

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG081719\  
 Data File : BG042281.D  
 Acq On : 17 Aug 2019 9:03  
 Operator : HP/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP

Quant Time: Aug 19 05:54:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 08:57:26 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 54197    | 20.00 | ng    | -0.04    |
| 21) Naphthalene-d8        | 10.83 | 136  | 228724   | 20.00 | ng    | -0.04    |
| 39) Acenaphthene-d10      | 14.67 | 164  | 171130   | 20.00 | ng    | -0.04    |
| 64) Phenanthrene-d10      | 17.42 | 188  | 397125   | 20.00 | ng    | -0.04    |
| 76) Chrysene-d12          | 21.70 | 240  | 409568   | 20.00 | ng    | -0.04    |
| 87) Perylene-d12          | 24.94 | 264  | 493696   | 20.00 | ng    | -0.07    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 232035  | 83.30 | ng | -0.03 |
| 7) Phenol-d6             | 7.17  | 99  | 308489  | 82.14 | ng | -0.03 |
| 23) Nitrobenzene-d5      | 9.17  | 82  | 272093  | 81.86 | ng | -0.04 |
| 42) 2,4,6-Tribromophenol | 16.16 | 330 | 192236  | 98.90 | ng | -0.03 |
| 45) 2-Fluorobiphenyl     | 13.29 | 172 | 842935  | 86.88 | ng | -0.04 |
| 79) Terphenyl-d14        | 20.03 | 244 | 1520431 | 84.95 | ng | -0.03 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88  | 48542  | 37.024 | ng | # 78   |
| 3) Pyridine                    | 3.83  | 79  | 125949 | 35.031 | ng | # 76   |
| 4) n-Nitrosodimethylamine      | 3.75  | 42  | 41189  | 28.899 | ng | # 63   |
| 6) Aniline                     | 7.32  | 93  | 193033 | 36.504 | ng | 91     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 139545 | 43.748 | ng | 86     |
| 9) Benzaldehyde                | 7.14  | 77  | 83290  | 31.520 | ng | 86     |
| 10) Phenol                     | 7.19  | 94  | 158884 | 40.667 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 124256 | 38.686 | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 8.05  | 146 | 173655 | 41.713 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146 | 173655 | 41.687 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.37  | 146 | 165805 | 41.713 | ng | 92     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 103203 | 34.931 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 163847 | 28.673 | ng | 89     |
| 17) 2-Methylphenol             | 8.45  | 107 | 112654 | 39.648 | ng | 97     |
| 18) Hexachloroethane           | 9.10  | 117 | 58686  | 41.140 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 98063  | 35.967 | ng | # 80   |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 159764 | 41.089 | ng | 97     |
| 22) Acetophenone               | 8.83  | 105 | 201971 | 39.478 | ng | # 87   |
| 24) Nitrobenzene               | 9.22  | 77  | 137606 | 39.299 | ng | 89     |
| 25) Isophorone                 | 9.74  | 82  | 271620 | 37.567 | ng | 96     |
| 26) 2-Nitrophenol              | 9.94  | 139 | 87525  | 53.858 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 115307 | 40.202 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 173428 | 38.384 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 158767 | 45.455 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 186786 | 42.171 | ng | 98     |
| 31) Naphthalene                | 10.88 | 128 | 447148 | 42.716 | ng | 96     |
| 32) Benzoic acid               | 10.13 | 122 | 65472  | 34.871 | ng | 95     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 201183 | 40.526 | ng | # 92   |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 123368 | 41.269 | ng | 98     |
| 35) Caprolactam                | 11.76 | 113 | 53969  | 44.461 | ng | # 51   |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 152145 | 43.936 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 359638 | 43.404 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.71 | 142 | 344838 | 43.916 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 220820 | 40.764 | ng | # 97   |

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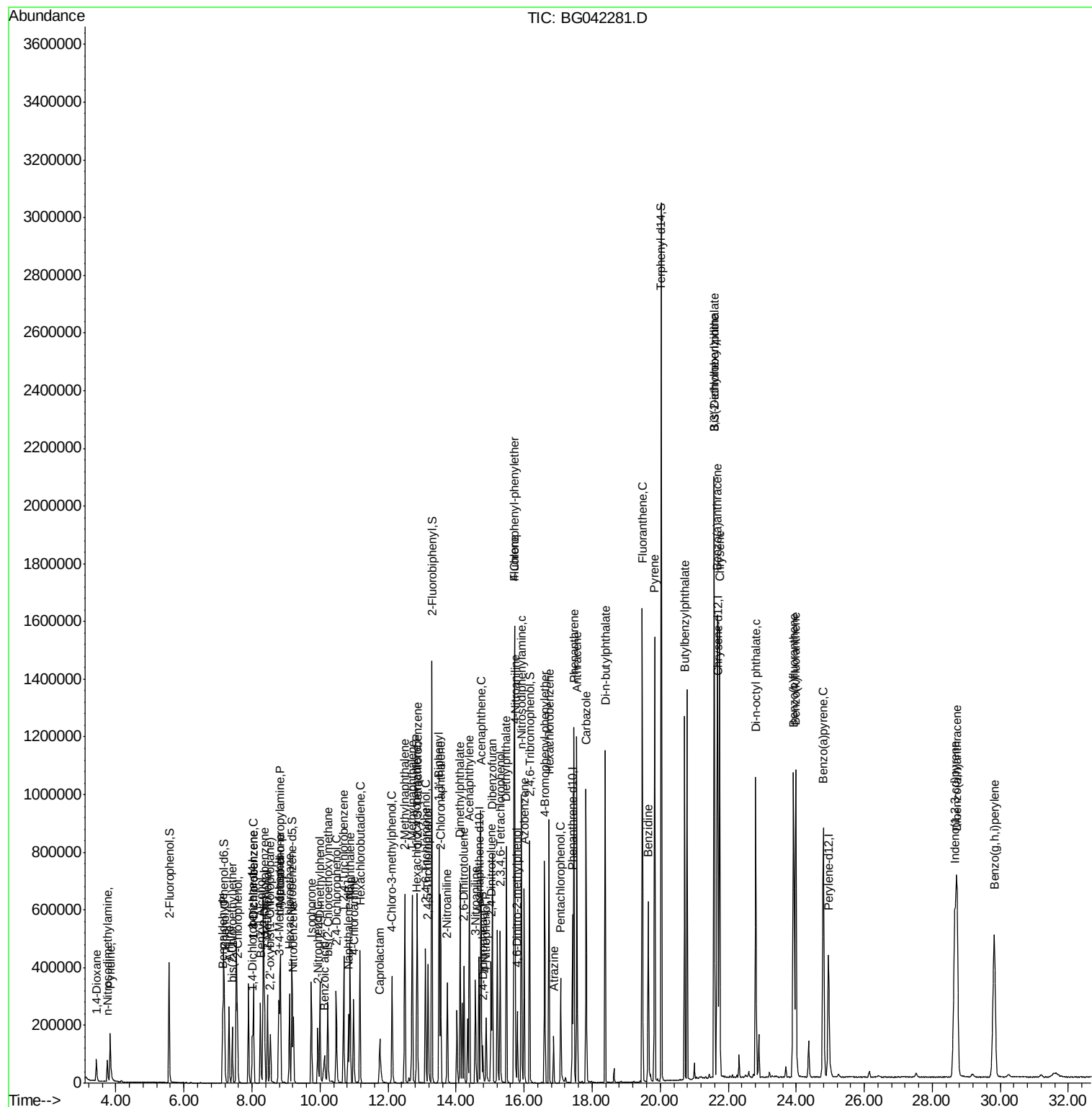
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.84 | 237  | 103505   | 33.985 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 139586   | 40.770 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 151148   | 42.482 | ng #  | 92       |
| 46) 1,1'-Biphenyl              | 13.50 | 154  | 460668   | 41.876 | ng    | 95       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 388370   | 41.466 | ng    | 95       |
| 48) 2-Nitroaniline             | 13.74 | 65   | 94477    | 39.773 | ng #  | 73       |
| 49) Acenaphthylene             | 14.39 | 152  | 613411   | 43.784 | ng    | 97       |
| 50) Dimethylphthalate          | 14.12 | 163  | 514374   | 44.011 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 122524   | 50.135 | ng #  | 79       |
| 52) Acenaphthene               | 14.73 | 154  | 365332   | 40.094 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 119993   | 45.895 | ng #  | 80       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 52227    | 43.192 | ng #  | 80       |
| 55) Dibenzofuran               | 15.07 | 168  | 611977   | 43.909 | ng    | 92       |
| 56) 4-Nitrophenol              | 14.88 | 139  | 88533    | 44.610 | ng #  | 84       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 175066   | 52.090 | ng #  | 83       |
| 58) Fluorene                   | 15.72 | 166  | 499469   | 44.656 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 140881   | 39.980 | ng #  | 91       |
| 60) Diethylphthalate           | 15.48 | 149  | 501572   | 43.713 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204  | 291744   | 42.727 | ng    | 94       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 128495   | 45.375 | ng    | 92       |
| 63) Azobenzene                 | 16.00 | 77   | 349097   | 37.244 | ng    | 87       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 92143    | 47.491 | ng    | 80       |
| 66) n-Nitrosodiphenylamine     | 15.92 | 169  | 460163   | 42.539 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.61 | 248  | 203377   | 41.575 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.73 | 284  | 217342   | 42.469 | ng #  | 90       |
| 69) Atrazine                   | 16.87 | 200  | 39827    | 9.371  | ng    | 100      |
| 70) Pentachlorophenol          | 17.08 | 266  | 101492   | 34.910 | ng    | 99       |
| 71) Phenanthrene               | 17.47 | 178  | 840133   | 44.135 | ng    | 94       |
| 72) Anthracene                 | 17.55 | 178  | 845466   | 44.534 | ng    | 94       |
| 73) Carbazole                  | 17.82 | 167  | 763856   | 44.829 | ng #  | 93       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 894750   | 46.318 | ng #  | 94       |
| 75) Fluoranthene               | 19.47 | 202  | 1060532  | 45.835 | ng    | 90       |
| 77) Benzidine                  | 19.65 | 184  | 464804   | 34.769 | ng    | 98       |
| 78) Pyrene                     | 19.84 | 202  | 1059719  | 43.670 | ng    | 91       |
| 80) Butylbenzylphthalate       | 20.72 | 149  | 419277   | 45.065 | ng #  | 84       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 1062957  | 43.866 | ng    | 93       |
| 82) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 410337   | 42.177 | ng    | 96       |
| 83) Chrysene                   | 21.75 | 228  | 1026301  | 44.184 | ng    | 92       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 582480   | 45.387 | ng    | 96       |
| 85) Di-n-octyl phthalate       | 22.81 | 149  | 992720   | 45.963 | ng #  | 86       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.66 | 276  | 1334936  | 43.415 | ng #  | 94       |
| 88) Benzo(b)fluoranthene       | 23.92 | 252  | 1149768  | 42.572 | ng #  | 96       |
| 89) Benzo(k)fluoranthene       | 23.99 | 252  | 1084532  | 41.225 | ng #  | 96       |
| 90) Benzo(a)pyrene             | 24.80 | 252  | 1084354  | 41.864 | ng #  | 95       |
| 91) Dibenzo(a,h)anthracene     | 28.73 | 278  | 1078945  | 42.422 | ng #  | 96       |
| 92) Benzo(g,h,i)perylene       | 29.82 | 276  | 1086158  | 42.745 | ng #  | 93       |

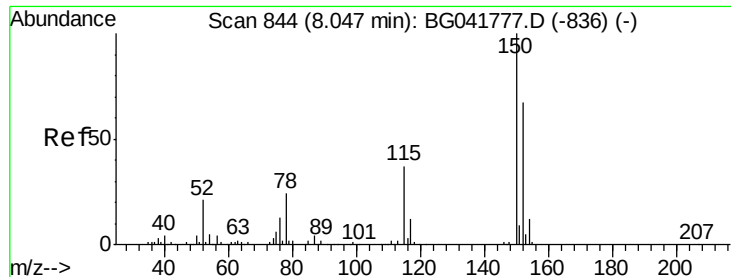
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DFTPP

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

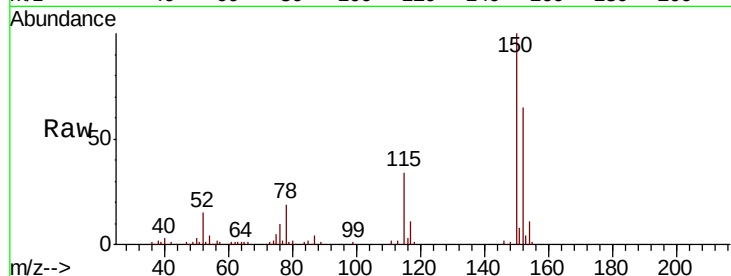
Tgt Ion:152 Resp: 54197

Ion Ratio Lower Upper

152 100

150 153.9 126.9 190.3

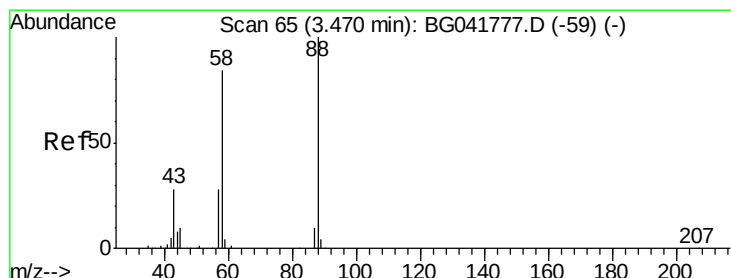
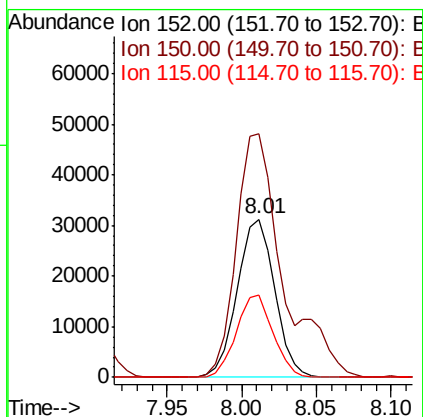
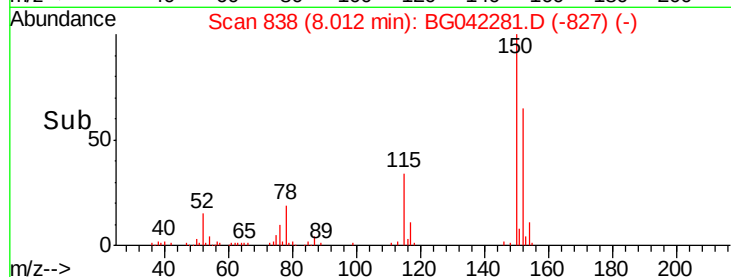
115 52.1 45.0 67.6



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: 37.024 ng

RT: 3.43 min Scan# 58

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

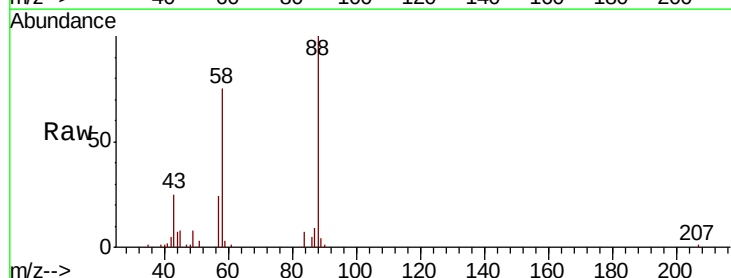
Tgt Ion: 88 Resp: 48542

Ion Ratio Lower Upper

88 100

58 72.0 76.2 114.2#

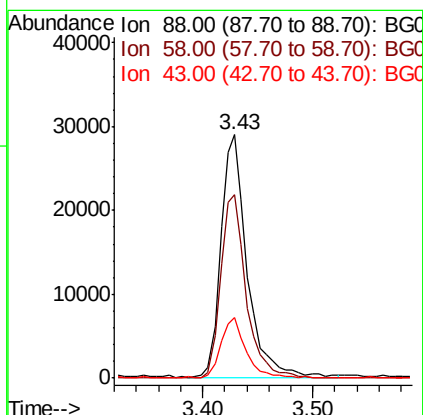
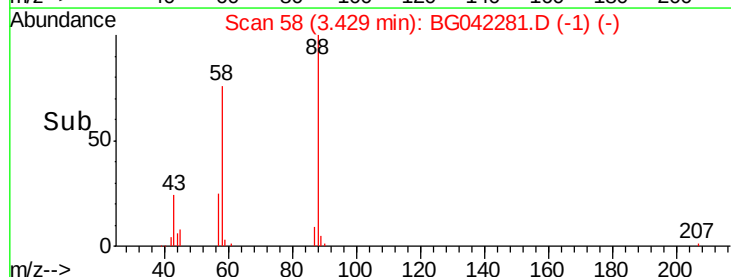
43 23.7 27.2 40.8#

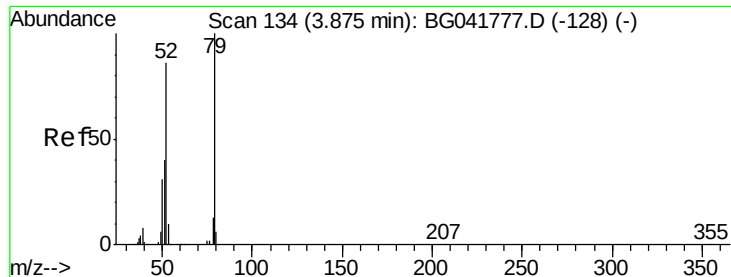


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.031 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

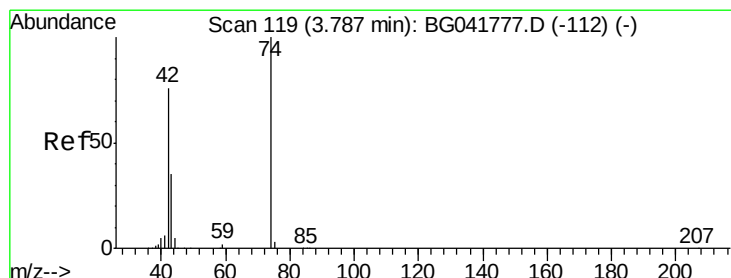
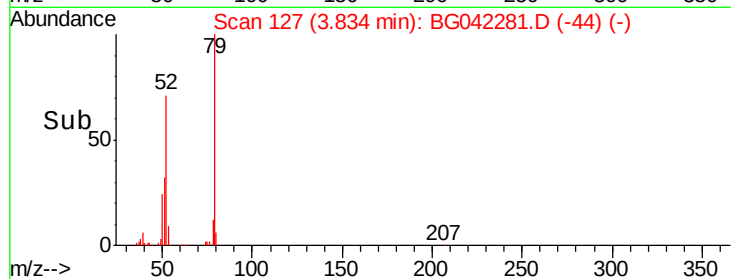
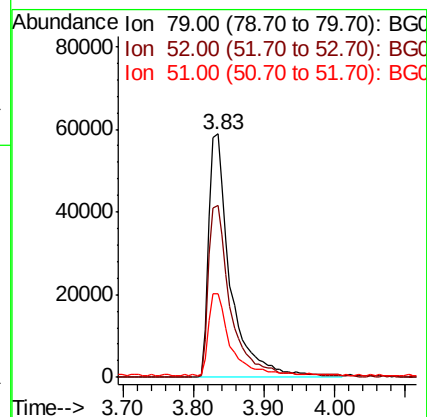
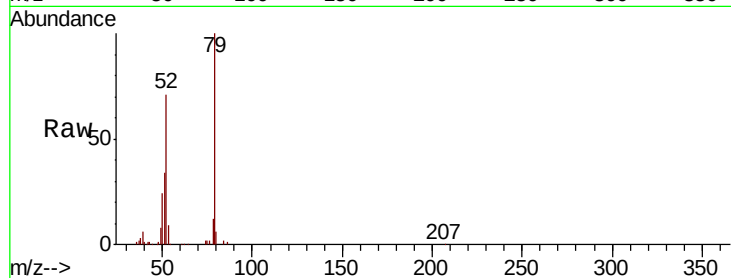
Tgt Ion: 79 Resp: 125949

Ion Ratio Lower Upper

79 100

52 70.8 77.1 115.7#

51 34.1 37.8 56.8#



#4

n-Nitrosodimethylamine

Concen: 28.899 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

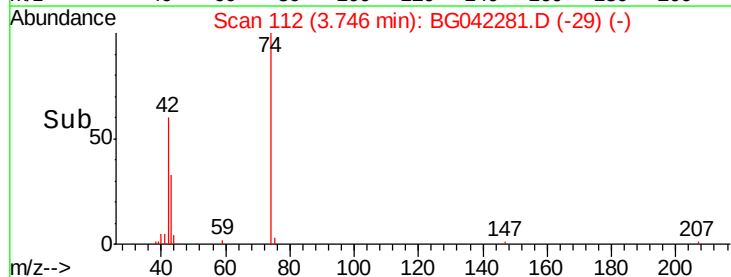
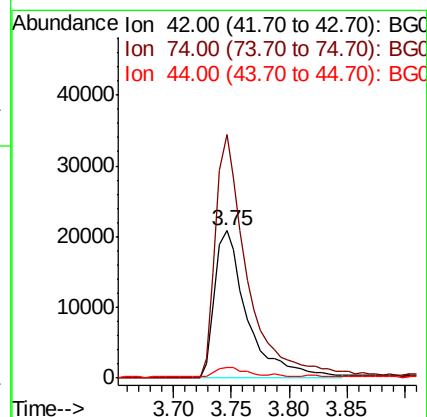
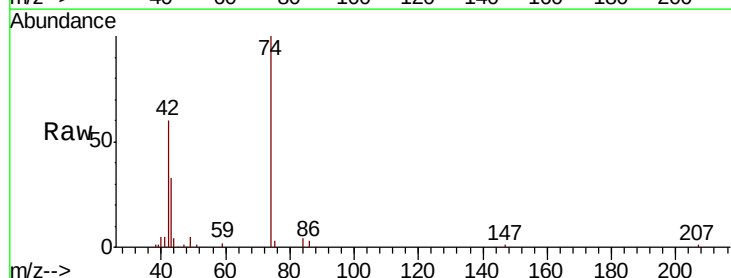
Tgt Ion: 42 Resp: 41189

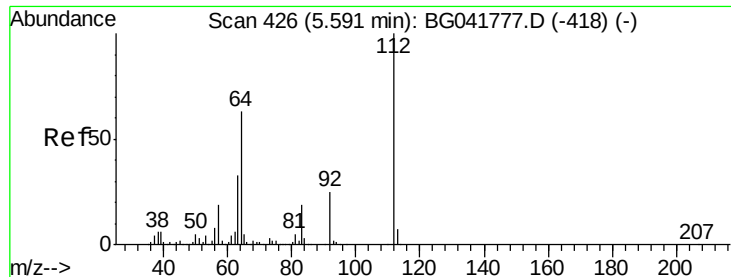
Ion Ratio Lower Upper

42 100

74 165.5 97.4 146.2#

44 6.9 6.6 9.8





#5

2-Fluorophenol

Concen: 83.298 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.03 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

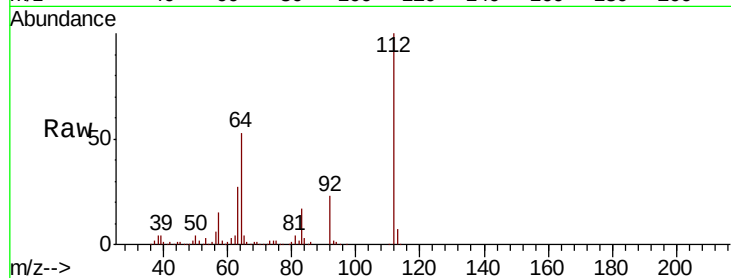
Tgt Ion: 112 Resp: 232035

Ion Ratio Lower Upper

112 100

64 52.7 55.4 83.2#

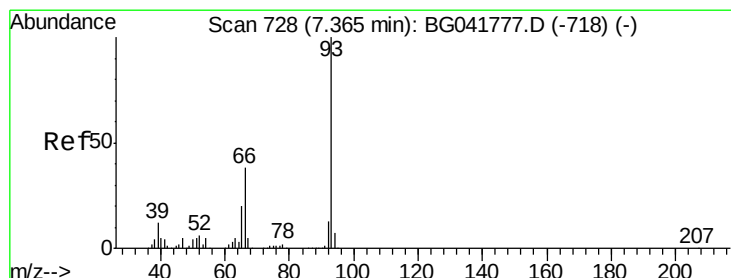
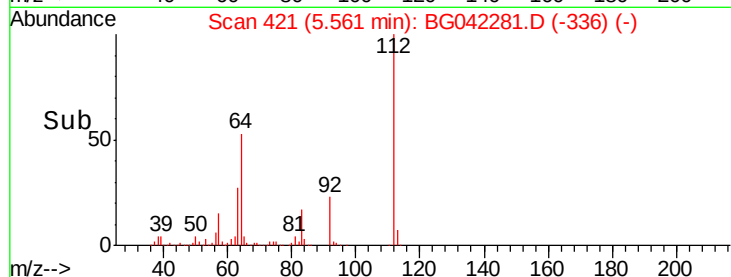
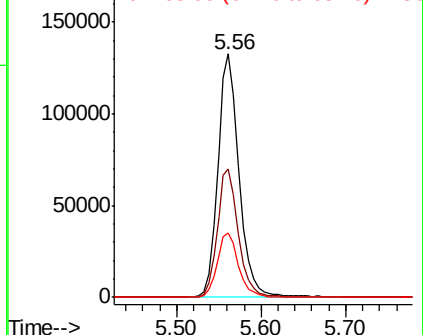
63 26.7 29.1 43.7#



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: 36.504 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

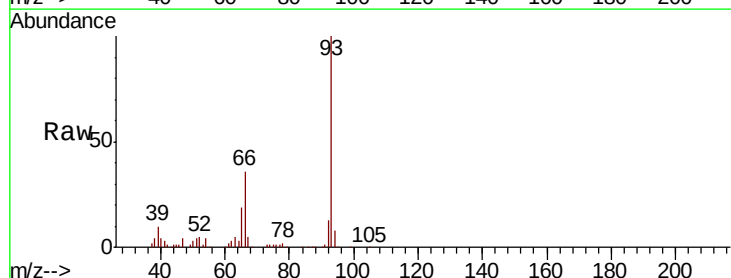
Tgt Ion: 93 Resp: 193033

Ion Ratio Lower Upper

93 100

66 36.1 34.2 51.2

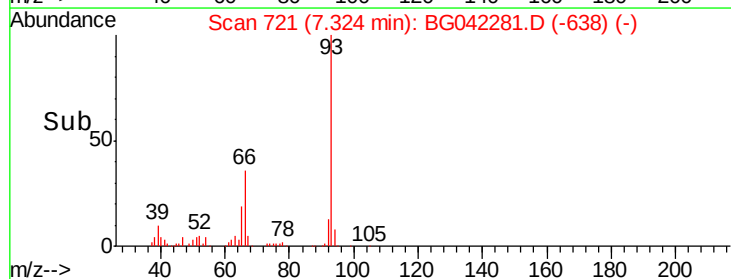
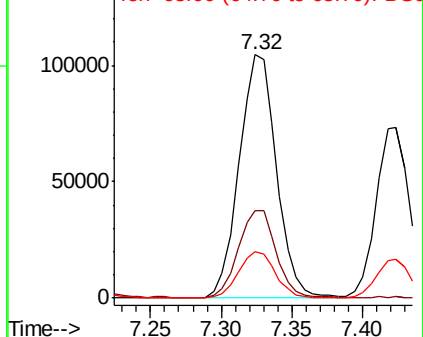
65 19.1 18.2 27.2

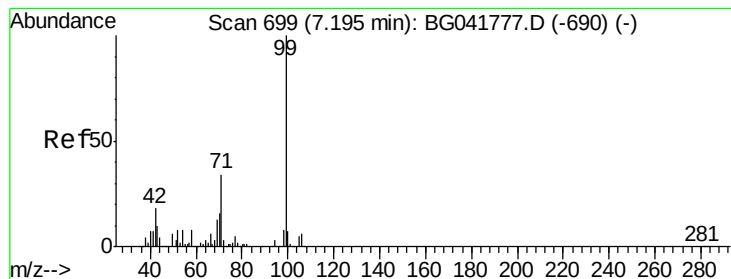


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.145 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

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Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

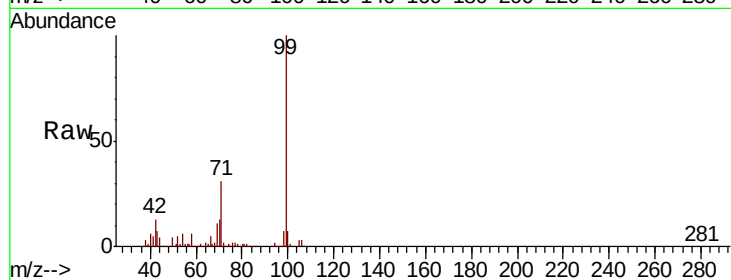
Tgt Ion: 99 Resp: 308489

Ion Ratio Lower Upper

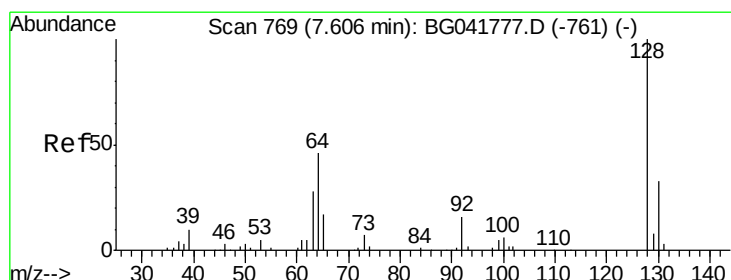
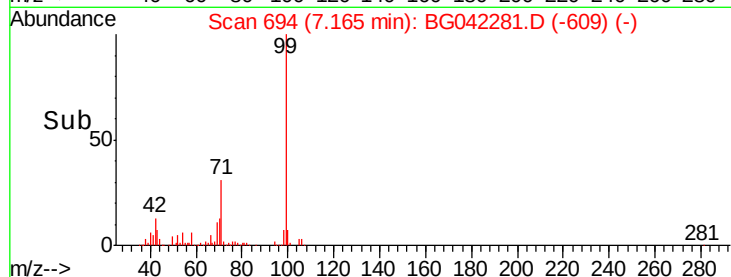
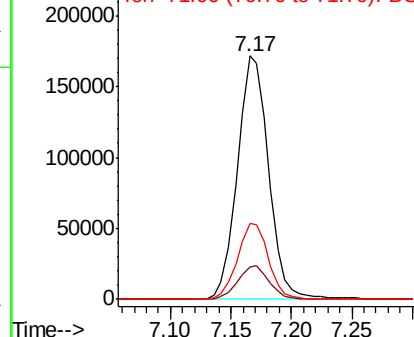
99 100

42 13.5 17.6 26.4#

71 31.1 27.8 41.6



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: 43.748 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

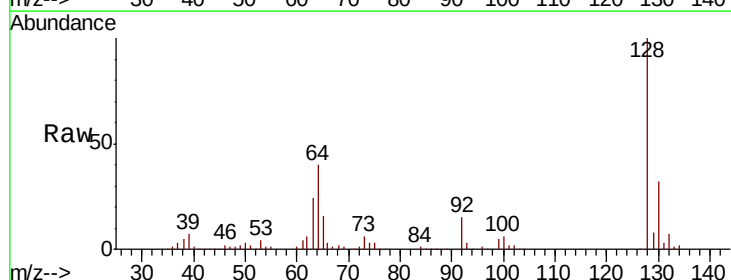
Tgt Ion: 128 Resp: 139545

Ion Ratio Lower Upper

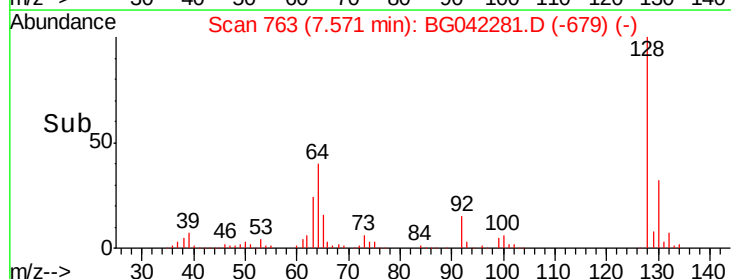
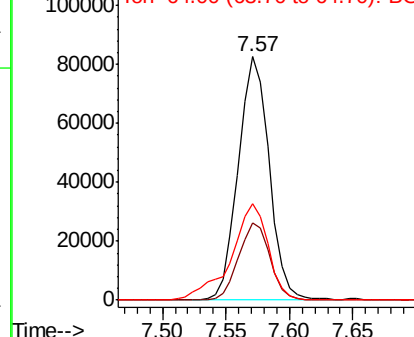
128 100

