

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\  
 Data File : BG046458.D  
 Acq On : 26 Aug 2020 17:50  
 Operator : CG/JU  
 Sample : PB131215BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131215BS

Quant Time: Aug 26 18:38:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 25 18:00:34 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.93  | 152  | 62605    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.73 | 136  | 271055   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.57 | 164  | 195481   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.31 | 188  | 503126   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.56 | 240  | 530409   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.66 | 264  | 567046   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 415011  | 117.41 | ng | 0.00 |
| 7) Phenol-d6             | 7.10  | 99  | 546325  | 109.03 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.09  | 82  | 345375  | 72.83  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.06 | 330 | 286017  | 107.99 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.18 | 172 | 936885  | 73.16  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.92 | 244 | 1734156 | 69.58  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.42  | 88  | 44291  | 30.119 | ng | 98     |
| 3) Pyridine                    | 3.81  | 79  | 110970 | 25.792 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.72  | 42  | 65150  | 41.056 | ng | 97     |
| 6) Aniline                     | 7.26  | 93  | 232977 | 41.319 | ng | 99     |
| 8) 2-Chlorophenol              | 7.50  | 128 | 175727 | 47.039 | ng | 99     |
| 9) Benzaldehyde                | 7.07  | 77  | 97801  | 34.838 | ng | 97     |
| 10) Phenol                     | 7.13  | 94  | 218573 | 47.360 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.35  | 93  | 153567 | 41.396 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.83  | 146 | 185767 | 39.166 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.97  | 146 | 187583 | 39.504 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.28  | 146 | 184958 | 40.623 | ng | 99     |
| 15) Benzyl Alcohol             | 8.17  | 79  | 149816 | 46.570 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.46  | 45  | 228755 | 39.755 | ng | 100    |
| 17) 2-Methylphenol             | 8.38  | 107 | 154729 | 47.274 | ng | 98     |
| 18) Hexachloroethane           | 9.01  | 117 | 62317  | 38.706 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.74  | 70  | 130219 | 43.447 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.71  | 107 | 212763 | 47.096 | ng | 100    |
| 22) Acetophenone               | 8.75  | 105 | 253272 | 38.386 | ng | 99     |
| 24) Nitrobenzene               | 9.13  | 77  | 184958 | 39.477 | ng | 99     |
| 25) Isophorone                 | 9.65  | 82  | 364784 | 41.955 | ng | 98     |
| 26) 2-Nitrophenol              | 9.84  | 139 | 102290 | 41.380 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.91  | 122 | 172455 | 50.723 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.13 | 93  | 217853 | 38.928 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.38 | 162 | 196318 | 43.314 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.59 | 180 | 202430 | 37.642 | ng | 99     |
| 31) Naphthalene                | 10.78 | 128 | 533330 | 40.298 | ng | 100    |
| 32) Benzoic acid               | 10.04 | 122 | 75072  | 33.707 | ng | 99     |
| 33) 4-Chloroaniline            | 10.89 | 127 | 185060 | 31.711 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.08 | 225 | 121798 | 34.889 | ng | 99     |
| 35) Caprolactam                | 11.65 | 113 | 37032  | 21.858 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.02 | 107 | 201678 | 45.495 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.39 | 142 | 428761 | 41.078 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.61 | 142 | 410766 | 41.546 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 254061 | 39.412 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\  
 Data File : BG046458.D  
 Acq On : 26 Aug 2020 17:50  
 Operator : CG/JU  
 Sample : PB131215BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131215BS

Quant Time: Aug 26 18:38:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 25 18:00:34 2020  
 Response via : Initial Calibration

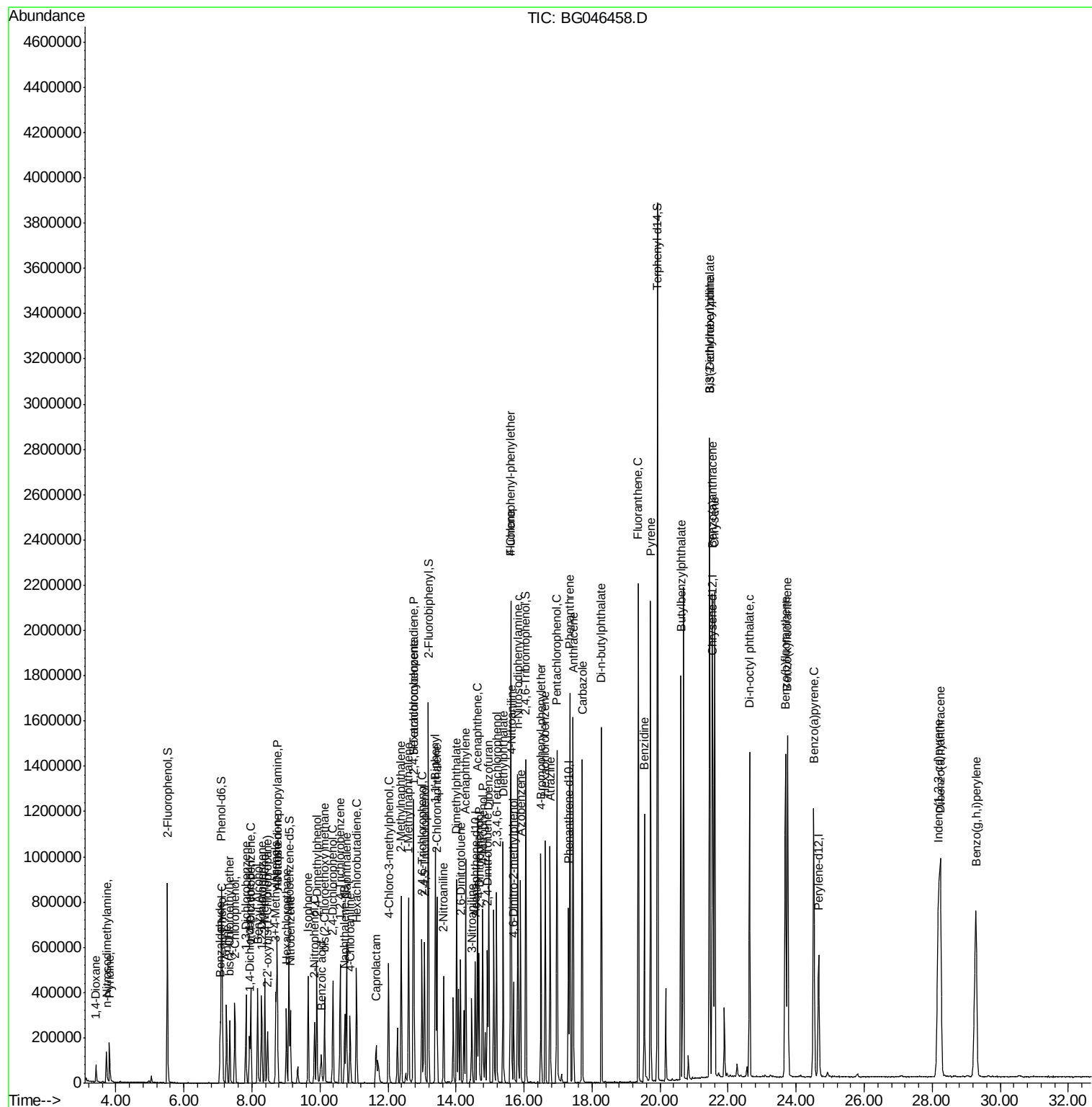
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.74 | 237  | 295750   | 105.513 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.00 | 196  | 184233   | 42.351  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.07 | 196  | 201019   | 43.982  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.40 | 154  | 565950   | 41.613  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.44 | 162  | 445705   | 38.652  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.64 | 65   | 131658   | 41.118  | ng    | 98       |
| 49) Acenaphthylene             | 14.28 | 152  | 749640   | 42.856  | ng    | 99       |
| 50) Dimethylphthalate          | 14.02 | 163  | 626187   | 41.405  | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.13 | 165  | 145800   | 43.735  | ng    | 97       |
| 52) Acenaphthene               | 14.63 | 154  | 445510   | 41.101  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.47 | 138  | 117425   | 32.518  | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.68 | 184  | 172144   | 88.464  | ng    | 98       |
| 55) Dibenzofuran               | 14.96 | 168  | 738973   | 42.480  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.79 | 139  | 254076   | 95.603  | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 14.92 | 165  | 211210   | 44.433  | ng    | 99       |
| 58) Fluorene                   | 15.61 | 166  | 614860   | 42.113  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.19 | 232  | 203382   | 45.824  | ng    | 98       |
| 60) Diethylphthalate           | 15.38 | 149  | 622514   | 42.218  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.61 | 204  | 331706   | 41.252  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.63 | 138  | 158352   | 41.559  | ng    | 99       |
| 63) Azobenzene                 | 15.90 | 77   | 520508   | 43.396  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.69 | 198  | 135404   | 47.548  | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.82 | 169  | 570800   | 42.053  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.50 | 248  | 238762   | 40.676  | ng    | 97       |
| 68) Hexachlorobenzene          | 16.62 | 284  | 256141   | 39.401  | ng    | 98       |
| 69) Atrazine                   | 16.77 | 200  | 221773   | 40.051  | ng    | 100      |
| 70) Pentachlorophenol          | 16.97 | 266  | 319681   | 94.121  | ng    | 100      |
| 71) Phenanthrene               | 17.35 | 178  | 1066212  | 41.809  | ng    | 99       |
| 72) Anthracene                 | 17.44 | 178  | 1094113  | 43.484  | ng    | 99       |
| 73) Carbazole                  | 17.71 | 167  | 1021253  | 42.989  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.27 | 149  | 1140161  | 41.738  | ng    | 99       |
| 75) Fluoranthene               | 19.36 | 202  | 1393059  | 42.448  | ng    | 100      |
| 77) Benzidine                  | 19.54 | 184  | 745488   | 60.485  | ng    | 99       |
| 78) Pyrene                     | 19.72 | 202  | 1397574  | 41.378  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.61 | 149  | 542815   | 41.202  | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.54 | 228  | 1368364  | 41.390  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.45 | 252  | 412125   | 33.591  | ng    | 99       |
| 83) Chrysene                   | 21.60 | 228  | 1312260  | 41.264  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.46 | 149  | 752210   | 41.838  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.63 | 149  | 1318589  | 42.832  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.18 | 276  | 1665215  | 40.888  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.68 | 252  | 1411128  | 39.854  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.75 | 252  | 1389476  | 40.605  | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.52 | 252  | 1319442  | 39.932  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.24 | 278  | 1365874  | 41.560  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.28 | 276  | 1398607  | 42.616  | ng    | 99       |

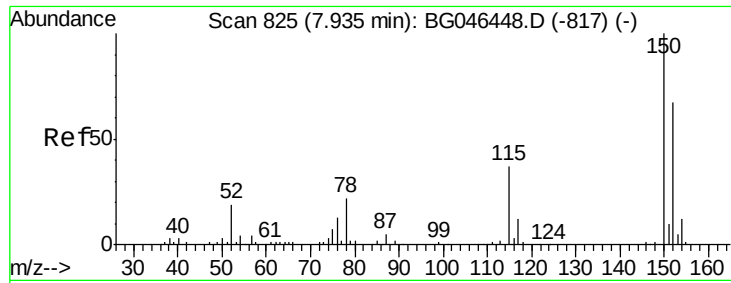
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\  
Data File : BG046458.D  
Acq On : 26 Aug 2020 17:50  
Operator : CG/JU  
Sample : PB131215BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleID :  
PB131215BS

Quant Time: Aug 26 18:38:58 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 25 18:00:34 2020  
Response via : Initial Calibration



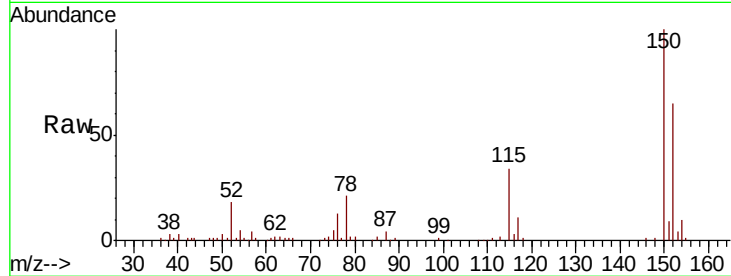


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.93 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.4 | 119.5 | 179.3 |
| 115     | 52.5  | 44.3  | 66.5  |

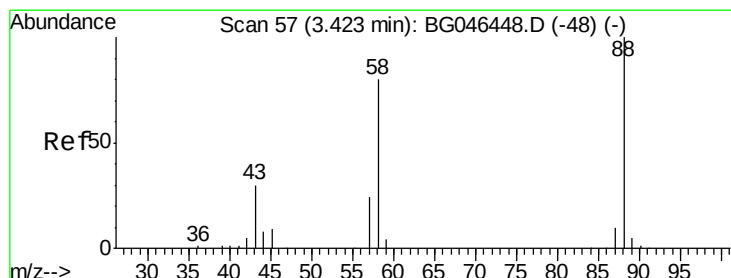
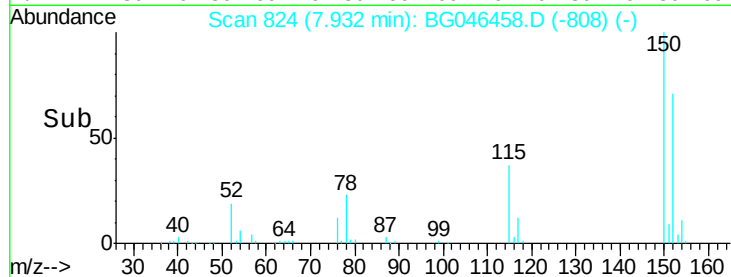
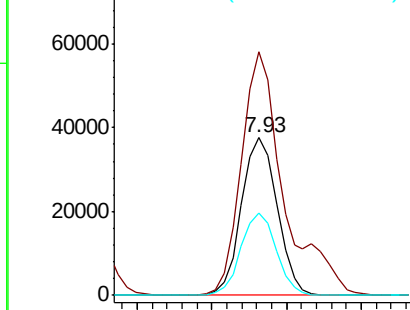


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

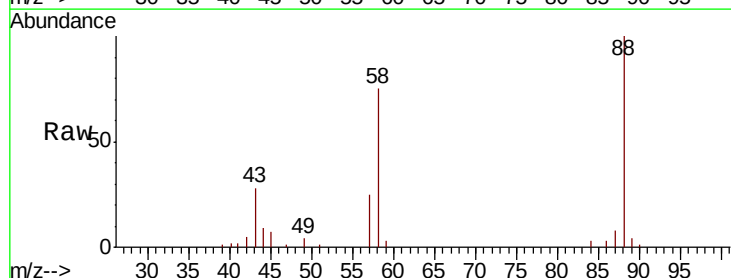
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 30.119 ng  
RT: 3.42 min Scan# 56  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.1  | 61.4  | 92.2  |
| 43      | 27.4  | 21.6  | 32.4  |

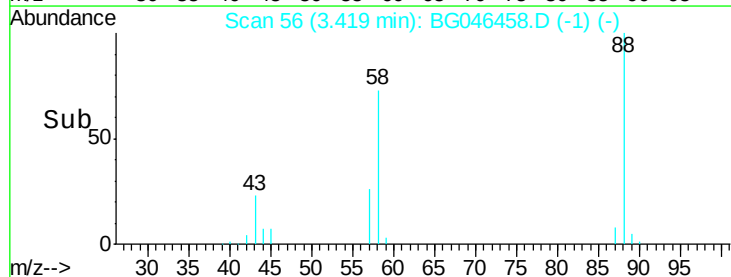
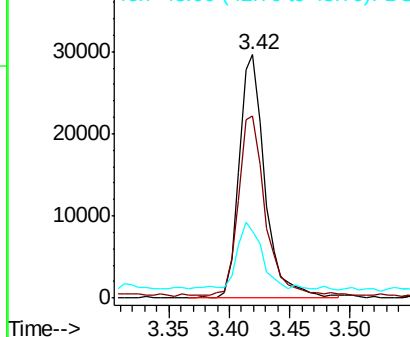


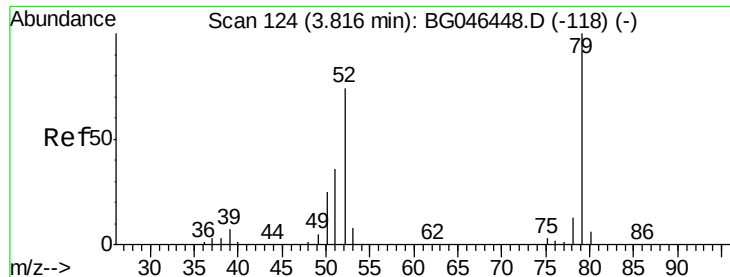
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.792 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

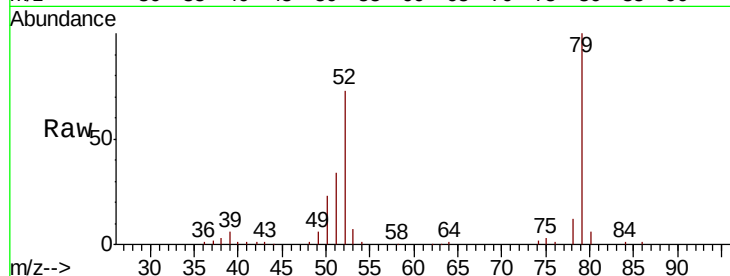
Tot Ion: 79 Resp: 110970

Ion Ratio Lower Upper

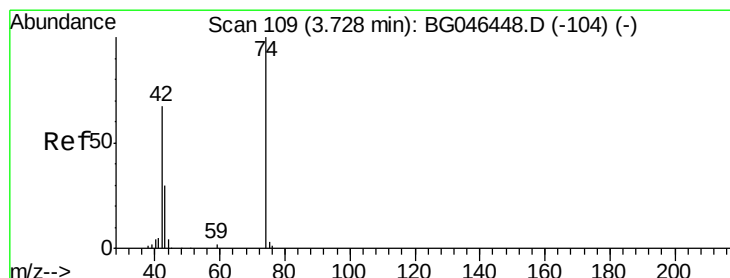
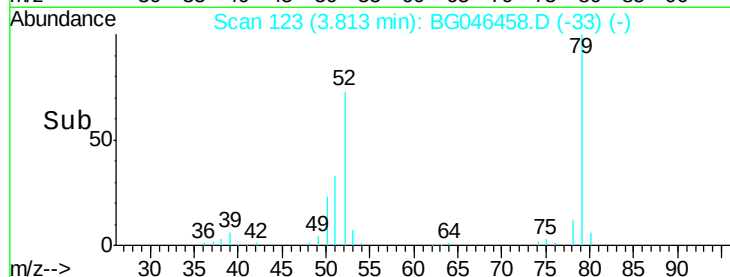
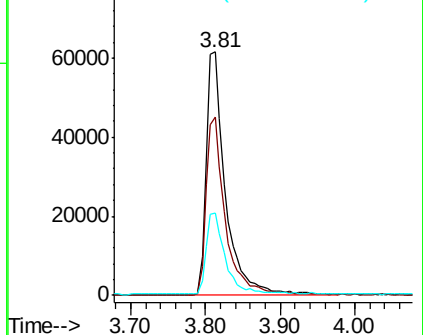
79 100

52 73.1 59.1 88.7

51 33.7 29.0 43.6



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



#4

n-Nitrosodimethylamine

Concen: 41.056 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

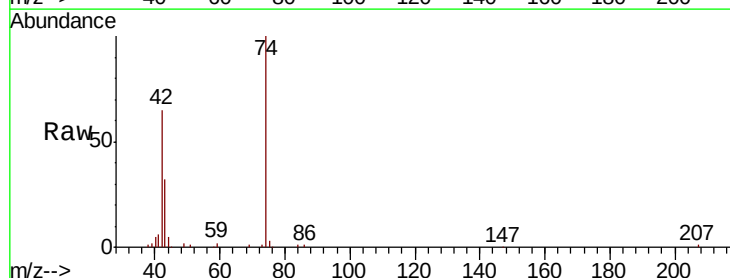
Tgt Ion: 42 Resp: 65150

Ion Ratio Lower Upper

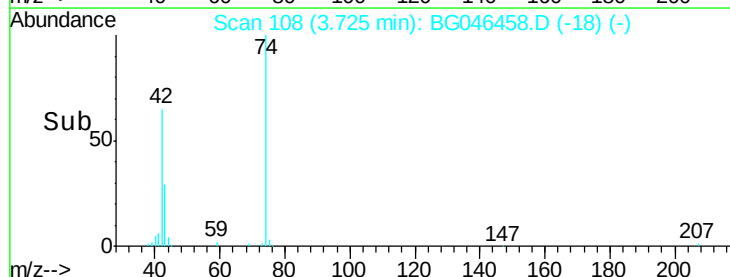
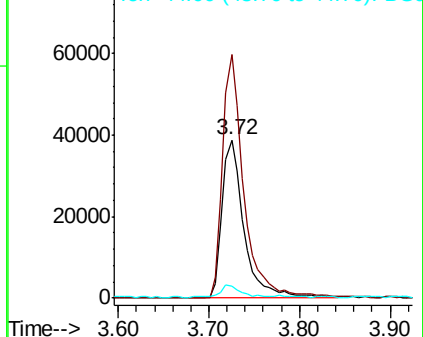
42 100

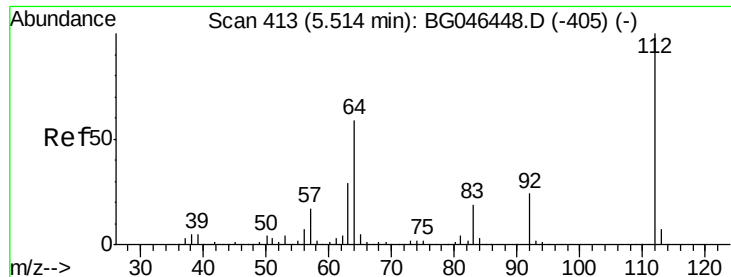
74 153.7 119.5 179.3

44 7.3 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 117.413 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

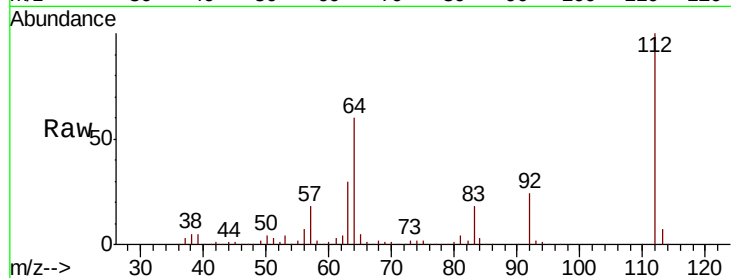
Tot Ion:112 Resp: 415011

Ion Ratio Lower Upper

112 100

64 59.7 47.0 70.6

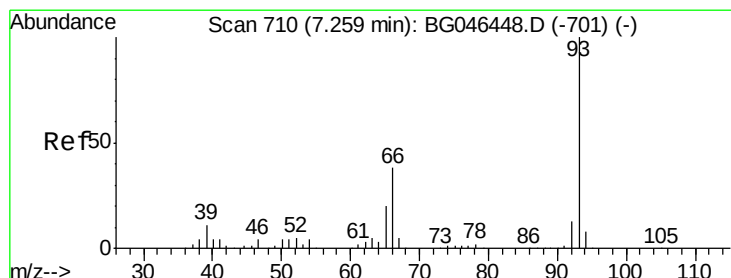
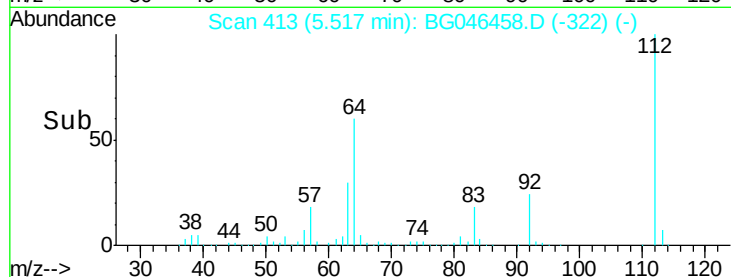
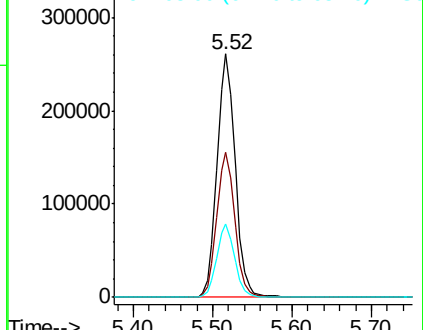
63 30.1 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.319 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

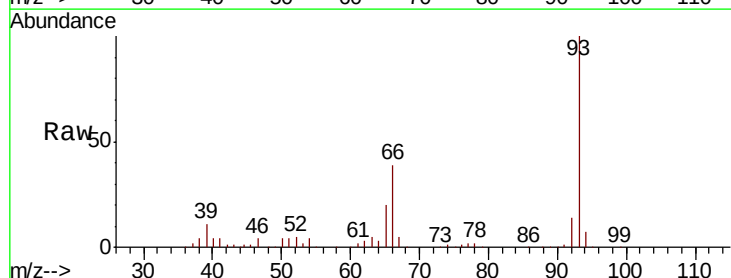
Tgt Ion: 93 Resp: 232977

Ion Ratio Lower Upper

93 100

66 39.0 30.4 45.6

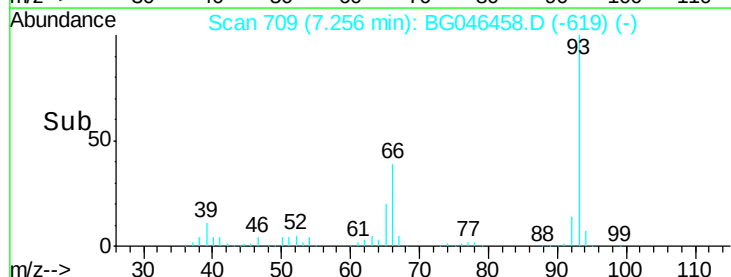
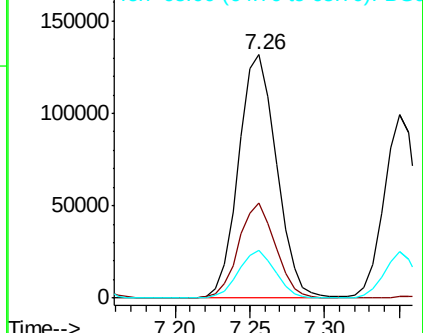
65 19.5 15.8 23.6

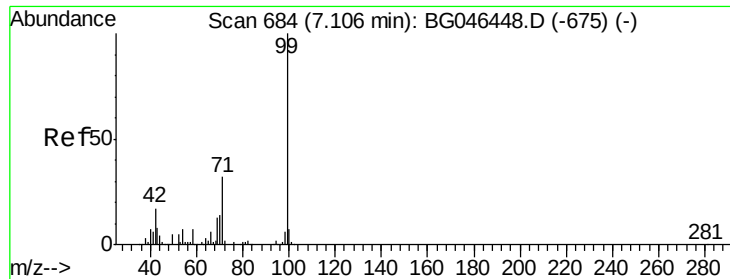


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.031 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

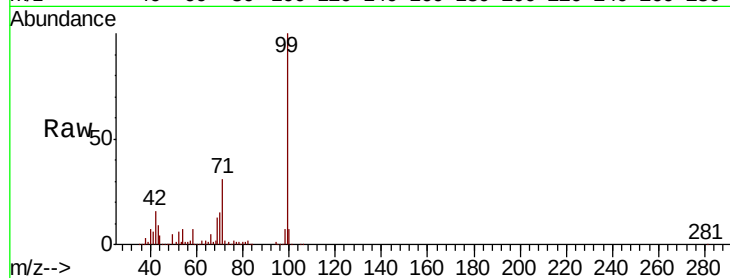
Tot Ion: 99 Resp: 546325

Ion Ratio Lower Upper

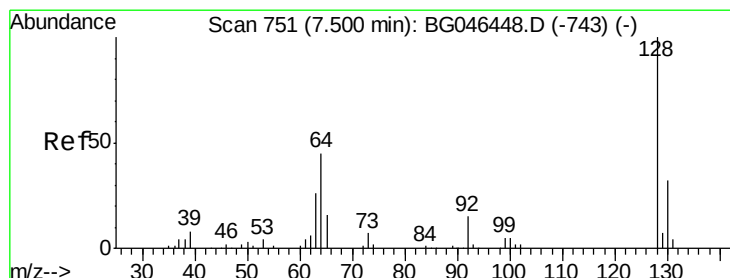
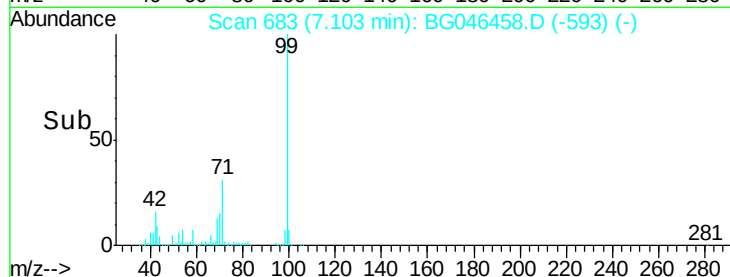
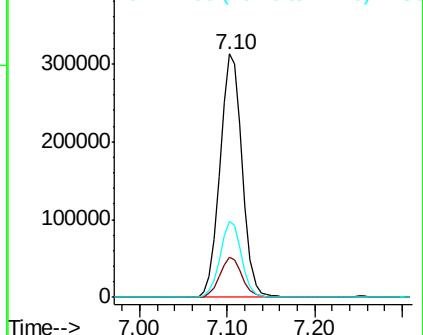
99 100

42 16.4 13.3 19.9

71 31.2 25.3 37.9



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: 47.039 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

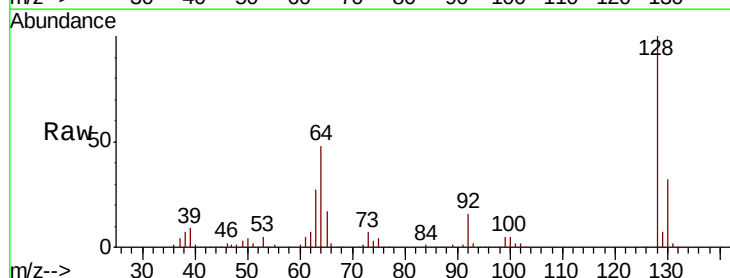
Tgt Ion: 128 Resp: 175727

Ion Ratio Lower Upper

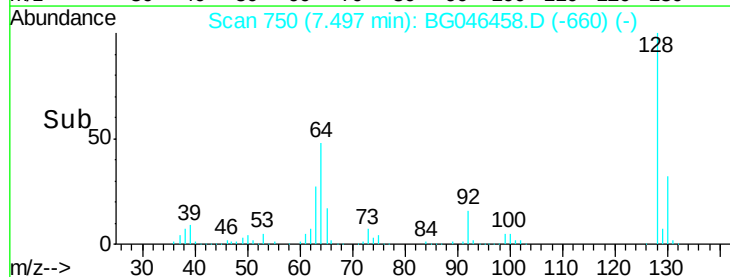
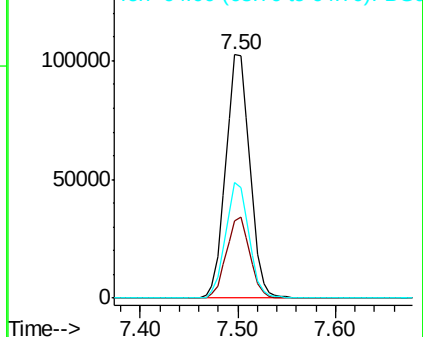
128 100

130 31.8 12.4 52.4

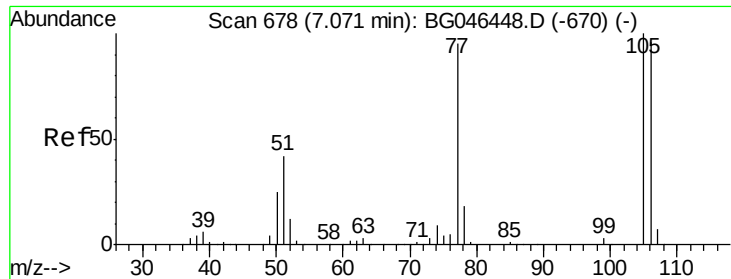
64 47.7 28.1 68.1



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: 34.838 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

