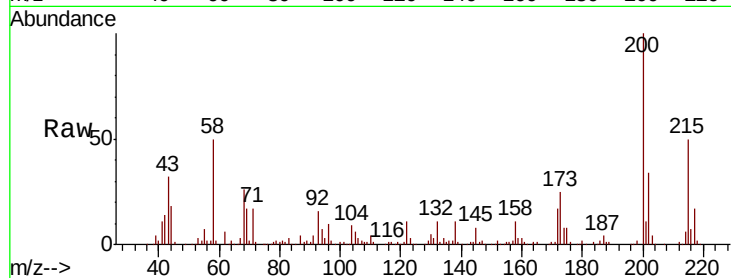
Tot Ion:200 Resp: 234197

Ion Ratio Lower Upper

200 100

173 25.4 6.1 46.1

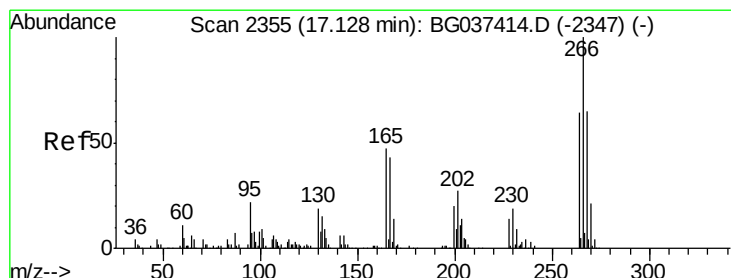
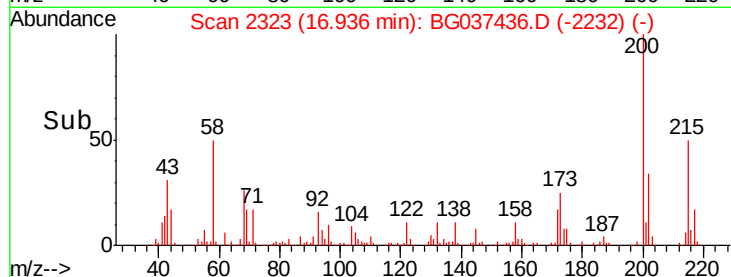
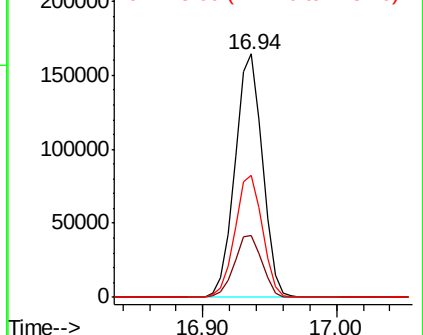
215 50.1 30.8 70.8



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: 44.264 ng

RT: 17.12 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

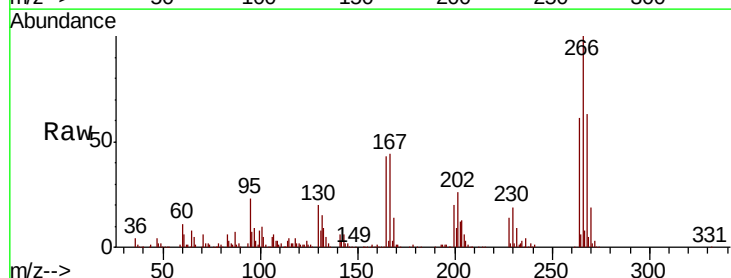
Tgt Ion:266 Resp: 249087

Ion Ratio Lower Upper

266 100

268 67.5 55.0 82.6

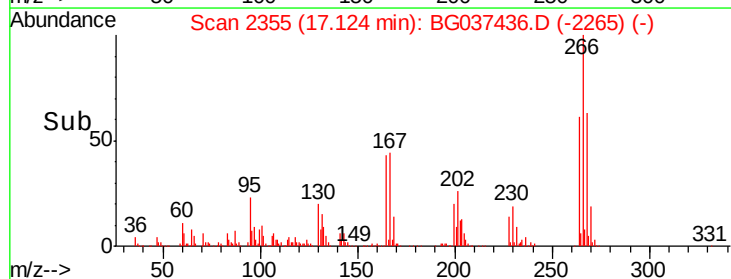
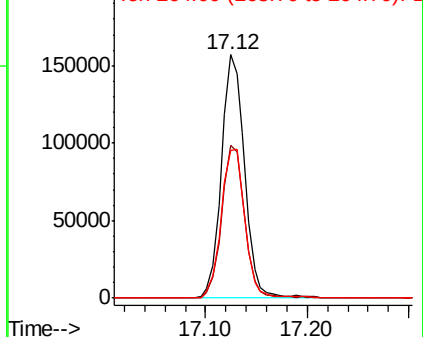
264 66.3 58.9 88.3

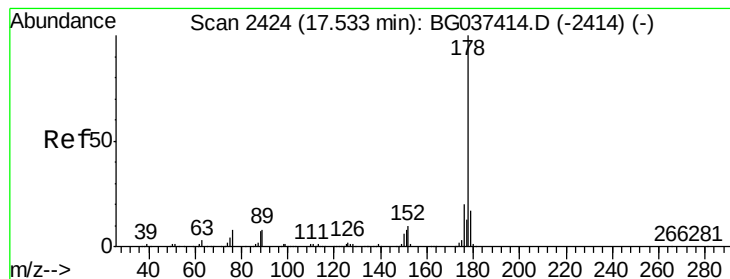


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.369 ng

RT: 17.54 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

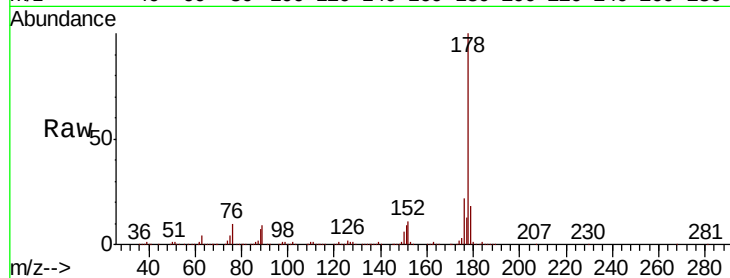
Tot Ion:178 Resp: 1401883

Ion Ratio Lower Upper

178 100

176 22.4 16.1 24.1

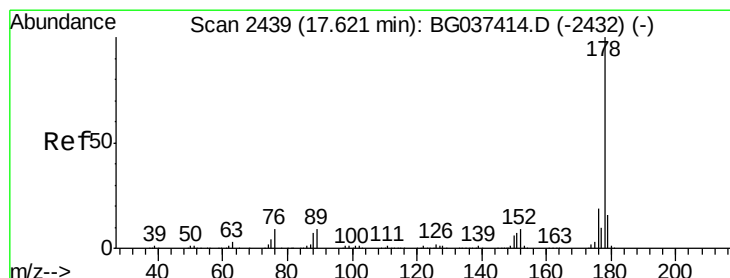
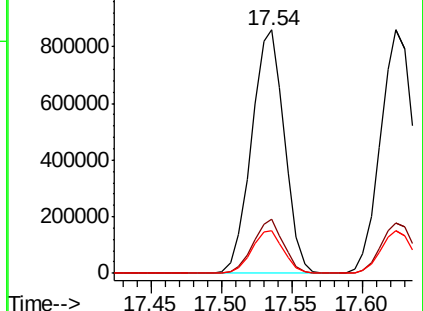
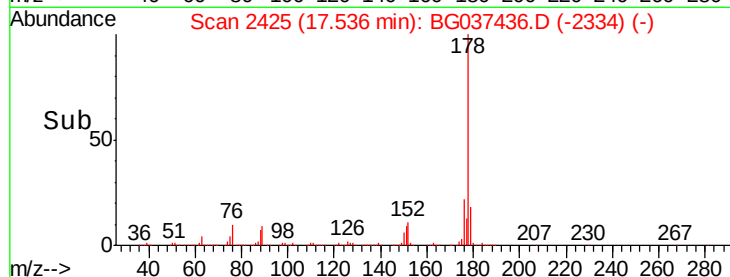
179 17.5 13.0 19.4