130 31.6 12.4 52.4

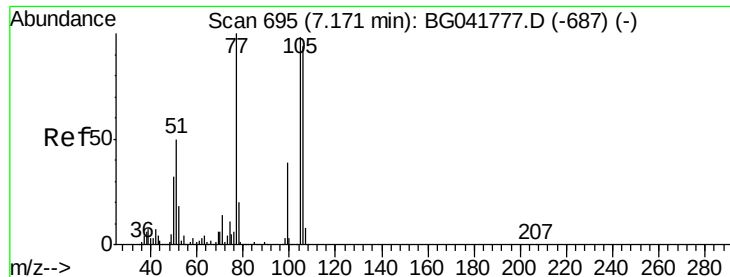
64 39.7 34.9 74.9



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







#9

Benzaldehyde

Concen: 31.520 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

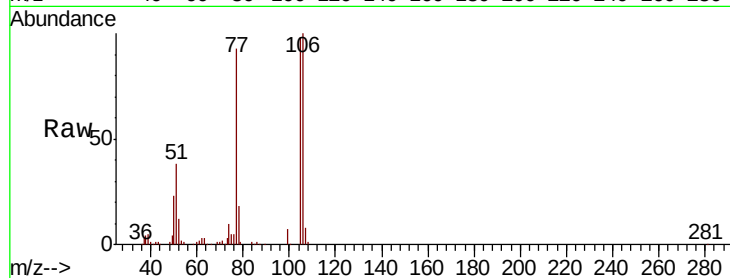
Tgt Ion: 77 Resp: 83290

Ion Ratio Lower Upper

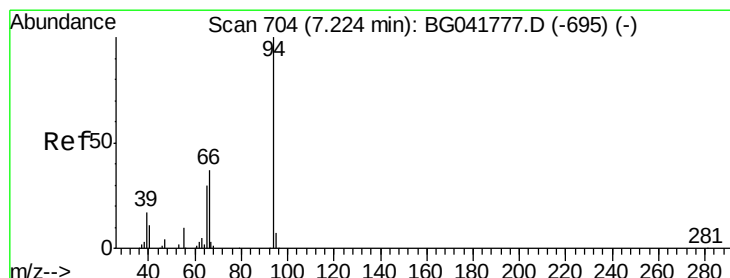
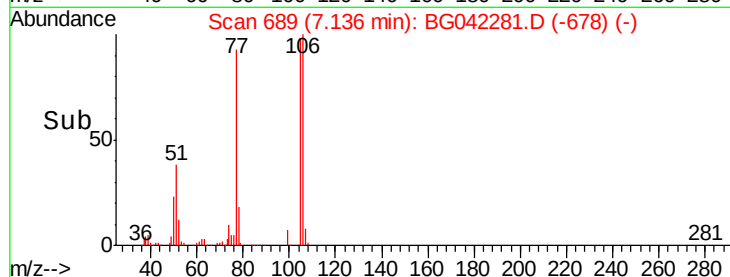
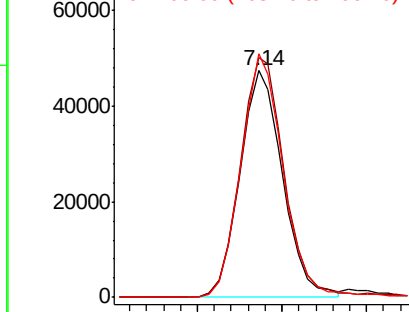
77 100

105 105.6 74.6 114.6

106 107.5 71.1 111.1



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: 40.667 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

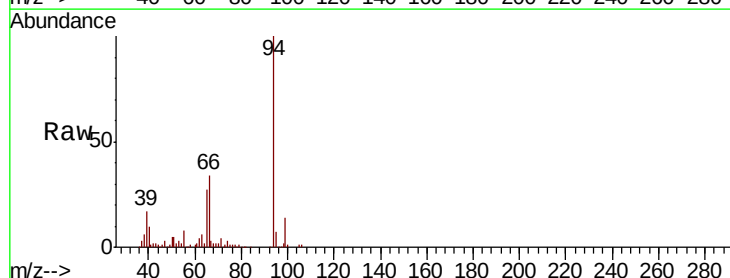
Tgt Ion: 94 Resp: 158884

Ion Ratio Lower Upper

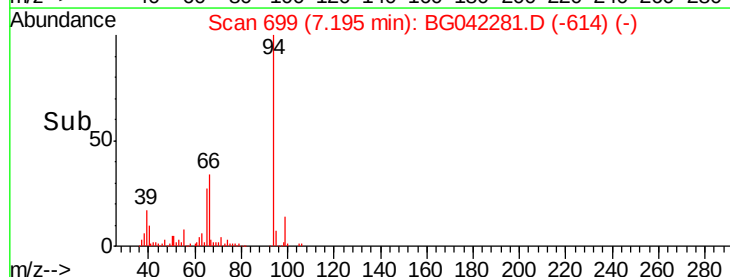
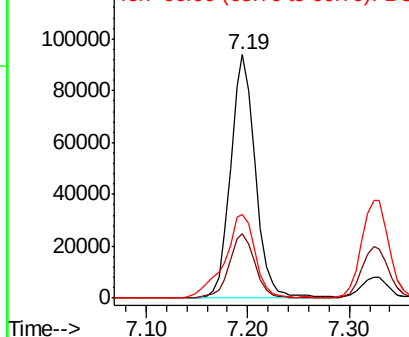
94 100

65 26.6 10.6 50.6

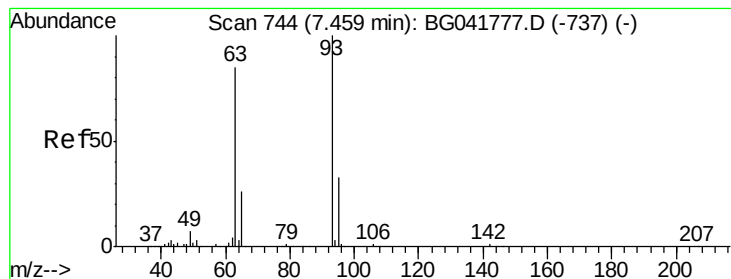
66 34.1 18.2 58.2



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: 38.686 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

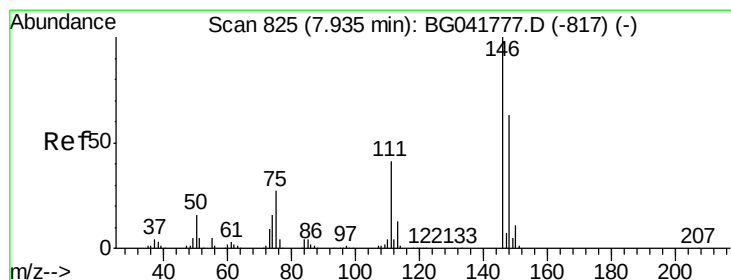
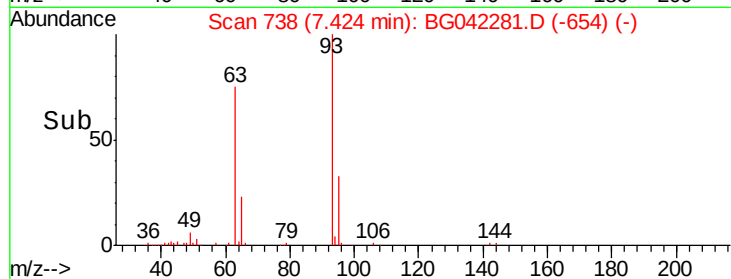
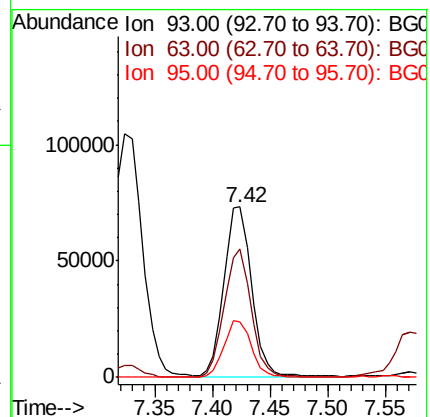
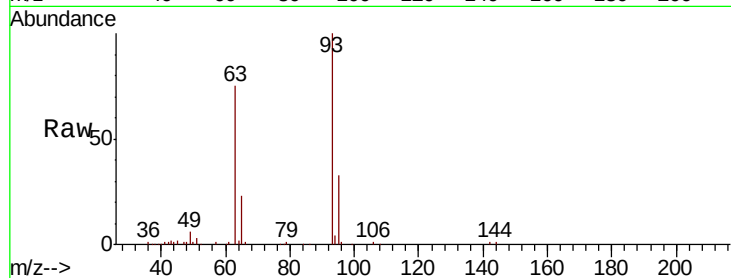
Tgt Ion: 93 Resp: 124256

Ion Ratio Lower Upper

93 100

63 75.0 70.4 110.4

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.713 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.11 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

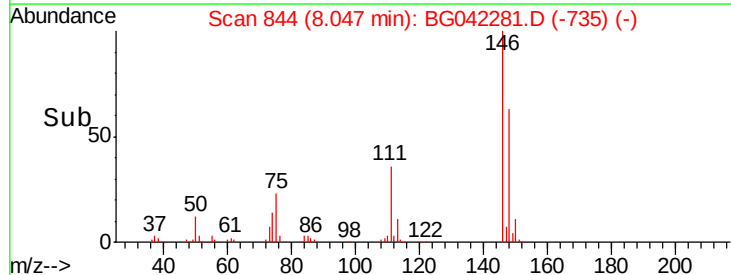
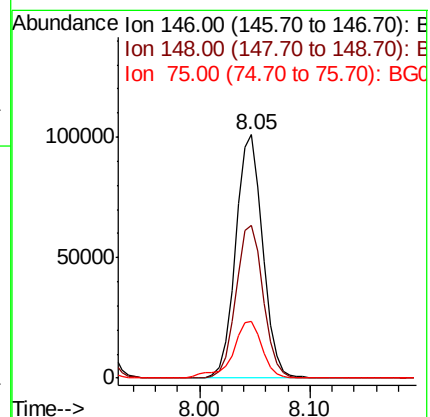
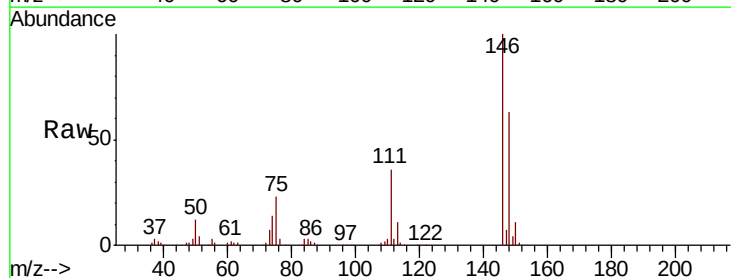
Tgt Ion: 146 Resp: 173655

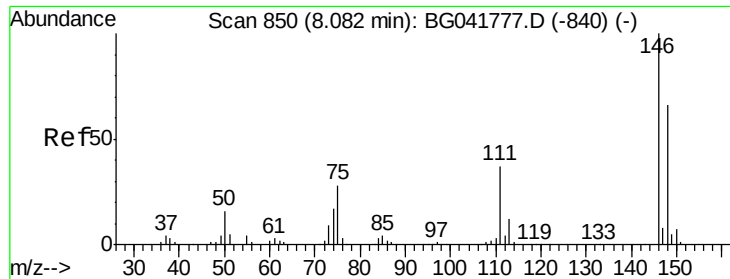
Ion Ratio Lower Upper

146 100

148 62.6 51.5 77.3

75 23.2 23.2 34.8

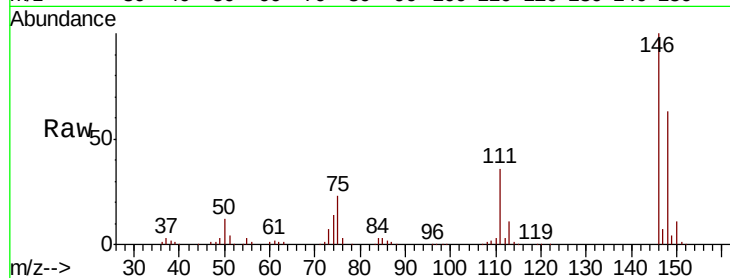




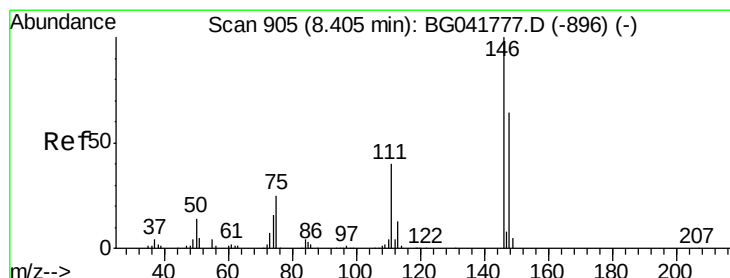
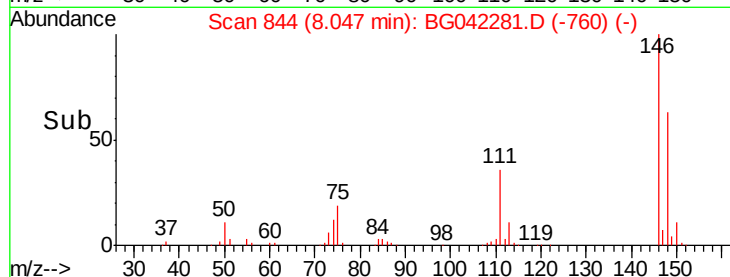
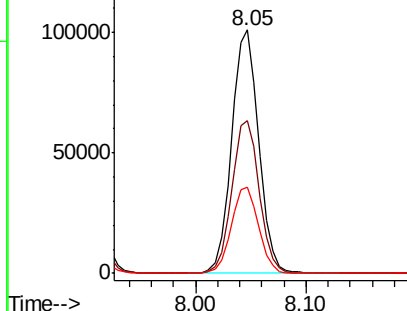
#13  
 1,4-Dichlorobenzene  
 Concen: 41.687 ng  
 RT: 8.05 min Scan# 844  
 Delta R.T. -0.04 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

Instrument :  
 BNA\_G  
 ClientSampled :  
 DFTPP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.6  | 52.6  | 79.0  |
| 111     | 35.6  | 32.5  | 48.7  |

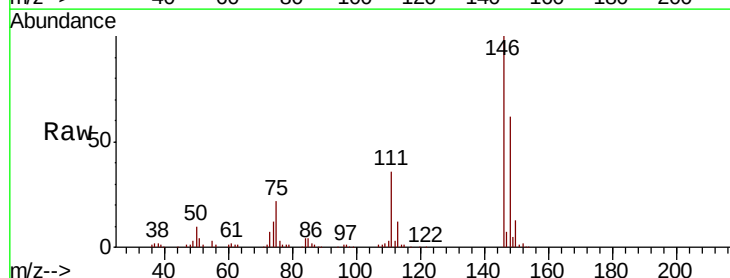


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

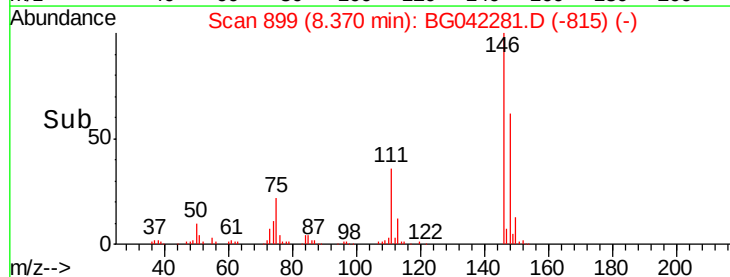
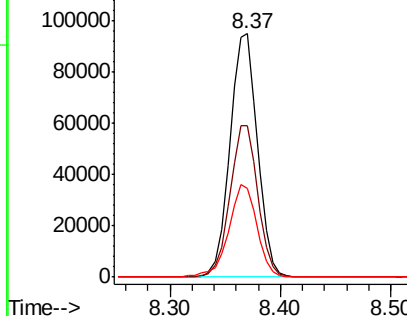


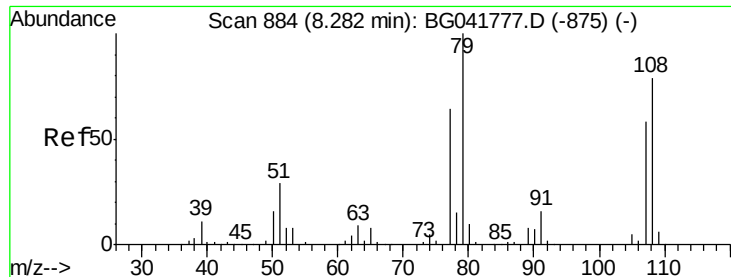
#14  
 1,2-Dichlorobenzene  
 Concen: 41.713 ng  
 RT: 8.37 min Scan# 899  
 Delta R.T. -0.04 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.1  | 53.5  | 80.3  |
| 111     | 36.5  | 35.4  | 53.0  |



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: 34.931 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

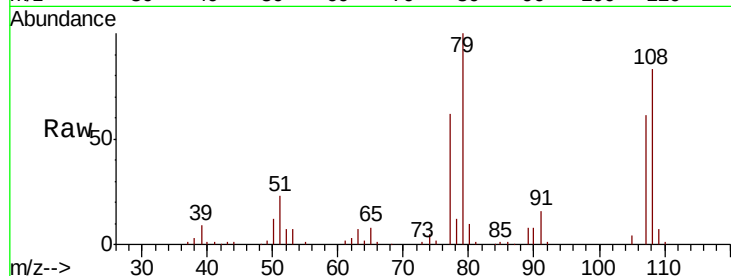
Tgt Ion: 79 Resp: 103203

Ion Ratio Lower Upper

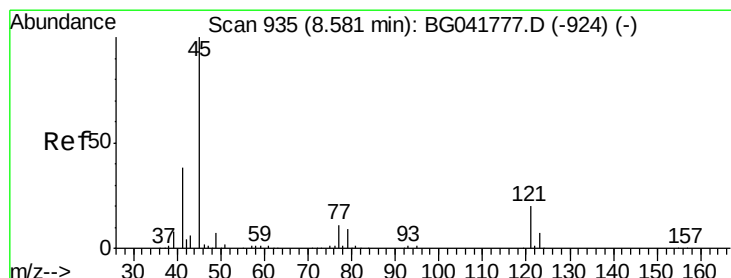
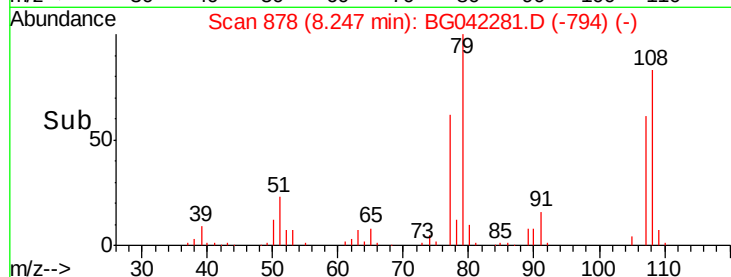
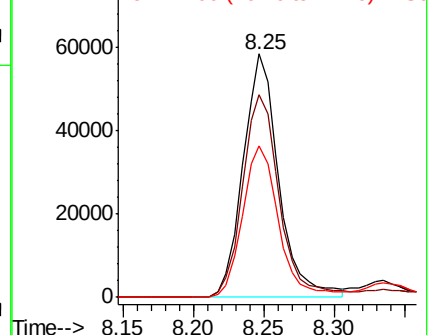
79 100

108 83.4 60.5 90.7

77 62.3 50.6 75.8



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: 28.673 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

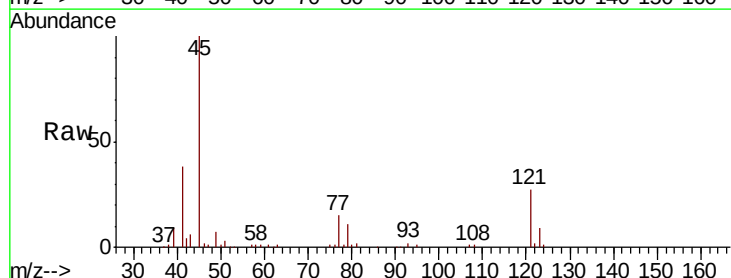
Tgt Ion: 45 Resp: 163847

Ion Ratio Lower Upper

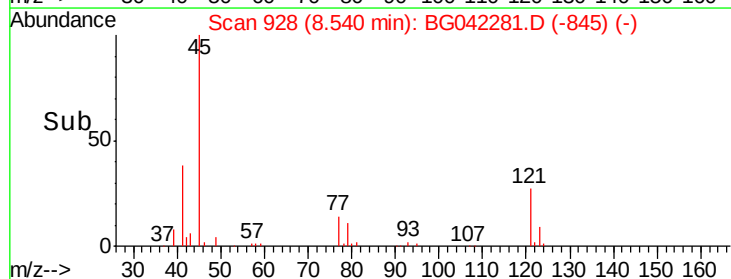
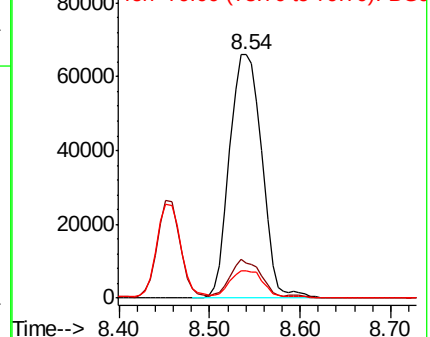
45 100

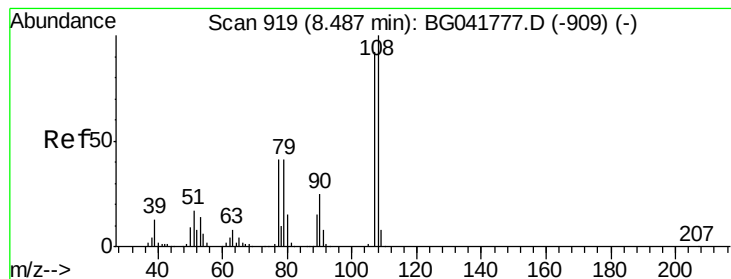
77 14.6 0.0 30.4

79 11.4 0.0 27.9



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

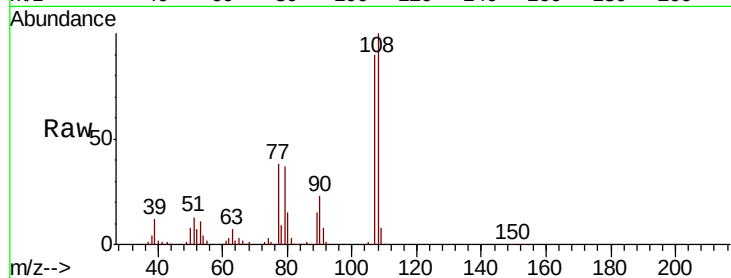




#17  
2-Methylphenol  
Concen: 39.648 ng  
RT: 8.45 min Scan# 913  
Delta R.T. -0.04 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.1 | 87.6  | 131.4 |
| 77      | 42.5  | 36.1  | 54.1  |
| 79      | 40.9  | 36.4  | 54.6  |



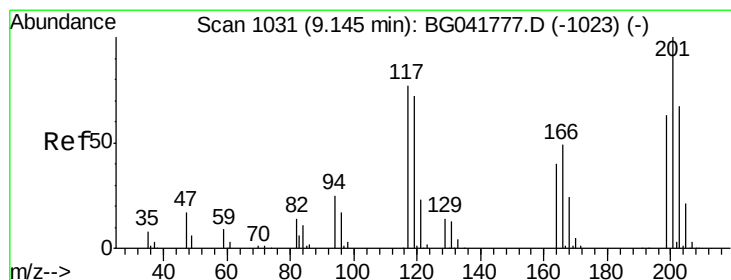
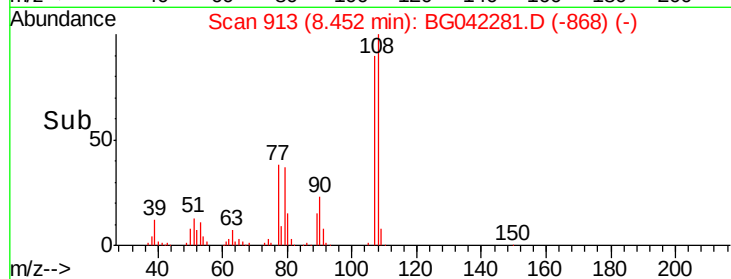
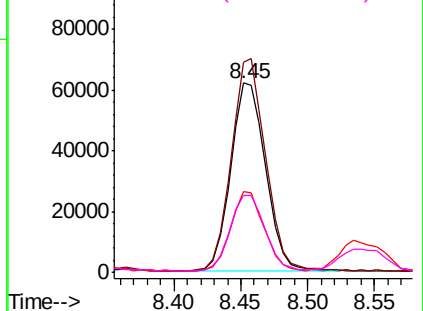
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

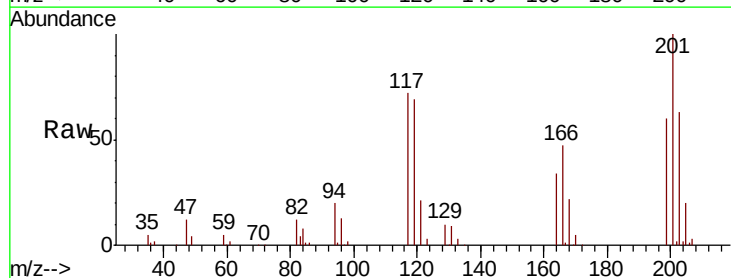
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 41.140 ng  
RT: 9.10 min Scan# 1024  
Delta R.T. -0.04 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.7  | 76.2  | 114.2 |
| 201     | 139.0 | 94.1  | 141.1 |

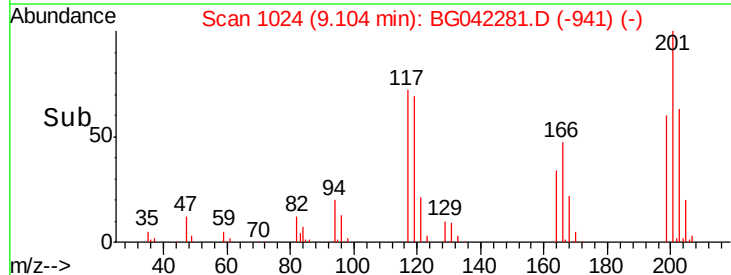
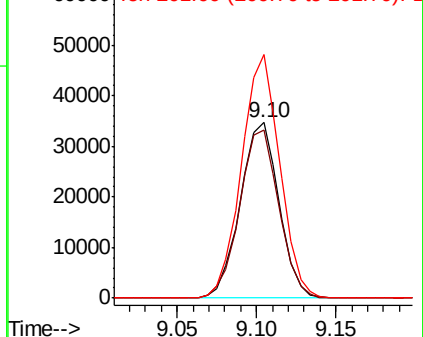


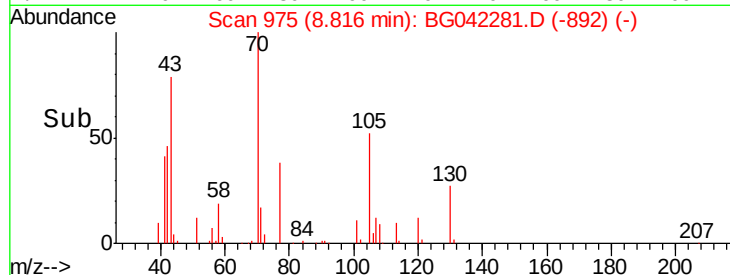
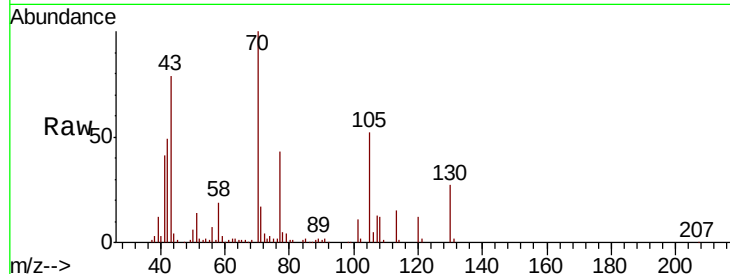
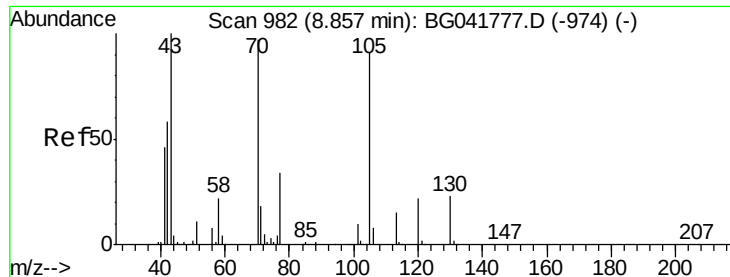
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

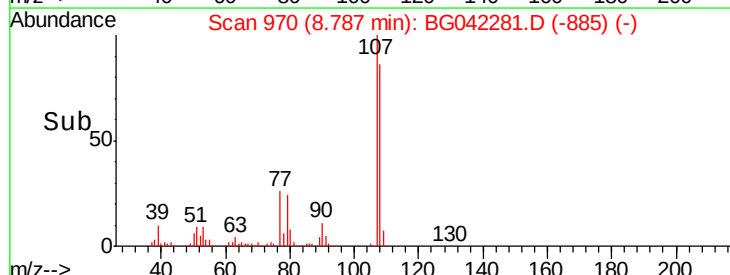
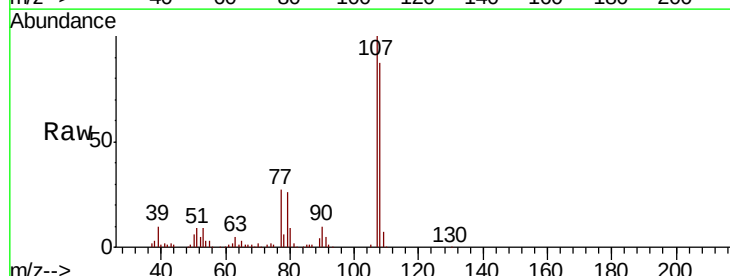
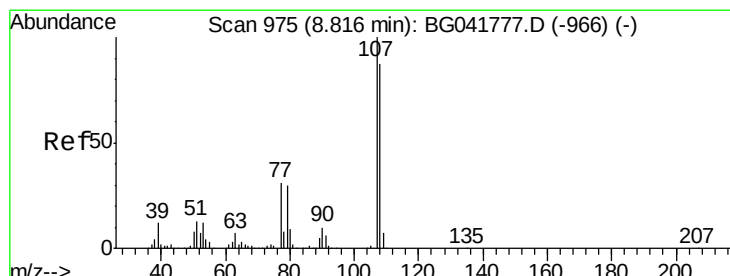
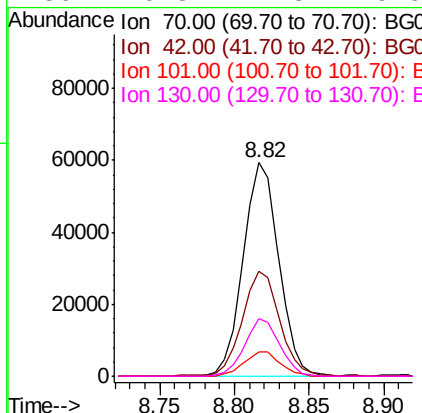




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.967 ng  
RT: 8.82 min Scan# 975  
Delta R.T. -0.04 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