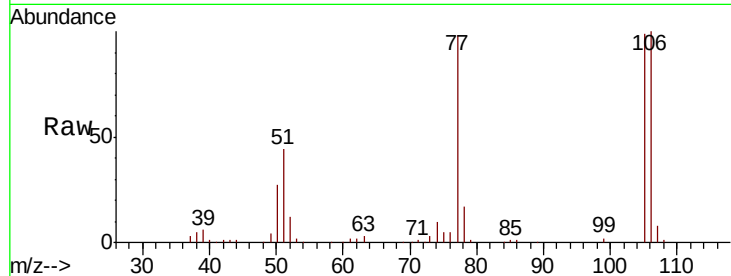
Tot Ion: 77 Resp: 97801

Ion Ratio Lower Upper

77 100

105 101.4 85.6 125.6

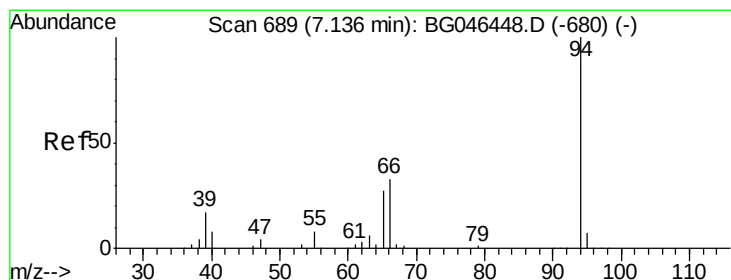
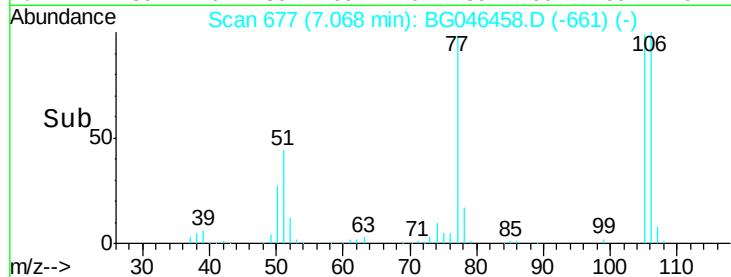
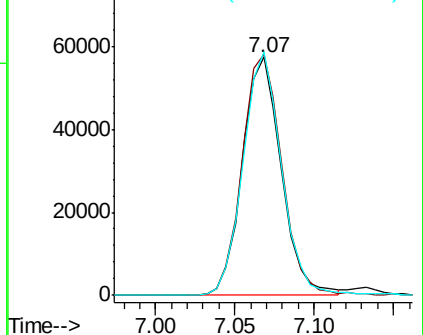
106 102.2 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.360 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

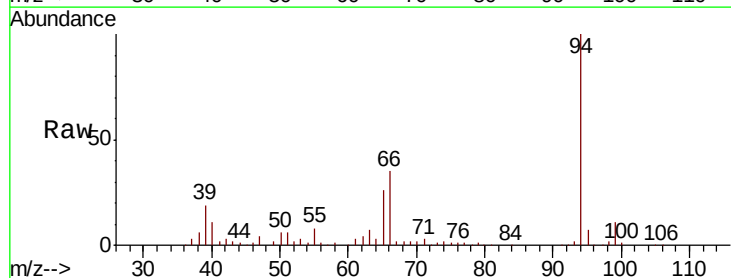
Tgt Ion: 94 Resp: 218573

Ion Ratio Lower Upper

94 100

65 25.9 7.5 47.5

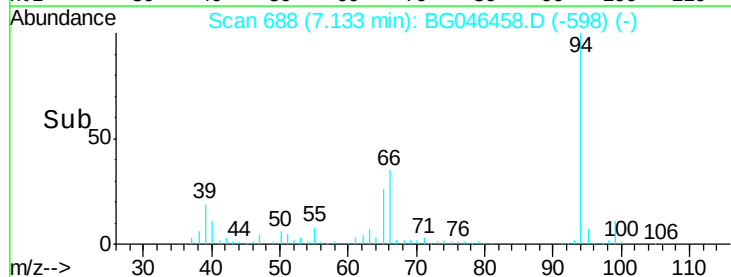
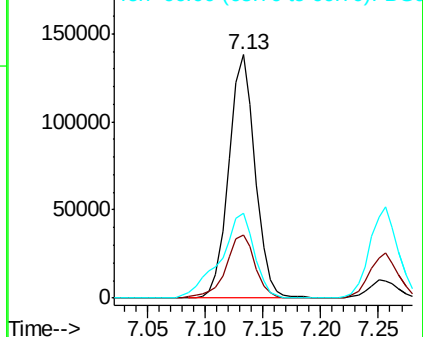
66 34.7 14.1 54.1



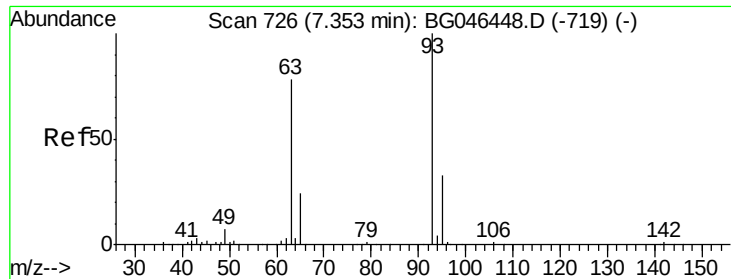
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



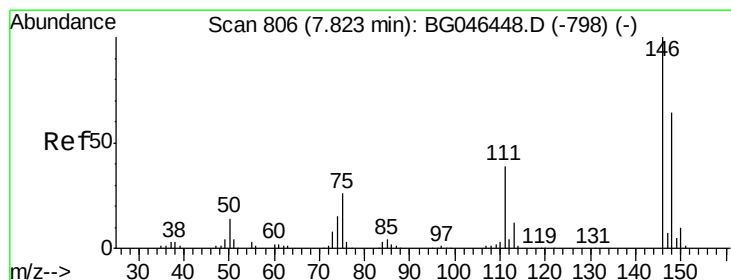
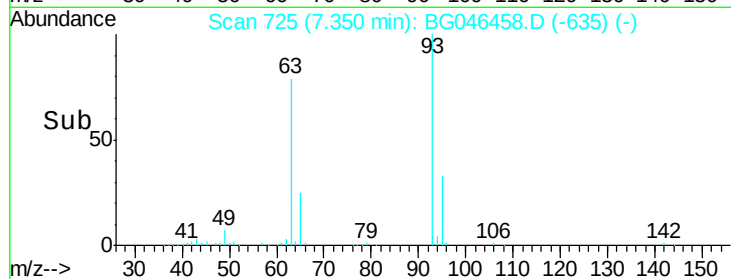
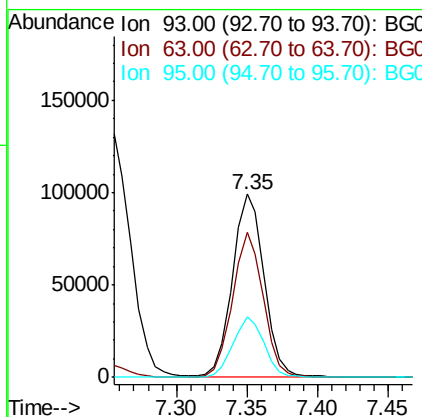
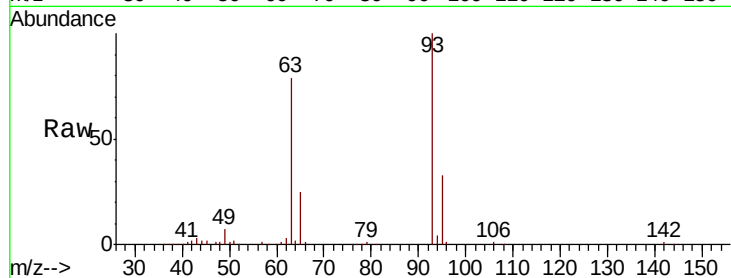




#11  
bis(2-Chloroethyl)ether  
Concen: 41.396 ng  
RT: 7.35 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

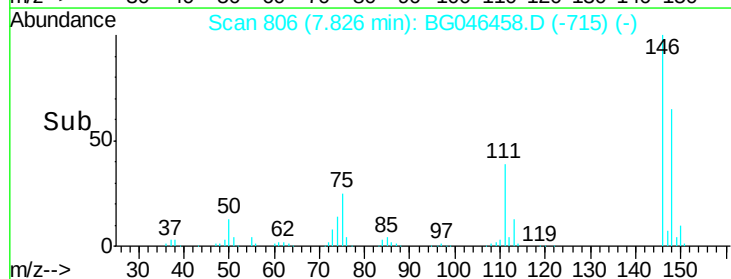
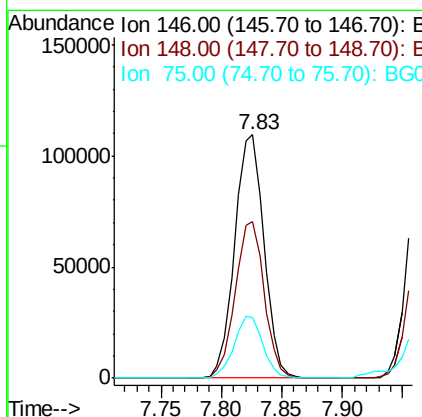
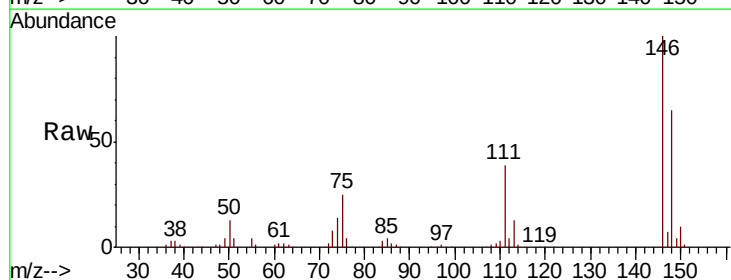
Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

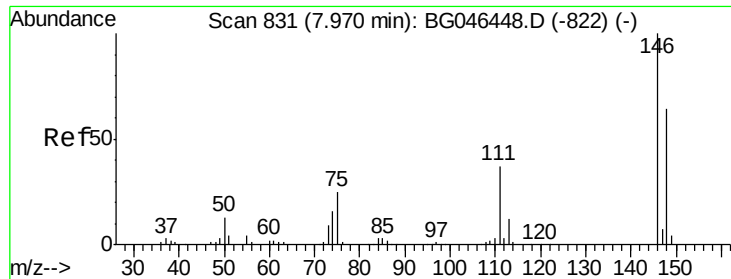
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 78.9  | 57.7  | 97.7  |
| 95      | 33.4  | 12.3  | 52.3  |



#12  
1,3-Dichlorobenzene  
Concen: 39.166 ng  
RT: 7.83 min Scan# 806  
Delta R.T. 0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.4  | 77.0  |
| 75      | 25.1  | 20.7  | 31.1  |

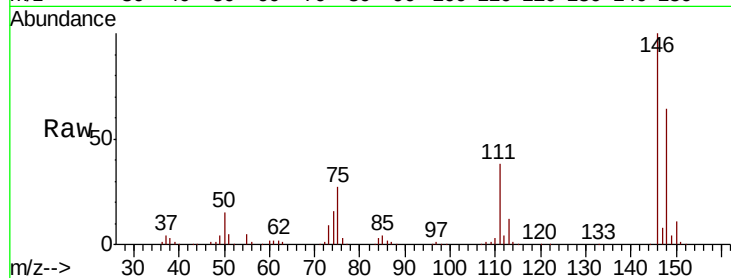




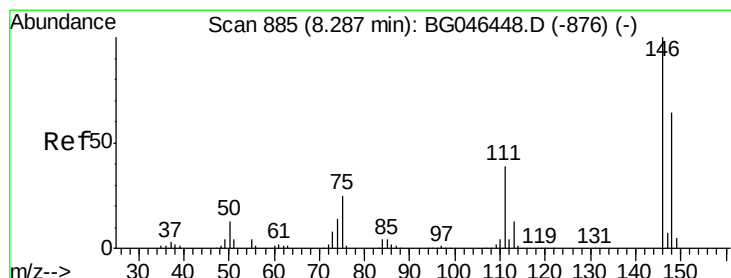
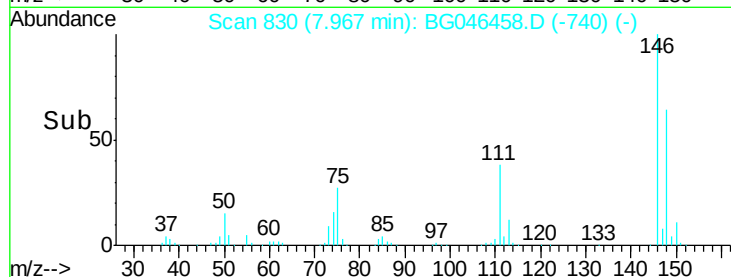
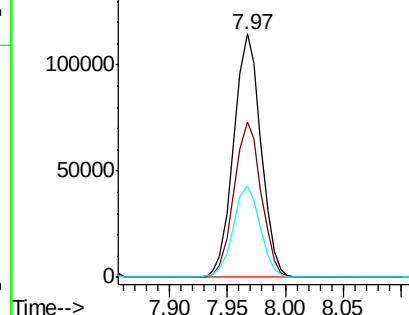
#13  
 1,4-Dichlorobenzene  
 Concen: 39.504 ng  
 RT: 7.97 min Scan# 830  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131215BS

Tot Ion:146 Resp: 187583  
 Ion Ratio Lower Upper  
 146 100  
 148 63.6 50.9 76.3  
 111 37.6 29.8 44.6

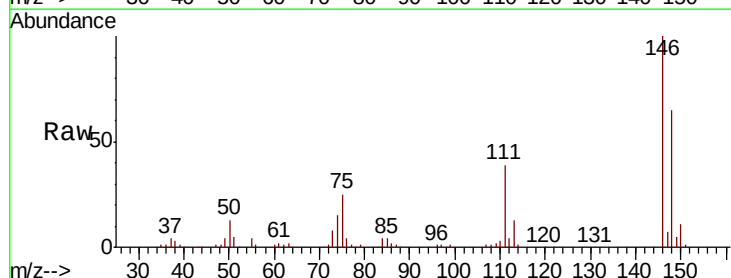


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

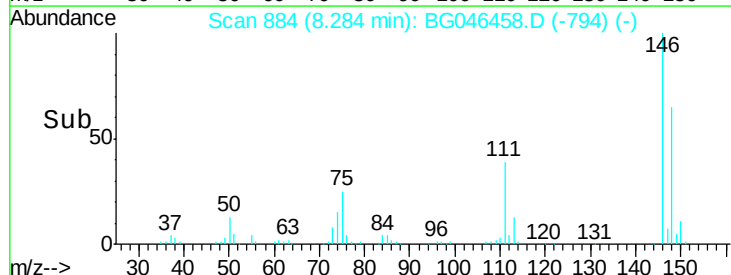
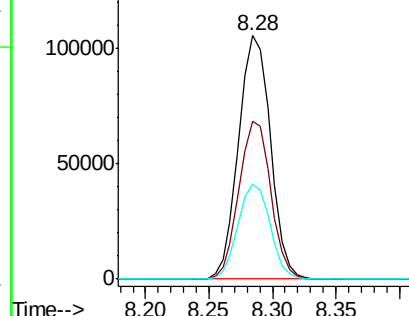


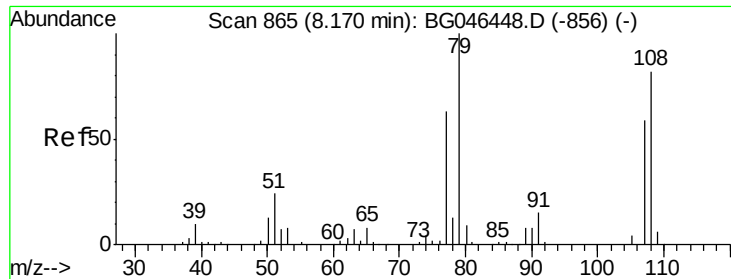
#14  
 1,2-Dichlorobenzene  
 Concen: 40.623 ng  
 RT: 8.28 min Scan# 884  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

Tgt Ion:146 Resp: 184958  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 51.4 77.0  
 111 38.9 31.4 47.2



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: 46.570 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

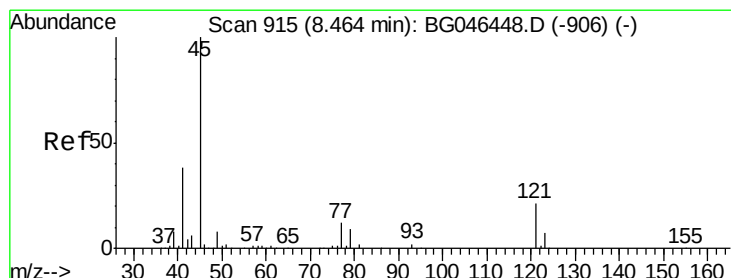
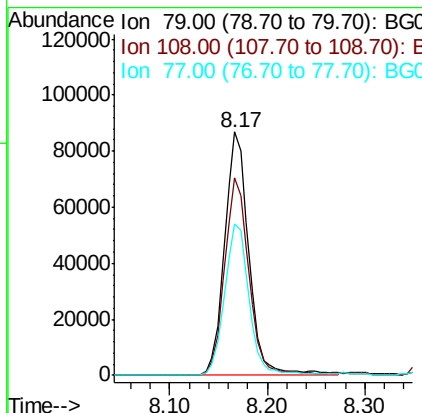
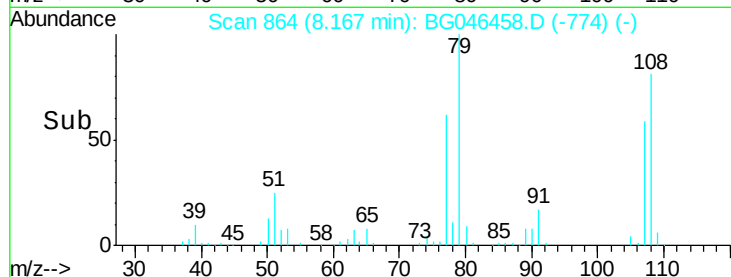
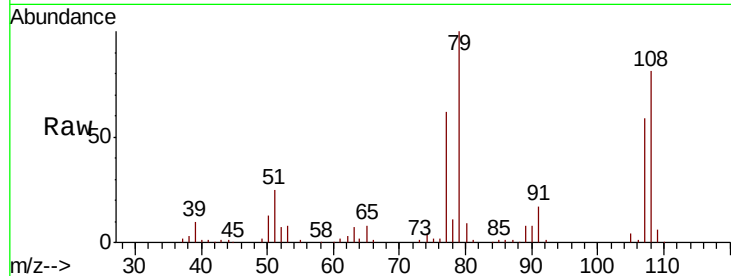
Tot Ion: 79 Resp: 149816

Ion Ratio Lower Upper

79 100

108 81.0 65.7 98.5

77 62.2 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.755 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

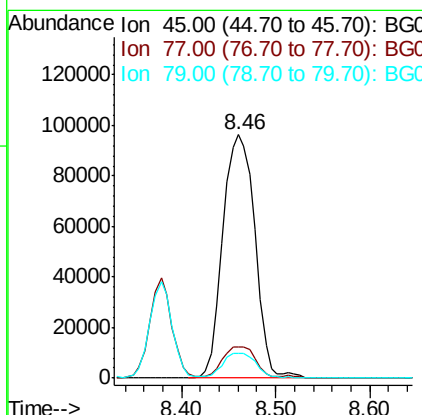
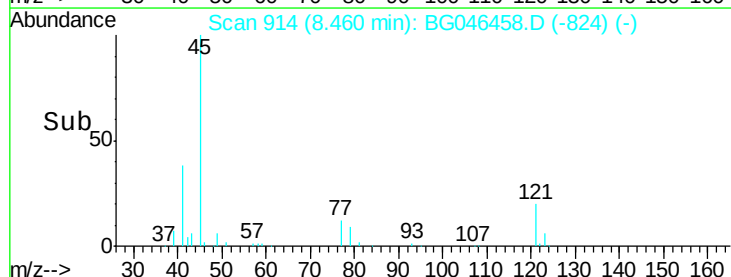
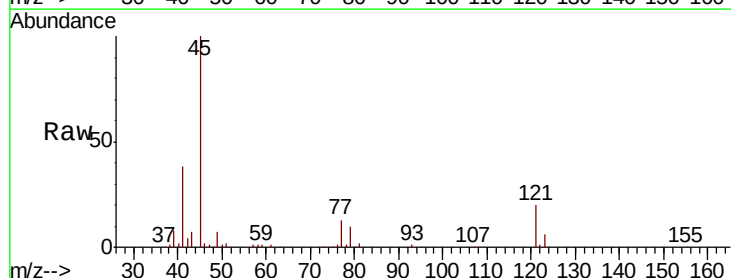
Tgt Ion: 45 Resp: 228755

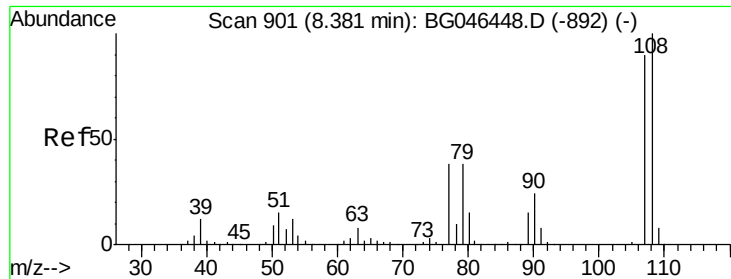
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.2

79 10.1 0.0 30.3

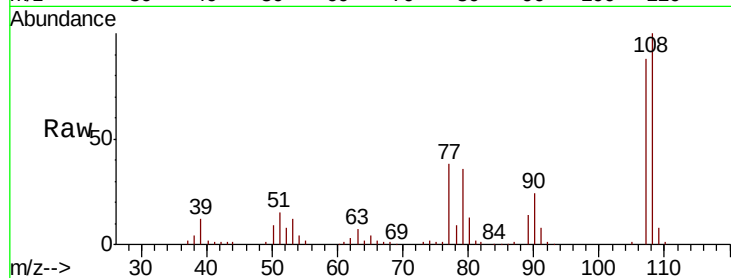




#17  
2-Methylphenol  
Concen: 47.274 ng  
RT: 8.38 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.3 | 89.4  | 134.0 |
| 77      | 43.5  | 34.5  | 51.7  |
| 79      | 41.6  | 33.8  | 50.6  |



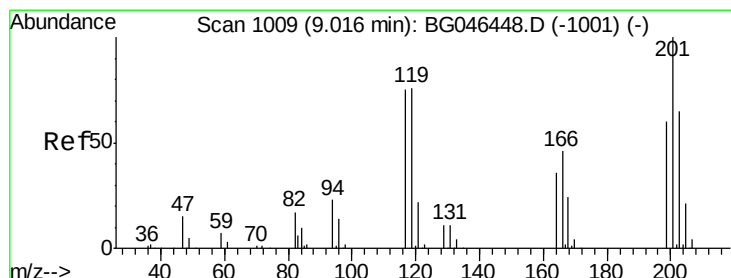
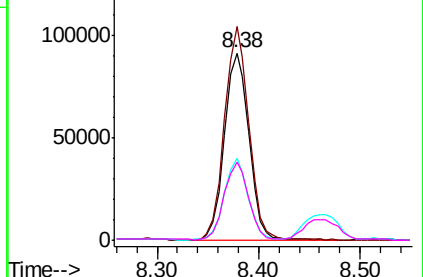
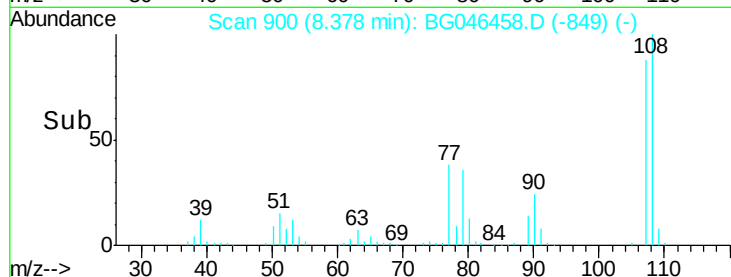
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

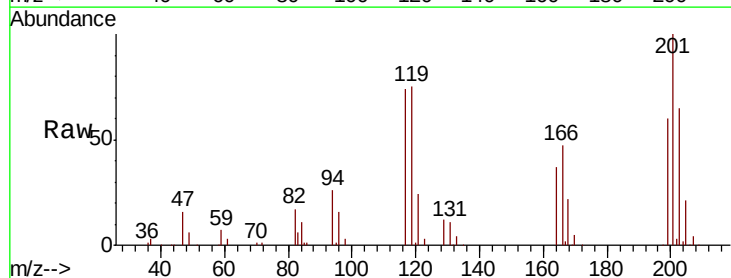
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 38.706 ng  
RT: 9.01 min Scan# 1008  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 102.3 | 80.8  | 121.2 |
| 201     | 135.8 | 106.7 | 160.1 |

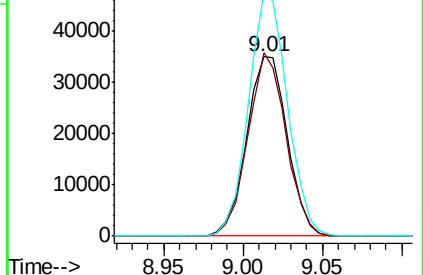
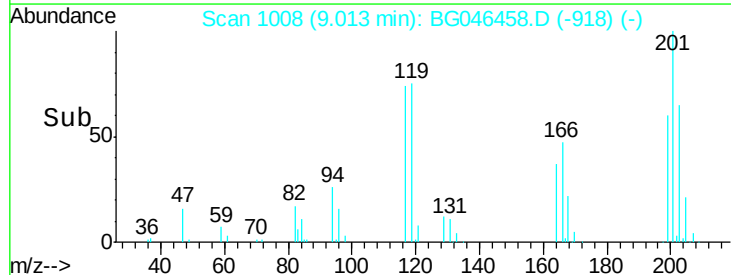


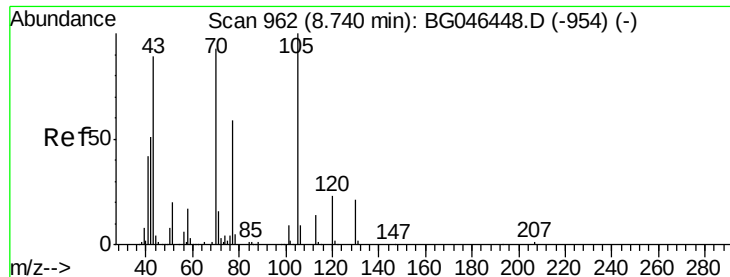
Abundance

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

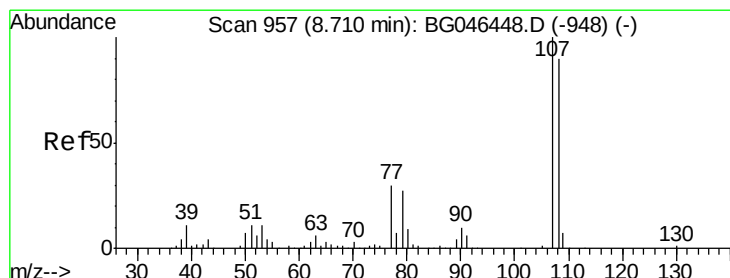
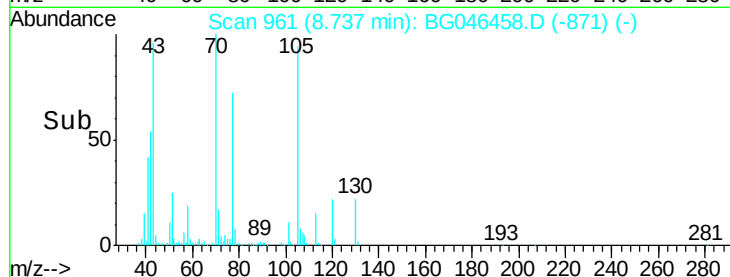
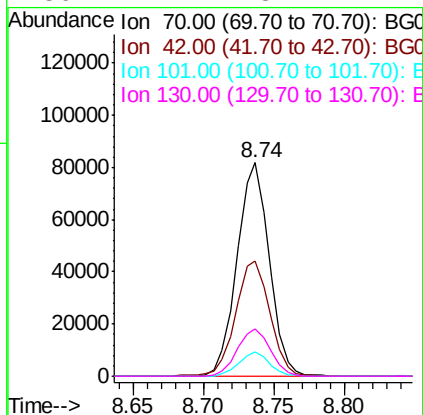
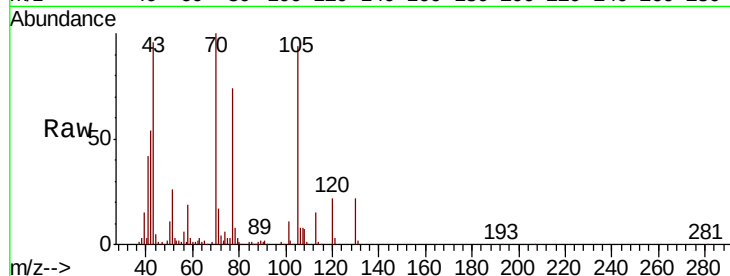




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.447 ng  
RT: 8.74 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

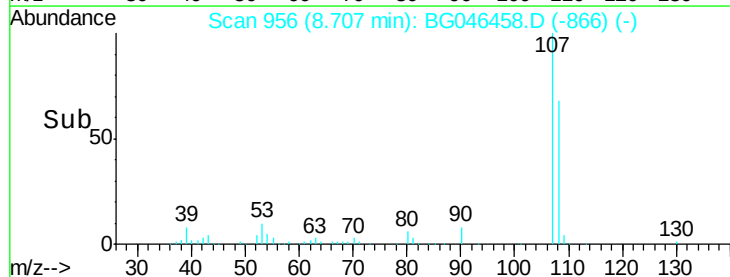
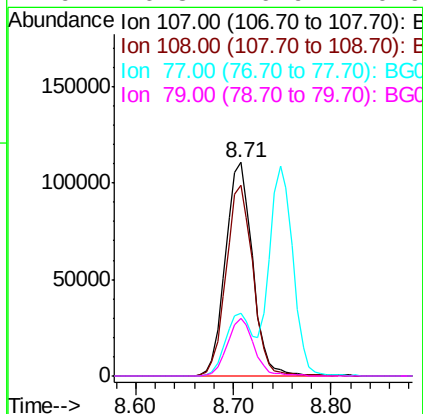
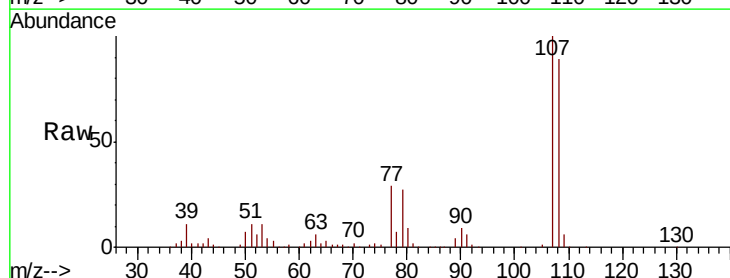
Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

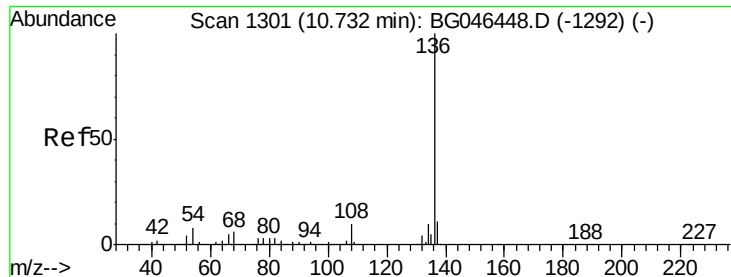
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 130219 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 54.1  | 44.2  | 66.2   |
| 101      | 11.2  | 7.8   | 11.8   |
| 130      | 22.2  | 18.2  | 27.4   |



