

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\  
 Data File : BG019181.D  
 Acq On : 13 Oct 2015 16:04  
 Operator : UM/NP  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

Quant Time: Oct 14 03:53:24 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 10 00:37:29 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 18336    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.84 | 136  | 80965    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.66 | 164  | 56081    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.41 | 188  | 131968   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.68 | 240  | 153955   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.91 | 264  | 147585   | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.47  | 96  | 2559   | 6.31  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.19  | 99  | 30102  | 19.05 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.36  | 67  | 19097  | 18.68 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.56  | 132 | 23007  | 19.40 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.74  | 113 | 25833  | 20.80 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.20  | 128 | 12099  | 19.76 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.91  | 143 | 13389  | 21.26 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.46 | 165 | 27727  | 22.00 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.97 | 131 | 34055  | 22.16 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 14.07 | 166 | 89610  | 20.27 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.35 | 160 | 104080 | 19.03 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.86 | 143 | 14859  | 16.63 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.65 | 176 | 77242  | 19.29 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.77 | 200 | 14717  | 20.56 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.50 | 188 | 122364 | 19.69 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.79 | 212 | 136799 | 19.18 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 24.69 | 264 | 151802 | 20.10 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |       |       |        | Ovalue |
|--------------------------------|-------|-----|-------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 2557  | 5.73  | ng/uL  | 88     |
| 4) Benzaldehyde                | 7.16  | 77  | 18845 | 20.13 | ng/ul  | 89     |
| 6) Phenol                      | 7.22  | 94  | 31305 | 19.42 | ng/ul# | 83     |
| 8) Bis(2-Chloroethyl)ether     | 7.45  | 93  | 22720 | 18.70 | ng/ul  | 97     |
| 10) 2-Chlorophenol             | 7.60  | 128 | 24141 | 19.59 | ng/ul  | 95     |
| 11) 2-Methylphenol             | 8.47  | 108 | 24402 | 19.64 | ng/ul  | 96     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 48705 | 20.43 | ng/ul  | 96     |
| 14) Acetophenone               | 8.85  | 105 | 41304 | 21.47 | ng/ul# | 93     |
| 15) N-Nitroso-di-n-propylamine | 8.83  | 70  | 21139 | 20.43 | ng/ul  | 92     |
| 16) 4-Methylphenol             | 8.80  | 108 | 27369 | 19.98 | ng/ul  | 96     |
| 17) Hexachloroethane           | 9.12  | 117 | 9924  | 20.24 | ng/ul  | 95     |
| 20) Nitrobenzene               | 9.23  | 77  | 33619 | 22.07 | ng/ul# | 91     |
| 21) Isophorone                 | 9.75  | 82  | 60069 | 20.21 | ng/ul# | 97     |
| 23) 2-Nitrophenol              | 9.95  | 139 | 14268 | 21.10 | ng/ul# | 79     |
| 24) 2,4-Dimethylphenol         | 10.01 | 107 | 34186 | 22.28 | ng/ul  | 91     |
| 25) Bis(2-Chloroethoxy)methane | 10.24 | 93  | 32960 | 18.75 | ng/ul  | 95     |
| 27) 2,4-Dichlorophenol         | 10.48 | 162 | 26858 | 20.84 | ng/ul  | 95     |
| 28) Naphthalene                | 10.89 | 128 | 83260 | 19.86 | ng/ul  | 97     |
| 30) 4-Chloroaniline            | 10.99 | 127 | 35941 | 22.62 | ng/ul  | 95     |
| 31) Hexachlorobutadiene        | 11.18 | 225 | 20177 | 24.57 | ng/ul  | 92     |
| 32) Caprolactam                | 11.75 | 113 | 8887  | 20.46 | ng/ul  | 81     |
| 33) 4-Chloro-3-methylphenol    | 12.12 | 107 | 33299 | 23.56 | ng/ul  | 89     |
| 34) 2-Methylnaphthalene        | 12.49 | 142 | 64587 | 20.57 | ng/ul  | 97     |

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 QLast Update : Sat Oct 10 00:37:29 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 35) 1-Methylnaphthalene        | 12.71 | 142  | 63414    | 20.58 | ng/ul  | 97       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216  | 37725    | 20.72 | ng/ul  | 97       |
| 38) Hexachlorocyclopentadiene  | 12.84 | 237  | 20286    | 17.33 | ng/ul  | 99       |
| 39) 2,4,6-Trichlorophenol      | 13.10 | 196  | 23629    | 19.96 | ng/ul  | 99       |
| 40) 2,4,5-Trichlorophenol      | 13.17 | 196  | 26295    | 20.69 | ng/ul  | 95       |
| 41) 1,1'-Biphenyl              | 13.50 | 154  | 86932    | 19.02 | ng/ul  | 92       |
| 42) 2-Chloronaphthalene        | 13.54 | 162  | 69110    | 19.47 | ng/ul  | 96       |
| 43) 2-Nitroaniline             | 13.74 | 65   | 25639    | 22.24 | ng/ul  | 94       |
| 45) Dimethylphthalate          | 14.11 | 163  | 89582    | 19.84 | ng/ul  | 100      |
| 46) 2,6-Dinitrotoluene         | 14.23 | 165  | 18674    | 21.51 | ng/ul  | 91       |
| 48) Acenaphthylene             | 14.38 | 152  | 113259   | 19.34 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.56 | 138  | 18564    | 21.64 | ng/ul# | 88       |
| 50) Acenaphthene               | 14.73 | 153  | 77381    | 19.48 | ng/ul  | 98       |
| 51) 2,4-Dinitrophenol          | 14.77 | 184  | 10041    | 19.97 | ng/ul  | 88       |
| 53) 4-Nitrophenol              | 14.87 | 109  | 15588    | 22.82 | ng/ul  | 88       |
| 54) Dibenzofuran               | 15.06 | 168  | 106918   | 19.78 | ng/ul  | 90       |
| 55) 2,4-Dinitrotoluene         | 15.02 | 165  | 28284    | 22.27 | ng/ul  | 99       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 24377    | 20.79 | ng/ul# | 95       |
| 57) Diethylphthalate           | 15.48 | 149  | 90324    | 19.94 | ng/ul  | 96       |
| 59) Fluorene                   | 15.71 | 166  | 90032    | 19.76 | ng/ul  | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.70 | 204  | 46166    | 20.51 | ng/ul  | 92       |
| 61) 4-Nitroaniline             | 15.72 | 138  | 20140    | 20.78 | ng/ul# | 74       |
| 64) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 14741    | 19.50 | ng/ul  | 93       |
| 65) N-Nitrosodiphenylamine     | 15.91 | 169  | 75136    | 19.57 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.59 | 248  | 30600    | 21.25 | ng/ul  | 95       |
| 67) Hexachlorobenzene          | 16.72 | 284  | 35206    | 21.49 | ng/ul  | 98       |
| 68) Atrazine                   | 16.86 | 200  | 32964    | 20.70 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 17.06 | 266  | 18356    | 17.85 | ng/ul  | 94       |
| 70) Phenanthrene               | 17.45 | 178  | 144683   | 19.46 | ng/ul  | 100      |
| 72) Anthracene                 | 17.54 | 178  | 149678   | 19.97 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.46 | 216  | 36879    | 20.72 | ng/uL  | 97       |
| 74) Pentachlorobenzene         | 14.98 | 250  | 37089    | 21.39 | ng/uL  | 94       |
| 75) Carbazole                  | 17.81 | 167  | 127510   | 19.72 | ng/ul  | 97       |
| 76) Di-n-butylphthalate        | 18.37 | 149  | 155620   | 18.83 | ng/ul# | 97       |
| 77) Fluoranthene               | 19.46 | 202  | 173361   | 20.02 | ng/ul# | 93       |
| 80) Pvrene                     | 19.82 | 202  | 180124   | 19.44 | ng/ul# | 92       |
| 81) Butylbenzylphthalate       | 20.71 | 149  | 68169    | 19.40 | ng/ul  | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 58070    | 20.38 | ng/ul  | 99       |
| 83) Benzo(a)anthracene         | 21.66 | 228  | 174177   | 19.60 | ng/ul  | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 95925    | 18.81 | ng/ul  | 97       |
| 85) Chrysene                   | 21.73 | 228  | 162274   | 19.35 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.79 | 149  | 166825   | 19.91 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.88 | 252  | 170080   | 19.56 | ng/ul# | 97       |
| 89) Benzo(k)fluoranthene       | 23.95 | 252  | 170371   | 20.12 | ng/ul# | 95       |
| 91) Benzo(a)pyrene             | 24.76 | 252  | 165755   | 19.68 | ng/ul# | 96       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.58 | 276  | 173706   | 18.00 | ng/ul# | 94       |
| 93) Dibenzo(a,h)anthracene     | 28.64 | 278  | 136240   | 16.33 | ng/ul  | 96       |
| 94) Benzo(a,h,i)perylene       | 29.74 | 276  | 134368   | 16.72 | ng/ul# | 95       |
| -----                          |       |      |          |       |        |          |

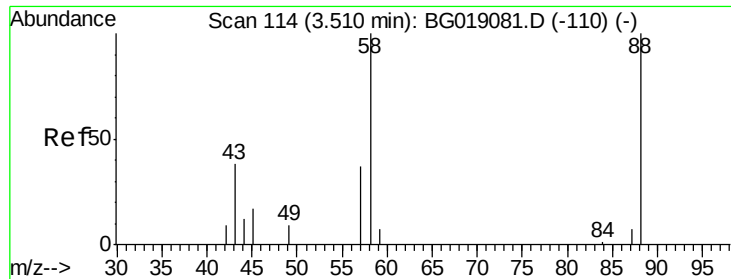
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\  
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| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 5.73 ng/uL

RT: 3.51 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

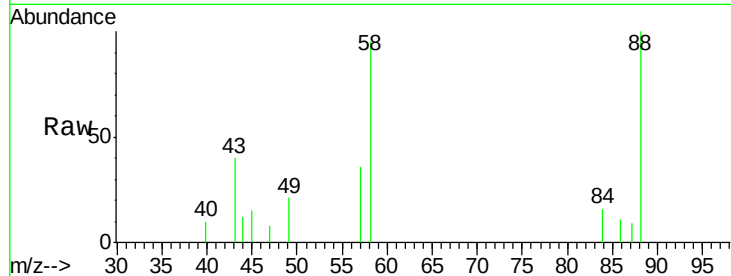
Tot Ion: 88 Resp: 2557

Ion Ratio Lower Upper

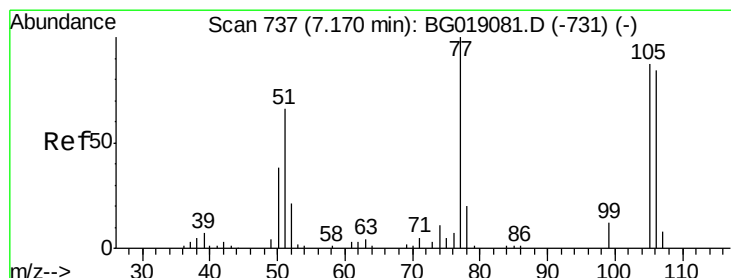
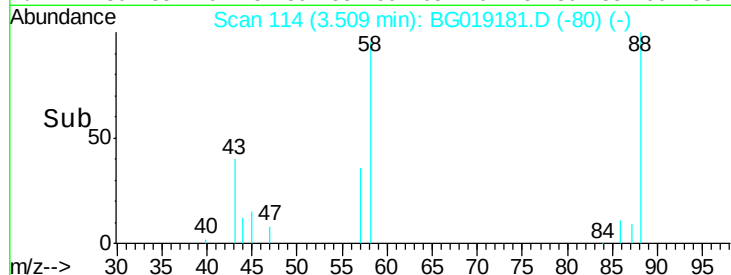
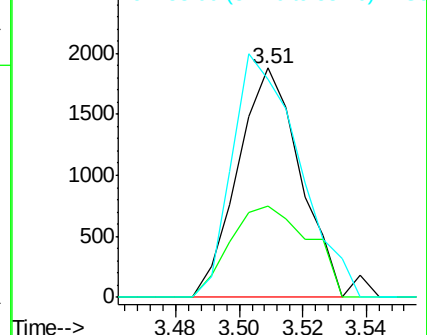
88 100

43 40.1 29.7 44.5

58 95.3 65.4 98.0



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 20.13 ng/uL

RT: 7.16 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

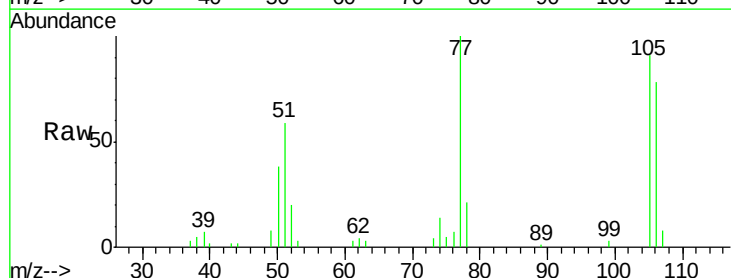
Tgt Ion: 77 Resp: 18845

Ion Ratio Lower Upper

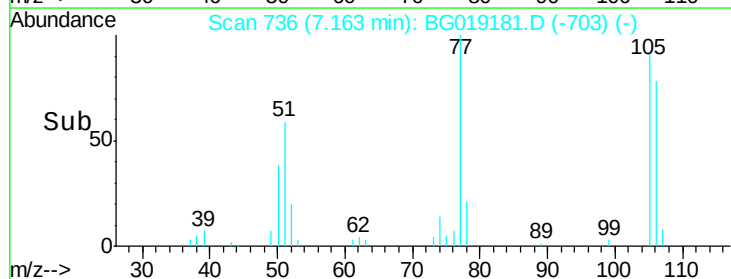
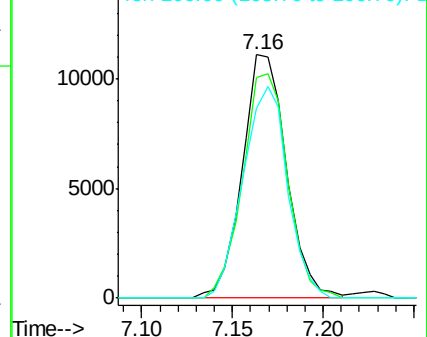
77 100

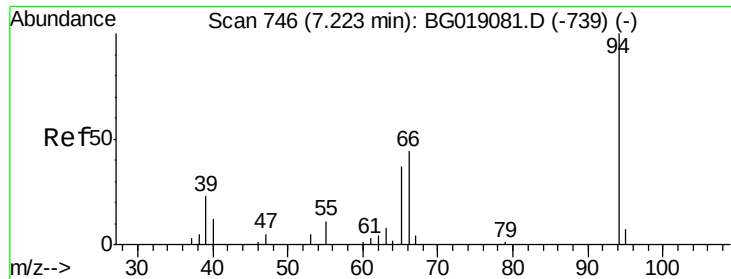
105 90.6 75.6 113.4

106 78.0 75.8 113.6



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





#6

Phenol

Concen: 19.42 ng/ul

RT: 7.22 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

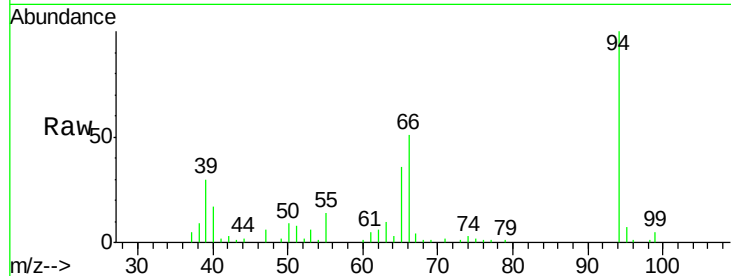
Tot Ion: 94 Resp: 31305

Ion Ratio Lower Upper

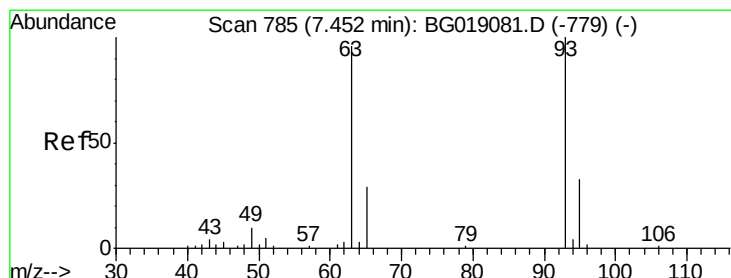
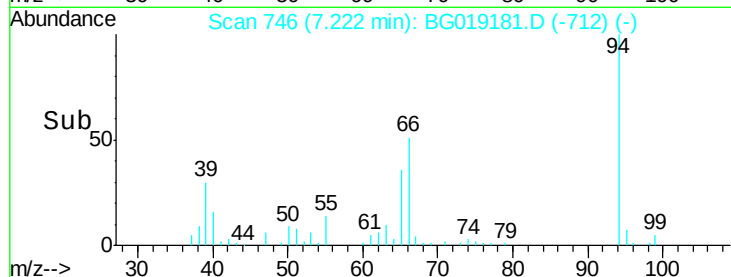
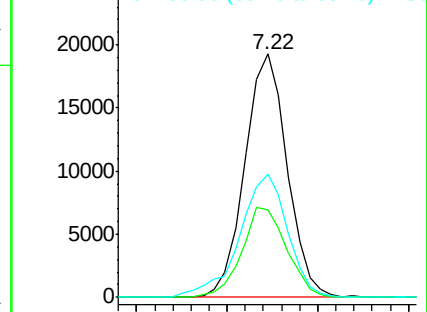
94 100

65 36.1 24.9 37.3

66 50.5 29.1 43.7#



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



#8

Bis(2-Chloroethyl)ether

Concen: 18.70 ng/ul

RT: 7.45 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

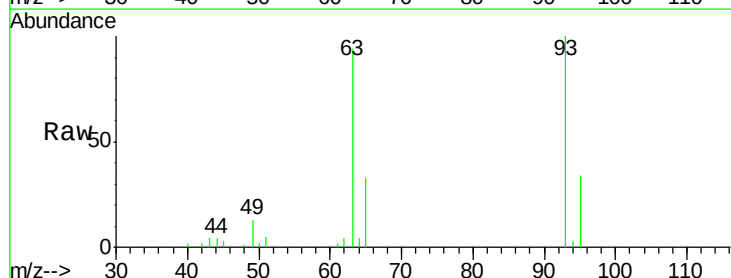
Tgt Ion: 93 Resp: 22720

Ion Ratio Lower Upper

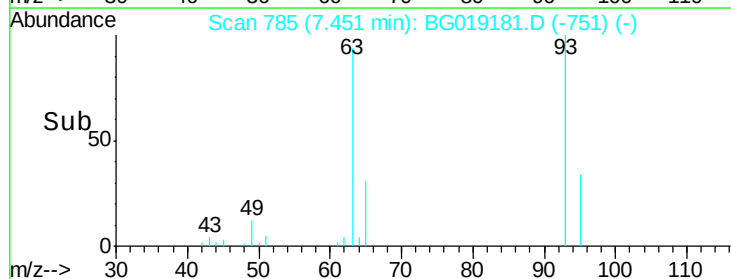
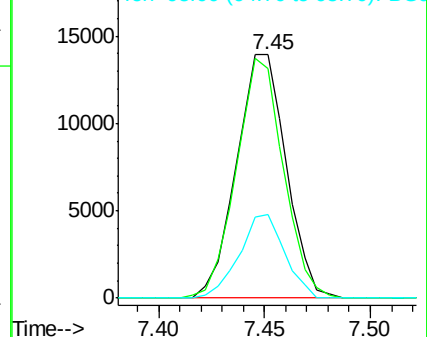
93 100

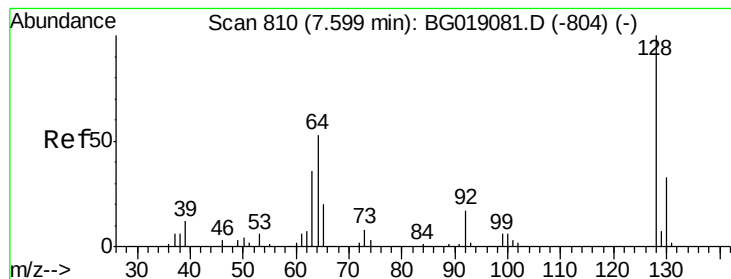
63 94.4 73.2 109.8

95 34.5 27.0 40.6



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC





#10

2-Chlorophenol

Concen: 19.59 ng/ul

RT: 7.60 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

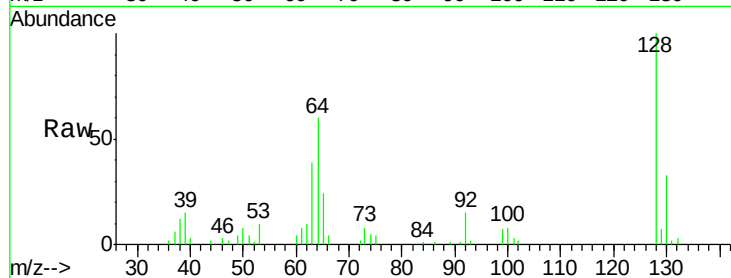
Tot Ion:128 Resp: 24141

Ion Ratio Lower Upper

128 100

64 60.1 43.3 64.9

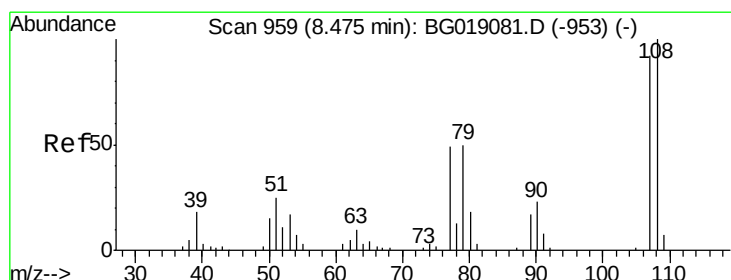
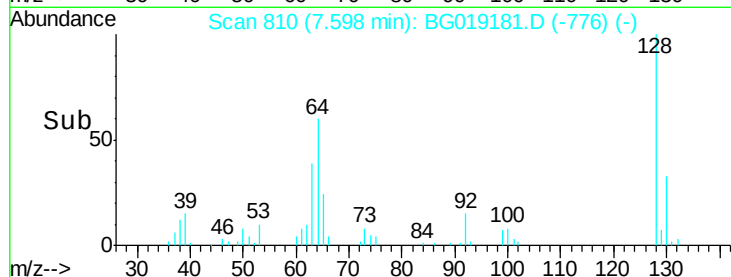
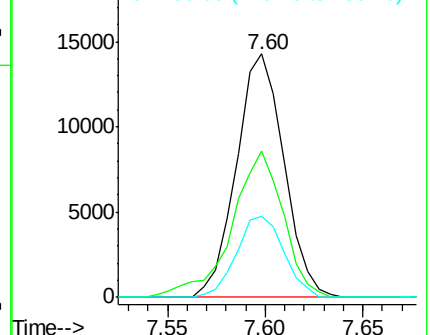
130 33.2 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.64 ng/ul

RT: 8.47 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG019181.D

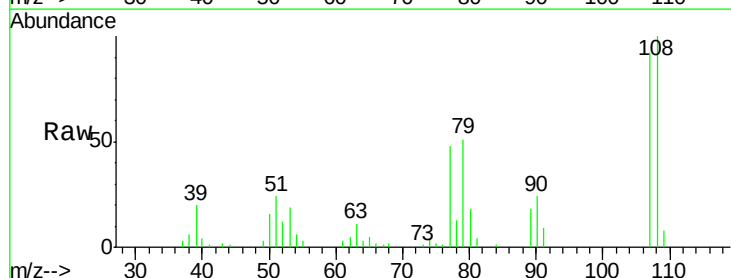
Acq: 13 Oct 2015 16:04

Tgt Ion:108 Resp: 24402

Ion Ratio Lower Upper

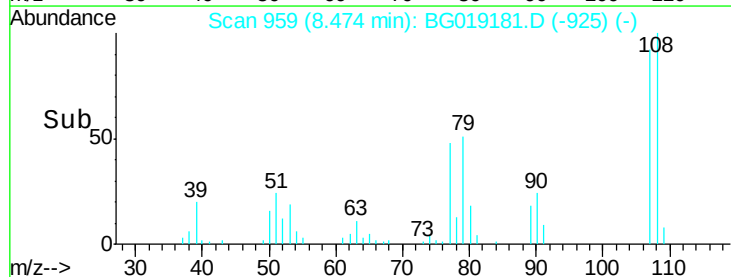
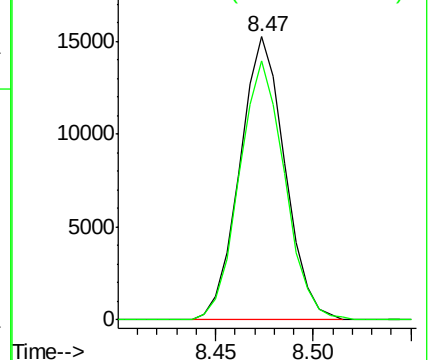
108 100