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: 37.892 ng

RT: 17.62 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

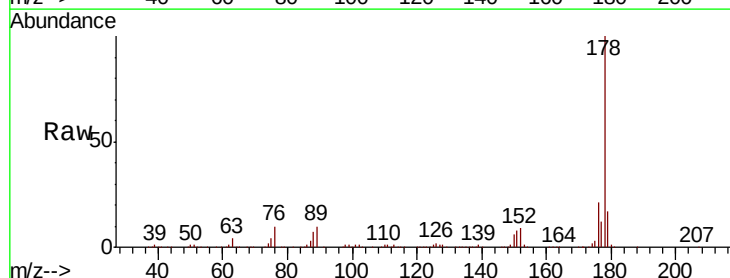
Tgt Ion:178 Resp: 1394995

Ion Ratio Lower Upper

178 100

176 20.8 15.0 22.4

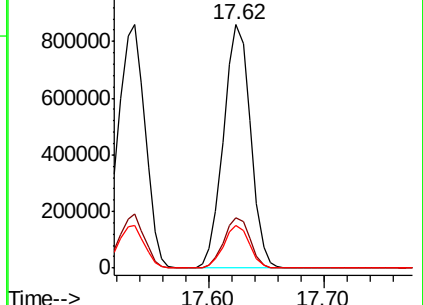
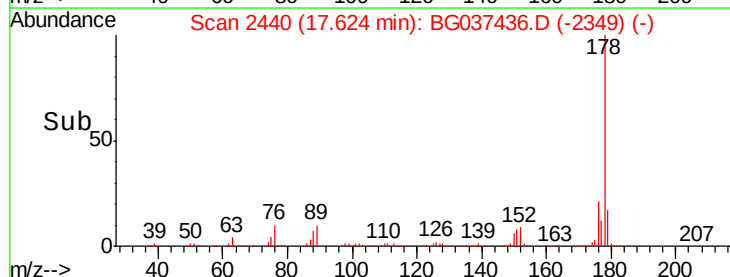
179 17.5 12.8 19.2



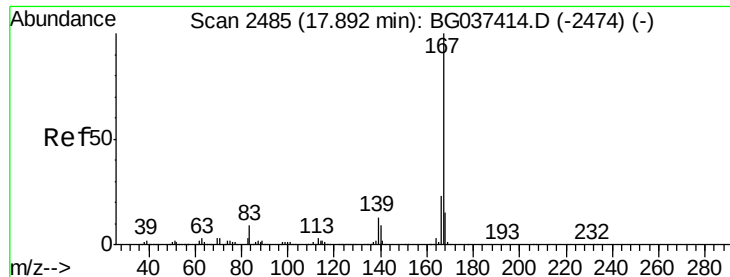
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



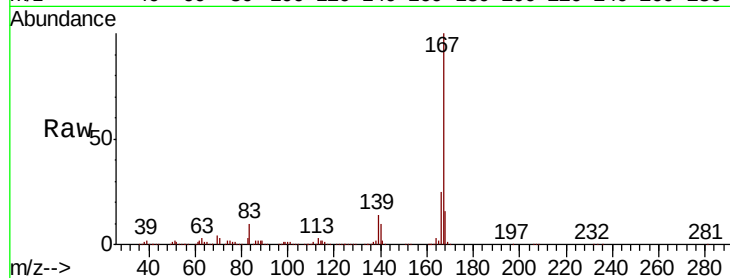




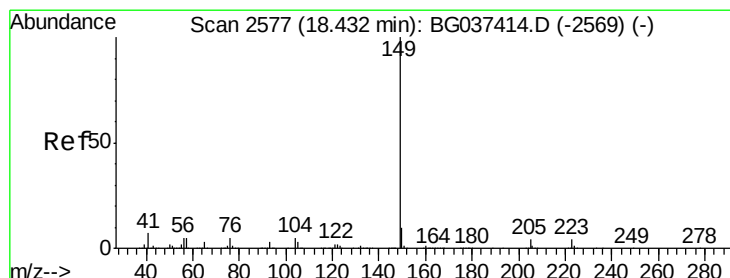
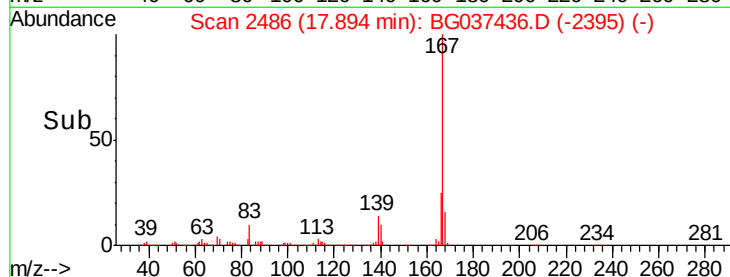
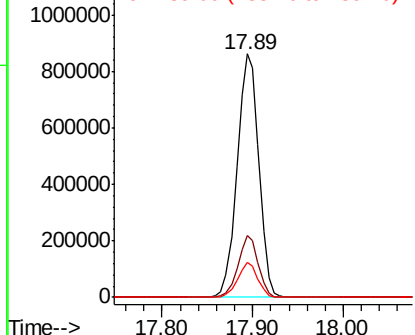
#73  
 Carbazole  
 Concen: 38.703 ng  
 RT: 17.89 min Scan# 2486  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:167 Resp: 1425256  
 Ion Ratio Lower Upper  
 167 100  
 166 25.3 18.3 27.5  
 139 14.3 10.5 15.7

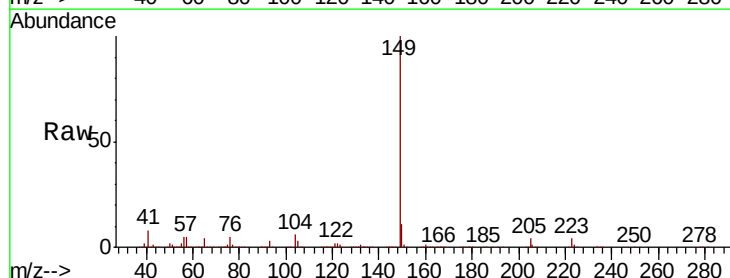


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

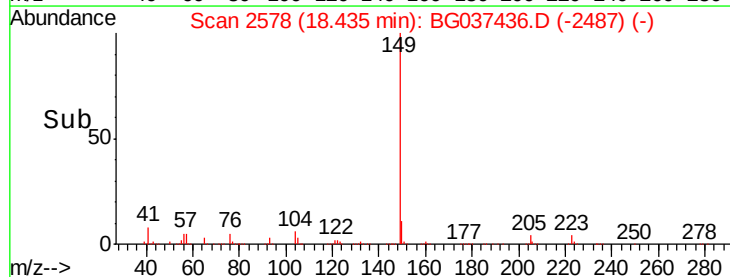
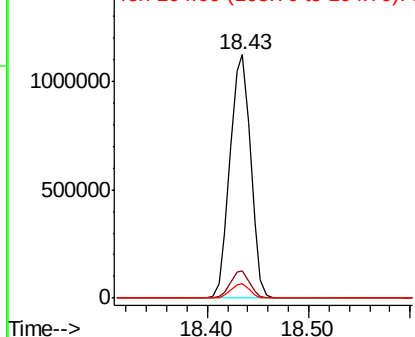


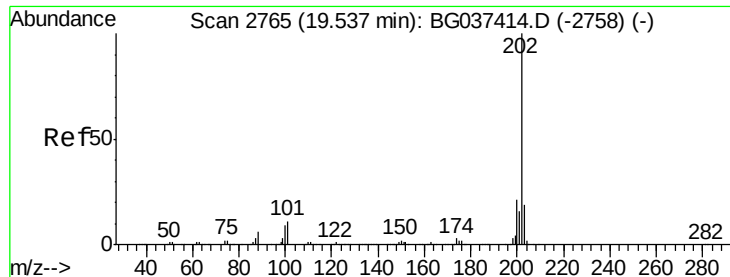
#74  
 Di-n-butylphthalate  
 Concen: 38.833 ng  
 RT: 18.43 min Scan# 2578  
 Delta R.T. 0.00 min  
 Lab File: BG037436.D  
 Acq: 19 Oct 2018 1:46