#20  
3+4-Methylphenols  
Concen: 47.096 ng  
RT: 8.71 min Scan# 956  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 212763 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.4  | 69.7  | 109.7  |
| 77       | 29.4  | 9.7   | 49.7   |
| 79       | 26.8  | 6.9   | 46.9   |

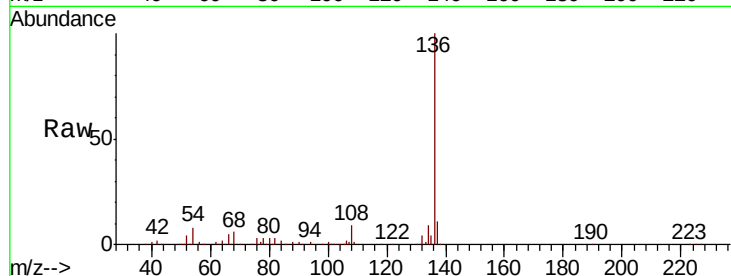




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.73 min Scan# 1300  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 271055 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.9    | 8.8 13.2     |
| 54 7.9      | 6.1 9.1      |
| 68 6.0      | 4.8 7.2      |



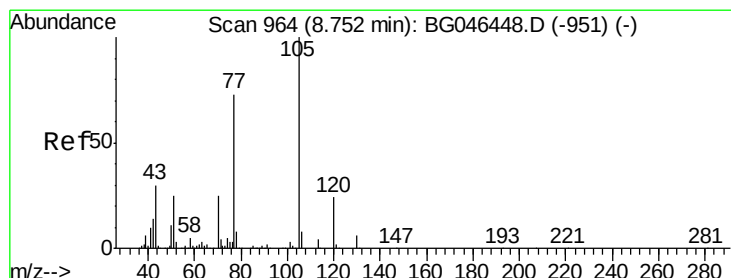
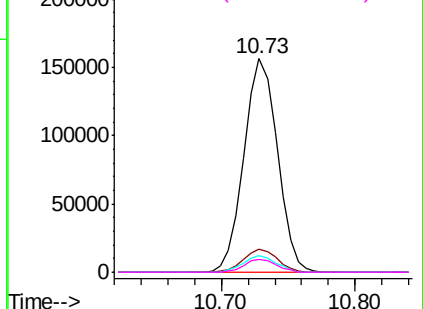
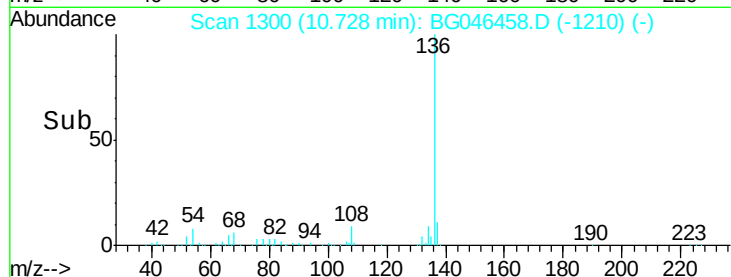
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

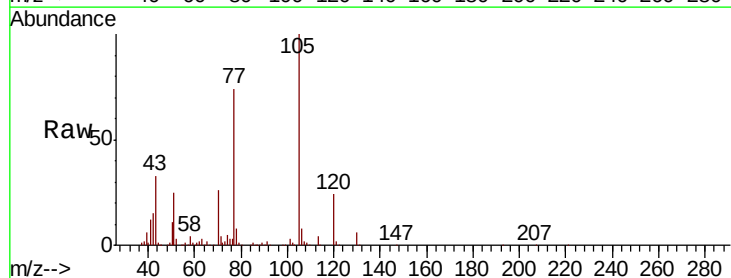
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 38.386 ng  
RT: 8.75 min Scan# 963  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 253272 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 4.3     | 3.3   | 4.9    |
| 51  | 25.3    | 20.6  | 31.0   |
| 120 | 23.9    | 19.0  | 28.6   |



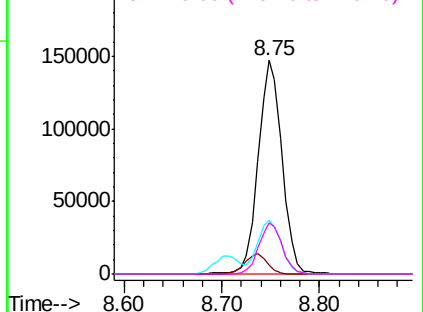
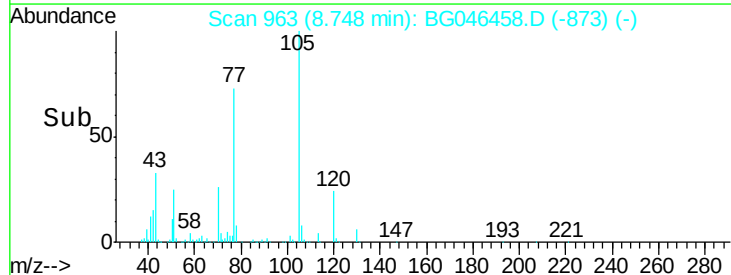
Abundance

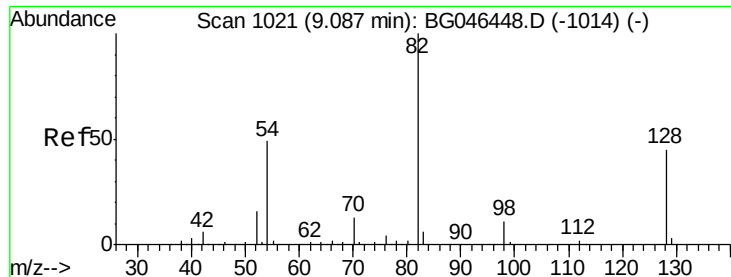
Ion 105.00 (104.70 to 105.70): E

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

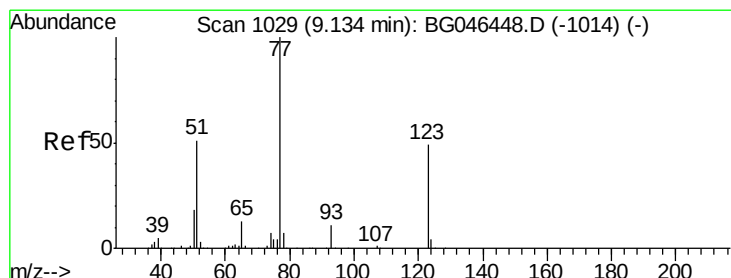
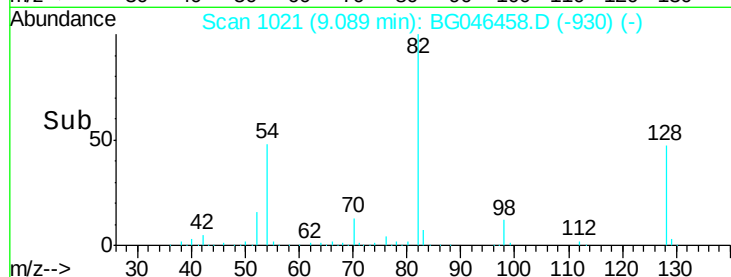
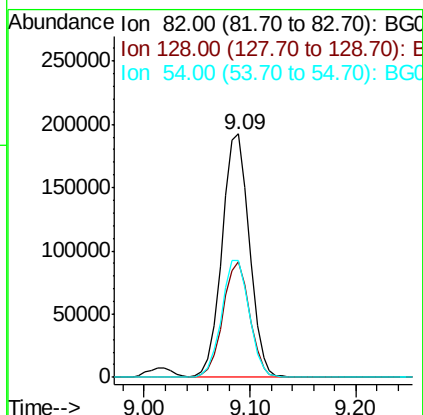
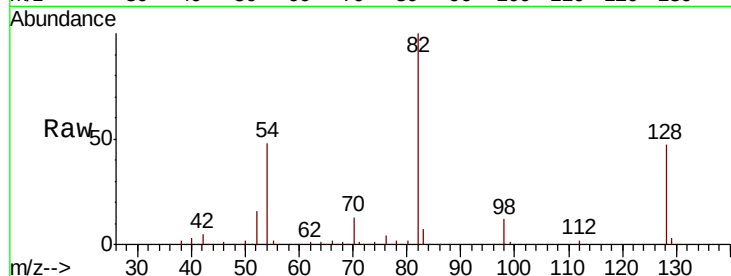




#23  
 Nitrobenzene-d5  
 Concen: 72.826 ng  
 RT: 9.09 min Scan# 1021  
 Delta R.T. 0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

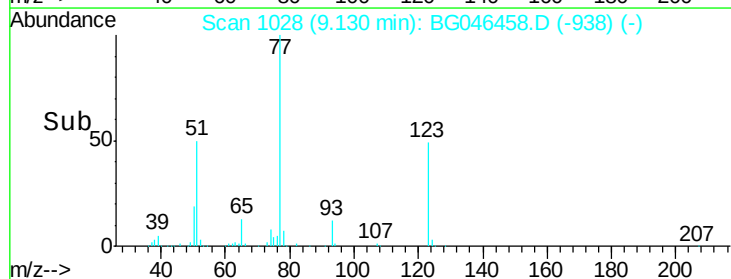
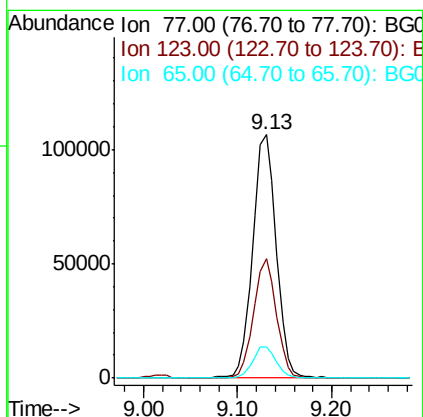
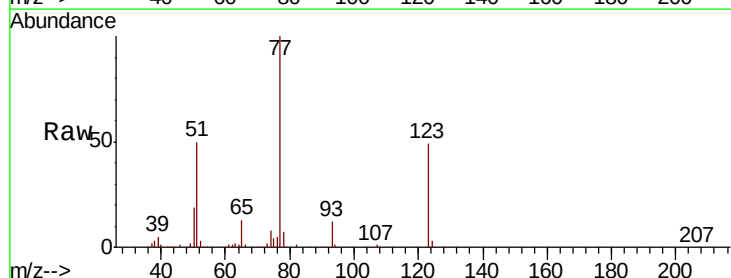
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131215BS

| Tot Ion   | 82    | Resp  | 345375 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 47.3  | 35.7  | 53.5   |
| 54        | 48.2  | 39.4  | 59.0   |

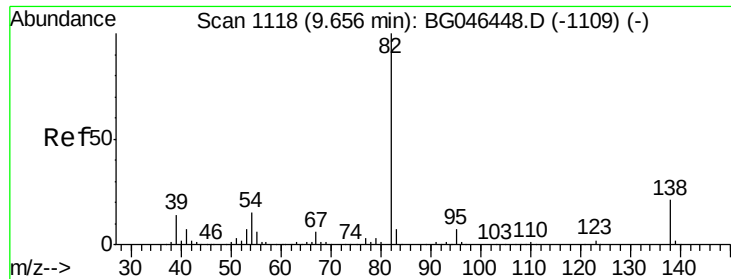


#24  
 Nitrobenzene  
 Concen: 39.477 ng  
 RT: 9.13 min Scan# 1028  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

| Tgt Ion   | 77    | Resp  | 184958 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 48.8  | 39.6  | 59.4   |
| 65        | 12.6  | 10.1  | 15.1   |







#25

Isophorone

Concen: 41.955 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampled :

PB131215BS

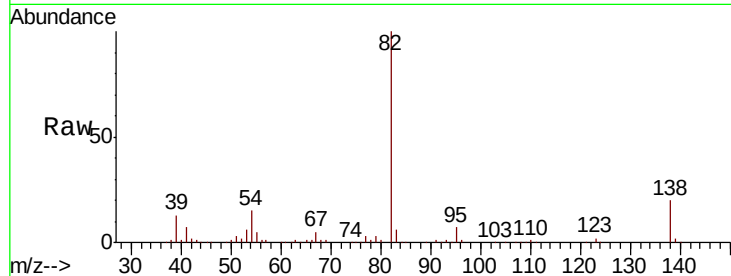
Tot Ion: 82 Resp: 364784

Ion Ratio Lower Upper

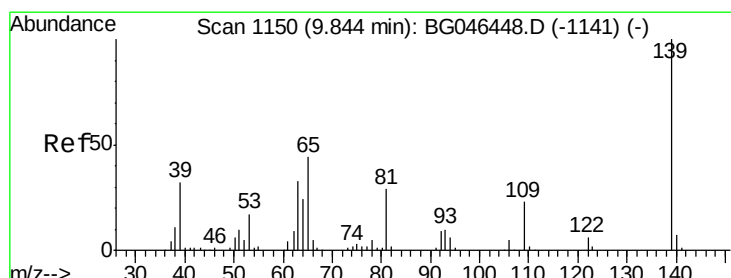
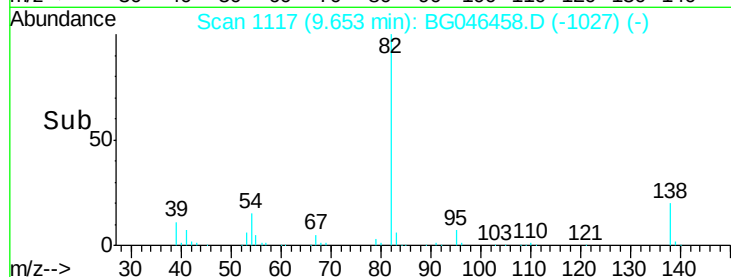
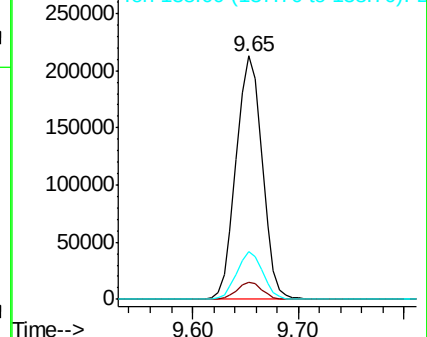
82 100

95 7.1 5.8 8.6

138 19.6 16.4 24.6



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: 41.380 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

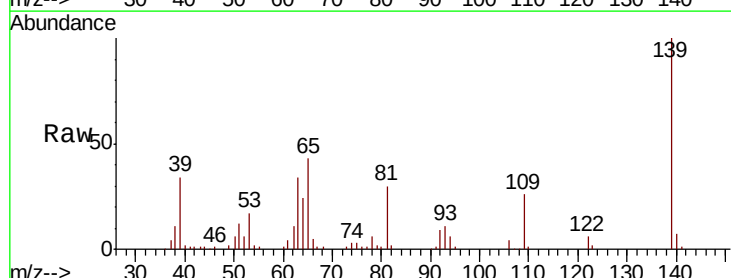
Tgt Ion: 139 Resp: 102290

Ion Ratio Lower Upper

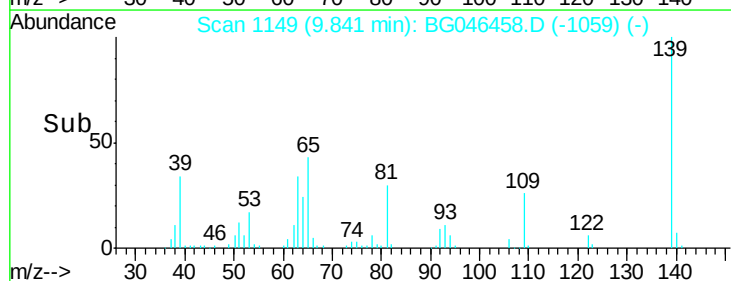
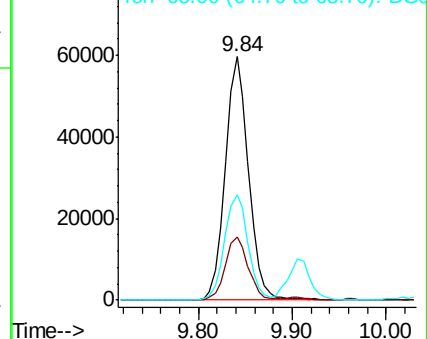
139 100

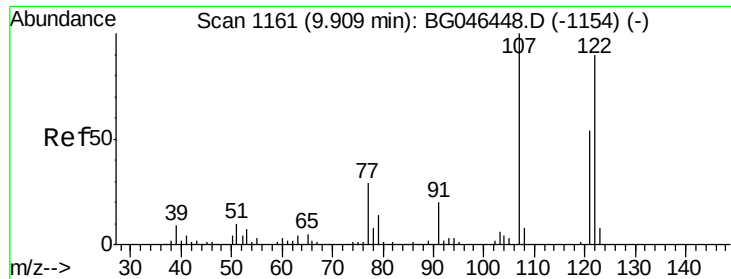
109 26.1 18.8 28.2

65 43.3 35.0 52.6



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

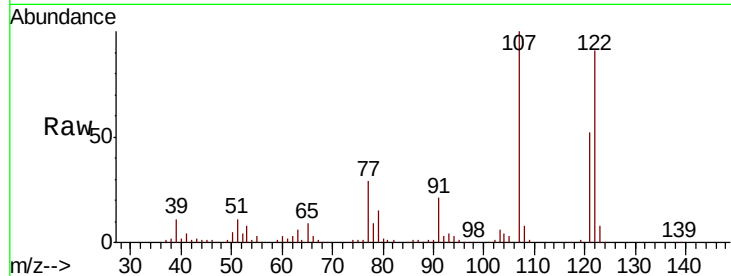




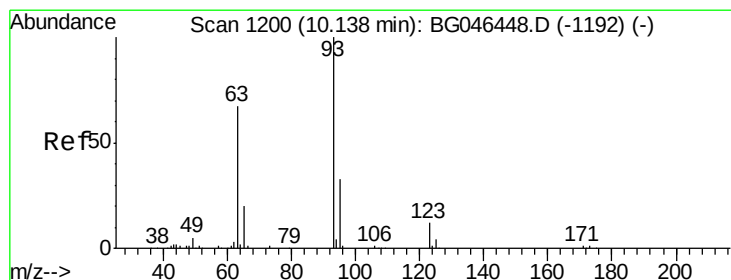
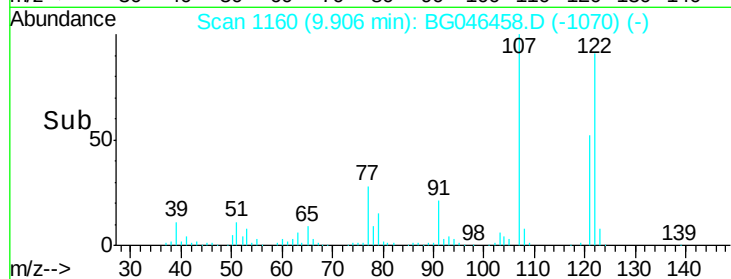
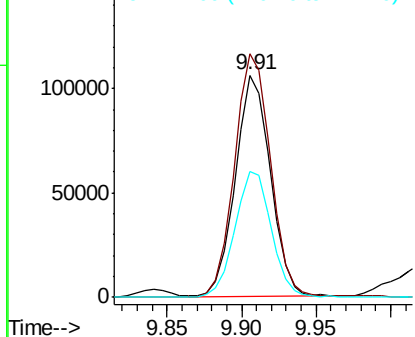
#27  
 2,4-Dimethylphenol  
 Concen: 50.723 ng  
 RT: 9.91 min Scan# 1160  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131215BS

Tot Ion:122 Resp: 172455  
 Ion Ratio Lower Upper  
 122 100  
 107 109.7 88.2 132.2  
 121 56.7 47.4 71.0

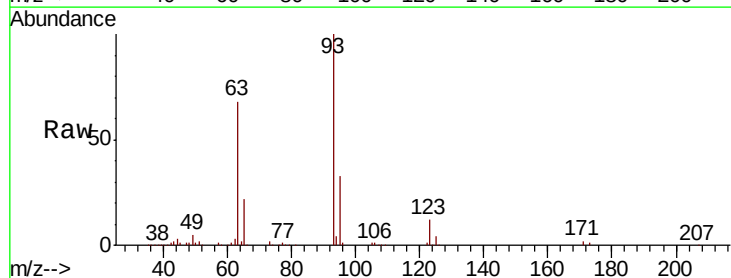


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

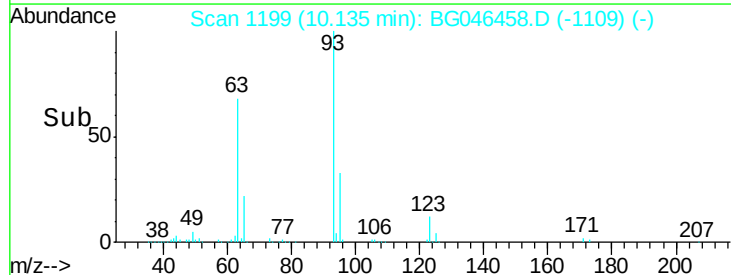
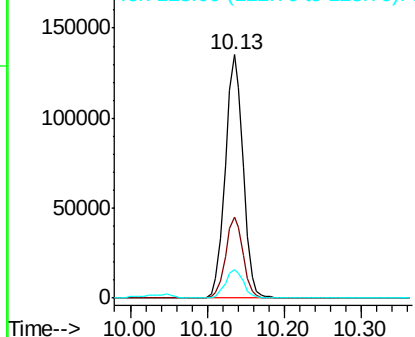


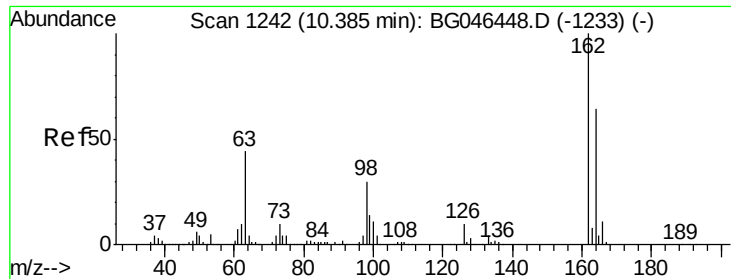
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.928 ng  
 RT: 10.13 min Scan# 1199  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

Tgt Ion: 93 Resp: 217853  
 Ion Ratio Lower Upper  
 93 100  
 95 33.5 26.1 39.1  
 123 11.7 9.5 14.3



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

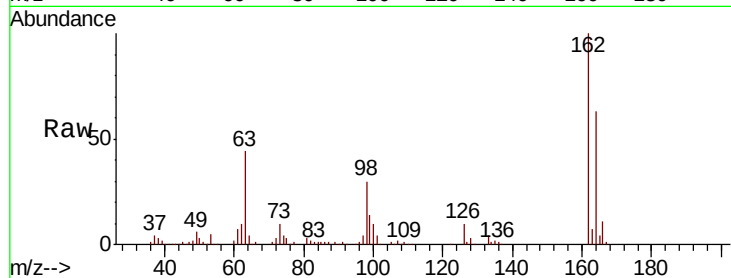




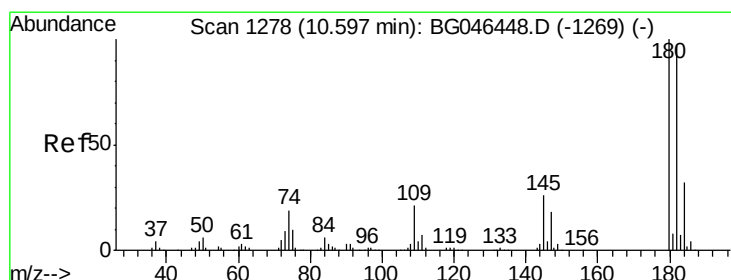
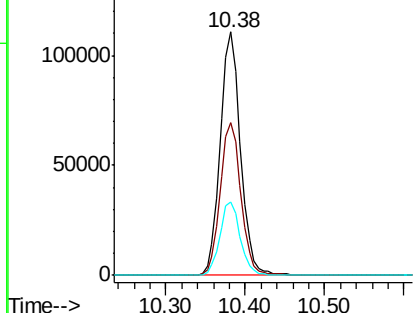
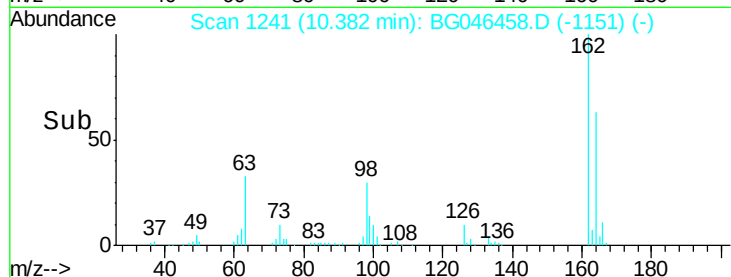
#29  
 2,4-Dichlorophenol  
 Concen: 43.314 ng  
 RT: 10.38 min Scan# 1241  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB131215BS

| Tot Ion | 162   | Resp  | 196318 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 162     | 100   |       |        |
| 164     | 63.0  | 44.3  | 84.3   |
| 98      | 30.0  | 10.0  | 50.0   |

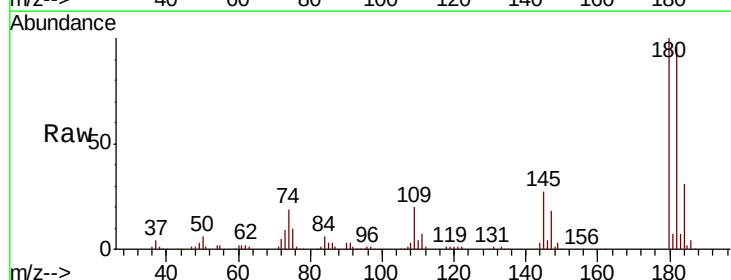


Abundance Ion 162.00 (161.70 to 162.70): E  
 150000 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BGC

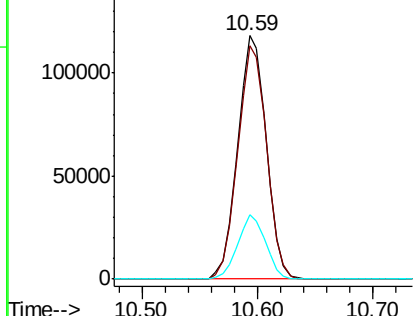
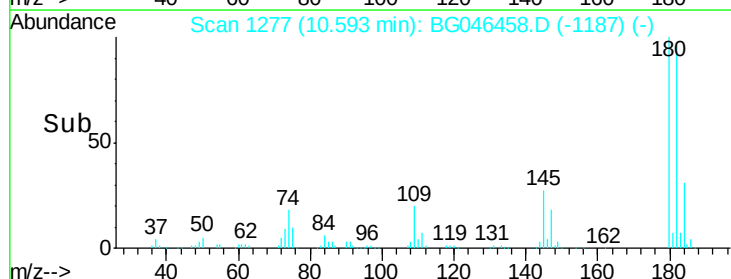


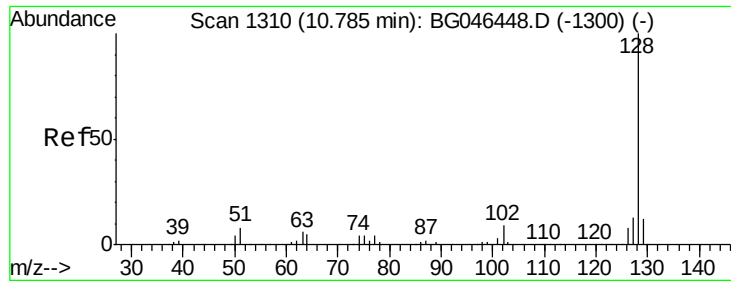
#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.642 ng  
 RT: 10.59 min Scan# 1277  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

| Tgt Ion | 180   | Resp  | 202430 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 180     | 100   |       |        |
| 182     | 95.7  | 77.8  | 116.8  |
| 145     | 26.5  | 20.9  | 31.3   |



Abundance Ion 180.00 (179.70 to 180.70): E  
 150000 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

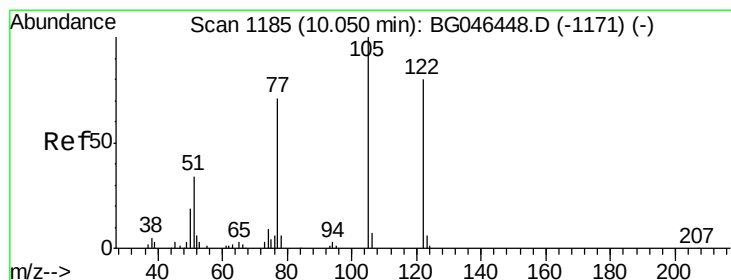
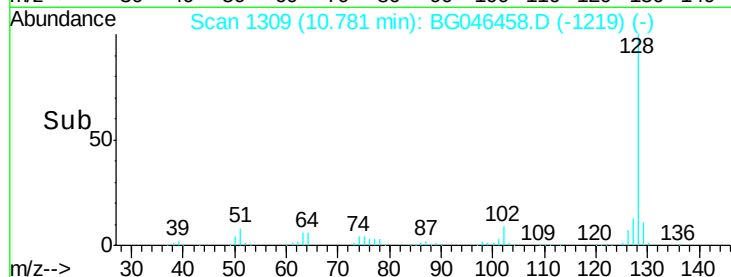
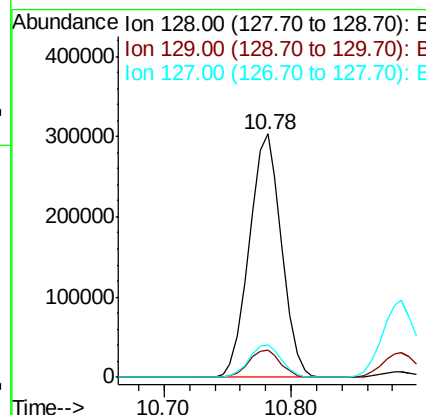
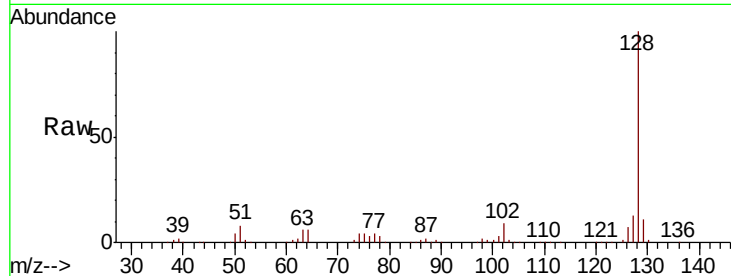




#31  
Naphthalene  
Concen: 40.298 ng  
RT: 10.78 min Scan# 1309  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

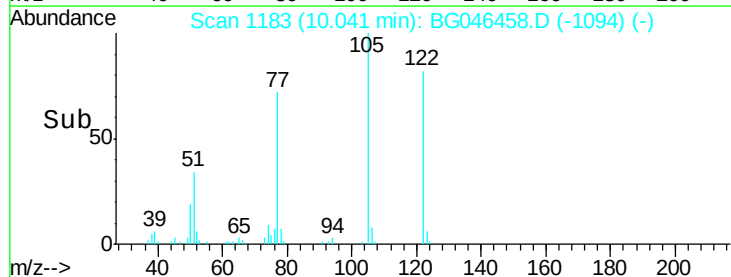
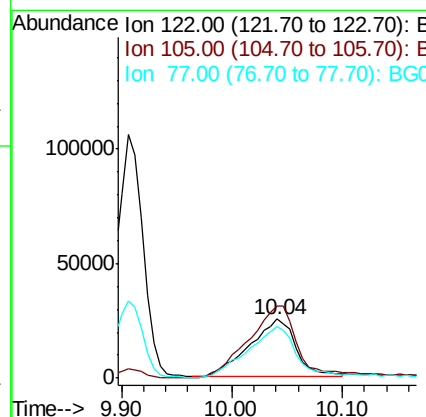
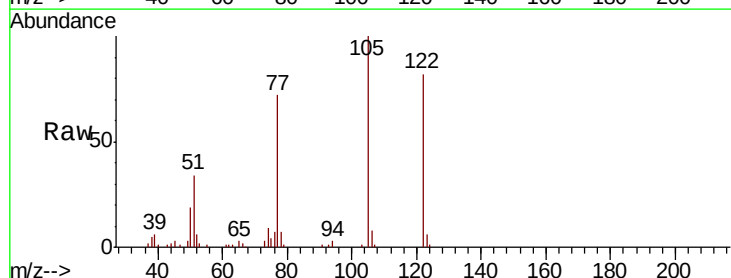
Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