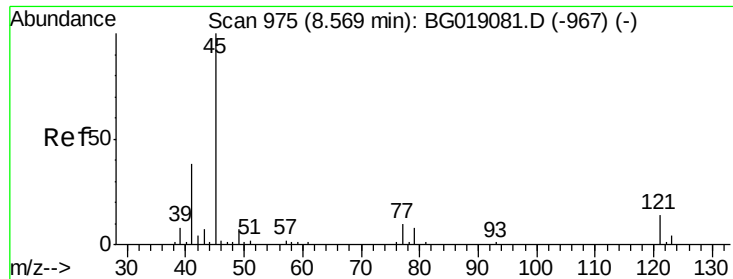
107 91.7 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

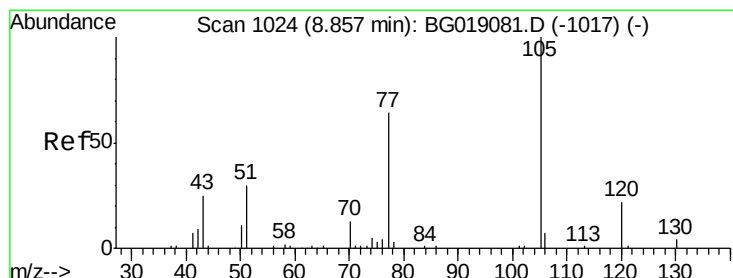
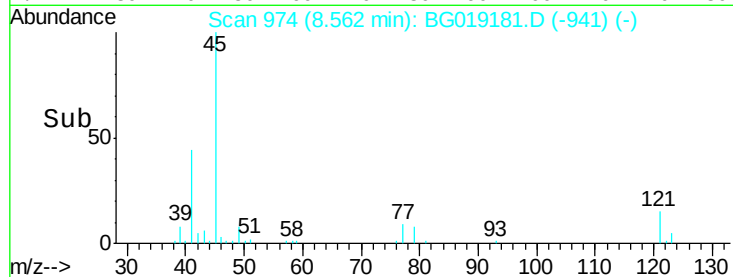
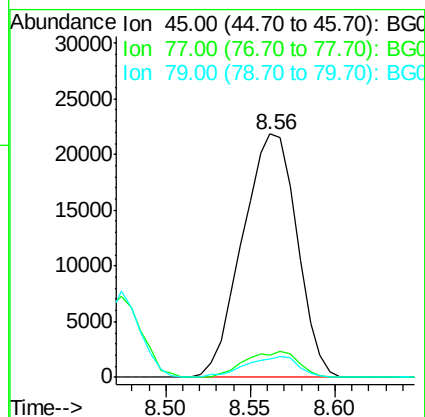
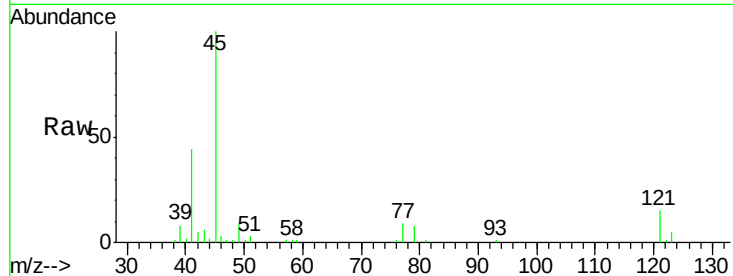




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 20.43 ng/ul  
RT: 8.56 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

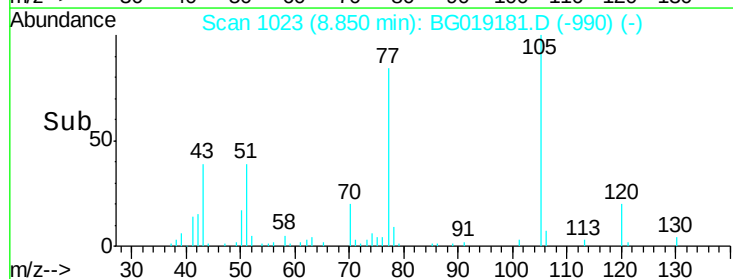
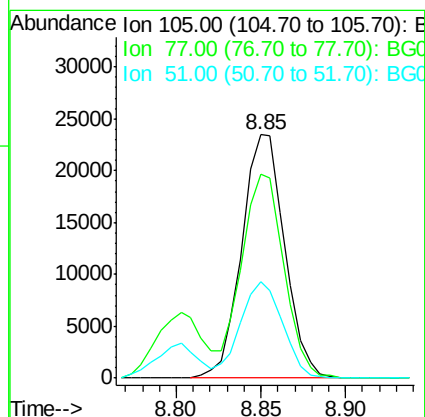
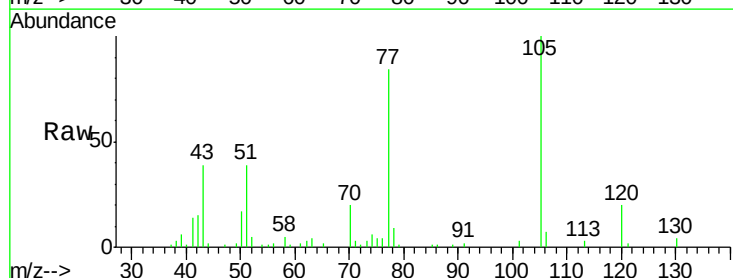
Instrument :  
BNA\_G  
ClientSampled :  
DFTPP01

Tot Ion: 45 Resp: 48705  
Ion Ratio Lower Upper  
45 100  
77 9.0 8.2 12.2  
79 7.8 7.4 11.0

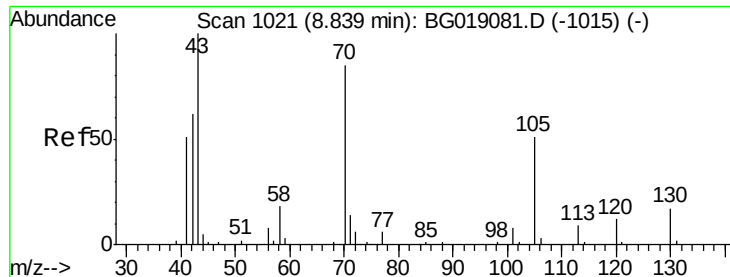


#14  
Acetophenone  
Concen: 21.47 ng/ul  
RT: 8.85 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

Tgt Ion: 105 Resp: 41304  
Ion Ratio Lower Upper  
105 100  
77 83.8 63.8 95.6  
51 39.4 26.1 39.1#







#15

N-Nitroso-di-n-propylamine

Concen: 20.43 ng/ul

RT: 8.83 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

Tot Ion: 70 Resp: 21139

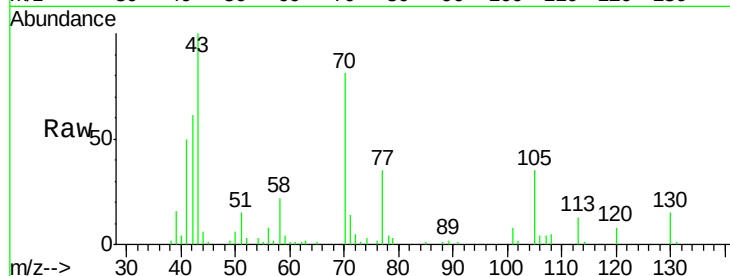
Ion Ratio Lower Upper

70 100

42 75.3 53.6 80.4

101 9.3 7.9 11.9

130 18.8 16.5 24.7

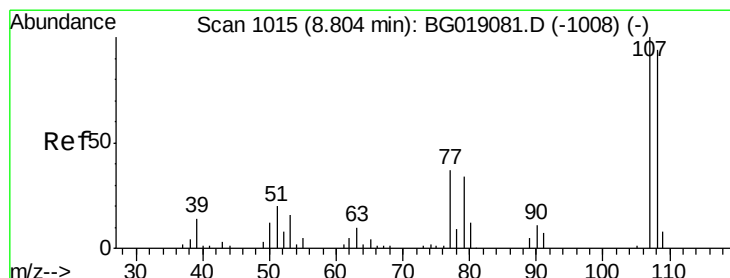
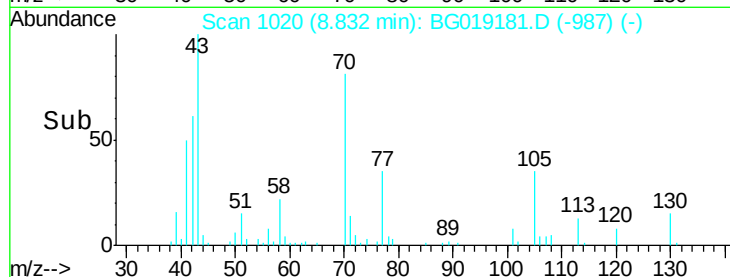
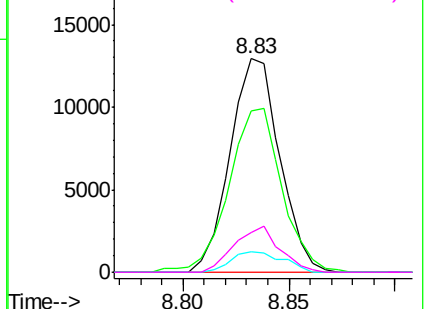


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#16

4-Methylphenol

Concen: 19.98 ng/ul

RT: 8.80 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BG019181.D

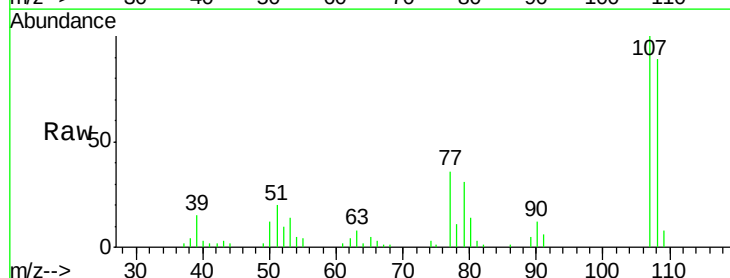
Acq: 13 Oct 2015 16:04

Tgt Ion: 108 Resp: 27369

Ion Ratio Lower Upper

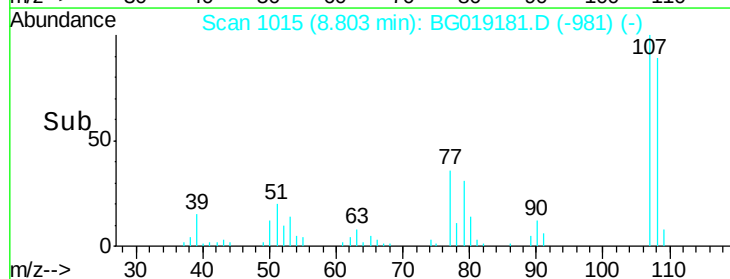
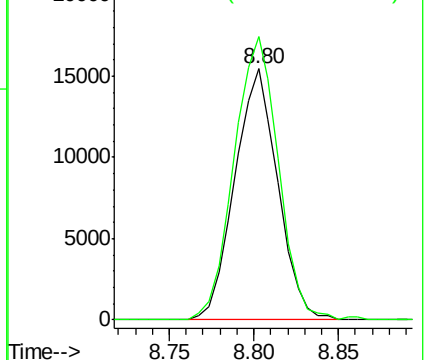
108 100

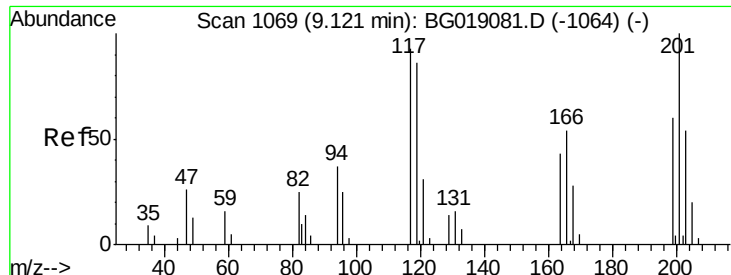
107 112.7 86.6 130.0



Abundance Ion 108.00 (107.70 to 108.70): BGC

Ion 107.00 (106.70 to 107.70): BGC

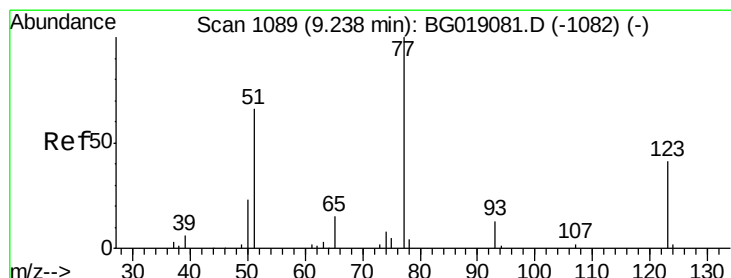
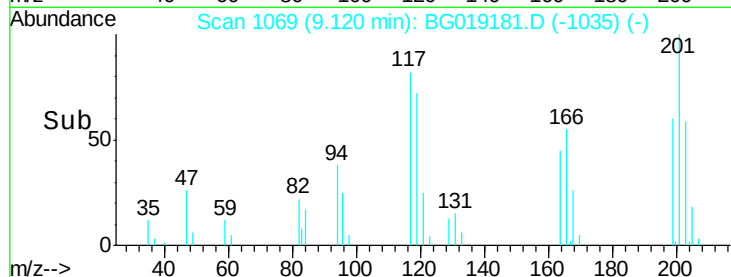
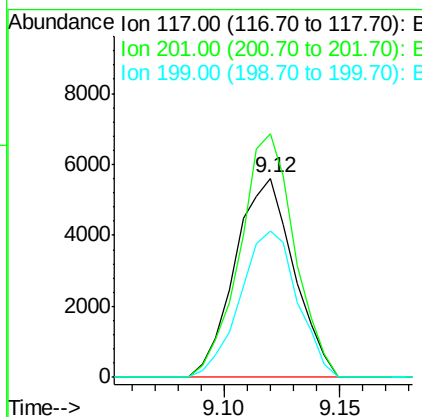
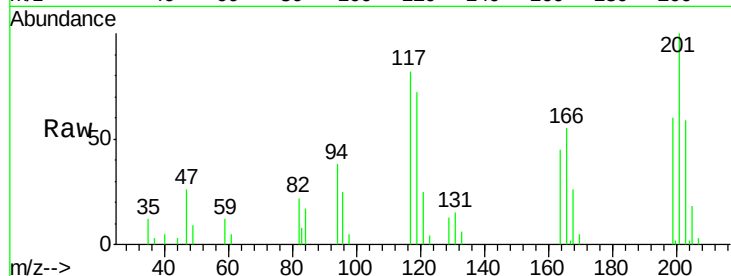




#17  
 Hexachloroethane  
 Concen: 20.24 ng/ul  
 RT: 9.12 min Scan# 1069  
 Delta R.T. -0.00 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

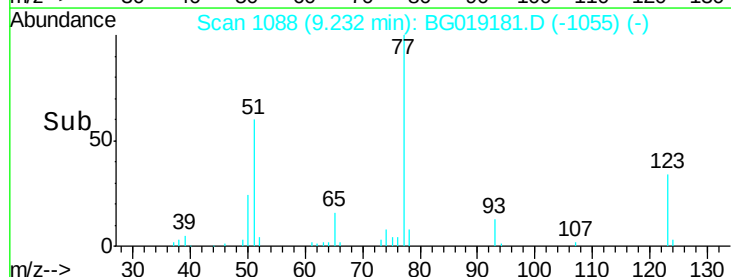
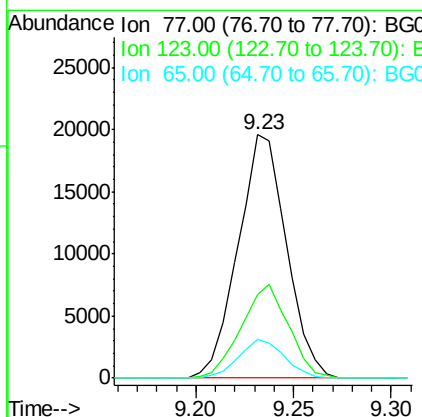
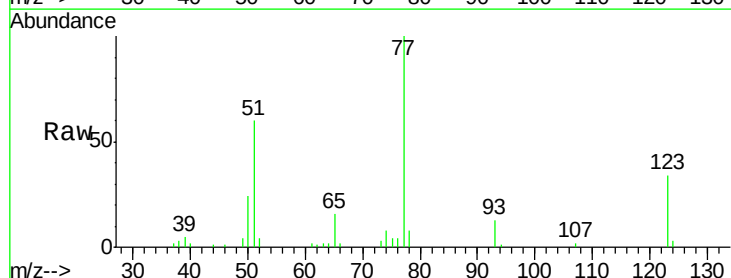
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

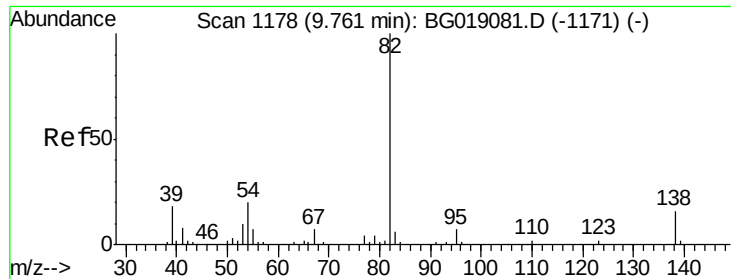
Tot Ion: 117 Resp: 9924  
 Ion Ratio Lower Upper  
 117 100  
 201 122.2 91.4 137.0  
 199 73.4 58.7 88.1



#20  
 Nitrobenzene  
 Concen: 22.07 ng/ul  
 RT: 9.23 min Scan# 1088  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Tgt Ion: 77 Resp: 33619  
 Ion Ratio Lower Upper  
 77 100  
 123 34.4 32.6 48.8  
 65 15.8 10.6 15.8#





#21

Isophorone

Concen: 20.21 ng/ul

RT: 9.75 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

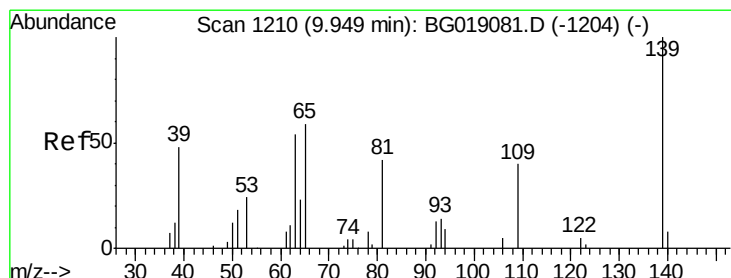
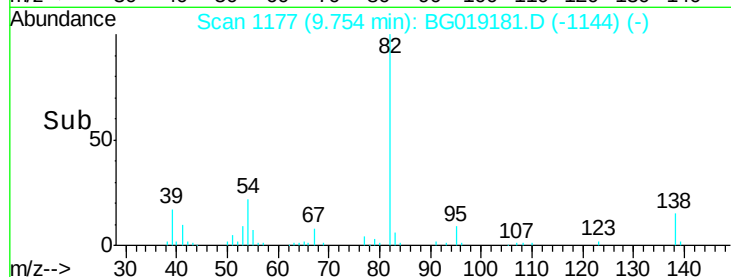
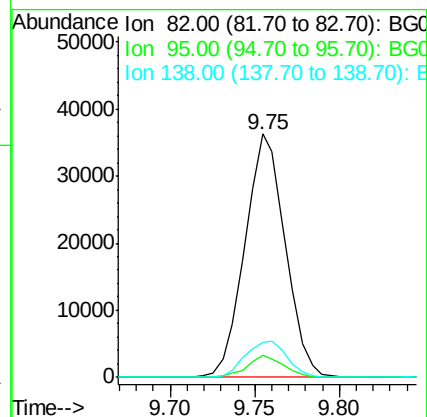
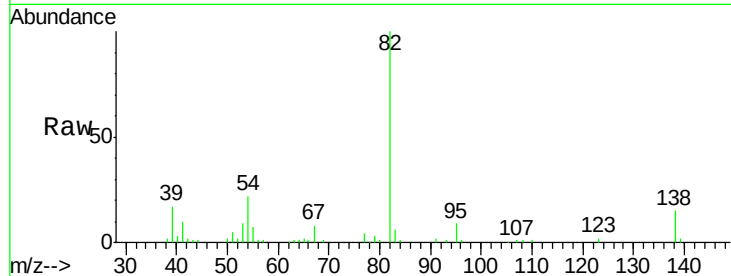
Tot Ion: 82 Resp: 60069

Ion Ratio Lower Upper

82 100

95 8.9 5.1 7.7#

138 14.5 12.2 18.2



#23

2-Nitrophenol

Concen: 21.10 ng/ul

RT: 9.95 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

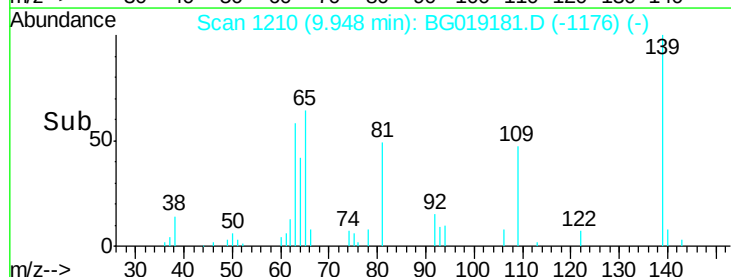
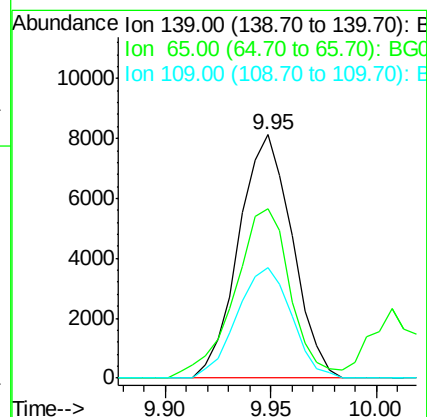
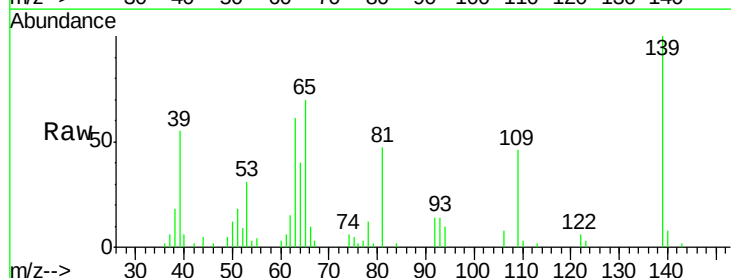
Tgt Ion: 139 Resp: 14268

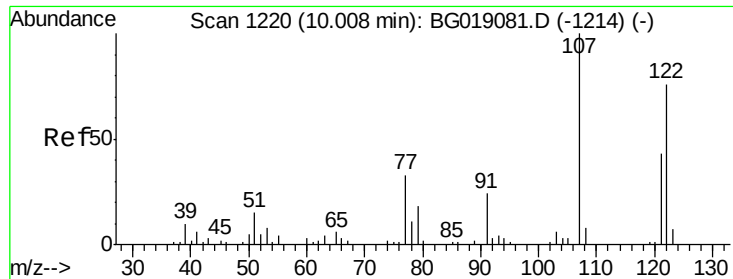
Ion Ratio Lower Upper

139 100

65 69.8 45.6 68.4#

109 45.5 24.7 37.1#

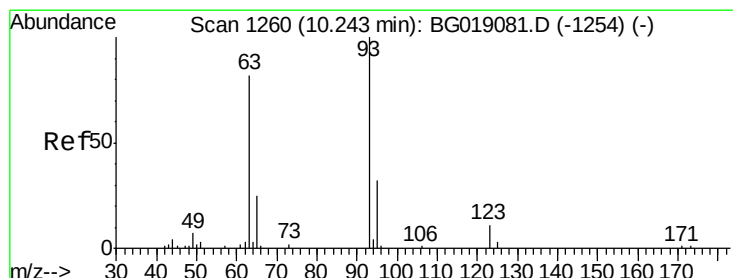
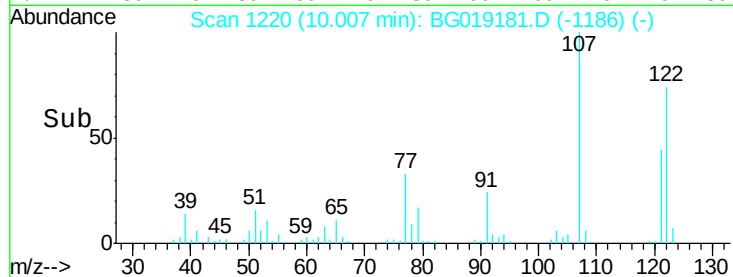
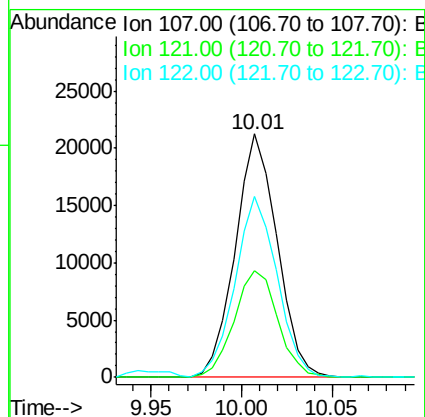
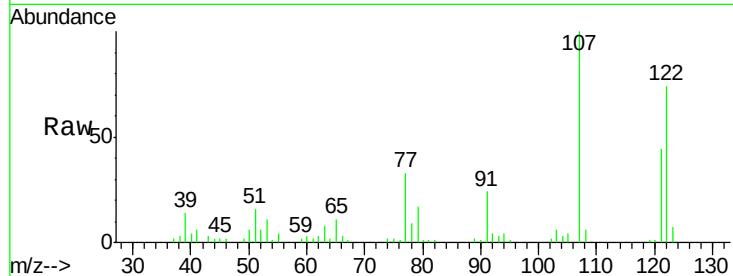