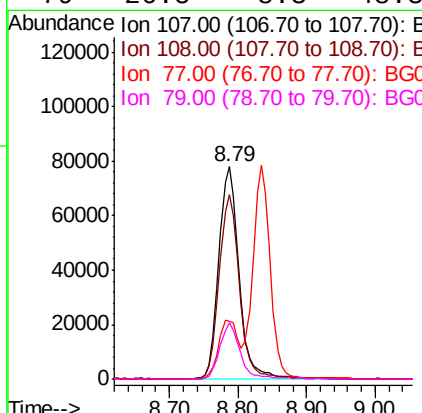
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

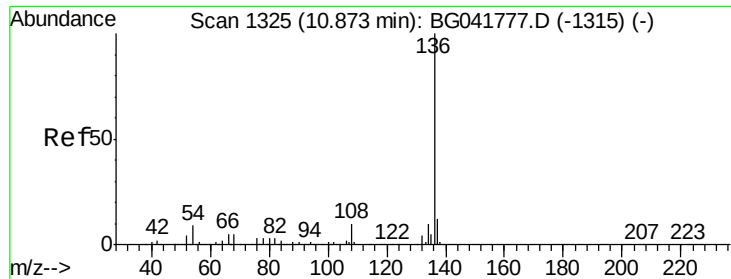
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 98063 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 48.9  | 55.8  | 83.6# |
| 101      | 11.4  | 8.1   | 12.1  |
| 130      | 26.8  | 17.3  | 25.9# |



#20  
3+4-Methylphenols  
Concen: 41.089 ng  
RT: 8.79 min Scan# 970  
Delta R.T. -0.03 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 159764 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.1  | 67.5  | 107.5  |
| 77       | 27.2  | 12.3  | 52.3   |
| 79       | 26.5  | 8.3   | 48.3   |

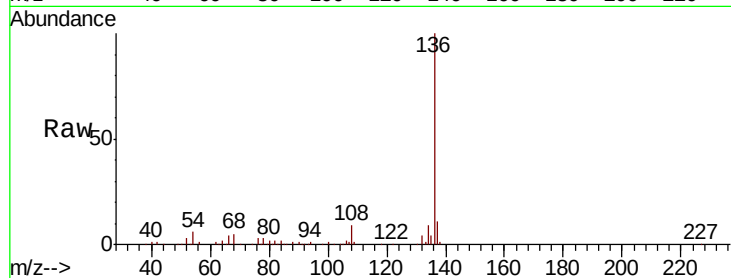




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1318  
Delta R.T. -0.04 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 228724 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.2   | 13.8   |
| 54       | 6.3   | 8.7   | 13.1#  |
| 68       | 4.9   | 5.5   | 8.3#   |



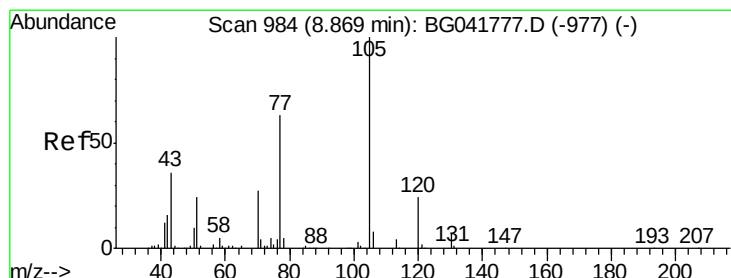
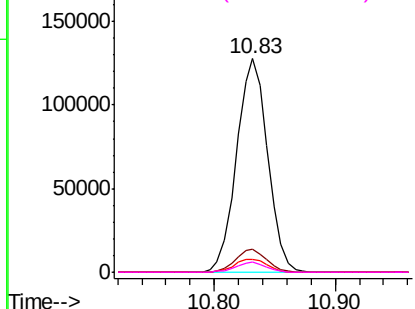
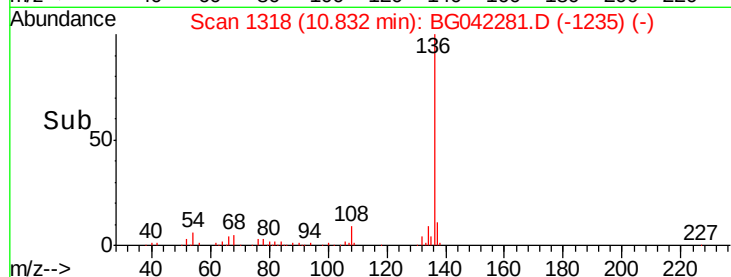
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

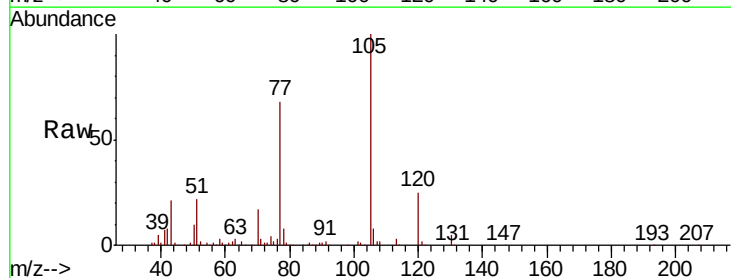
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 39.478 ng  
RT: 8.83 min Scan# 978  
Delta R.T. -0.04 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 201971 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.6   | 5.9   | 8.9#   |
| 51       | 22.1  | 27.7  | 41.5#  |
| 120      | 24.8  | 19.3  | 28.9   |



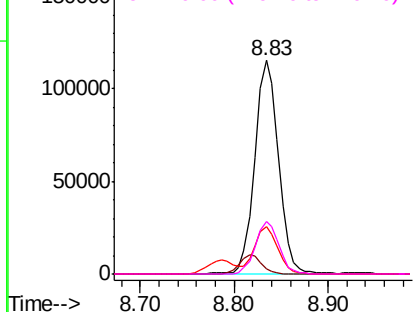
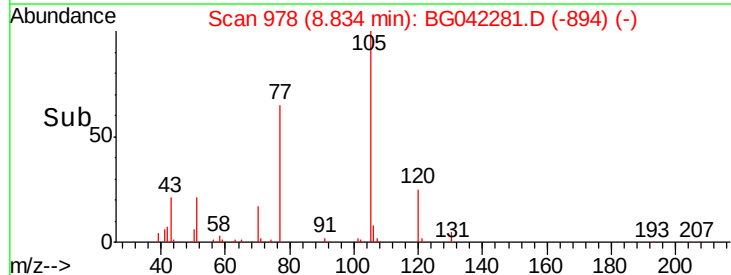
Abundance

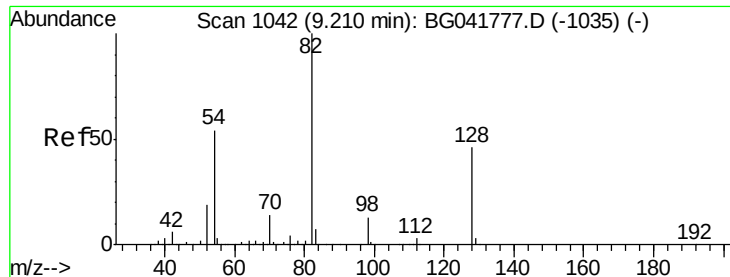
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

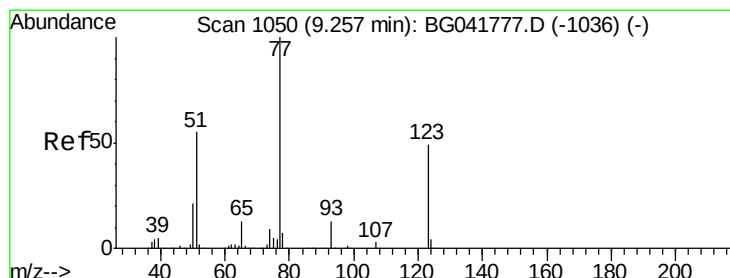
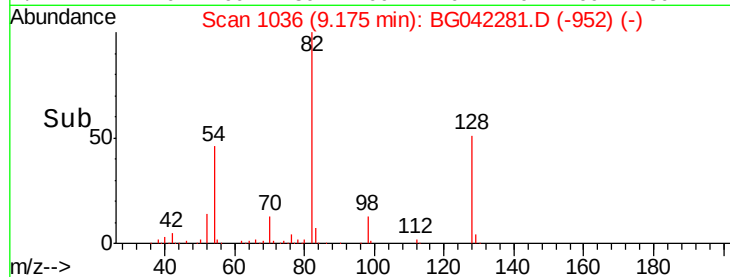
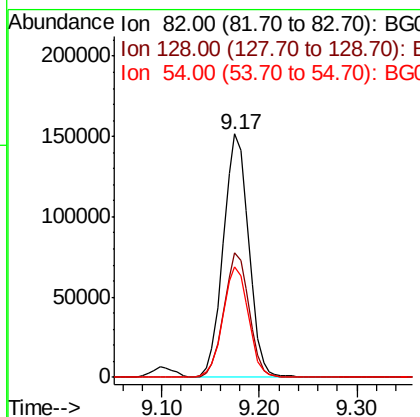
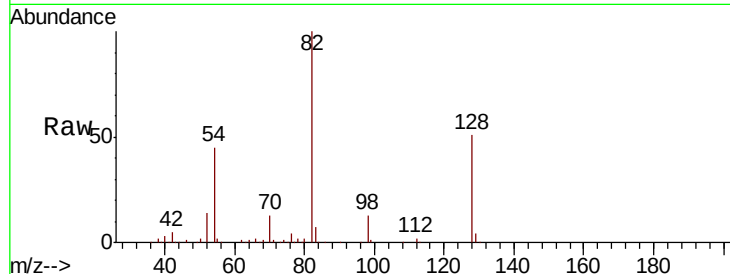




#23  
 Nitrobenzene-d5  
 Concen: 81.865 ng  
 RT: 9.17 min Scan# 1036  
 Delta R.T. -0.04 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

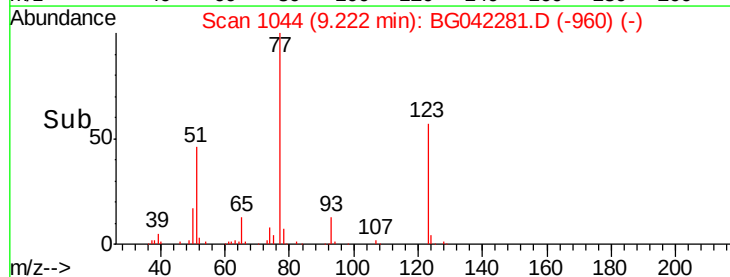
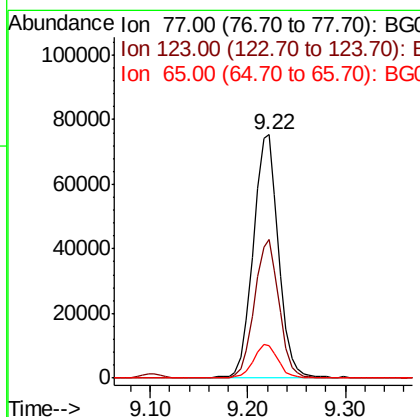
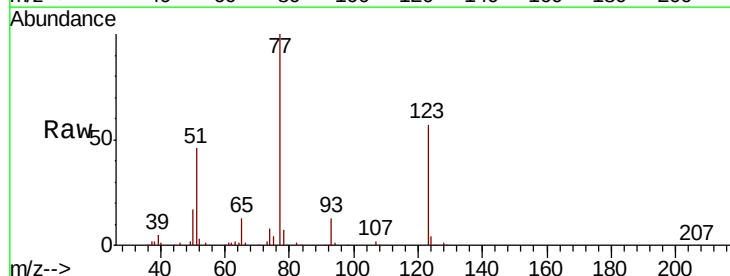
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP

Tgt Ion: 82 Resp: 272093  
 Ion Ratio Lower Upper  
 82 100  
 128 51.3 35.1 52.7  
 54 45.5 48.7 73.1#

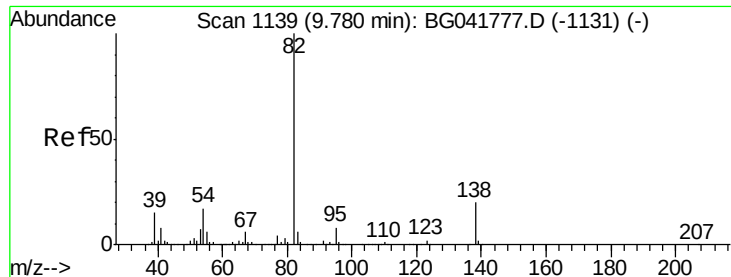


#24  
 Nitrobenzene  
 Concen: 39.299 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. -0.04 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

Tgt Ion: 77 Resp: 137606  
 Ion Ratio Lower Upper  
 77 100  
 123 57.1 38.1 57.1  
 65 13.3 11.0 16.6







#25

Isophorone

Concen: 37.567 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

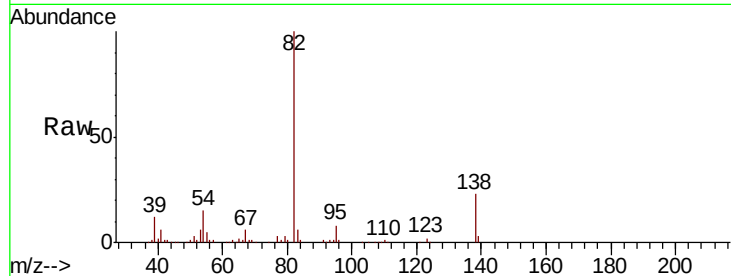
Tgt Ion: 82 Resp: 271620

Ion Ratio Lower Upper

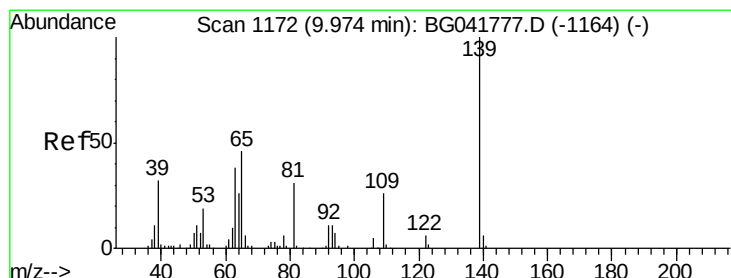
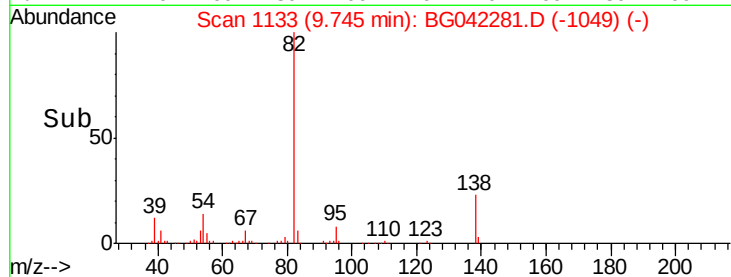
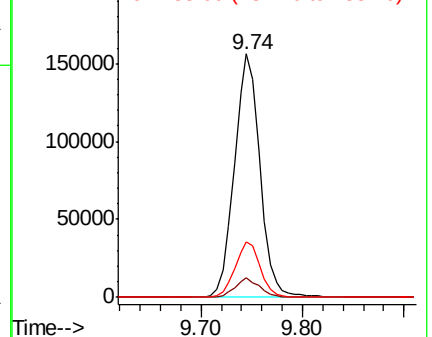
82 100

95 8.1 5.9 8.9

138 22.8 16.3 24.5



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



#26

2-Nitrophenol

Concen: 53.858 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

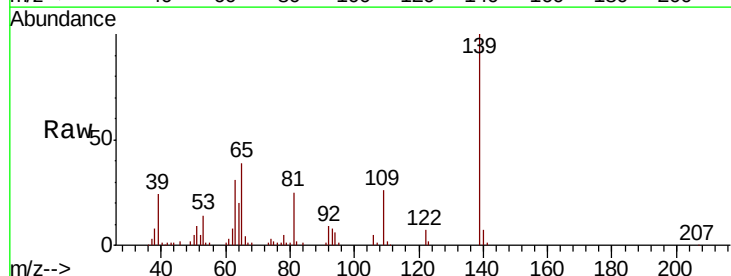
Tgt Ion: 139 Resp: 87525

Ion Ratio Lower Upper

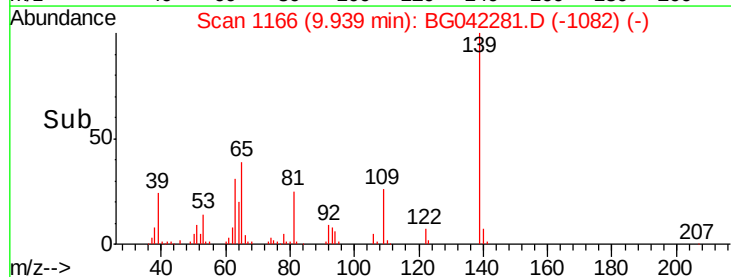
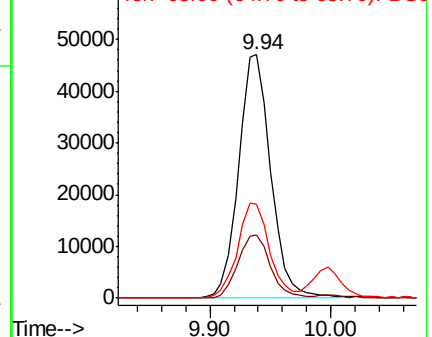
139 100

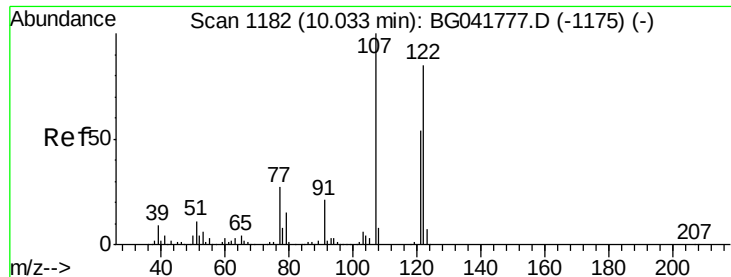
109 25.8 22.7 34.1

65 38.8 41.1 61.7#



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

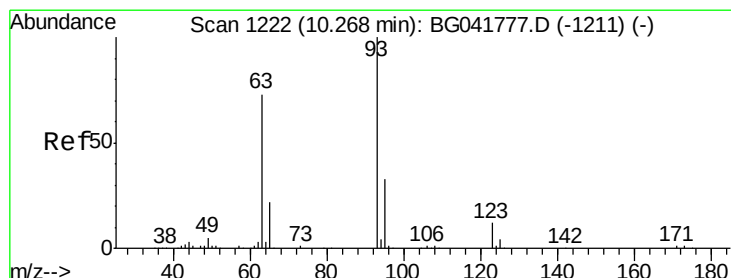
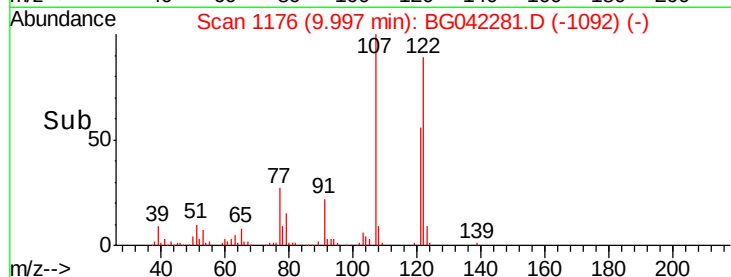
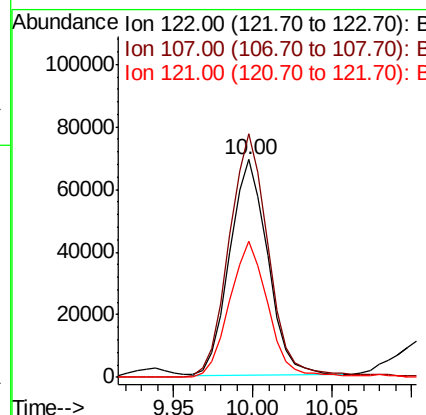
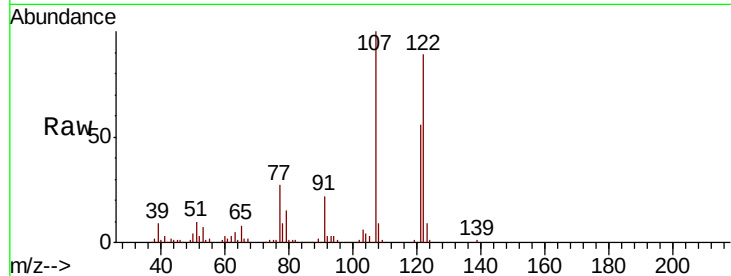




#27  
 2,4-Dimethylphenol  
 Concen: 40.202 ng  
 RT: 10.00 min Scan# 1176  
 Delta R.T. -0.04 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

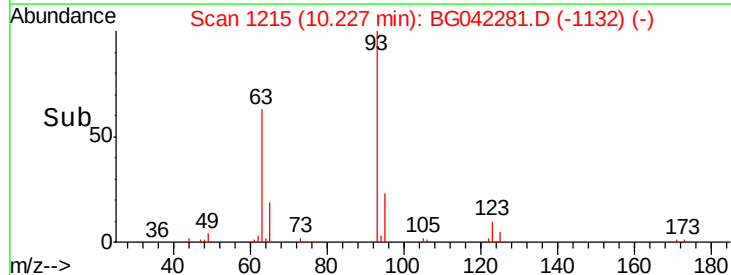
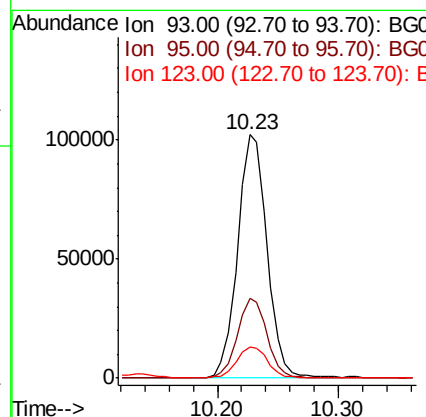
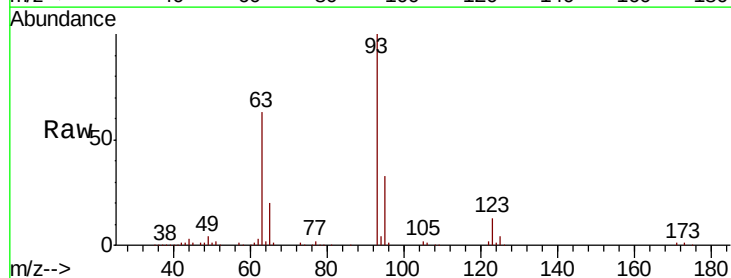
Instrument :  
 BNA\_G  
 ClientSampled :  
 DFTPP

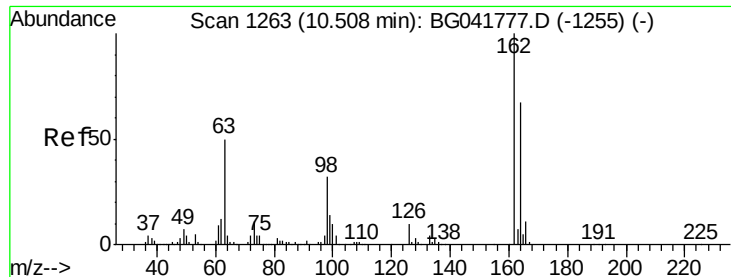
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.8 | 91.3  | 136.9 |
| 121     | 62.2  | 49.2  | 73.8  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.384 ng  
 RT: 10.23 min Scan# 1215  
 Delta R.T. -0.04 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.2  | 39.4  |
| 123     | 12.8  | 9.9   | 14.9  |

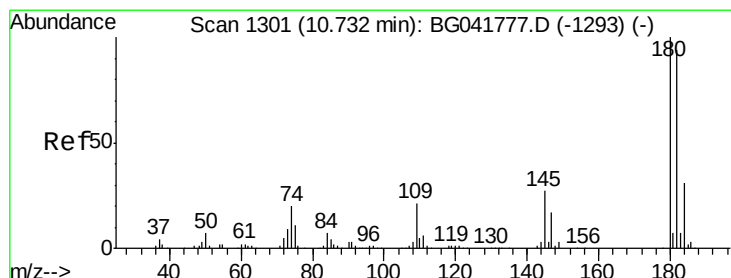
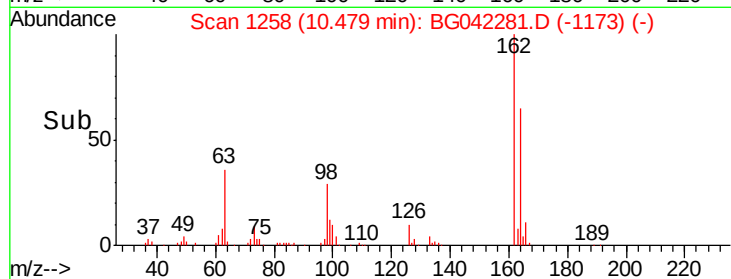
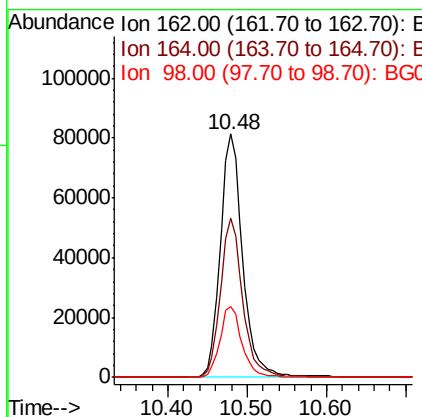
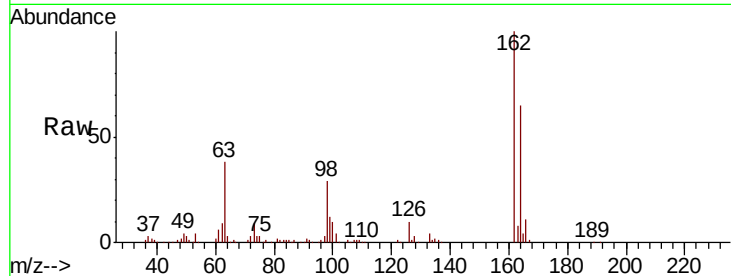




#29  
2,4-Dichlorophenol  
Concen: 45.455 ng  
RT: 10.48 min Scan# 1258  
Delta R.T. -0.03 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

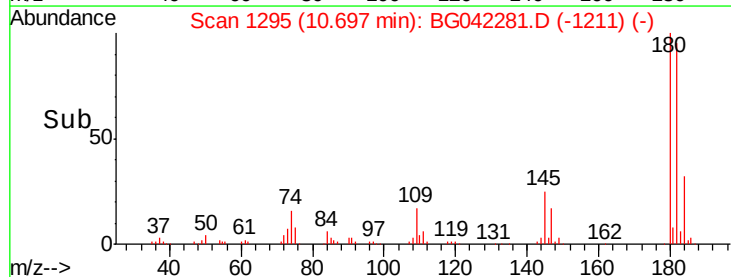
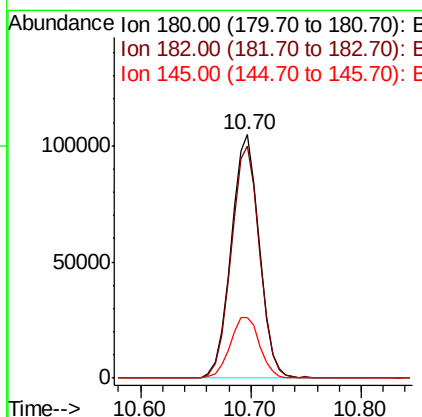
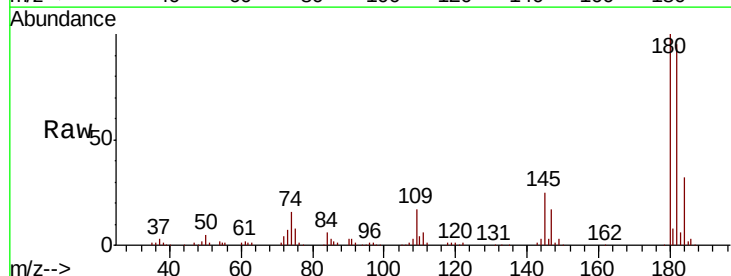
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

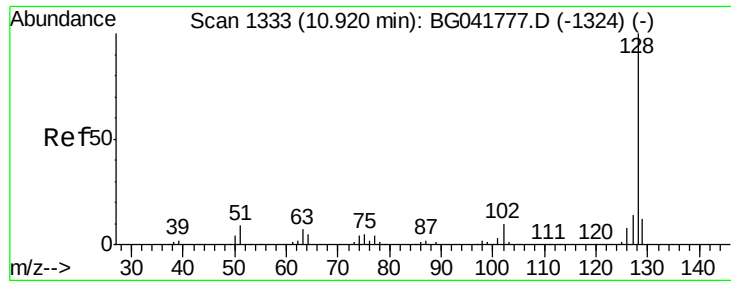
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.5  | 46.1  | 86.1  |
| 98      | 29.1  | 14.7  | 54.7  |



#30  
1,2,4-Trichlorobenzene  
Concen: 42.171 ng  
RT: 10.70 min Scan# 1295  
Delta R.T. -0.04 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 76.2  | 114.2 |
| 145     | 25.1  | 23.8  | 35.8  |

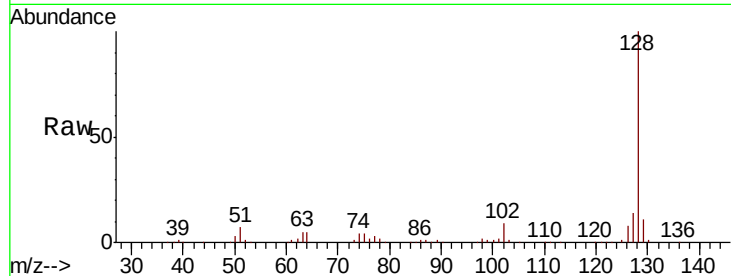




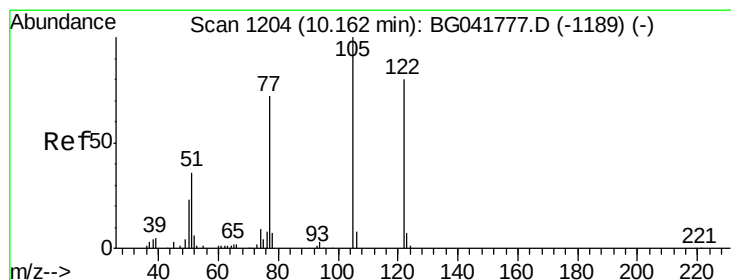
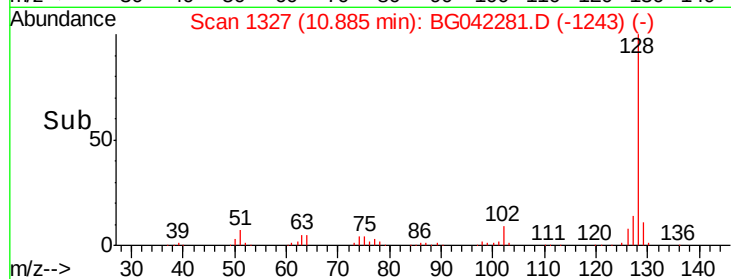
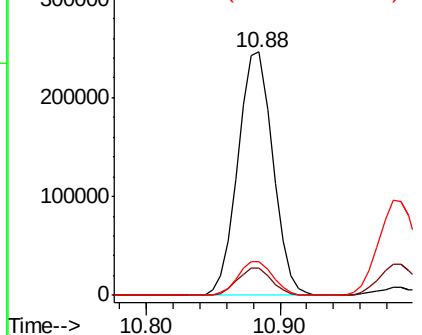
#31  
Naphthalene  
Concen: 42.716 ng  
RT: 10.88 min Scan# 1327  
Delta R.T. -0.04 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Tgt Ion:128 Resp: 447148  
Ion Ratio Lower Upper  
128 100  
129 11.2 10.0 15.0  
127 13.8 12.3 18.5