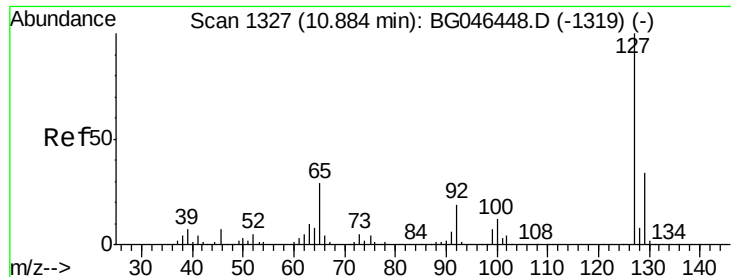
Tot Ion:128 Resp: 533330  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 33.707 ng  
RT: 10.04 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Tgt Ion:122 Resp: 75072  
Ion Ratio Lower Upper  
122 100  
105 121.6 102.5 142.5  
77 87.0 68.2 108.2

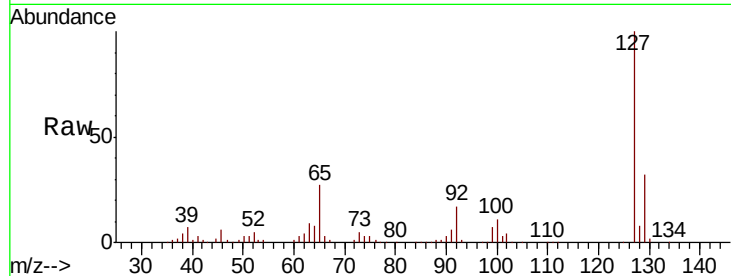




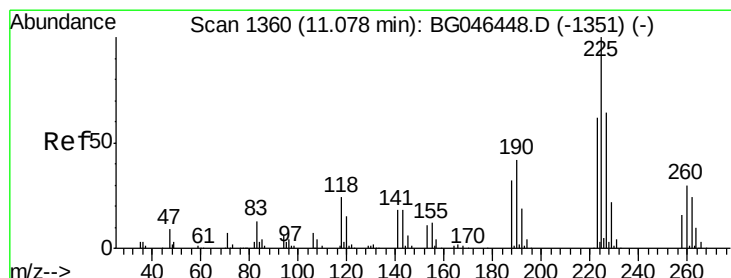
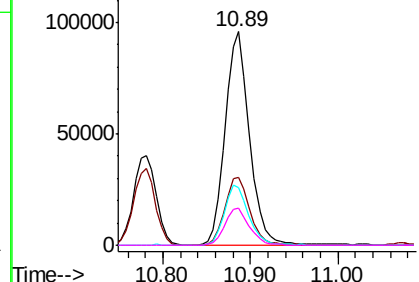
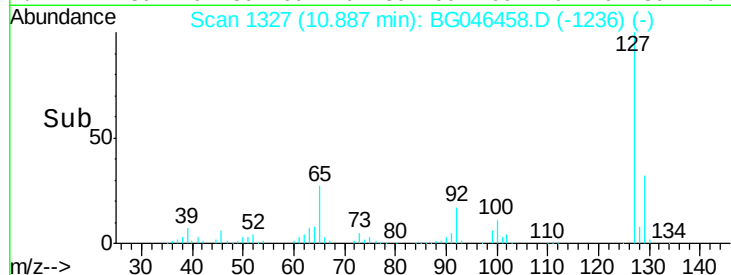
#33  
4-Chloroaniline  
Concen: 31.711 ng  
RT: 10.89 min Scan# 1327  
Delta R.T. 0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 185060 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 27.0  | 40.4   |
| 65       | 26.9  | 23.5  | 35.3   |
| 92       | 17.1  | 14.9  | 22.3   |

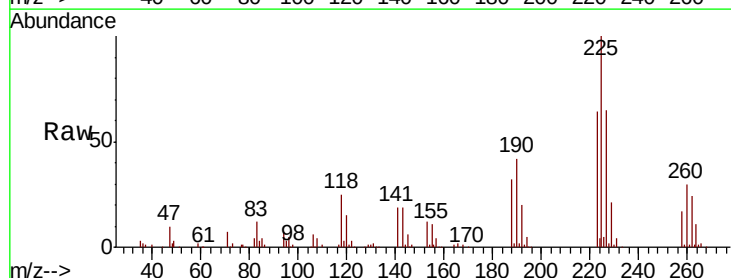


Abundance Ion 127.00 (126.70 to 127.70): E  
150000  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

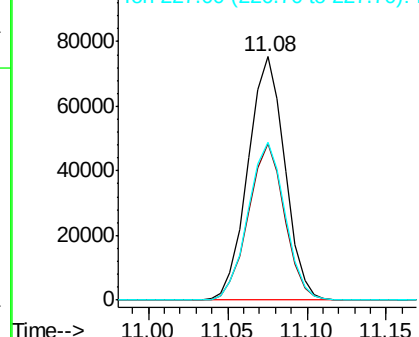
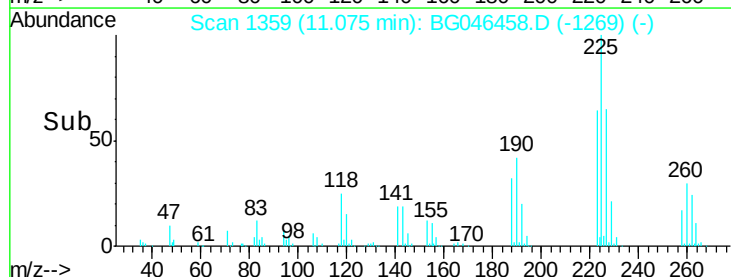


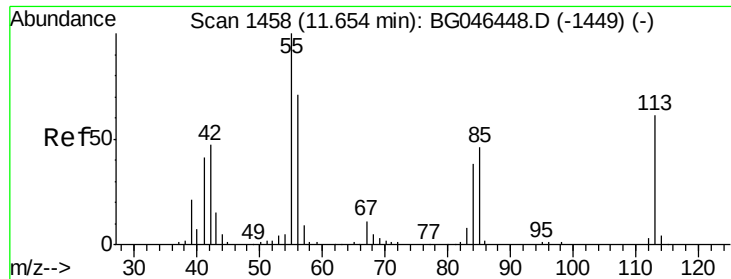
#34  
Hexachlorobutadiene  
Concen: 34.889 ng  
RT: 11.08 min Scan# 1359  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 121798 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 49.9  | 74.9   |
| 227      | 65.0  | 51.6  | 77.4   |



Abundance Ion 225.00 (224.70 to 225.70): E  
100000  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.858 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

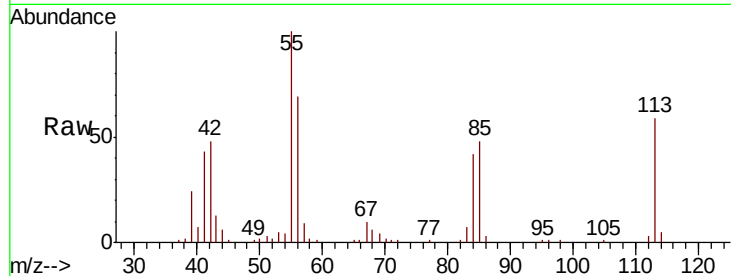
Tot Ion:113 Resp: 37032

Ion Ratio Lower Upper

113 100

55 168.4 144.2 184.2

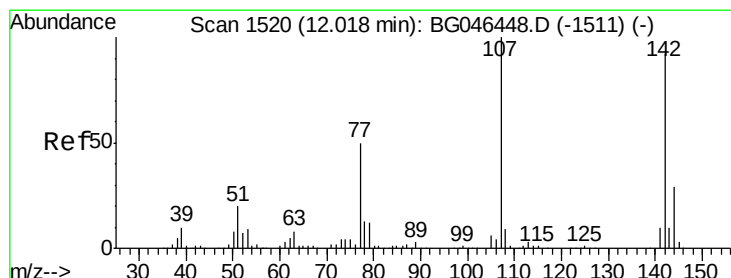
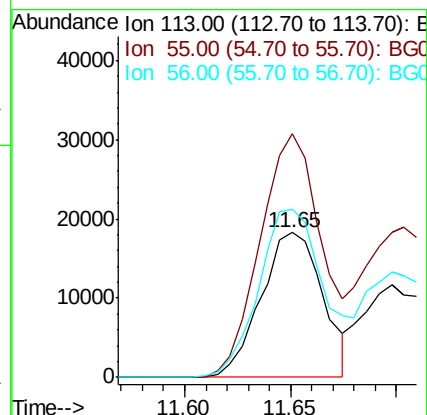
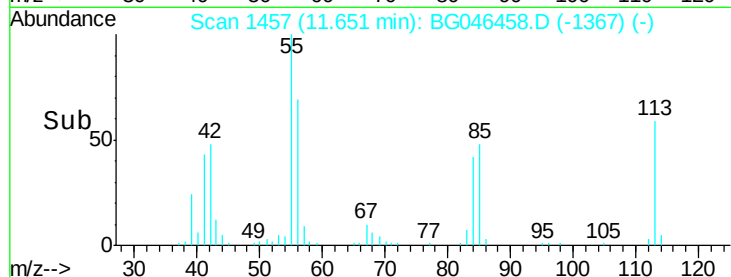
56 116.3 97.0 137.0



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: 45.495 ng

RT: 12.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

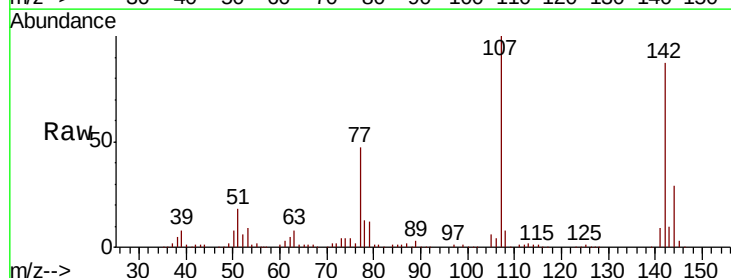
Tgt Ion:107 Resp: 201678

Ion Ratio Lower Upper

107 100

144 28.6 23.3 34.9

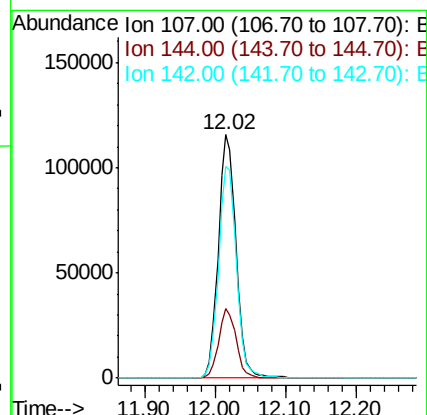
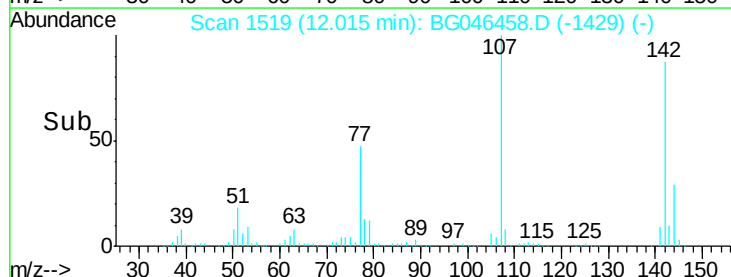
142 86.8 73.7 110.5

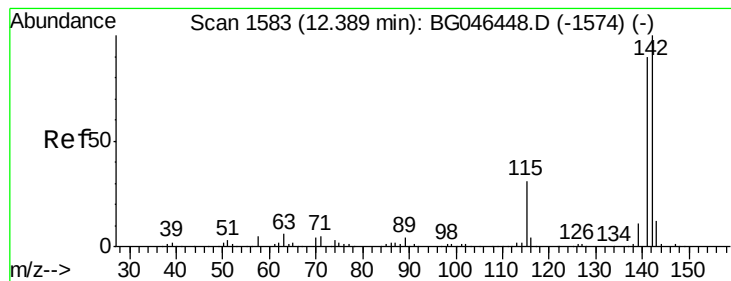


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.078 ng

RT: 12.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

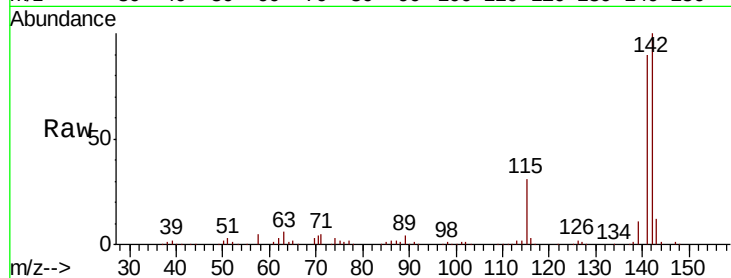
Tot Ion:142 Resp: 428761

Ion Ratio Lower Upper

142 100

141 89.9 72.1 108.1

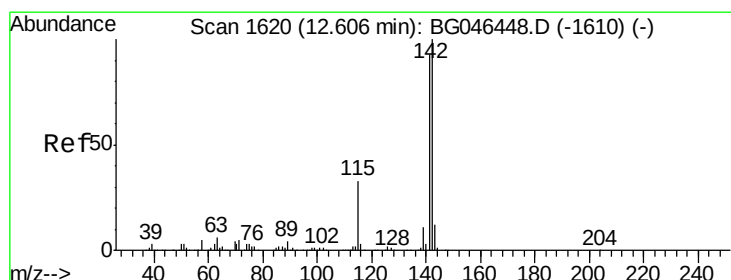
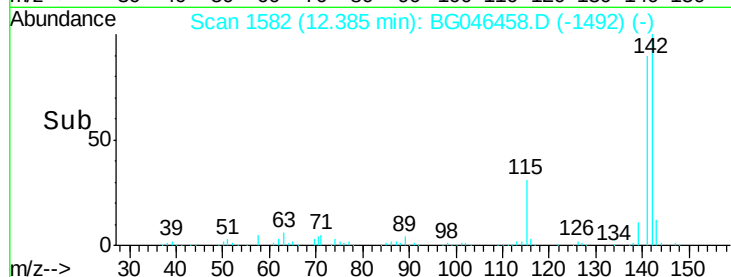
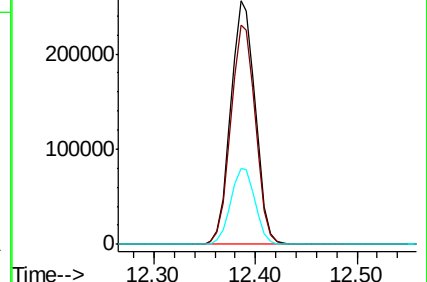
115 31.1 24.9 37.3



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: 41.546 ng

RT: 12.61 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

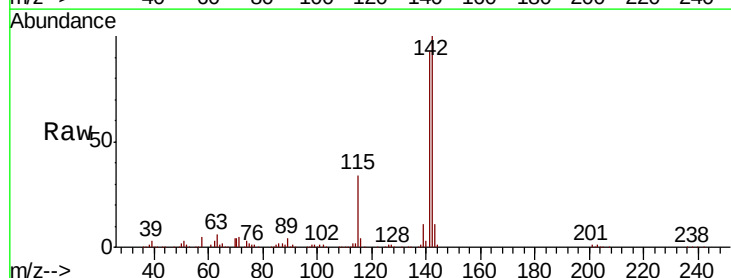
Tgt Ion:142 Resp: 410766

Ion Ratio Lower Upper

142 100

141 92.9 74.7 112.1

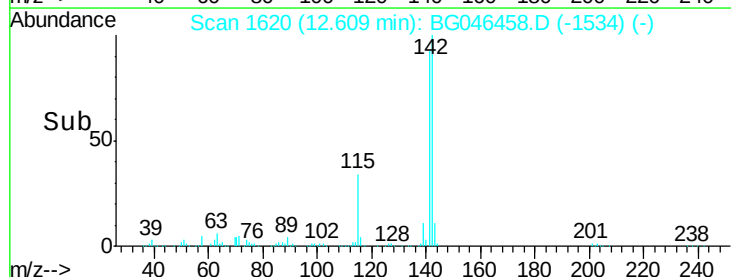
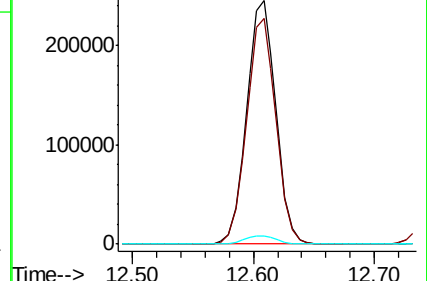
116 3.6 2.6 4.0

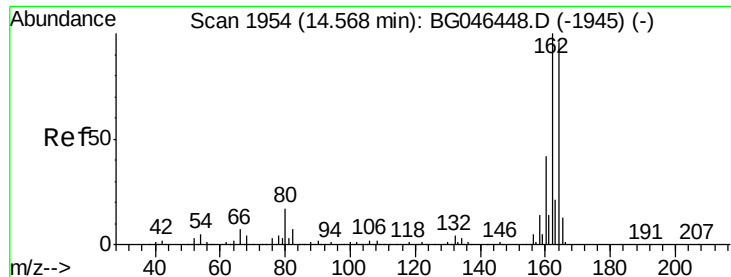


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.57 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

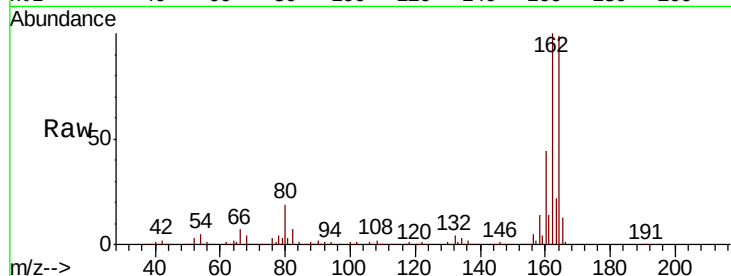
Tot Ion:164 Resp: 195481

Ion Ratio Lower Upper

164 100

162 101.3 83.3 124.9

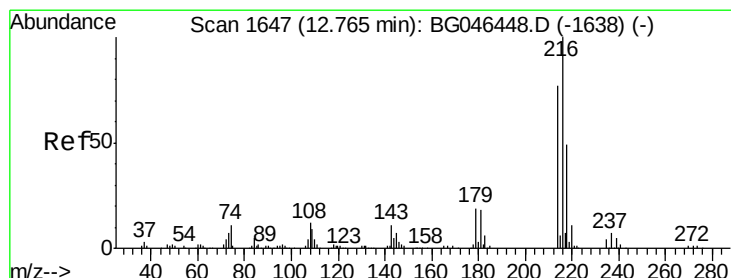
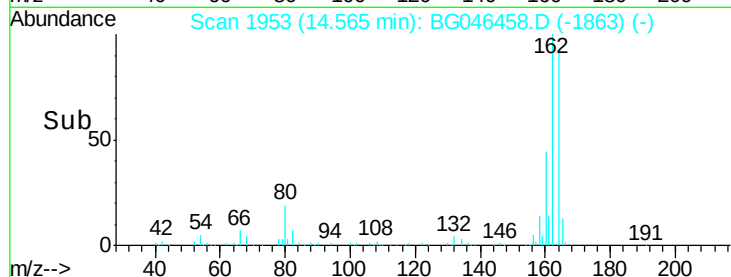
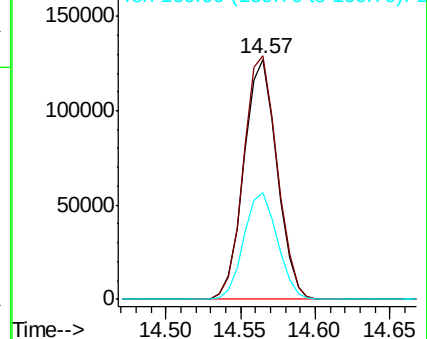
160 44.2 35.0 52.6



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: 39.412 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Tgt Ion:216 Resp: 254061

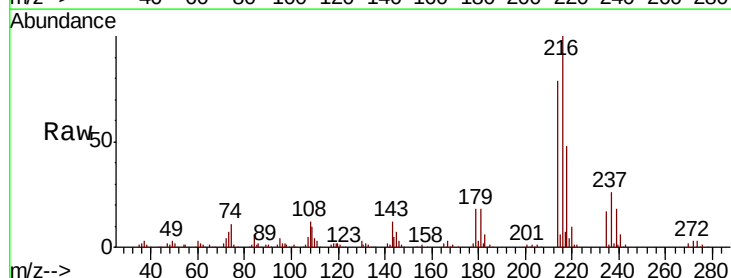
Ion Ratio Lower Upper

216 100

214 77.7 62.1 93.1

179 18.6 14.9 22.3

108 14.8 10.5 15.7

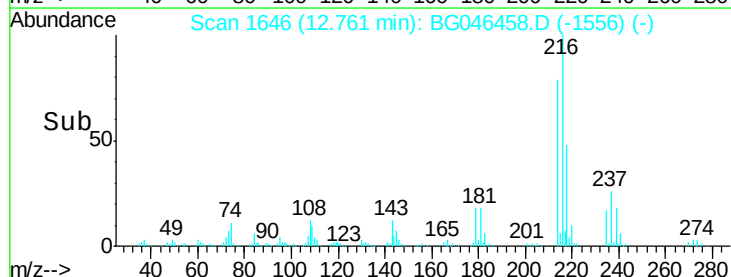
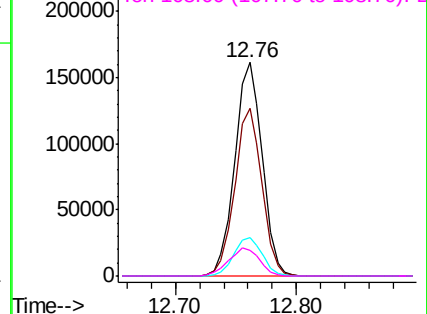


Abundance Ion 216.00 (215.70 to 216.70): E

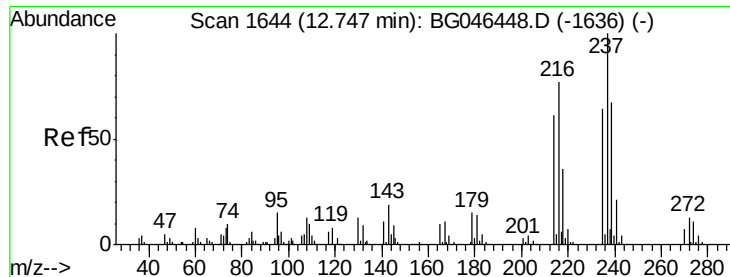
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 105.513 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

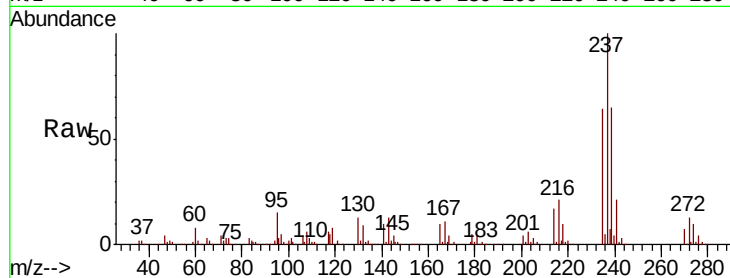
Tot Ion:237 Resp: 295750

Ion Ratio Lower Upper

237 100

235 64.2 44.5 84.5

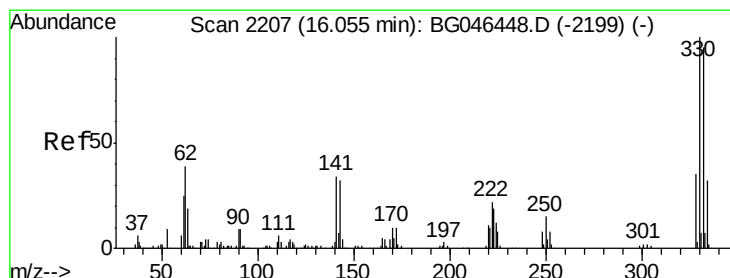
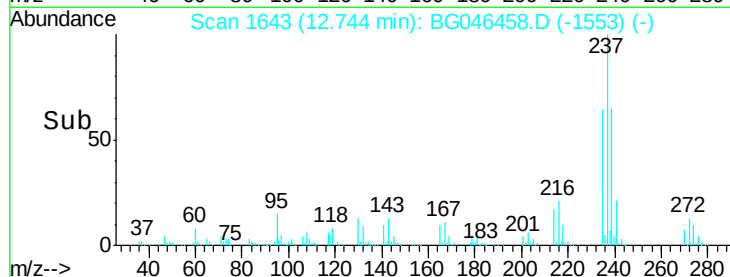
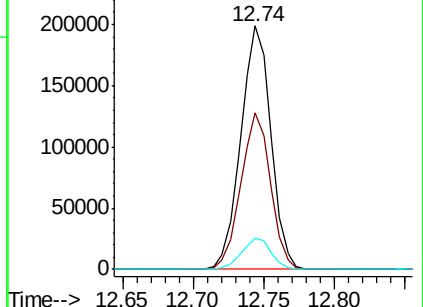
272 12.8 0.0 32.8



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: 107.987 ng

RT: 16.06 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

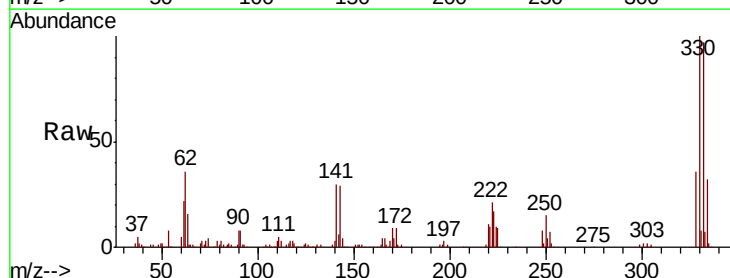
Tgt Ion:330 Resp: 286017

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

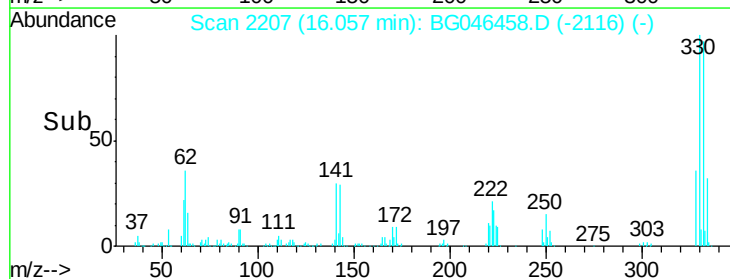
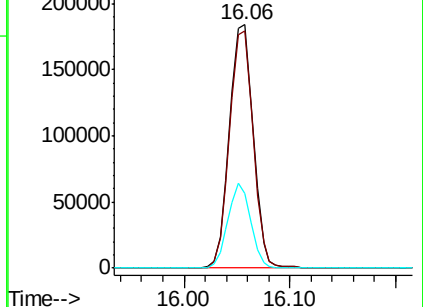
141 33.4 26.1 39.1

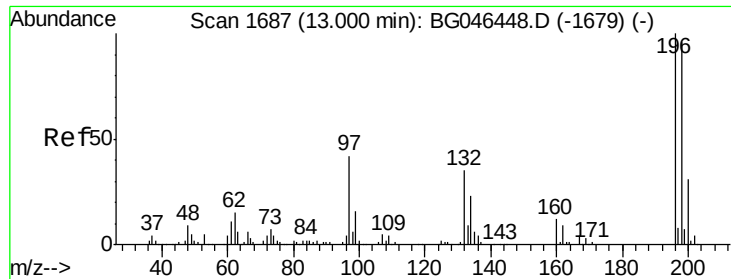


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

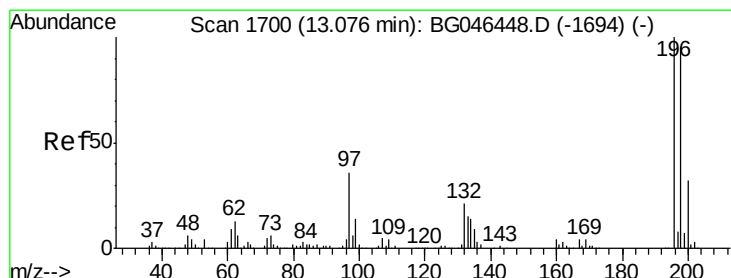
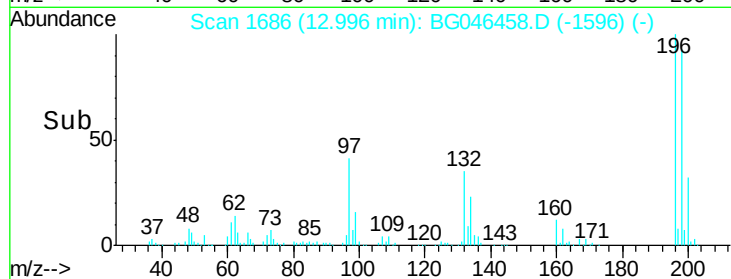
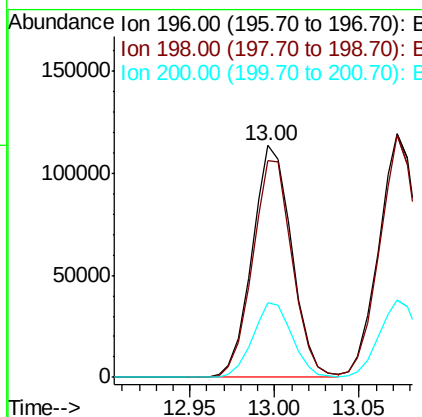
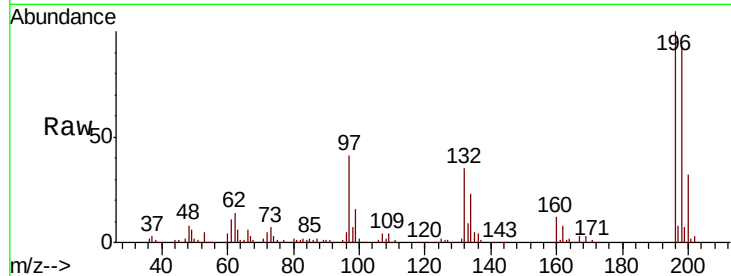




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.351 ng  
 RT: 13.00 min Scan# 1686  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

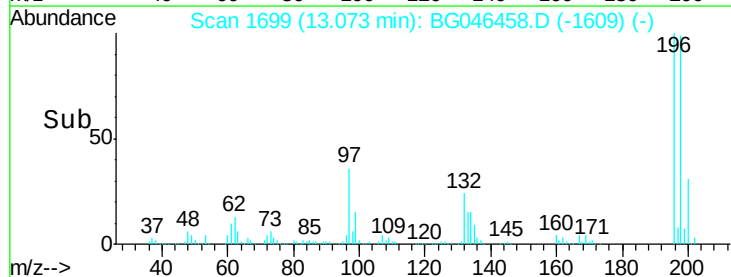
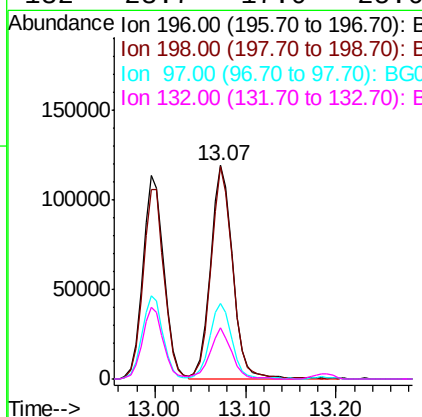
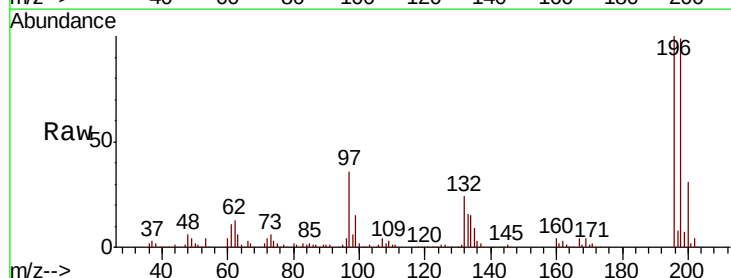
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131215BS

