

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\  
 Data File : BG046120.D  
 Acq On : 31 Jul 2020 11:20  
 Operator : CG/JU  
 Sample : PB130544BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130544BS

Quant Time: Jul 31 12:39:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 30 18:43:49 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 85236    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.75 | 136  | 357198   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.58 | 164  | 243300   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.32 | 188  | 603025   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.57 | 240  | 627606   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.68 | 264  | 670527   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.54  | 112 | 641603  | 130.85 | ng | 0.00 |
| 7) Phenol-d6             | 7.12  | 99  | 835946  | 125.10 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.11  | 82  | 520485  | 78.89  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.07 | 330 | 458741  | 122.76 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.20 | 172 | 1246952 | 74.45  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.94 | 244 | 2119746 | 68.79  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.45  | 88  | 74640  | 33.445 | ng | 99     |
| 3) Pyridine                    | 3.83  | 79  | 174786 | 28.449 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.75  | 42  | 109838 | 42.006 | ng | 98     |
| 6) Aniline                     | 7.28  | 93  | 322942 | 40.598 | ng | 99     |
| 8) 2-Chlorophenol              | 7.52  | 128 | 241218 | 44.510 | ng | 99     |
| 9) Benzaldehyde                | 7.09  | 77  | 173374 | 43.723 | ng | 93     |
| 10) Phenol                     | 7.15  | 94  | 302346 | 45.031 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.38  | 93  | 223839 | 41.913 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.85  | 146 | 259599 | 39.519 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146 | 261707 | 39.676 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.31  | 146 | 255752 | 41.112 | ng | 100    |
| 15) Benzyl Alcohol             | 8.19  | 79  | 217299 | 47.070 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.49  | 45  | 390506 | 44.600 | ng | 98     |
| 17) 2-Methylphenol             | 8.40  | 107 | 215265 | 47.491 | ng | 98     |
| 18) Hexachloroethane           | 9.04  | 117 | 90166  | 40.872 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.76  | 70  | 187518 | 43.117 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.72  | 107 | 295307 | 47.598 | ng | 97     |
| 22) Acetophenone               | 8.77  | 105 | 352081 | 38.407 | ng | # 97   |
| 24) Nitrobenzene               | 9.15  | 77  | 267877 | 38.084 | ng | 98     |
| 25) Isophorone                 | 9.68  | 82  | 516153 | 39.318 | ng | 99     |
| 26) 2-Nitrophenol              | 9.86  | 139 | 133116 | 41.757 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.93  | 122 | 230265 | 44.397 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.16 | 93  | 307176 | 43.034 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.40 | 162 | 257065 | 42.135 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.62 | 180 | 263038 | 36.803 | ng | 99     |
| 31) Naphthalene                | 10.80 | 128 | 719463 | 38.067 | ng | 100    |
| 32) Benzoic acid               | 10.07 | 122 | 150893 | 41.225 | ng | 96     |
| 33) 4-Chloroaniline            | 10.90 | 127 | 233719 | 30.262 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.10 | 225 | 164298 | 34.532 | ng | 99     |
| 35) Caprolactam                | 11.72 | 113 | 51035  | 25.557 | ng | 88     |
| 36) 4-Chloro-3-methylphenol    | 12.03 | 107 | 271060 | 45.273 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.41 | 142 | 576615 | 39.649 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.63 | 142 | 542580 | 39.427 | ng | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.78 | 216 | 312972 | 35.702 | ng | # 98   |

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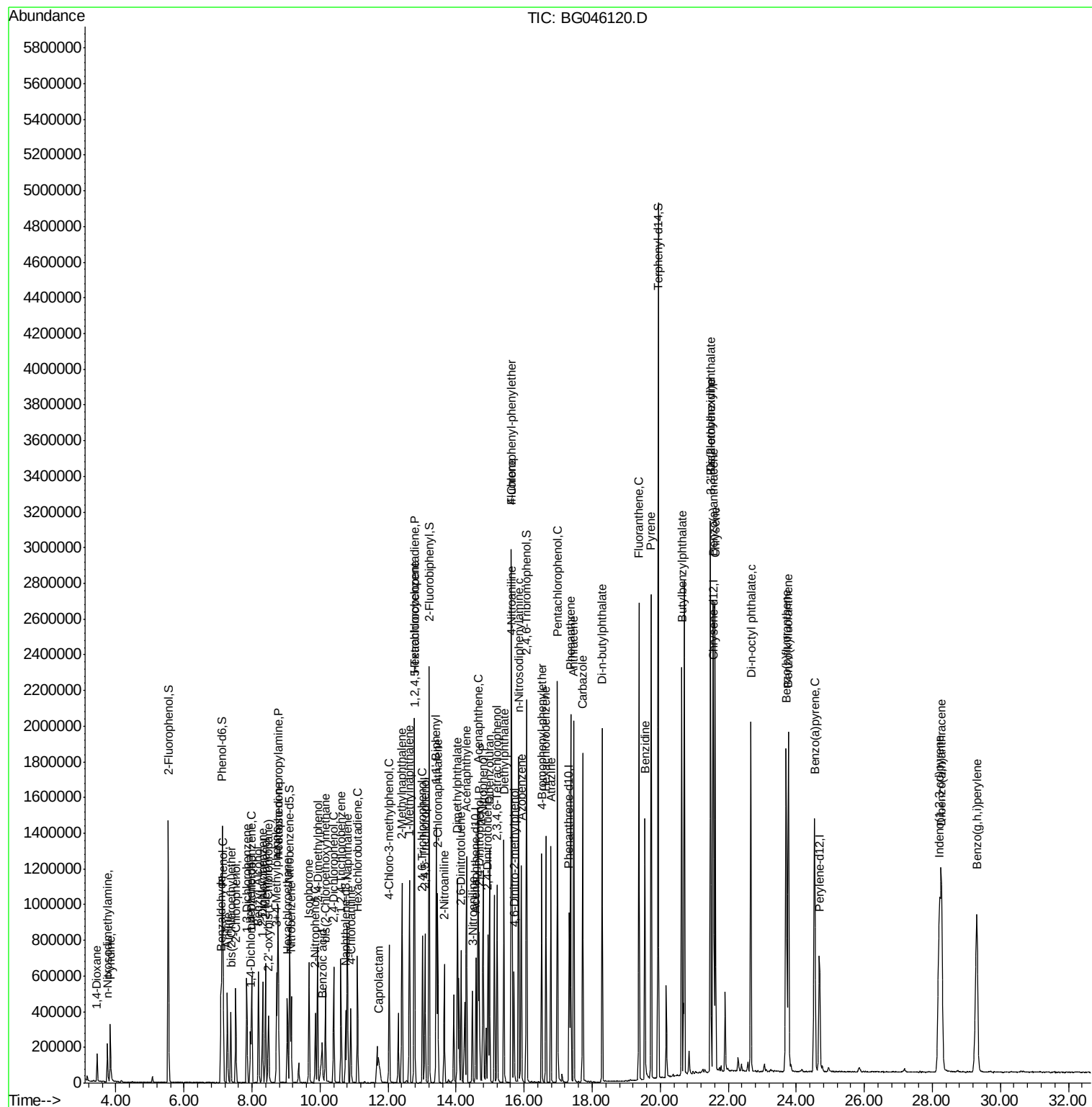
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.77 | 237  | 433961   | 86.306 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.02 | 196  | 224518   | 40.144 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.09 | 196  | 245971   | 40.308 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.42 | 154  | 742330   | 38.894 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.46 | 162  | 567443   | 37.272 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.65 | 65   | 188202   | 47.161 | ng    | 93       |
| 49) Acenaphthylene             | 14.30 | 152  | 949107   | 40.147 | ng    | 99       |
| 50) Dimethylphthalate          | 14.04 | 163  | 780709   | 41.808 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.15 | 165  | 178663   | 41.110 | ng    | 98       |
| 52) Acenaphthene               | 14.64 | 154  | 595529   | 38.169 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.48 | 138  | 147027   | 34.125 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.68 | 184  | 215473   | 78.411 | ng    | 93       |
| 55) Dibenzofuran               | 14.98 | 168  | 908504   | 38.589 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.79 | 139  | 334363   | 89.386 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 14.94 | 165  | 258011   | 43.179 | ng    | 99       |
| 58) Fluorene                   | 15.63 | 166  | 756055   | 39.655 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.21 | 232  | 246950   | 42.964 | ng    | 98       |
| 60) Diethylphthalate           | 15.41 | 149  | 786330   | 42.806 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.63 | 204  | 400445   | 40.214 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.64 | 138  | 196629   | 45.377 | ng    | 96       |
| 63) Azobenzene                 | 15.92 | 77   | 723858   | 42.046 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.70 | 198  | 157938   | 39.602 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.84 | 169  | 697848   | 38.231 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.52 | 248  | 282959   | 37.982 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.64 | 284  | 317423   | 37.998 | ng    | 98       |
| 69) Atrazine                   | 16.79 | 200  | 265870   | 37.825 | ng    | 99       |
| 70) Pentachlorophenol          | 16.98 | 266  | 439659   | 81.115 | ng    | 99       |
| 71) Phenanthrene               | 17.36 | 178  | 1277369  | 38.670 | ng    | 100      |
| 72) Anthracene                 | 17.46 | 178  | 1308392  | 39.821 | ng    | 99       |
| 73) Carbazole                  | 17.72 | 167  | 1245213  | 39.303 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.29 | 149  | 1424519  | 43.014 | ng    | 99       |
| 75) Fluoranthene               | 19.37 | 202  | 1658853  | 40.225 | ng    | 98       |
| 77) Benzidine                  | 19.55 | 184  | 864100   | 48.607 | ng    | 99       |
| 78) Pyrene                     | 19.73 | 202  | 1641976  | 38.938 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.63 | 149  | 672114   | 43.999 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.55 | 228  | 1644485  | 39.154 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.47 | 252  | 494459   | 28.351 | ng    | 98       |
| 83) Chrysene                   | 21.62 | 228  | 1564854  | 38.034 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.48 | 149  | 934682   | 42.799 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.66 | 149  | 1608695  | 43.505 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene     | 28.20 | 276  | 2064996  | 40.381 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 23.70 | 252  | 1755860  | 39.077 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.77 | 252  | 1723217  | 39.100 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.54 | 252  | 1637952  | 39.174 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.27 | 278  | 1682918  | 39.367 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.30 | 276  | 1732999  | 40.140 | ng    | 98       |