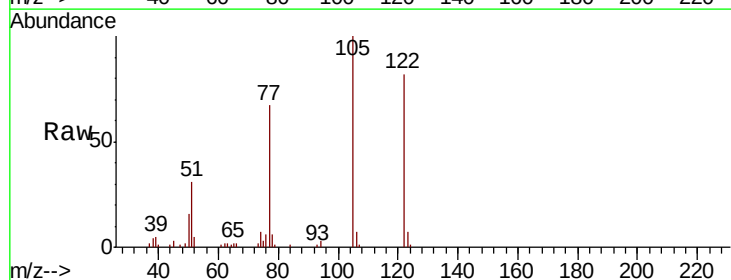


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

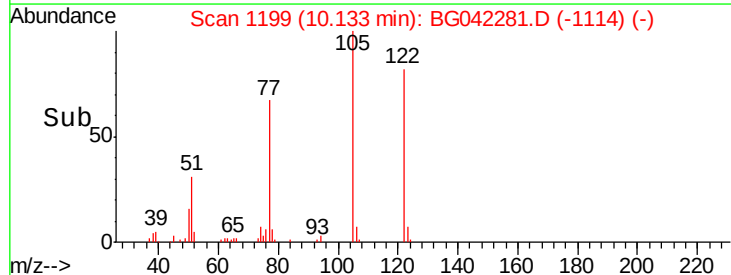
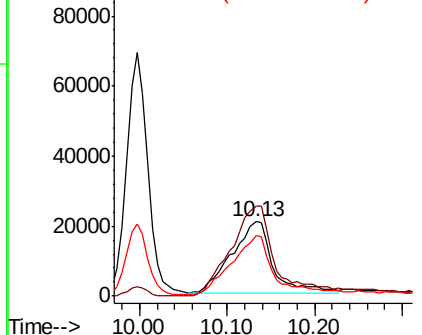


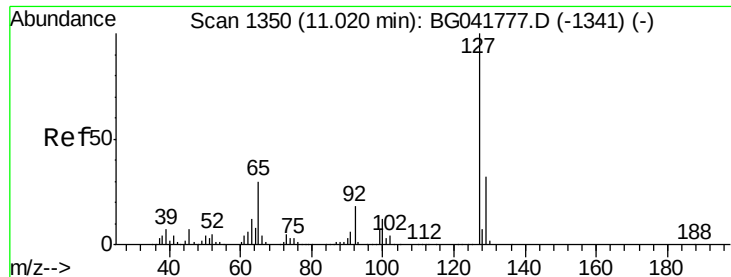
#32  
Benzoic acid  
Concen: 34.871 ng  
RT: 10.13 min Scan# 1199  
Delta R.T. -0.03 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Tgt Ion:122 Resp: 65472  
Ion Ratio Lower Upper  
122 100  
105 121.4 101.5 141.5  
77 81.2 73.0 113.0



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

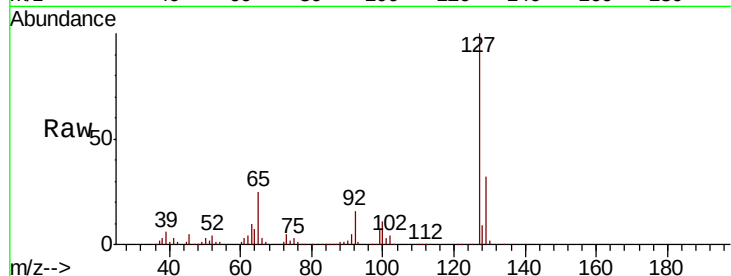




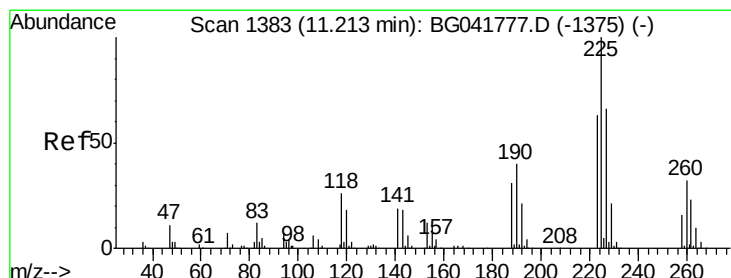
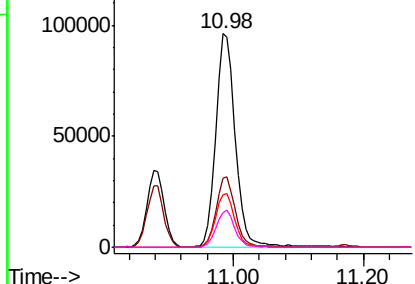
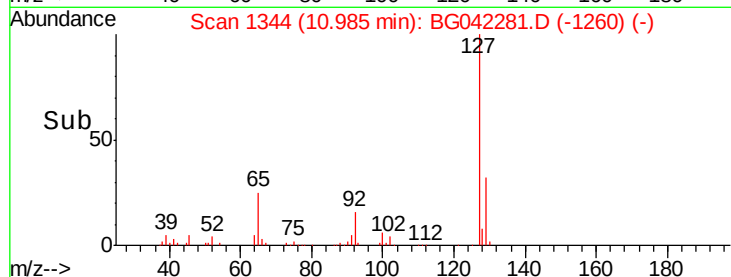
#33  
 4-Chloroaniline  
 Concen: 40.526 ng  
 RT: 10.98 min Scan# 1344  
 Delta R.T. -0.04 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

Instrument :  
 BNA\_G  
 ClientSampled :  
 DFTPP

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 201183 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.8  | 38.8   |
| 65       | 24.8  | 26.7  | 40.1#  |
| 92       | 16.0  | 15.4  | 23.0   |

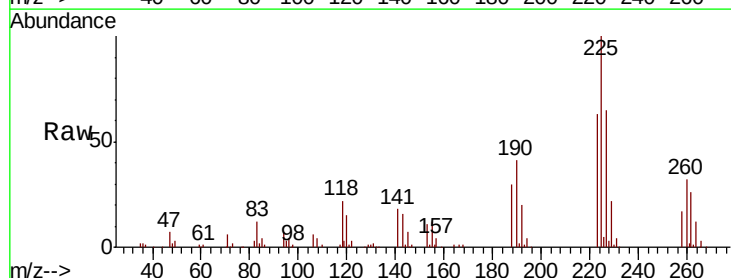


Abundance Ion 127.00 (126.70 to 127.70): E  
 150000  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BG  
 Ion 92.00 (91.70 to 92.70): BG

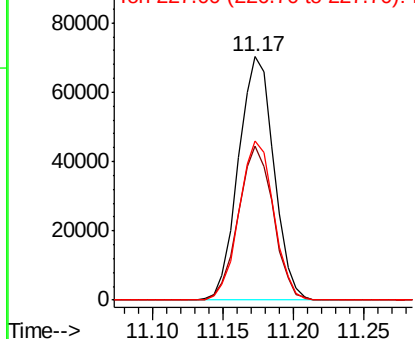
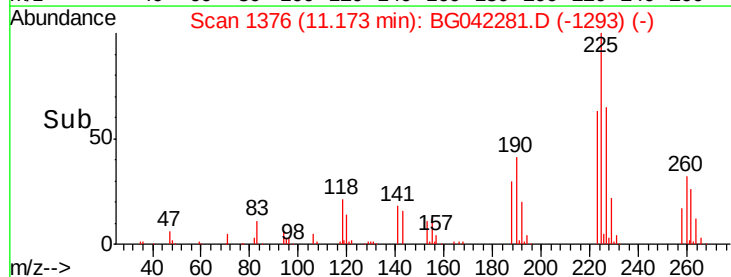


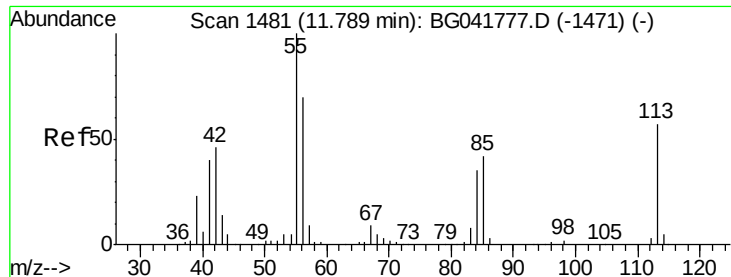
#34  
 Hexachlorobutadiene  
 Concen: 41.269 ng  
 RT: 11.17 min Scan# 1376  
 Delta R.T. -0.04 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 123368 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 51.1  | 76.7   |
| 227      | 65.5  | 50.9  | 76.3   |



Abundance Ion 225.00 (224.70 to 225.70): E  
 80000  
 Ion 223.00 (222.70 to 223.70): E  
 Ion 227.00 (226.70 to 227.70): E

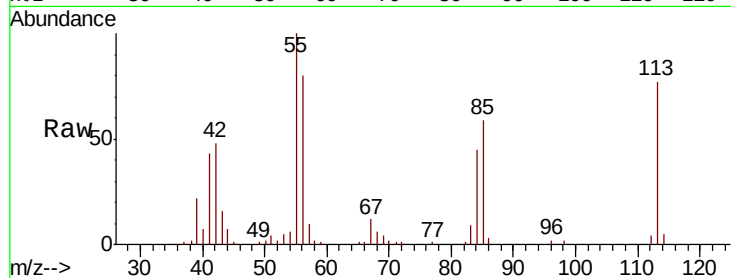




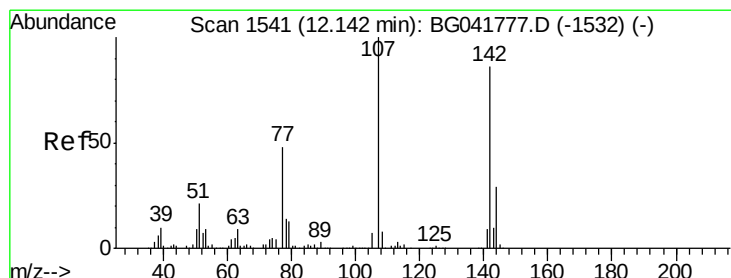
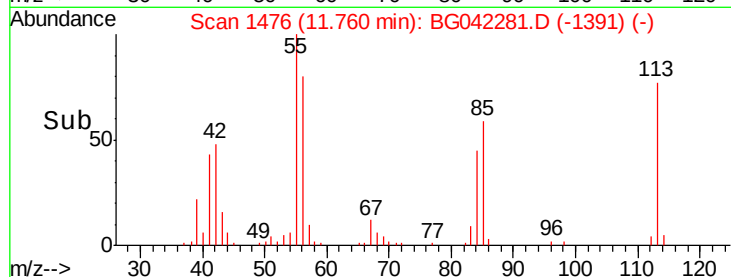
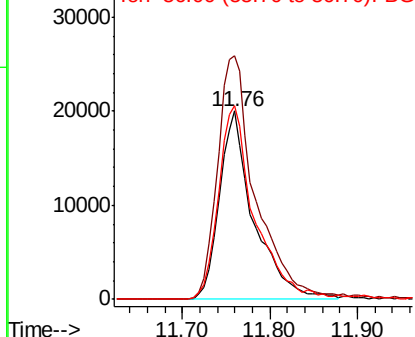
#35  
 Caprolactam  
 Concen: 44.461 ng  
 RT: 11.76 min Scan# 1476  
 Delta R.T. -0.03 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP

Tgt Ion:113 Resp: 53969  
 Ion Ratio Lower Upper  
 113 100  
 55 129.2 199.4 239.4#  
 56 102.8 133.6 173.6#

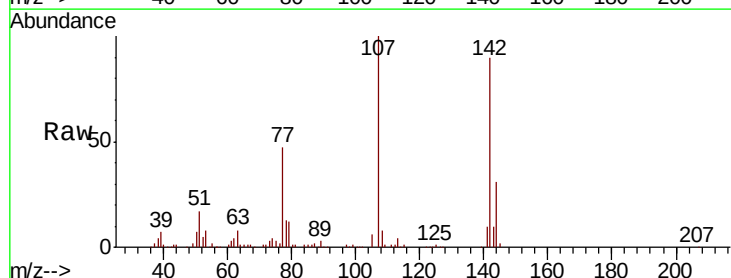


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BG  
 Ion 56.00 (55.70 to 56.70): BG

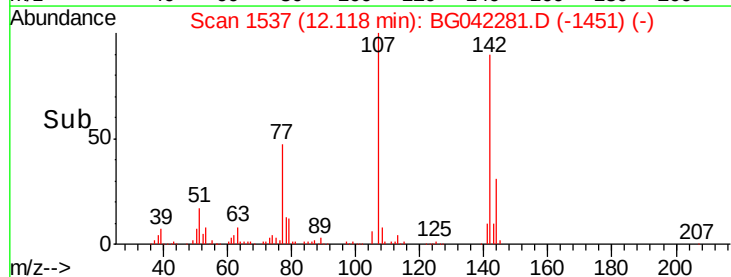
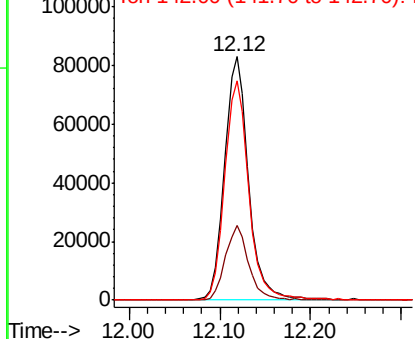


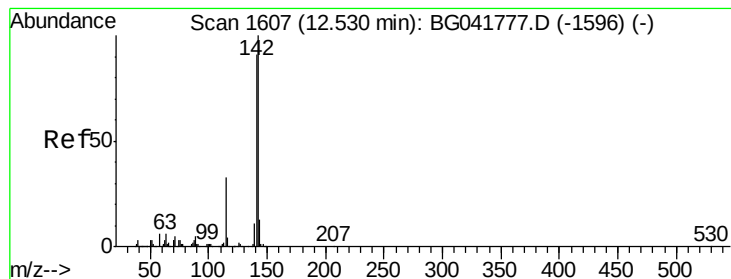
#36  
 4-Chloro-3-methylphenol  
 Concen: 43.936 ng  
 RT: 12.12 min Scan# 1537  
 Delta R.T. -0.02 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

Tgt Ion:107 Resp: 152145  
 Ion Ratio Lower Upper  
 107 100  
 144 30.9 22.2 33.2  
 142 89.8 67.3 100.9



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: 43.404 ng

RT: 12.49 min Scan# 1601

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

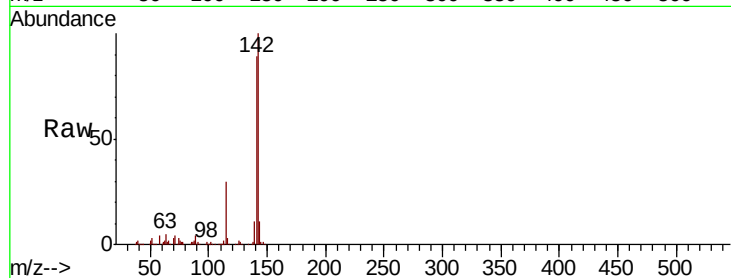
Tgt Ion:142 Resp: 359638

Ion Ratio Lower Upper

142 100

141 89.1 72.7 109.1

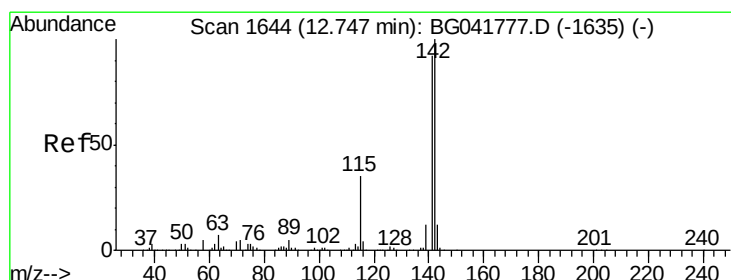
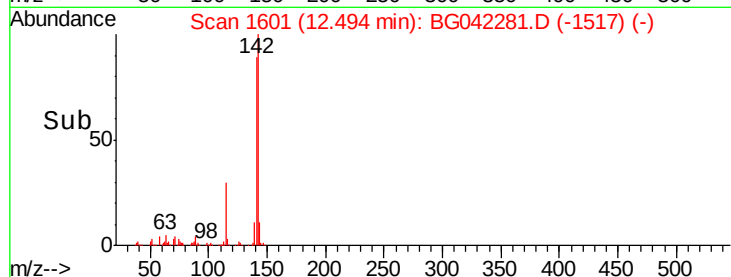
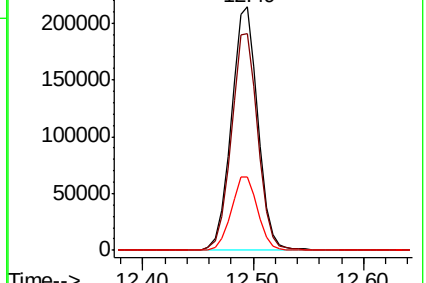
115 30.0 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.916 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

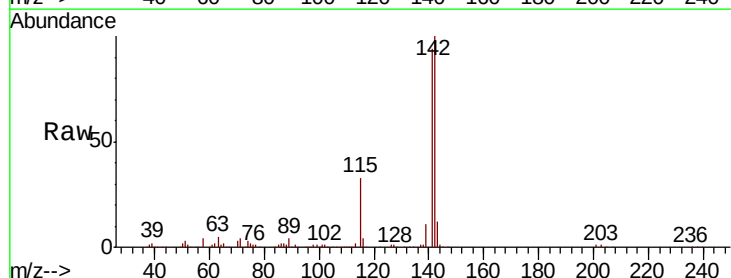
Tgt Ion:142 Resp: 344838

Ion Ratio Lower Upper

142 100

141 93.7 75.4 113.2

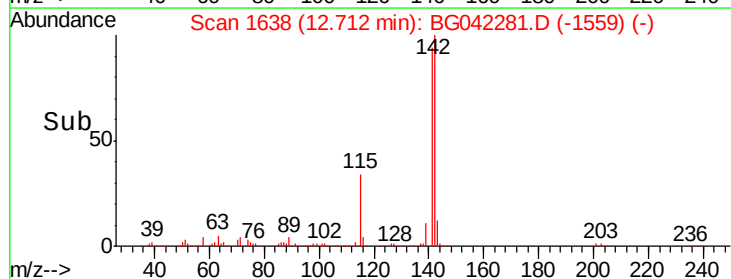
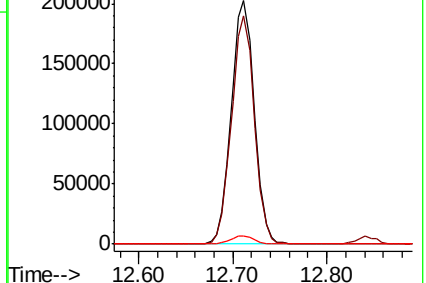
116 3.6 3.2 4.8

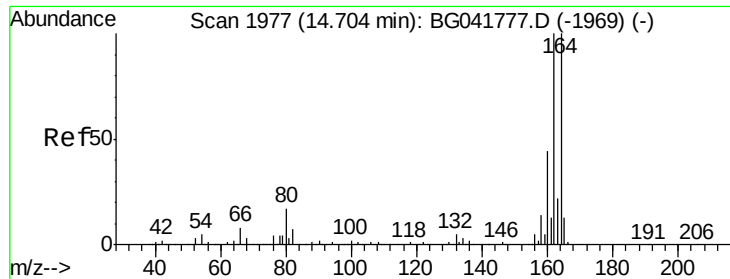


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

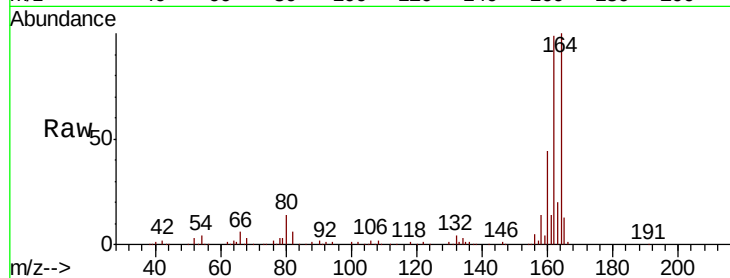
Tgt Ion:164 Resp: 171130

Ion Ratio Lower Upper

164 100

162 98.8 79.6 119.4

160 43.7 35.4 53.0

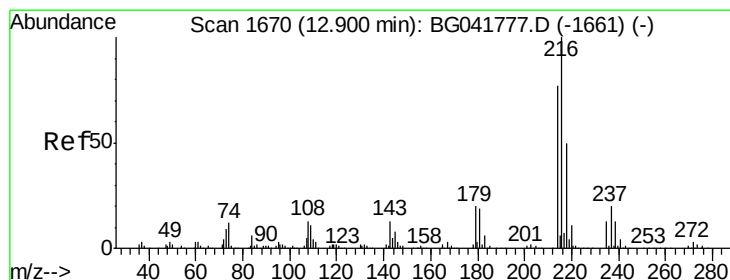
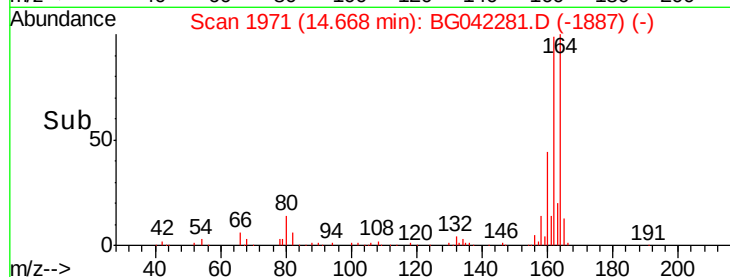
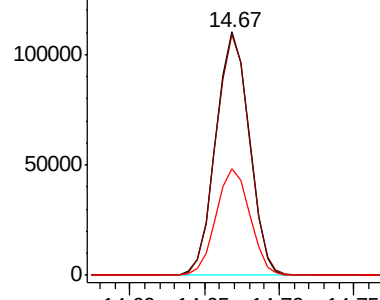


Abundance

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: 40.764 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Tgt Ion:216 Resp: 220820

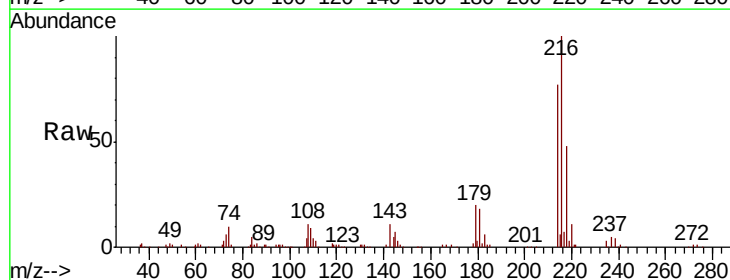
Ion Ratio Lower Upper

216 100

214 77.7 61.5 92.3

179 19.2 16.2 24.2

108 11.8 13.2 19.8#



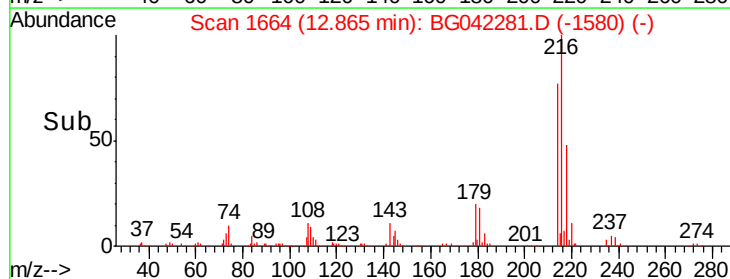
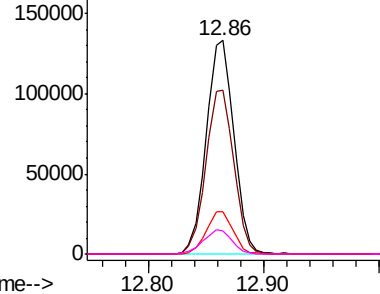
Abundance

Ion 216.00 (215.70 to 216.70): E

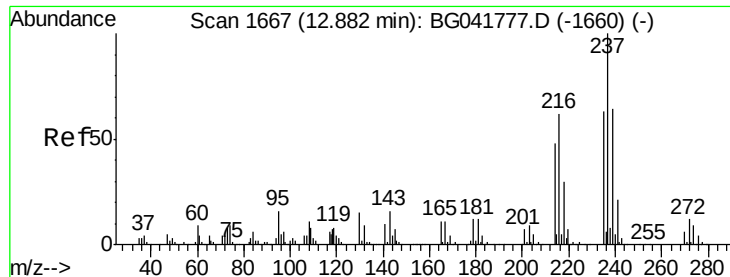
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 33.985 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

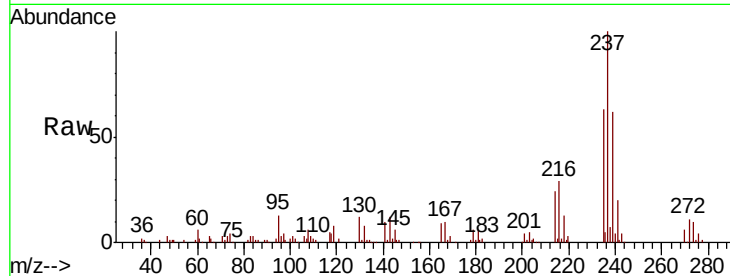
Tgt Ion: 237 Resp: 103505

Ion Ratio Lower Upper

237 100

235 62.9 43.5 83.5

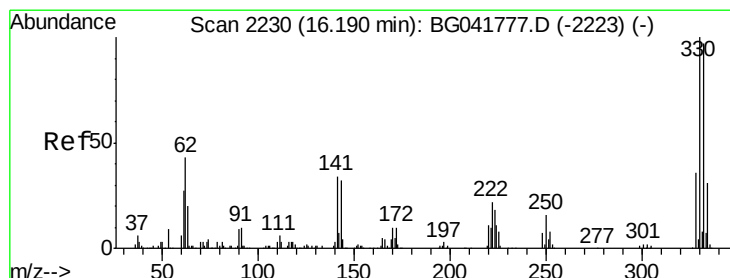
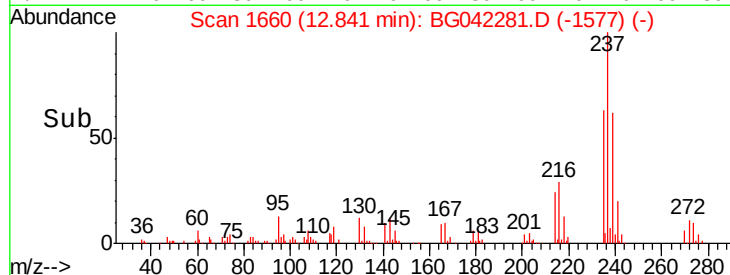
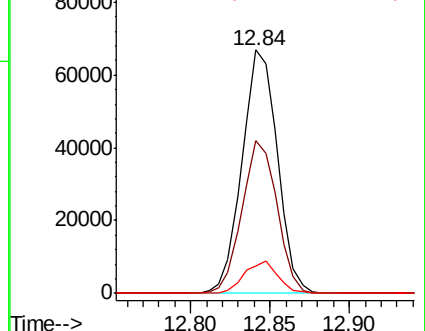
272 11.4 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 98.897 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

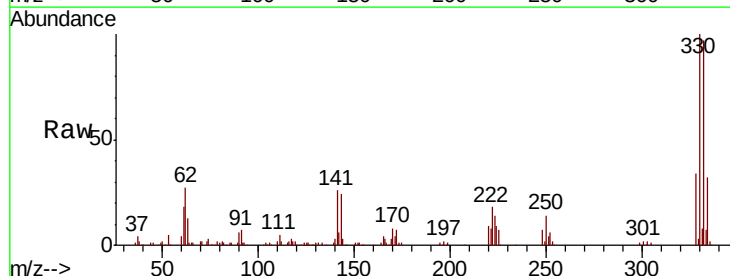
Tgt Ion: 330 Resp: 192236

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

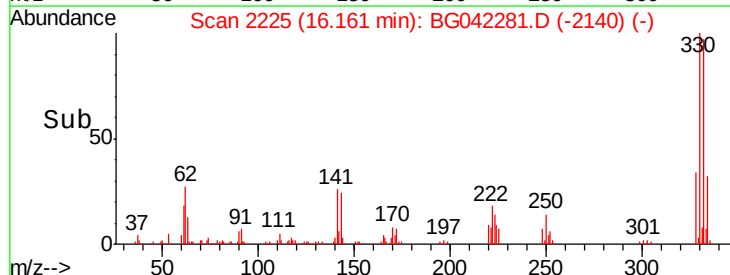
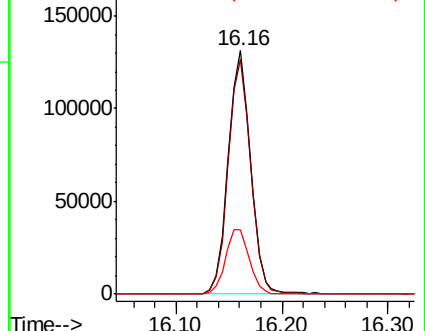
141 28.3 31.9 47.9#

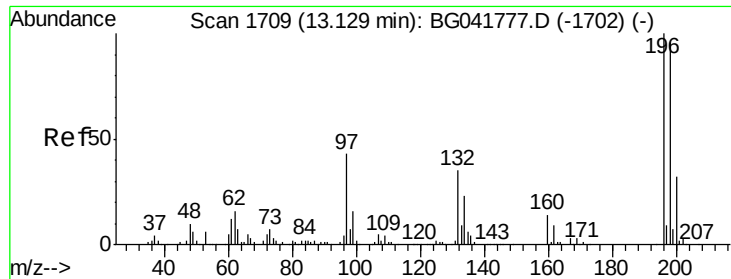


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

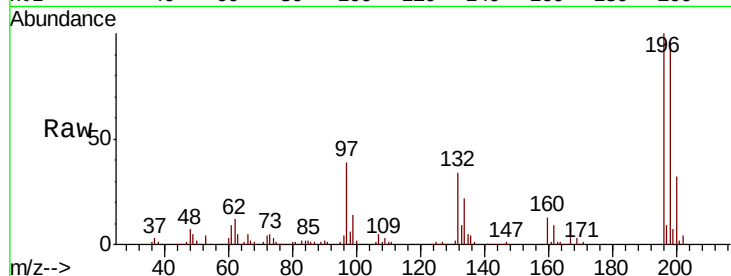




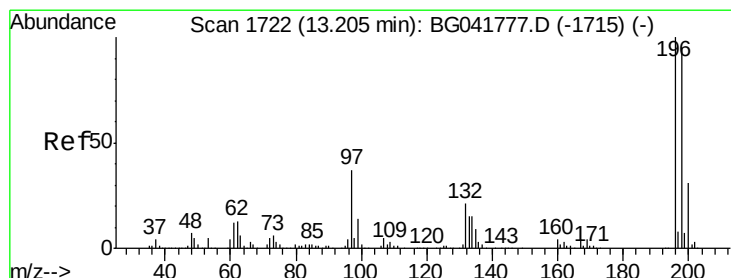
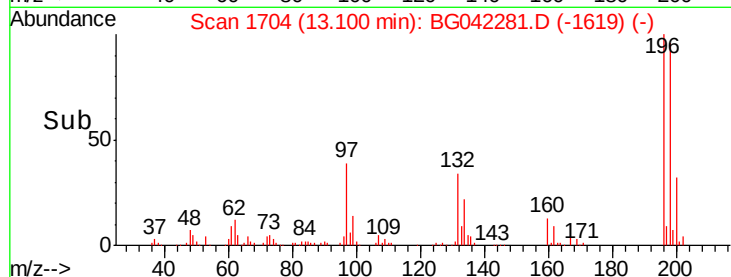
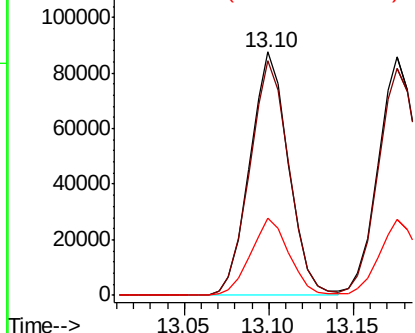
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.770 ng  
 RT: 13.10 min Scan# 1704  
 Delta R.T. -0.03 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP

Tgt Ion:196 Resp: 139586  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 79.6 119.4  
 200 31.7 25.2 37.8