Tgt Ion:149 Resp: 1590820  
 Ion Ratio Lower Upper  
 149 100  
 150 11.1 8.2 12.2  
 104 5.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.183 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

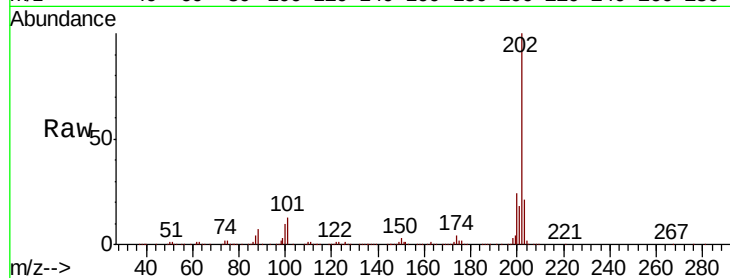
Tot Ion:202 Resp: 1624611

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.7

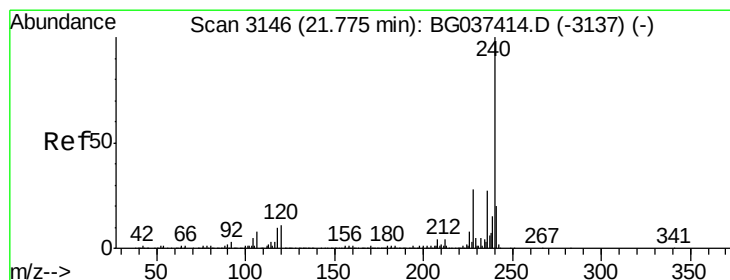
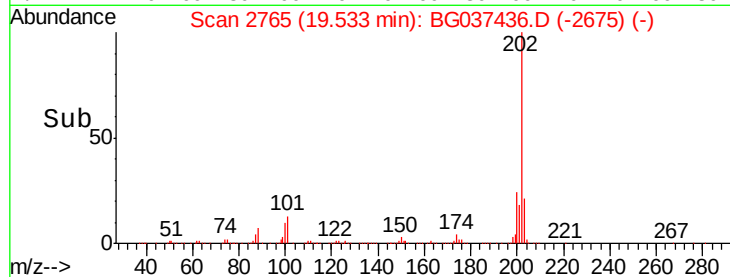
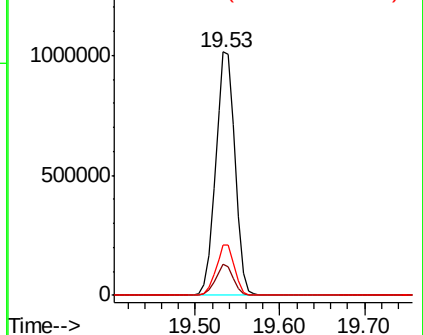
203 20.6 0.0 38.5



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: 21.78 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

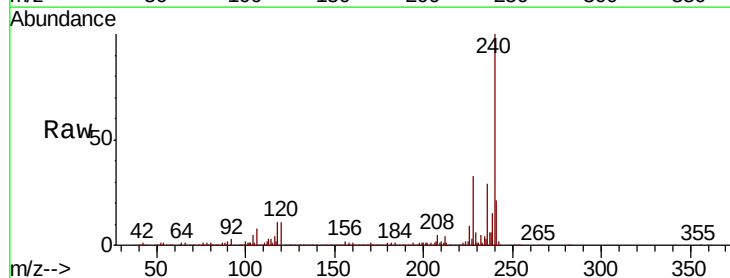
Tgt Ion:240 Resp: 661547

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

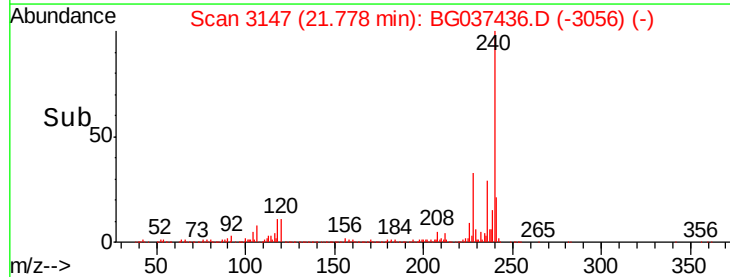
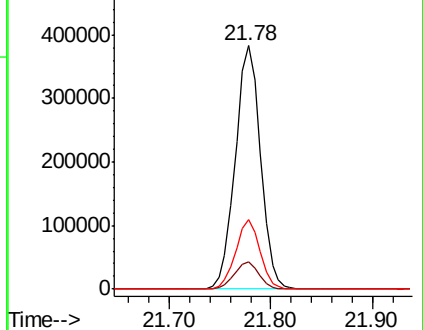
236 28.5 21.4 32.0

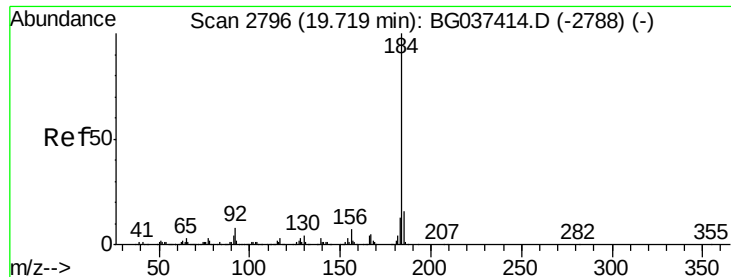


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.925 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

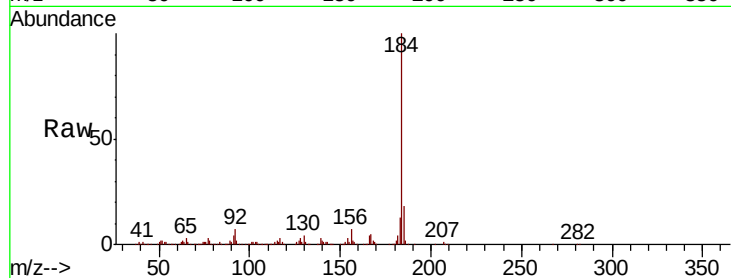
Tot Ion:184 Resp: 515679

Ion Ratio Lower Upper

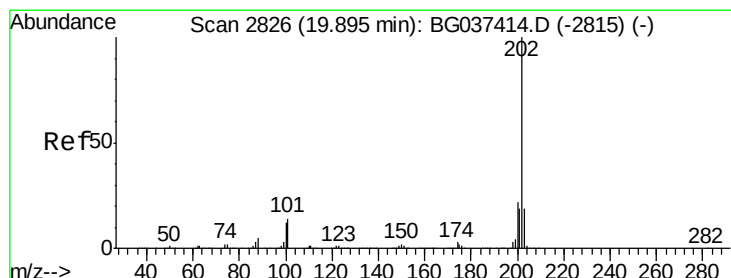
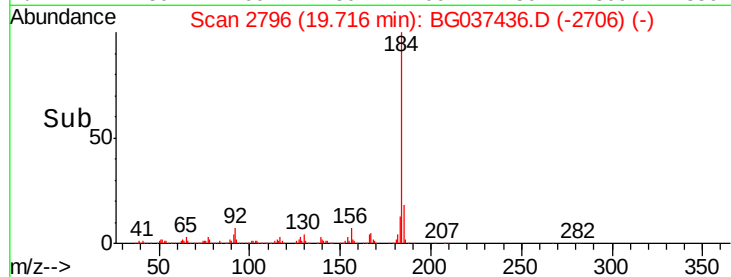
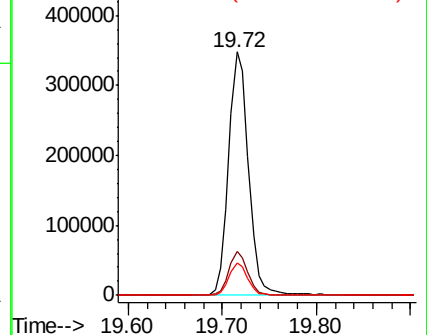
184 100