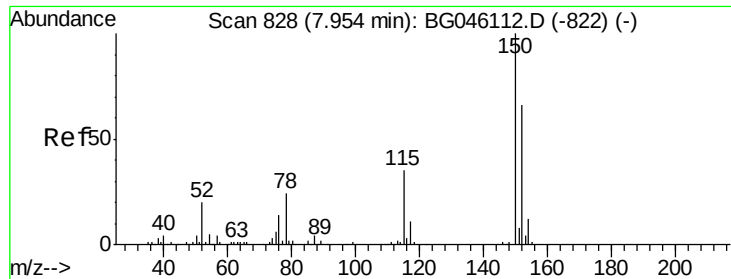
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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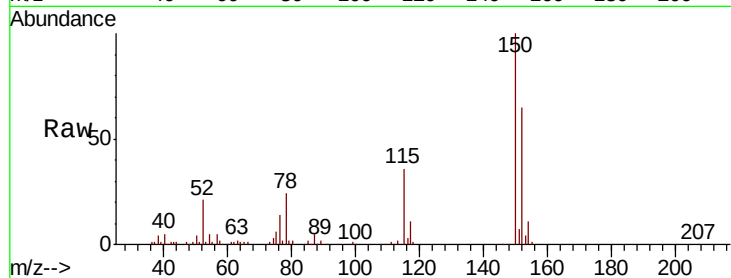


#1

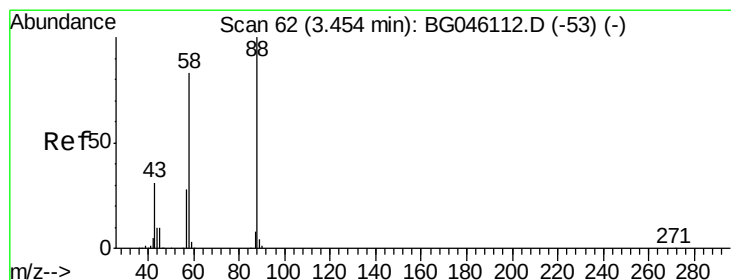
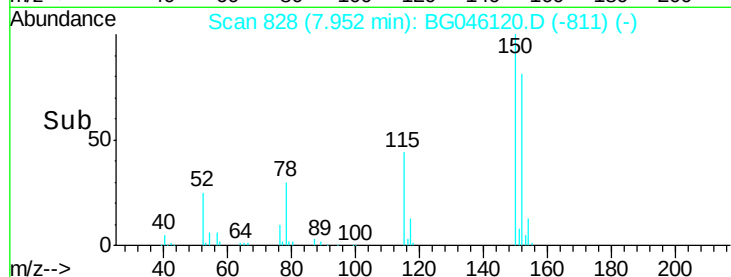
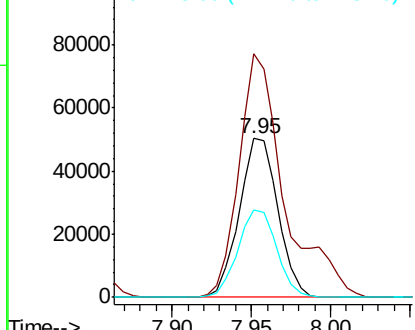
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

Tot Ion:152 Resp: 85236  
Ion Ratio Lower Upper  
152 100  
150 153.1 122.1 183.1  
115 54.7 43.2 64.8



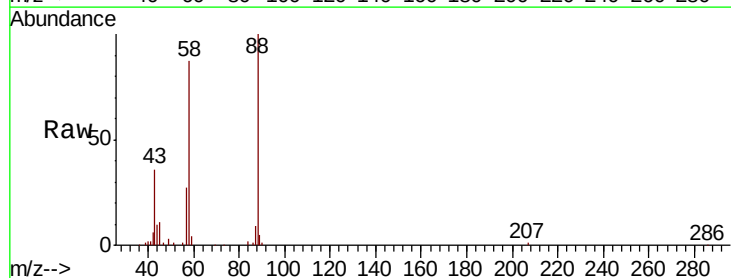
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



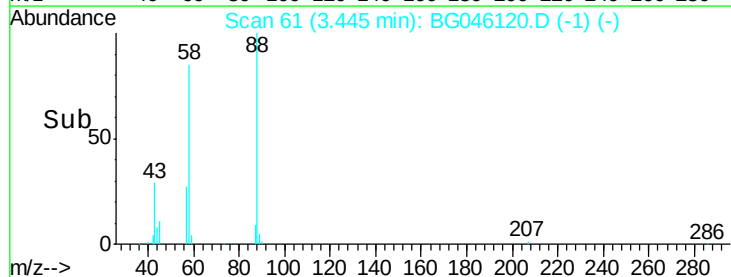
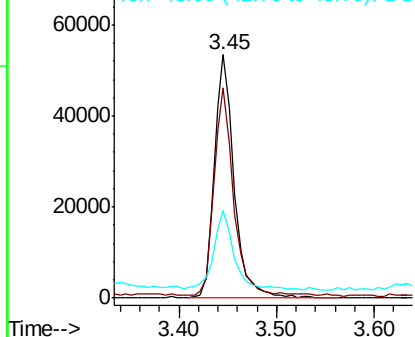
#2

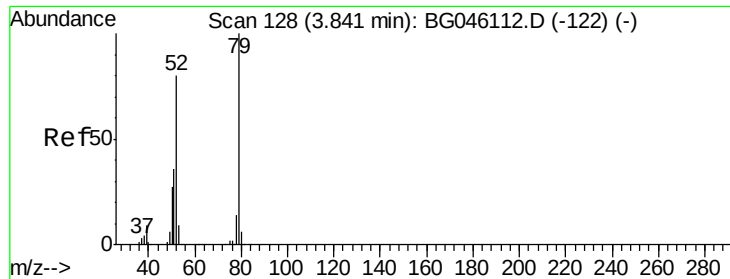
1,4-Dioxane  
Concen: 33.445 ng  
RT: 3.45 min Scan# 61  
Delta R.T. -0.01 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Tgt Ion: 88 Resp: 74640  
Ion Ratio Lower Upper  
88 100  
58 83.8 66.5 99.7  
43 30.9 23.8 35.8



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





#3

Pvridine

Concen: 28.449 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

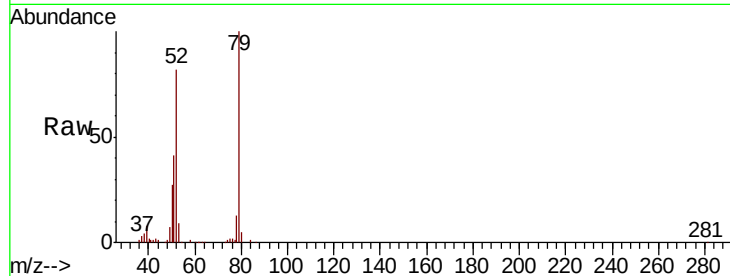
Tot Ion: 79 Resp: 174786

Ion Ratio Lower Upper

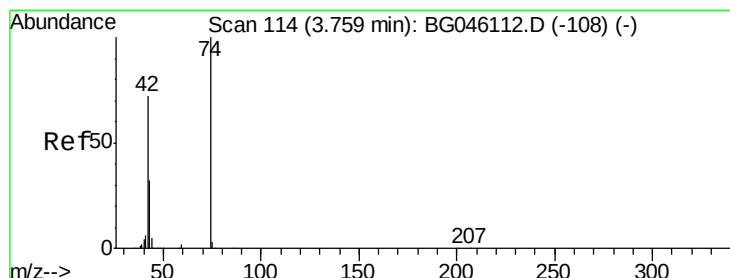
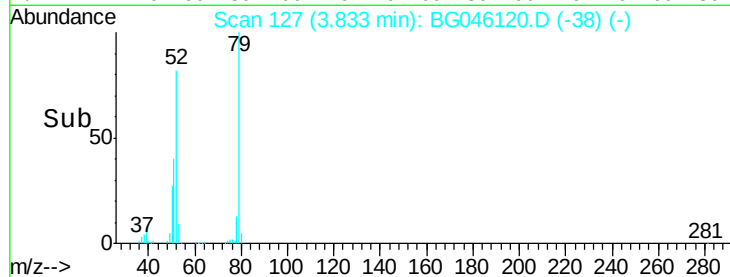
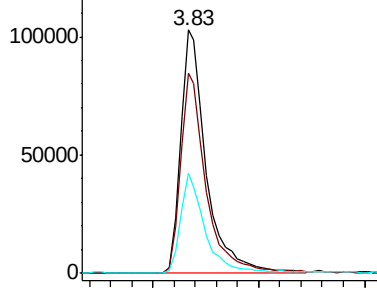
79 100

52 82.3 64.3 96.5

51 41.0 29.8 44.6



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: 42.006 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