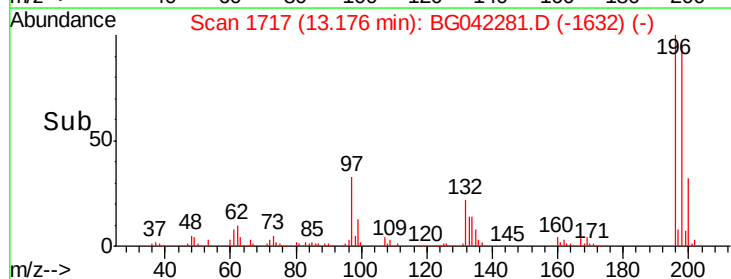
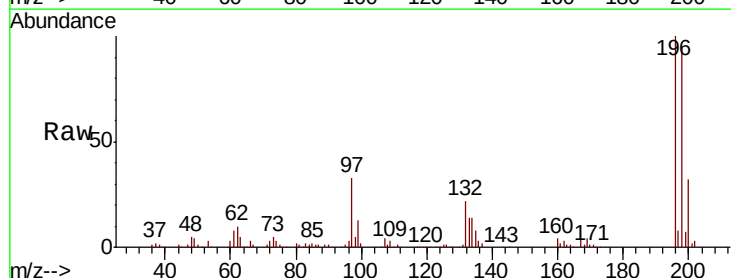
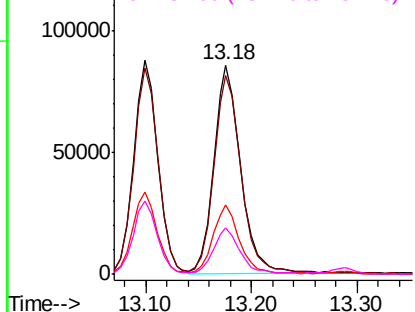
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

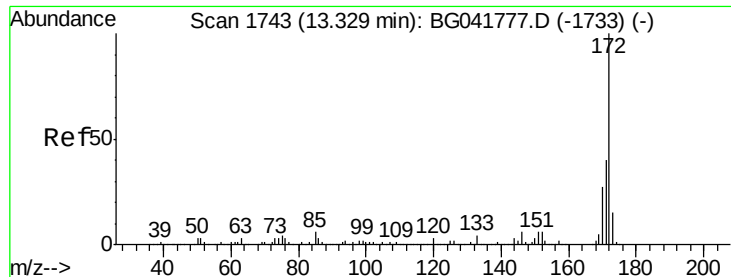


#44  
 2,4,5-Trichlorophenol  
 Concen: 42.482 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.03 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

Tgt Ion:196 Resp: 151148  
 Ion Ratio Lower Upper  
 196 100  
 198 95.2 80.6 121.0  
 97 32.9 33.9 50.9#  
 132 22.0 20.2 30.2

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

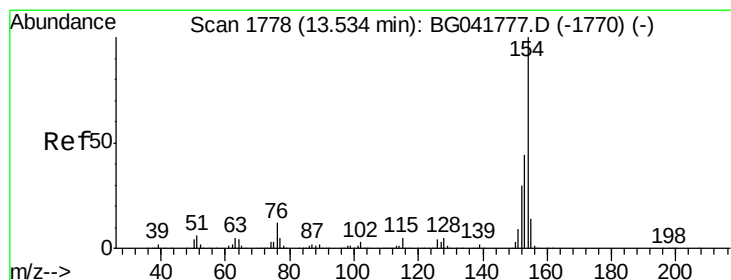
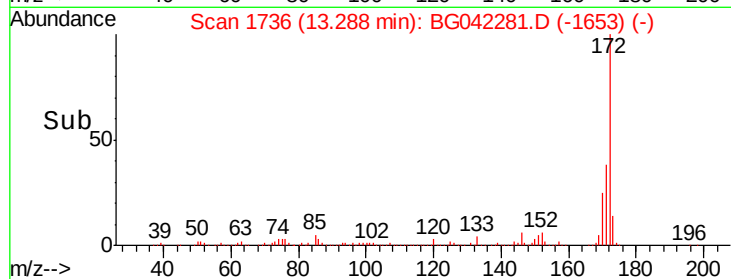
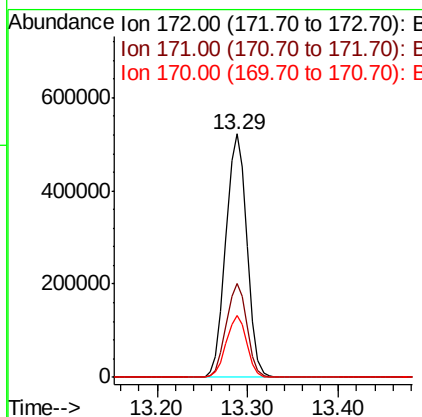
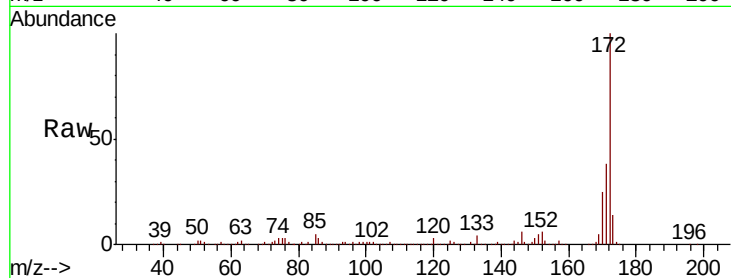




#45  
 2-Fluorobiphenyl  
 Concen: 86.876 ng  
 RT: 13.29 min Scan# 1736  
 Delta R.T. -0.04 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

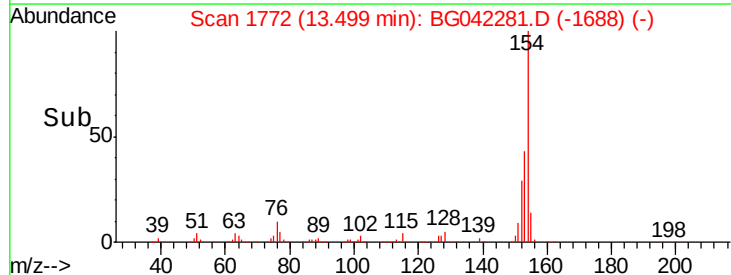
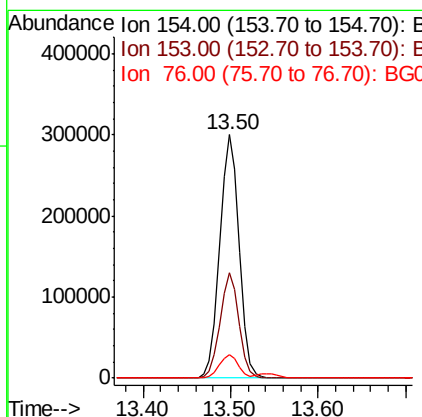
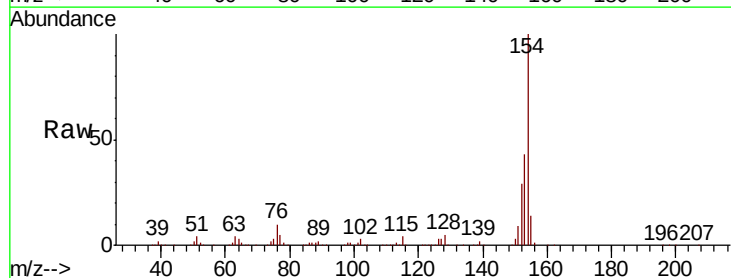
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP

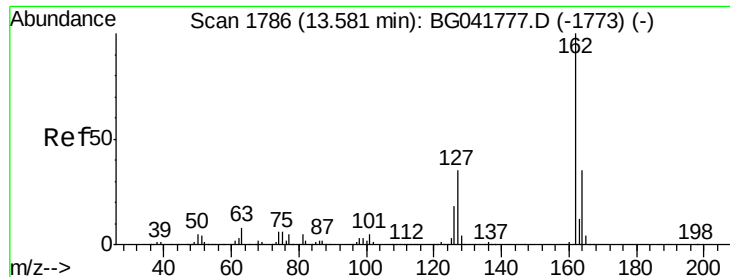
Tgt Ion:172 Resp: 842935  
 Ion Ratio Lower Upper  
 172 100  
 171 38.4 35.0 52.4  
 170 25.2 23.5 35.3



#46  
 1,1'-Biphenyl  
 Concen: 41.876 ng  
 RT: 13.50 min Scan# 1772  
 Delta R.T. -0.04 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

Tgt Ion:154 Resp: 460668  
 Ion Ratio Lower Upper  
 154 100  
 153 43.4 25.0 65.0  
 76 9.8 0.0 34.5





#47

2-Chloronaphthalene

Concen: 41.466 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

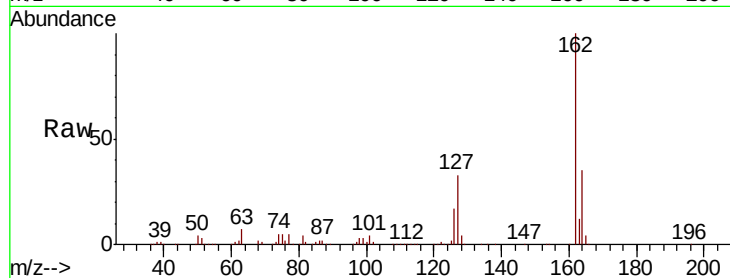
Tgt Ion: 162 Resp: 388370

Ion Ratio Lower Upper

162 100

127 33.1 30.4 45.6

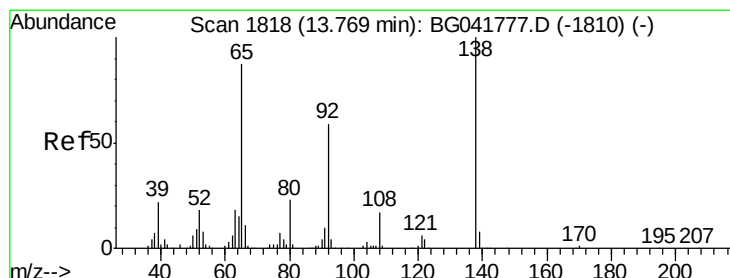
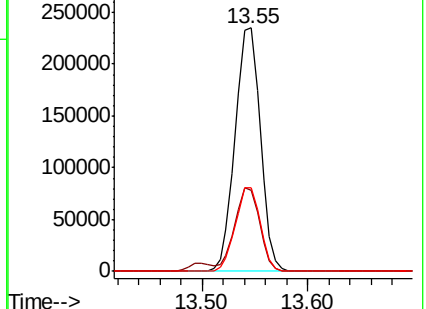
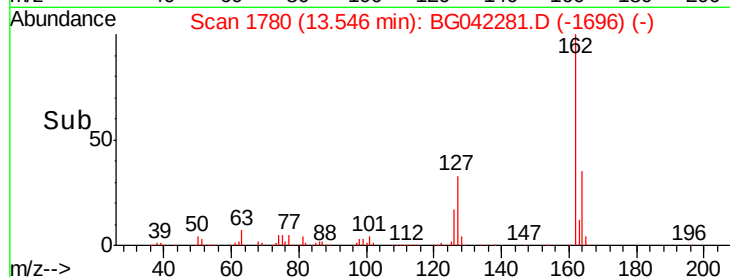
164 34.6 28.6 42.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.773 ng

RT: 13.74 min Scan# 1813

Delta R.T. -0.03 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

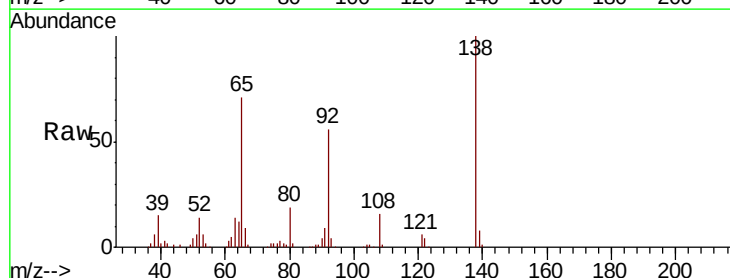
Tgt Ion: 65 Resp: 94477

Ion Ratio Lower Upper

65 100

92 78.9 53.9 80.9

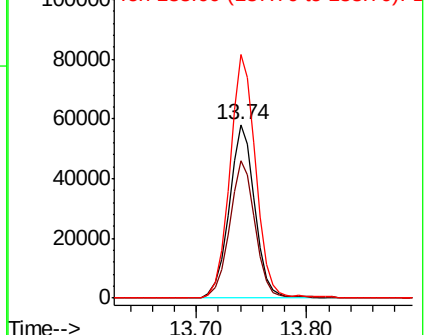
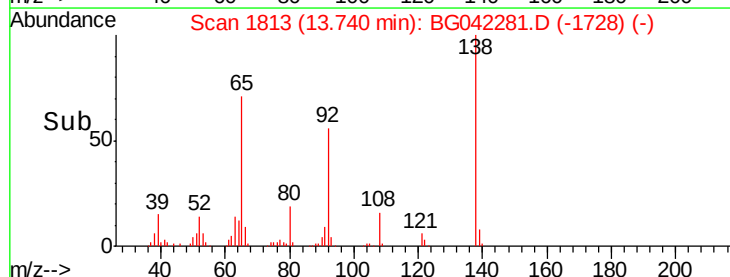
138 140.1 83.5 125.3#

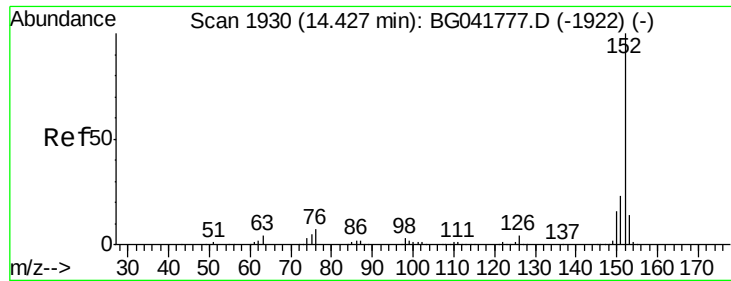


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.784 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

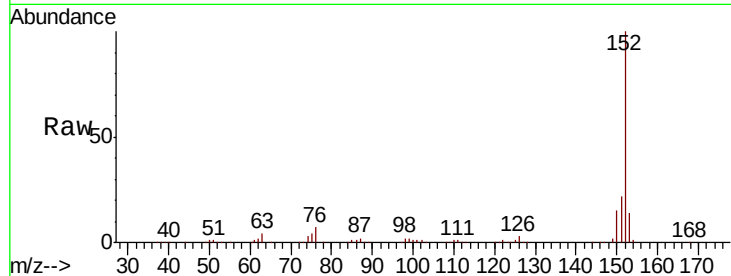
Tgt Ion:152 Resp: 613411

Ion Ratio Lower Upper

152 100

151 22.3 18.7 28.1

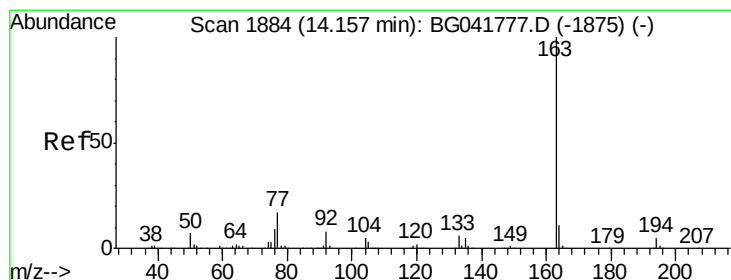
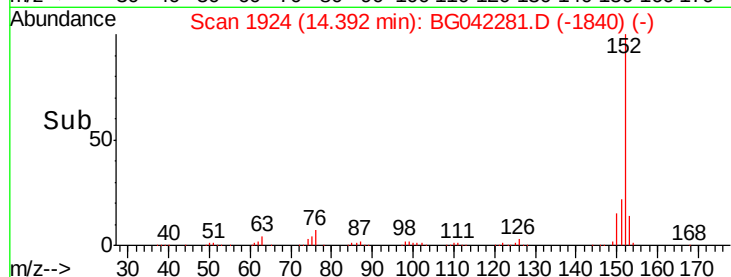
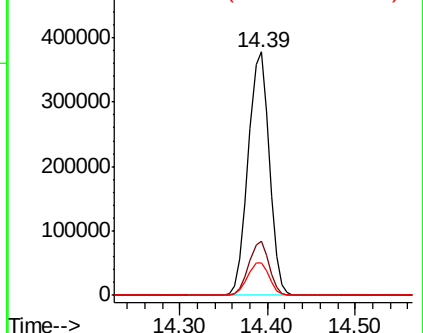
153 13.5 12.4 18.6



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: 44.011 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

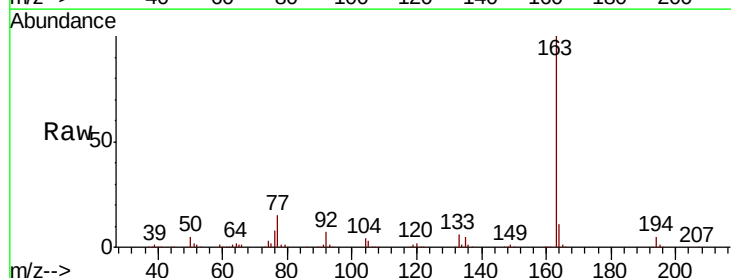
Tgt Ion:163 Resp: 514374

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

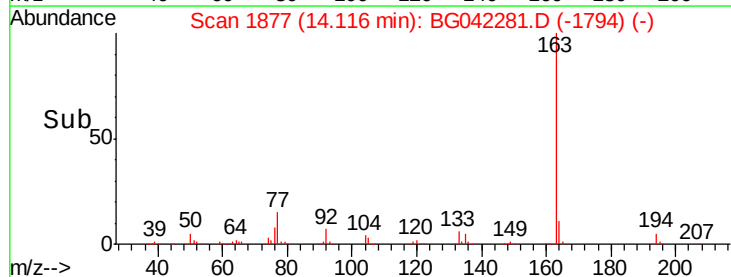
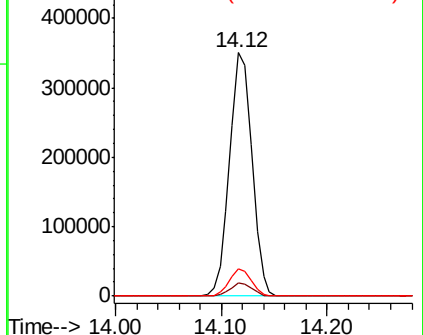
164 11.0 9.4 14.2

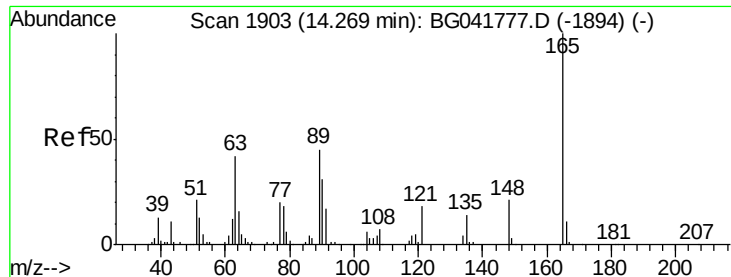


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

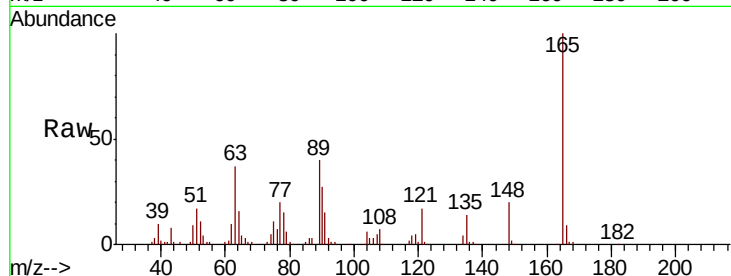




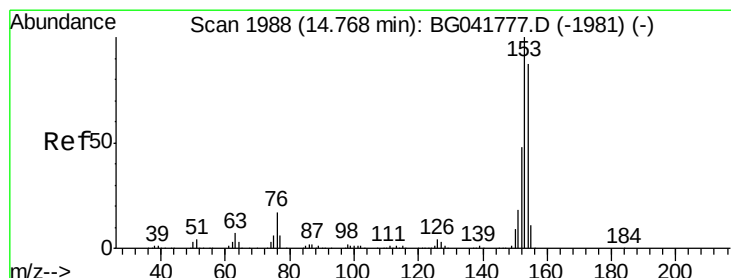
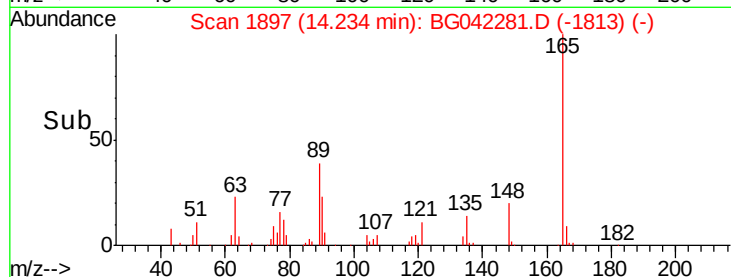
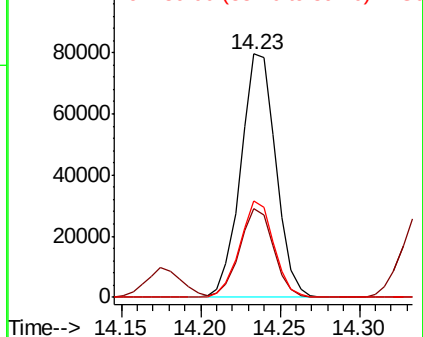
#51  
2,6-Dinitrotoluene  
Concen: 50.135 ng  
RT: 14.23 min Scan# 1897  
Delta R.T. -0.04 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Tgt Ion:165 Resp: 122524  
Ion Ratio Lower Upper  
165 100  
63 36.6 42.4 63.6#  
89 39.5 42.1 63.1#

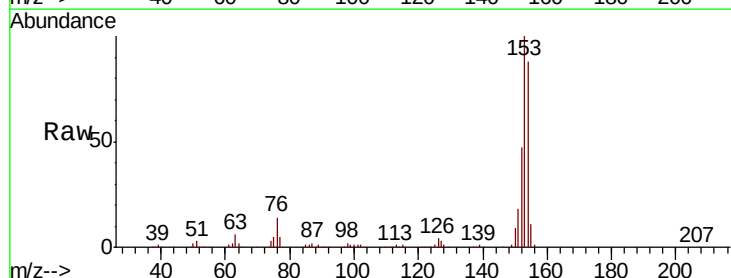


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG

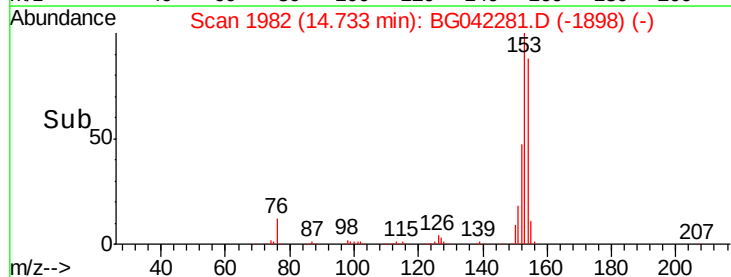
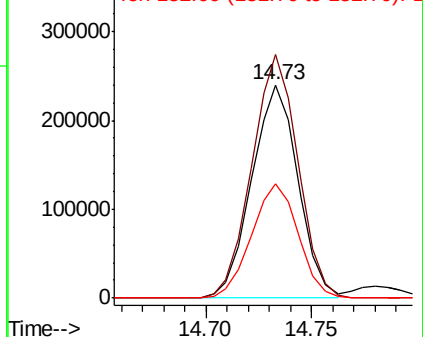


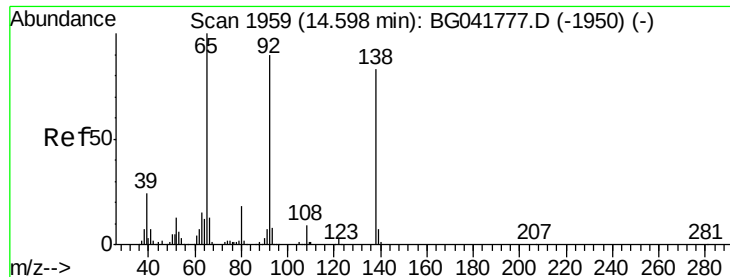
#52  
Acenaphthene  
Concen: 40.094 ng  
RT: 14.73 min Scan# 1982  
Delta R.T. -0.04 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Tgt Ion:154 Resp: 365332  
Ion Ratio Lower Upper  
154 100  
153 114.1 89.8 134.6  
152 53.8 44.9 67.3



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: 45.895 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

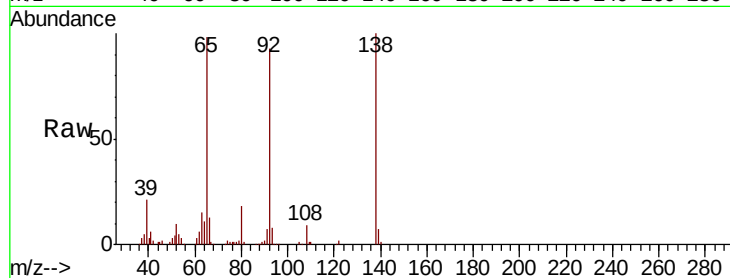
Tgt Ion:138 Resp: 119993

Ion Ratio Lower Upper

138 100

108 9.4 10.3 15.5#

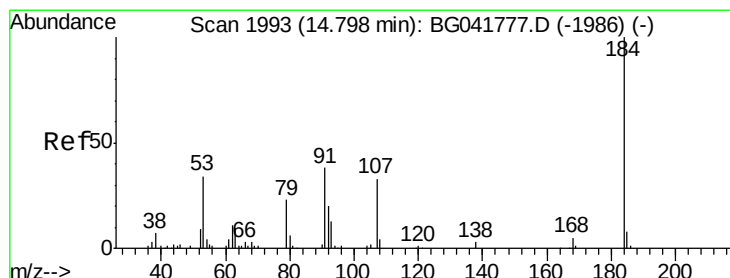
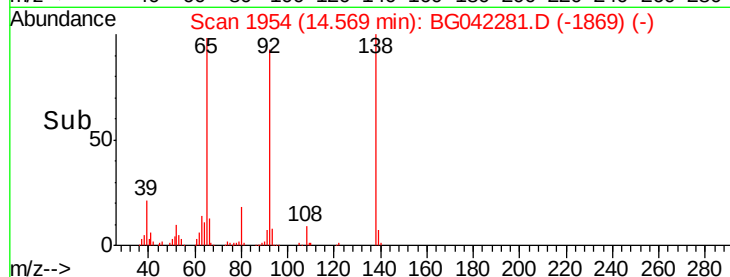
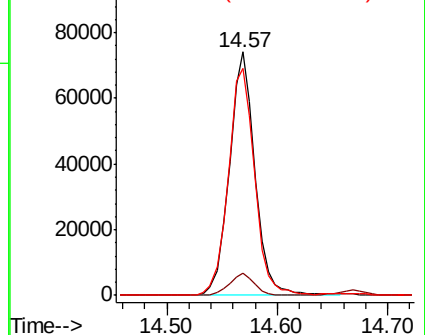
92 93.3 93.0 139.4



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: 43.192 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

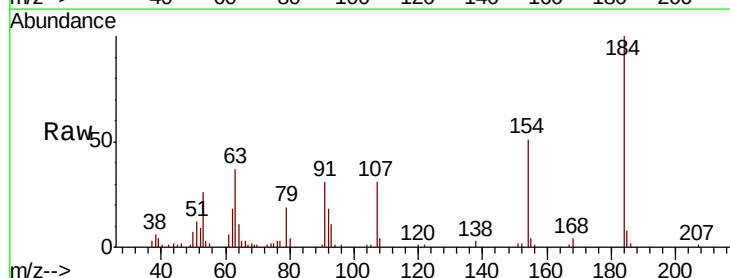
Tgt Ion:184 Resp: 52227

Ion Ratio Lower Upper

184 100

63 37.4 43.2 64.8#

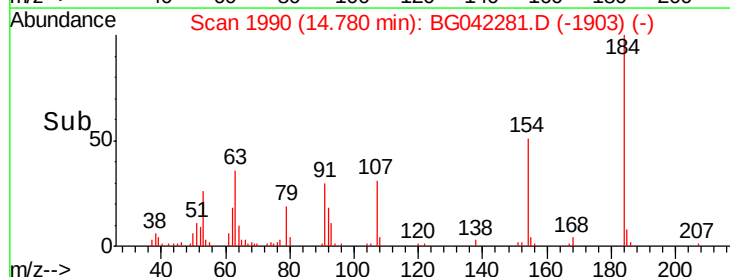
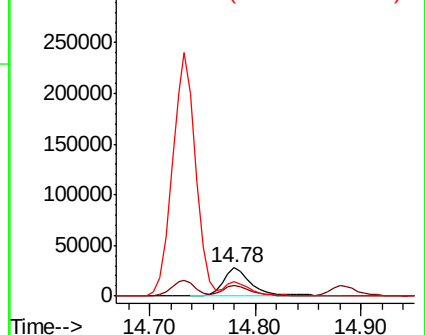
154 50.7 51.4 77.2#

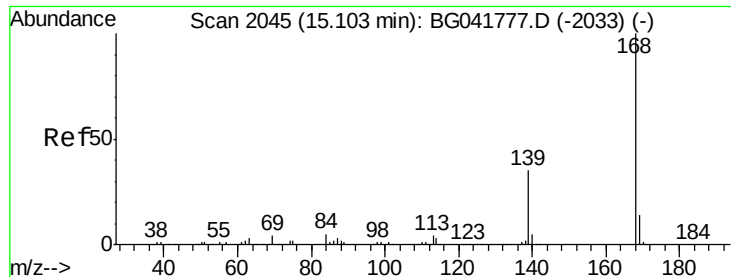


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.909 ng

RT: 15.07 min Scan# 2039

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

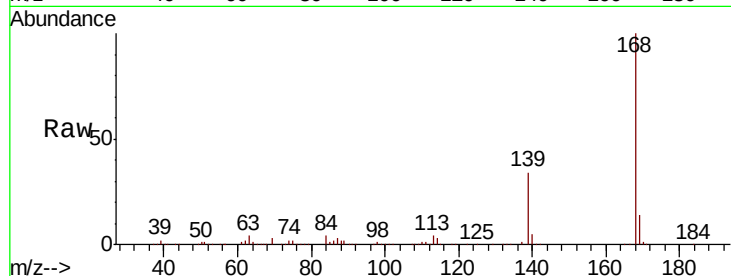
Tgt Ion:168 Resp: 611977

Ion Ratio Lower Upper

168 100

139 34.2 31.9 47.9

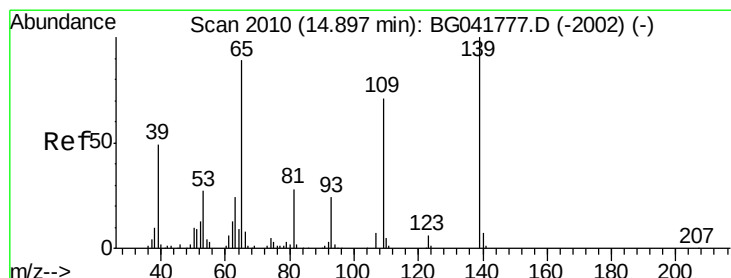
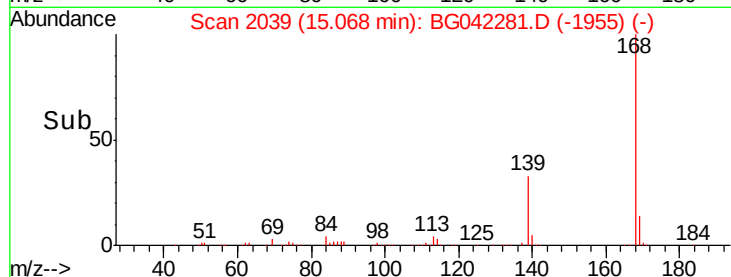
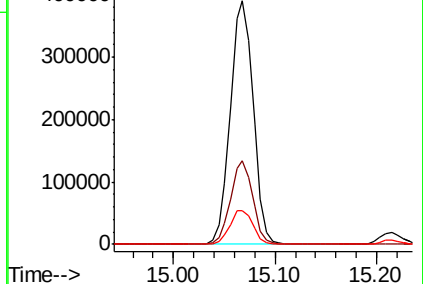
169 14.0 12.5 18.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 44.610 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