185 17.9 12.6 18.8

183 13.2 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: 38.038 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

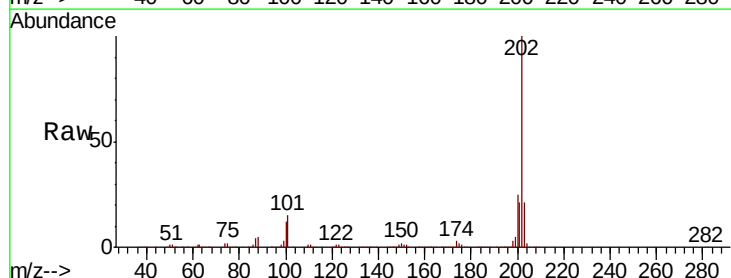
Tgt Ion:202 Resp: 1645010

Ion Ratio Lower Upper

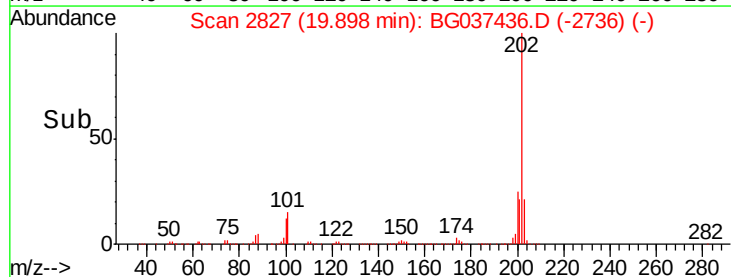
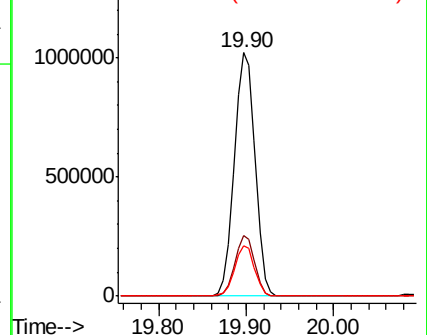
202 100

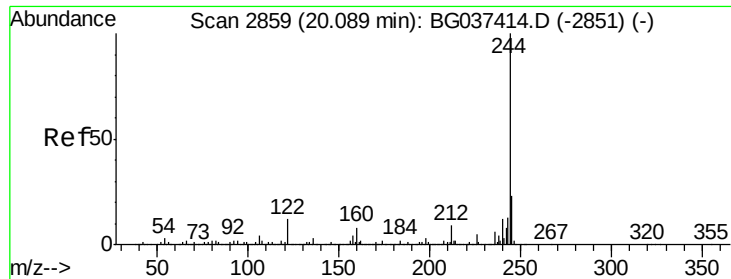
200 24.9 17.8 26.6

203 20.8 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: 70.688 ng

RT: 20.09 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

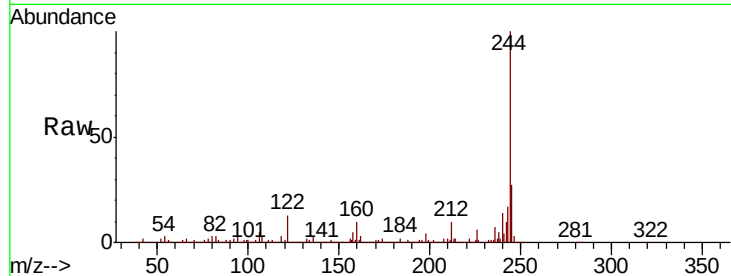
Tot Ion:244 Resp: 2188522

Ion Ratio Lower Upper

244 100

212 10.3 6.5 9.7#

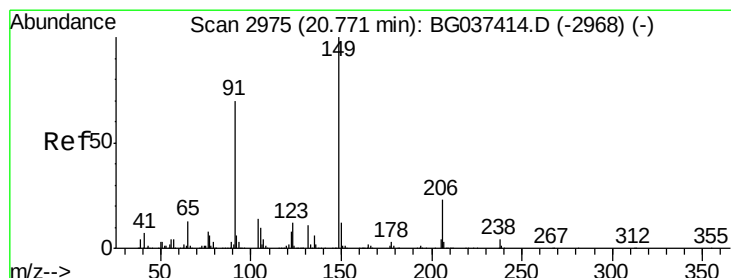
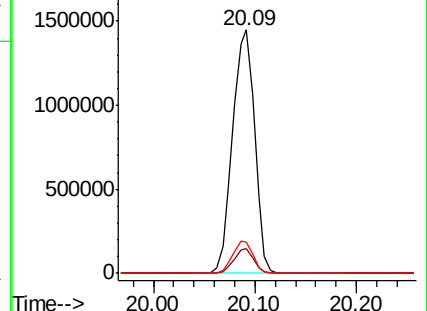
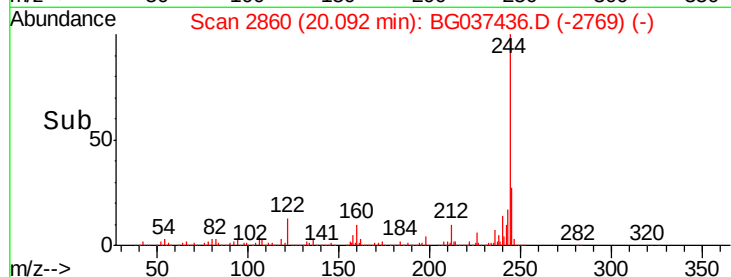
122 12.8 9.0 13.4



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: 41.860 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

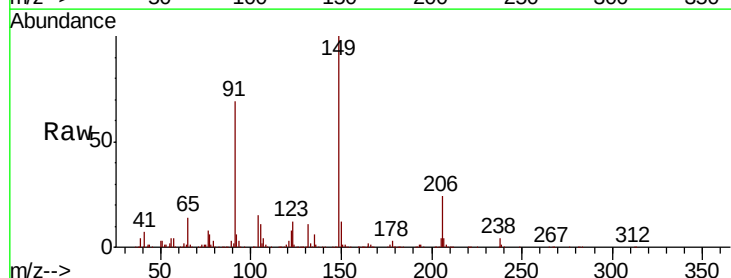
Tgt Ion:149 Resp: 740880

Ion Ratio Lower Upper

149 100

91 68.8 57.0 85.4

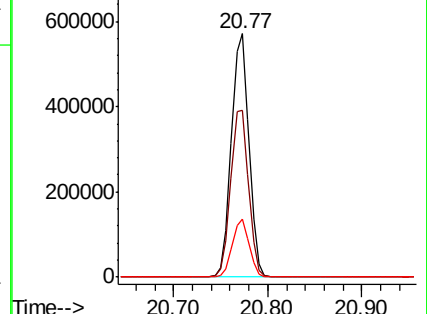
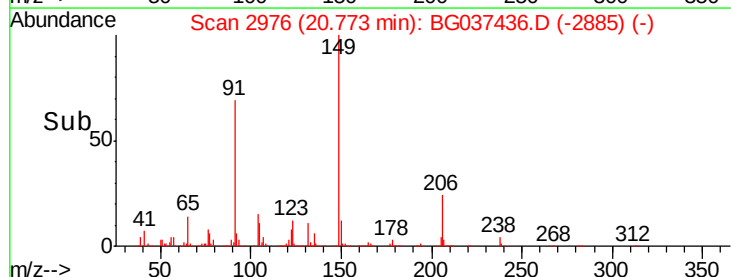
206 23.6 17.8 26.6