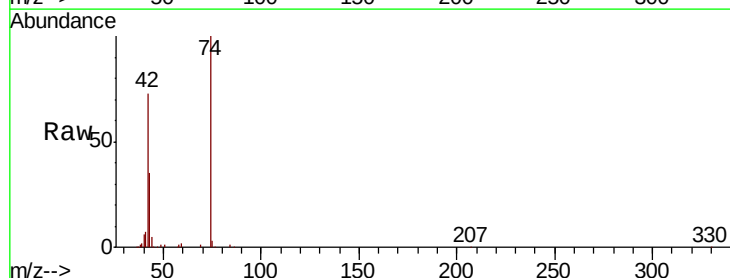
Tgt Ion: 42 Resp: 109838

Ion Ratio Lower Upper

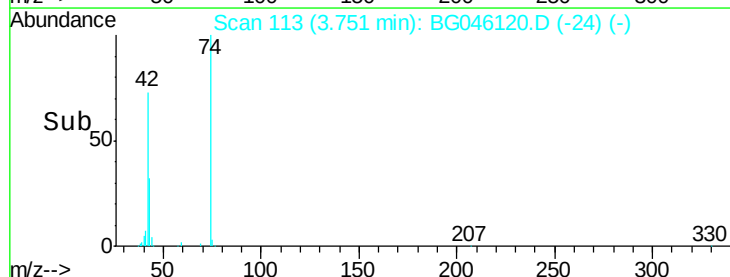
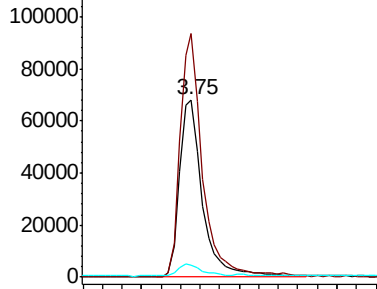
42 100

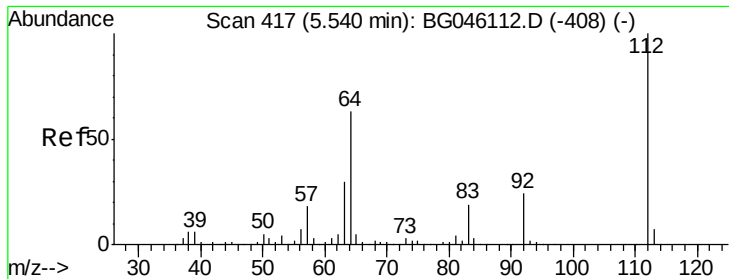
74 137.2 111.6 167.4

44 6.8 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: 130.854 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

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ClientSampleId :

PB130544BS

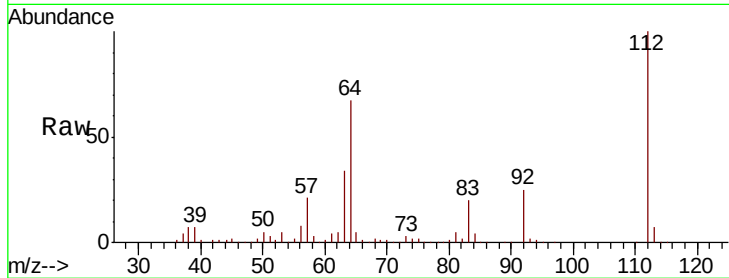
Tot Ion:112 Resp: 641603

Ion Ratio Lower Upper

112 100

64 66.8 50.2 75.2

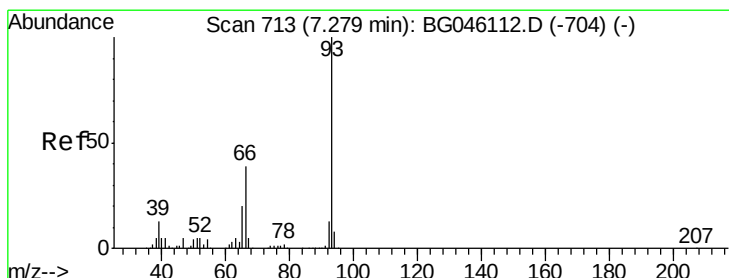
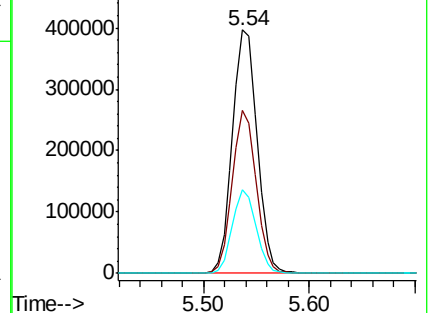
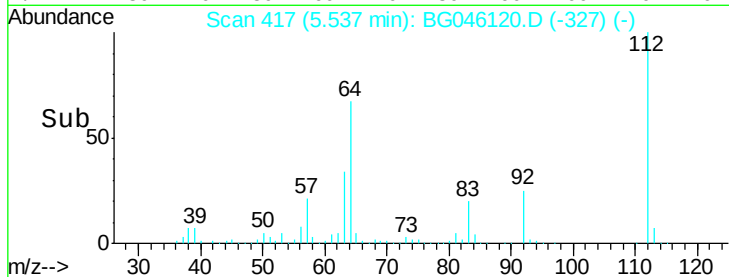
63 34.2 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 40.598 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

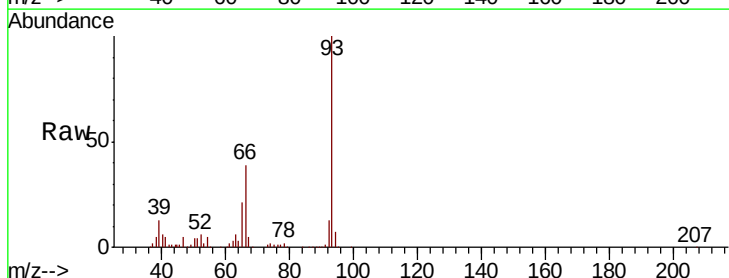
Tgt Ion: 93 Resp: 322942

Ion Ratio Lower Upper

93 100

66 38.8 31.0 46.4

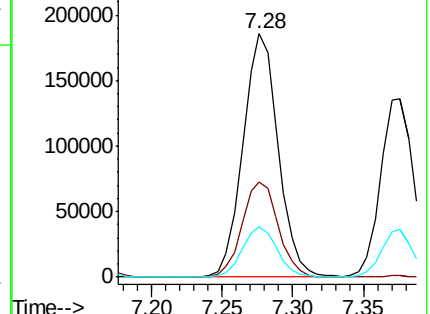
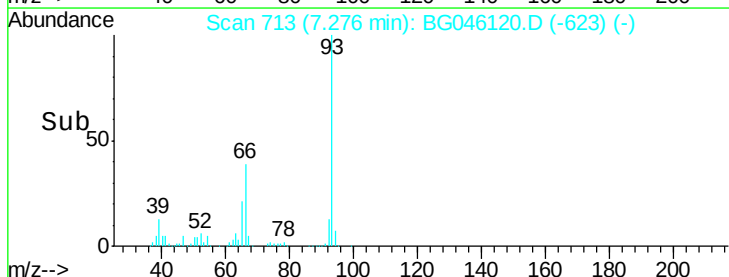
65 20.8 15.9 23.9

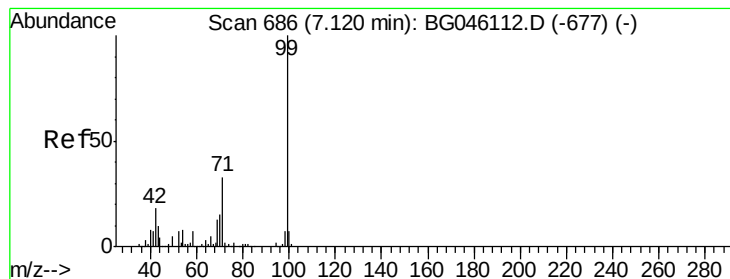


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 125.096 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046120.D

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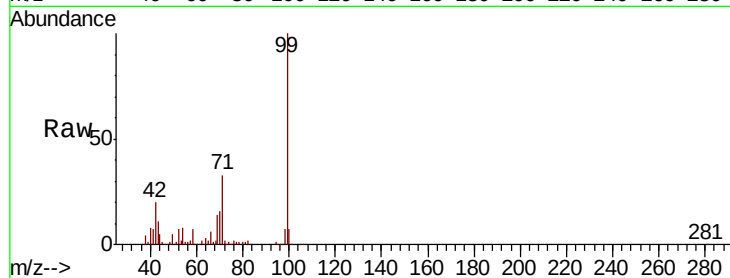
Tot Ion: 99 Resp: 835946

Ion Ratio Lower Upper

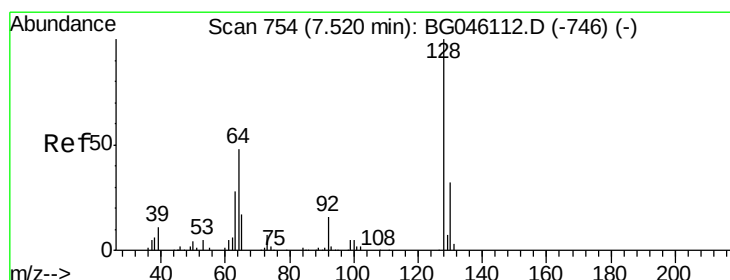
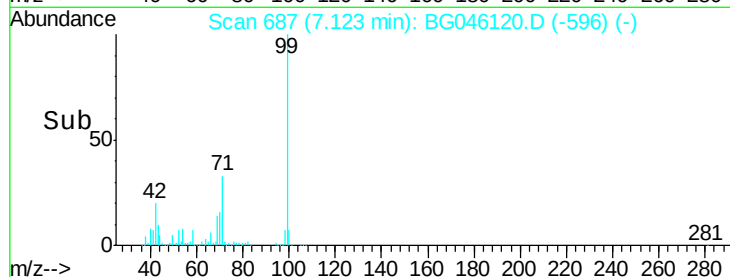
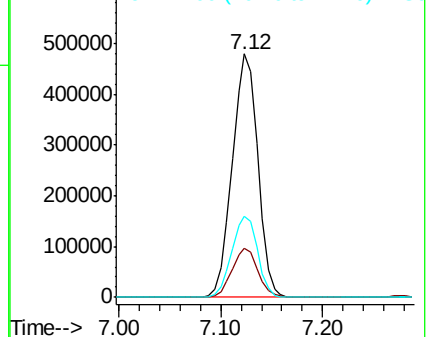
99 100