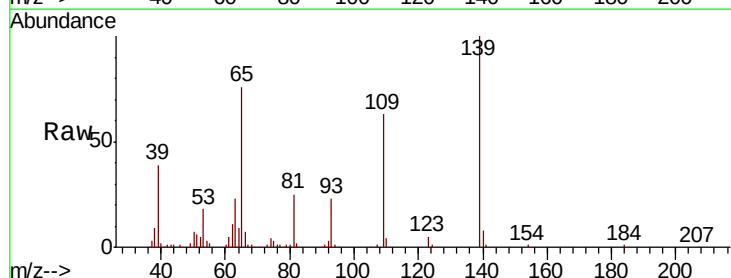
Tgt Ion:139 Resp: 88533

Ion Ratio Lower Upper

139 100

109 63.4 51.3 91.3

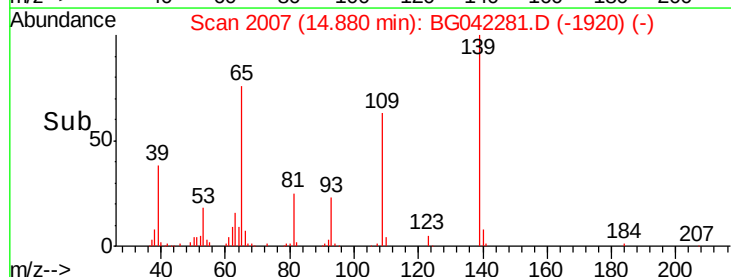
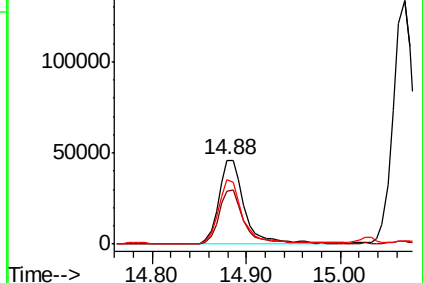
65 76.5 77.6 117.6#



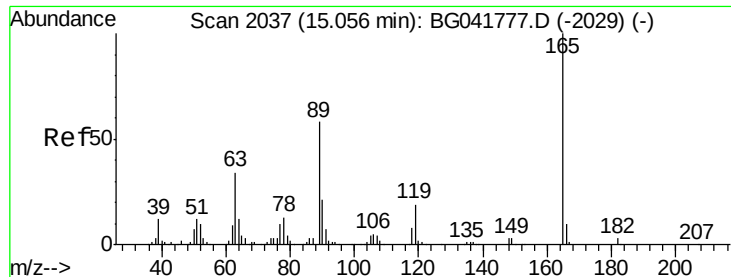
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO



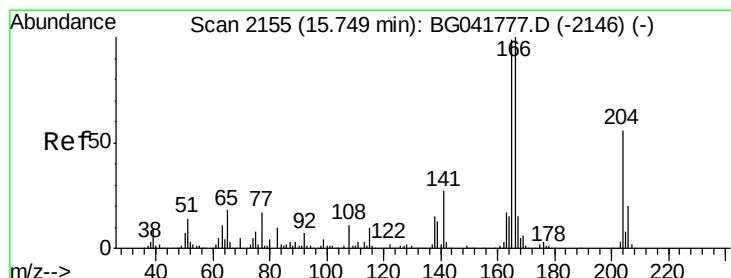
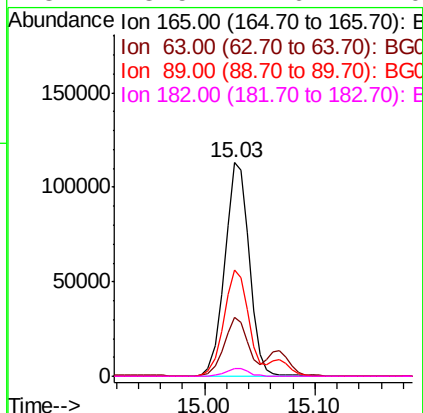
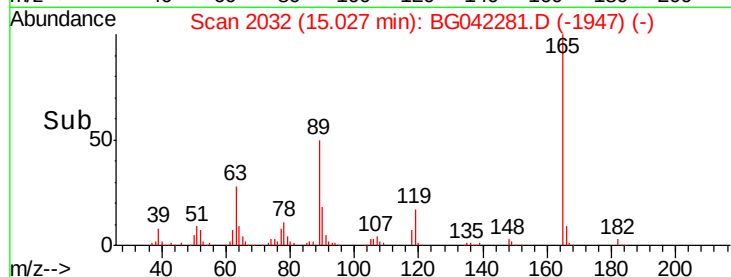
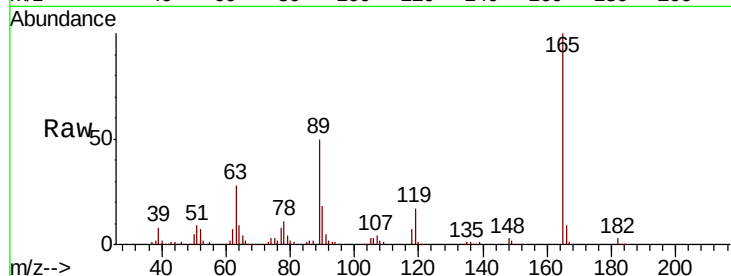




#57  
2,4-Dinitrotoluene  
Concen: 52.090 ng  
RT: 15.03 min Scan# 2032  
Delta R.T. -0.03 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

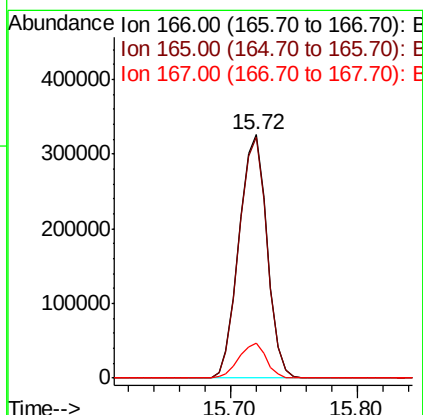
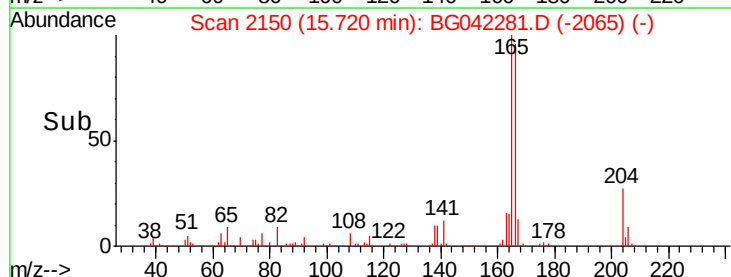
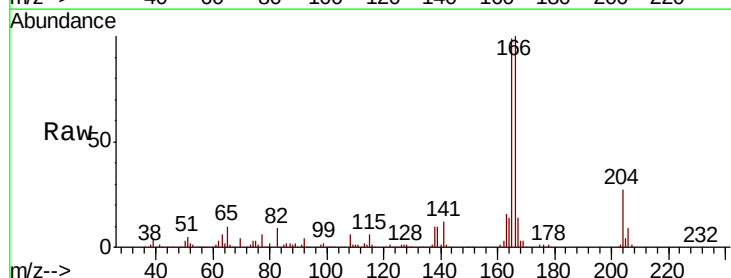
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

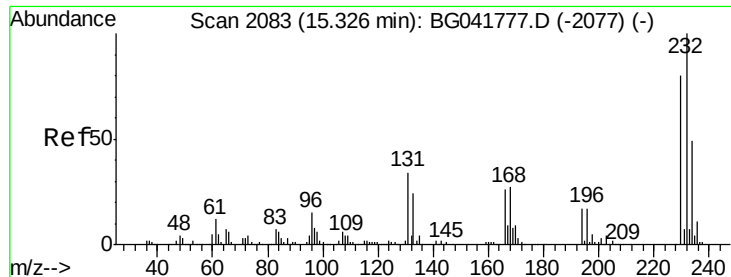
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 27.8  | 31.7  | 47.5# |
| 89      | 50.0  | 50.2  | 75.4# |
| 182     | 3.5   | 2.6   | 4.0   |



#58  
Fluorene  
Concen: 44.656 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. -0.03 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.9  | 80.5  | 120.7 |
| 167     | 14.4  | 12.4  | 18.6  |

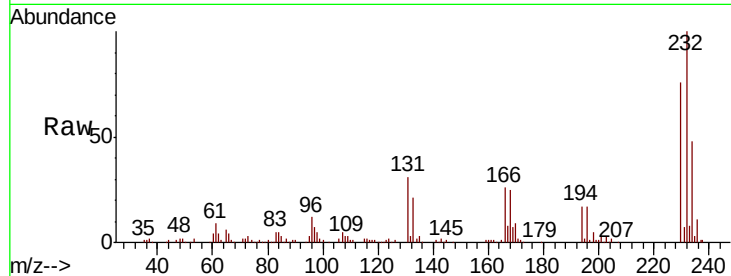




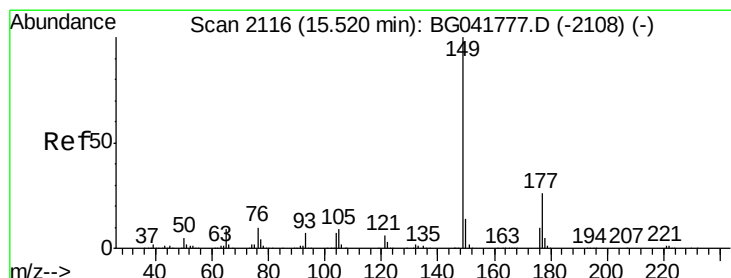
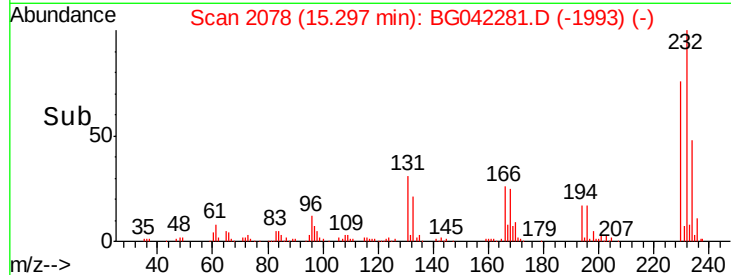
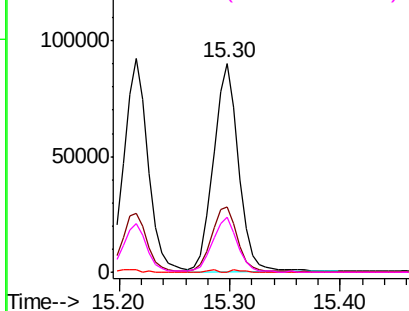
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.980 ng  
 RT: 15.30 min Scan# 2078  
 Delta R.T. -0.03 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 140881 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 32.7  | 31.8  | 47.6   |
| 130      | 0.6   | 1.8   | 2.8#   |
| 166      | 25.8  | 23.5  | 35.3   |

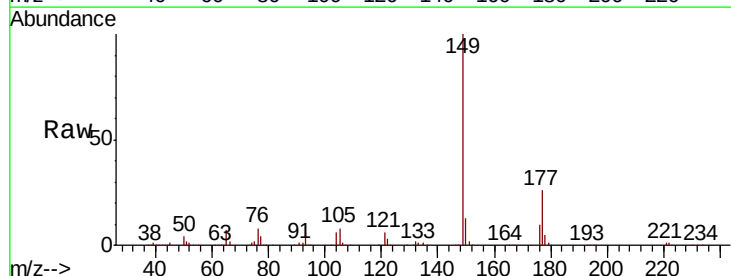


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

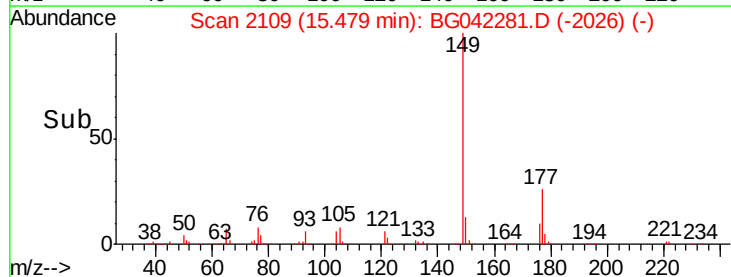
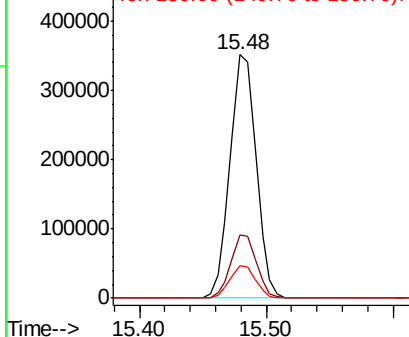


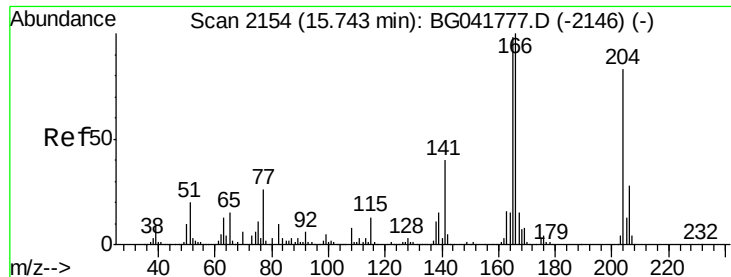
#60  
 Diethylphthalate  
 Concen: 43.713 ng  
 RT: 15.48 min Scan# 2109  
 Delta R.T. -0.04 min  
 Lab File: BG042281.D  
 Acq: 17 Aug 2019 9:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 501572 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 25.8  | 20.7  | 31.1   |
| 150      | 13.4  | 11.5  | 17.3   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

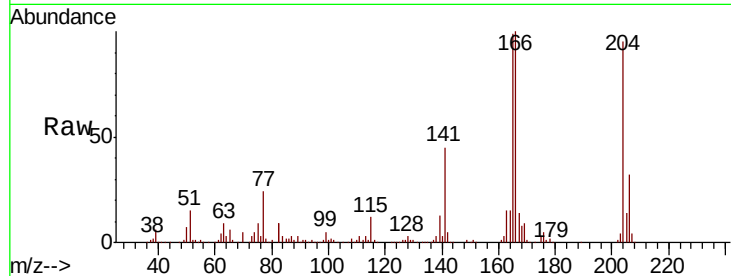




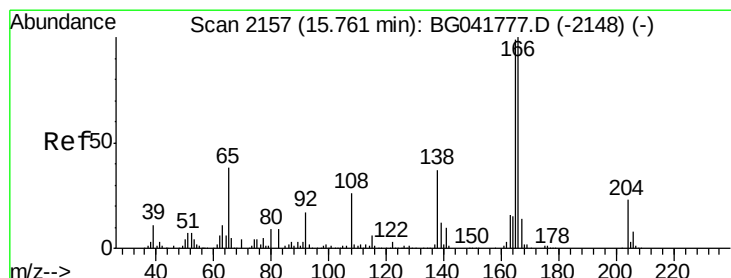
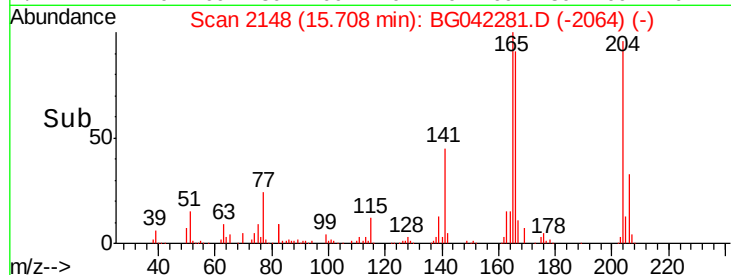
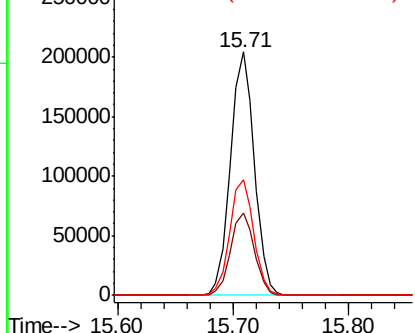
#61  
4-Chlorophenyl-phenylether  
Concen: 42.727 ng  
RT: 15.71 min Scan# 2148  
Delta R.T. -0.04 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Tgt Ion: 204 Resp: 291744  
Ion Ratio Lower Upper  
204 100  
206 34.1 28.6 42.8  
141 47.5 42.9 64.3

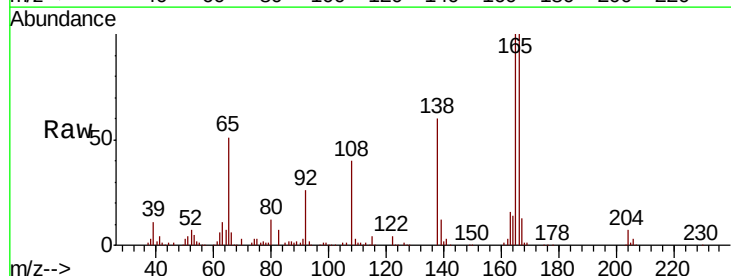


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

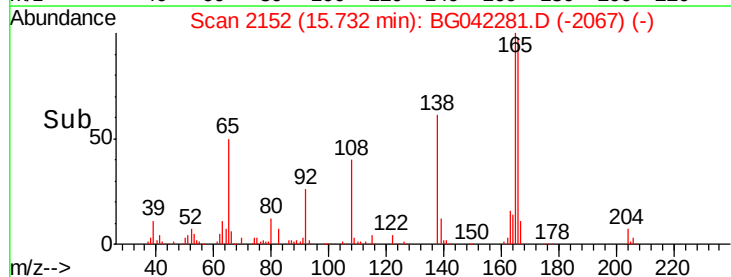
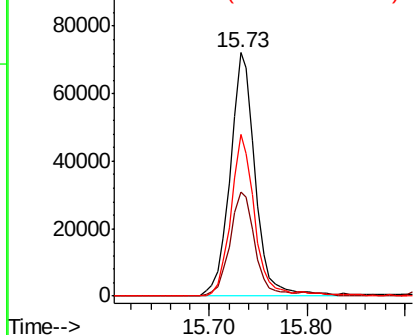


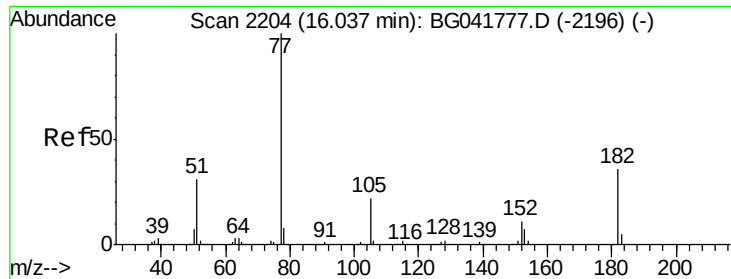
#62  
4-Nitroaniline  
Concen: 45.375 ng  
RT: 15.73 min Scan# 2152  
Delta R.T. -0.03 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Tgt Ion: 138 Resp: 128495  
Ion Ratio Lower Upper  
138 100  
92 42.8 29.8 69.8  
108 66.5 52.2 92.2



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





#63

Azobenzene

Concen: 37.244 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

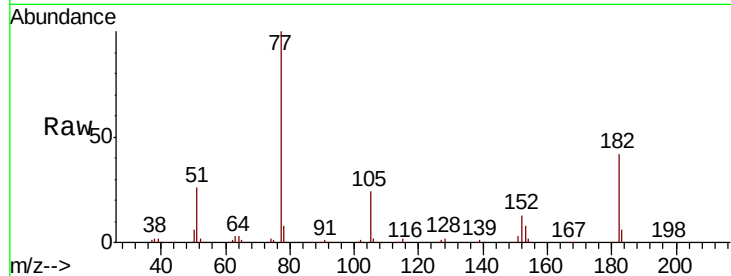
BNA\_G

ClientSampleId :

DFTPP

Tgt Ion: 77 Resp: 349097

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 41.7  | 13.2  | 53.2  |
| 105 | 24.4  | 2.2   | 42.2  |
| 51  | 25.6  | 14.6  | 54.6  |



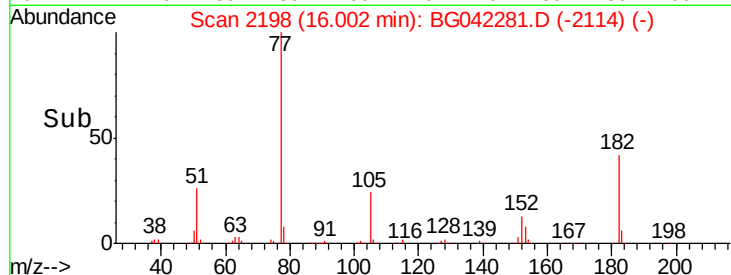
Abundance

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



Time-->

16.00

300000

200000

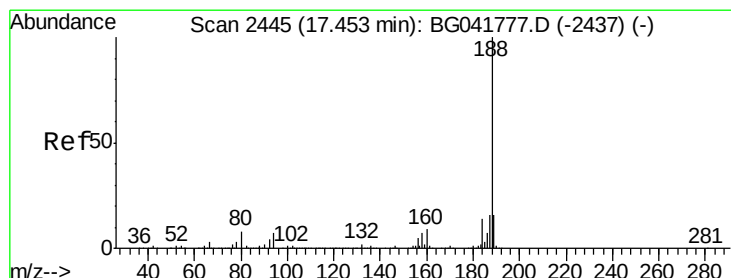
100000

0

15.90

16.00

16.10



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

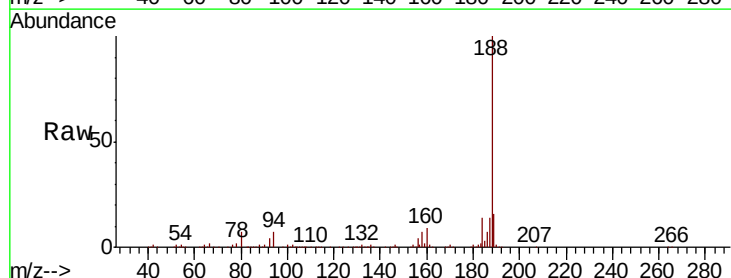
Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Tgt Ion: 188 Resp: 397125

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 6.6   | 6.9   | 10.3# |
| 80  | 7.2   | 8.0   | 12.0# |

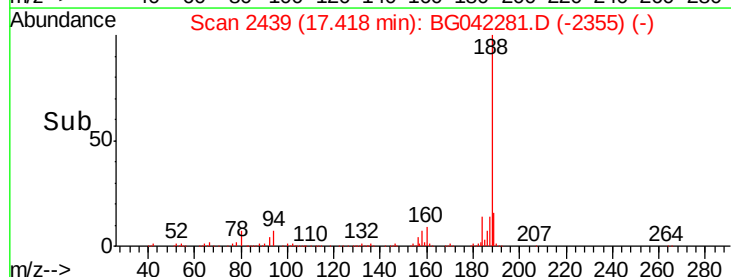


Abundance

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



Time-->

17.42

300000

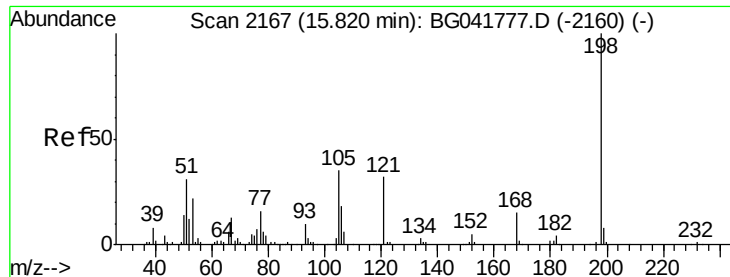
200000

100000

0

17.40

17.50



#65

4,6-Dinitro-2-methylphenol

Concen: 47.491 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.02 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

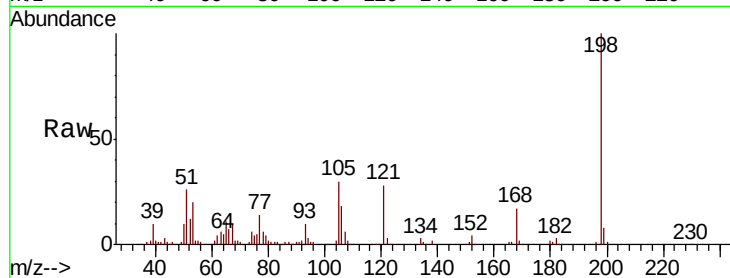
Tgt Ion:198 Resp: 92143

Ion Ratio Lower Upper

198 100

51 25.5 22.3 62.3

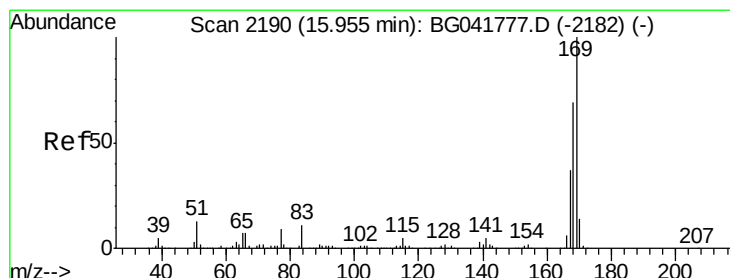
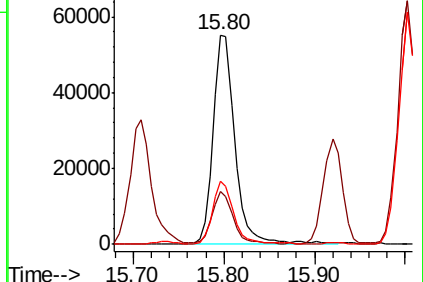
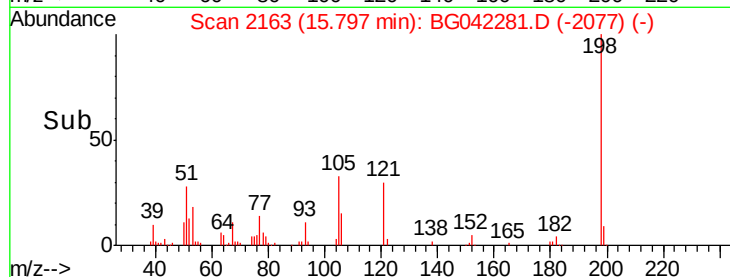
105 30.1 18.0 58.0



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: 42.539 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

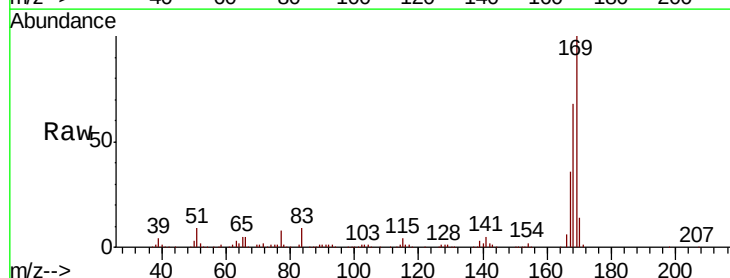
Tgt Ion:169 Resp: 460163

Ion Ratio Lower Upper

169 100

168 68.1 56.9 85.3

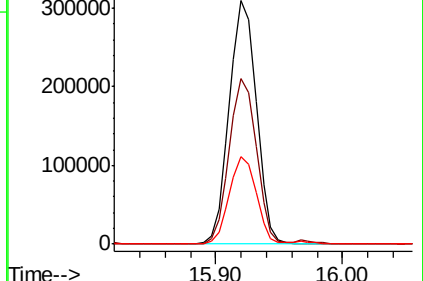
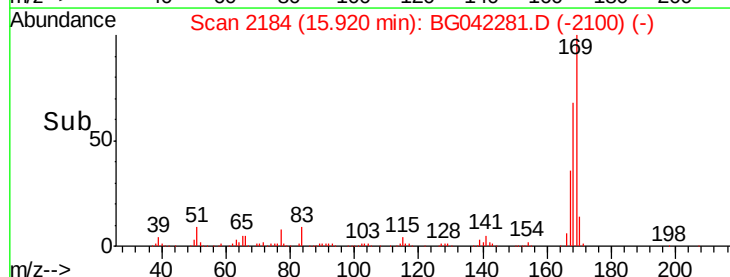
167 35.7 31.5 47.3

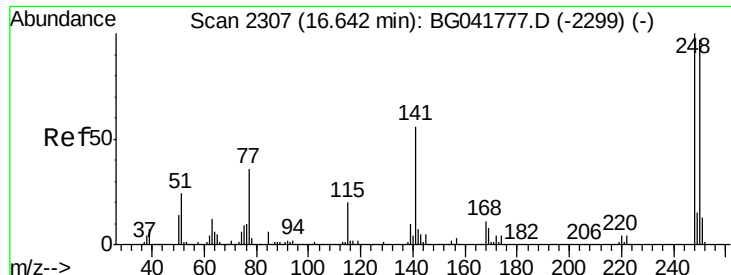


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

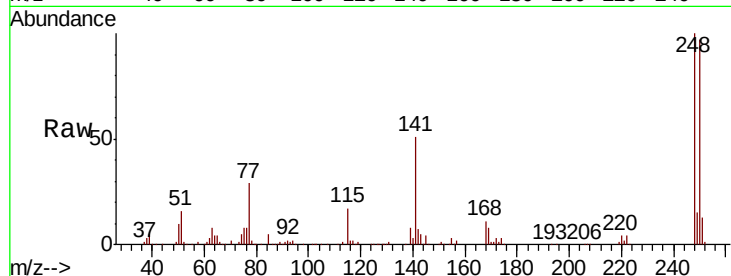




#67  
4-Bromophenyl-phenylether  
Concen: 41.575 ng  
RT: 16.61 min Scan# 2301  
Delta R.T. -0.04 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.7  | 78.1  | 117.1 |
| 141     | 51.3  | 49.6  | 74.4  |

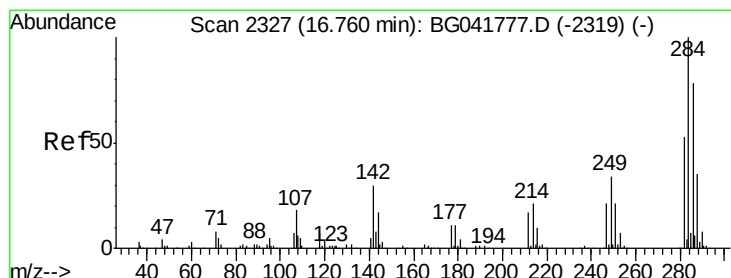
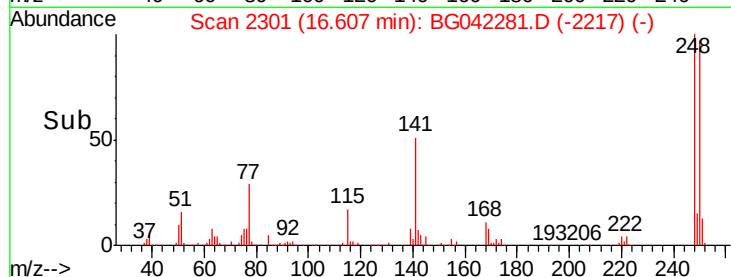
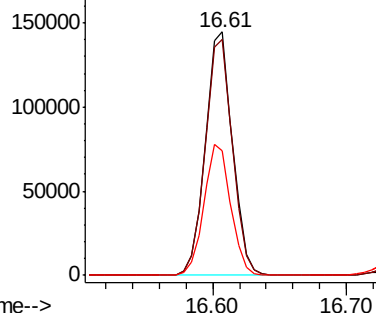


Abundance

Ion 248.00 (247.70 to 248.70): E

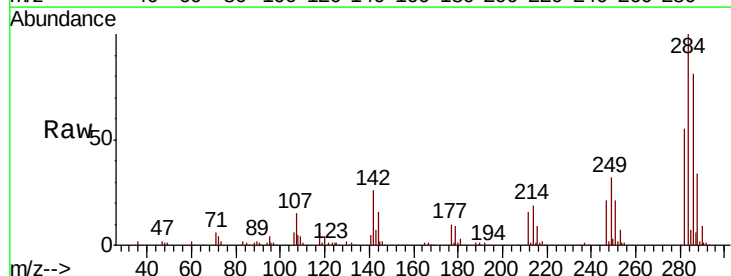
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 42.469 ng  
RT: 16.73 min Scan# 2322  
Delta R.T. -0.03 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 25.9  | 27.0  | 40.6# |
| 249     | 32.2  | 28.4  | 42.6  |