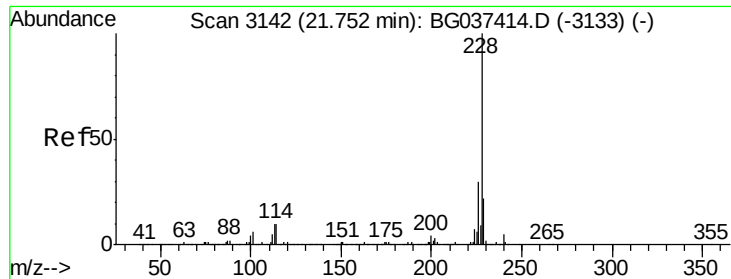


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

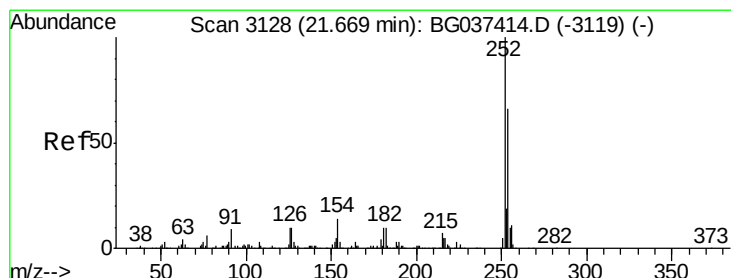
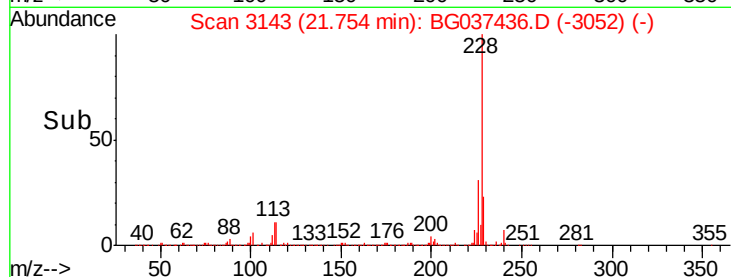
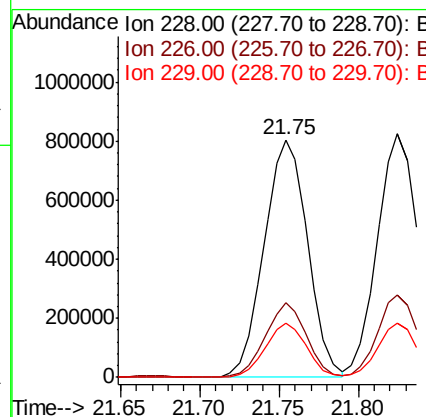
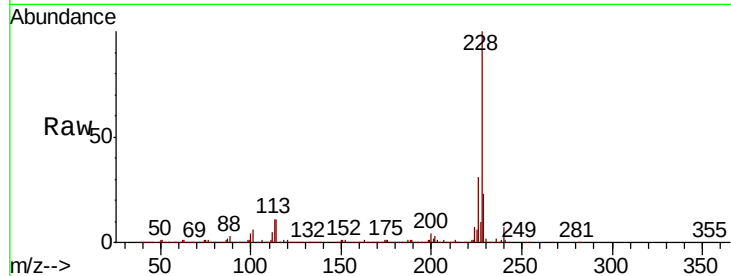




#81  
Benzo(a)anthracene  
Concen: 39.061 ng  
RT: 21.75 min Scan# 3143  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

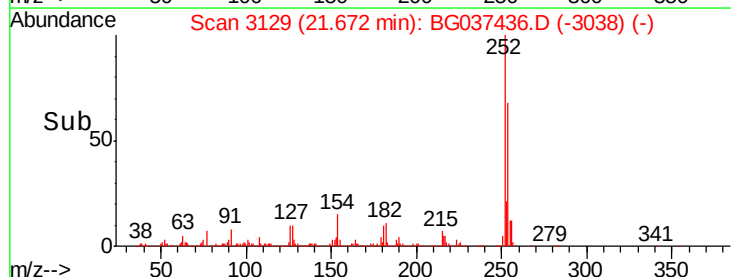
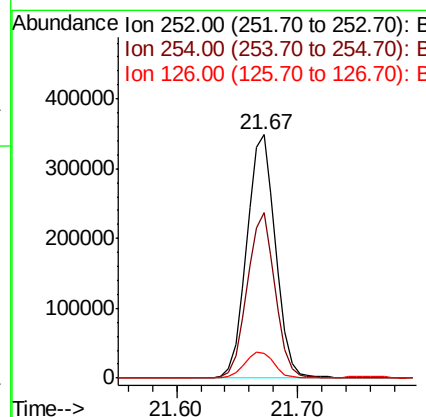
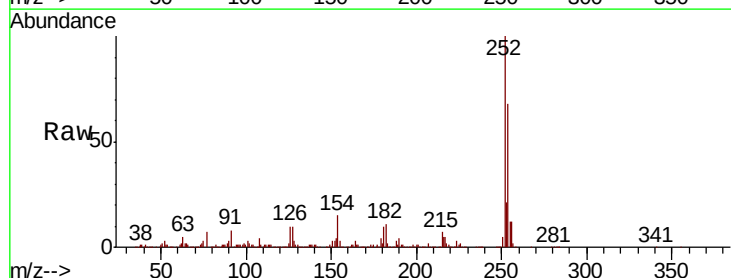
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

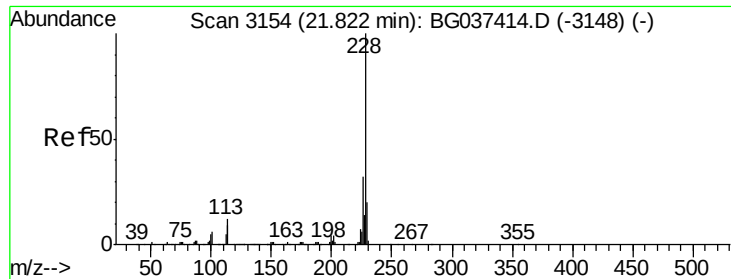
Tot Ion:228 Resp: 1528438  
Ion Ratio Lower Upper  
228 100  
226 31.3 22.6 33.8  
229 23.0 16.3 24.5



#82  
3,3'-Dichlorobenzidine  
Concen: 38.181 ng  
RT: 21.67 min Scan# 3129  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Tgt Ion:252 Resp: 579094  
Ion Ratio Lower Upper  
252 100  
254 68.0 52.0 78.0  
126 10.3 8.2 12.4





#83

Chrysene

Concen: 38.581 ng

RT: 21.82 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

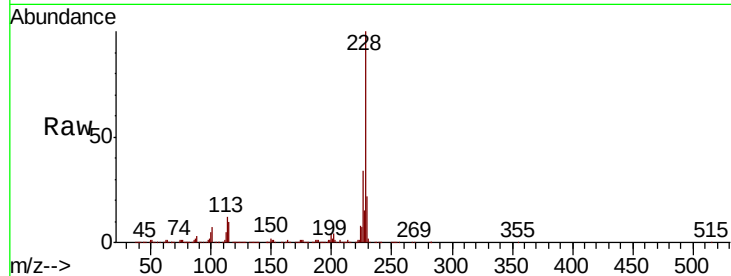
Tot Ion:228 Resp: 1451650

Ion Ratio Lower Upper

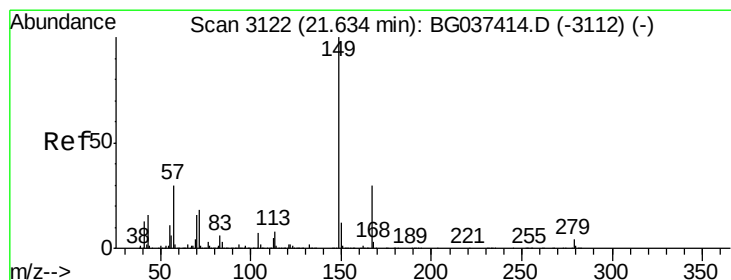
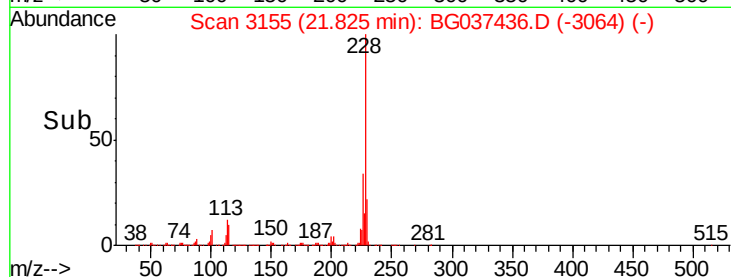
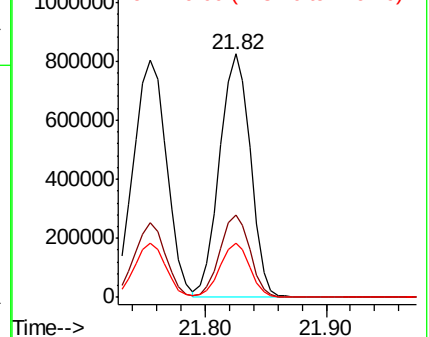
228 100