42 20.2 14.7 22.1

71 33.4 26.5 39.7



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: 44.510 ng

RT: 7.52 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

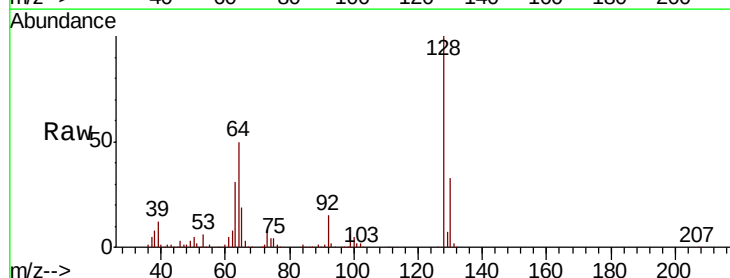
Tgt Ion: 128 Resp: 241218

Ion Ratio Lower Upper

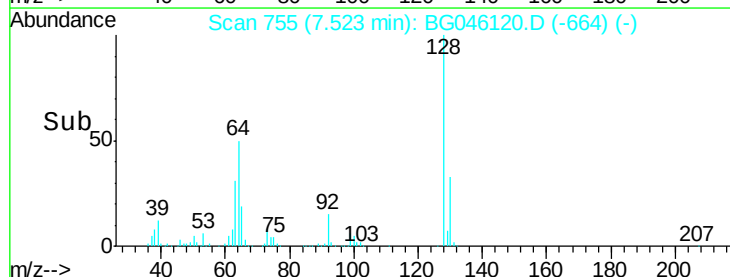
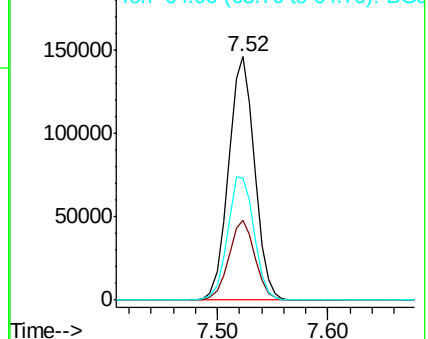
128 100

130 32.6 11.6 51.6

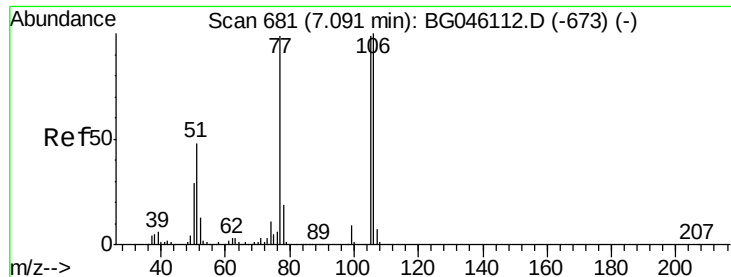
64 50.2 30.6 70.6



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: 43.723 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

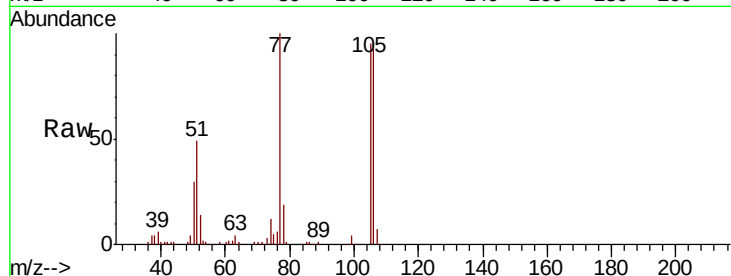
Tot Ion: 77 Resp: 173374

Ion Ratio Lower Upper

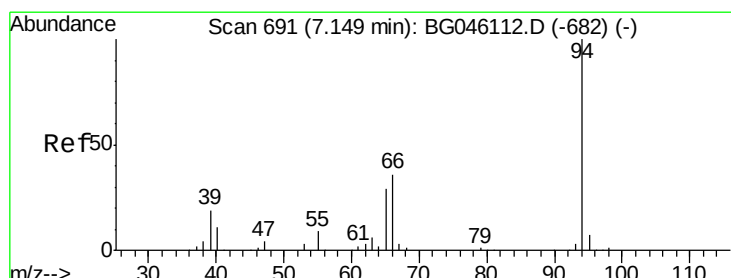
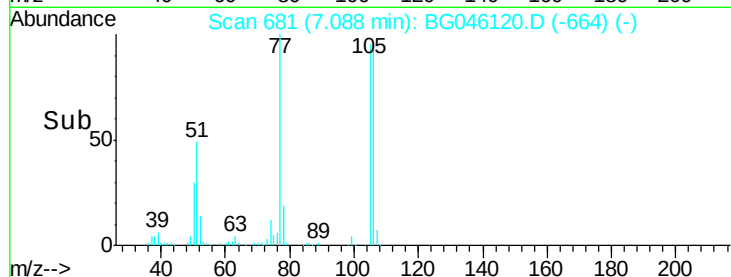
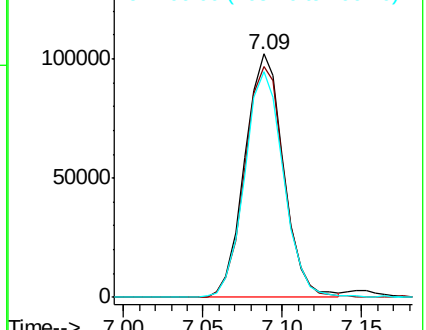
77 100

105 94.7 80.3 120.3

106 92.8 81.5 121.5



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: 45.031 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

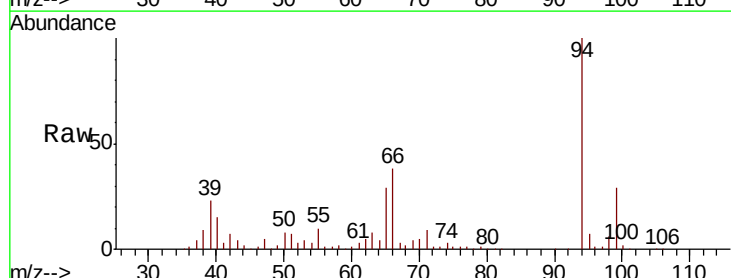
Tgt Ion: 94 Resp: 302346

Ion Ratio Lower Upper

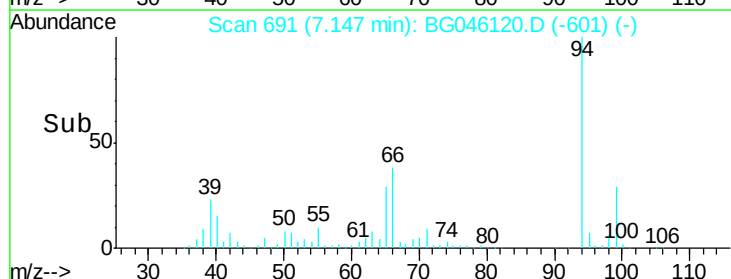
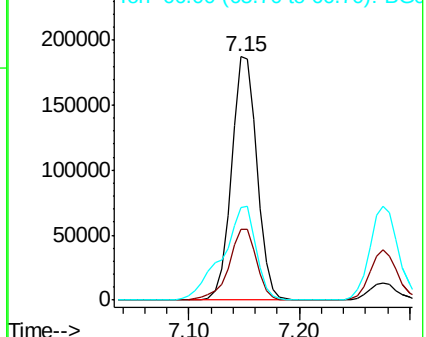
94 100

65 29.2 9.6 49.6

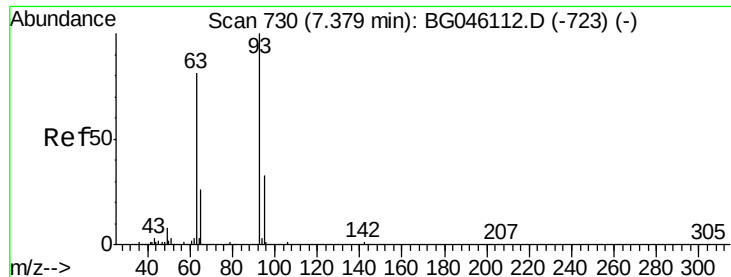
66 38.0 16.3 56.3



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



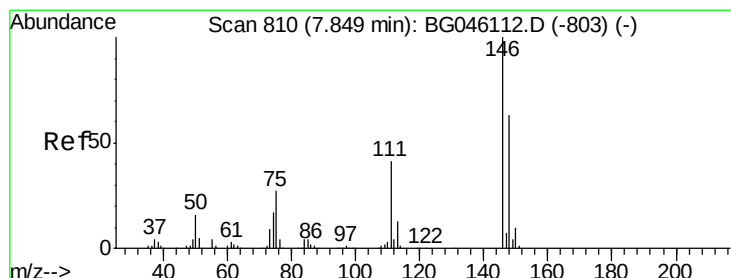
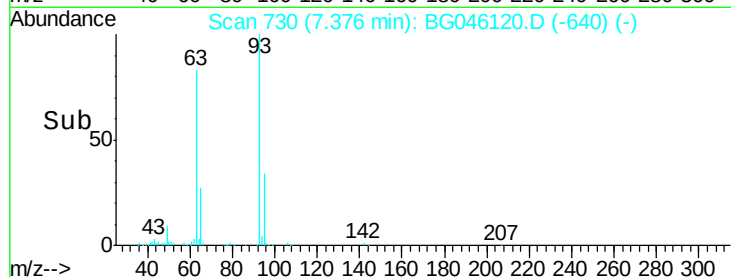
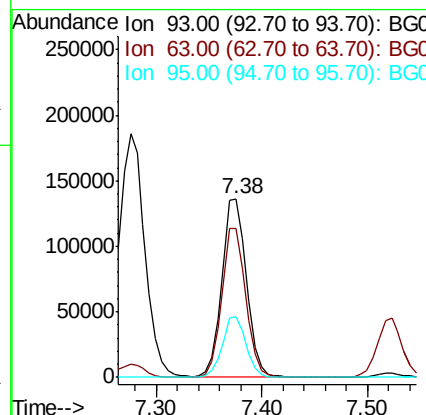
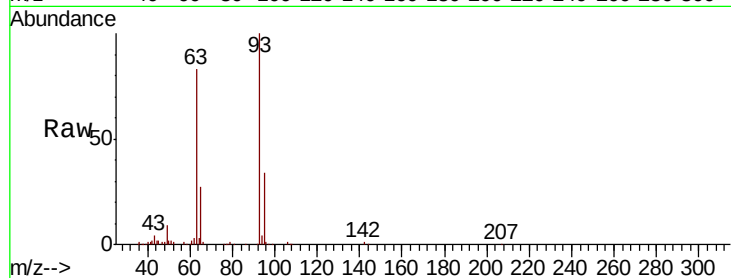