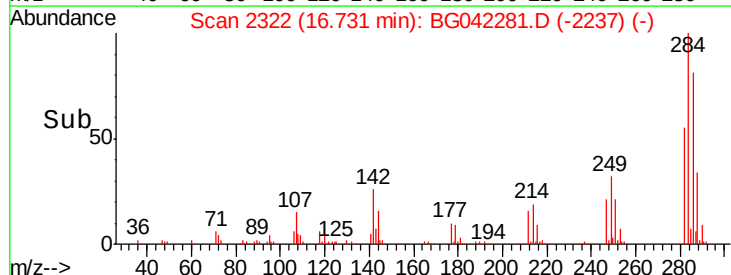
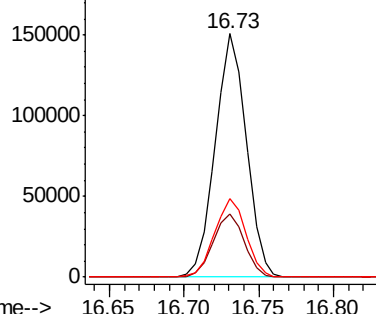


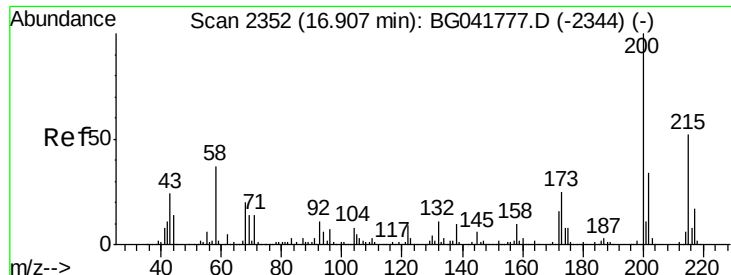
Abundance

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: 9.371 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampled :

DFTPP

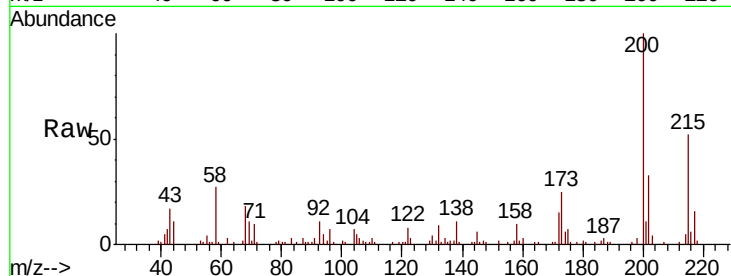
Tgt Ion:200 Resp: 39827

Ion Ratio Lower Upper

200 100

173 25.1 5.3 45.3

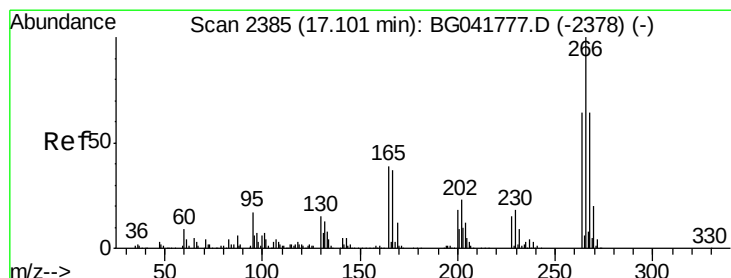
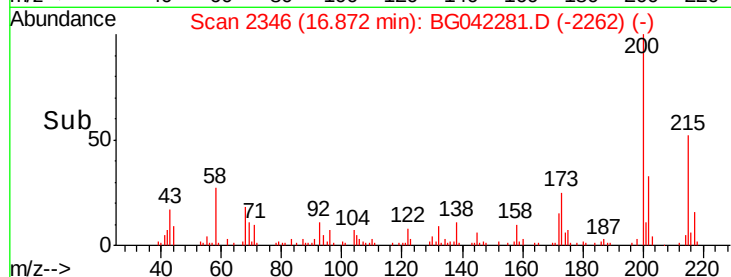
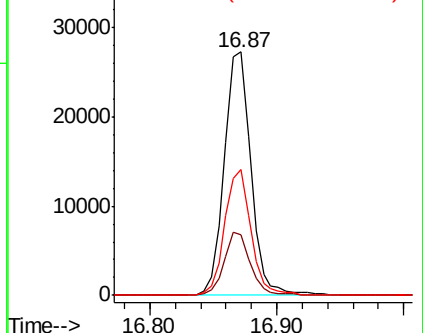
215 51.8 31.8 71.8



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: 34.910 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

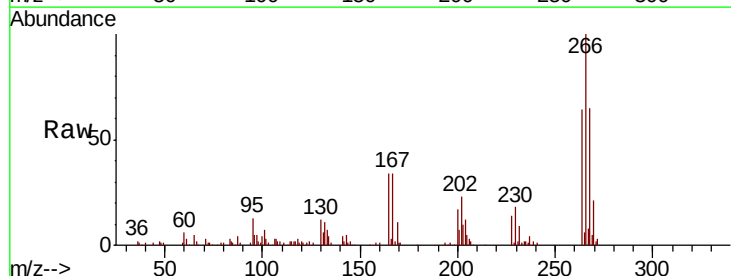
Tgt Ion:266 Resp: 101492

Ion Ratio Lower Upper

266 100

268 64.7 52.9 79.3

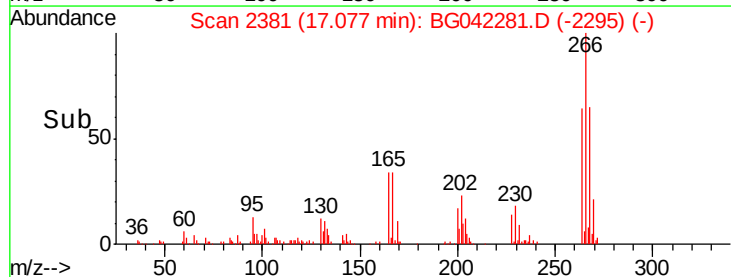
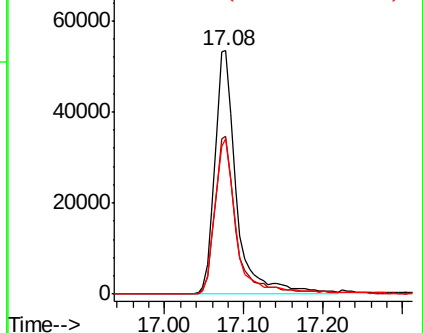
264 63.8 51.4 77.2

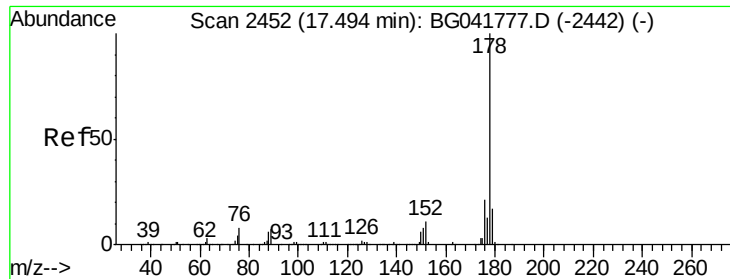


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.135 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

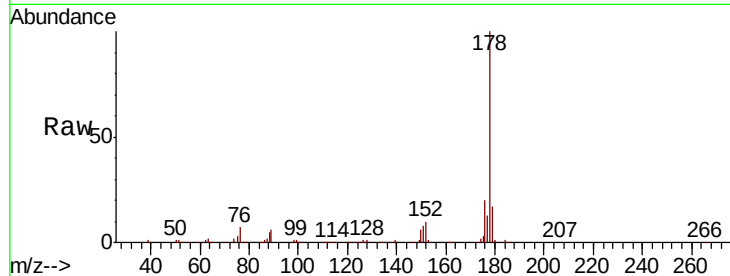
Tgt Ion:178 Resp: 840133

Ion Ratio Lower Upper

178 100

176 20.1 18.6 28.0

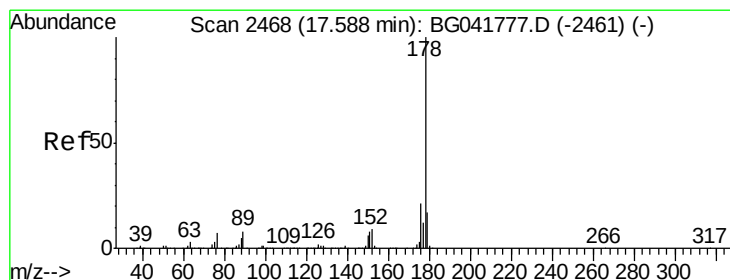
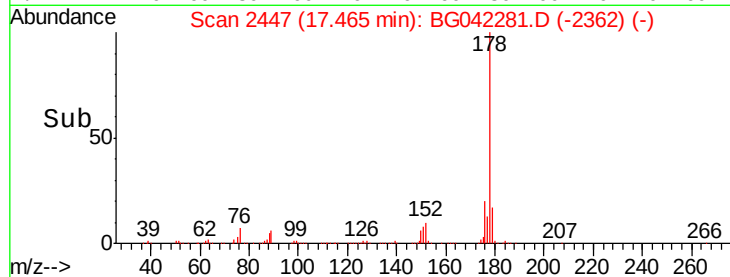
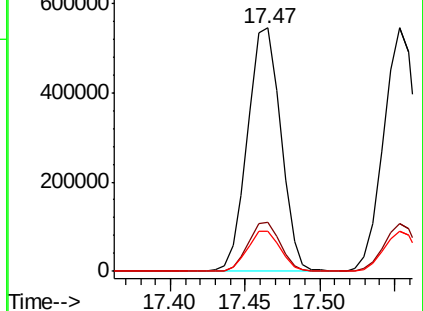
179 16.7 15.4 23.0



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: 44.534 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

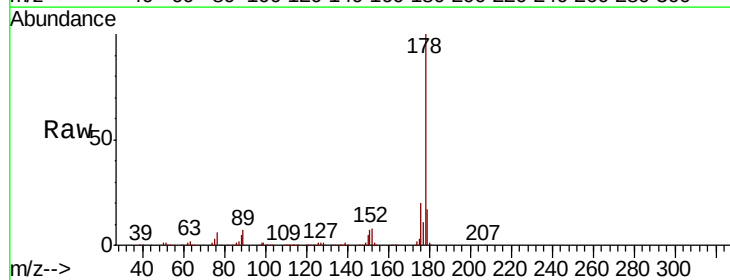
Tgt Ion:178 Resp: 845466

Ion Ratio Lower Upper

178 100

176 19.6 18.6 28.0

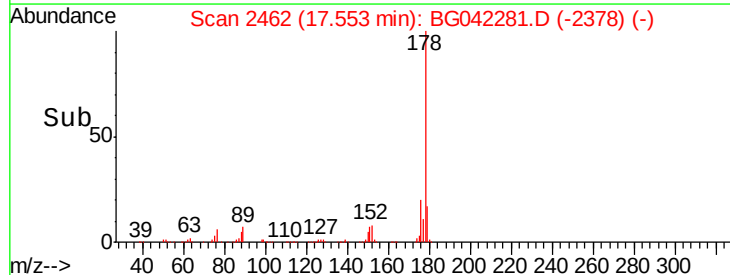
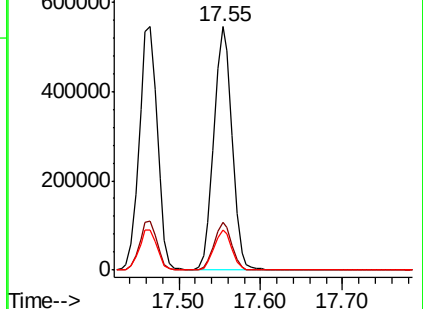
179 16.7 15.1 22.7



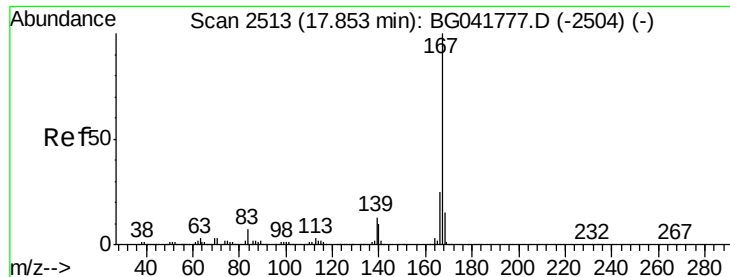
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 44.829 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.03 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

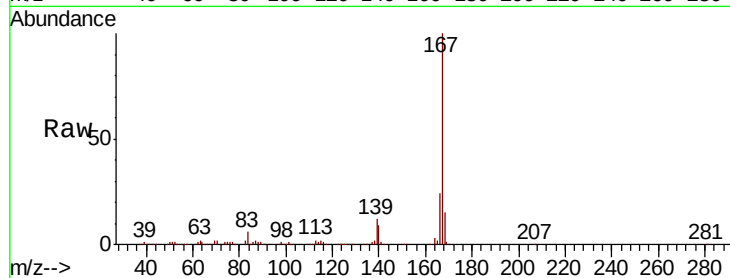
Tgt Ion:167 Resp: 763856

Ion Ratio Lower Upper

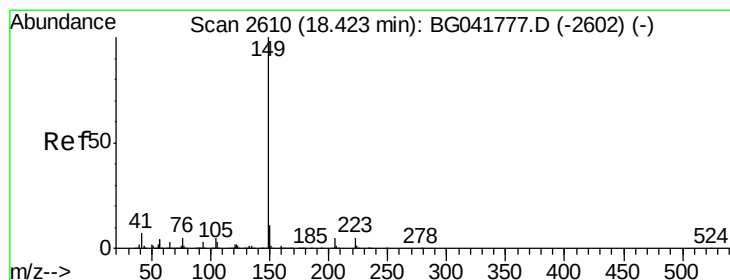
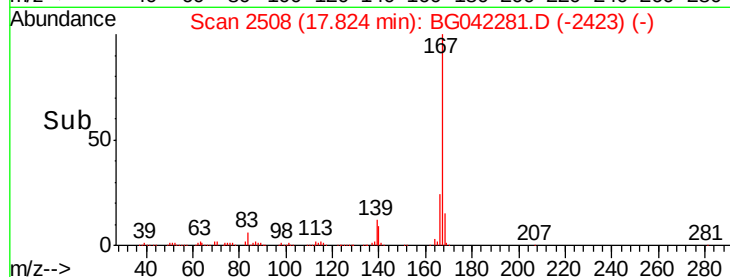
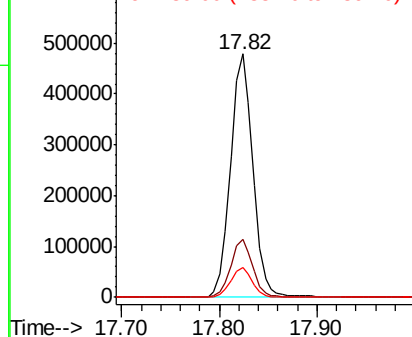
167 100

166 23.7 21.4 32.2

139 12.0 12.1 18.1#



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: 46.318 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

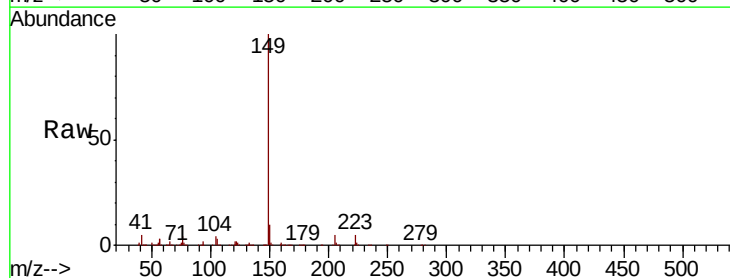
Tgt Ion:149 Resp: 894750

Ion Ratio Lower Upper

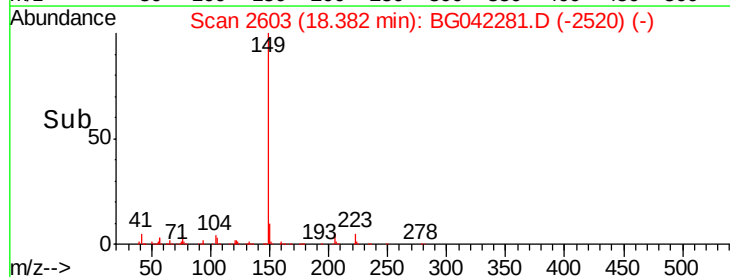
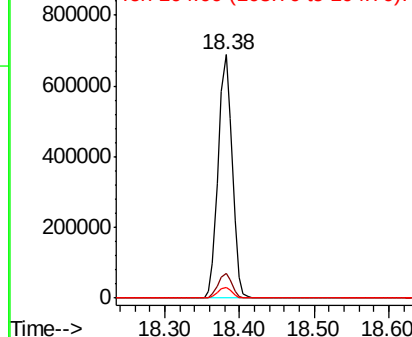
149 100

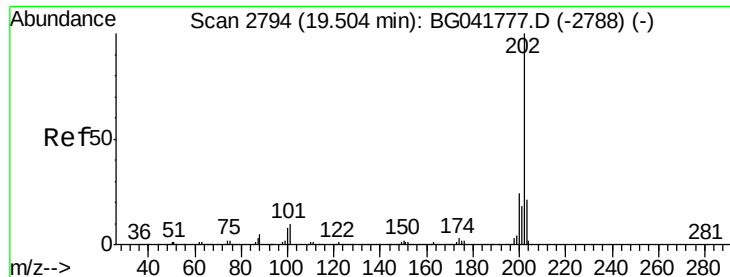
150 10.2 10.2 15.2#

104 4.4 5.3 7.9#



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: 45.835 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.03 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

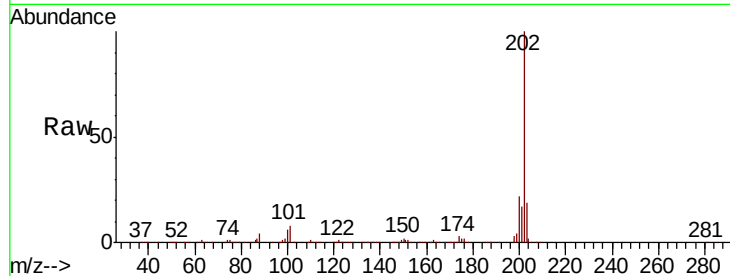
Tgt Ion:202 Resp: 1060532

Ion Ratio Lower Upper

202 100

101 8.4 0.0 32.8

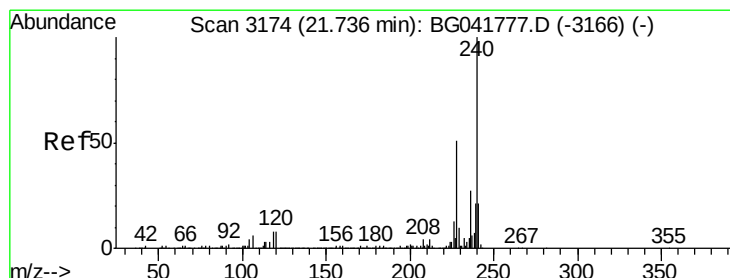
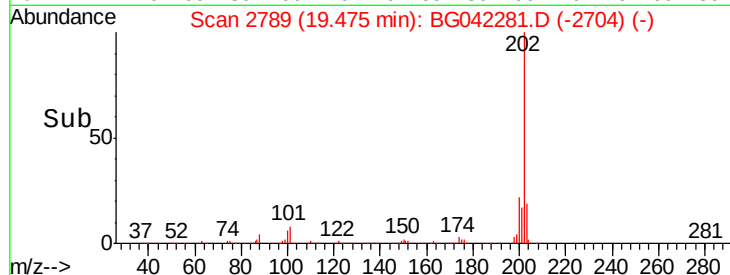
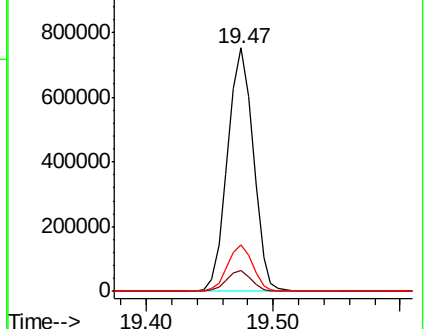
203 19.0 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

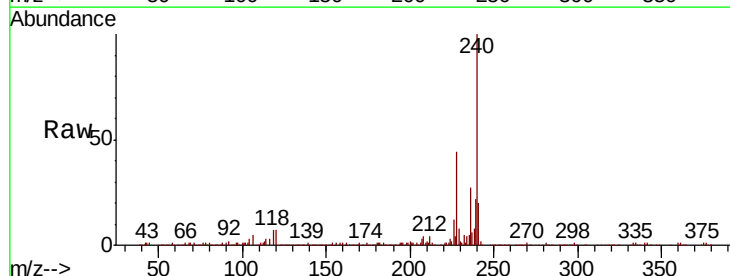
Tgt Ion:240 Resp: 409568

Ion Ratio Lower Upper

240 100

120 7.3 8.0 12.0#

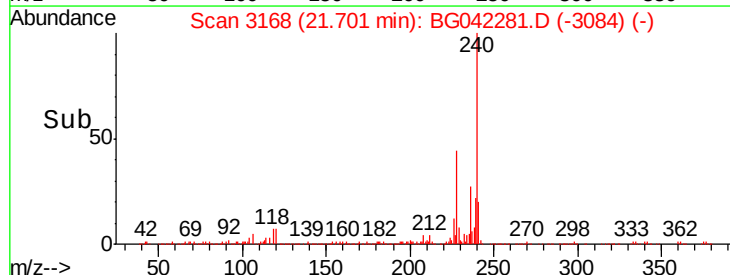
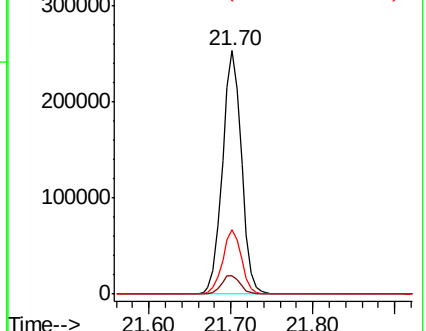
236 26.7 22.6 33.8

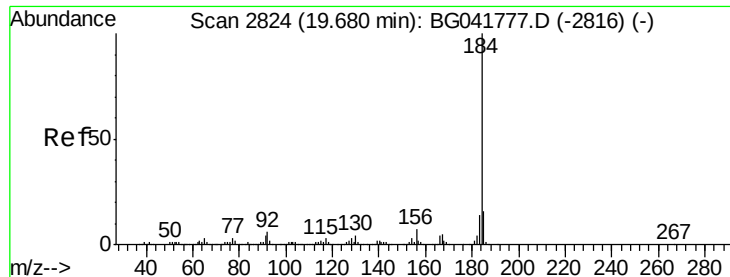


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.769 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.03 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

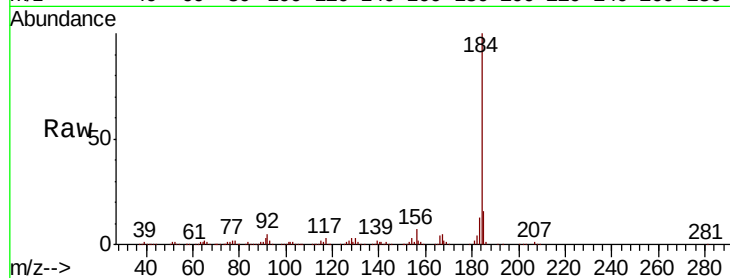
Tgt Ion:184 Resp: 464804

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.4

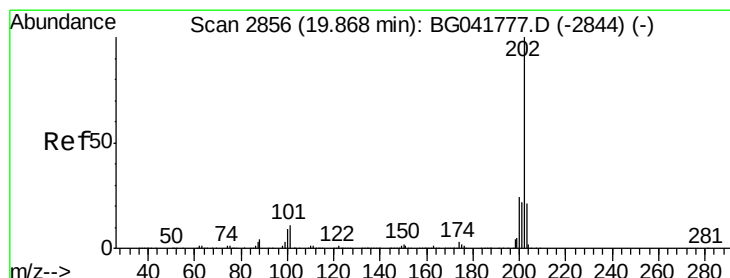
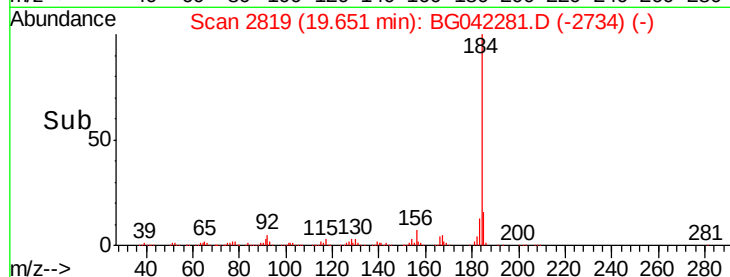
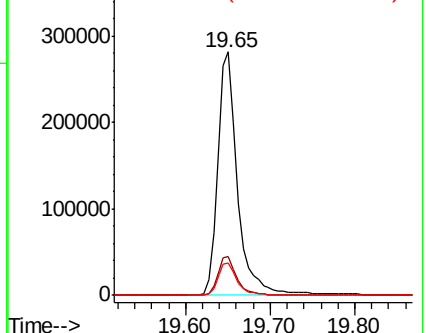
183 13.3 11.8 17.6



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: 43.670 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.03 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

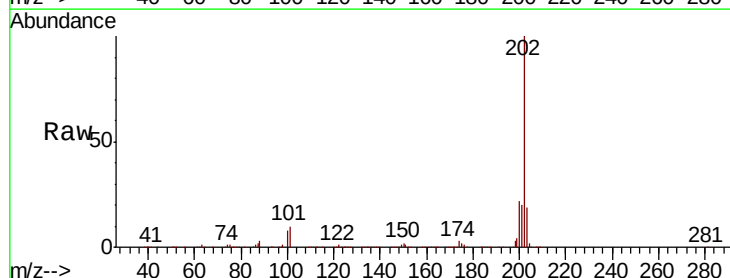
Tgt Ion:202 Resp: 1059719

Ion Ratio Lower Upper

202 100

200 22.5 22.2 33.2

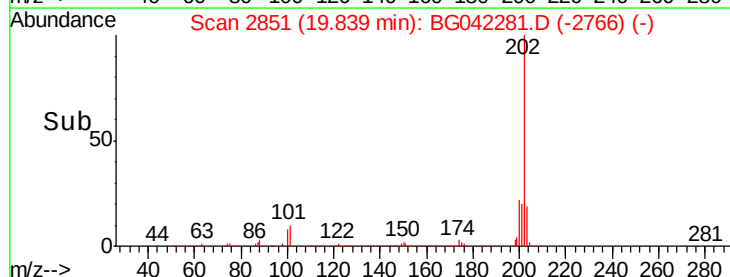
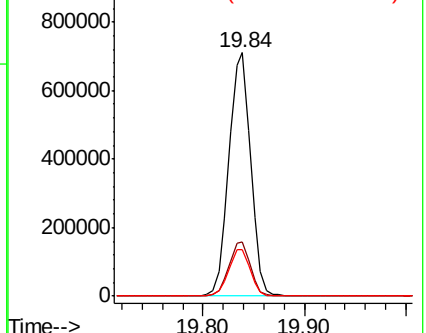
203 19.3 18.9 28.3

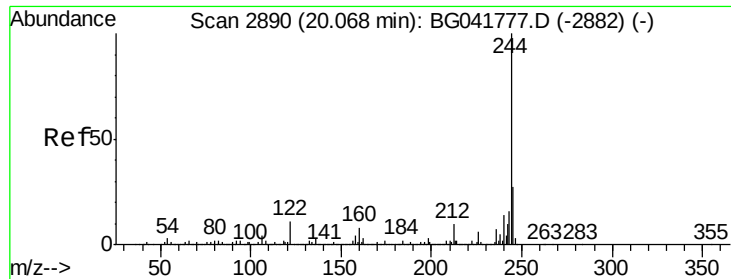


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.947 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

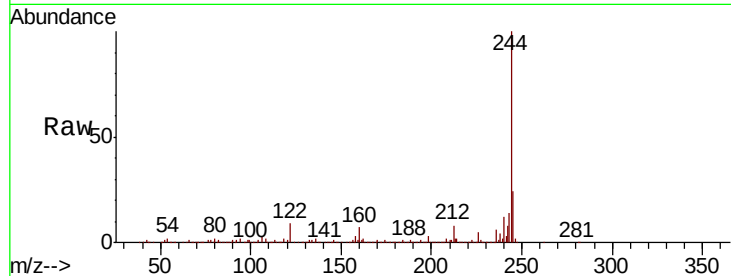
Tgt Ion:244 Resp: 1520431

Ion Ratio Lower Upper

244 100

212 7.8 9.7 14.5#

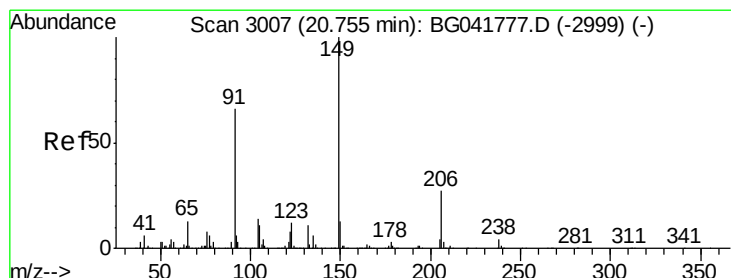
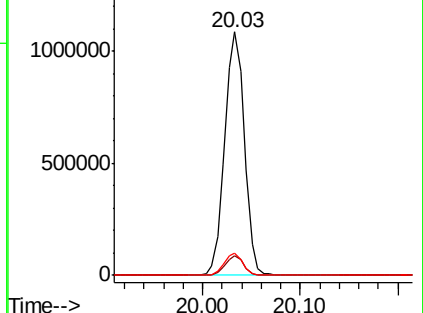
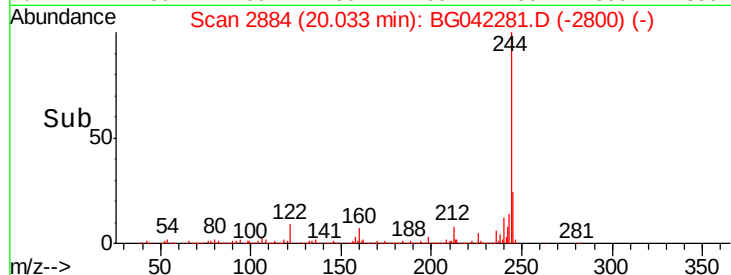
122 9.2 12.5 18.7#



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: 45.065 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

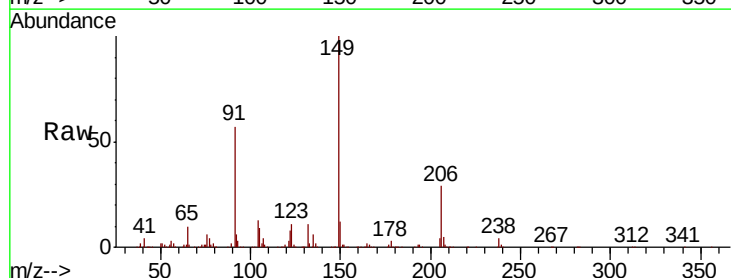
Tgt Ion:149 Resp: 419277

Ion Ratio Lower Upper

149 100

91 56.8 58.9 88.3#

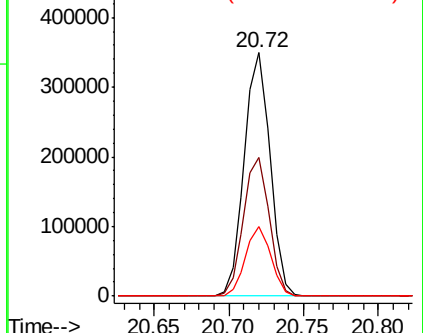
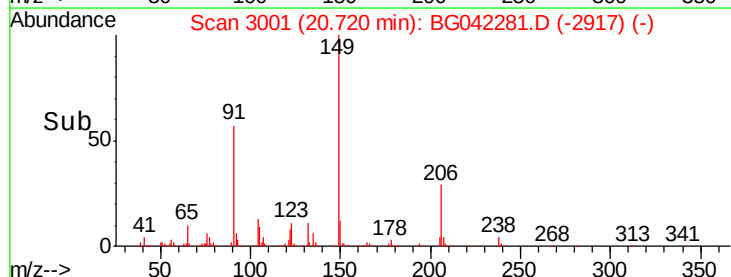
206 28.5 20.8 31.2