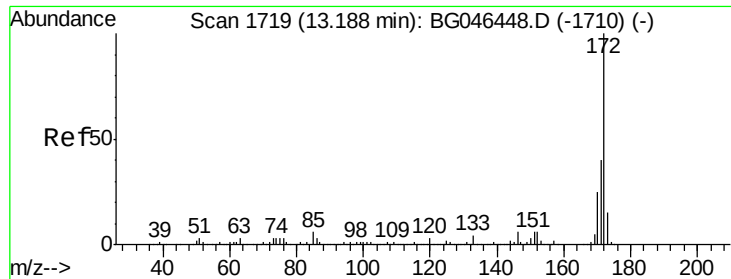
Tot Ion:196 Resp: 184233  
 Ion Ratio Lower Upper  
 196 100  
 198 93.4 77.0 115.6  
 200 32.0 25.2 37.8



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.982 ng  
 RT: 13.07 min Scan# 1699  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

Tgt Ion:196 Resp: 201019  
 Ion Ratio Lower Upper  
 196 100  
 198 99.5 75.6 113.4  
 97 35.7 28.6 43.0  
 132 23.7 17.0 25.6

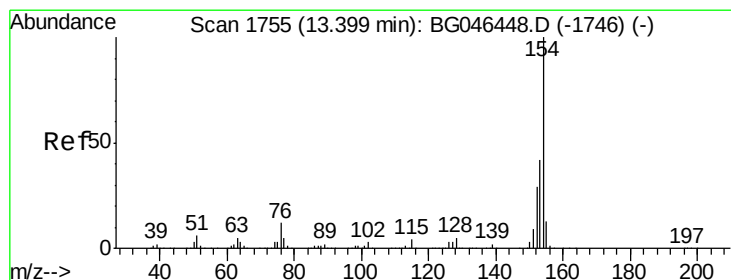
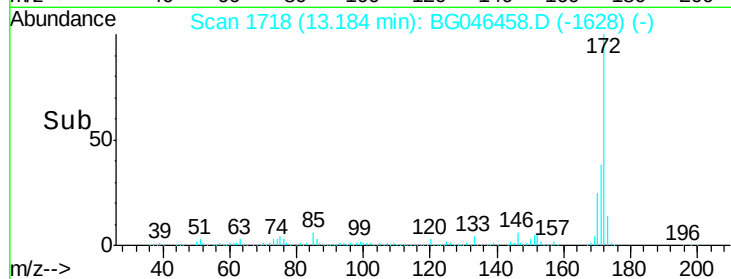
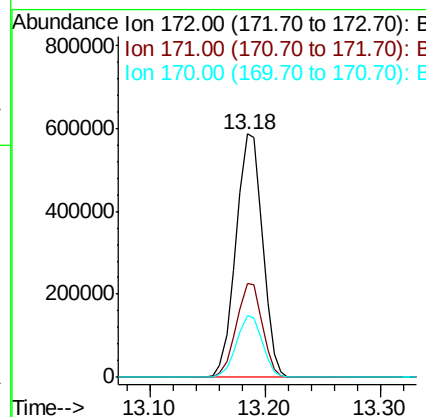
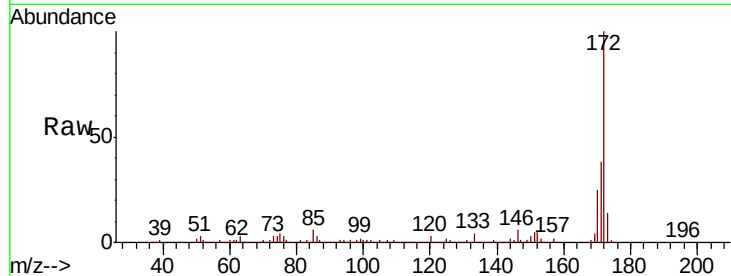




#45  
 2-Fluorobiphenyl  
 Concen: 73.164 ng  
 RT: 13.18 min Scan# 1718  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

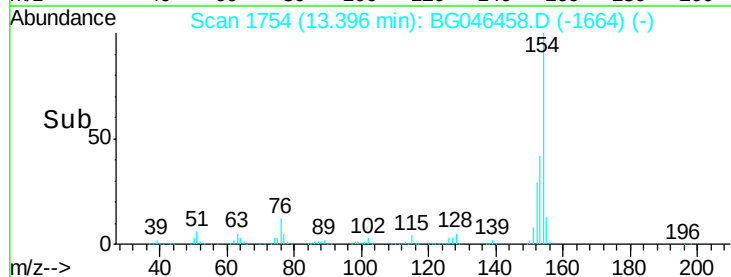
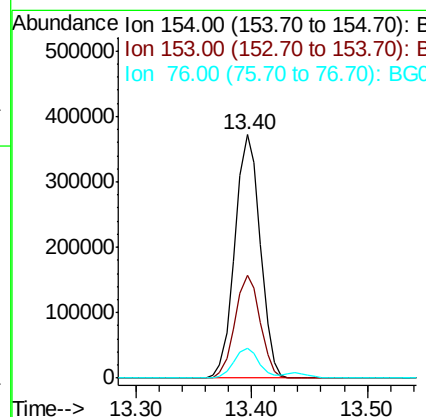
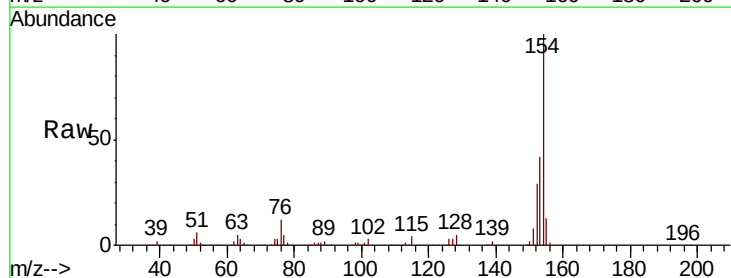
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131215BS

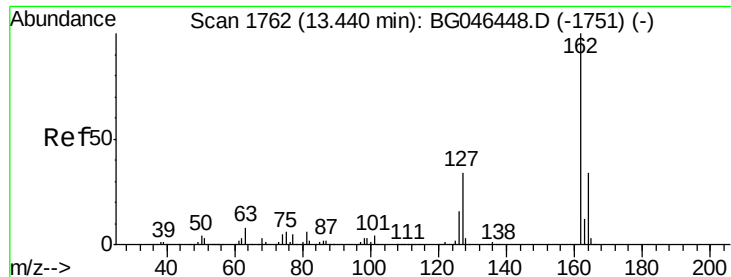
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.4  | 31.8  | 47.6  |
| 170     | 25.4  | 20.3  | 30.5  |



#46  
 1,1'-Biphenyl  
 Concen: 41.613 ng  
 RT: 13.40 min Scan# 1754  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.5  | 22.0  | 62.0  |
| 76      | 12.0  | 0.0   | 32.3  |

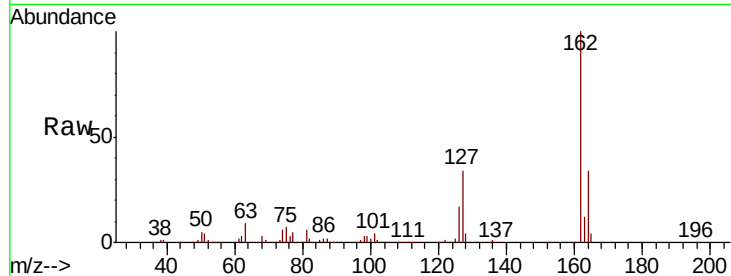




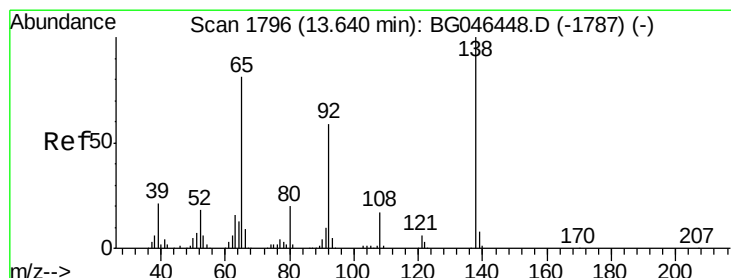
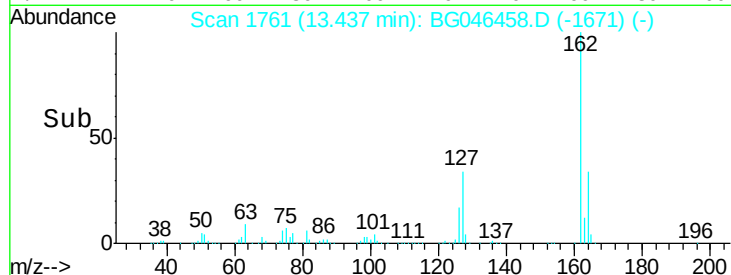
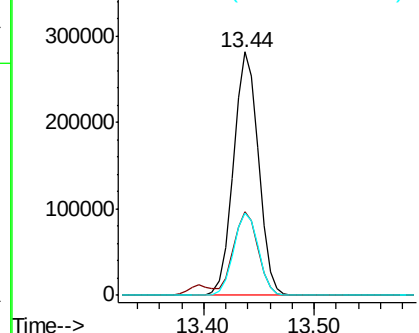
#47  
2-Chloronaphthalene  
Concen: 38.652 ng  
RT: 13.44 min Scan# 1761  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

Tot Ion:162 Resp: 445705  
Ion Ratio Lower Upper  
162 100  
127 34.2 27.6 41.4  
164 33.6 27.3 40.9

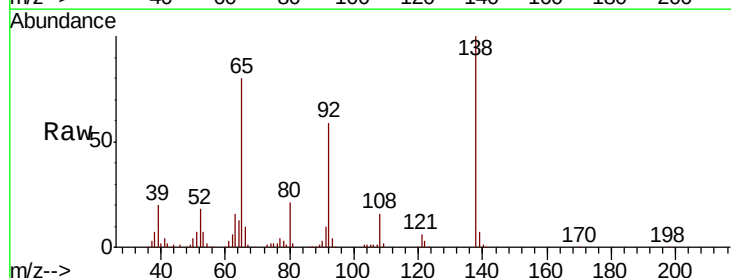


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

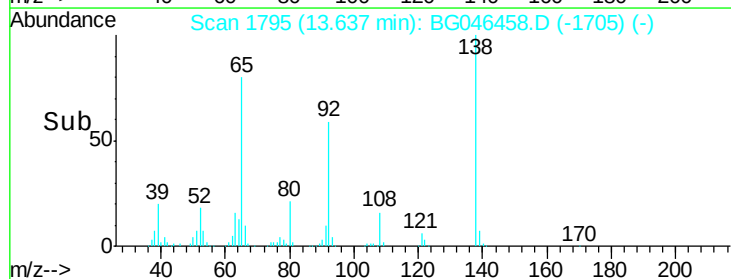
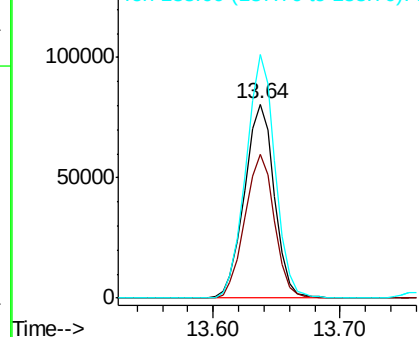


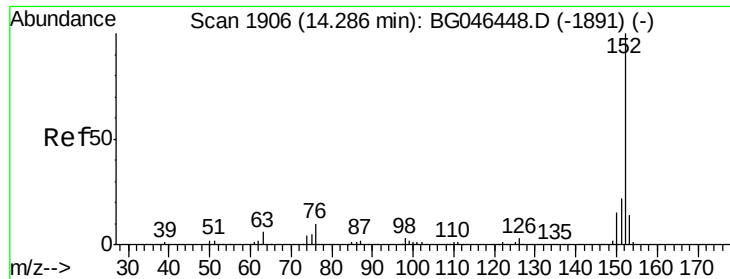
#48  
2-Nitroaniline  
Concen: 41.118 ng  
RT: 13.64 min Scan# 1795  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Tgt Ion: 65 Resp: 131658  
Ion Ratio Lower Upper  
65 100  
92 74.5 58.5 87.7  
138 125.7 98.4 147.6



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: 42.856 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

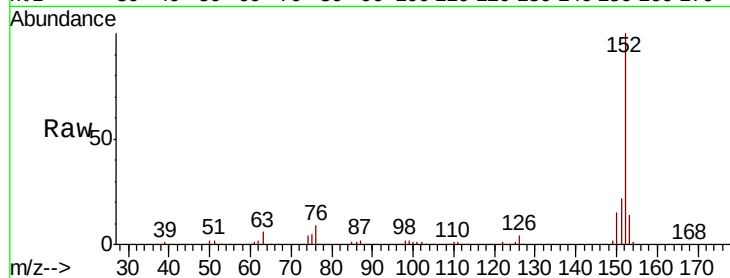
Tot Ion:152 Resp: 749640

Ion Ratio Lower Upper

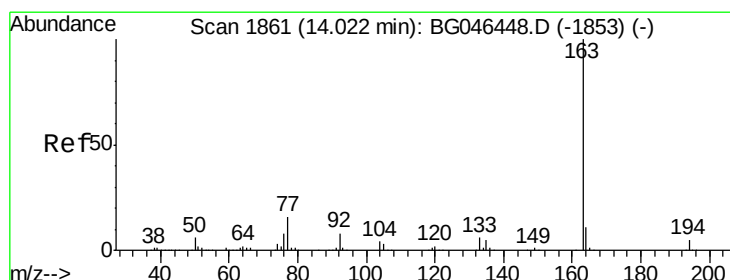
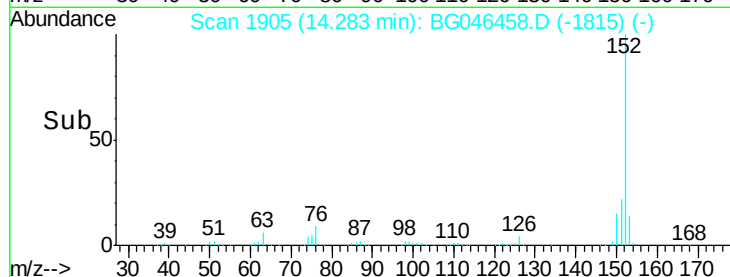
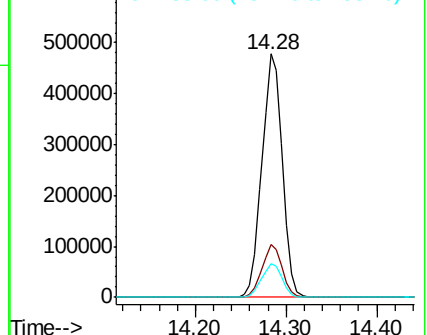
152 100

151 21.7 17.7 26.5

153 13.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.405 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

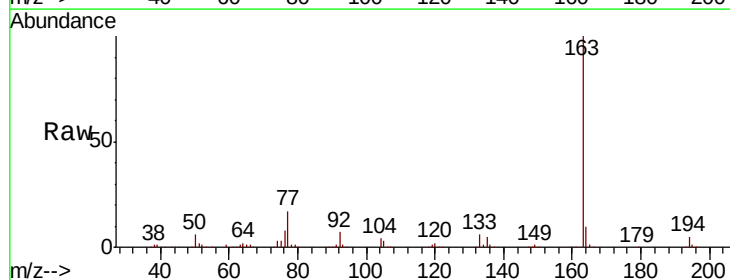
Tgt Ion:163 Resp: 626187

Ion Ratio Lower Upper

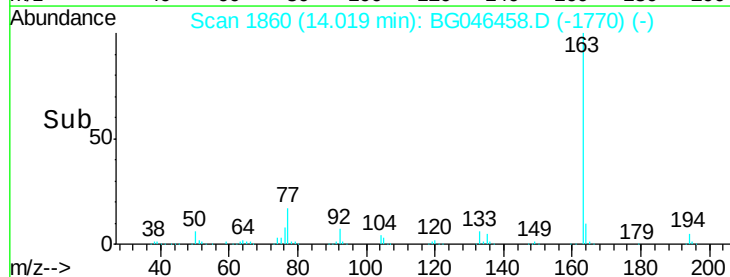
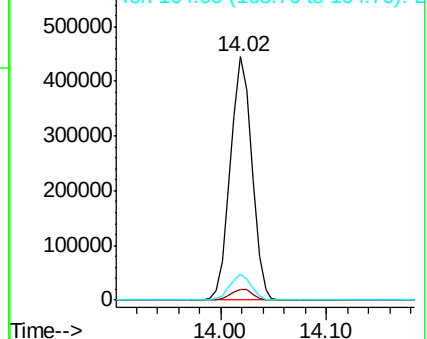
163 100

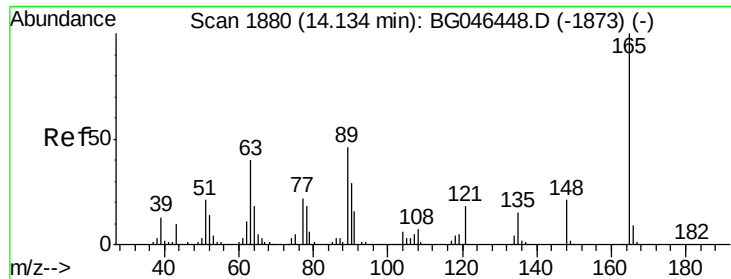
194 4.6 3.7 5.5

164 10.5 8.6 12.8



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

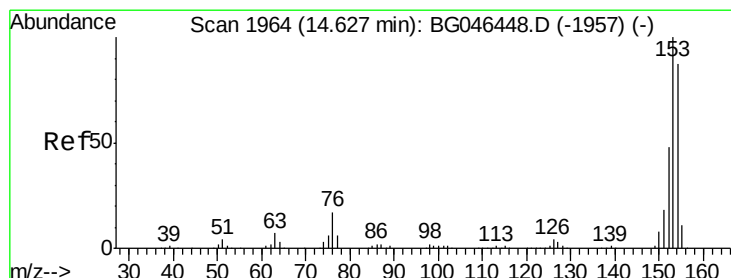
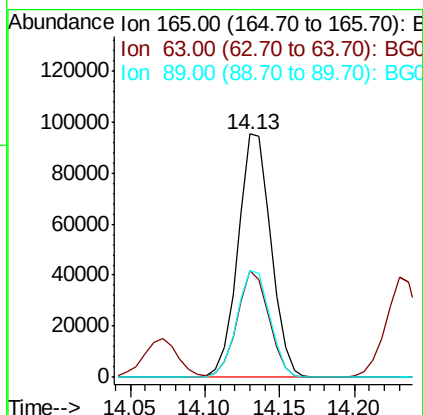
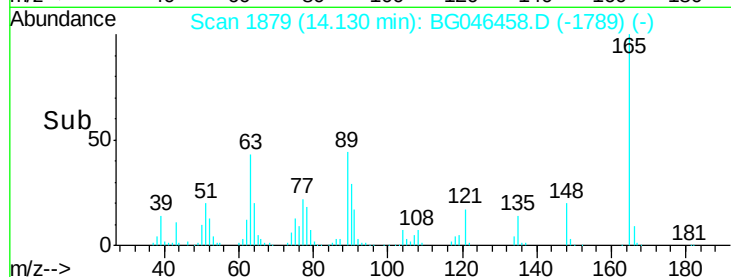
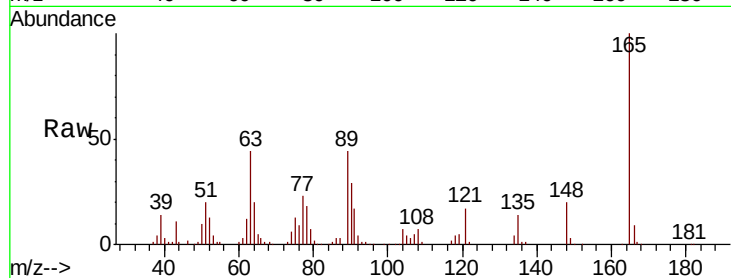




#51  
 2,6-Dinitrotoluene  
 Concen: 43.735 ng  
 RT: 14.13 min Scan# 1879  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

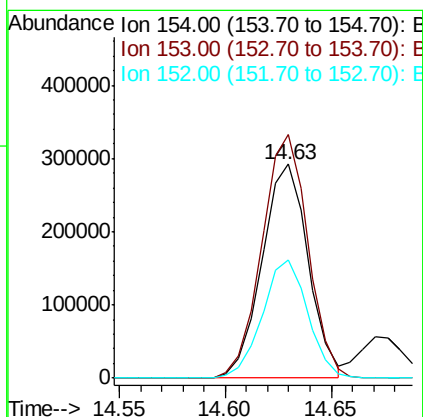
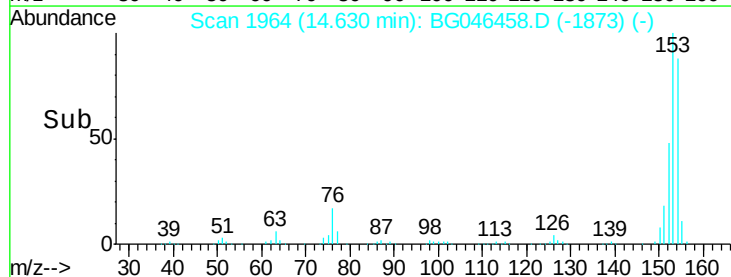
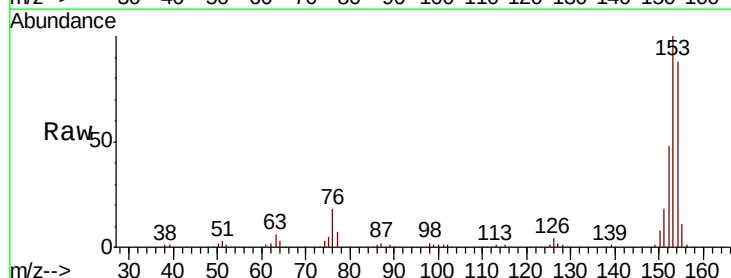
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131215BS

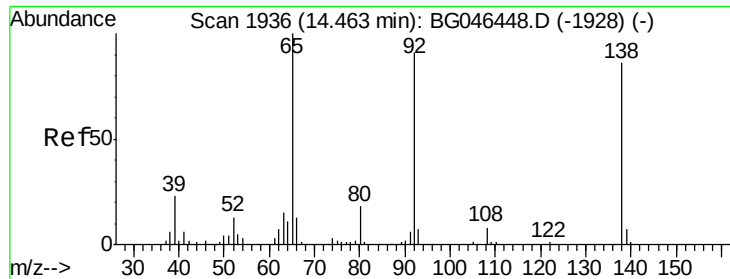
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.6  | 34.2  | 51.4  |
| 89      | 43.7  | 37.0  | 55.4  |



#52  
 Acenaphthene  
 Concen: 41.101 ng  
 RT: 14.63 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.9 | 91.9  | 137.9 |
| 152     | 55.2  | 43.8  | 65.6  |

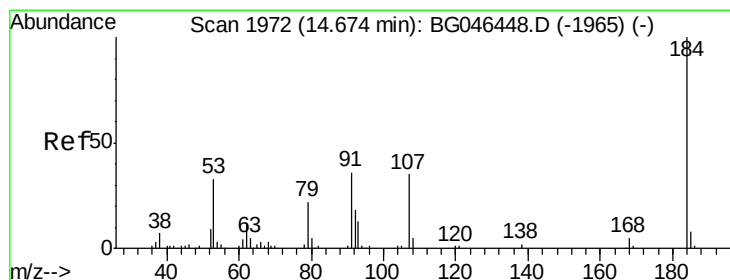
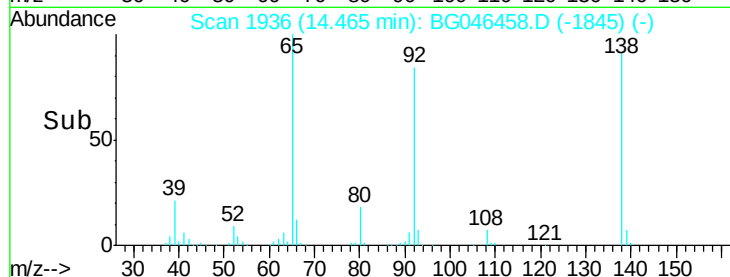
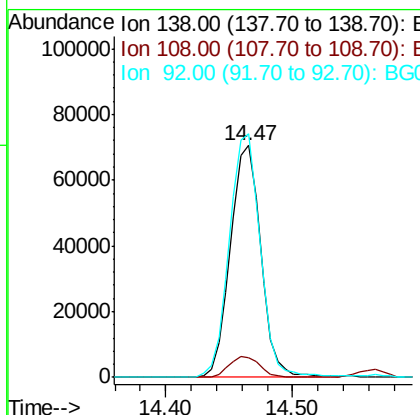
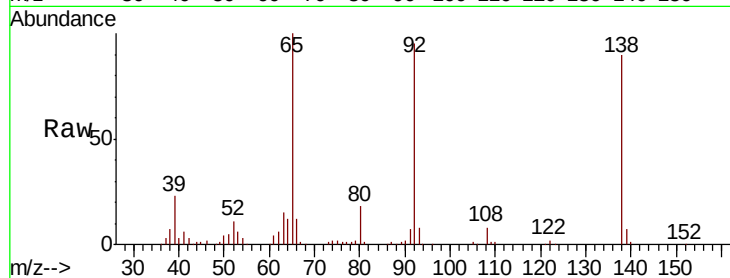




#53  
3-Nitroaniline  
Concen: 32.518 ng  
RT: 14.47 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

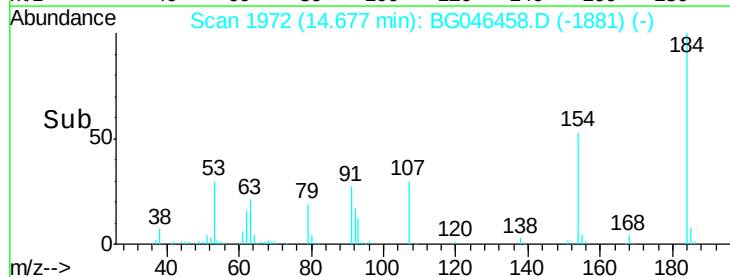
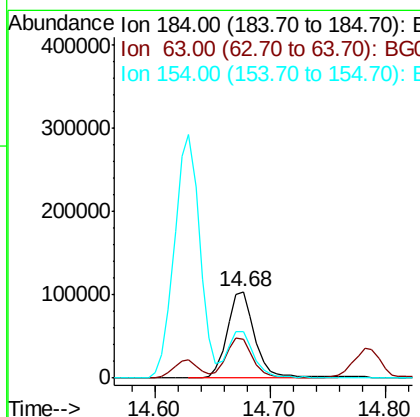
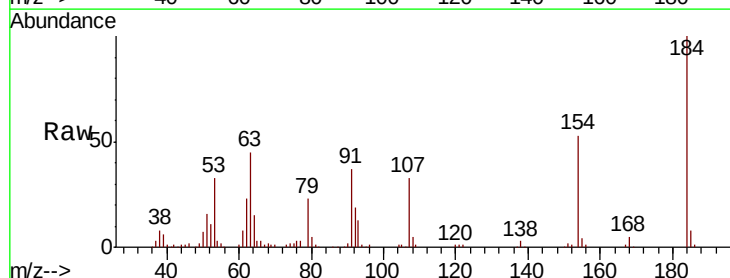
Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

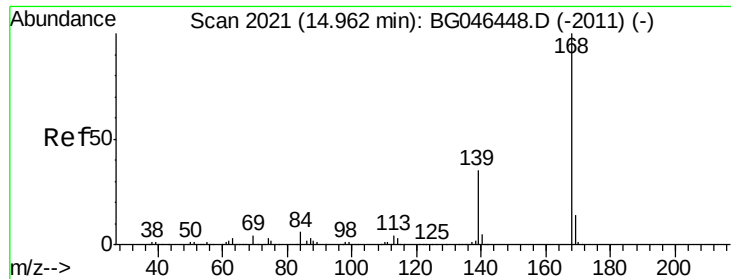
Tot Ion:138 Resp: 117425  
Ion Ratio Lower Upper  
138 100  
108 8.5 7.0 10.6  
92 105.0 84.6 127.0



#54  
2,4-Dinitrophenol  
Concen: 88.464 ng  
RT: 14.68 min Scan# 1972  
Delta R.T. 0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Tgt Ion:184 Resp: 172144  
Ion Ratio Lower Upper  
184 100  
63 44.6 35.6 53.4  
154 53.0 44.3 66.5

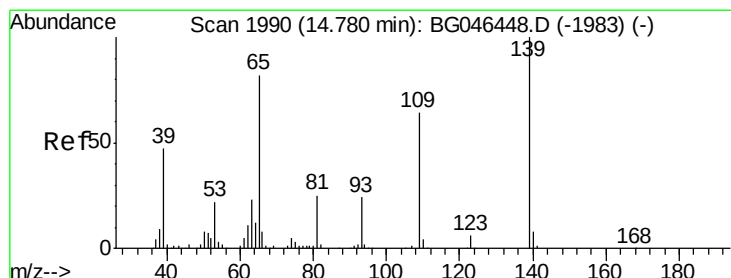
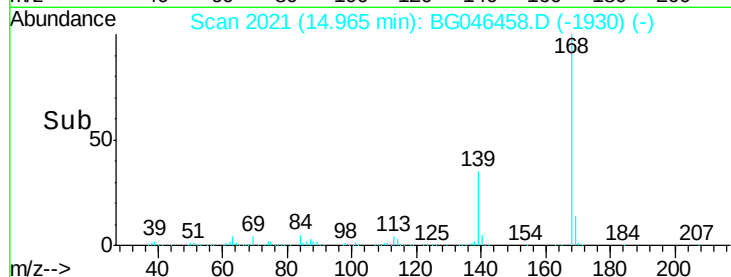
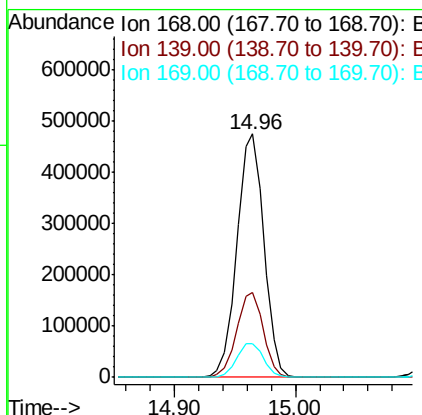
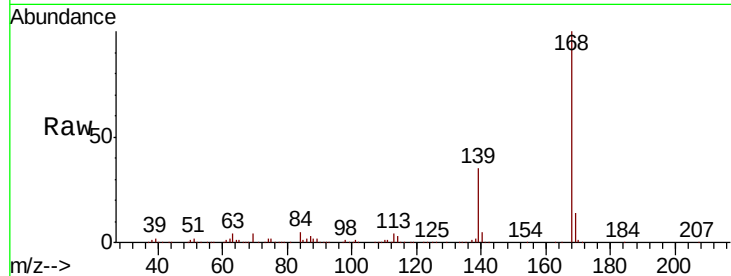




#55  
Dibenzofuran  
Concen: 42.480 ng  
RT: 14.96 min Scan# 2021  
Delta R.T. 0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