#11  
bis(2-Chloroethyl)ether  
Concen: 41.913 ng  
RT: 7.38 min Scan# 730  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

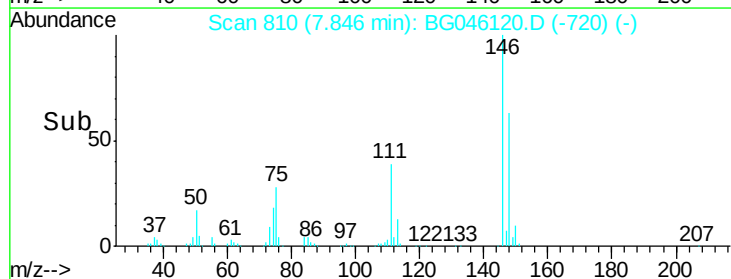
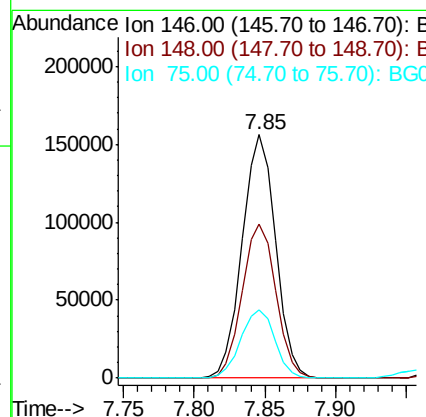
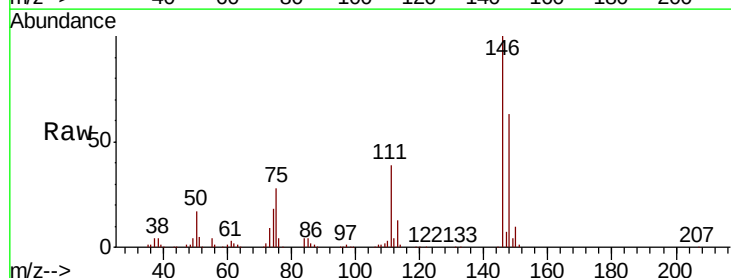
Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

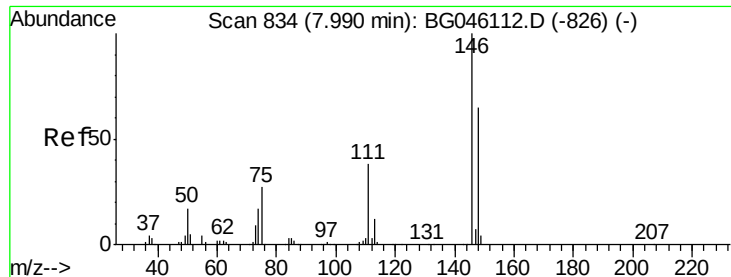
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 223839 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 83.1  | 60.0  | 100.0  |
| 95       | 34.1  | 12.6  | 52.6   |



#12  
1,3-Dichlorobenzene  
Concen: 39.519 ng  
RT: 7.85 min Scan# 810  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 259599 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.4  | 50.5  | 75.7   |
| 75       | 27.9  | 21.6  | 32.4   |

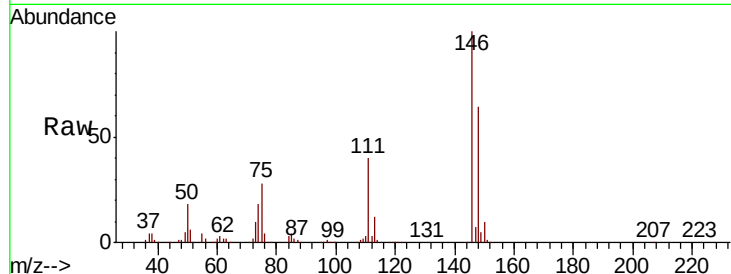




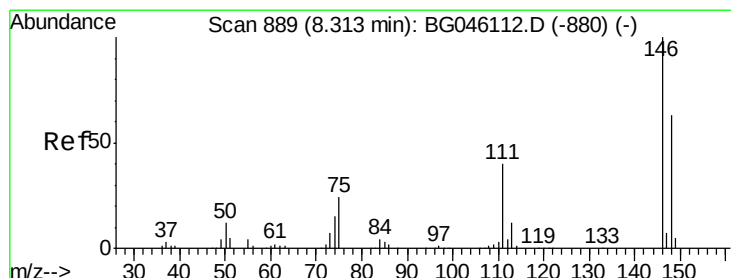
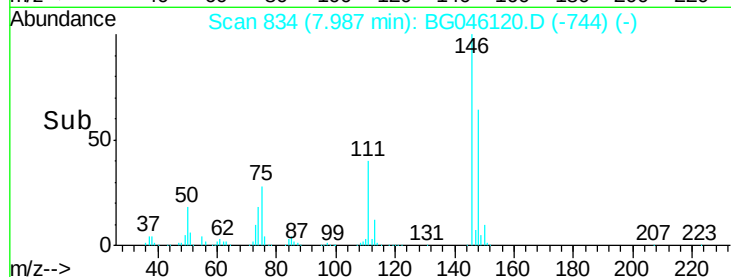
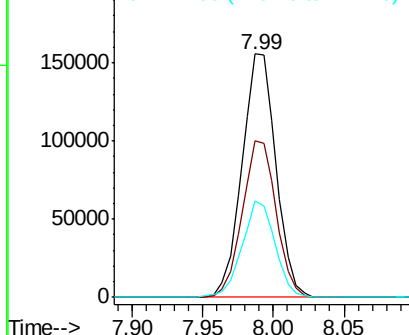
#13  
 1,4-Dichlorobenzene  
 Concen: 39.676 ng  
 RT: 7.99 min Scan# 834  
 Delta R.T. -0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130544BS

Tot Ion:146 Resp: 261707  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 51.8 77.6  
 111 39.8 30.7 46.1

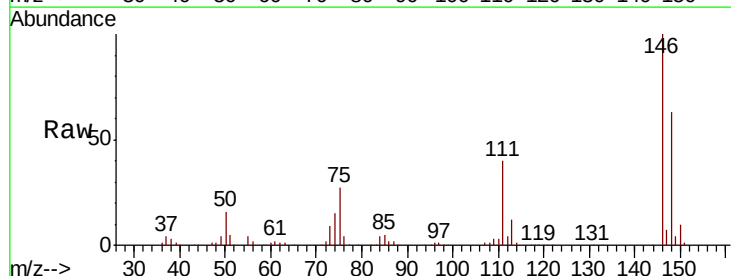


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

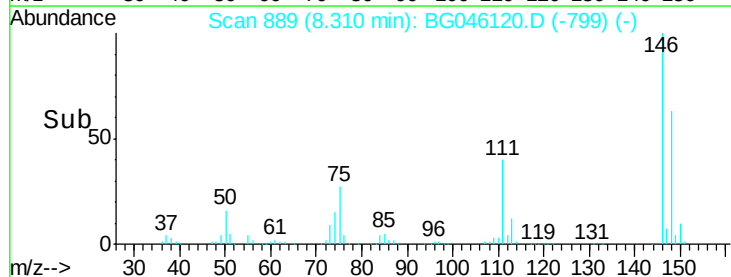
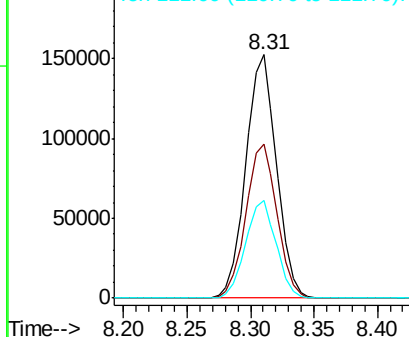


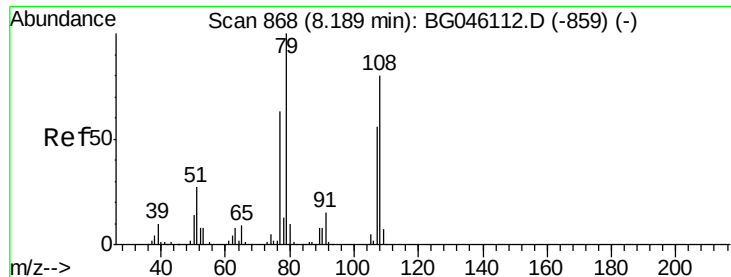
#14  
 1,2-Dichlorobenzene  
 Concen: 41.112 ng  
 RT: 8.31 min Scan# 889  
 Delta R.T. -0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

Tgt Ion:146 Resp: 255752  
 Ion Ratio Lower Upper  
 146 100  
 148 63.2 50.8 76.2  
 111 40.0 32.4 48.6