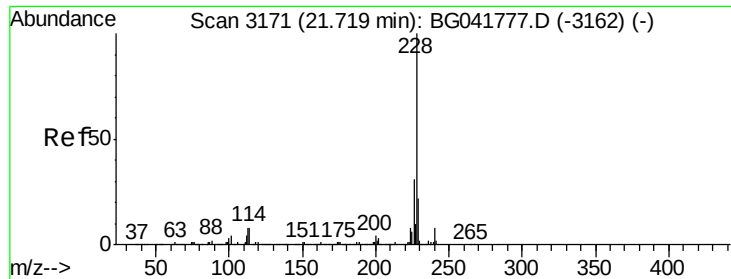


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.866 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

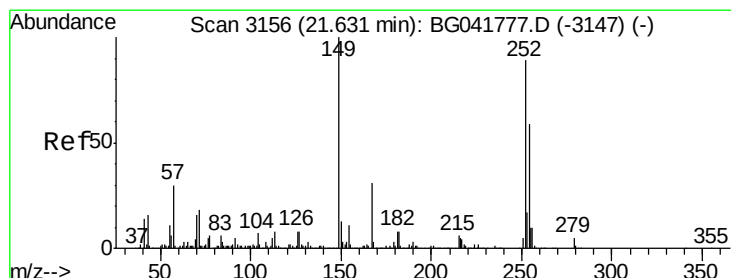
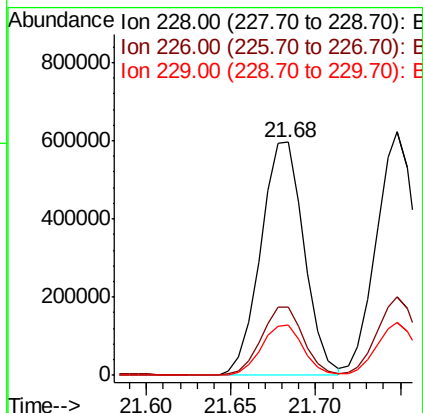
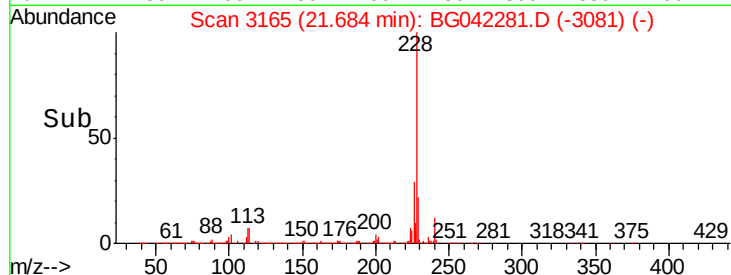
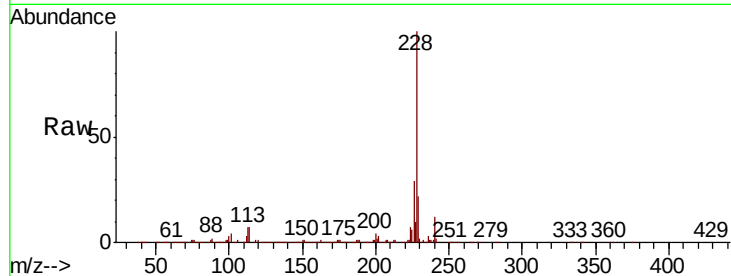
Tgt Ion:228 Resp: 1062957

Ion Ratio Lower Upper

228 100

226 29.2 27.3 40.9

229 21.7 19.7 29.5



#82

3,3'-Dichlorobenzidine

Concen: 42.177 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

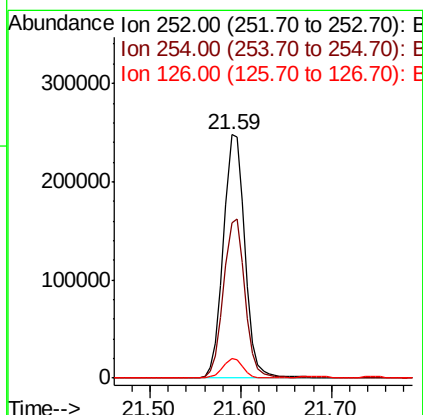
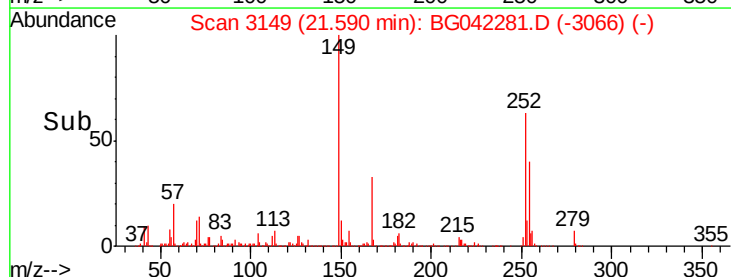
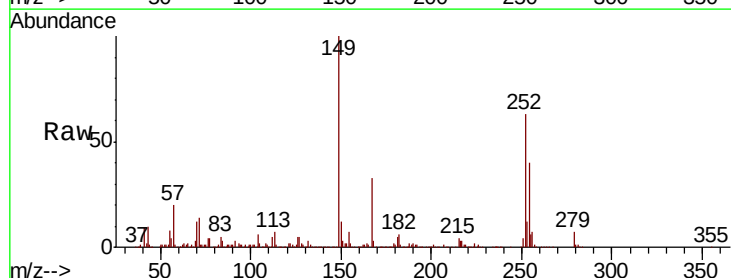
Tgt Ion:252 Resp: 410337

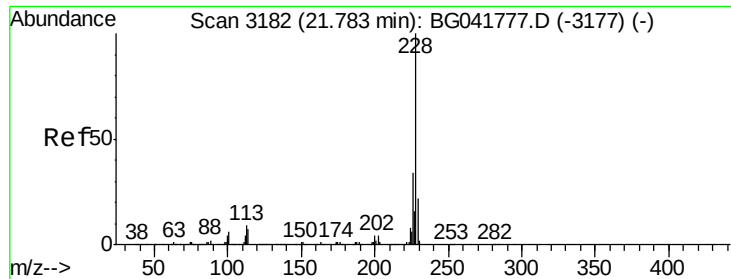
Ion Ratio Lower Upper

252 100

254 63.6 53.8 80.6

126 8.2 7.8 11.8





#83

Chrysene

Concen: 44.184 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.04 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

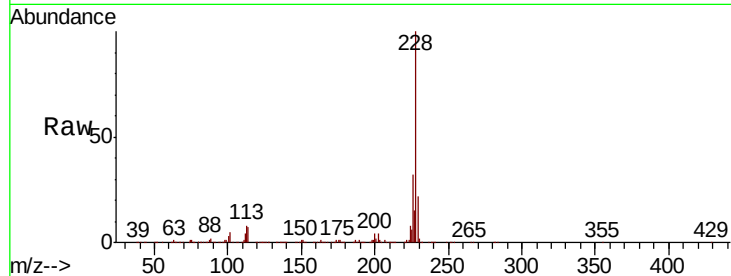
Tgt Ion:228 Resp: 1026301

Ion Ratio Lower Upper

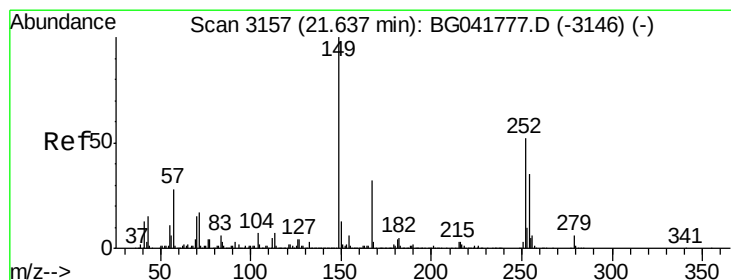
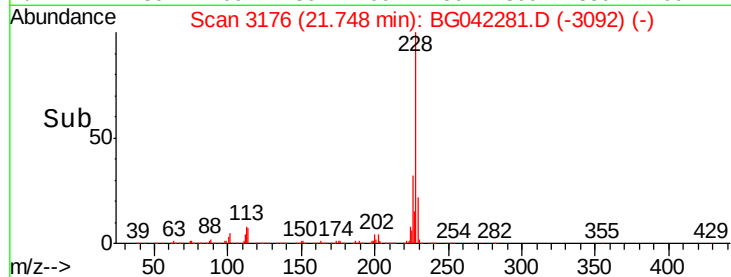
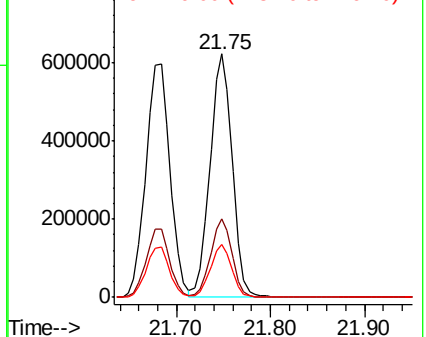
228 100

226 32.2 30.1 45.1

229 21.9 19.8 29.6



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: 45.387 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.05 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

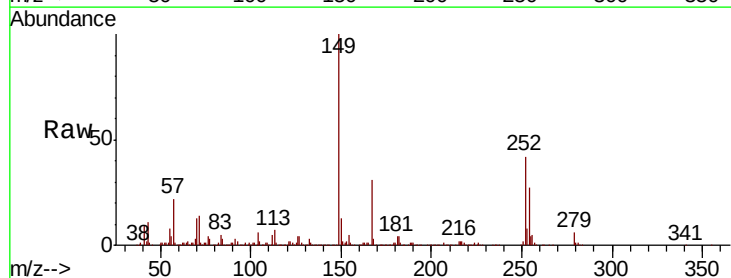
Tgt Ion:149 Resp: 582480

Ion Ratio Lower Upper

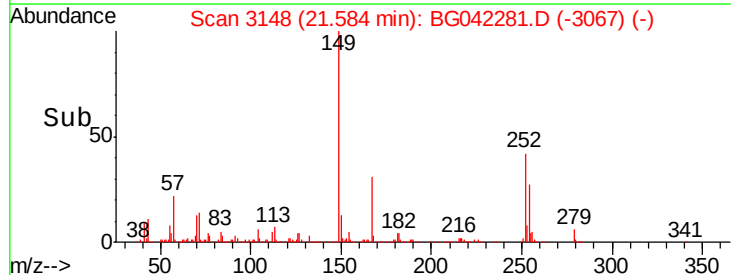
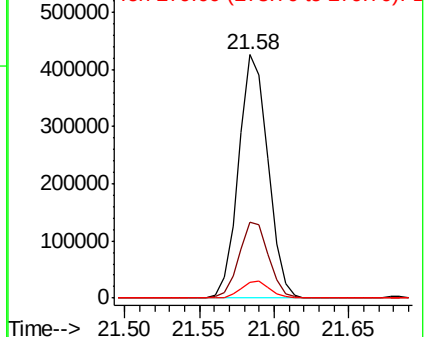
149 100

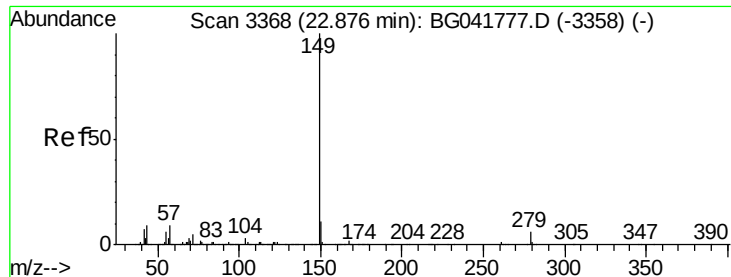
167 31.3 27.0 40.4

279 6.2 5.0 7.6



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

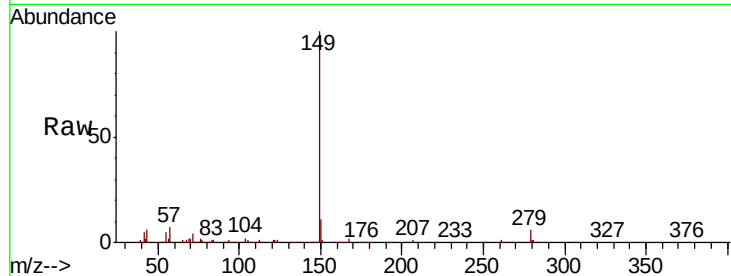




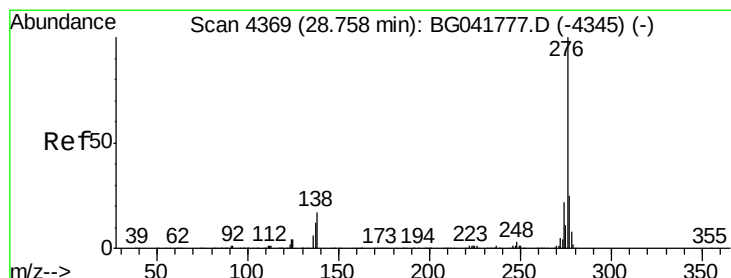
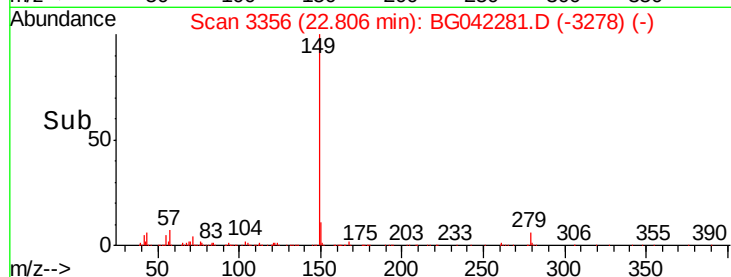
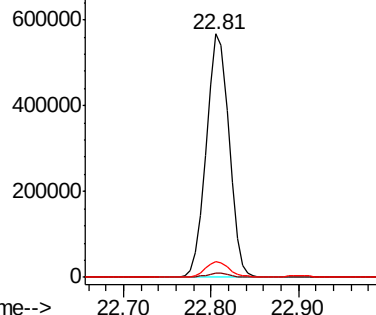
#85  
Di-n-octyl phthalate  
Concen: 45.963 ng  
RT: 22.81 min Scan# 3356  
Delta R.T. -0.07 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Tgt Ion:149 Resp: 992720  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.6 2.4  
43 6.9 10.6 16.0#

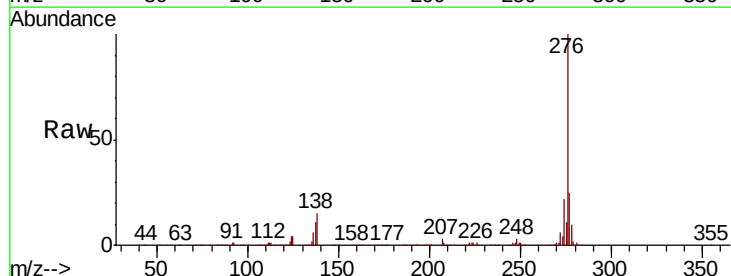


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

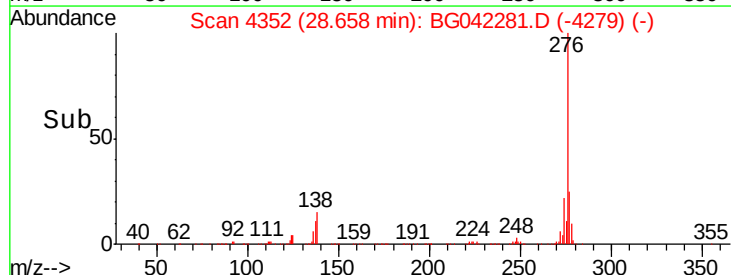
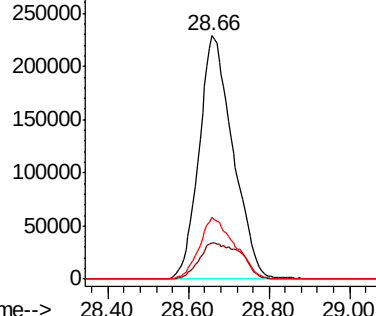


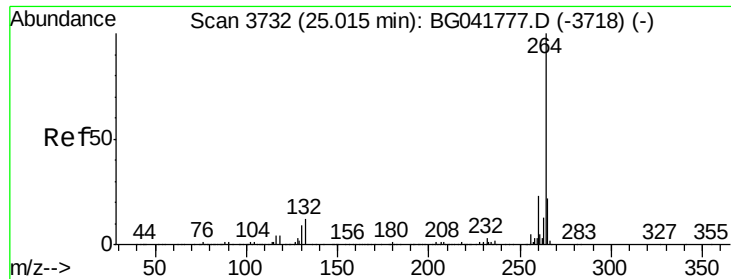
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 43.415 ng  
RT: 28.66 min Scan# 4352  
Delta R.T. -0.10 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Tgt Ion:276 Resp: 1334936  
Ion Ratio Lower Upper  
276 100  
138 18.5 19.4 29.0#  
277 26.5 21.2 31.8



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



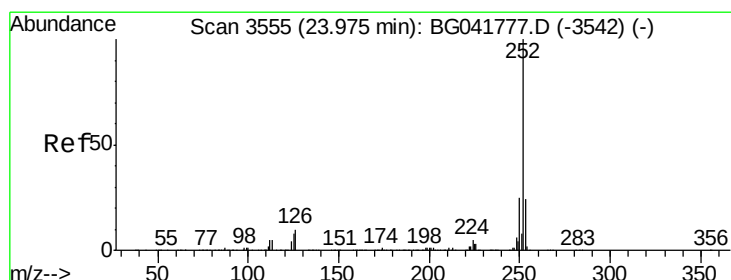
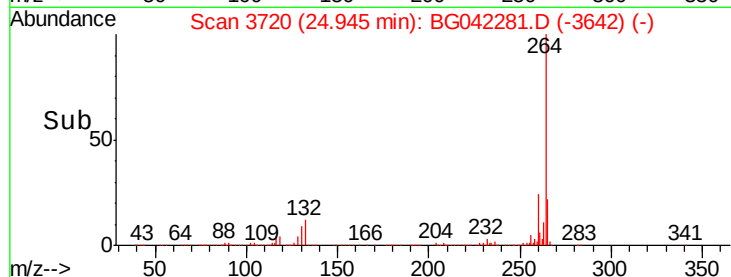
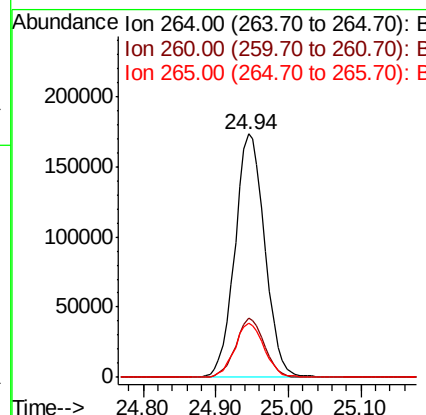
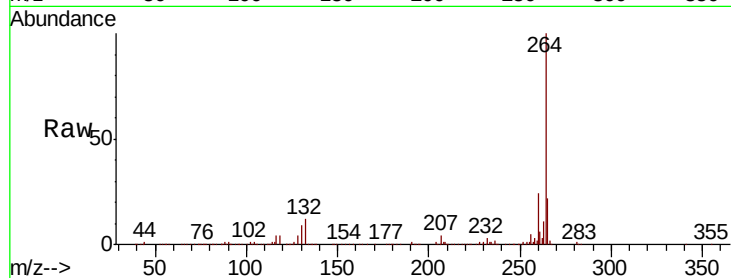


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.94 min Scan# 3720  
Delta R.T. -0.07 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Tgt Ion: 264 Resp: 493696  

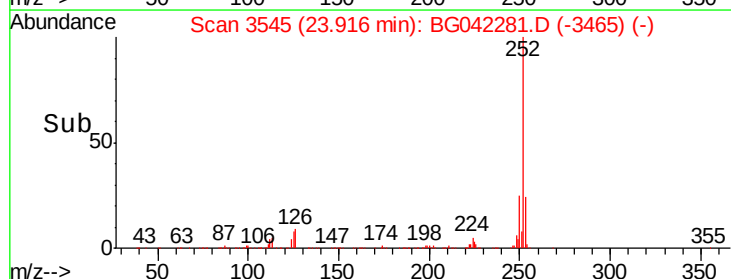
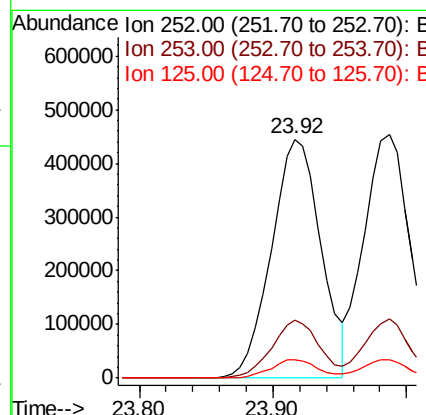
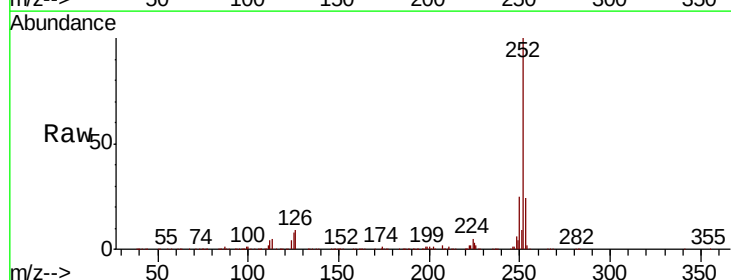
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 19.5  | 29.3  |
| 265 | 22.5  | 18.0  | 27.0  |



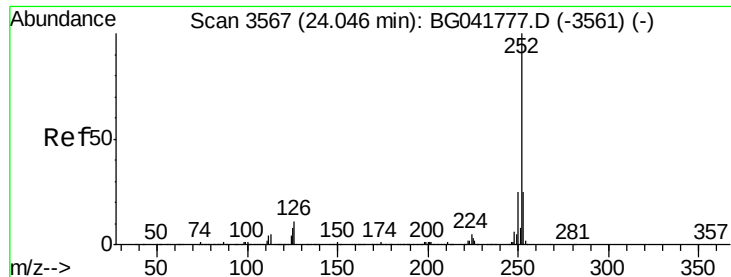
#88  
Benzo(b)fluoranthene  
Concen: 42.572 ng  
RT: 23.92 min Scan# 3545  
Delta R.T. -0.06 min  
Lab File: BG042281.D  
Acq: 17 Aug 2019 9:03

Tgt Ion: 252 Resp: 1149768  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.1  | 20.6  | 30.8  |
| 125 | 7.7   | 8.0   | 12.0# |







#89

Benzo(k)fluoranthene

Concen: 41.225 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.06 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

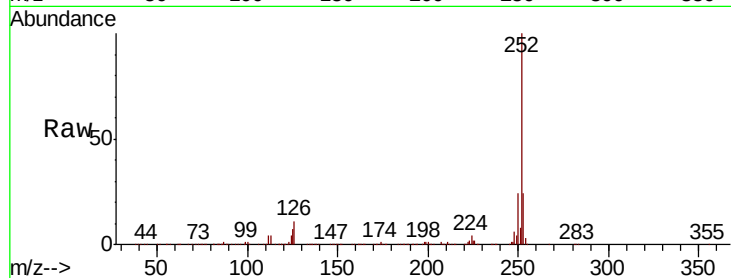
Tgt Ion:252 Resp: 1084532

Ion Ratio Lower Upper

252 100

253 24.2 20.5 30.7

125 7.4 8.4 12.6#

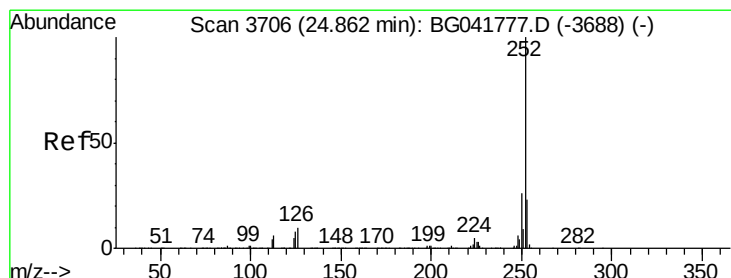
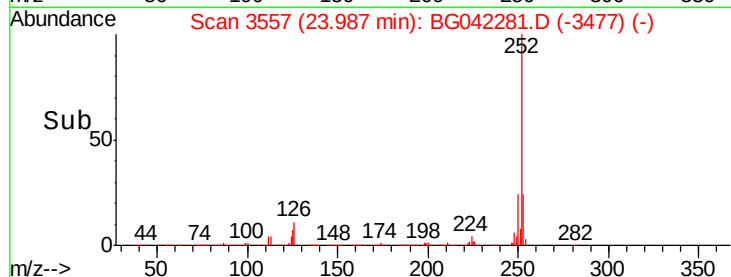
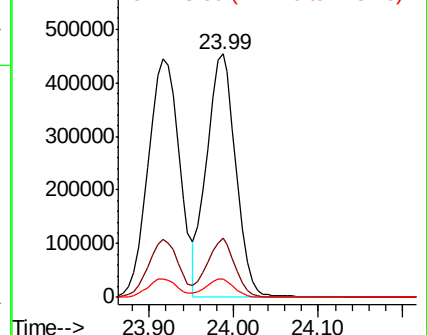


Abundance

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



#90

Benzo(a)pyrene

Concen: 41.864 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.06 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

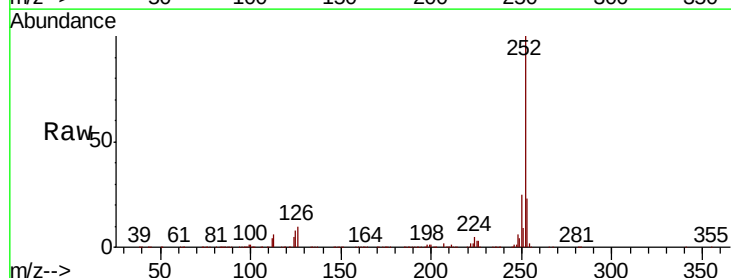
Tgt Ion:252 Resp: 1084354

Ion Ratio Lower Upper

252 100

253 22.8 19.8 29.8

125 8.4 8.8 13.2#

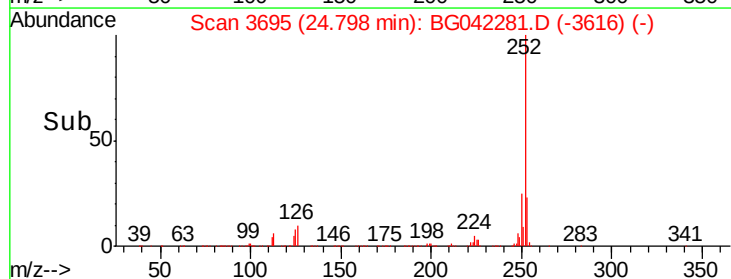
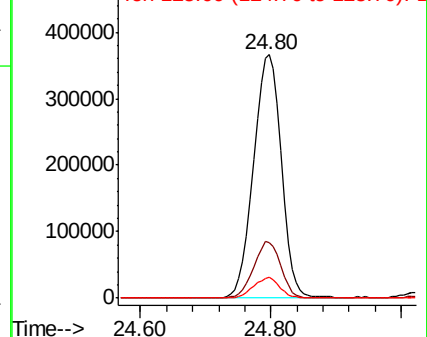


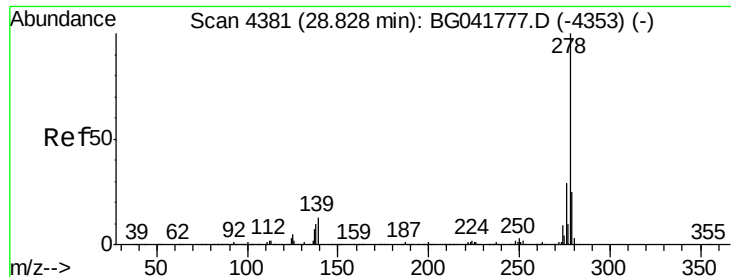
Abundance

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





#91

Dibenzo(a,h)anthracene

Concen: 42.422 ng

RT: 28.73 min Scan# 4364

Delta R.T. -0.10 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

Instrument :

BNA\_G

ClientSampleId :

DFTPP

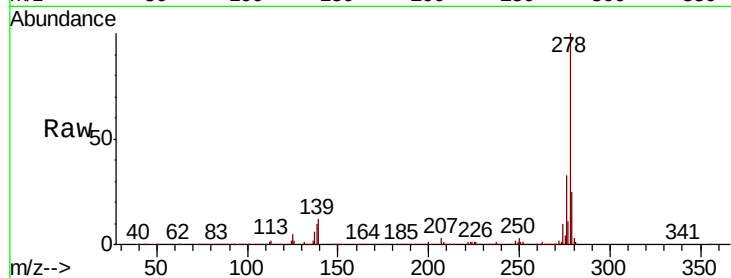
Tgt Ion:278 Resp: 1078945

Ion Ratio Lower Upper

278 100

139 11.9 12.6 19.0#

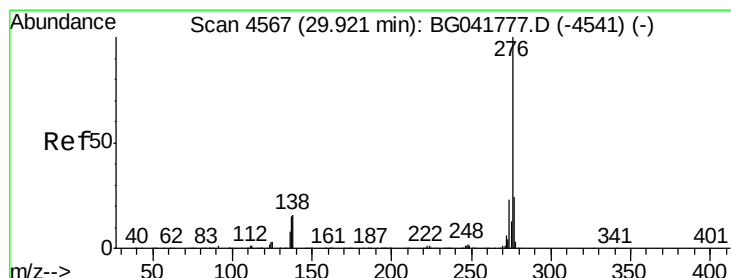
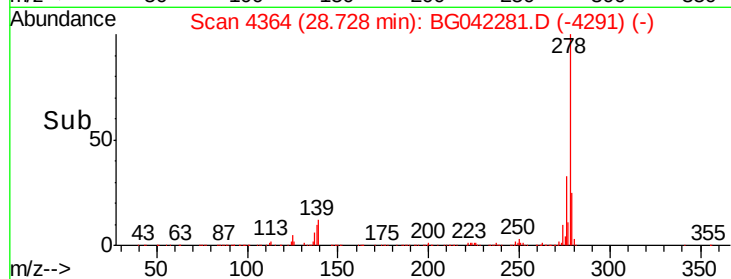
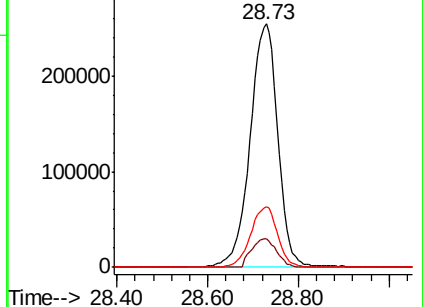
279 24.9 20.5 30.7



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: 42.745 ng

RT: 29.82 min Scan# 4550

Delta R.T. -0.10 min

Lab File: BG042281.D

Acq: 17 Aug 2019 9:03

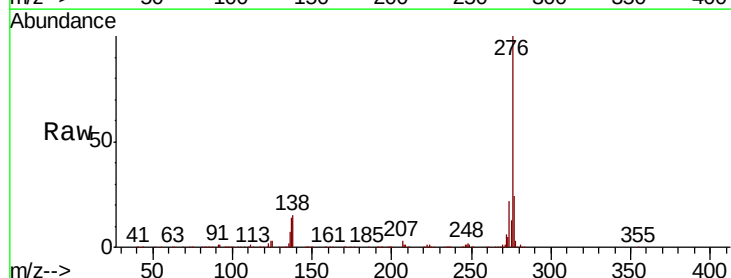
Tgt Ion:276 Resp: 1086158

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 15.0 16.6 25.0#



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