#24  
 2,4-Dimethylphenol  
 Concen: 22.28 ng/ul  
 RT: 10.01 min Scan# 1220  
 Delta R.T. -0.00 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

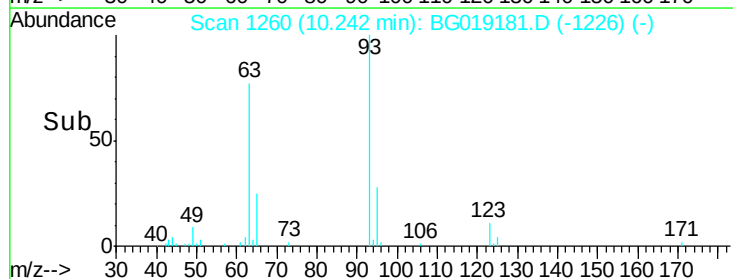
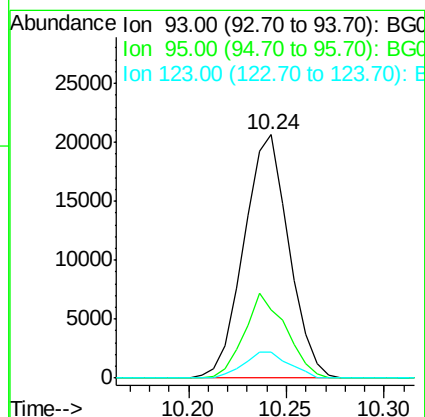
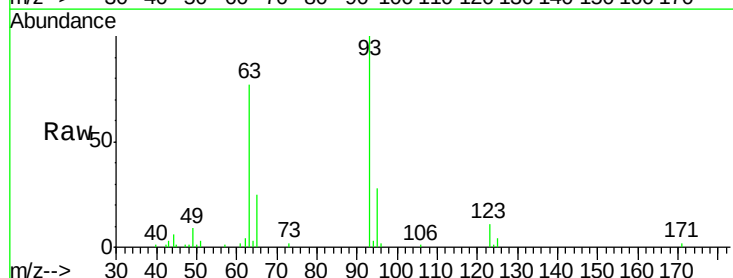
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

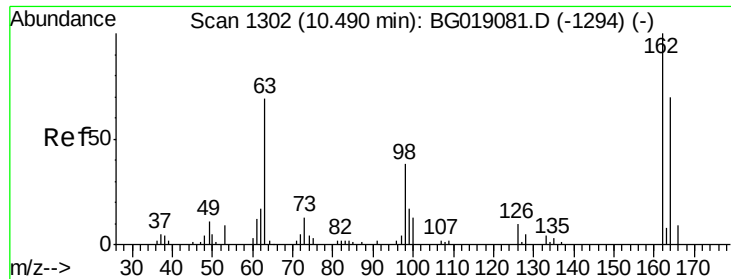
Tot Ion: 107 Resp: 34186  
 Ion Ratio Lower Upper  
 107 100  
 121 43.8 37.2 55.8  
 122 74.2 67.6 101.4



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 18.75 ng/ul  
 RT: 10.24 min Scan# 1260  
 Delta R.T. -0.00 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Tgt Ion: 93 Resp: 32960  
 Ion Ratio Lower Upper  
 93 100  
 95 27.9 25.4 38.0  
 123 10.5 8.0 12.0

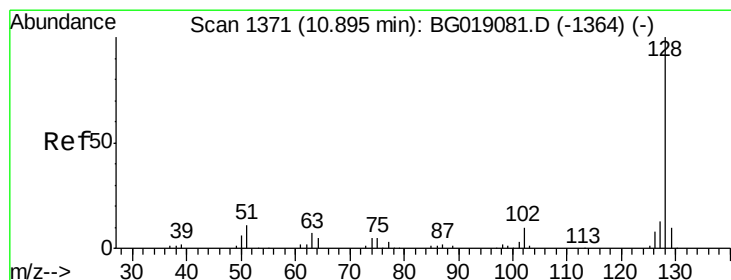
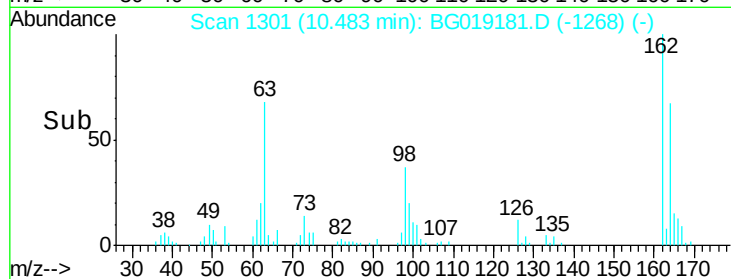
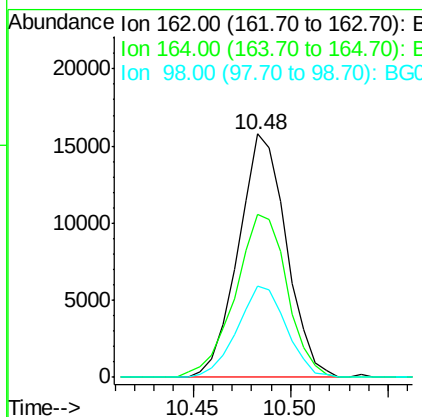
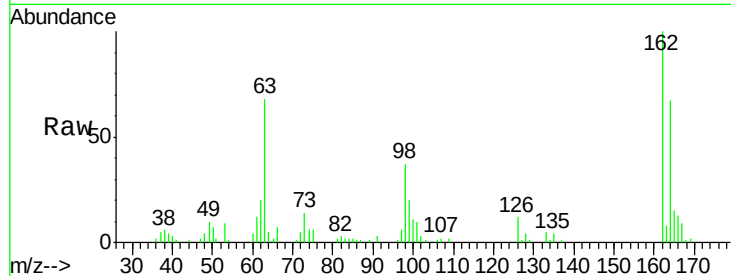




#27  
 2,4-Dichlorophenol  
 Concen: 20.84 ng/ul  
 RT: 10.48 min Scan# 1301  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

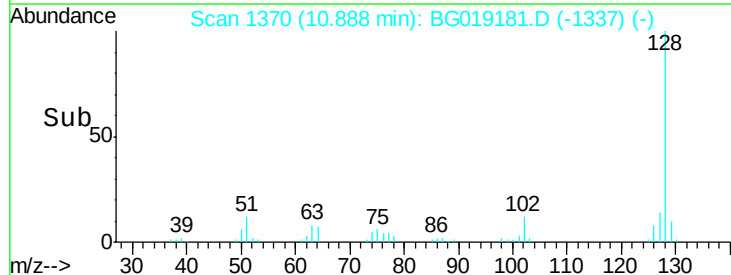
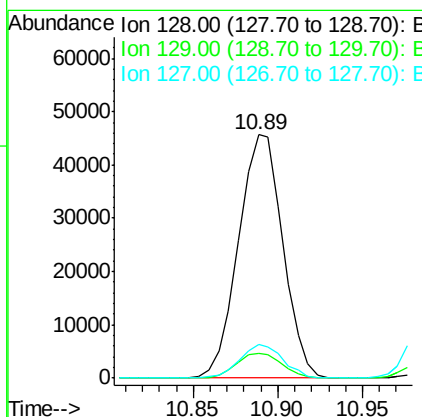
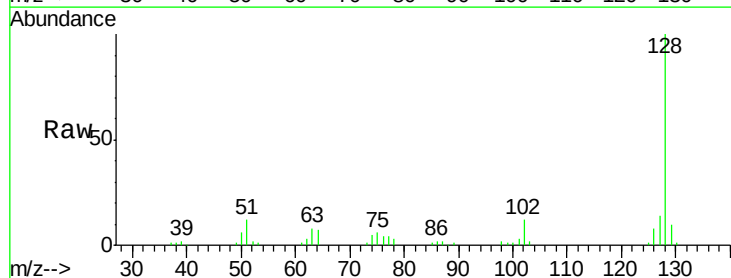
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

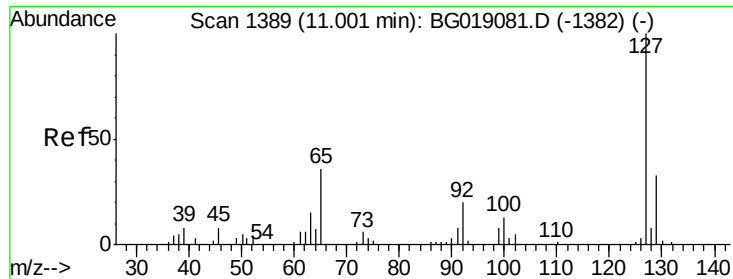
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.2  | 50.0  | 75.0  |
| 98      | 37.4  | 29.0  | 43.6  |



#28  
 Naphthalene  
 Concen: 19.86 ng/ul  
 RT: 10.89 min Scan# 1370  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 9.9   | 9.6   | 14.4  |
| 127     | 13.8  | 11.3  | 16.9  |

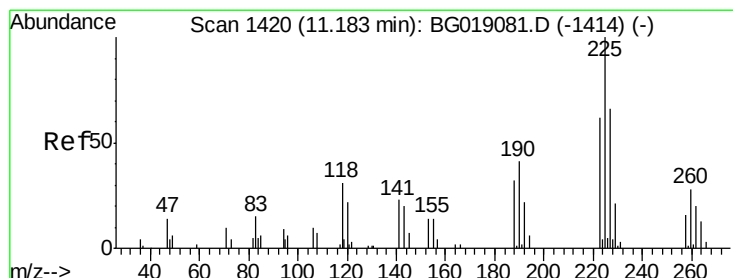
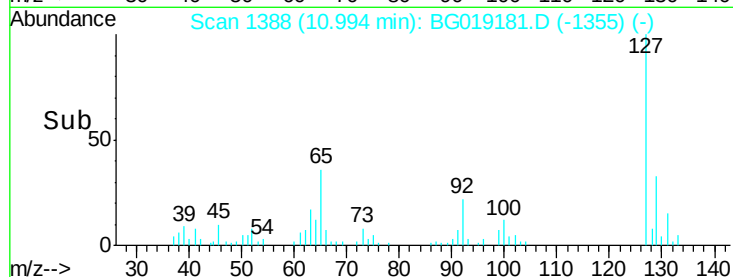
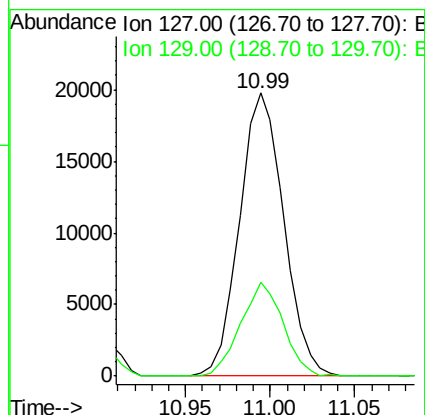
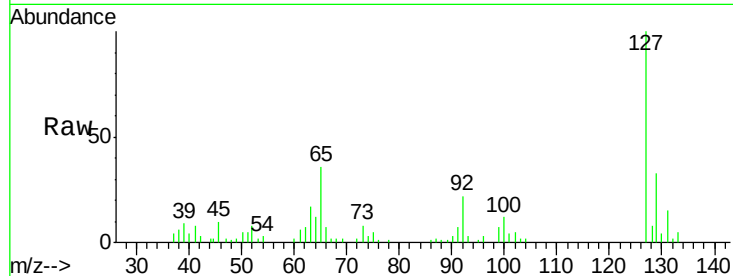




#30  
4-Chloroaniline  
Concen: 22.62 ng/ul  
RT: 10.99 min Scan# 1388  
Delta R.T. -0.01 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

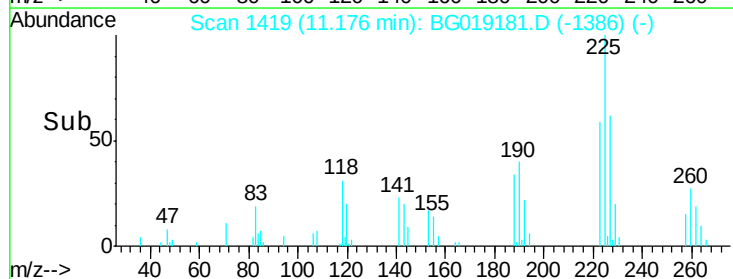
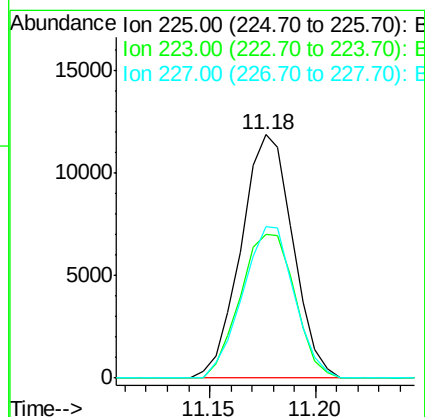
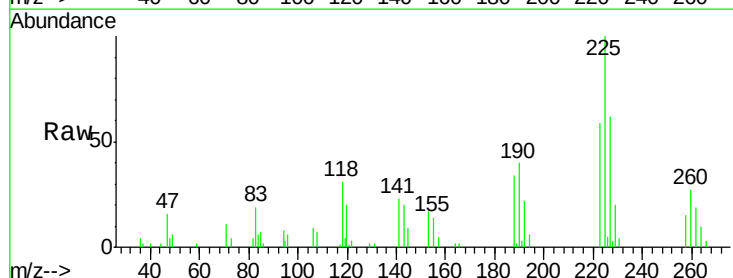
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP01

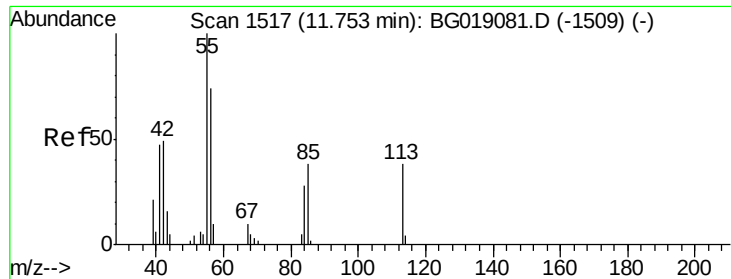
Tot Ion:127 Resp: 35941  
Ion Ratio Lower Upper  
127 100  
129 33.3 24.3 36.5



#31  
Hexachlorobutadiene  
Concen: 24.57 ng/ul  
RT: 11.18 min Scan# 1419  
Delta R.T. -0.01 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

Tgt Ion:225 Resp: 20177  
Ion Ratio Lower Upper  
225 100  
223 58.8 52.6 79.0  
227 62.3 54.0 81.0





#32

Caprolactam

Concen: 20.46 ng/ul

RT: 11.75 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

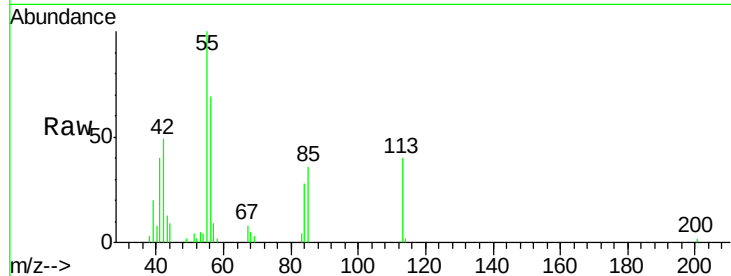
Tot Ion:113 Resp: 8887

Ion Ratio Lower Upper

113 100

55 249.2 169.3 253.9

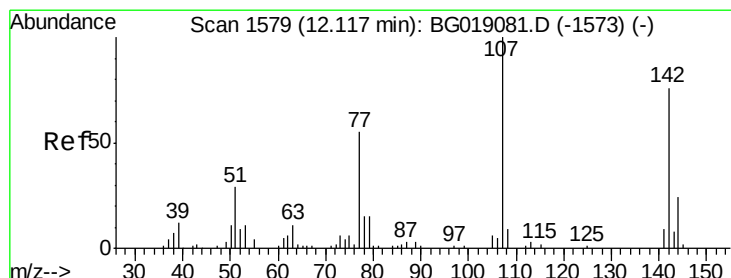
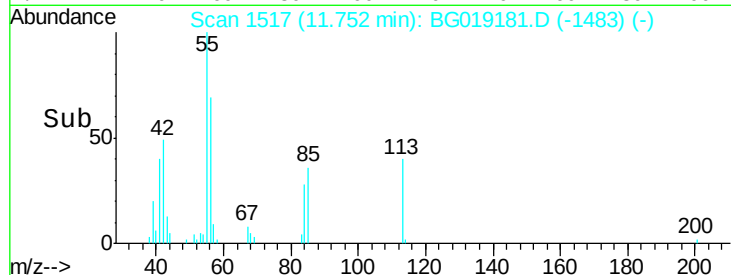
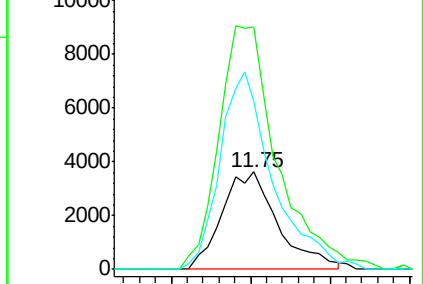
56 172.3 125.8 188.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#33

4-Chloro-3-methylphenol

Concen: 23.56 ng/ul

RT: 12.12 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

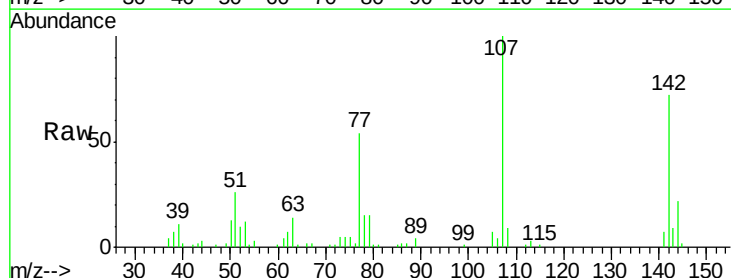
Tgt Ion:107 Resp: 33299

Ion Ratio Lower Upper

107 100

144 21.9 20.9 31.3

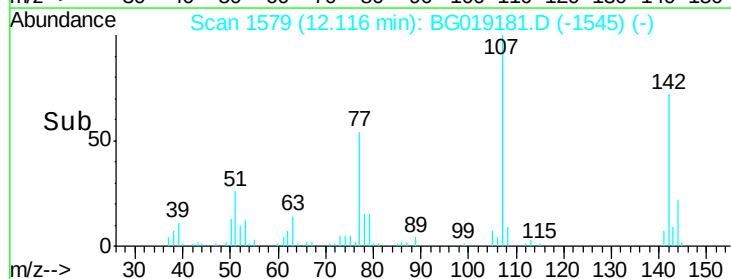
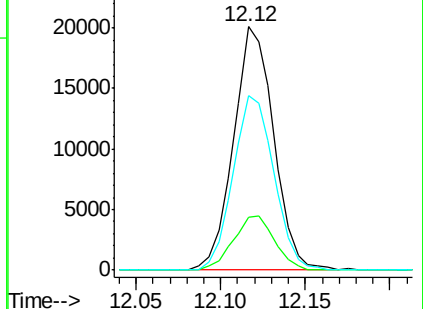
142 71.6 65.6 98.4

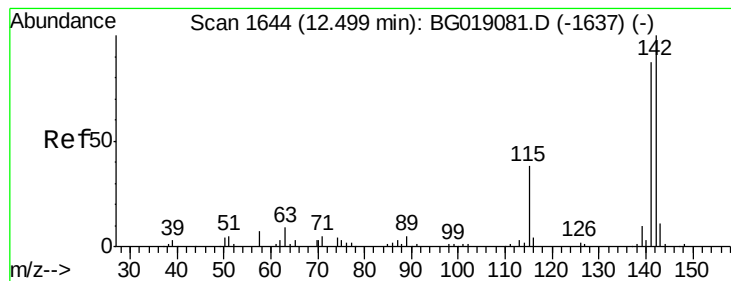


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.57 ng/ul

RT: 12.49 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

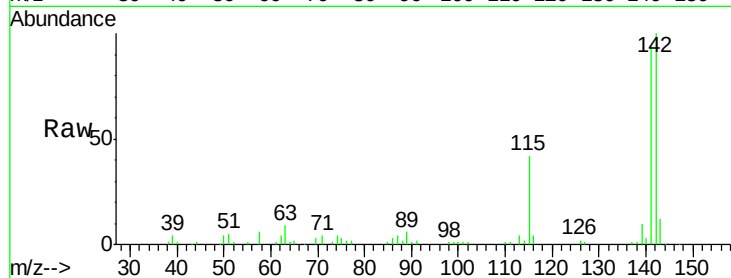
DFTPP01

Tot Ion:142 Resp: 64587

Ion Ratio Lower Upper

142 100

141 94.4 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.49

40000

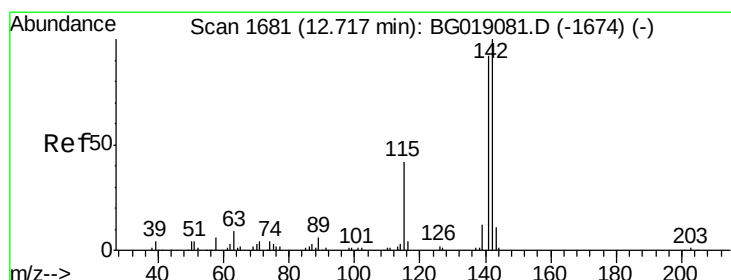
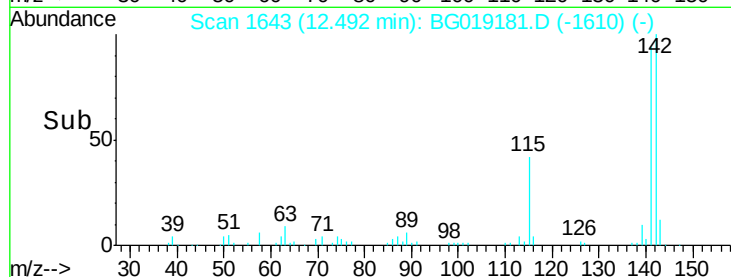
30000

20000

10000

0

Time-->



#35

1-Methylnaphthalene

Concen: 20.58 ng/ul

RT: 12.71 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

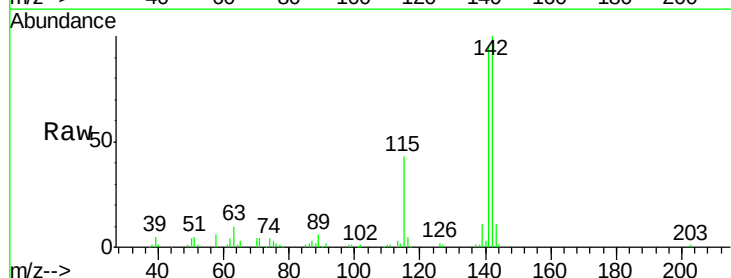
Tgt Ion:142 Resp: 63414

Ion Ratio Lower Upper

142 100

141 95.9 74.8 112.2

116 4.7 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.71

50000

40000

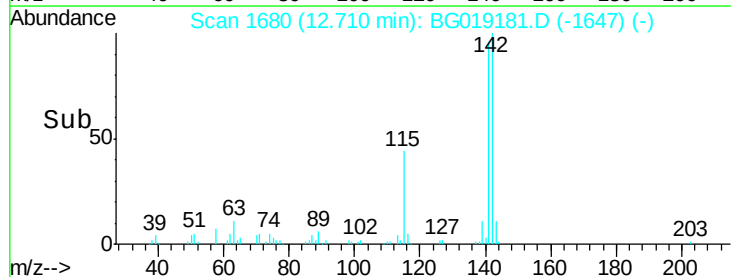
30000

20000

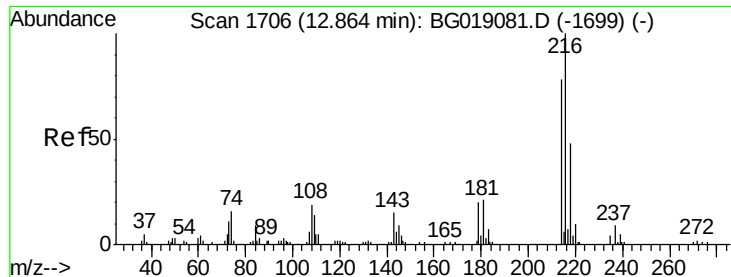
10000

0

Time-->







#37

1,2,4,5-Tetrachlorobenzene

Concen: 20.72 ng/ul

RT: 12.86 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

Tot Ion:216 Resp: 37725

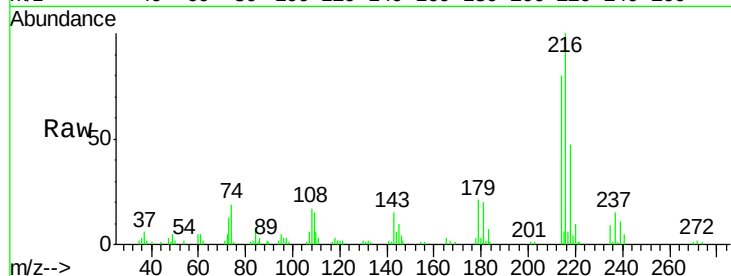
Ion Ratio Lower Upper

216 100

214 80.3 62.6 94.0

179 20.9 14.6 22.0

108 16.7 12.9 19.3

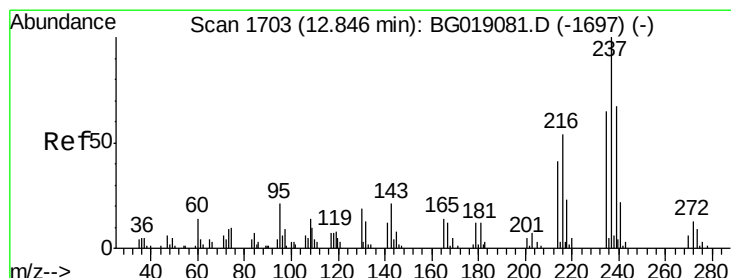
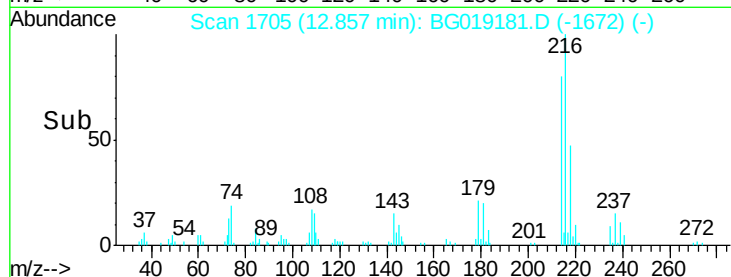
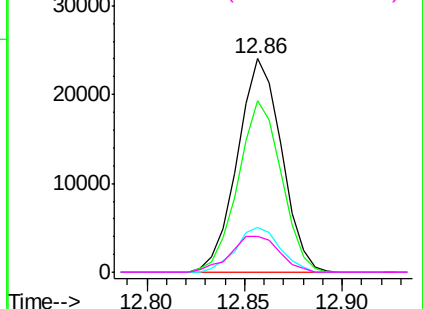