226 34.0 25.7 38.5

229 22.1 16.5 24.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.658 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

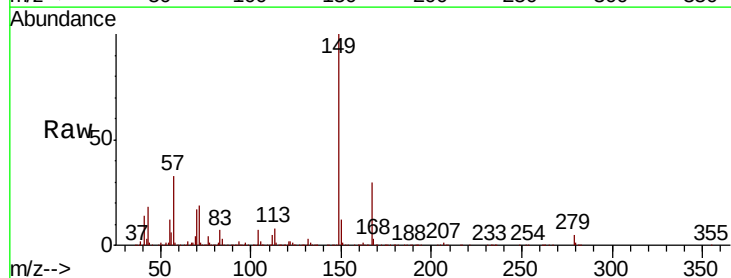
Tgt Ion:149 Resp: 1033491

Ion Ratio Lower Upper

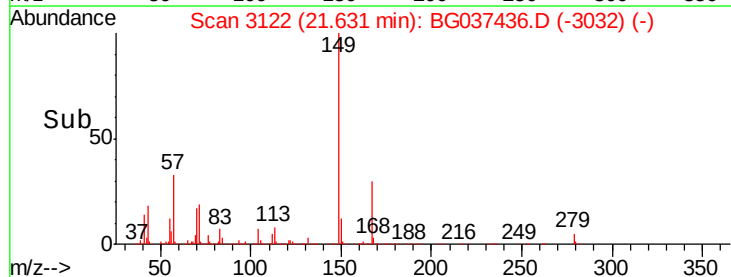
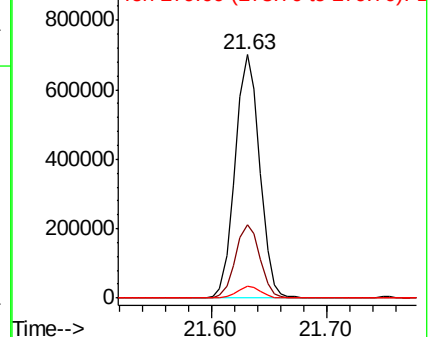
149 100

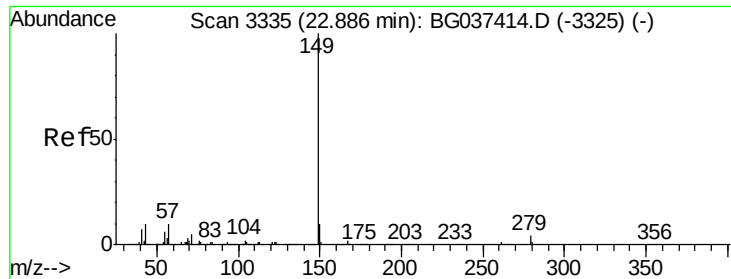
167 30.4 23.0 34.4

279 4.8 3.6 5.4



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

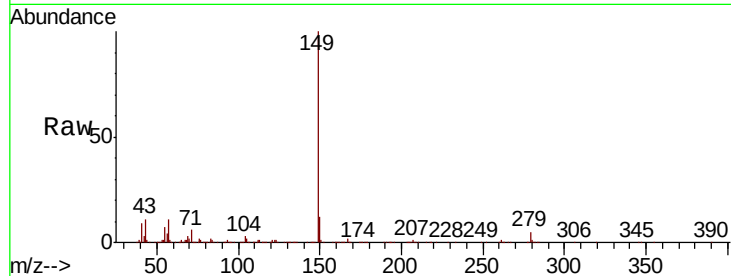




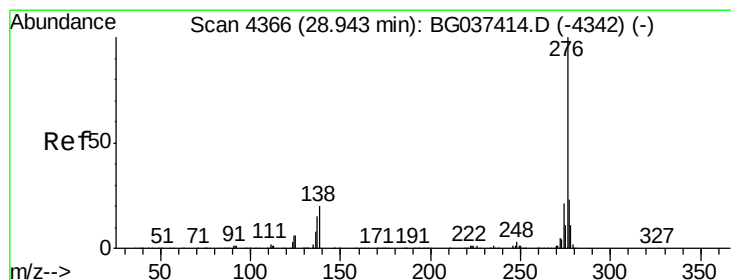
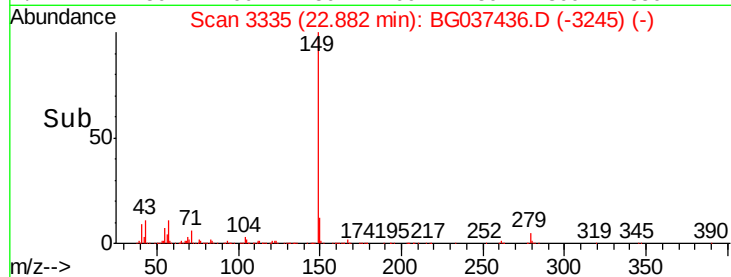
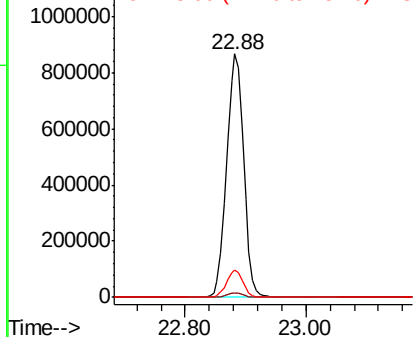
#85  
Di-n-octyl phthalate  
Concen: 42.128 ng  
RT: 22.88 min Scan# 3335  
Delta R.T. -0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:149 Resp: 1704286  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.3 1.9  
43 10.6 8.7 13.1

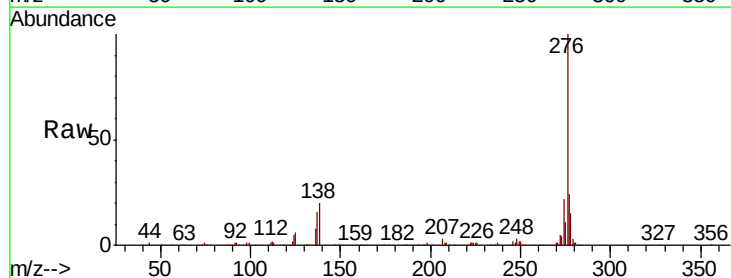


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

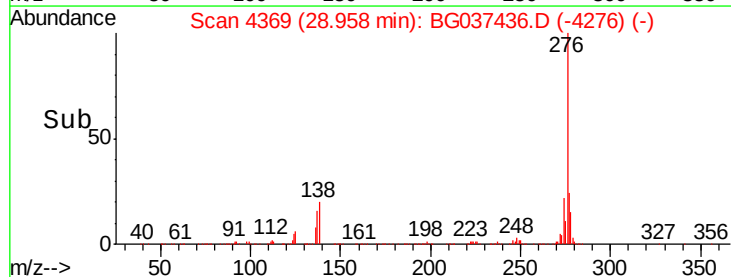
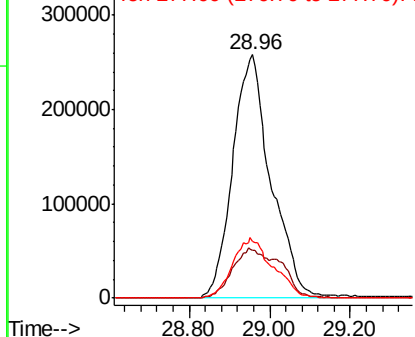