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

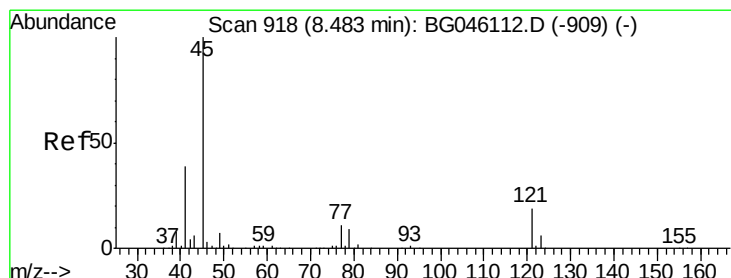
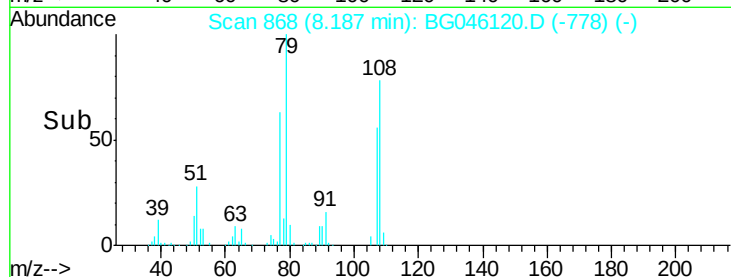
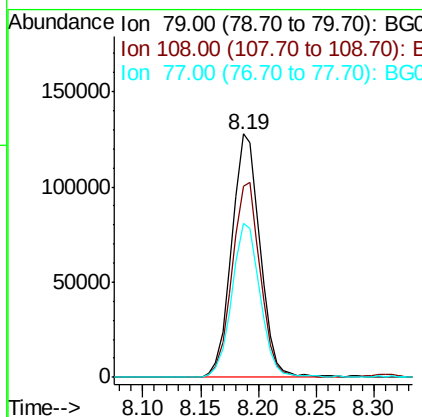
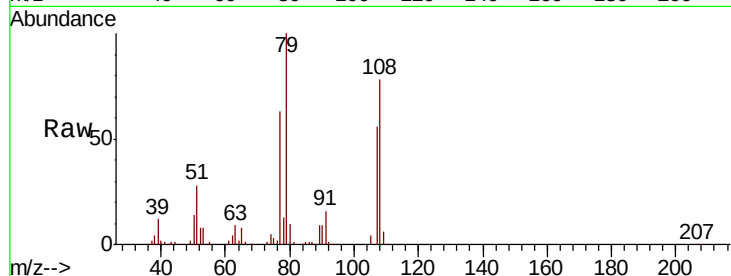




#15  
Benzyl Alcohol  
Concen: 47.070 ng  
RT: 8.19 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

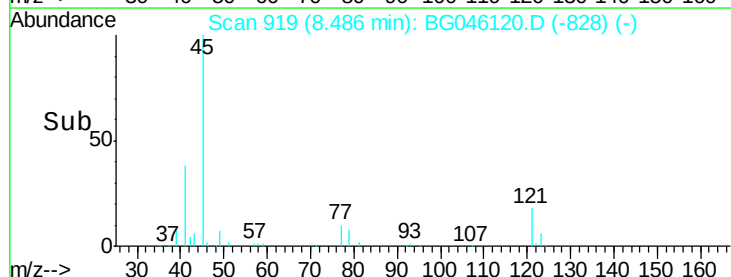
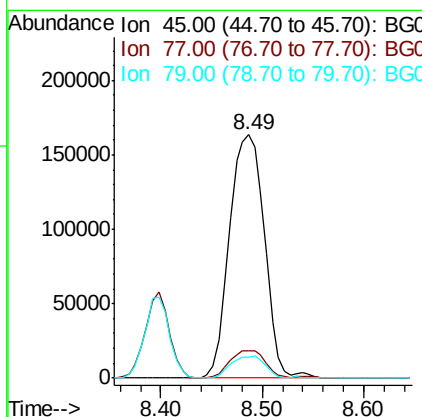
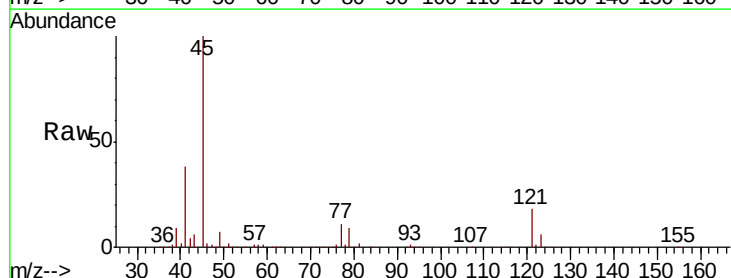
Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

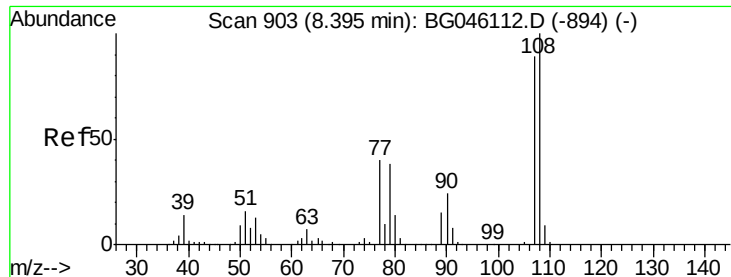
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 78.5  | 64.1  | 96.1  |
| 77      | 63.5  | 50.2  | 75.2  |



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 44.600 ng  
RT: 8.49 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.3  | 0.0   | 31.9  |
| 79      | 8.8   | 0.0   | 29.5  |

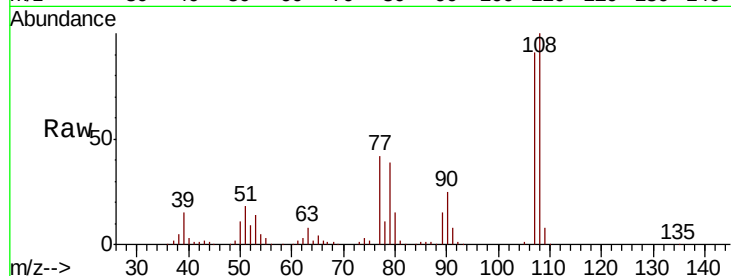




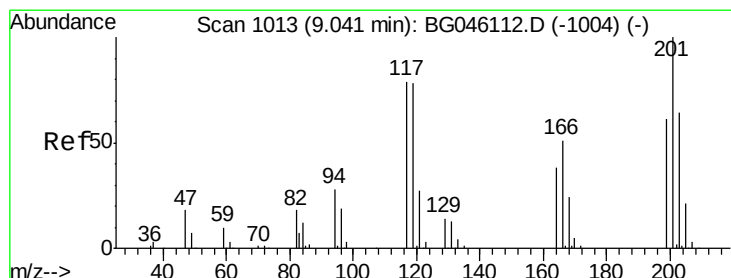
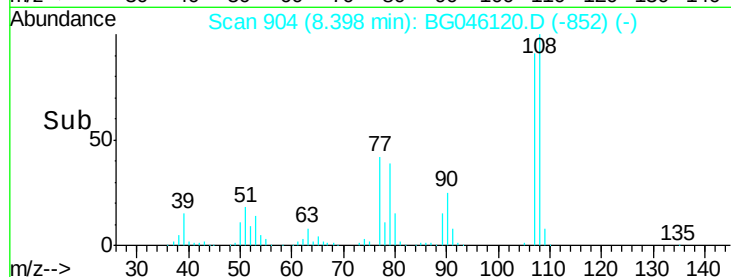
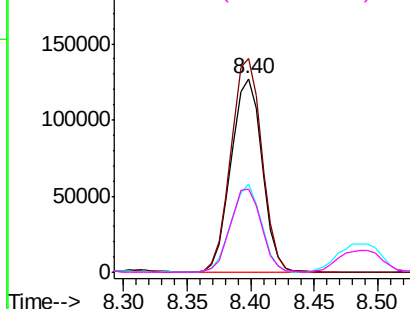
#17  
2-Methylphenol  
Concen: 47.491 ng  
RT: 8.40 min Scan# 904  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

Tot Ion:107 Resp: 215265  
Ion Ratio Lower Upper  
107 100  
108 110.2 90.0 135.0  
77 45.8 35.6 53.4  
79 42.9 34.4 51.6

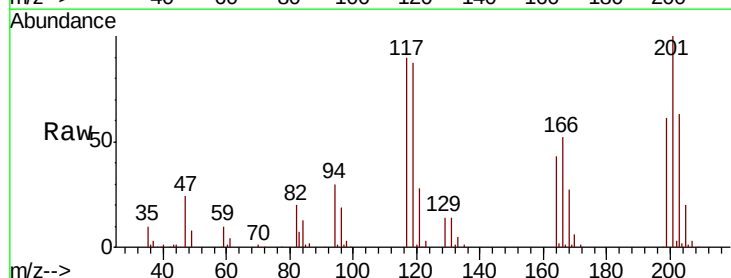


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

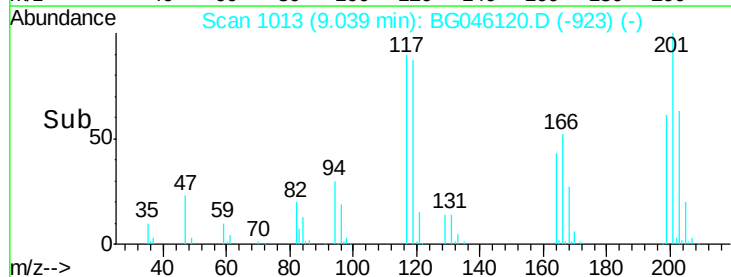
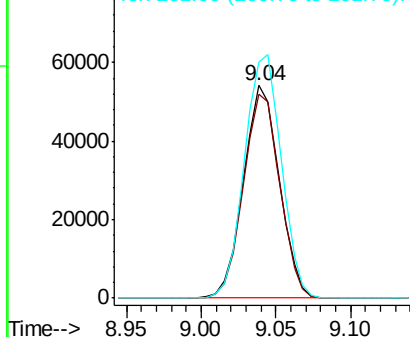