Abundance Ion 216.00 (215.70 to 216.70): E

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



#38

Hexachlorocyclopentadiene

Concen: 17.33 ng/ul

RT: 12.84 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

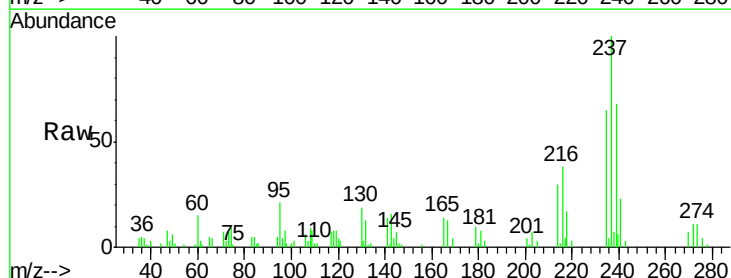
Tgt Ion:237 Resp: 20286

Ion Ratio Lower Upper

237 100

235 64.7 51.7 77.5

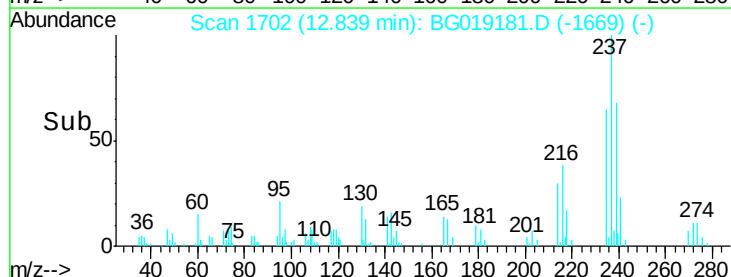
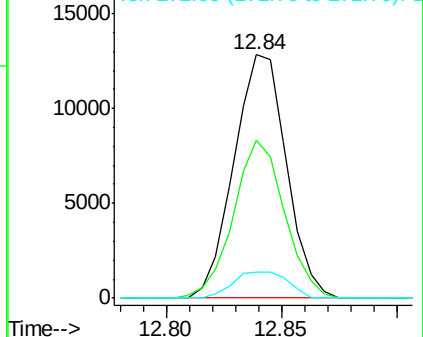
272 10.8 10.2 15.2

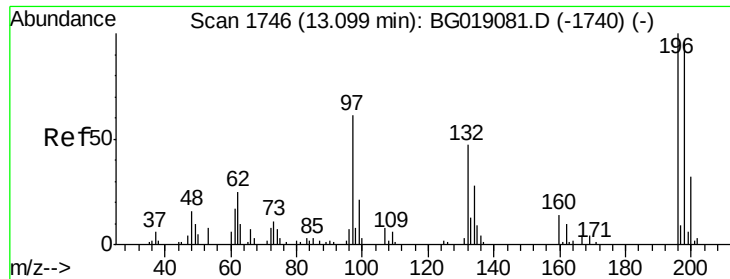


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

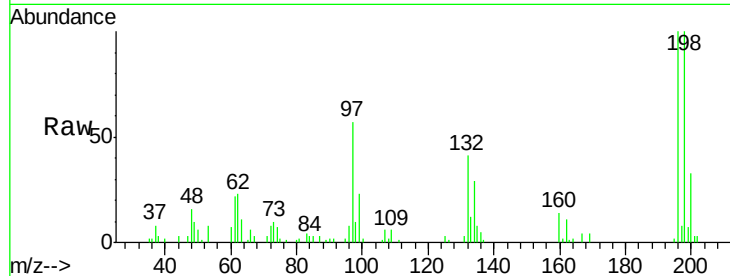




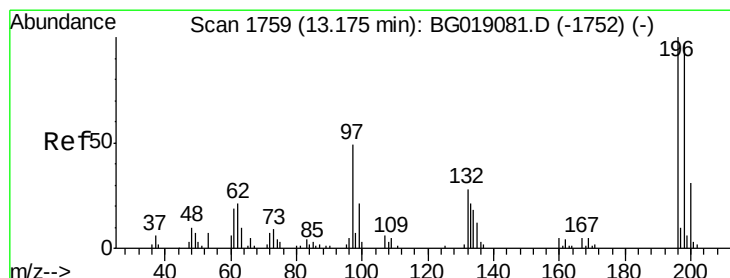
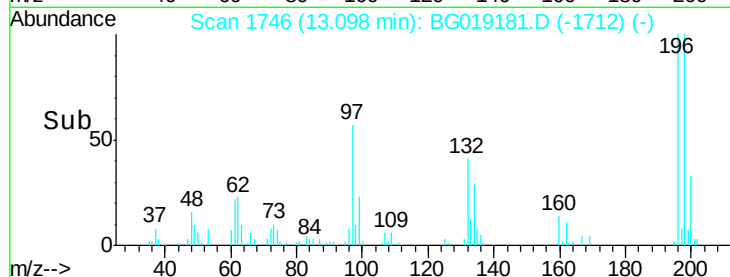
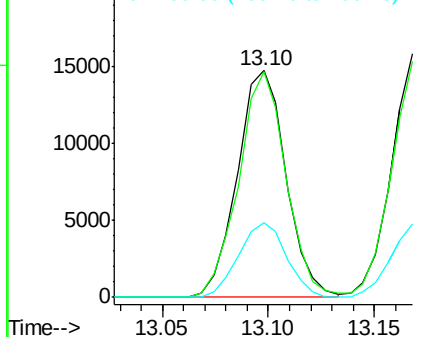
#39  
 2,4,6-Trichlorophenol  
 Concen: 19.96 ng/ul  
 RT: 13.10 min Scan# 1746  
 Delta R.T. -0.00 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

Tot Ion:196 Resp: 23629  
 Ion Ratio Lower Upper  
 196 100  
 198 99.7 79.0 118.6  
 200 33.1 25.8 38.6

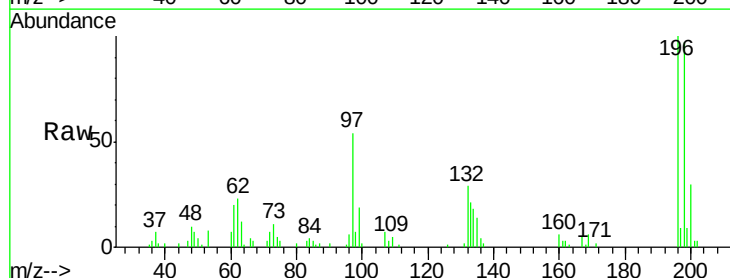


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

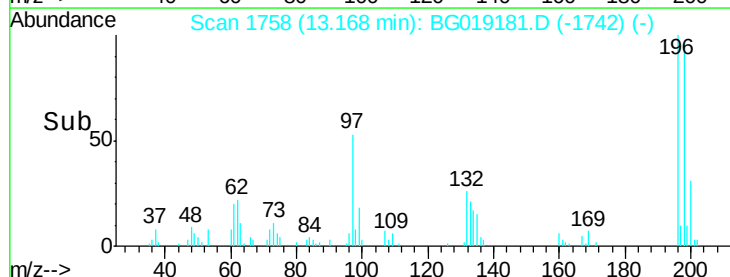
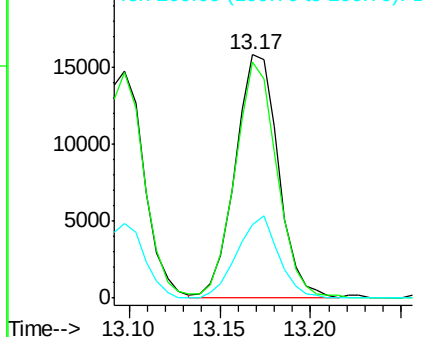


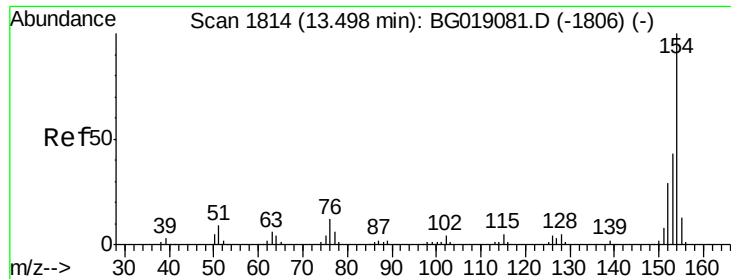
#40  
 2,4,5-Trichlorophenol  
 Concen: 20.69 ng/ul  
 RT: 13.17 min Scan# 1758  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Tgt Ion:196 Resp: 26295  
 Ion Ratio Lower Upper  
 196 100  
 198 96.7 73.9 110.9  
 200 30.2 27.1 40.7



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

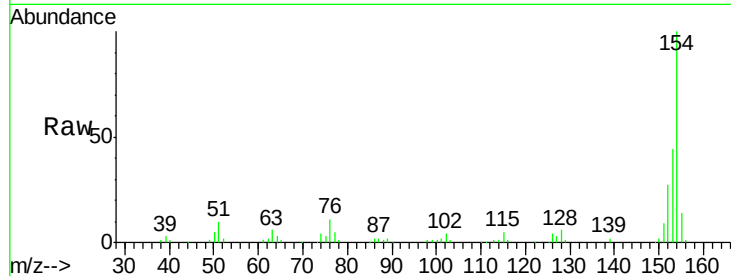




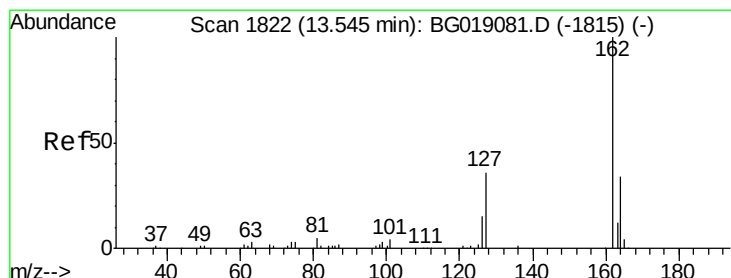
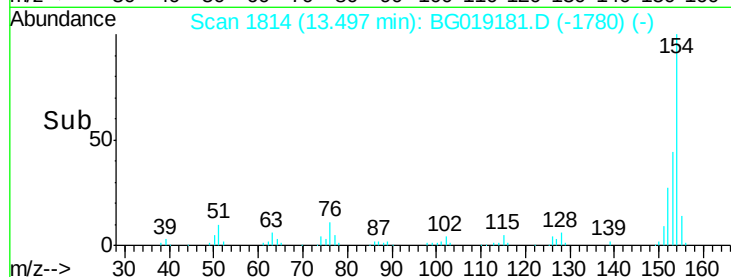
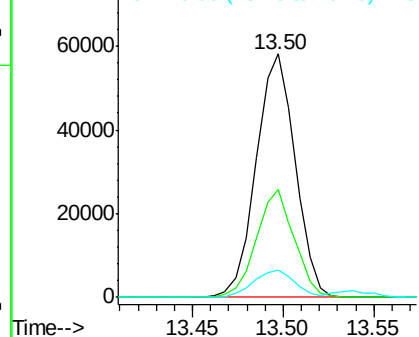
#41  
 1,1'-Biphenyl  
 Concen: 19.02 ng/ul  
 RT: 13.50 min Scan# 1814  
 Delta R.T. -0.00 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

Tot Ion:154 Resp: 86932  
 Ion Ratio Lower Upper  
 154 100  
 153 44.4 31.4 47.0  
 76 11.2 10.8 16.2

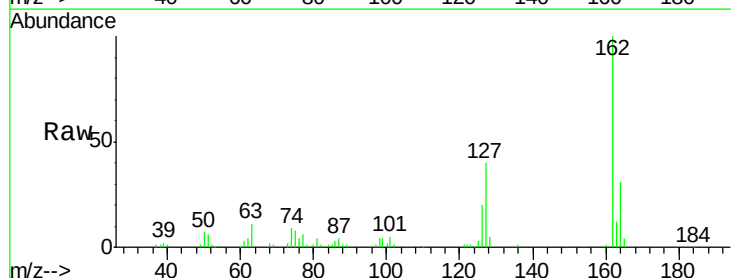


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): B

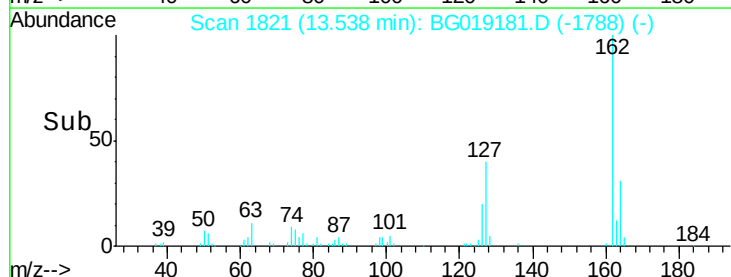
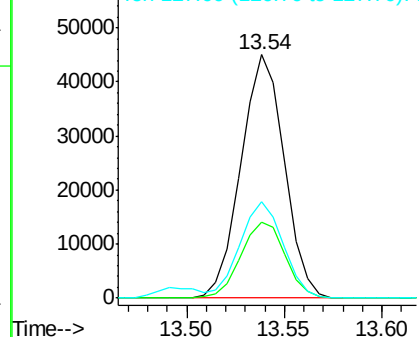


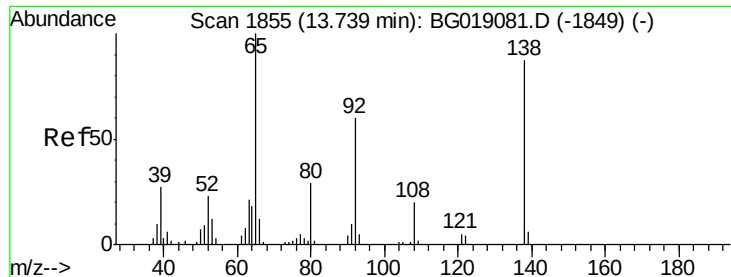
#42  
 2-Chloronaphthalene  
 Concen: 19.47 ng/ul  
 RT: 13.54 min Scan# 1821  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Tgt Ion:162 Resp: 69110  
 Ion Ratio Lower Upper  
 162 100  
 164 31.1 25.8 38.8  
 127 39.6 29.0 43.4



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

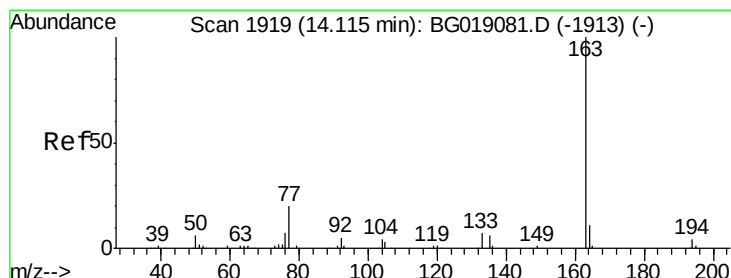
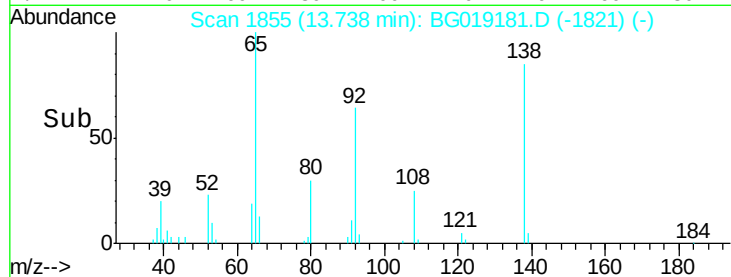
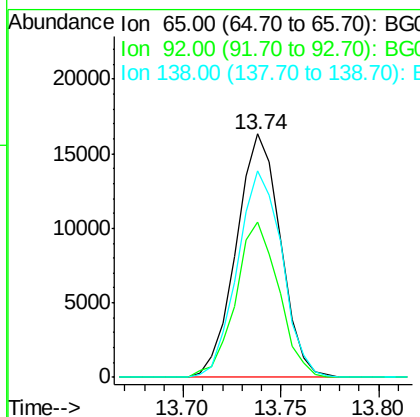
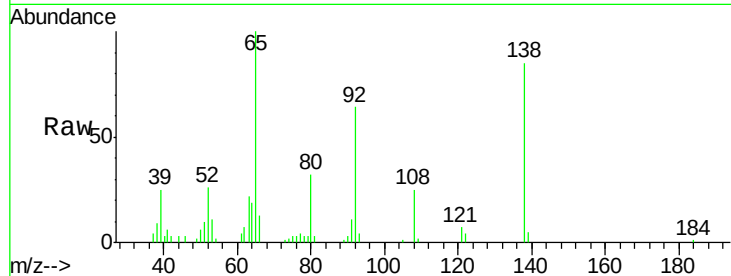




#43  
2-Nitroaniline  
Concen: 22.24 ng/ul  
RT: 13.74 min Scan# 1855  
Delta R.T. -0.00 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

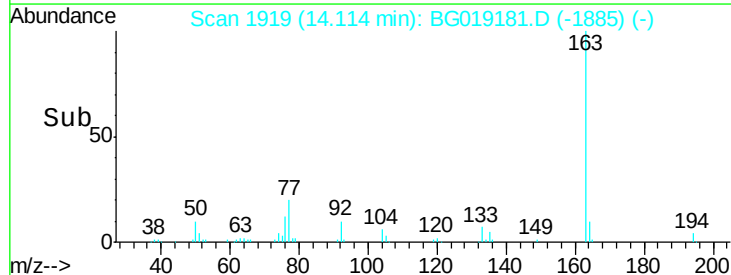
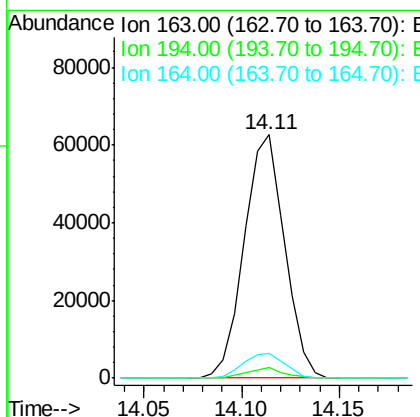
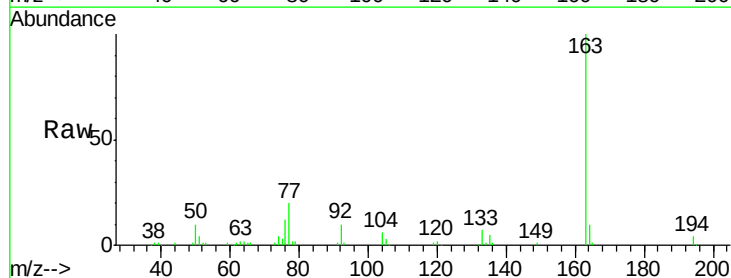
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP01

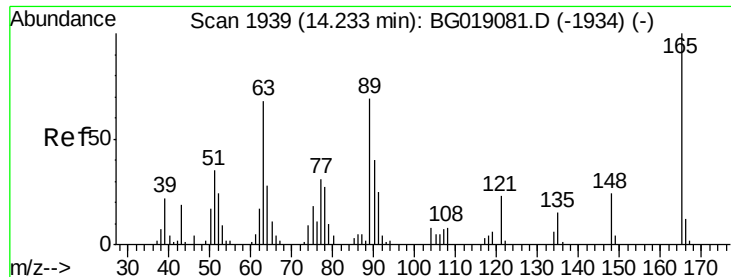
Tot Ion: 65 Resp: 25639  
Ion Ratio Lower Upper  
65 100  
92 63.6 50.7 76.1  
138 84.9 74.9 112.3



#45  
Dimethylphthalate  
Concen: 19.84 ng/ul  
RT: 14.11 min Scan# 1919  
Delta R.T. -0.00 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

Tgt Ion: 163 Resp: 89582  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.0 8.1 12.1

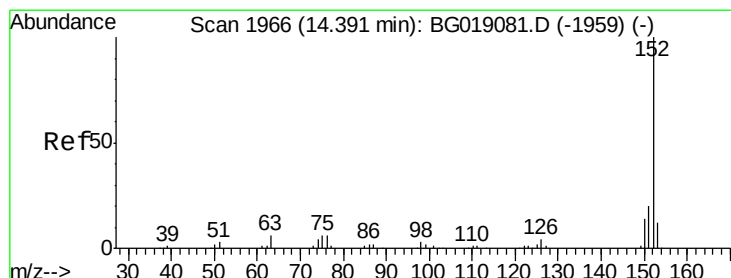
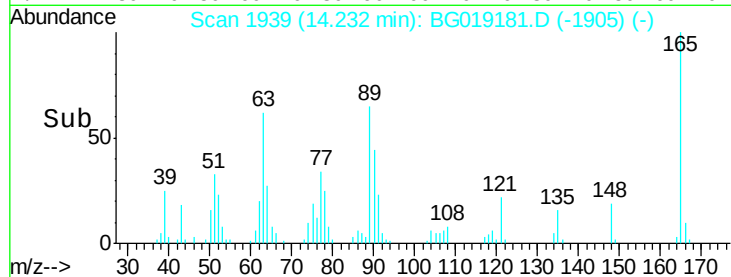
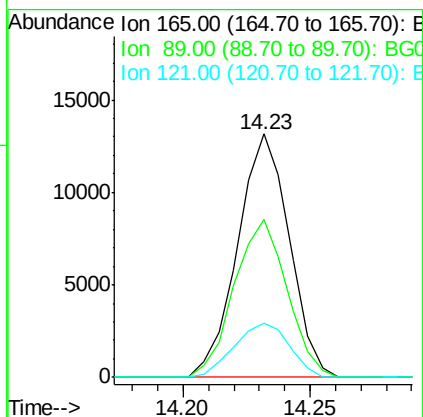
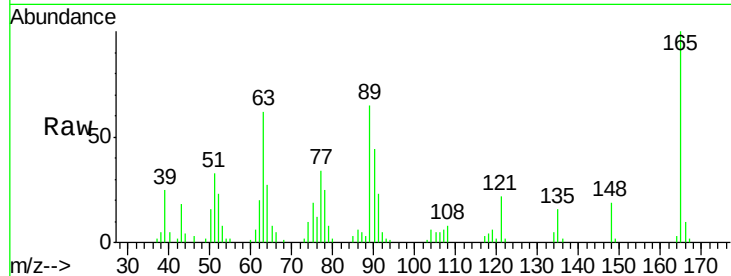




#46  
 2,6-Dinitrotoluene  
 Concen: 21.51 ng/ul  
 RT: 14.23 min Scan# 1939  
 Delta R.T. -0.00 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