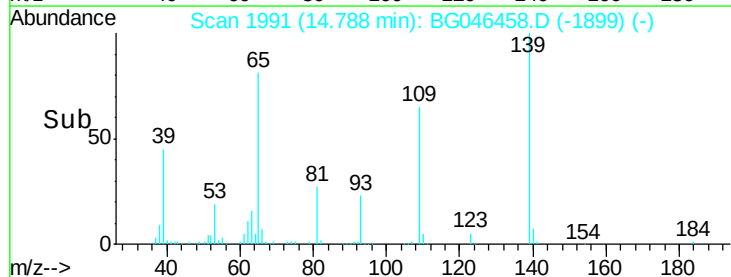
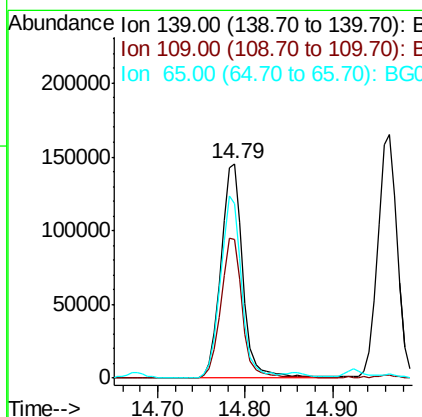
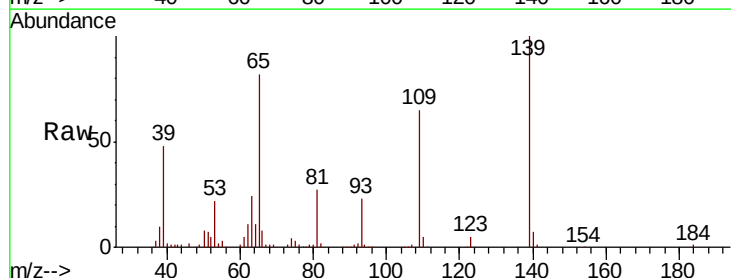
Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

Tot Ion:168 Resp: 738973  
Ion Ratio Lower Upper  
168 100  
139 34.8 28.1 42.1  
169 13.8 11.5 17.3

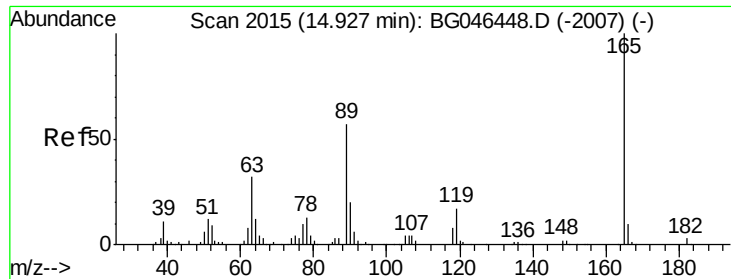


#56  
4-Nitrophenol  
Concen: 95.603 ng  
RT: 14.79 min Scan# 1991  
Delta R.T. 0.01 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Tgt Ion:139 Resp: 254076  
Ion Ratio Lower Upper  
139 100  
109 64.8 44.3 84.3  
65 81.7 61.5 101.5



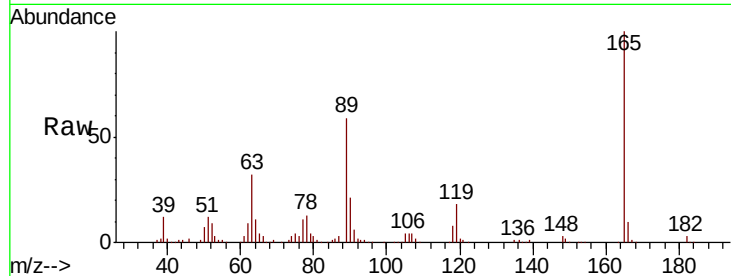




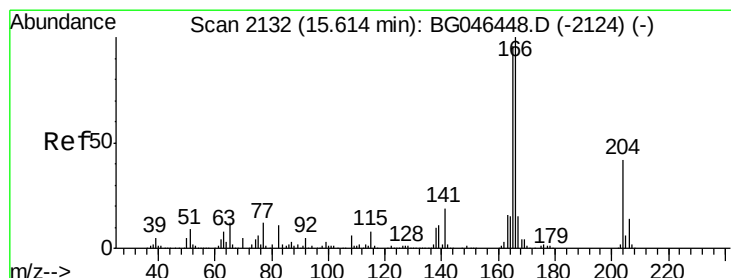
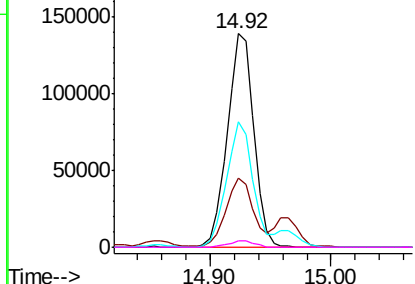
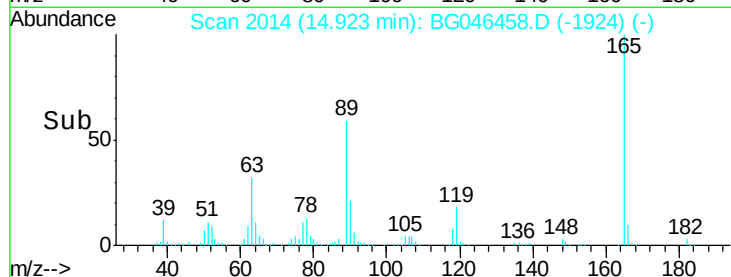
#57  
 2,4-Dinitrotoluene  
 Concen: 44.433 ng  
 RT: 14.92 min Scan# 2014  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131215BS

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:165 | Resp: | 211210      |
| Ion         | Ratio | Lower Upper |
| 165         | 100   |             |
| 63          | 32.2  | 25.4 38.0   |
| 89          | 58.7  | 45.9 68.9   |
| 182         | 3.0   | 2.3 3.5     |

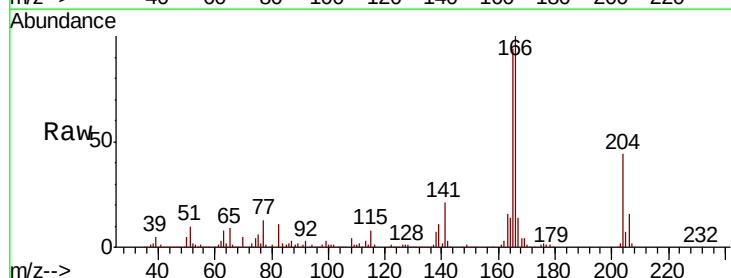


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

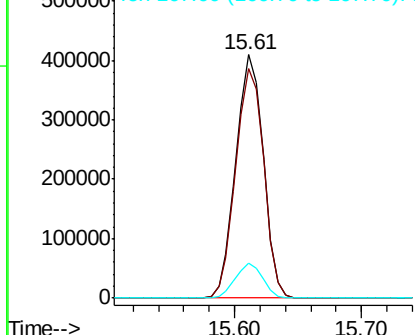
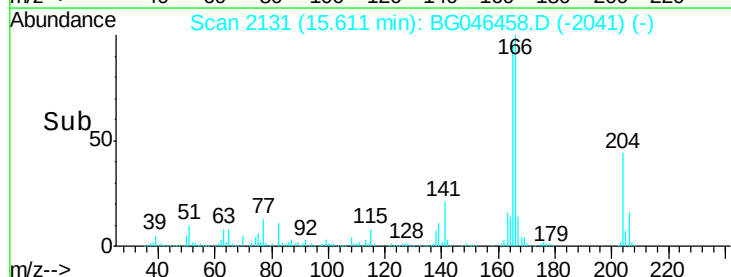


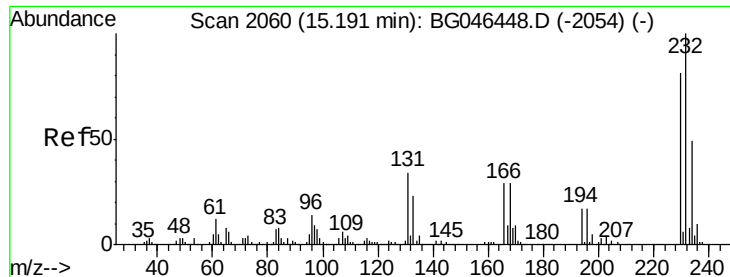
#58  
 Fluorene  
 Concen: 42.113 ng  
 RT: 15.61 min Scan# 2131  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:166 | Resp: | 614860      |
| Ion         | Ratio | Lower Upper |
| 166         | 100   |             |
| 165         | 94.4  | 77.0 115.4  |
| 167         | 14.3  | 11.8 17.6   |



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

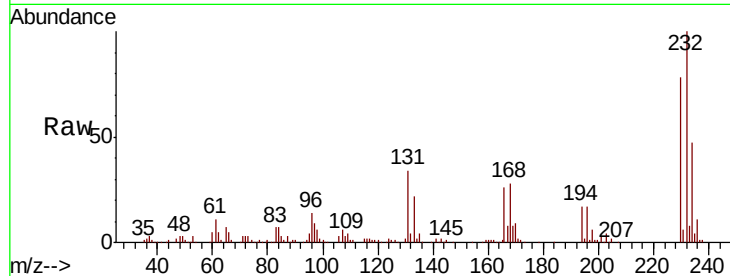




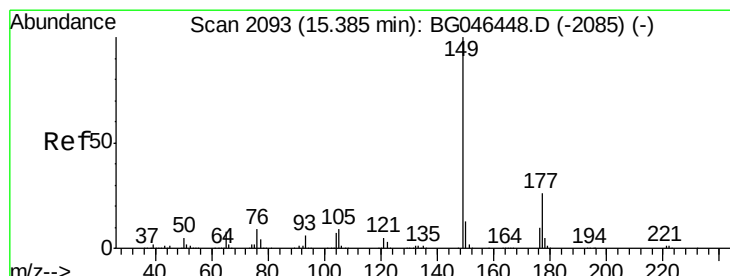
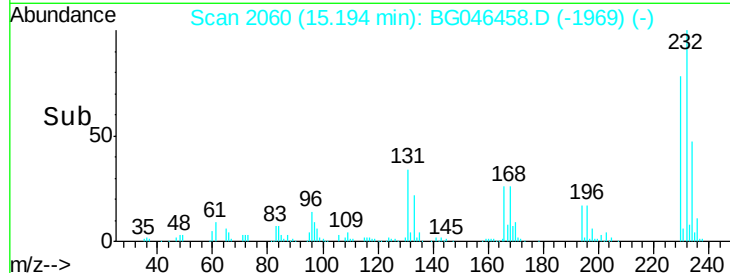
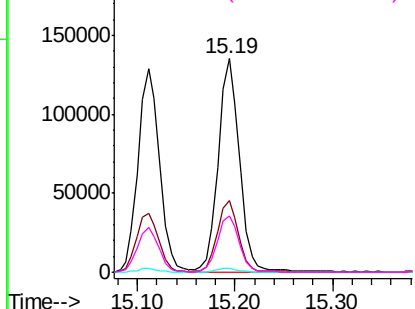
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.824 ng  
 RT: 15.19 min Scan# 2060  
 Delta R.T. 0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131215BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 203382 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 34.1  | 26.8  | 40.2   |
| 130      | 2.0   | 1.4   | 2.2    |
| 166      | 26.6  | 22.8  | 34.2   |

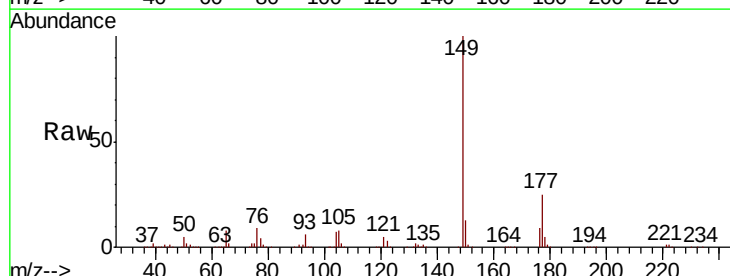


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

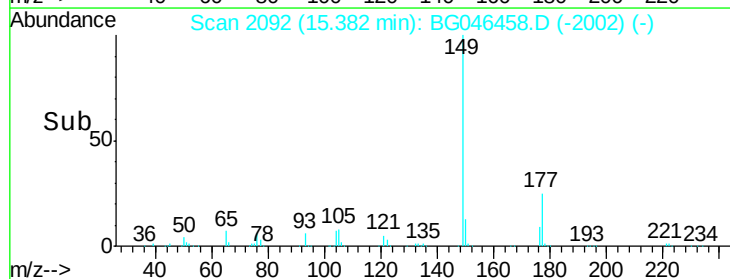
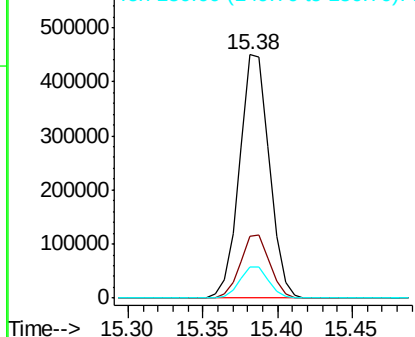


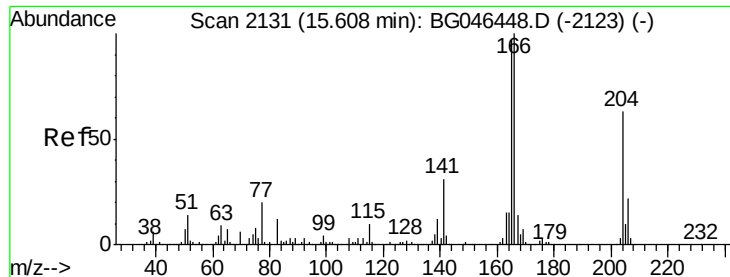
#60  
 Diethylphthalate  
 Concen: 42.218 ng  
 RT: 15.38 min Scan# 2092  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 622514 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 25.3  | 20.6  | 30.8   |
| 150      | 12.6  | 10.3  | 15.5   |



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

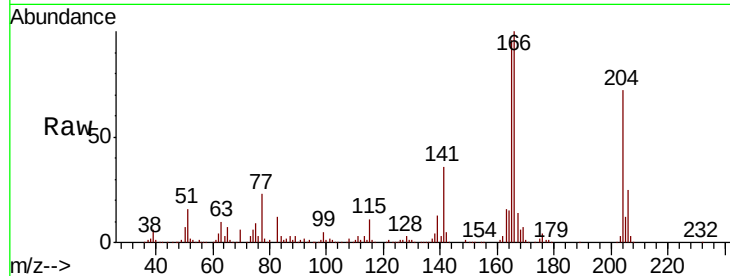




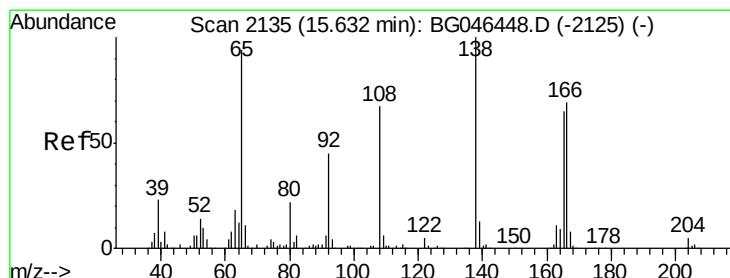
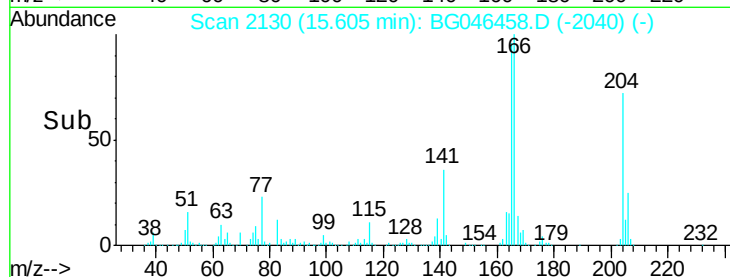
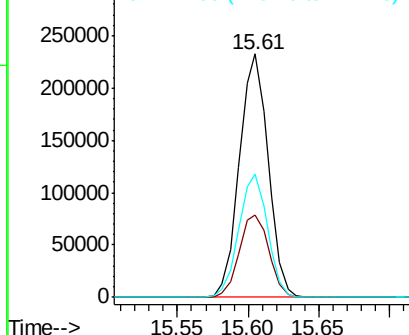
#61  
4-Chlorophenyl-phenylether  
Concen: 41.252 ng  
RT: 15.61 min Scan# 2130  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

Tot Ion:204 Resp: 331706  
Ion Ratio Lower Upper  
204 100  
206 34.1 27.7 41.5  
141 50.4 38.7 58.1

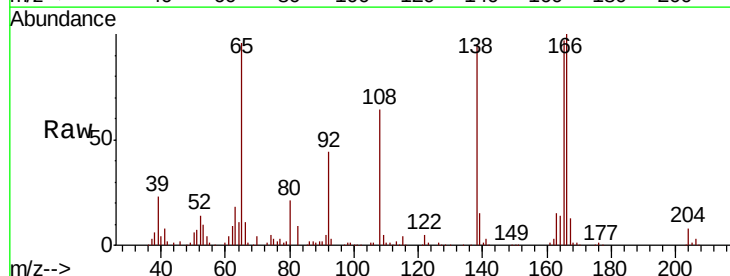


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

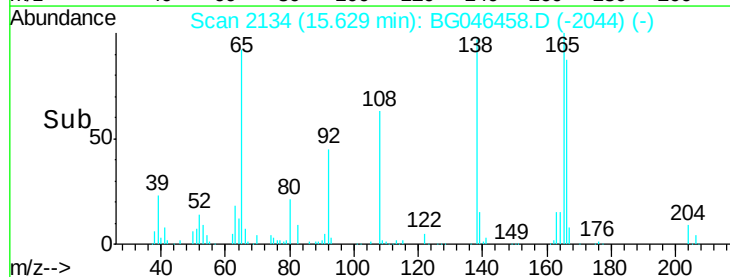
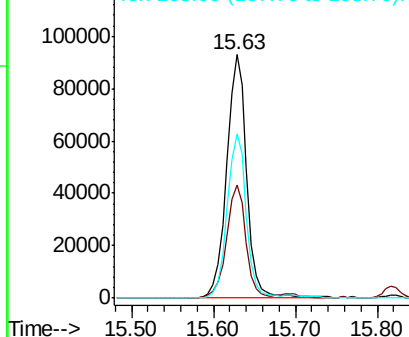


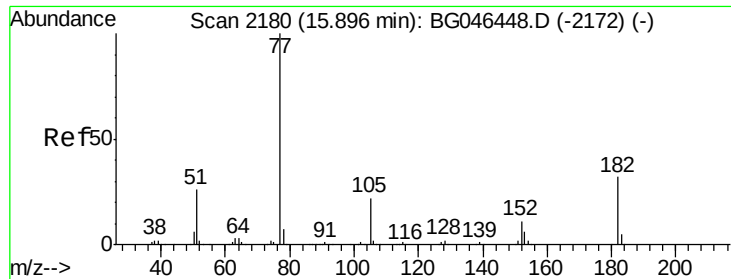
#62  
4-Nitroaniline  
Concen: 41.559 ng  
RT: 15.63 min Scan# 2134  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Tgt Ion:138 Resp: 158352  
Ion Ratio Lower Upper  
138 100  
92 46.6 25.3 65.3  
108 67.4 46.7 86.7



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

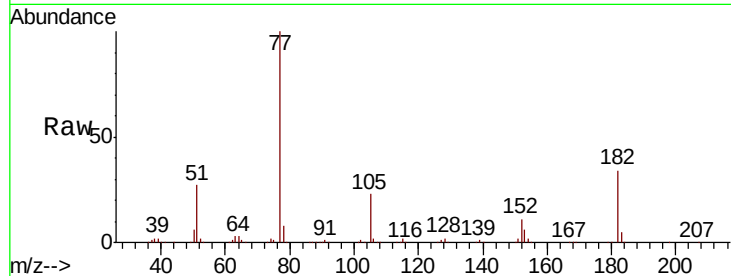




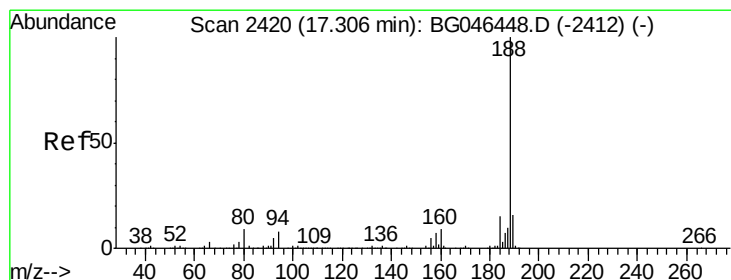
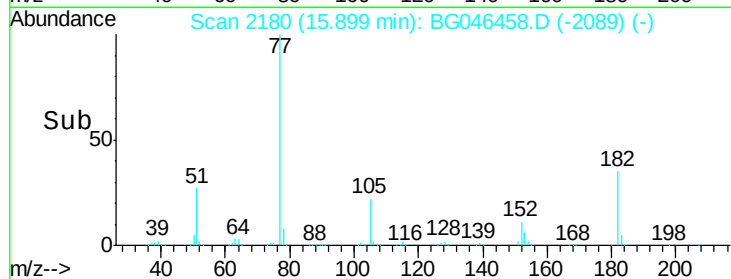
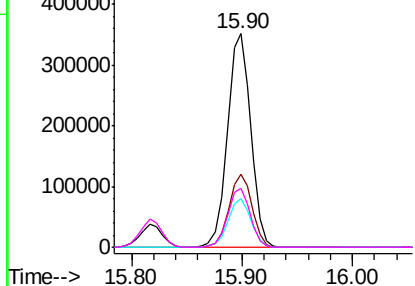
#63  
Azobenzene  
Concen: 43.396 ng  
RT: 15.90 min Scan# 2180  
Delta R.T. 0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 520508 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 34.3  | 12.3  | 52.3   |
| 105      | 22.9  | 2.3   | 42.3   |
| 51       | 27.4  | 6.5   | 46.5   |

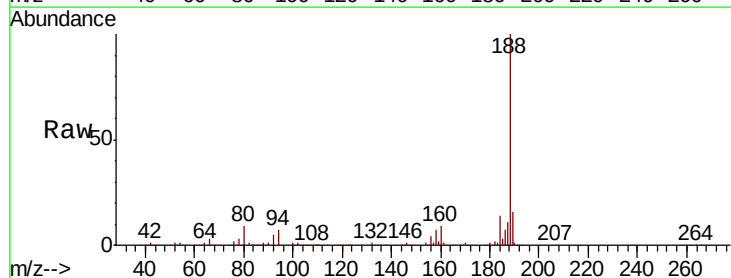


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

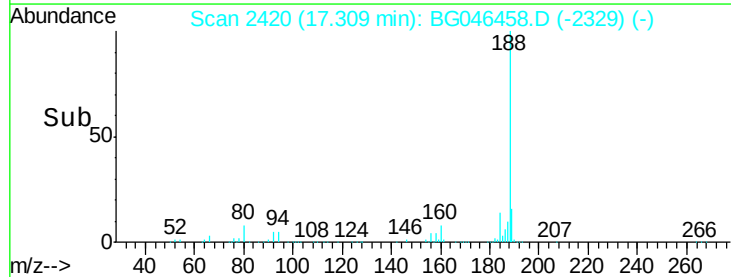
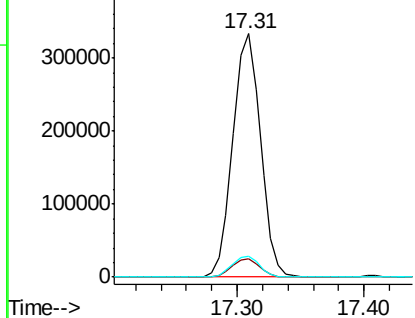


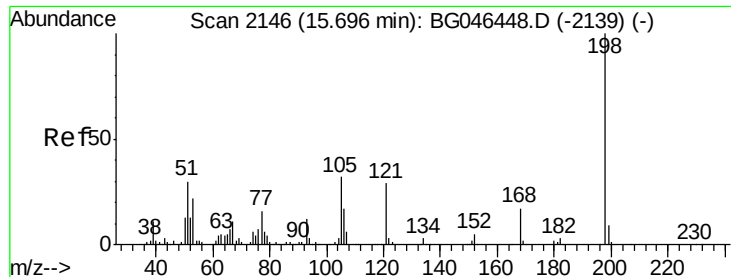
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.31 min Scan# 2420  
Delta R.T. 0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 503126 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 7.4   | 6.3   | 9.5    |
| 80       | 8.6   | 6.9   | 10.3   |



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





#65

4,6-Dinitro-2-methylphenol

Concen: 47.548 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

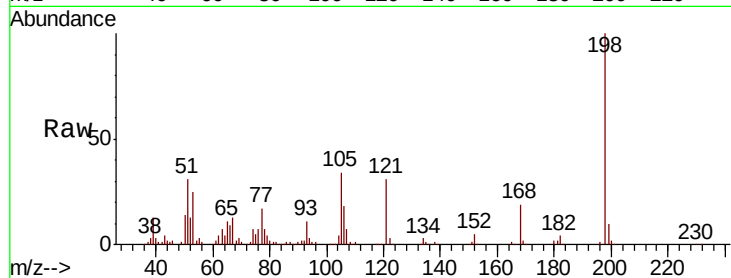
Tot Ion:198 Resp: 135404

Ion Ratio Lower Upper

198 100

51 31.0 10.4 50.4

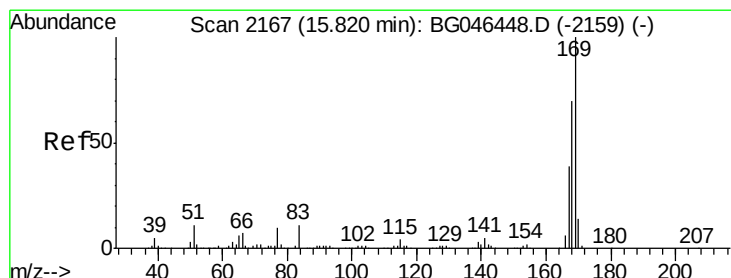
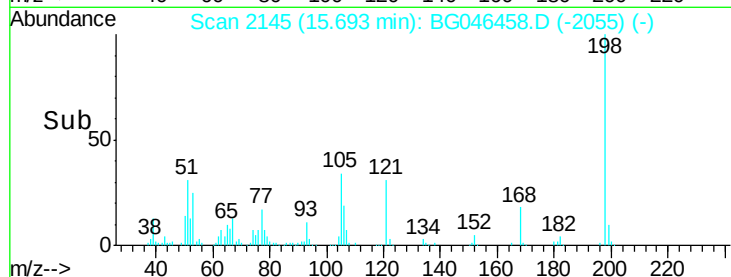
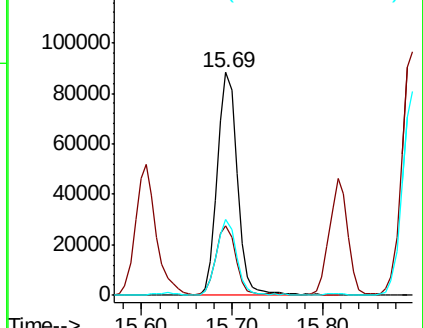
105 34.1 12.4 52.4



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: 42.053 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

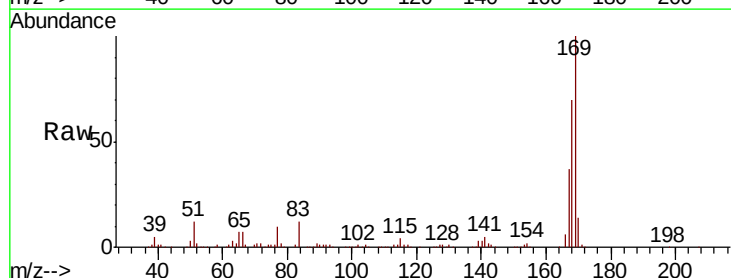
Tgt Ion:169 Resp: 570800

Ion Ratio Lower Upper

169 100

168 70.2 55.8 83.8

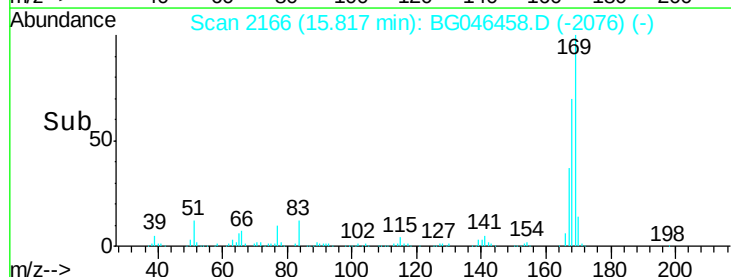
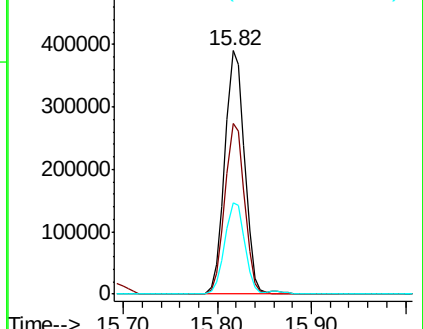
167 37.5 31.0 46.6

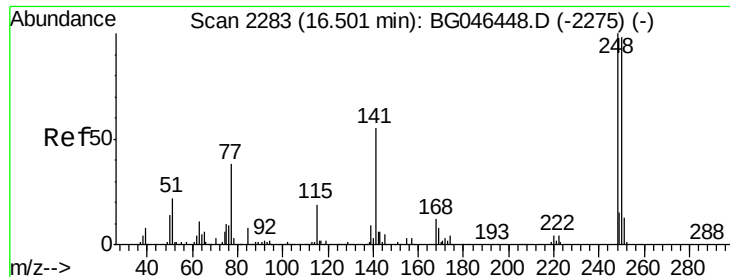


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

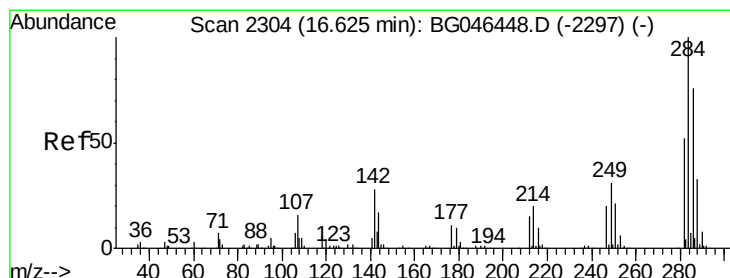
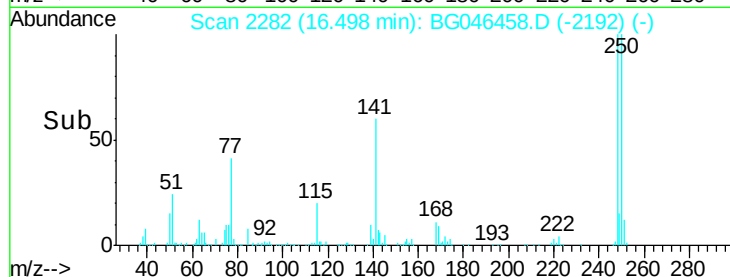
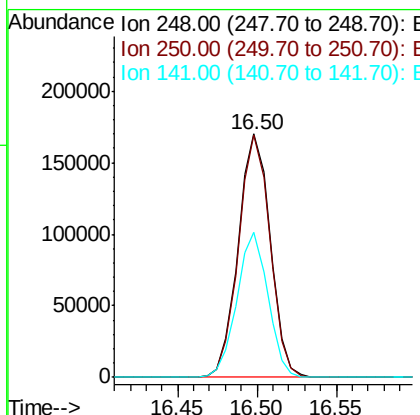
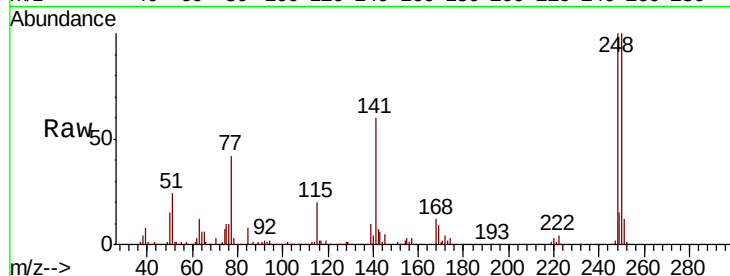




#67  
4-Bromophenyl-phenylether  
Concen: 40.676 ng  
RT: 16.50 min Scan# 2282  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