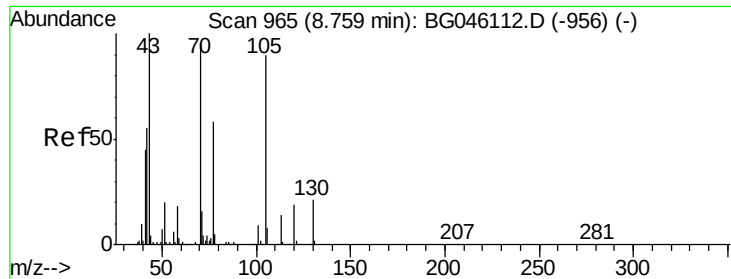
#18  
Hexachloroethane  
Concen: 40.872 ng  
RT: 9.04 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Tgt Ion:117 Resp: 90166  
Ion Ratio Lower Upper  
117 100  
119 96.2 78.5 117.7  
201 111.1 101.0 151.4



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

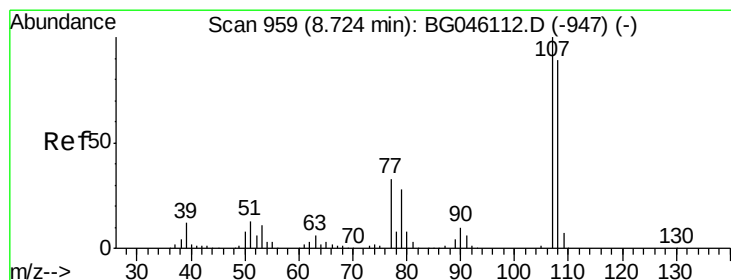
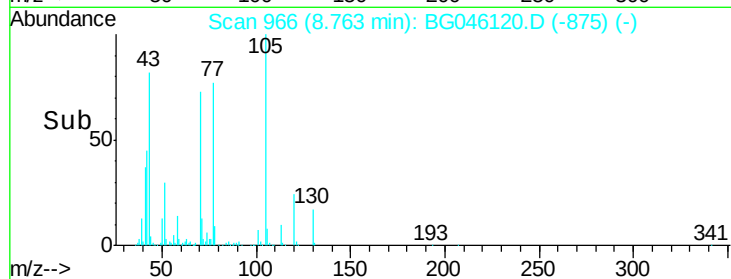
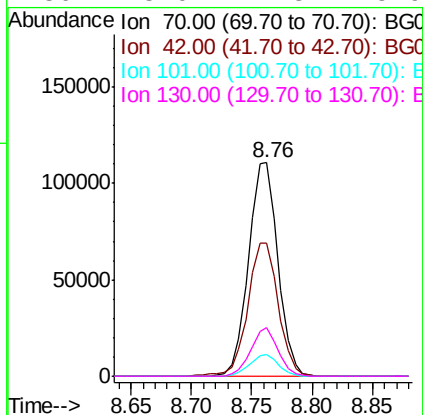
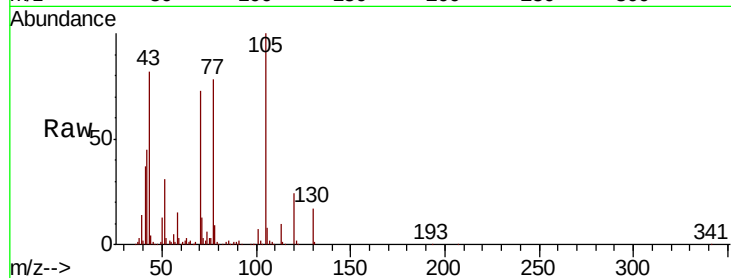




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.117 ng  
RT: 8.76 min Scan# 966  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

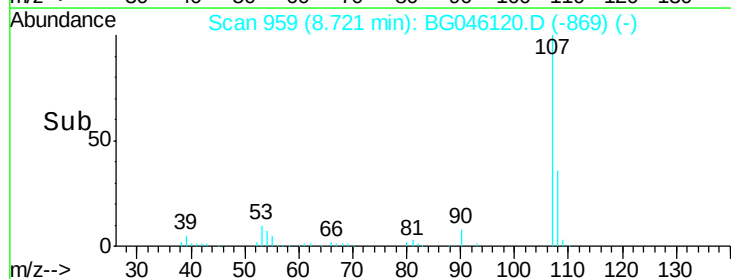
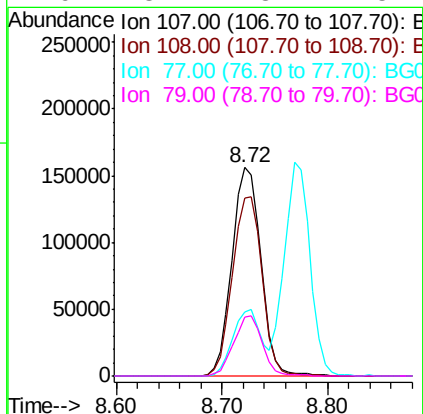
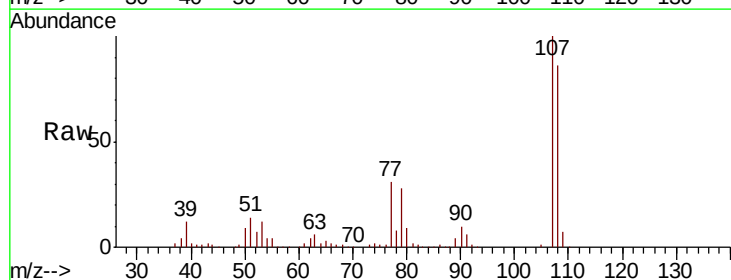
Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

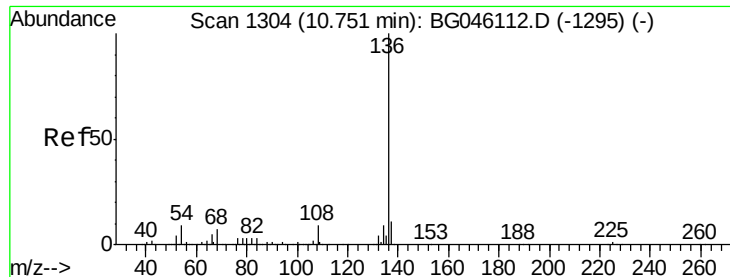
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 187518 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 62.2  | 46.5  | 69.7   |
| 101      | 10.0  | 7.6   | 11.4   |
| 130      | 23.0  | 17.3  | 25.9   |



#20  
3+4-Methylphenols  
Concen: 47.598 ng  
RT: 8.72 min Scan# 959  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 295307 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.6  | 69.1  | 109.1  |
| 77       | 30.8  | 12.5  | 52.5   |
| 79       | 28.4  | 8.4   | 48.4   |

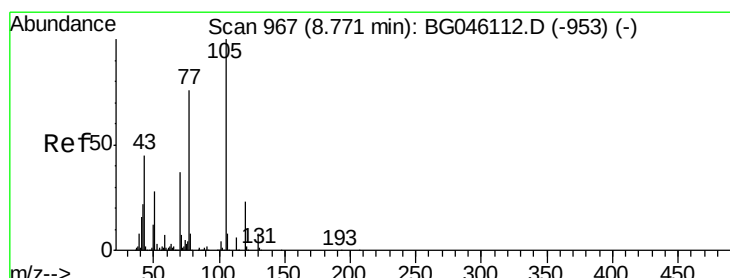
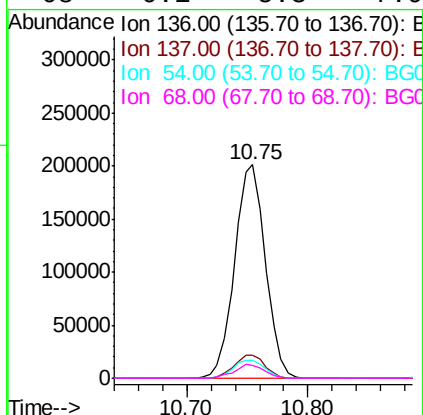
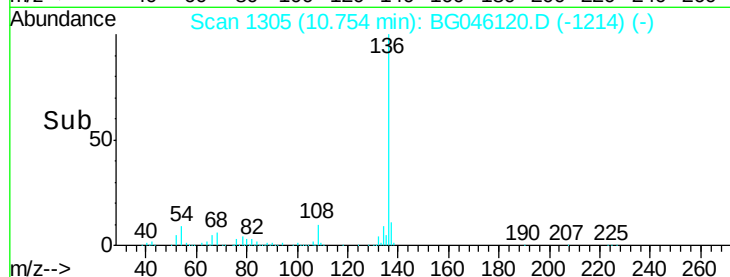
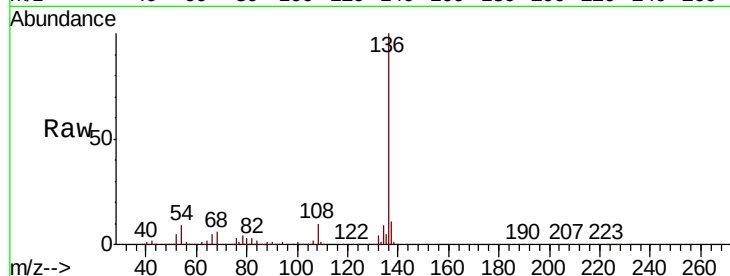




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.75 min Scan# 1305  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