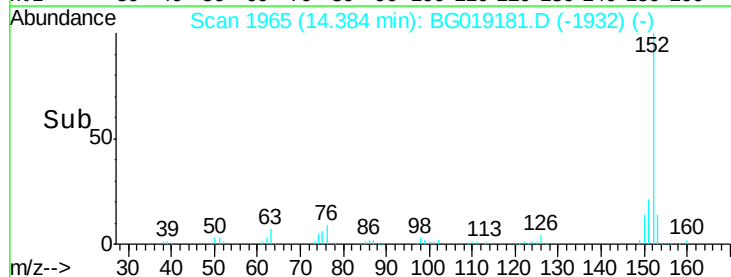
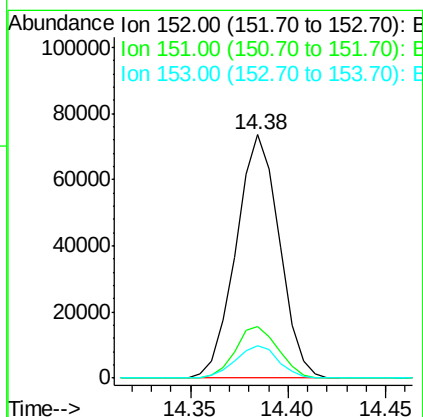
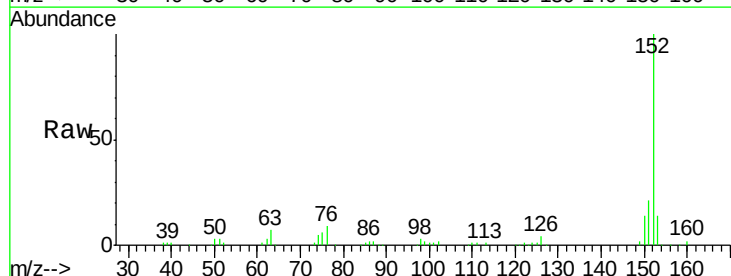
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

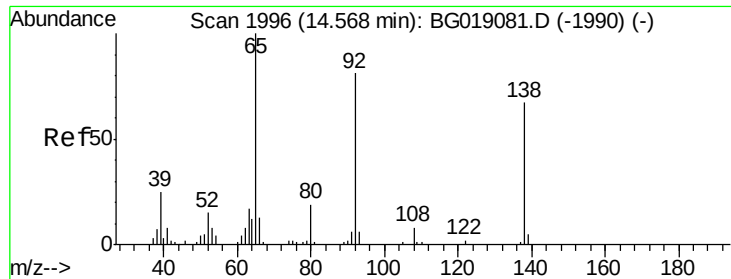
Tot Ion:165 Resp: 18674  
 Ion Ratio Lower Upper  
 165 100  
 89 64.9 45.5 68.3  
 121 22.4 16.8 25.2



#48  
 Acenaphthylene  
 Concen: 19.34 ng/ul  
 RT: 14.38 min Scan# 1965  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Tgt Ion:152 Resp: 113259  
 Ion Ratio Lower Upper  
 152 100  
 151 21.4 16.6 25.0  
 153 13.5 10.5 15.7





#49

3-Nitroaniline

Concen: 21.64 ng/ul

RT: 14.56 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

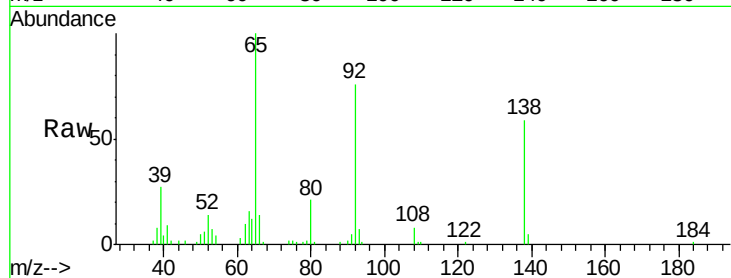
Tot Ion:138 Resp: 18564

Ion Ratio Lower Upper

138 100

108 13.6 8.9 13.3#

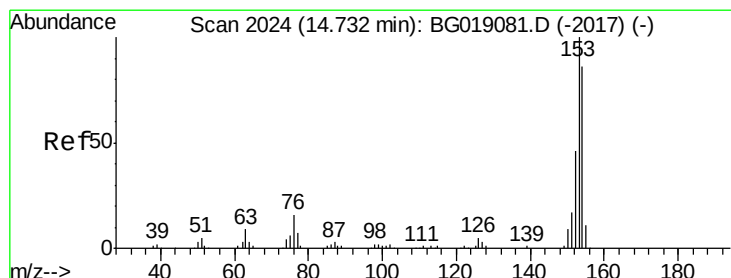
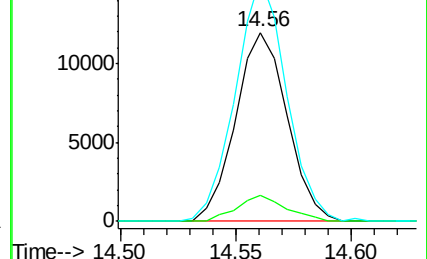
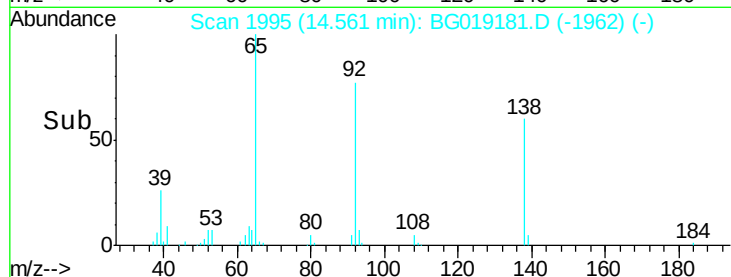
92 128.9 92.4 138.6



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): B



#50

Acenaphthene

Concen: 19.48 ng/ul

RT: 14.73 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

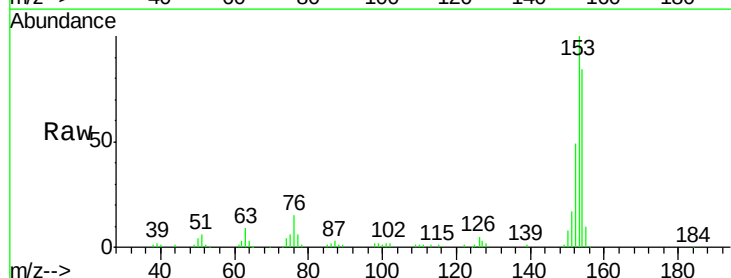
Tgt Ion:153 Resp: 77381

Ion Ratio Lower Upper

153 100

152 48.6 36.2 54.2

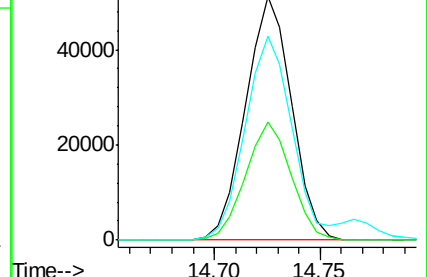
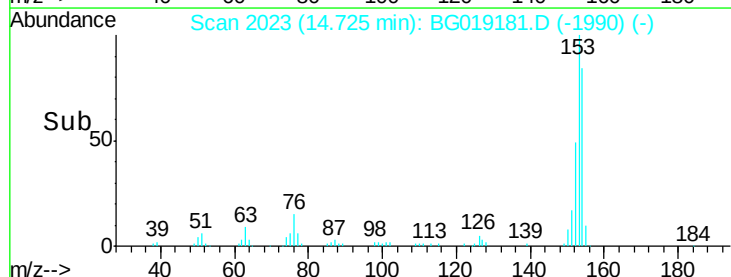
154 83.5 67.5 101.3

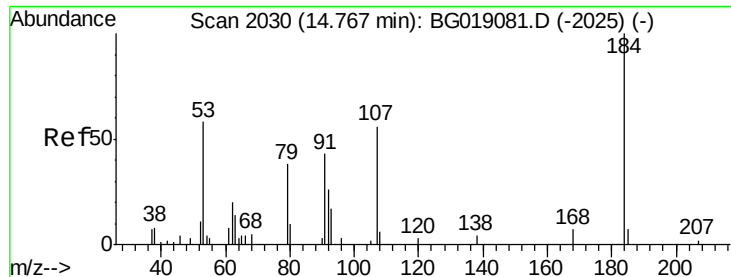


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

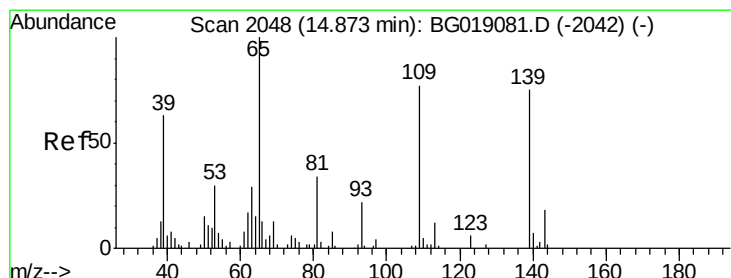
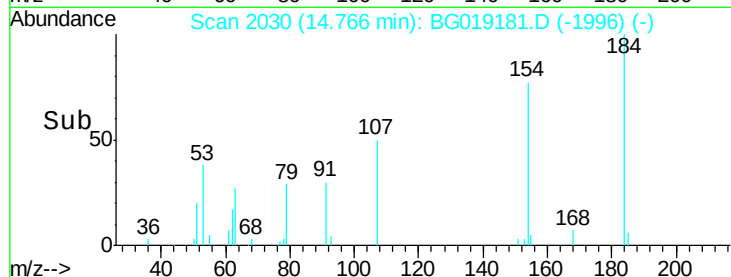
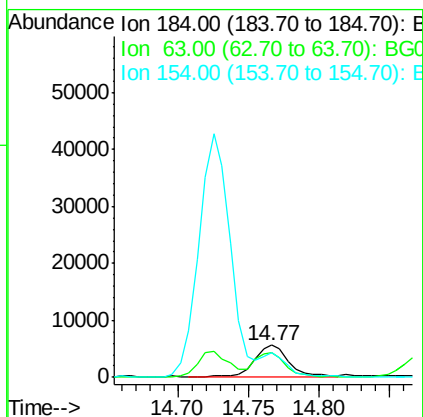
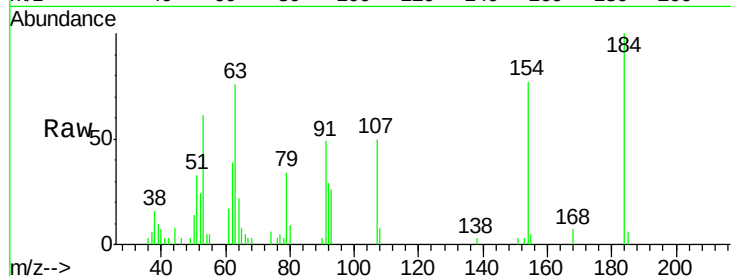




#51  
 2,4-Dinitrophenol  
 Concen: 19.97 ng/ul  
 RT: 14.77 min Scan# 2030  
 Delta R.T. -0.00 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

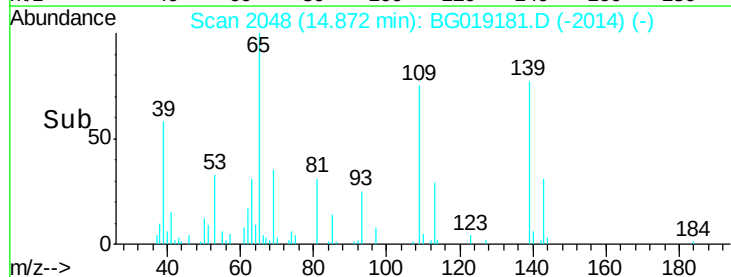
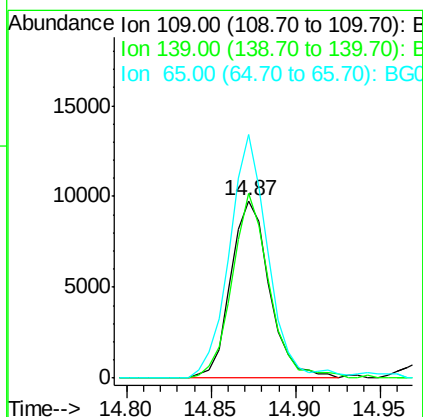
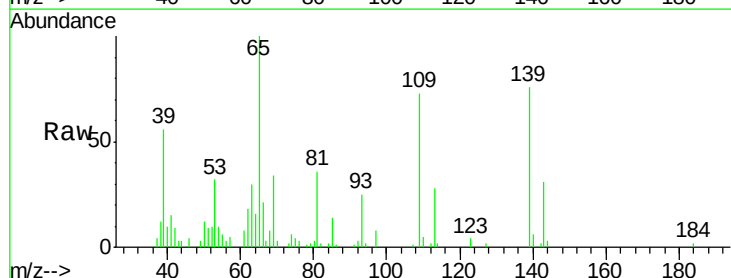
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

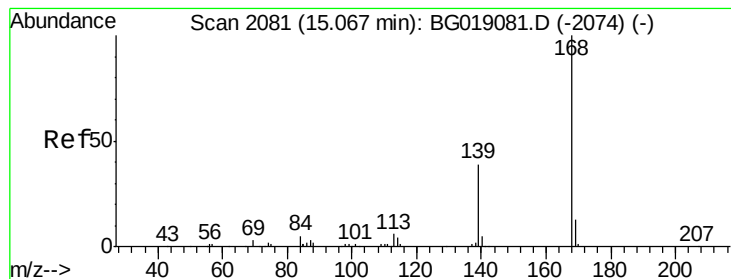
Tot Ion:184 Resp: 10041  
 Ion Ratio Lower Upper  
 184 100  
 63 75.8 51.0 76.4  
 154 77.3 56.5 84.7



#53  
 4-Nitrophenol  
 Concen: 22.82 ng/ul  
 RT: 14.87 min Scan# 2048  
 Delta R.T. -0.00 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Tgt Ion:109 Resp: 15588  
 Ion Ratio Lower Upper  
 109 100  
 139 103.8 97.9 146.9  
 65 137.1 117.4 176.0





#54

Dibenzofuran

Concen: 19.78 ng/ul

RT: 15.06 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

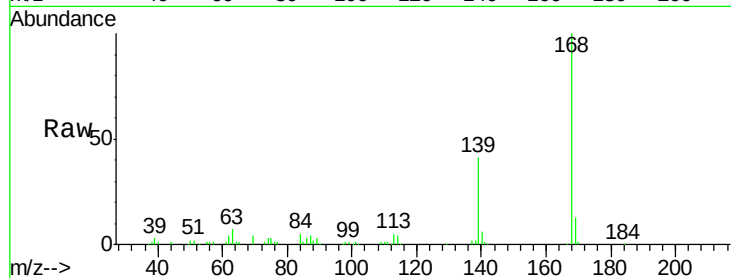
DFTPP01

Tot Ion:168 Resp: 106918

Ion Ratio Lower Upper

168 100

139 41.5 28.5 42.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.06

80000

60000

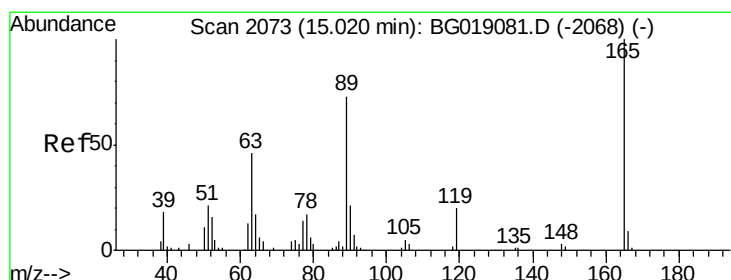
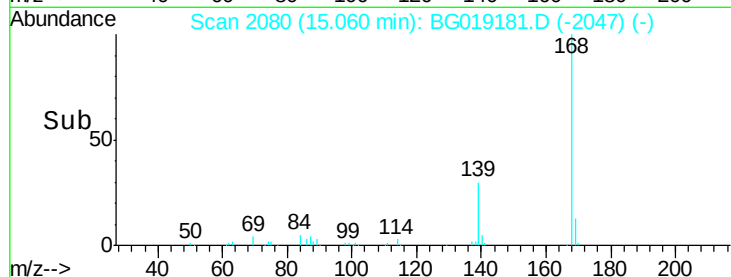
40000

20000

0

15.00 15.05 15.10

Time-->



#55

2,4-Dinitrotoluene

Concen: 22.27 ng/ul

RT: 15.02 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

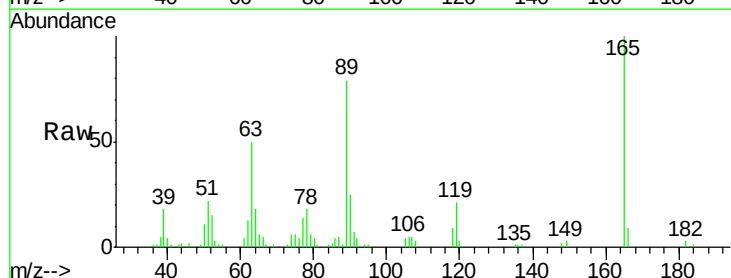
Tgt Ion:165 Resp: 28284

Ion Ratio Lower Upper

165 100

63 50.0 39.5 59.3

182 2.6 2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

15.02

25000

20000

15000

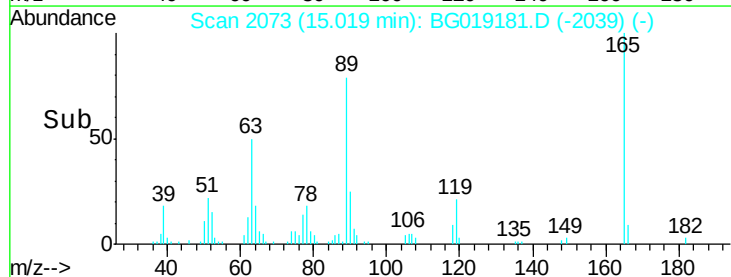
10000

5000

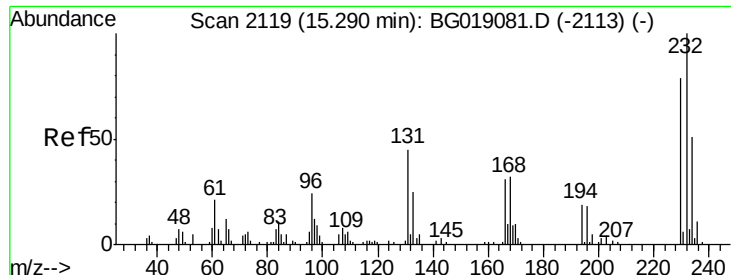
0

14.95 15.00 15.05

Time-->







#56

2,3,4,6-Tetrachlorophenol

Concen: 20.79 ng/ul

RT: 15.28 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

Tot Ion:232 Resp: 24377

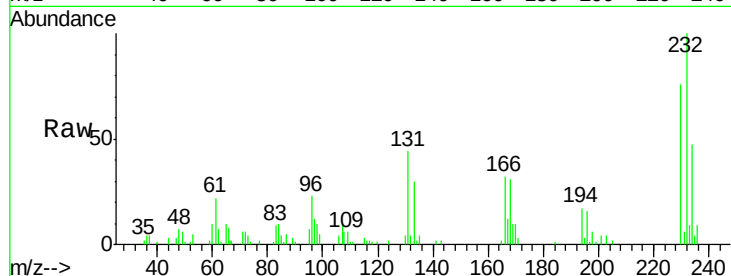
Ion Ratio Lower Upper

232 100

131 44.0 32.6 49.0

130 3.5 2.2 3.4#

166 32.1 23.1 34.7

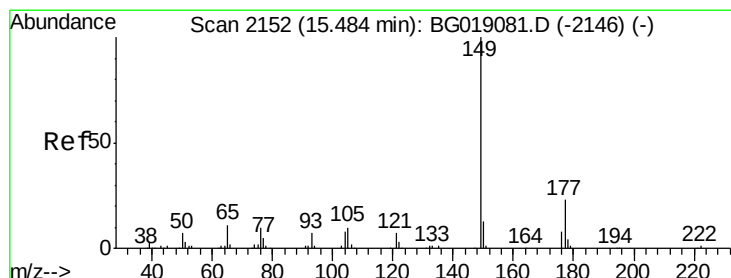
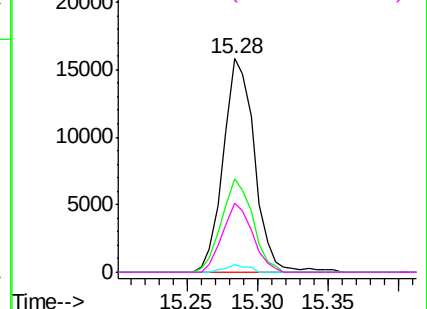
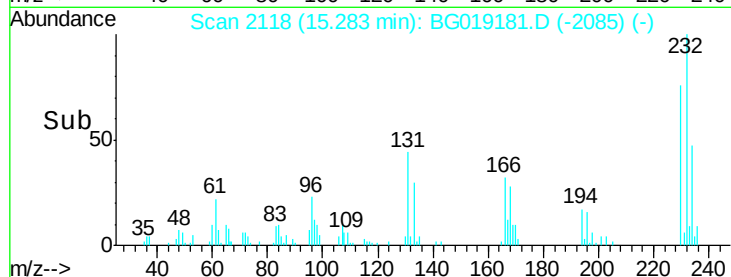


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 19.94 ng/ul

RT: 15.48 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

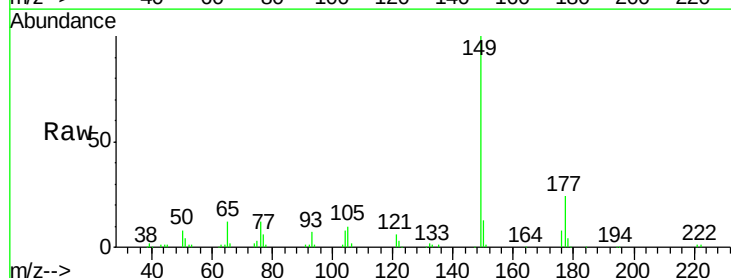
Tgt Ion:149 Resp: 90324

Ion Ratio Lower Upper

149 100

177 24.4 17.4 26.0

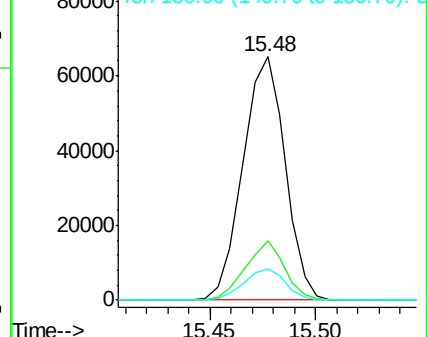
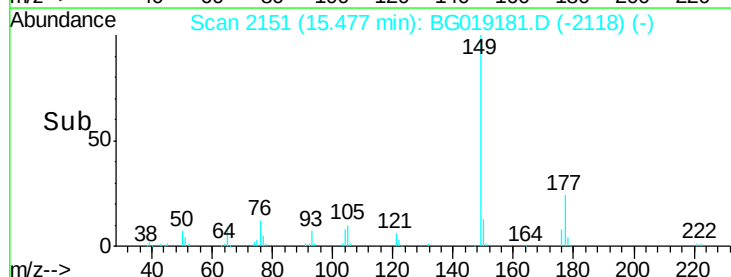
150 12.6 10.0 15.0

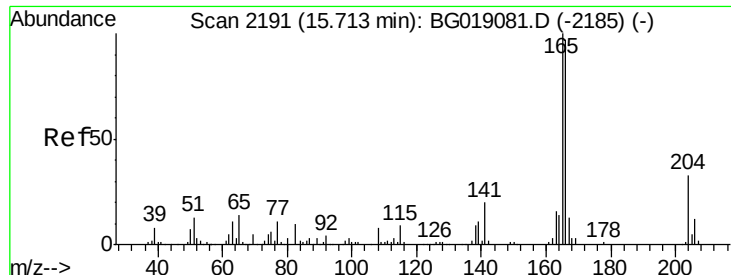


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 19.76 ng/ul

RT: 15.71 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

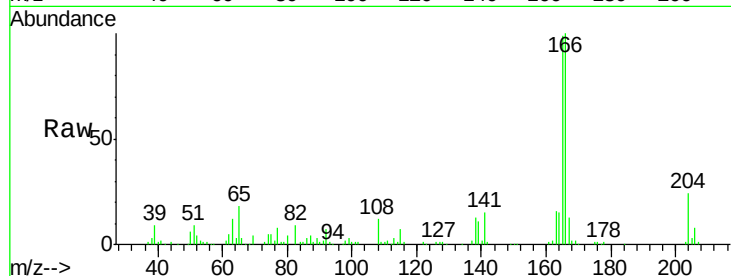
Tot Ion:166 Resp: 90032

Ion Ratio Lower Upper

166 100

165 99.3 77.7 116.5

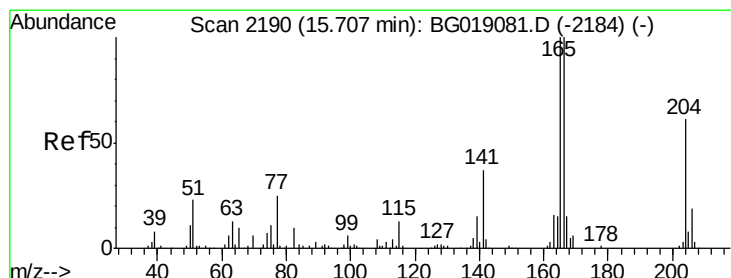
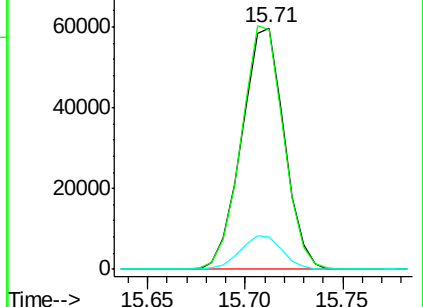
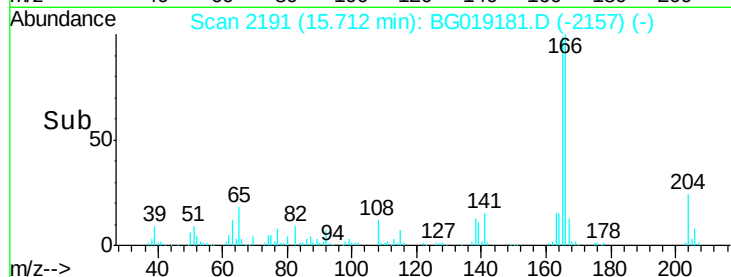
167 13.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 20.51 ng/ul