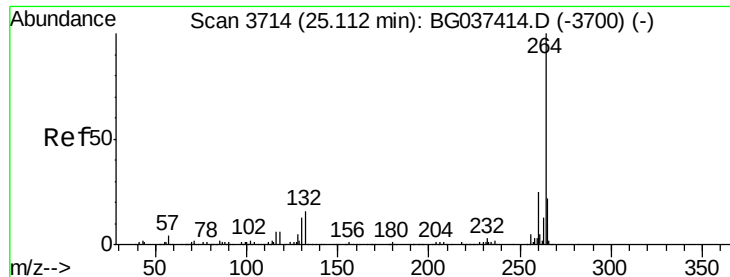
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 42.277 ng  
RT: 28.96 min Scan# 4369  
Delta R.T. 0.01 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Tgt Ion:276 Resp: 1706153  
Ion Ratio Lower Upper  
276 100  
138 25.7 12.0 18.0#  
277 26.0 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: 25.12 min Scan# 3715

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

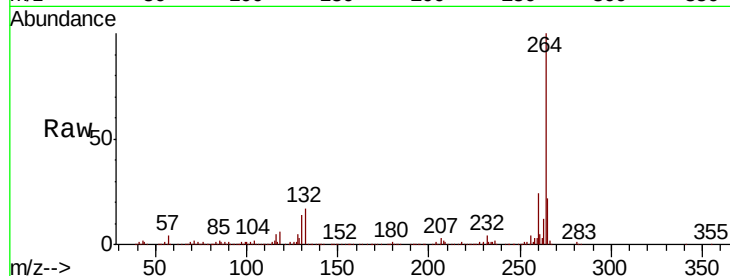
Tot Ion:264 Resp: 707128

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

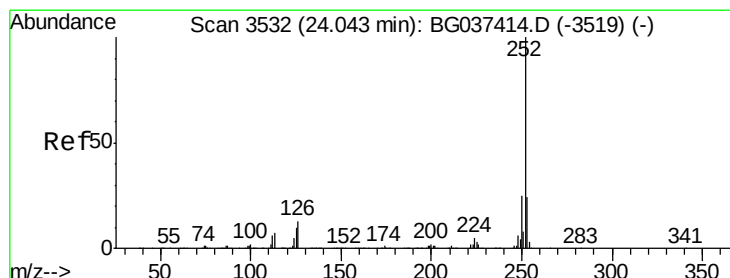
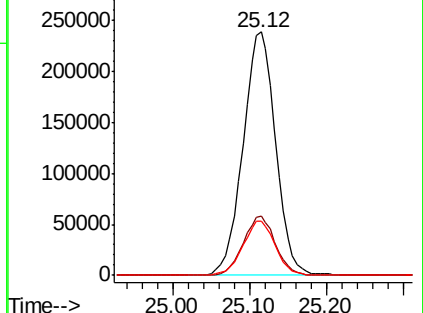
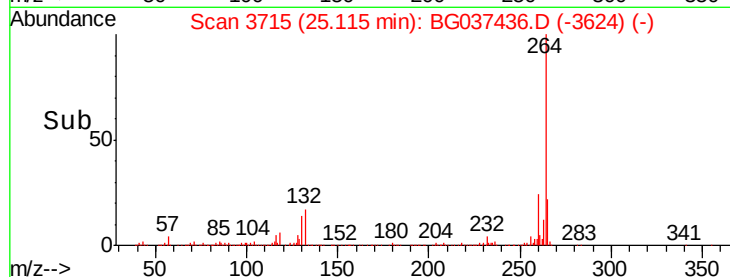
265 22.1 17.9 26.9



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: 39.230 ng

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

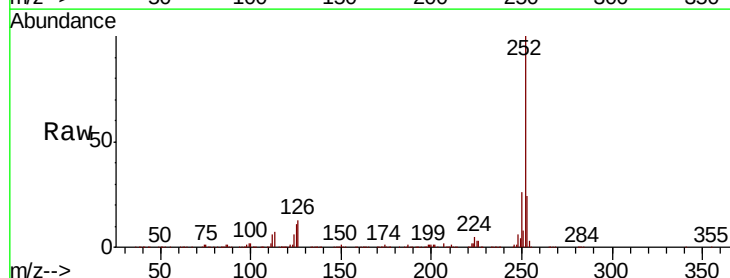
Tgt Ion:252 Resp: 1520827

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

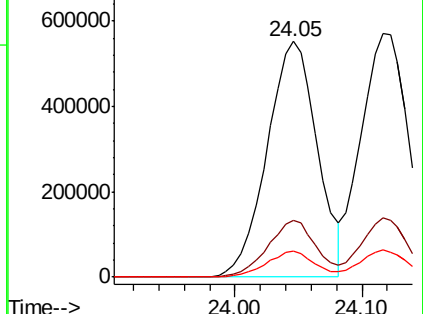
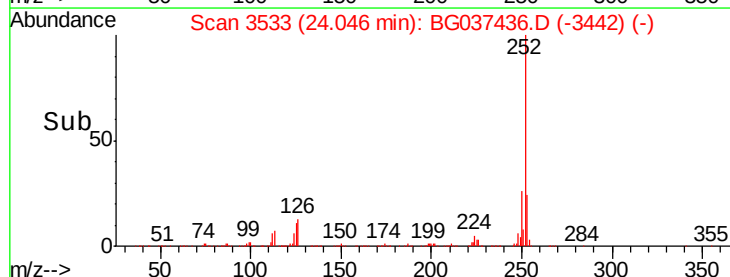
125 11.2 7.8 11.6



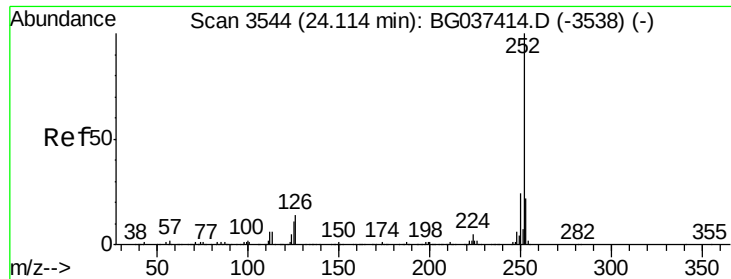
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



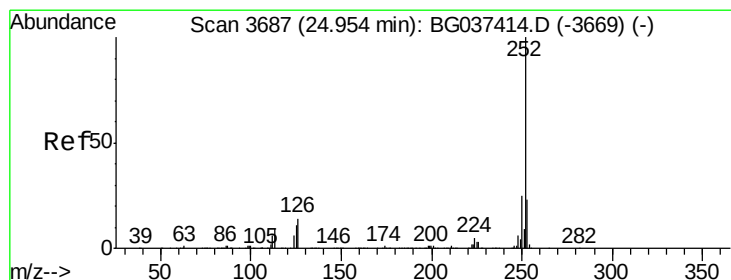
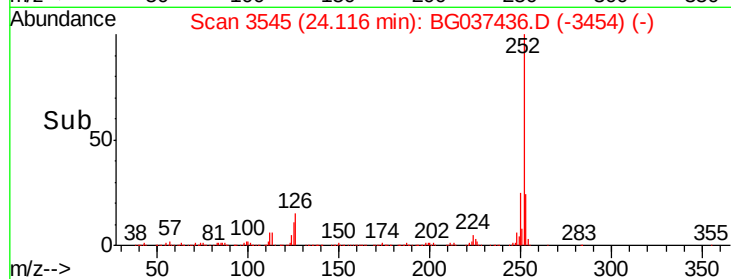
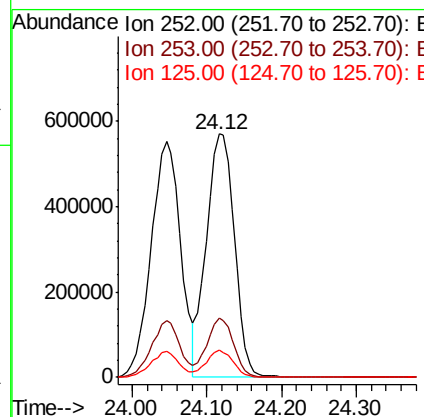
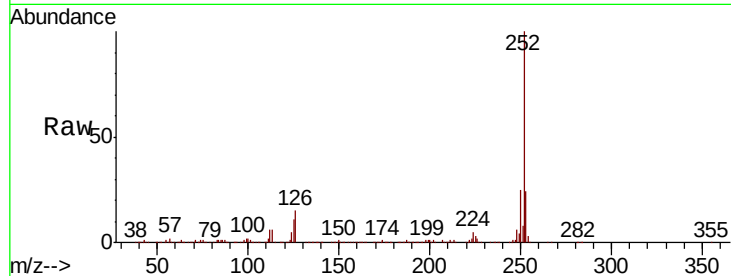