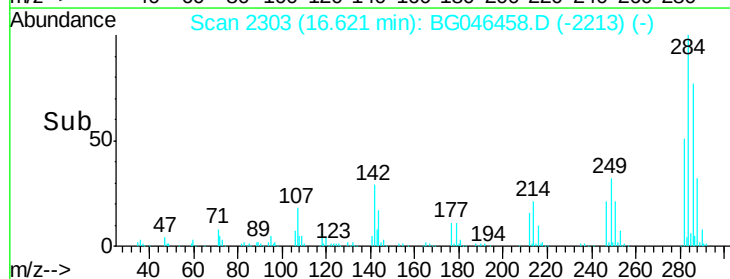
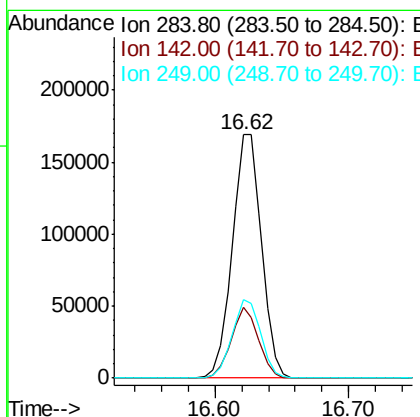
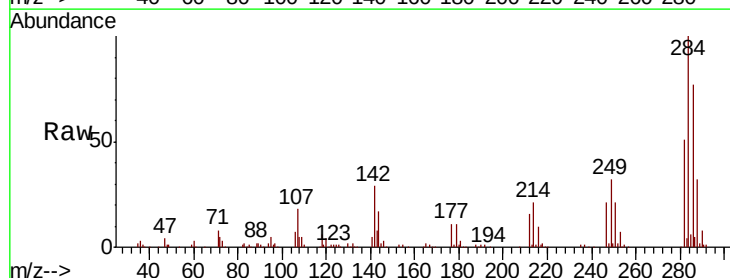
Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

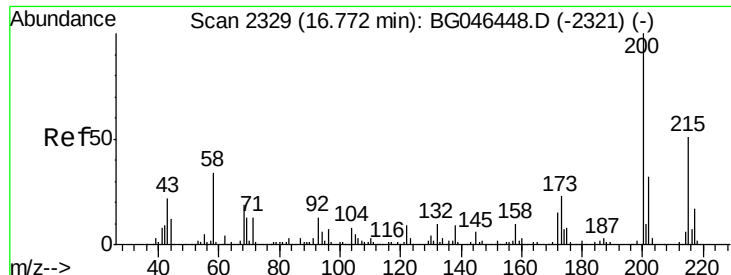
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.7  | 78.6  | 118.0 |
| 141     | 59.7  | 43.9  | 65.9  |



#68  
Hexachlorobenzene  
Concen: 39.401 ng  
RT: 16.62 min Scan# 2303  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.1  | 22.3  | 33.5  |
| 249     | 32.5  | 24.8  | 37.2  |





#69

Atrazine

Concen: 40.051 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

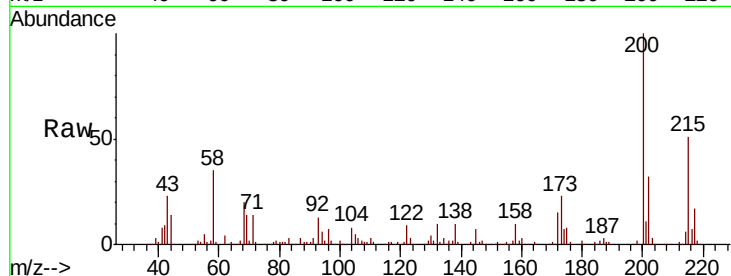
Tot Ion:200 Resp: 221773

Ion Ratio Lower Upper

200 100

173 23.3 3.3 43.3

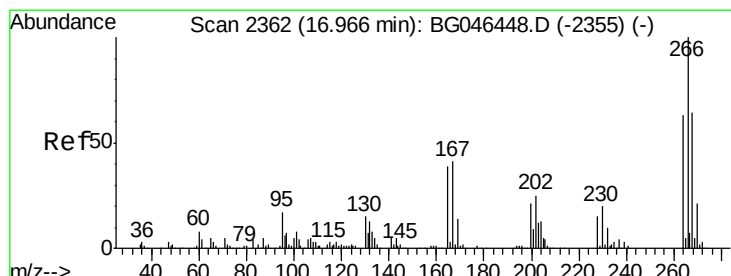
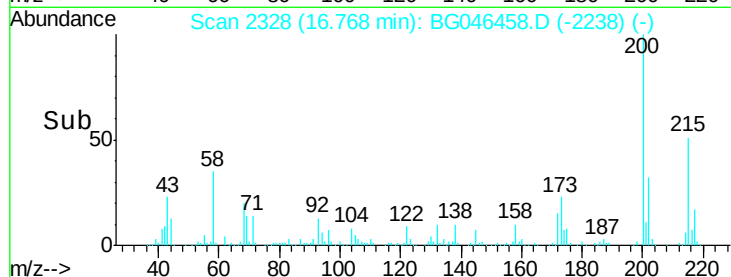
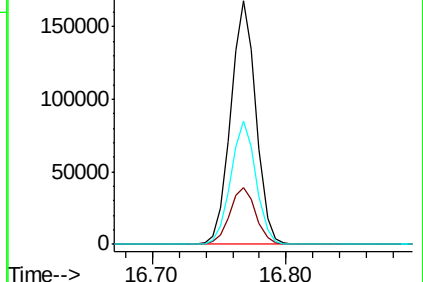
215 50.8 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 94.121 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

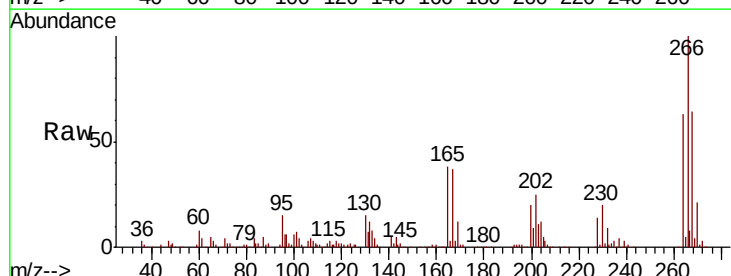
Tgt Ion:266 Resp: 319681

Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

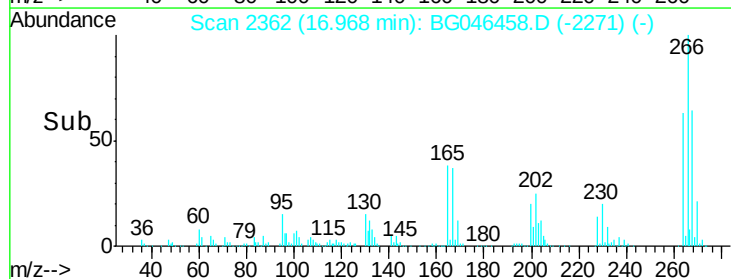
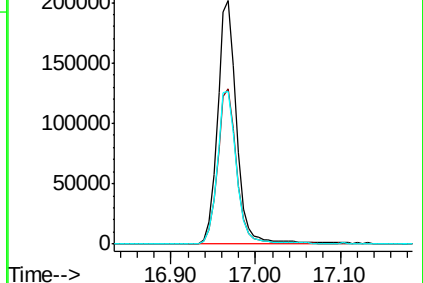
264 62.7 50.2 75.2

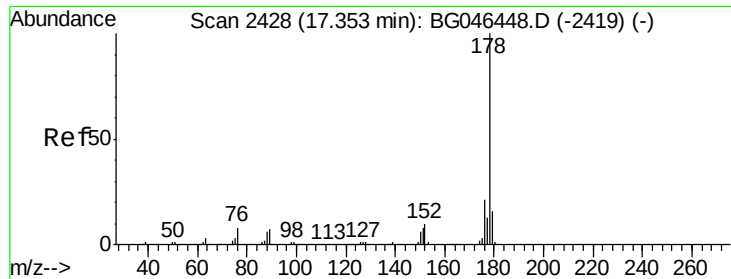


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

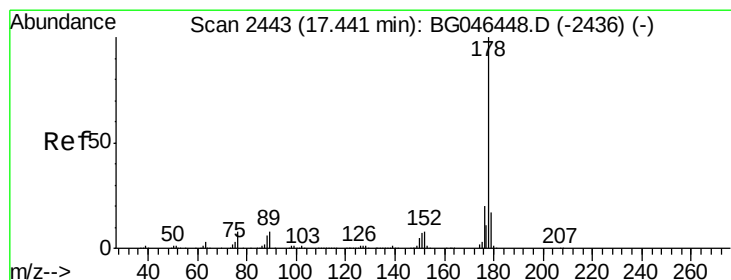
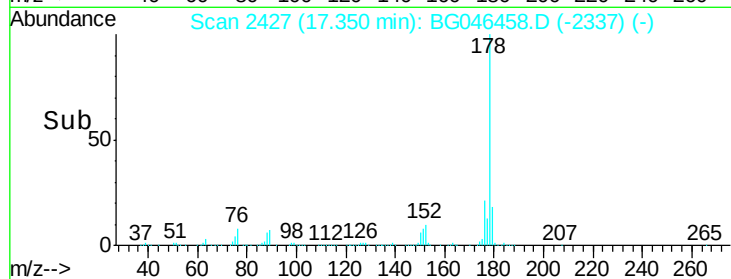
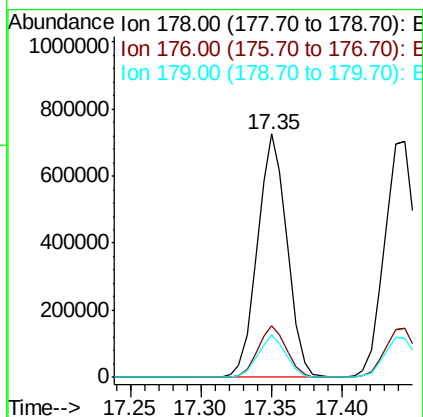
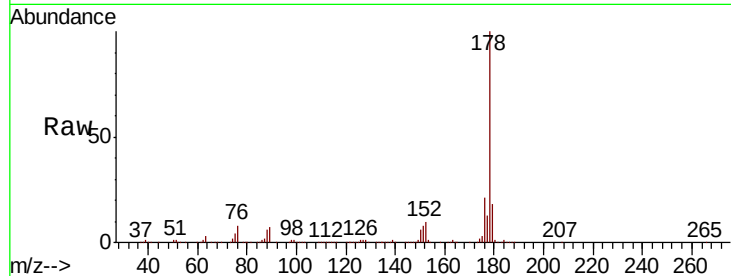




#71  
Phenanthrene  
Concen: 41.809 ng  
RT: 17.35 min Scan# 2427  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

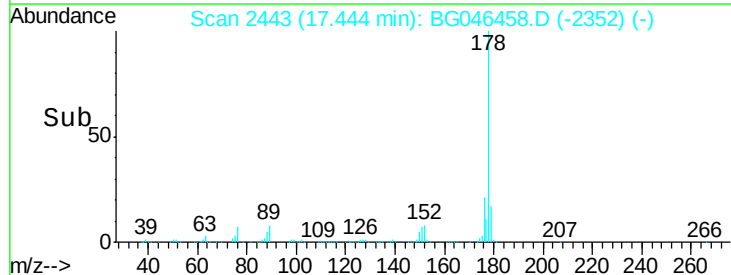
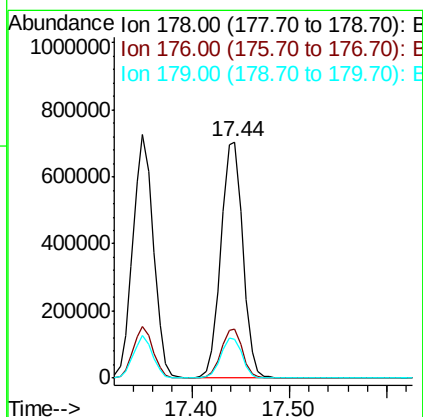
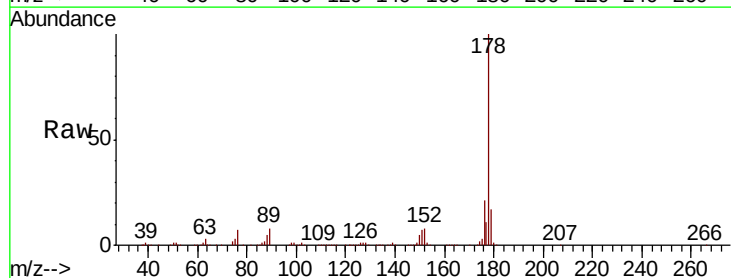
Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

Tot Ion:178 Resp: 1066212  
Ion Ratio Lower Upper  
178 100  
176 21.0 16.8 25.2  
179 17.6 13.2 19.8

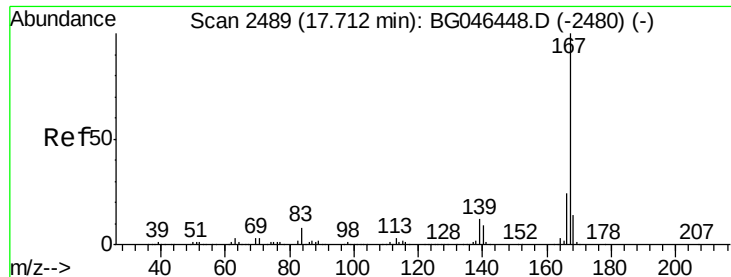


#72  
Anthracene  
Concen: 43.484 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. 0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Tgt Ion:178 Resp: 1094113  
Ion Ratio Lower Upper  
178 100  
176 20.8 16.1 24.1  
179 16.6 13.3 19.9







#73

Carbazole

Concen: 42.989 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

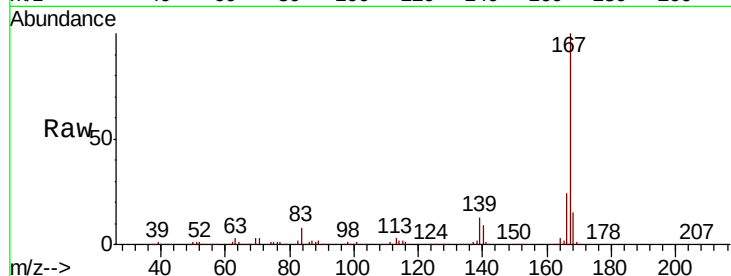
Tot Ion:167 Resp: 1021253

Ion Ratio Lower Upper

167 100

166 23.8 19.3 28.9

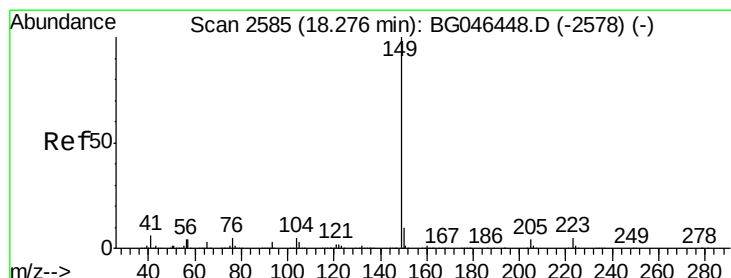
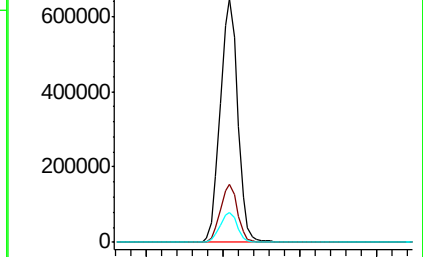
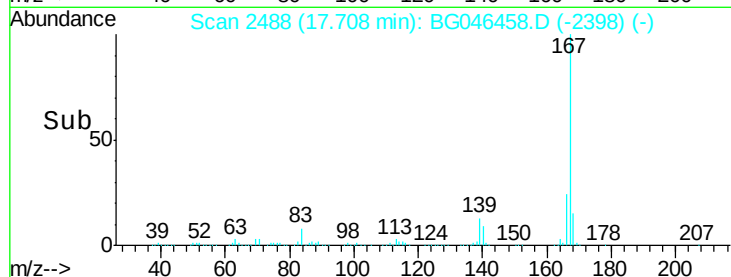
139 12.5 9.7 14.5



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: 41.738 ng

RT: 18.27 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

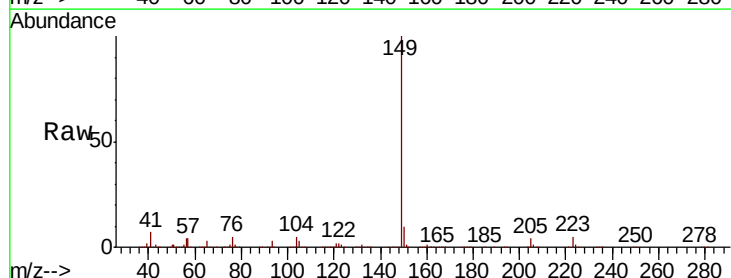
Tgt Ion:149 Resp: 1140161

Ion Ratio Lower Upper

149 100

150 10.4 8.1 12.1

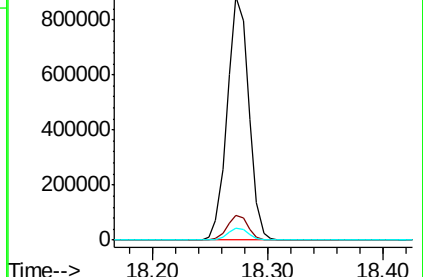
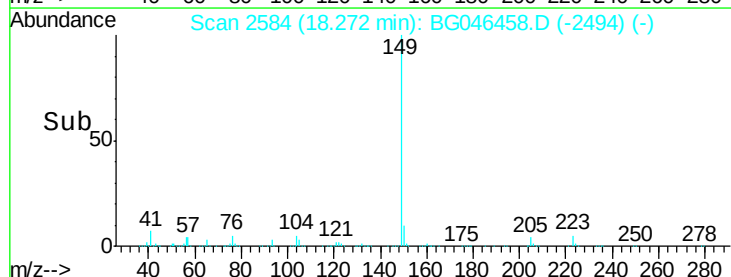
104 5.0 4.0 6.0

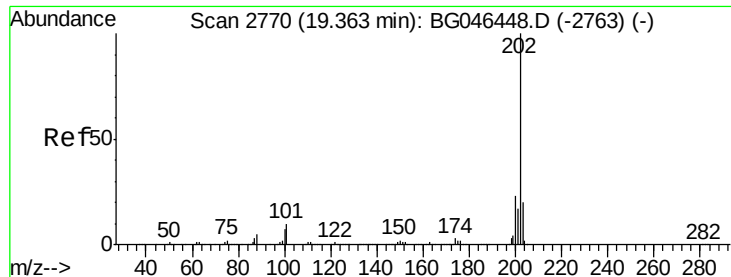


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.448 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

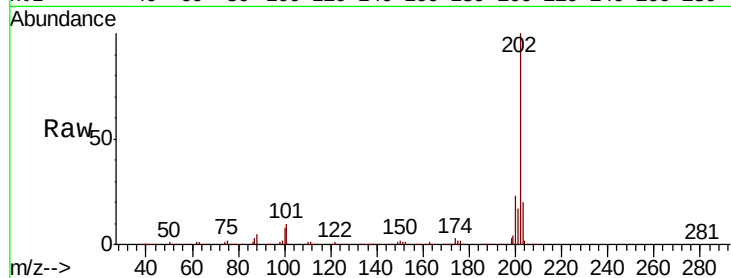
Tot Ion:202 Resp: 1393059

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 9.9   | 0.0   | 29.9  |
| 203 | 20.1  | 0.0   | 40.0  |

202 100

101 9.9 0.0 29.9

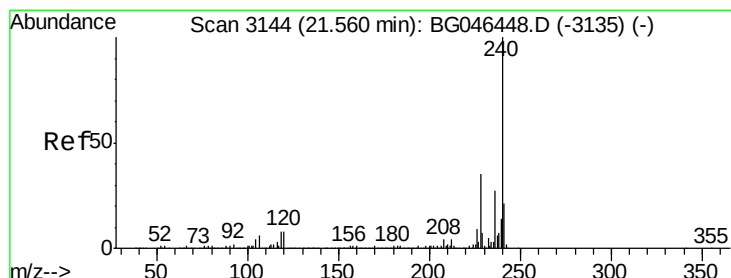
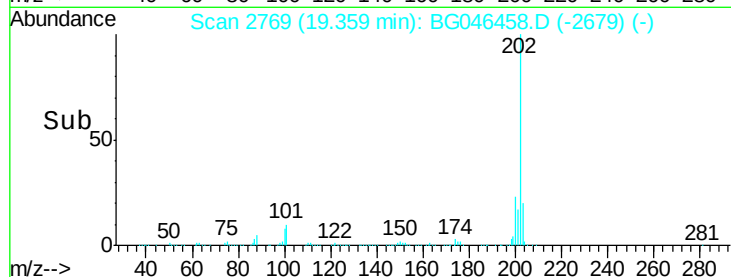
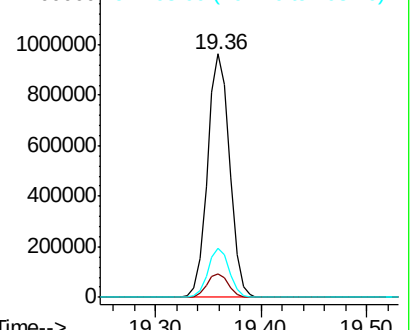
203 20.1 0.0 40.0



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: 21.56 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

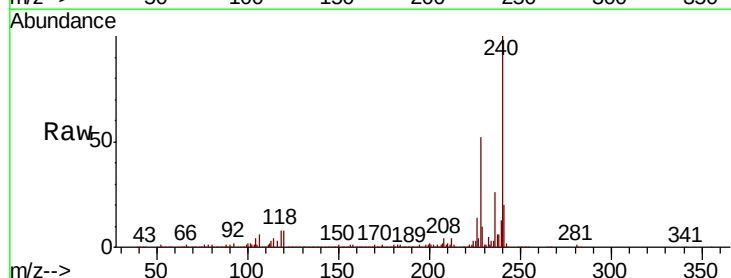
Tgt Ion:240 Resp: 530409

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 8.2   | 6.6   | 10.0  |
| 236 | 25.8  | 21.4  | 32.2  |

240 100

120 8.2 6.6 10.0

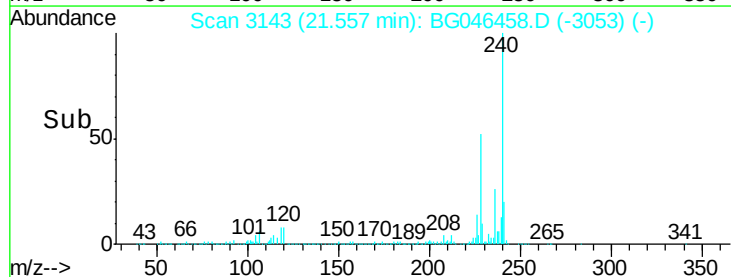
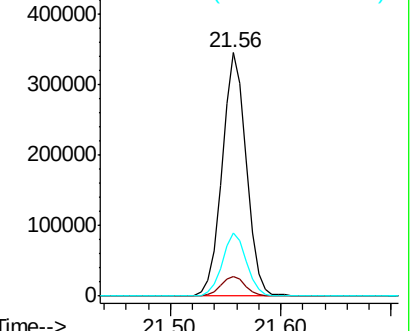
236 25.8 21.4 32.2

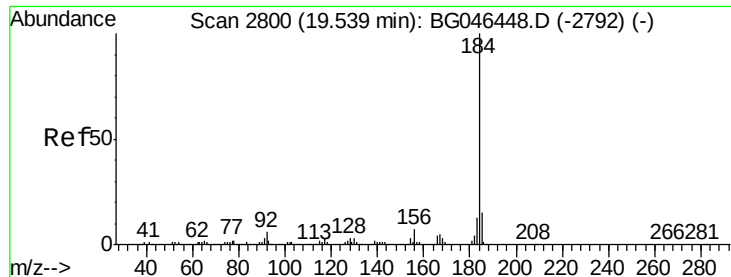


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.485 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

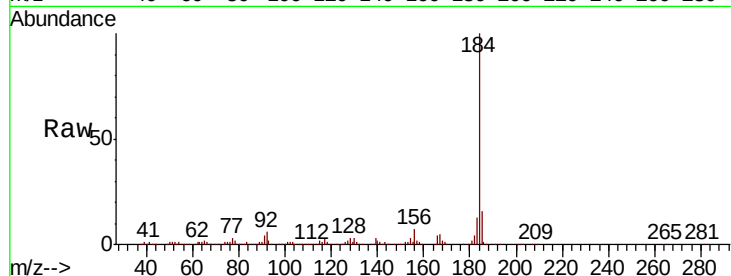
BNA\_G

ClientSampleId :

PB131215BS

Tot Ion:184 Resp: 745488

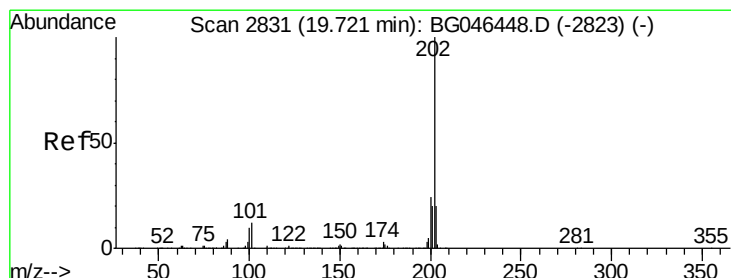
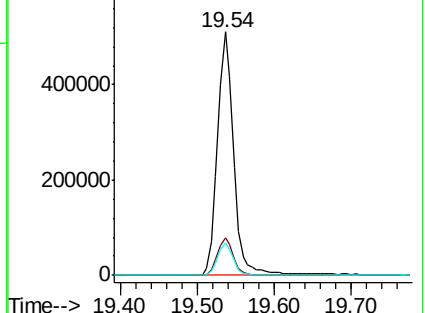
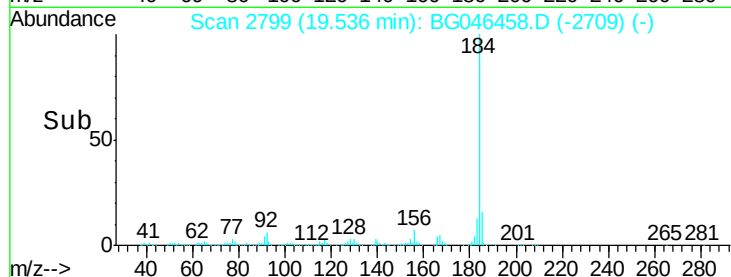
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.6  | 11.8  | 17.8  |
| 183 | 13.3  | 10.7  | 16.1  |



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.378 ng

RT: 19.72 min Scan# 2830

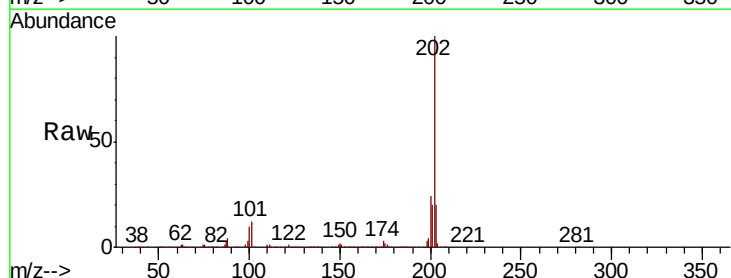
Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Tgt Ion:202 Resp: 1397574

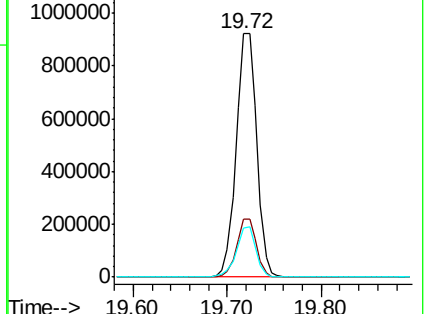
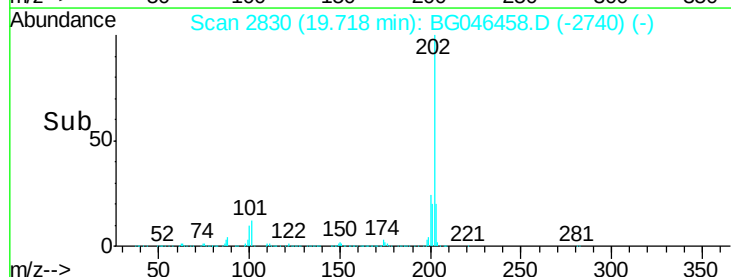
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.6  | 18.9  | 28.3  |
| 203 | 20.2  | 16.1  | 24.1  |

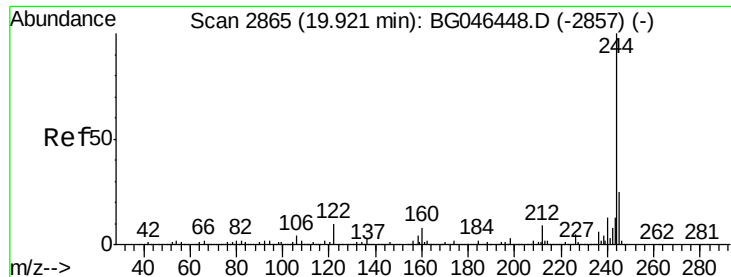


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.580 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

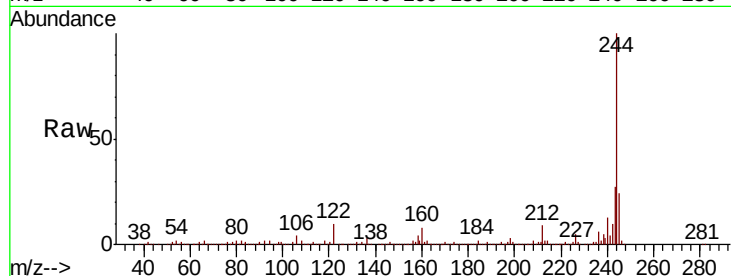
Tot Ion:244 Resp: 1734156

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.8   | 6.9   | 10.3  |
| 122 | 9.8   | 8.2   | 12.4  |

244 100

212 8.8 6.9 10.3

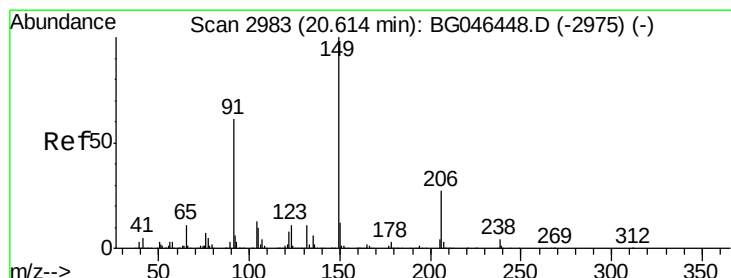
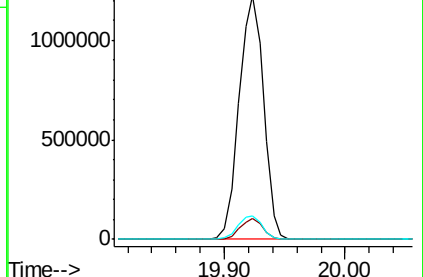
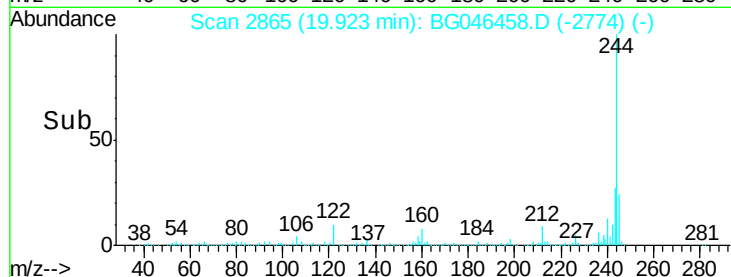
122 9.8 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.202 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