RT: 15.70 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

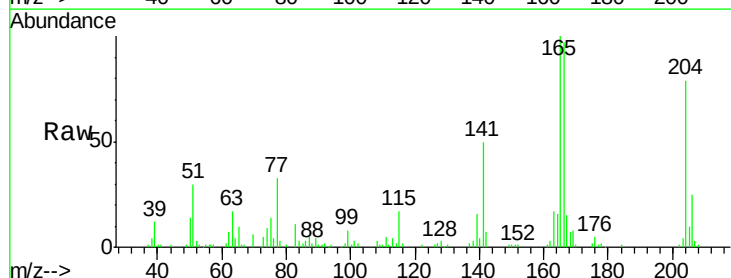
Tgt Ion:204 Resp: 46166

Ion Ratio Lower Upper

204 100

206 31.8 26.4 39.6

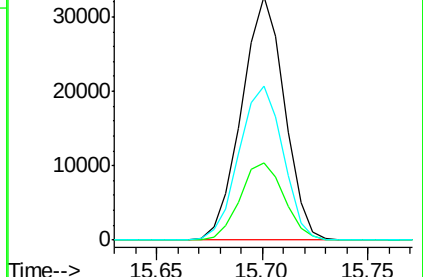
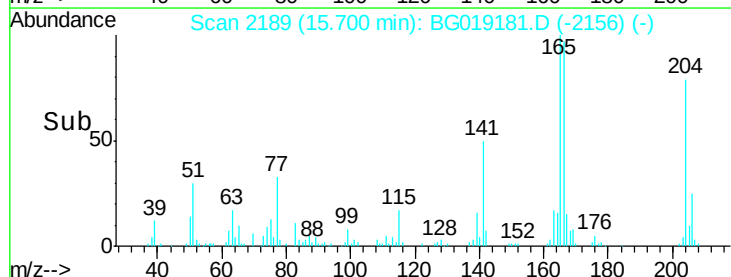
141 63.5 44.4 66.6

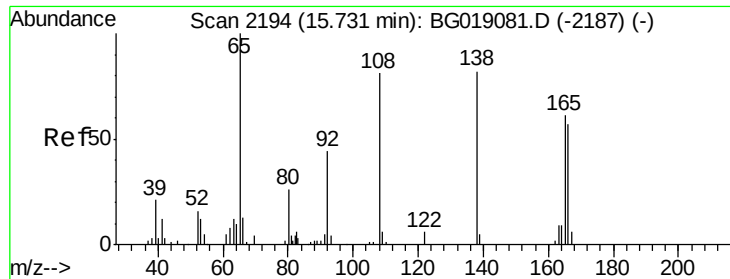


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

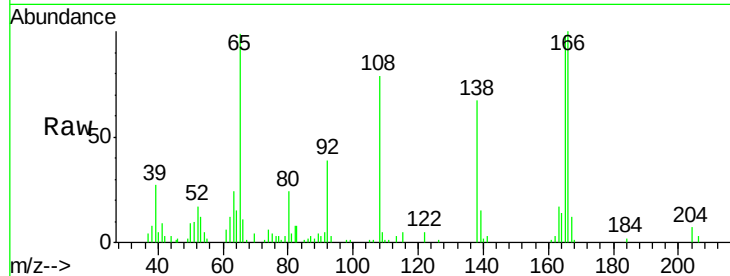




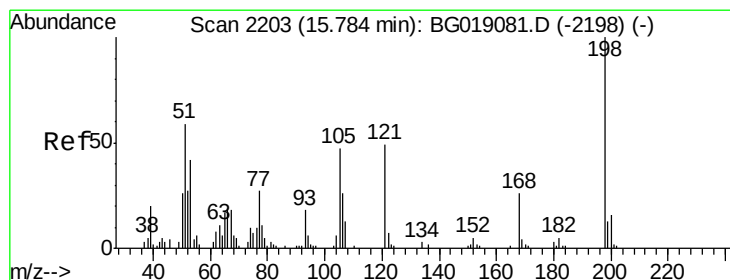
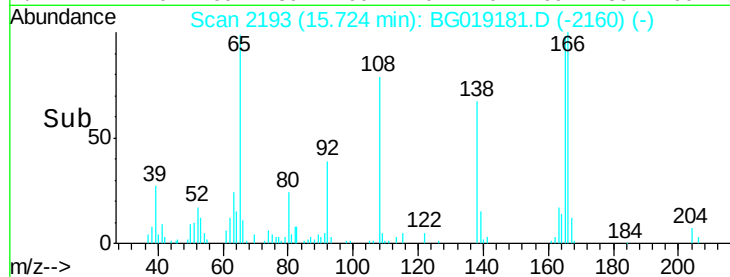
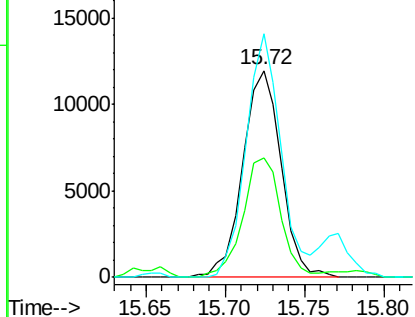
#61  
 4-Nitroaniline  
 Concen: 20.78 ng/ul  
 RT: 15.72 min Scan# 2193  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

Tot Ion:138 Resp: 20140  
 Ion Ratio Lower Upper  
 138 100  
 92 57.7 47.4 71.2  
 108 117.7 62.8 94.2#

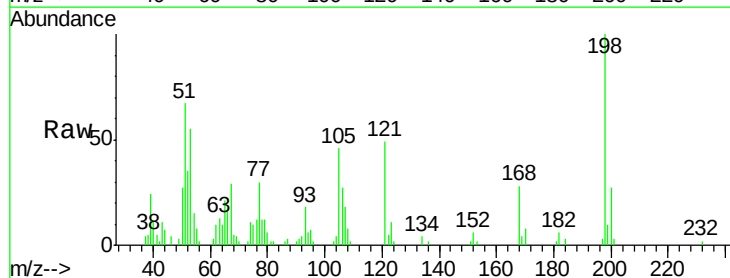


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BG  
 Ion 108.00 (107.70 to 108.70): E

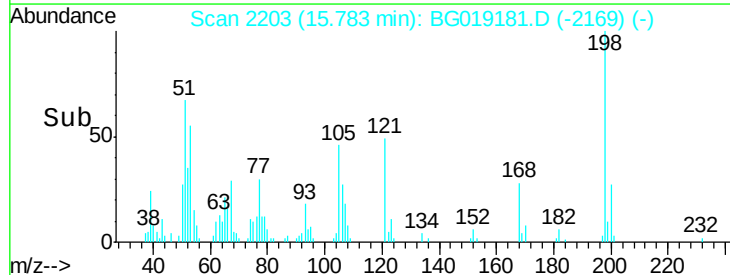
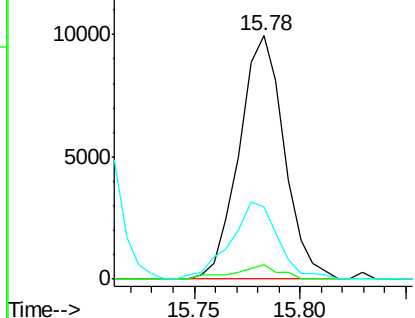


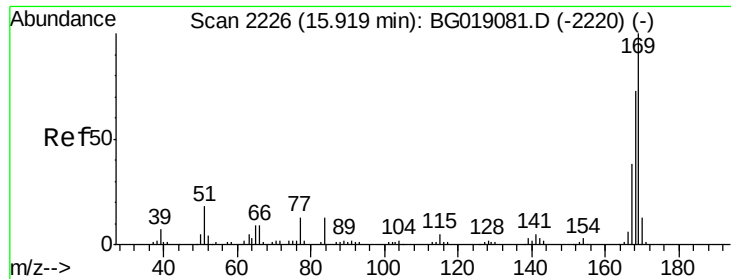
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 19.50 ng/ul  
 RT: 15.78 min Scan# 2203  
 Delta R.T. -0.00 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Tgt Ion:198 Resp: 14741  
 Ion Ratio Lower Upper  
 198 100  
 182 5.8 4.3 6.5  
 77 29.6 20.2 30.2



Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BG





#65

N-Nitrosodiphenylamine

Concen: 19.57 ng/ul

RT: 15.91 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

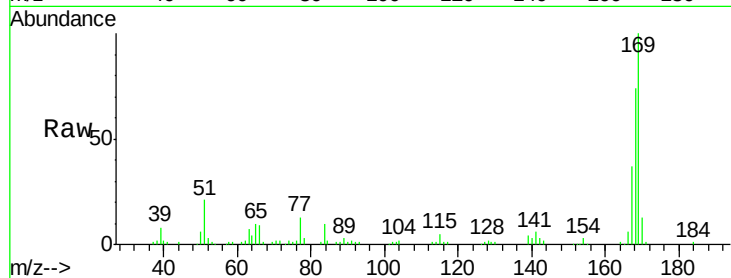
Tot Ion:169 Resp: 75136

Ion Ratio Lower Upper

169 100

168 74.4 58.2 87.4

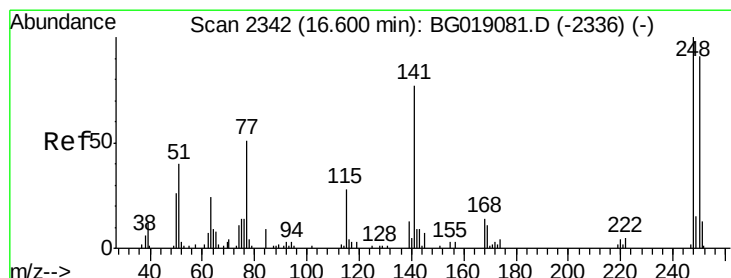
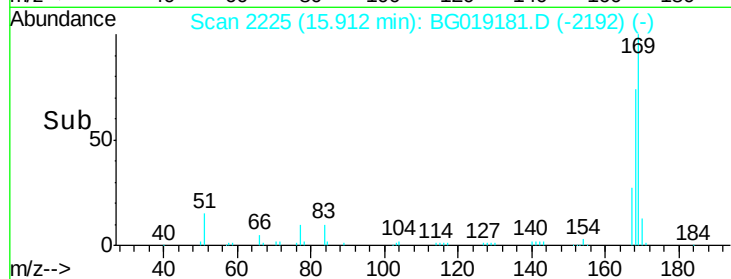
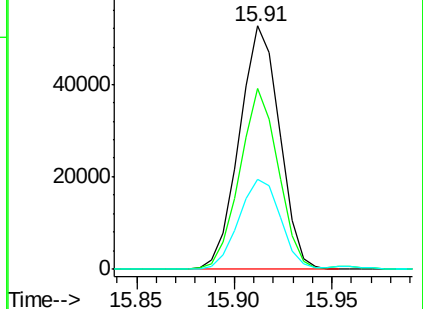
167 36.8 30.9 46.3



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



#66

4-Bromophenyl-phenylether

Concen: 21.25 ng/ul

RT: 16.59 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

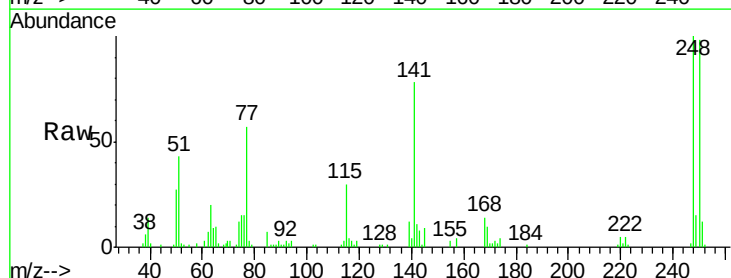
Tgt Ion:248 Resp: 30600

Ion Ratio Lower Upper

248 100

250 98.5 79.1 118.7

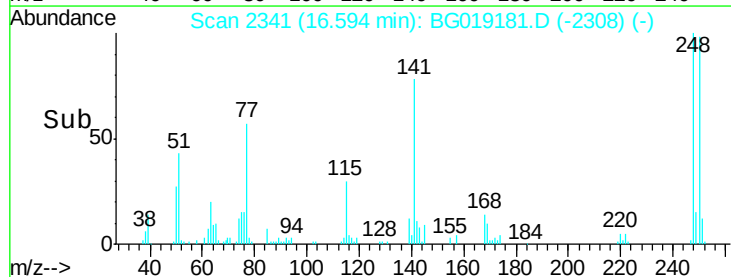
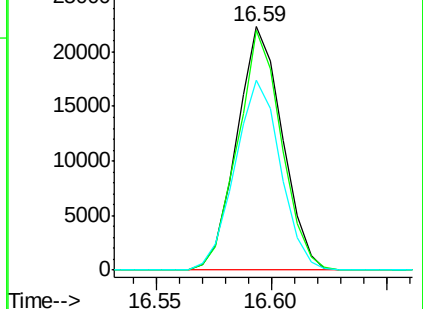
141 78.0 55.1 82.7

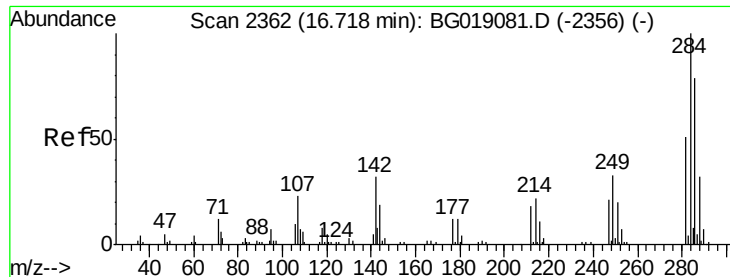


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 21.49 ng/ul

RT: 16.72 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

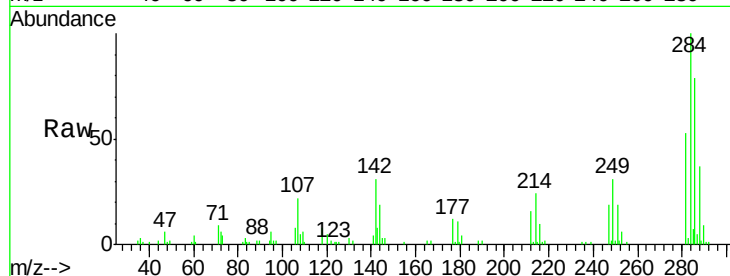
Tot Ion:284 Resp: 35206

Ion Ratio Lower Upper

284 100

142 30.6 25.4 38.0

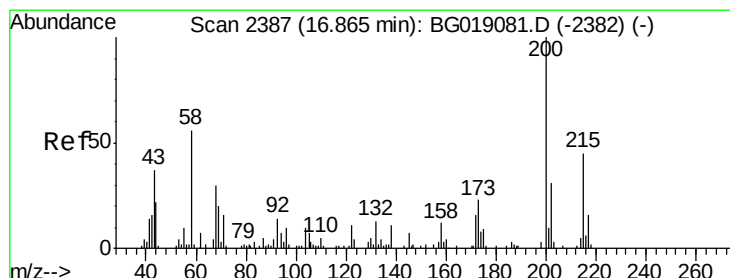
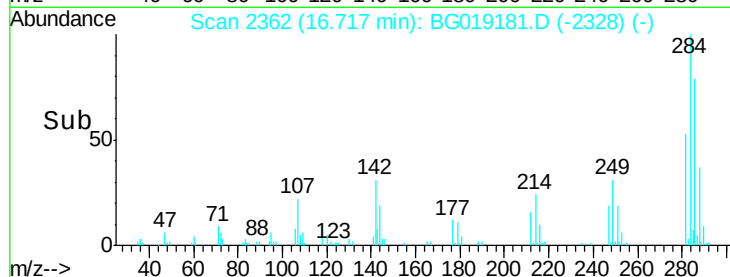
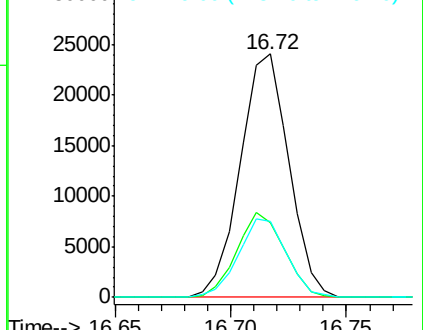
249 31.3 25.6 38.4



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 20.70 ng/ul

RT: 16.86 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

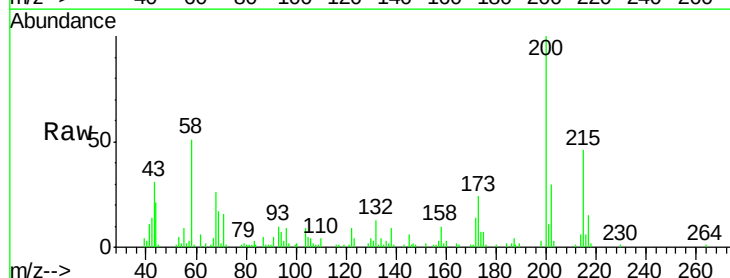
Tgt Ion:200 Resp: 32964

Ion Ratio Lower Upper

200 100

173 23.6 18.5 27.7

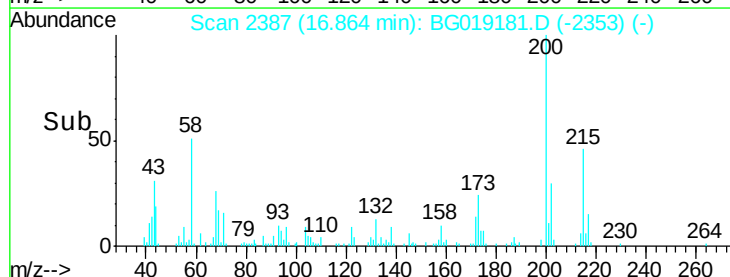
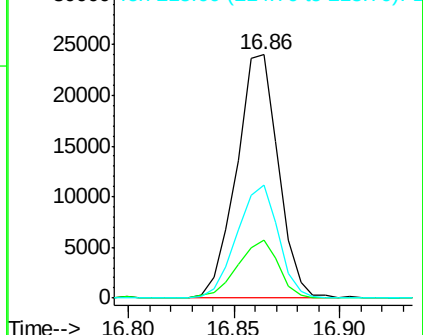
215 46.3 35.9 53.9

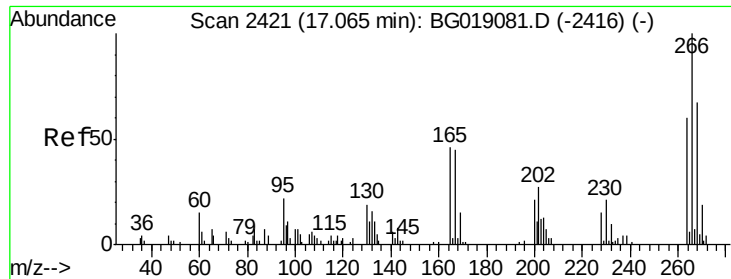


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

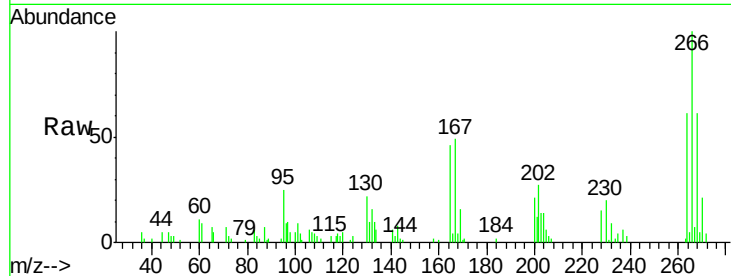




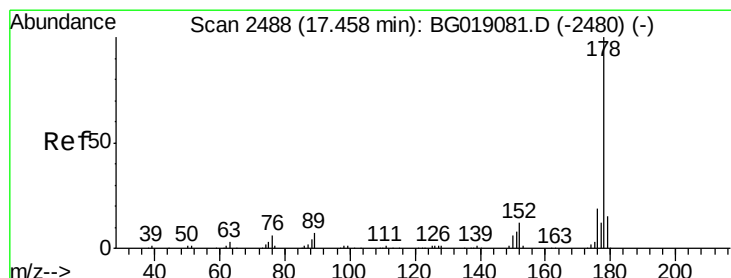
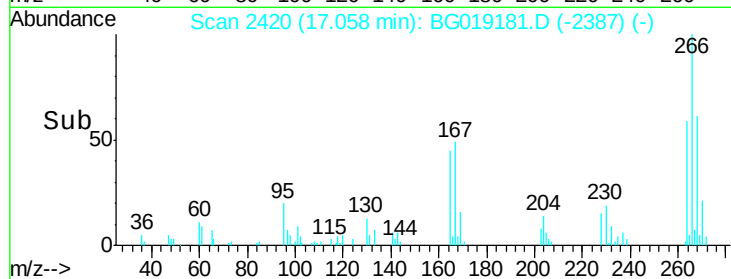
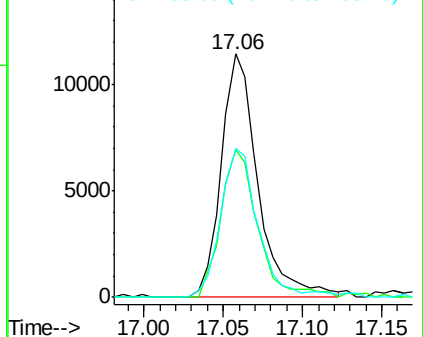
#69  
 Pentachlorophenol  
 Concen: 17.85 ng/ul  
 RT: 17.06 min Scan# 2420  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 60.8  | 49.0  | 73.6  |
| 268     | 61.3  | 55.6  | 83.4  |

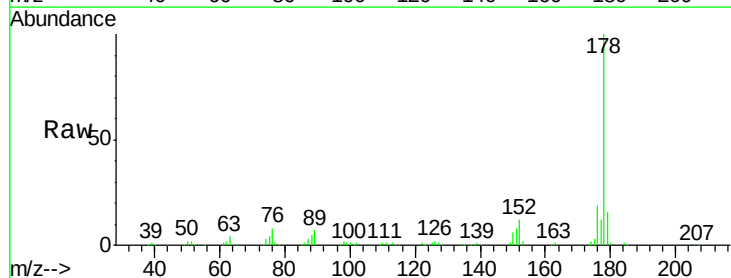


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

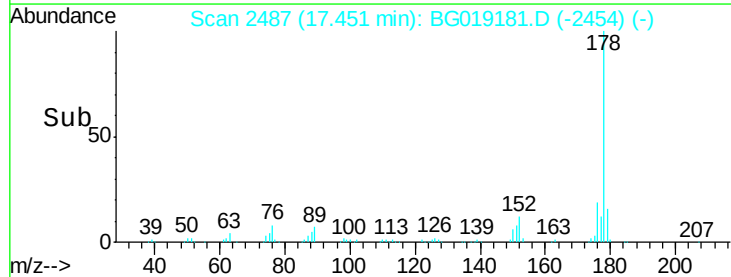
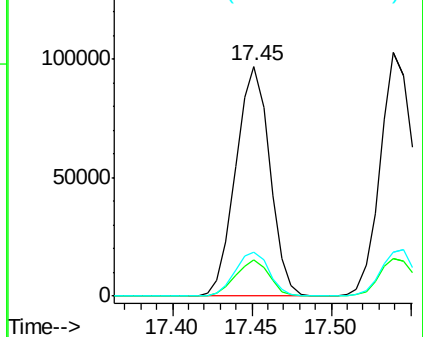


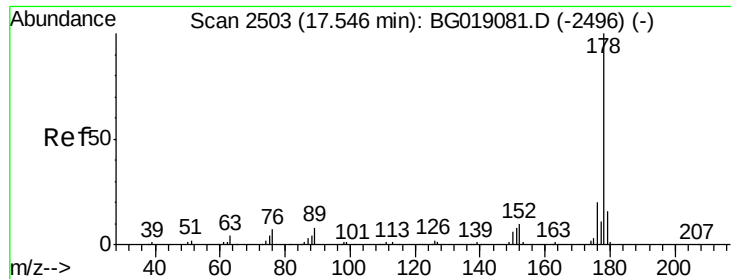
#70  
 Phenanthrene  
 Concen: 19.46 ng/ul  
 RT: 17.45 min Scan# 2487  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.8  | 12.5  | 18.7  |
| 176     | 19.3  | 15.4  | 23.0  |