#89  
Benzo(k)fluoranthene  
Concen: 39.141 ng  
RT: 24.12 min Scan# 3545  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

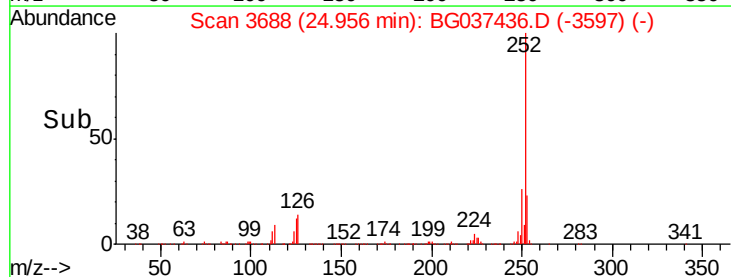
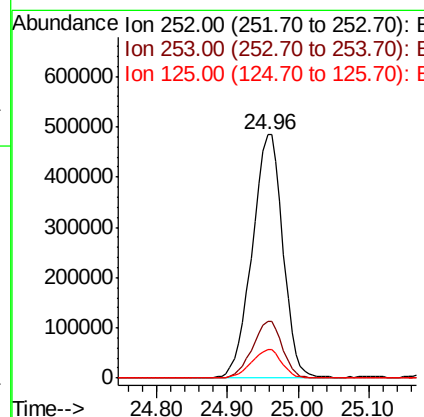
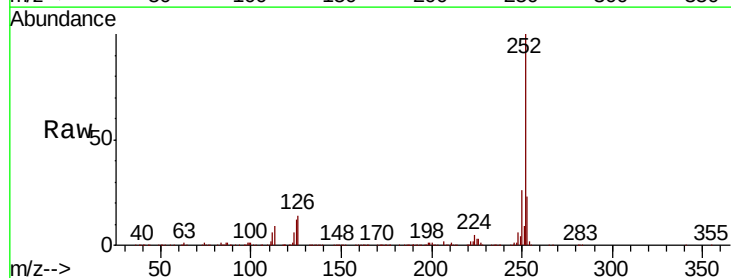
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

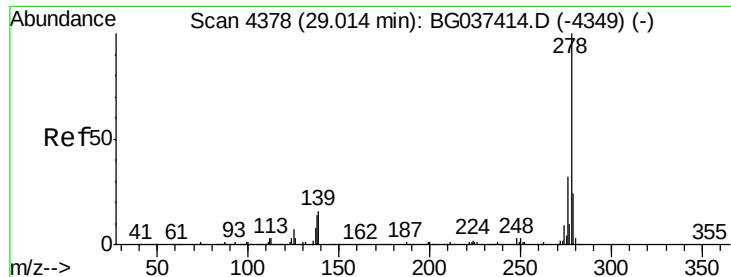
Tot Ion:252 Resp: 1486640  
Ion Ratio Lower Upper  
252 100  
253 24.2 17.4 26.2  
125 11.0 7.4 11.0



#90  
Benzo(a)pyrene  
Concen: 39.904 ng  
RT: 24.96 min Scan# 3688  
Delta R.T. 0.00 min  
Lab File: BG037436.D  
Acq: 19 Oct 2018 1:46

Tgt Ion:252 Resp: 1469968  
Ion Ratio Lower Upper  
252 100  
253 23.5 17.4 26.2  
125 11.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.787 ng

RT: 29.02 min Scan# 4380

Delta R.T. 0.01 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

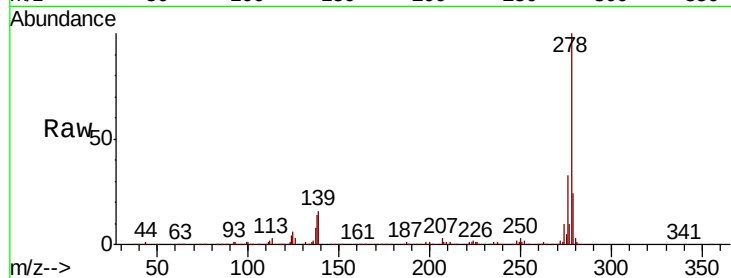
Tot Ion:278 Resp: 1385964

Ion Ratio Lower Upper

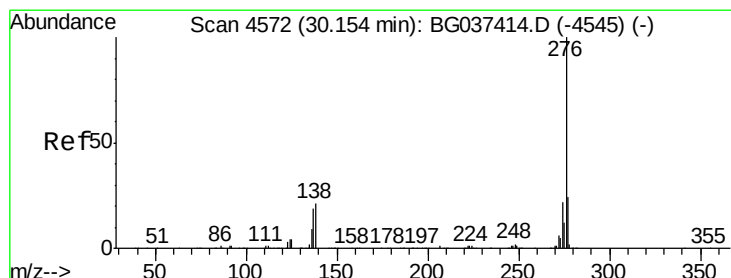
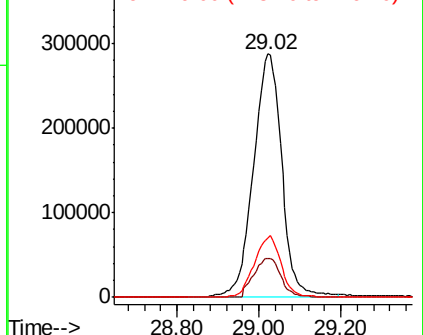
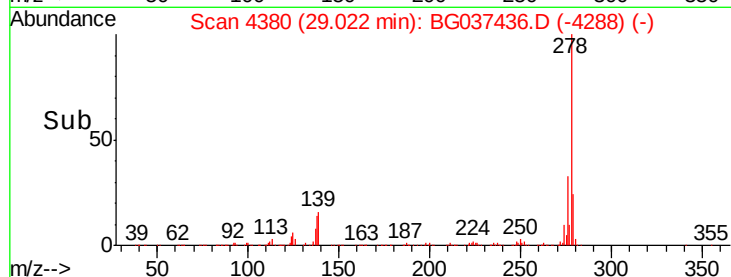
278 100

139 16.0 11.5 17.3

279 24.5 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: 40.555 ng

RT: 30.16 min Scan# 4574

Delta R.T. 0.01 min

Lab File: BG037436.D

Acq: 19 Oct 2018 1:46

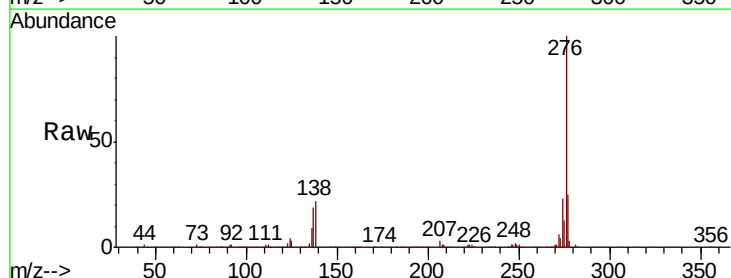
Tgt Ion:276 Resp: 1394209

Ion Ratio Lower Upper

276 100

277 25.4 18.9 28.3

138 22.2 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