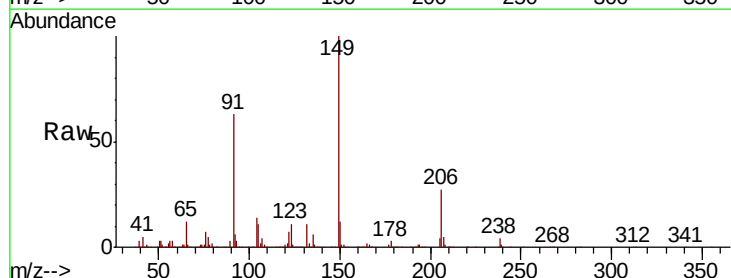
Tgt Ion:149 Resp: 542815

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 63.1  | 49.1  | 73.7  |
| 206 | 26.9  | 21.9  | 32.9  |

149 100

91 63.1 49.1 73.7

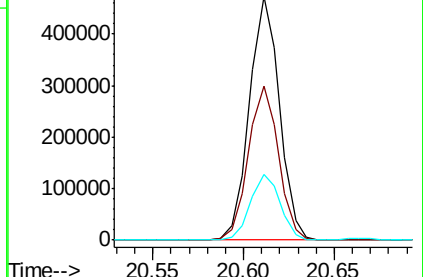
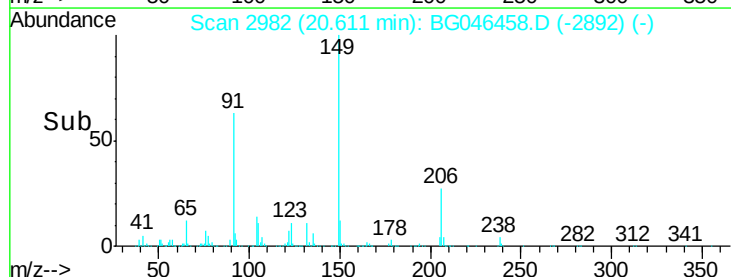
206 26.9 21.9 32.9

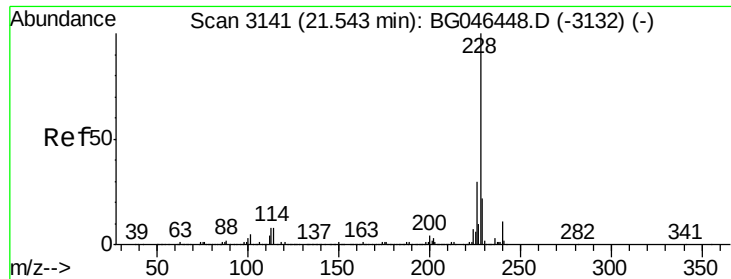


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

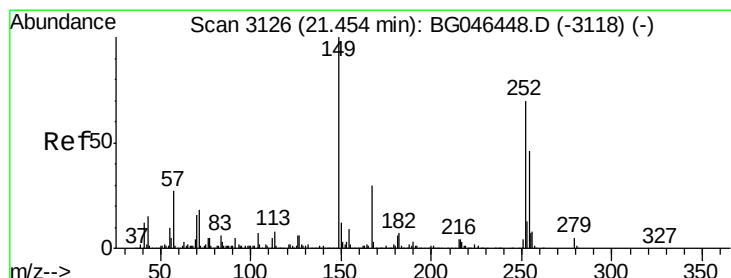
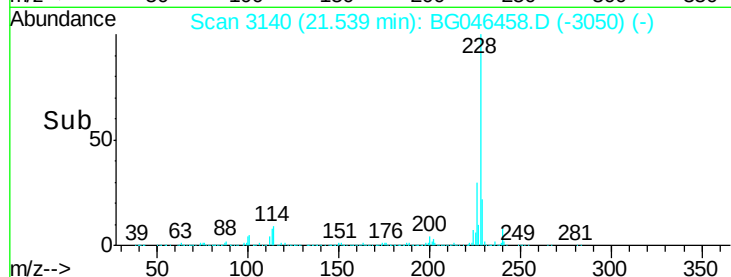
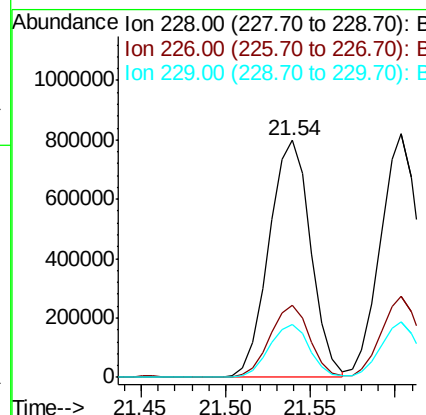
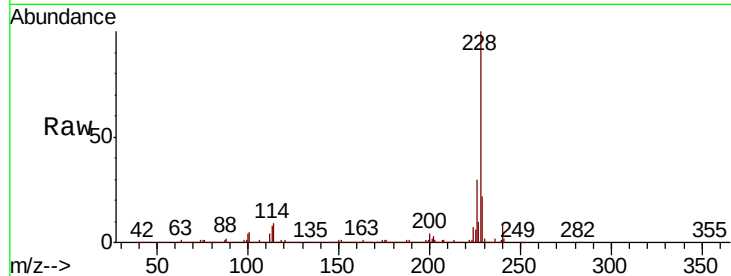




#81  
Benzo(a)anthracene  
Concen: 41.390 ng  
RT: 21.54 min Scan# 3140  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

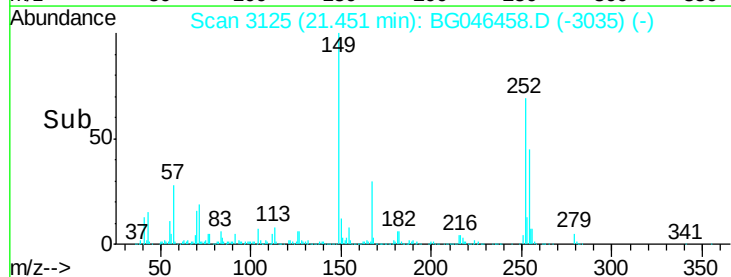
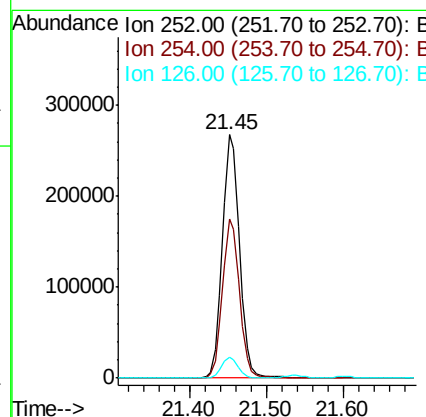
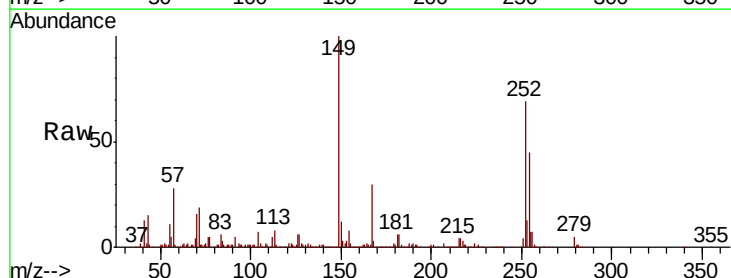
Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

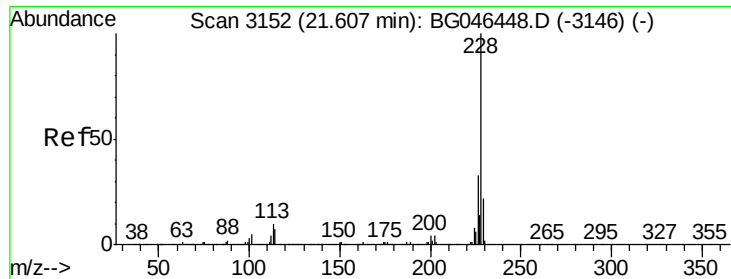
Tot Ion:228 Resp: 1368364  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.2 36.4  
229 22.1 17.4 26.2



#82  
3,3'-Dichlorobenzidine  
Concen: 33.591 ng  
RT: 21.45 min Scan# 3125  
Delta R.T. -0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Tgt Ion:252 Resp: 412125  
Ion Ratio Lower Upper  
252 100  
254 65.2 51.9 77.9  
126 8.7 7.4 11.0





#83

Chrysene

Concen: 41.264 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

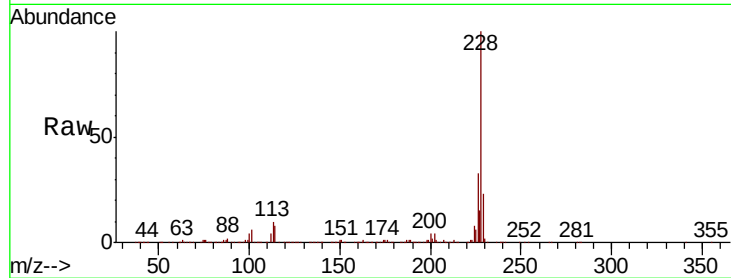
BNA\_G

ClientSampleId :

PB131215BS

Tot Ion:228 Resp: 1312260

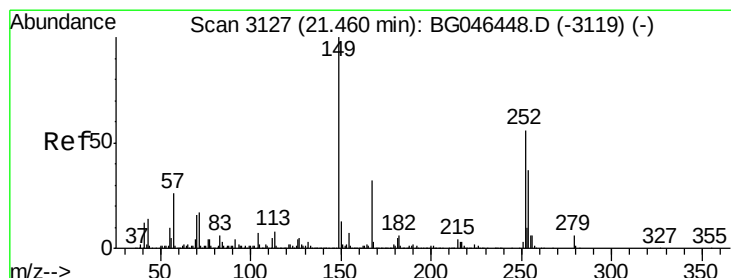
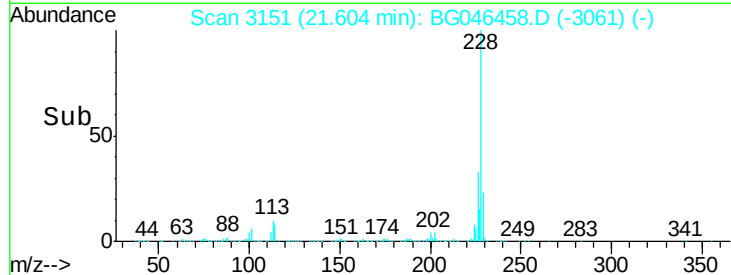
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 33.1  | 26.2  | 39.4  |
| 229 | 22.8  | 17.9  | 26.9  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.838 ng

RT: 21.46 min Scan# 3126

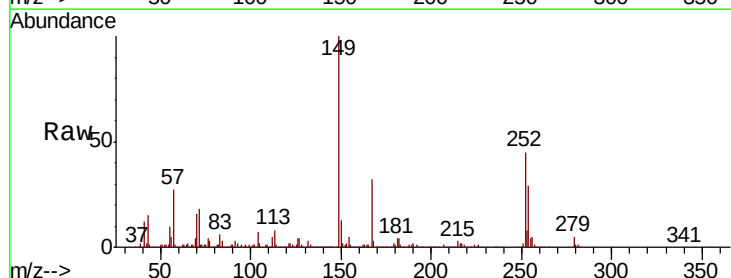
Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Tgt Ion:149 Resp: 752210

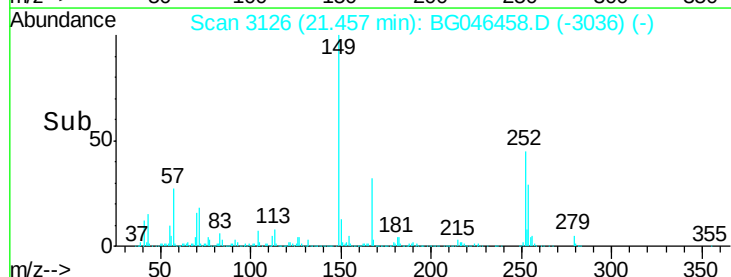
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 31.5  | 25.4  | 38.2  |
| 279 | 5.3   | 4.5   | 6.7   |

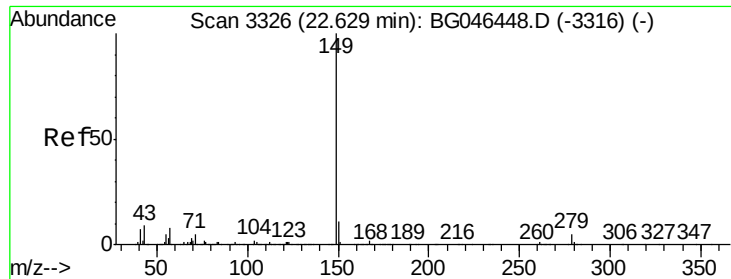


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.832 ng

RT: 22.63 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

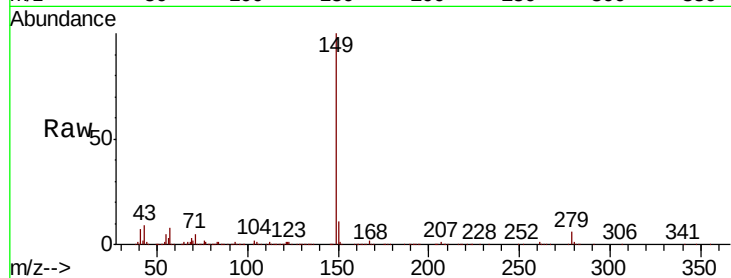
Tot Ion:149 Resp: 1318589

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

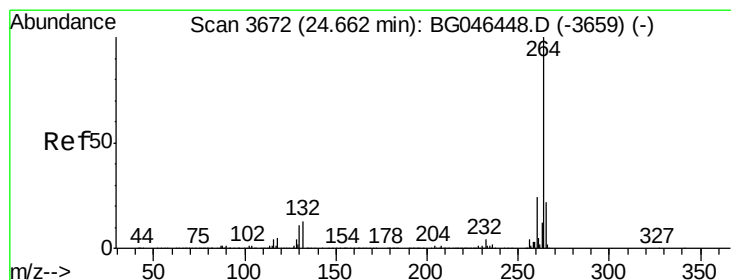
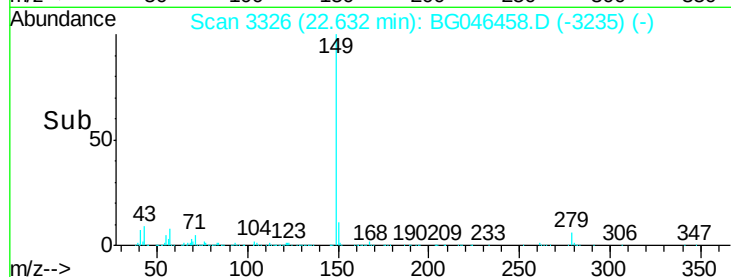
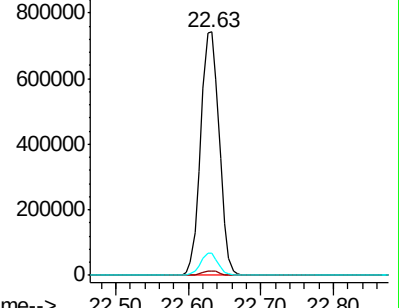
43 8.7 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

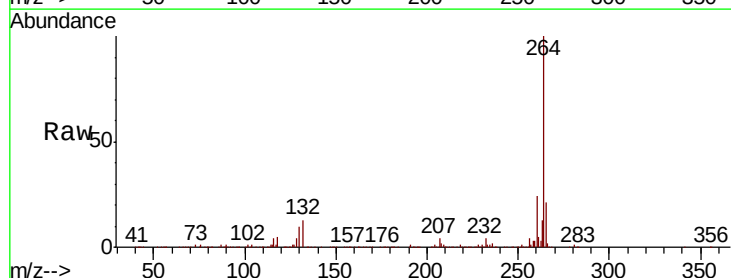
Tgt Ion:264 Resp: 567046

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

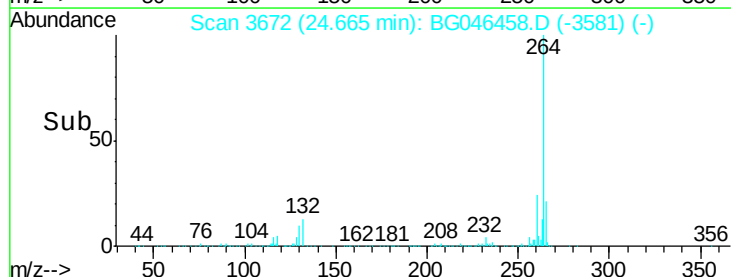
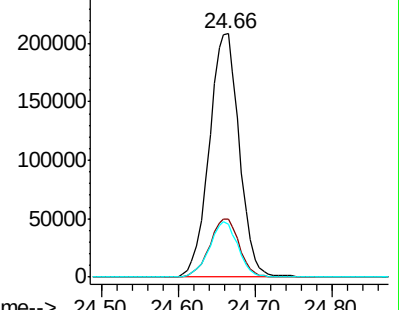
265 21.5 17.9 26.9

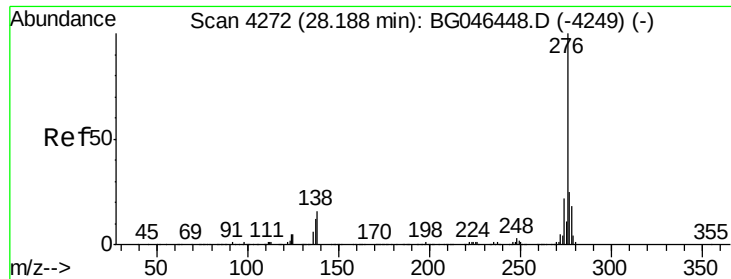


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

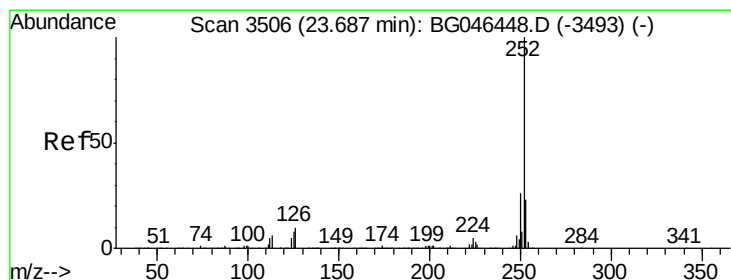
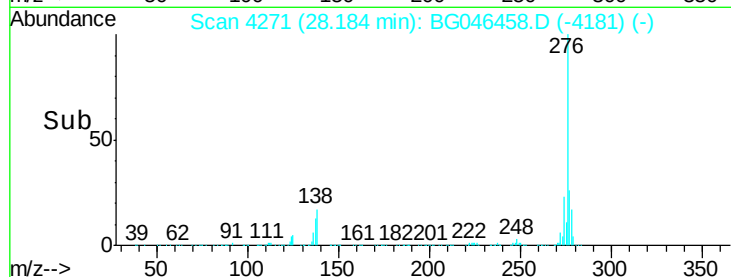
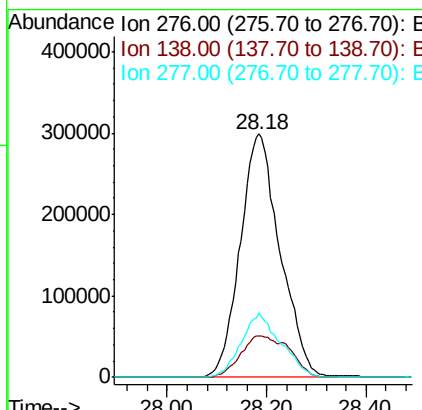
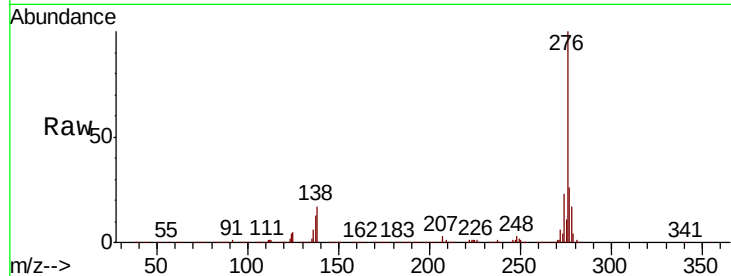




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.888 ng  
 RT: 28.18 min Scan# 4271  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

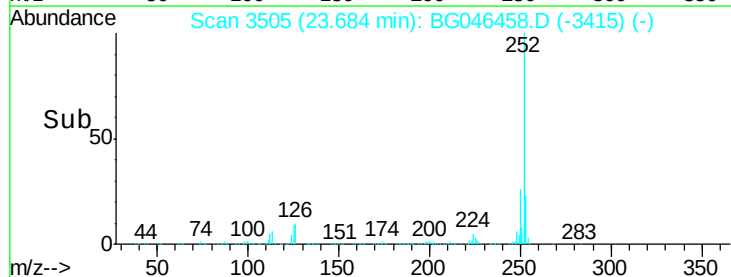
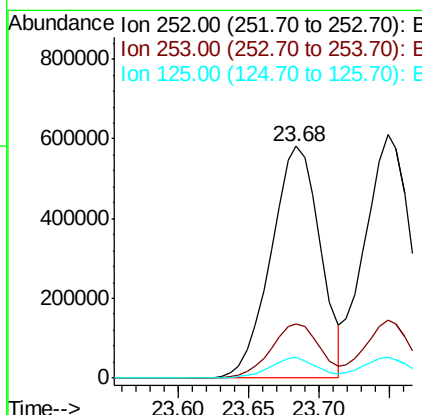
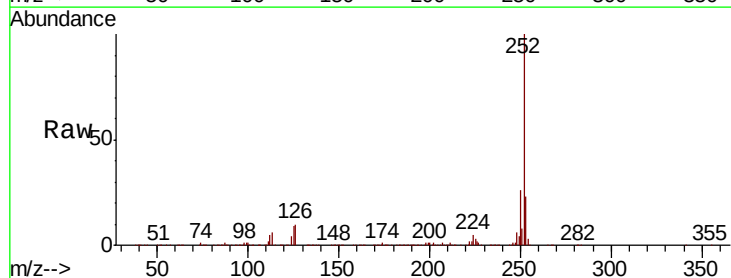
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131215BS

Tot Ion:276 Resp: 1665215  
 Ion Ratio Lower Upper  
 276 100  
 138 20.9 16.5 24.7  
 277 26.2 20.7 31.1

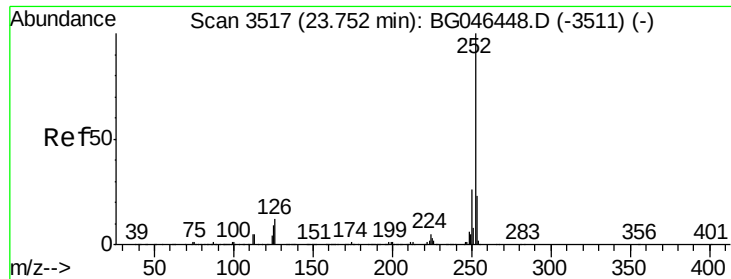


#88  
 Benzo(b)fluoranthene  
 Concen: 39.854 ng  
 RT: 23.68 min Scan# 3505  
 Delta R.T. -0.00 min  
 Lab File: BG046458.D  
 Acq: 26 Aug 2020 17:50

Tgt Ion:252 Resp: 1411128  
 Ion Ratio Lower Upper  
 252 100  
 253 23.3 18.2 27.4  
 125 9.0 6.2 9.2







#89

Benzo(k)fluoranthene

Concen: 40.605 ng

RT: 23.75 min Scan# 3516

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB131215BS

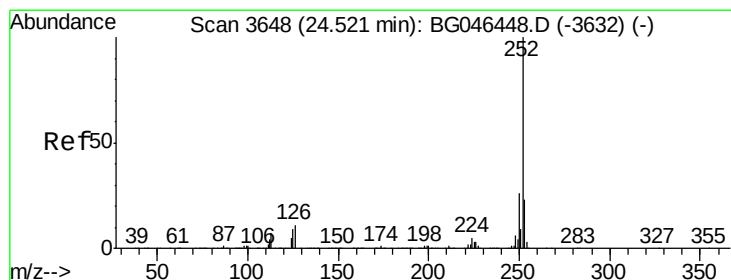
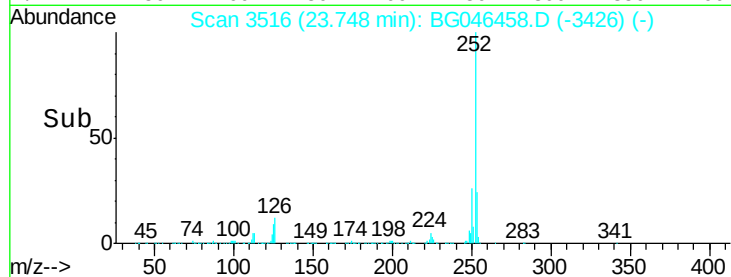
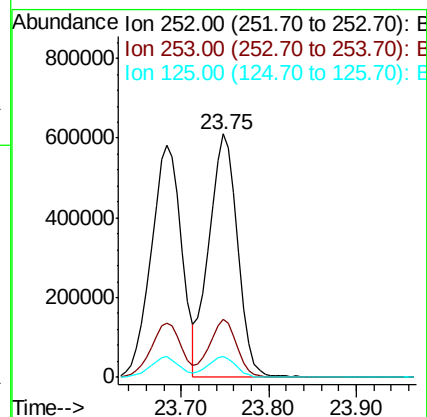
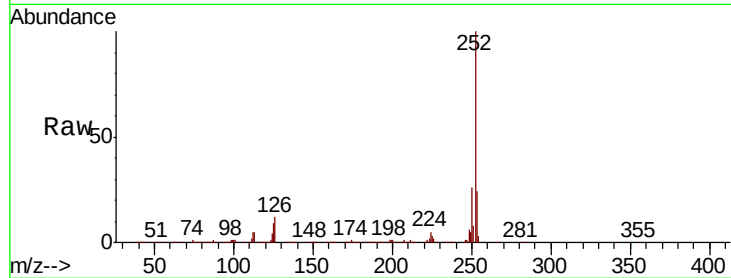
Tot Ion:252 Resp: 1389476

Ion Ratio Lower Upper

252 100

253 24.1 18.5 27.7

125 8.8 6.8 10.2



#90

Benzo(a)pyrene

Concen: 39.932 ng

RT: 24.52 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG046458.D

Acq: 26 Aug 2020 17:50

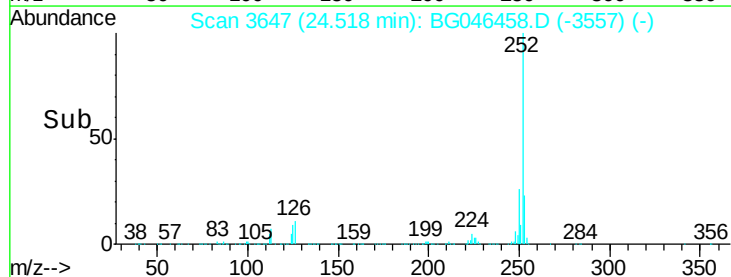
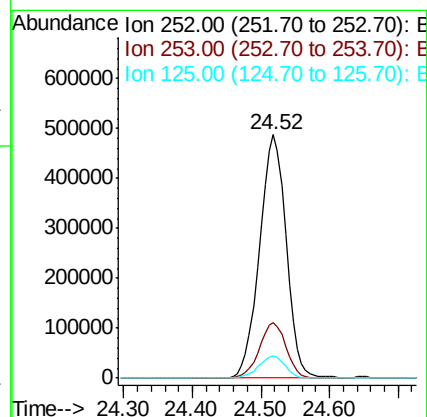
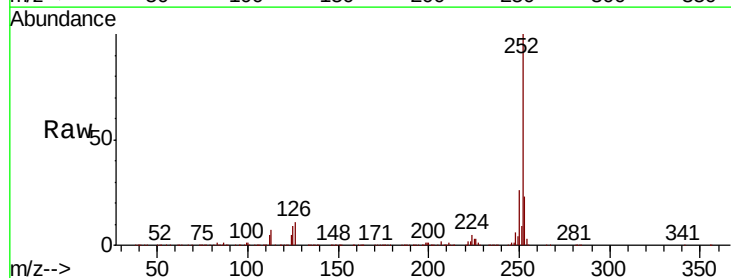
Tgt Ion:252 Resp: 1319442

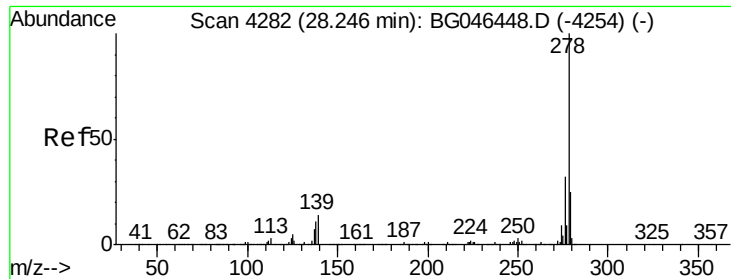
Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 9.2 7.4 11.0



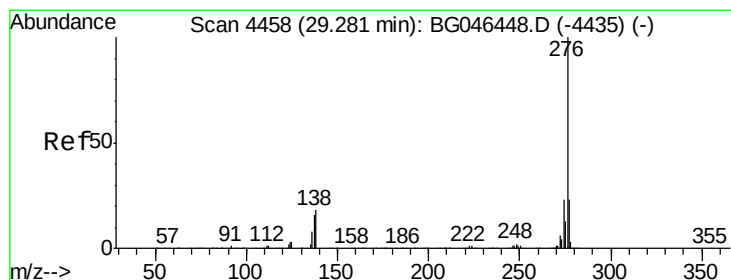
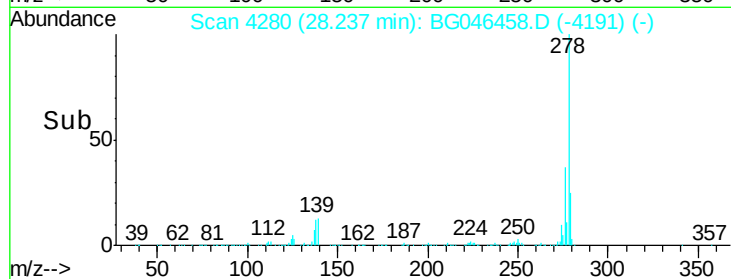
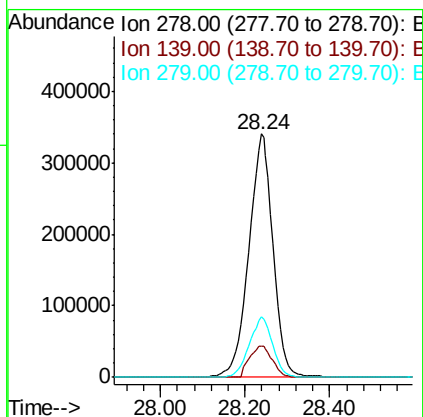
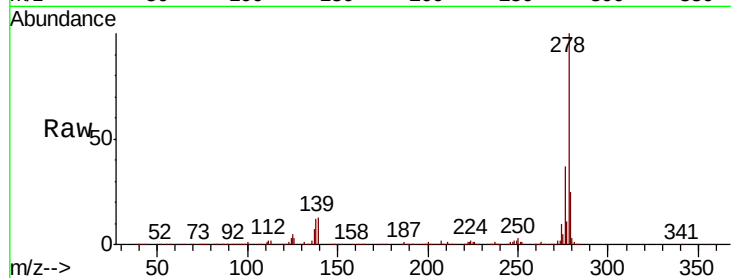


#91  
Dibenzo(a,h)anthracene  
Concen: 41.560 ng  
RT: 28.24 min Scan# 4280  
Delta R.T. -0.01 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB131215BS

Tot Ion:278 Resp: 1365874  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 13.0  | 11.2  | 16.8  |
| 279 | 24.9  | 19.8  | 29.8  |



#92  
Benzo(g,h,i)perylene  
Concen: 42.616 ng  
RT: 29.28 min Scan# 4458  
Delta R.T. 0.00 min  
Lab File: BG046458.D  
Acq: 26 Aug 2020 17:50

Tgt Ion:276 Resp: 1398607  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.5  | 18.7  | 28.1  |
| 138 | 18.6  | 14.7  | 22.1  |