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





#72

Anthracene

Concen: 19.97 ng/uL

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

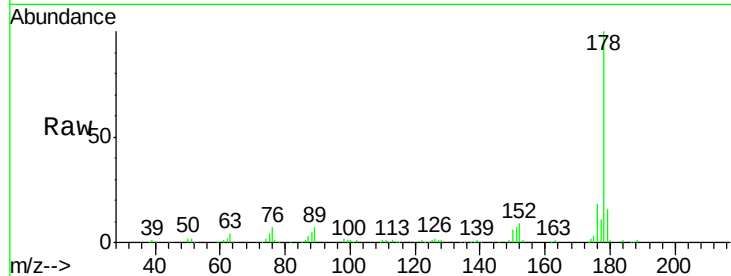
Tot Ion:178 Resp: 149678

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

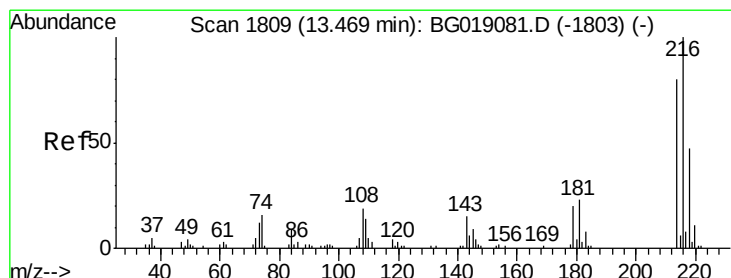
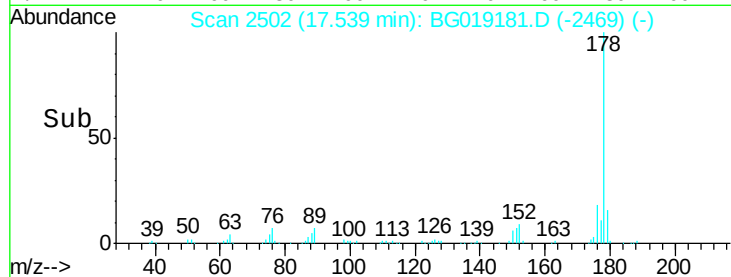
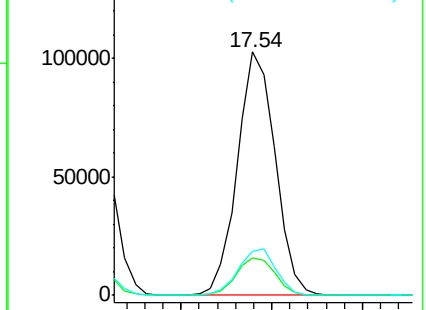
176 17.9 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 20.72 ng/uL

RT: 13.46 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

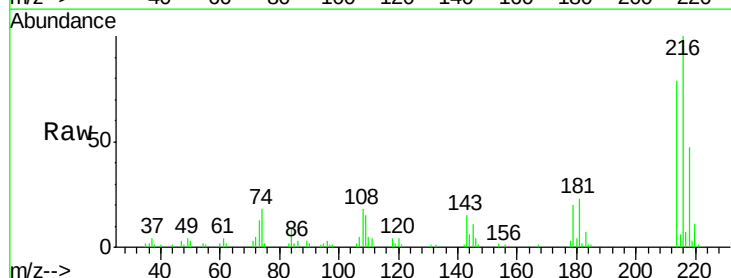
Tgt Ion:216 Resp: 36879

Ion Ratio Lower Upper

216 100

214 78.9 64.5 96.7

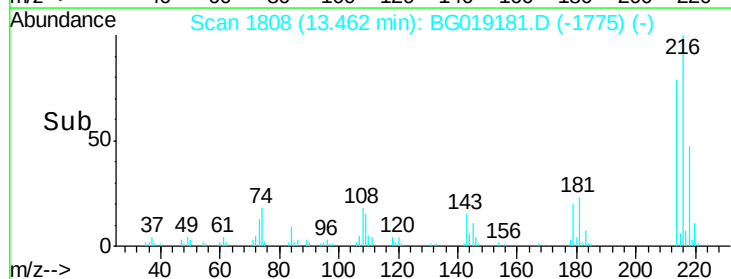
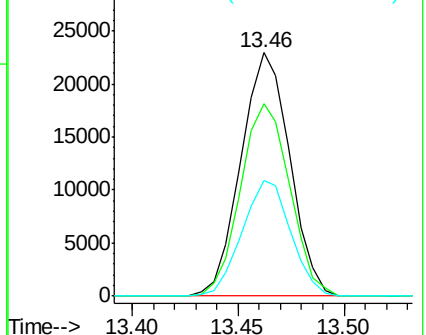
218 47.4 40.4 60.6

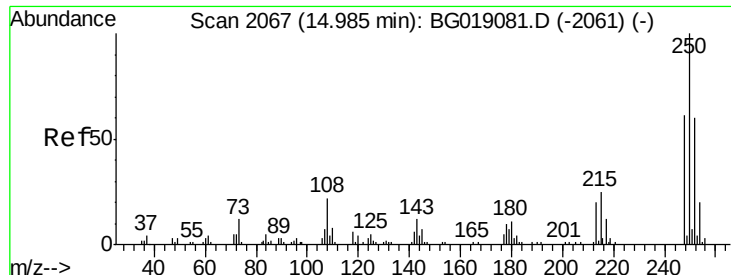


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

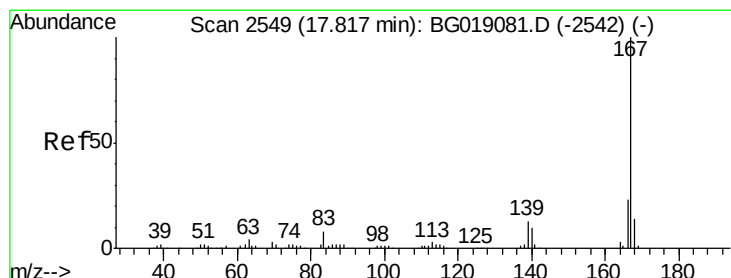
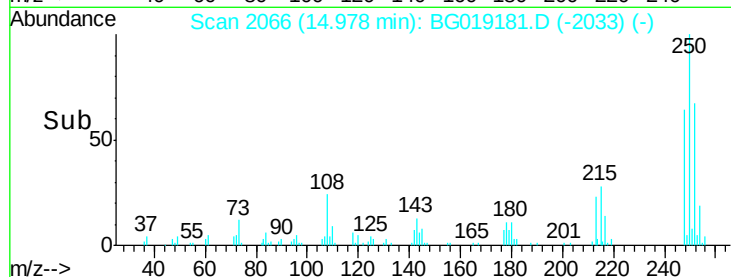
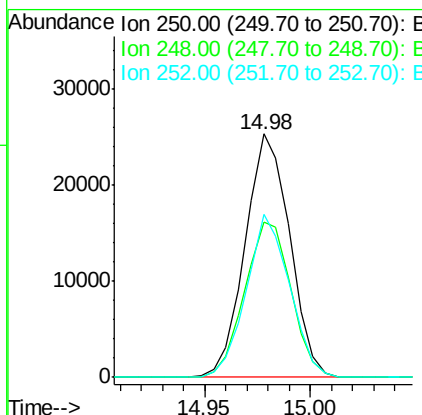
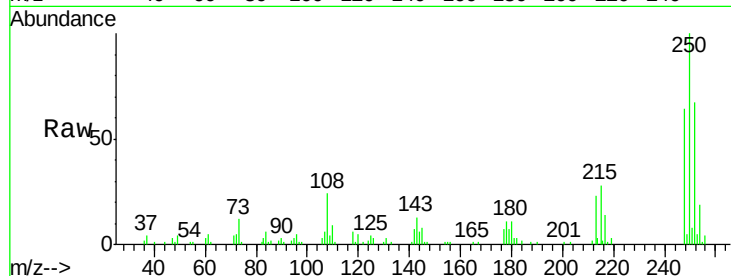




#74  
 Pentachlorobenzene  
 Concen: 21.39 ng/uL  
 RT: 14.98 min Scan# 2066  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

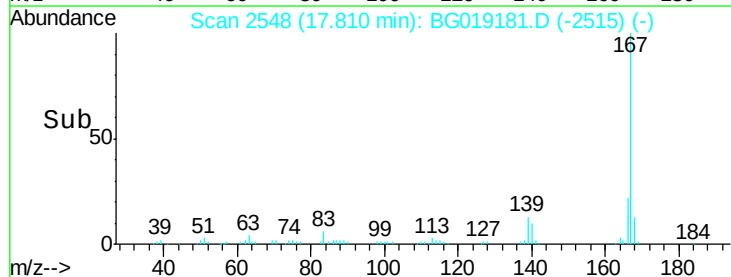
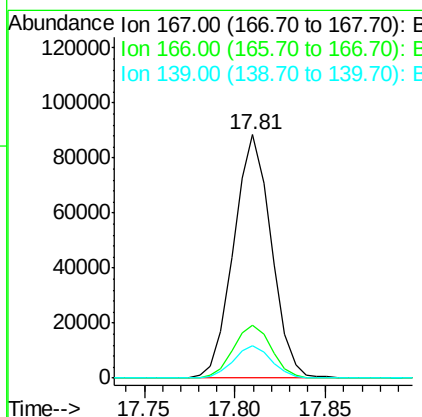
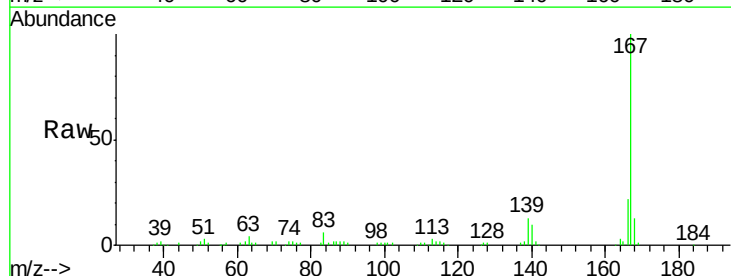
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

Tot Ion:250 Resp: 37089  
 Ion Ratio Lower Upper  
 250 100  
 248 63.7 47.4 71.2  
 252 67.2 50.2 75.4

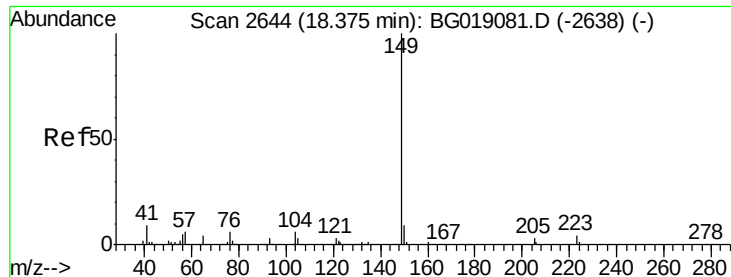


#75  
 Carbazole  
 Concen: 19.72 ng/uL  
 RT: 17.81 min Scan# 2548  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Tgt Ion:167 Resp: 127510  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 18.6 27.8  
 139 13.2 9.8 14.8



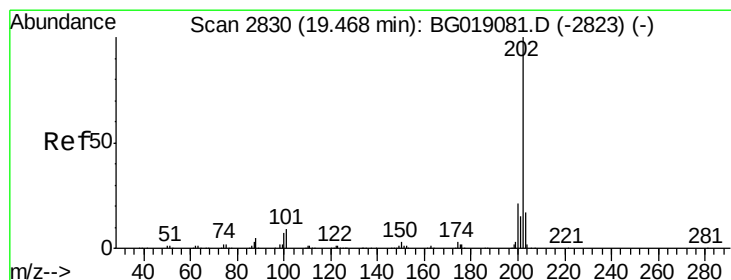
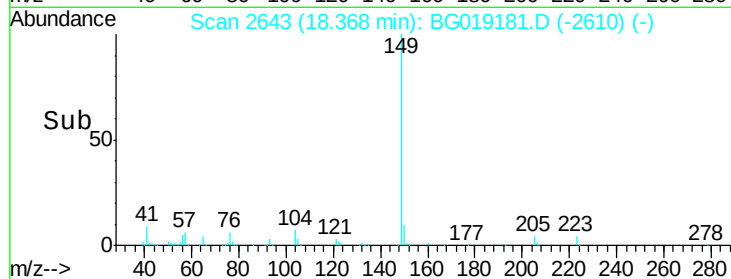
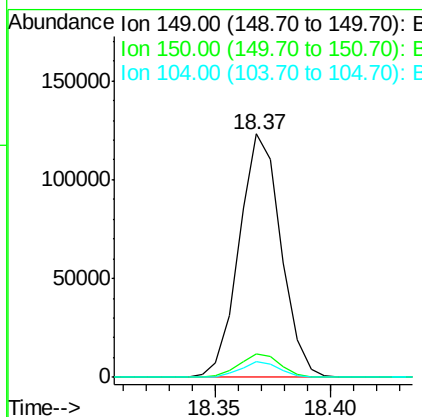
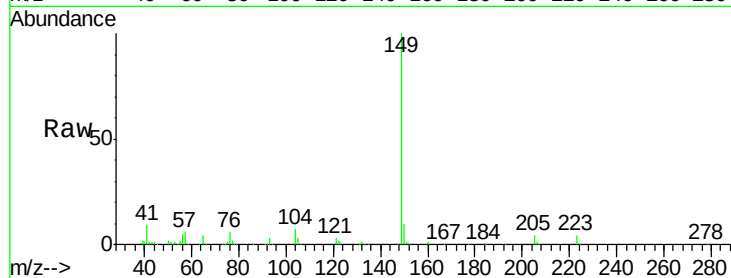




#76  
Di-n-butylphthalate  
Concen: 18.83 ng/ul  
RT: 18.37 min Scan# 2643  
Delta R.T. -0.01 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

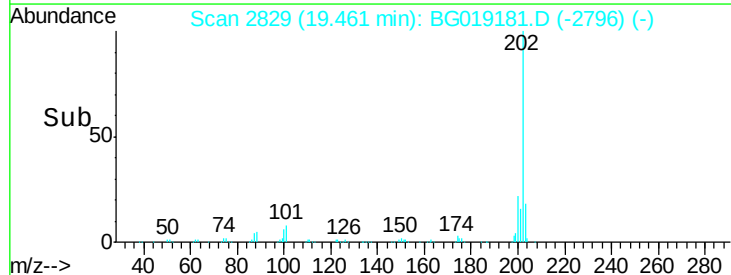
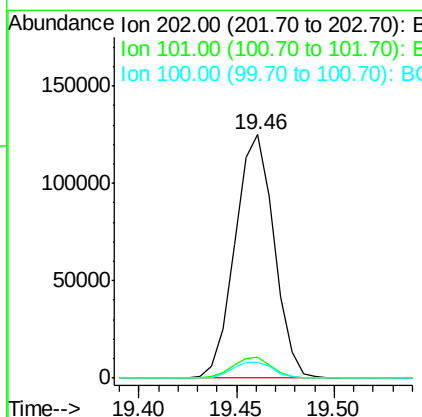
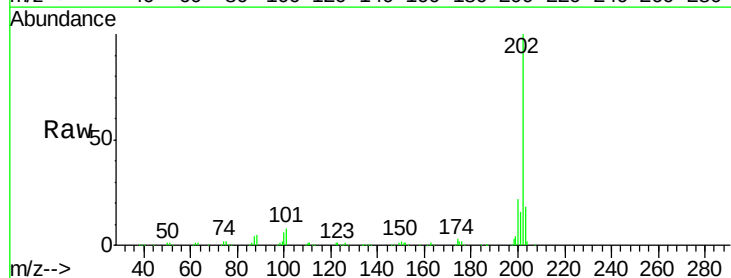
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP01

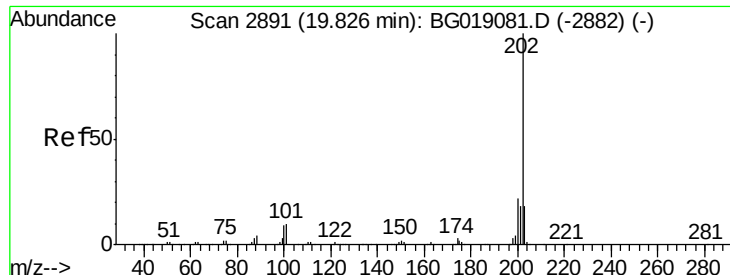
Tot Ion:149 Resp: 155620  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.1 10.7  
104 6.6 3.9 5.9#



#77  
Fluoranthene  
Concen: 20.02 ng/ul  
RT: 19.46 min Scan# 2829  
Delta R.T. -0.01 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

Tgt Ion:202 Resp: 173361  
Ion Ratio Lower Upper  
202 100  
101 8.4 9.0 13.4#  
100 6.3 6.9 10.3#

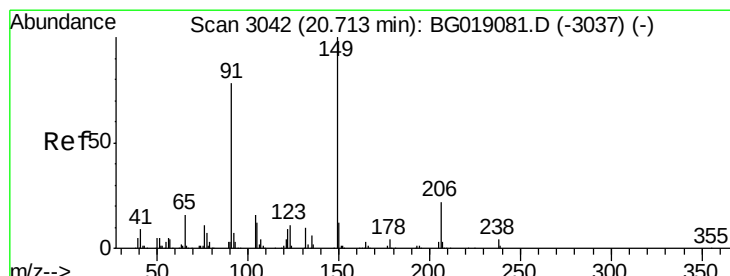
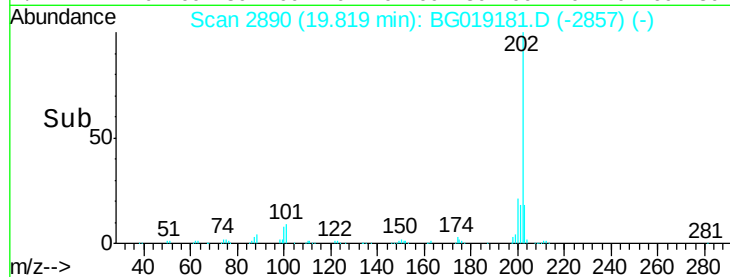
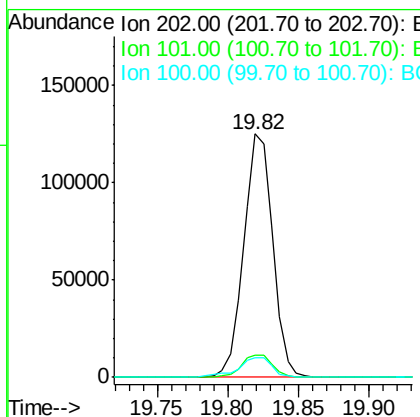
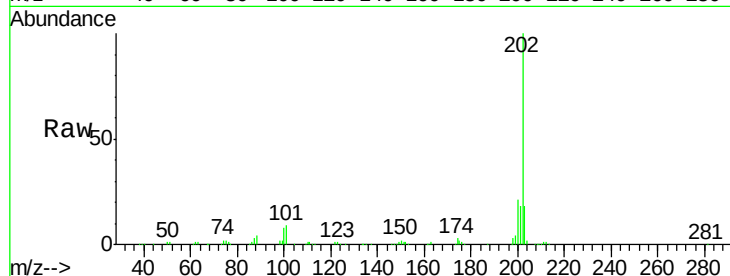




#80  
Pvrene  
Concen: 19.44 ng/ul  
RT: 19.82 min Scan# 2890  
Delta R.T. -0.01 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

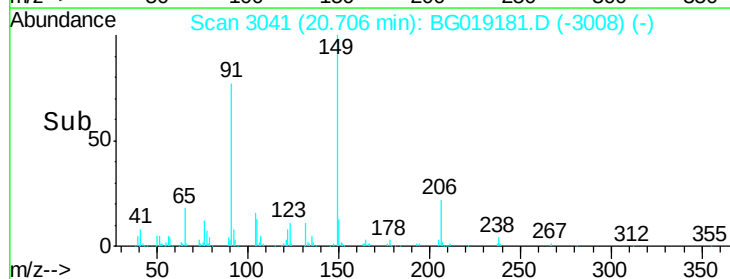
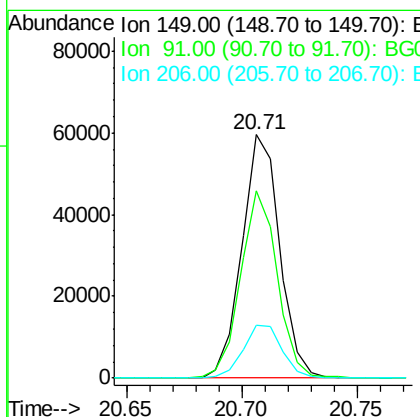
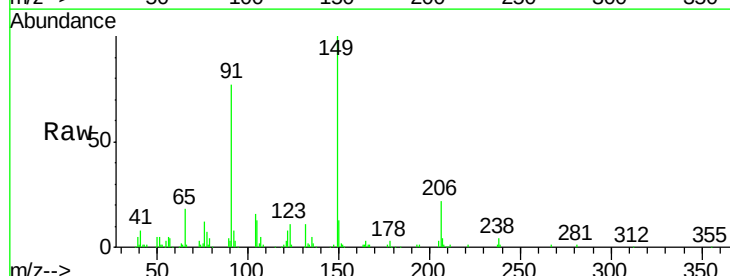
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP01

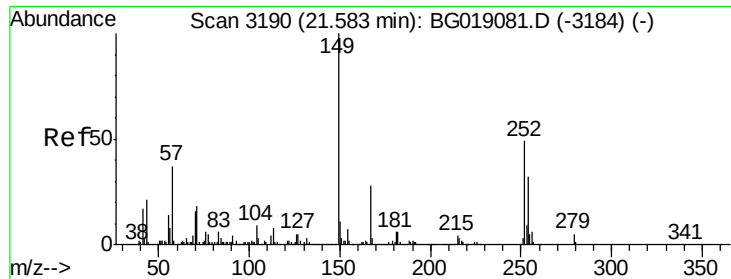
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.4   | 10.2  | 15.2# |
| 100     | 8.1   | 8.5   | 12.7# |



#81  
Butylbenzylphthalate  
Concen: 19.40 ng/ul  
RT: 20.71 min Scan# 3041  
Delta R.T. -0.01 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.8  | 59.1  | 88.7  |
| 206     | 21.9  | 17.9  | 26.9  |

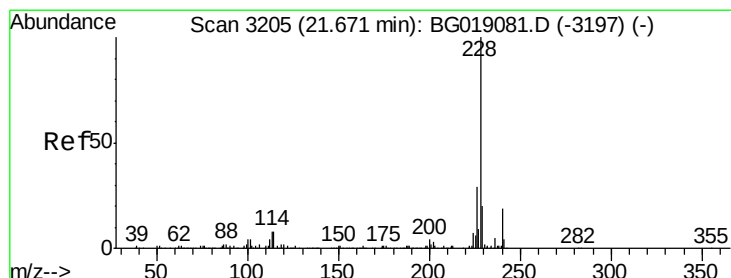
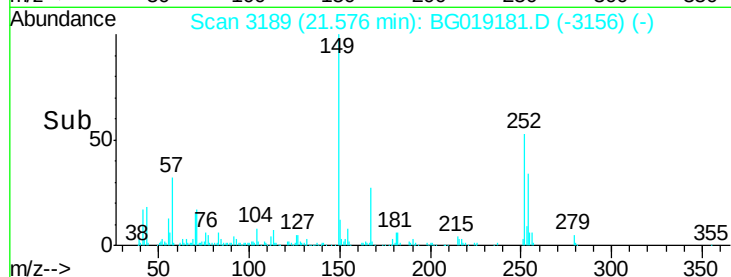
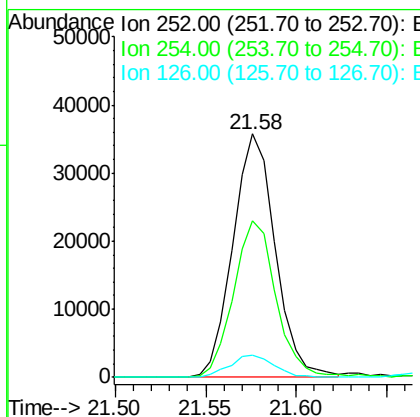
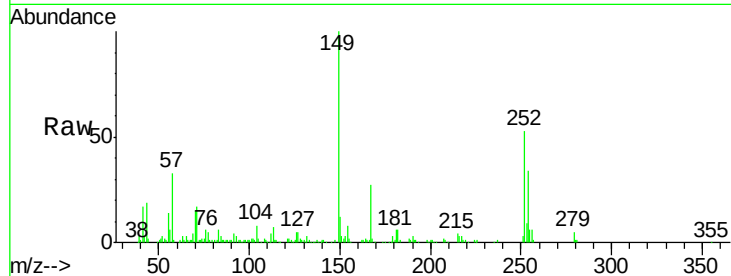




#82  
 3,3'-Dichlorobenzidine  
 Concen: 20.38 ng/ul  
 RT: 21.58 min Scan# 3189  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

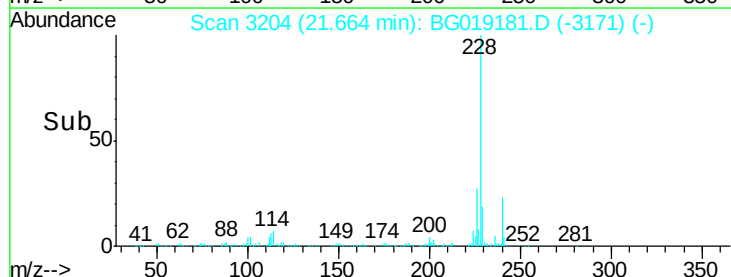
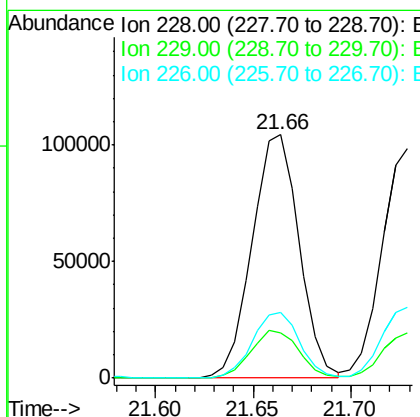
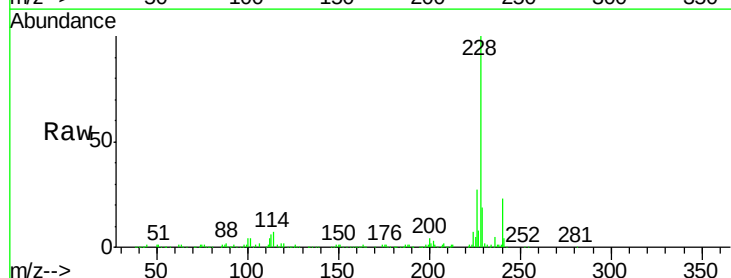
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

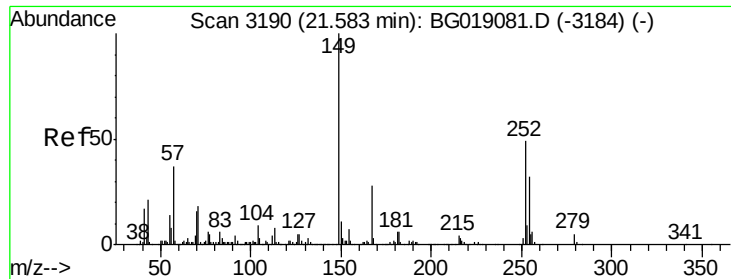
Tot Ion:252 Resp: 58070  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 51.4 77.0  
 126 9.1 7.9 11.9



#83  
 Benzo(a)anthracene  
 Concen: 19.60 ng/ul  
 RT: 21.66 min Scan# 3204  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

Tgt Ion:228 Resp: 174177  
 Ion Ratio Lower Upper  
 228 100  
 229 18.6 16.6 24.8  
 226 26.8 22.8 34.2

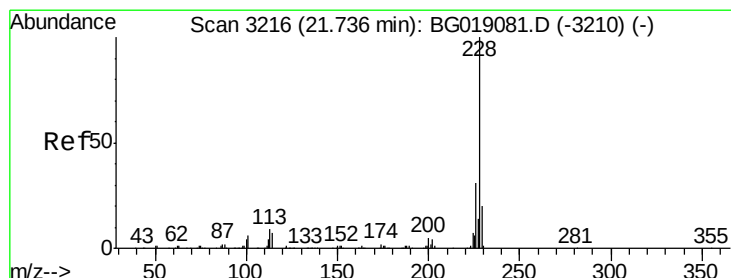
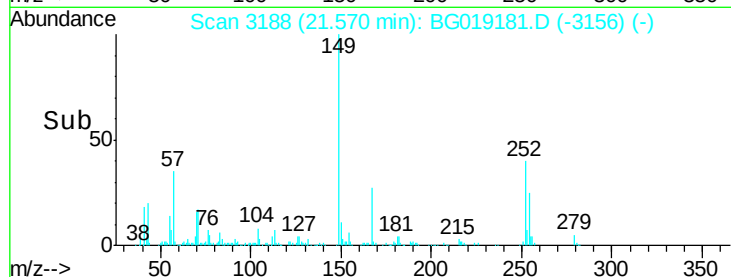
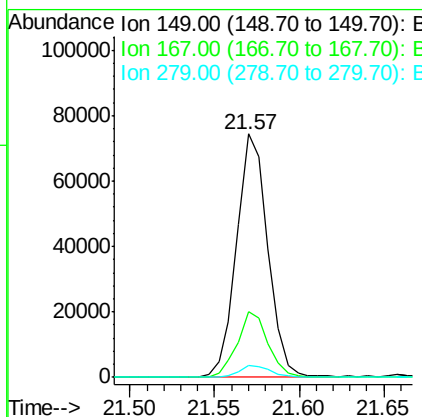
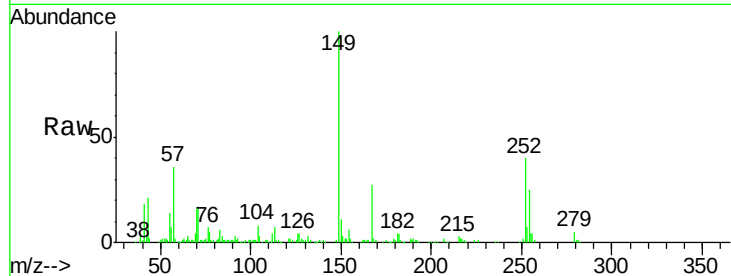




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 18.81 ng/ul  
 RT: 21.57 min Scan# 3188  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

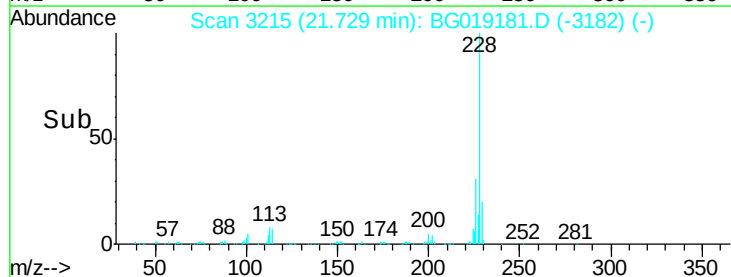
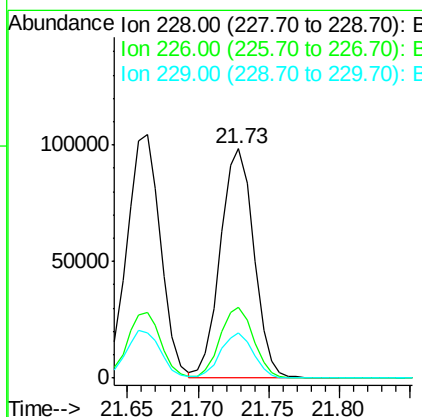
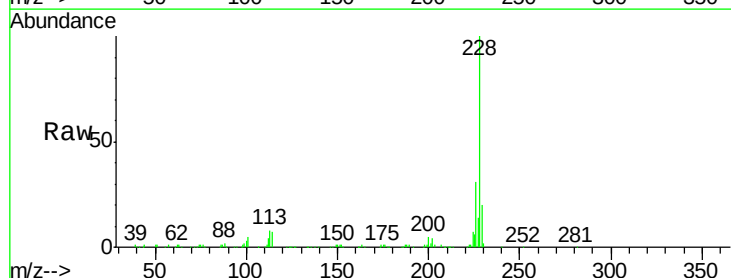
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP01

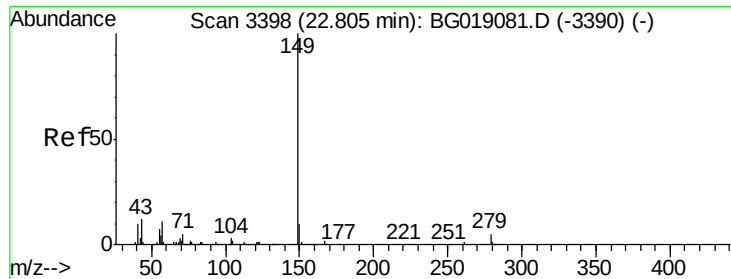
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.1  | 22.8  | 34.2  |
| 279     | 4.7   | 3.3   | 4.9   |



#85  
 Chrysene  
 Concen: 19.35 ng/ul  
 RT: 21.73 min Scan# 3215  
 Delta R.T. -0.01 min  
 Lab File: BG019181.D  
 Acq: 13 Oct 2015 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.7  | 24.2  | 36.2  |
| 229     | 19.8  | 15.6  | 23.4  |

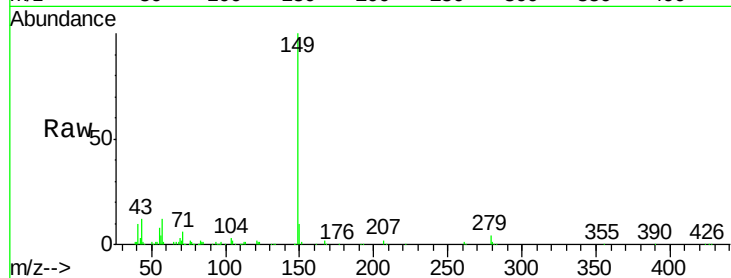




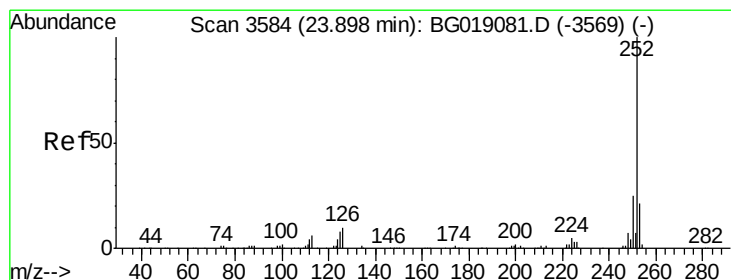
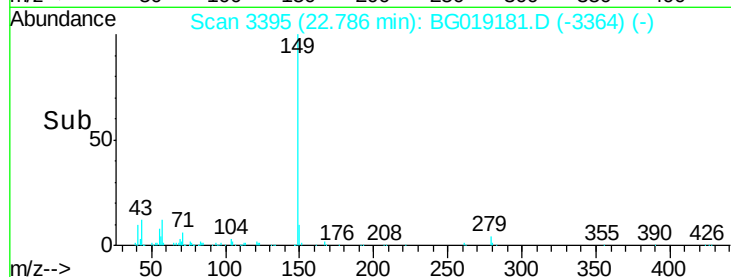
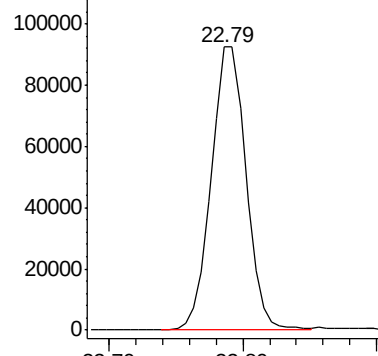
#87  
Di-n-octyl phthalate  
Concen: 19.91 ng/ul  
RT: 22.79 min Scan# 3395  
Delta R.T. -0.02 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP01

Tgt Ion:149 Resp: 166825

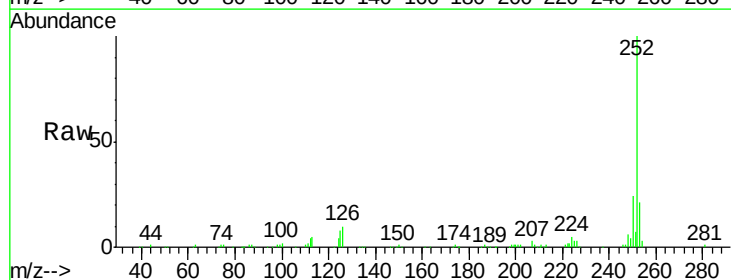


Abundance Ion 149.00 (148.70 to 149.70): E



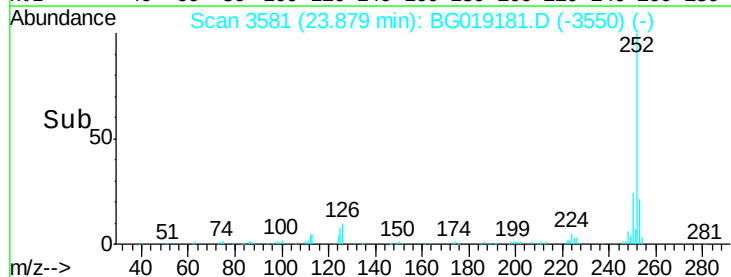
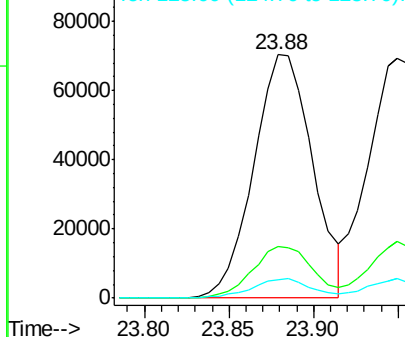
#88  
Benzo(b)fluoranthene  
Concen: 19.56 ng/ul  
RT: 23.88 min Scan# 3581  
Delta R.T. -0.02 min  
Lab File: BG019181.D  
Acq: 13 Oct 2015 16:04

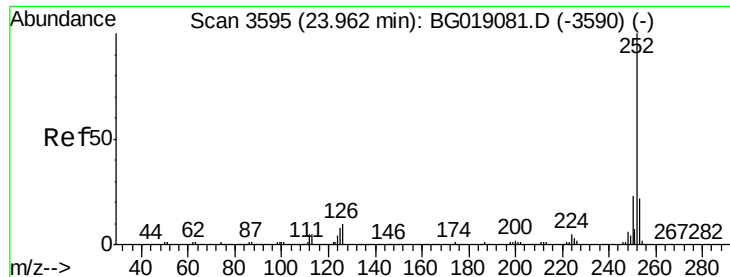
Tgt Ion:252 Resp: 170080  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.4 26.2  
125 7.5 8.1 12.1#



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: 20.12 ng/ul

RT: 23.95 min Scan# 3593

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

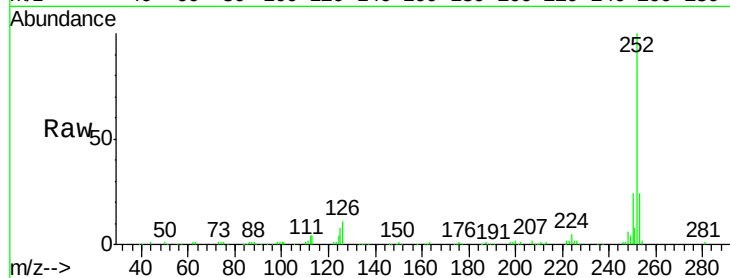
Tot Ion:252 Resp: 170371

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

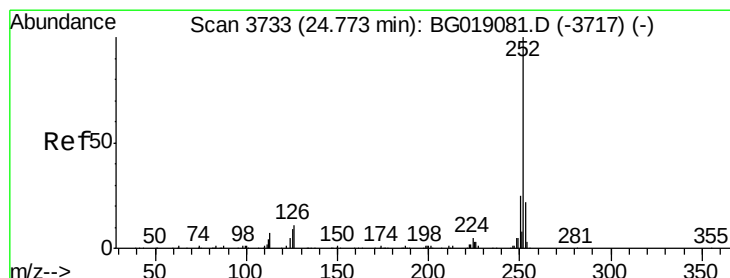
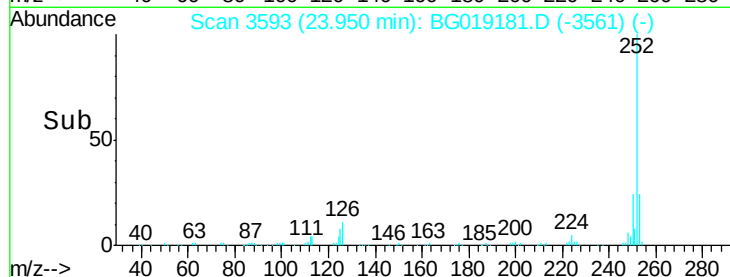
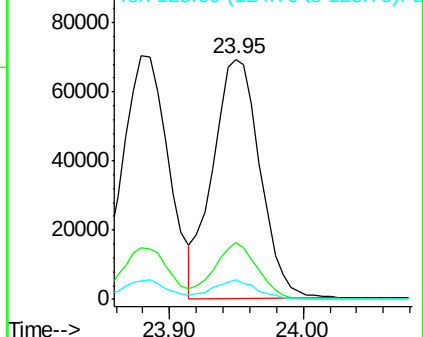
125 8.0 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 19.68 ng/ul

RT: 24.76 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

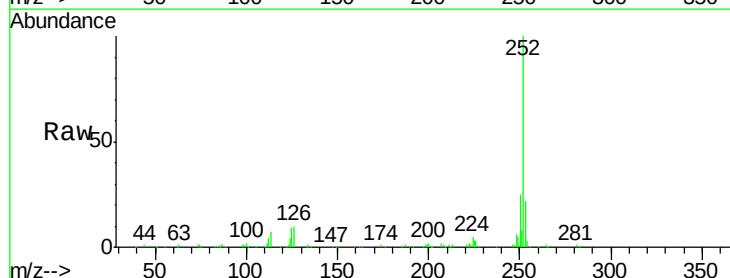
Tgt Ion:252 Resp: 165755

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

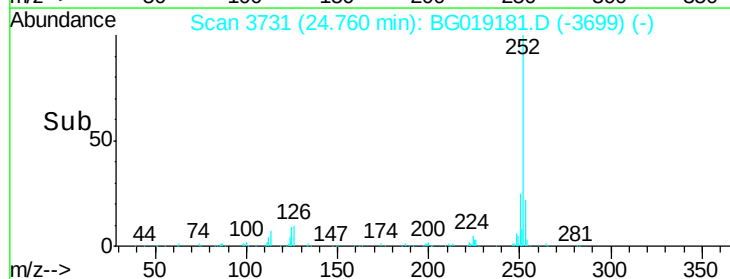
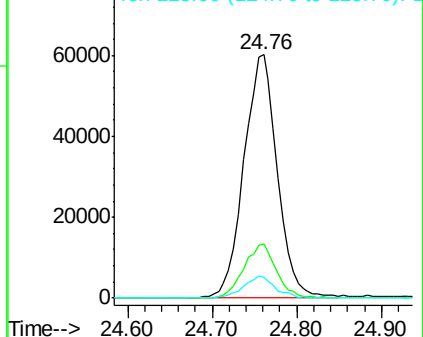
125 8.6 9.4 14.2#

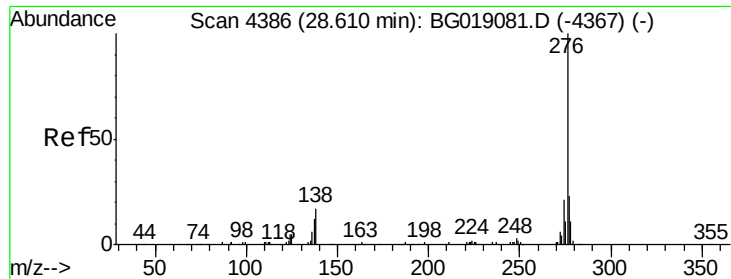


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 18.00 ng/ul

RT: 28.58 min Scan# 4381

Delta R.T. -0.03 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

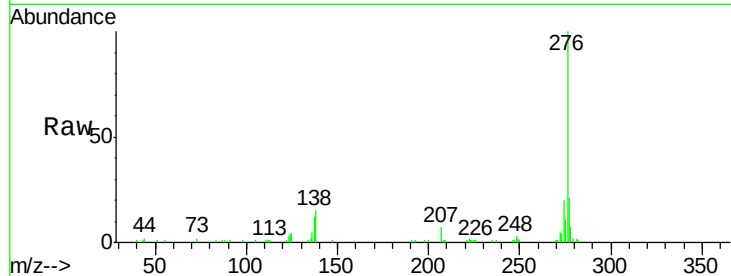
Tot Ion:276 Resp: 173706

Ion Ratio Lower Upper

276 100

138 14.6 14.9 22.3#

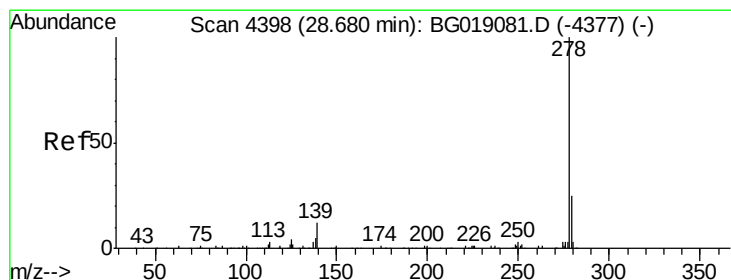
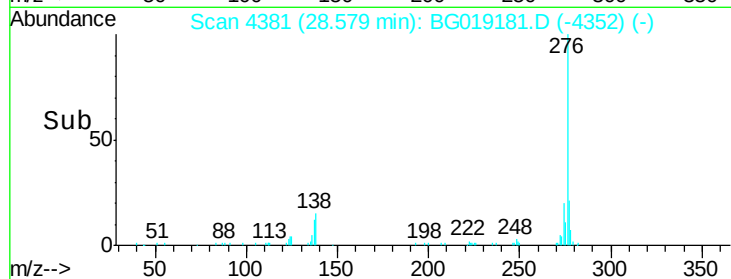
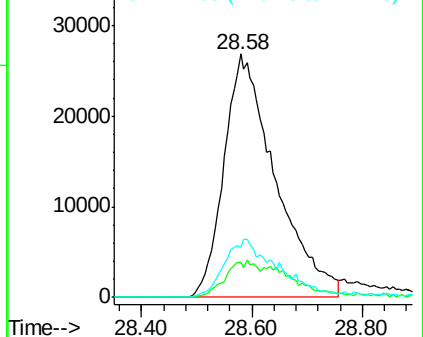
277 20.8 18.0 27.0



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



#93

Dibenzo(a,h)anthracene

Concen: 16.33 ng/ul

RT: 28.64 min Scan# 4392

Delta R.T. -0.04 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

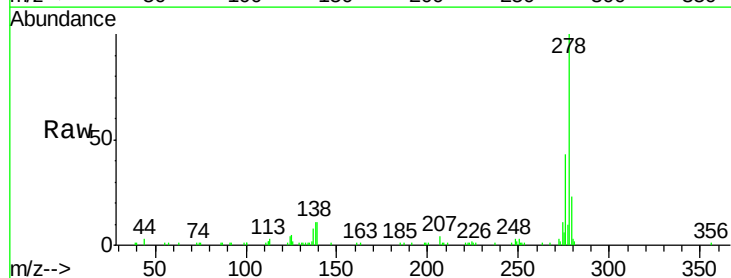
Tgt Ion:278 Resp: 136240

Ion Ratio Lower Upper

278 100

139 11.2 11.2 16.8

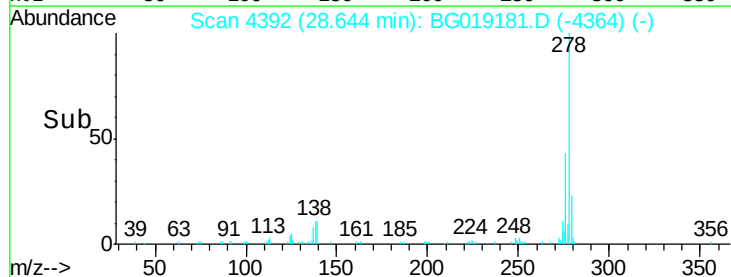
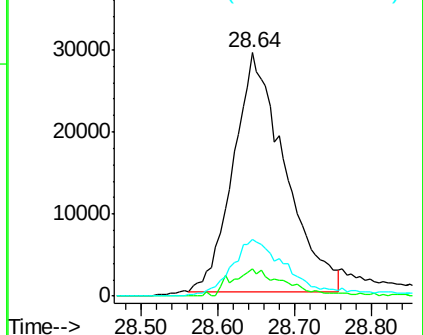
279 23.4 17.6 26.4

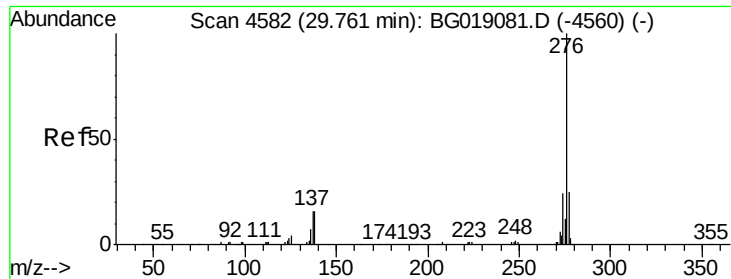


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 16.72 ng/ul

RT: 29.74 min Scan# 4578

Delta R.T. -0.02 min

Lab File: BG019181.D

Acq: 13 Oct 2015 16:04

Instrument :

BNA\_G

ClientSampleId :

DFTPP01

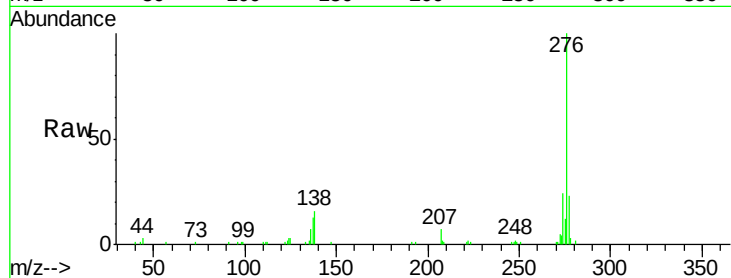
Tot Ion:276 Resp: 134368

Ion Ratio Lower Upper

276 100

138 15.6 16.3 24.5#

277 22.9 18.7 28.1



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