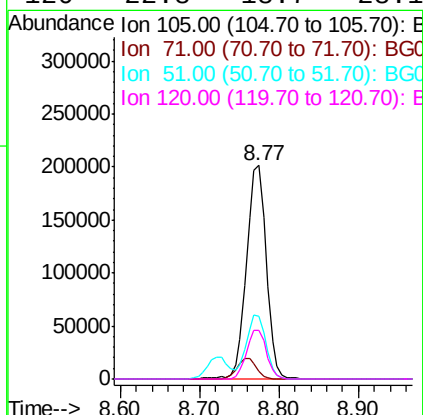
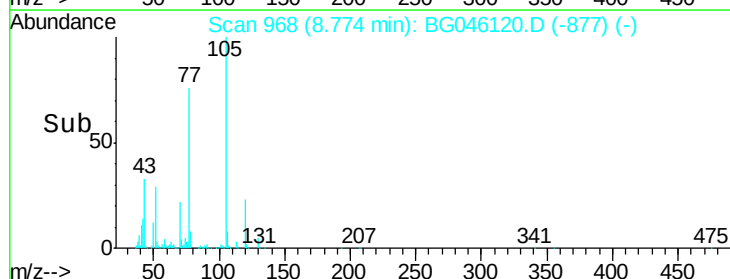
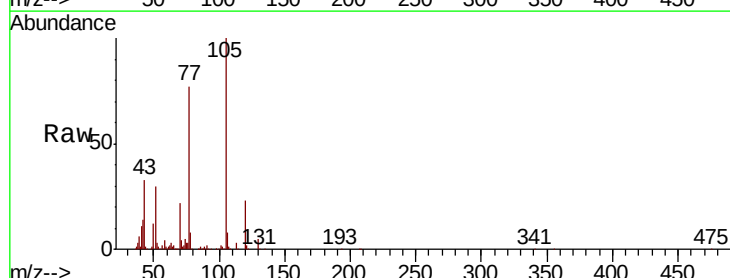
Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

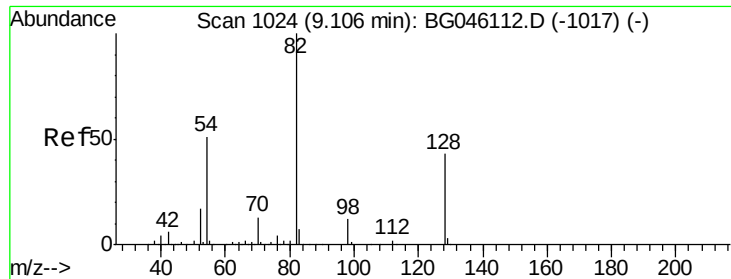
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 357198 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.7    | 8.8   | 13.2   |
| 54 8.7      | 7.0   | 10.4   |
| 68 6.1      | 5.3   | 7.9    |



#22  
Acetophenone  
Concen: 38.407 ng  
RT: 8.77 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 352081 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 3.6     | 5.3   | 7.9#   |
| 51  | 29.6    | 22.7  | 34.1   |
| 120 | 22.8    | 18.7  | 28.1   |

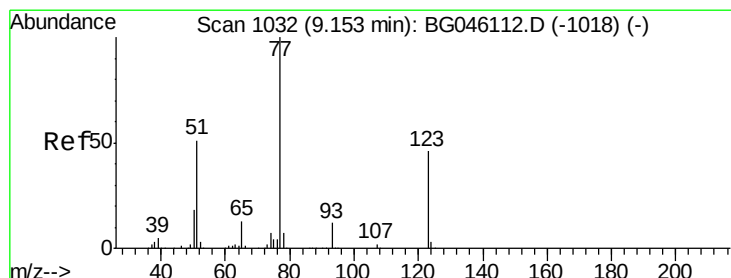
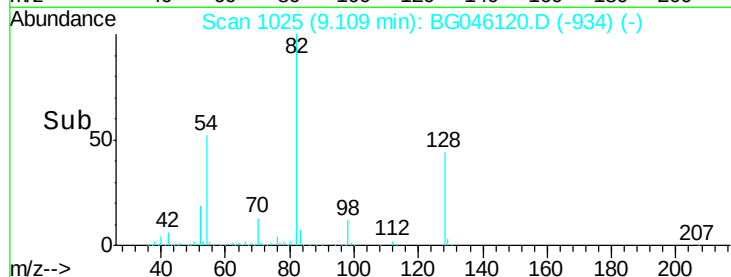
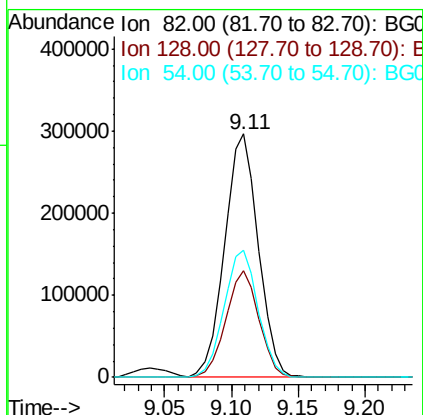
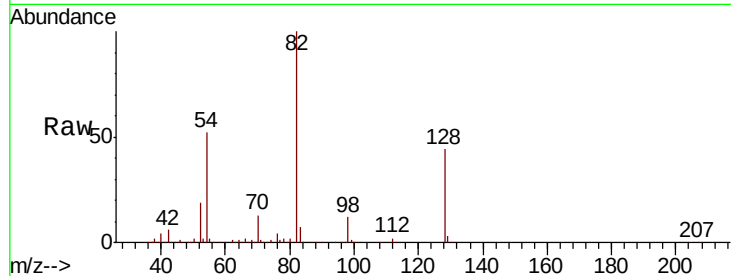




#23  
 Nitrobenzene-d5  
 Concen: 78.893 ng  
 RT: 9.11 min Scan# 1025  
 Delta R.T. 0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

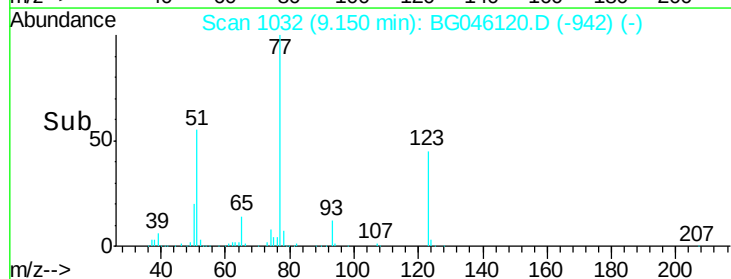
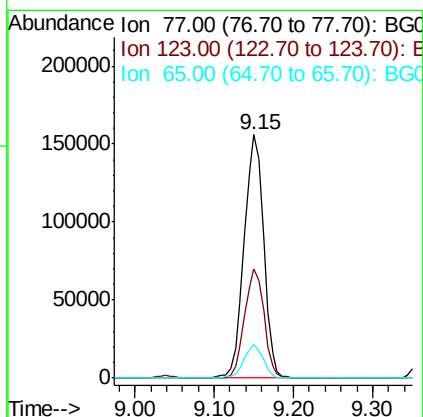
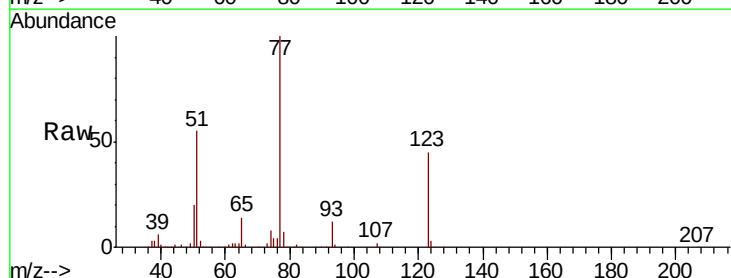
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130544BS

| Tot Ion   | 82   | Resp  | 520485 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 44.0 | 34.4  | 51.6   |
| 54        | 52.2 | 40.8  | 61.2   |

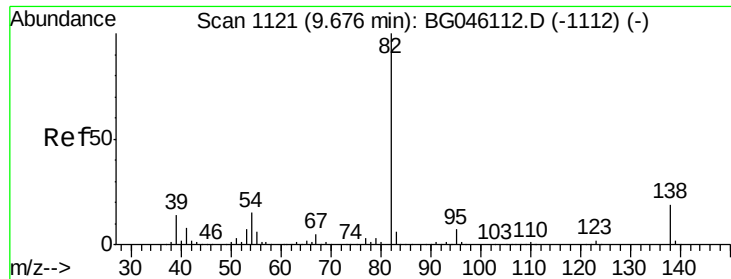


#24  
 Nitrobenzene  
 Concen: 38.084 ng  
 RT: 9.15 min Scan# 1032  
 Delta R.T. -0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

| Tgt Ion   | 77   | Resp  | 267877 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 44.9 | 36.8  | 55.2   |
| 65        | 13.6 | 10.2  | 15.2   |







#25

Isophorone

Concen: 39.318 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

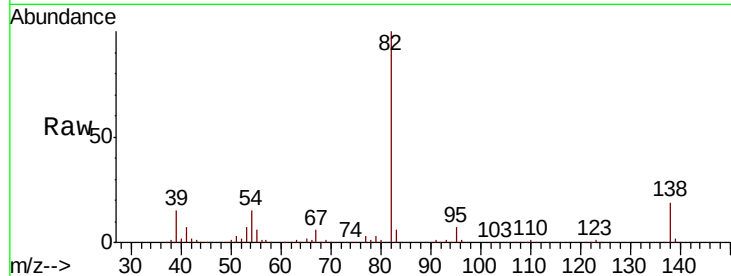
Tot Ion: 82 Resp: 516153

Ion Ratio Lower Upper

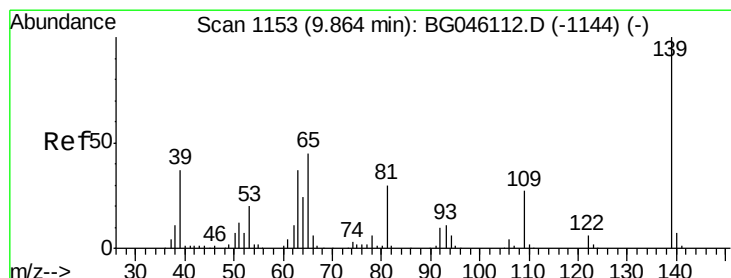
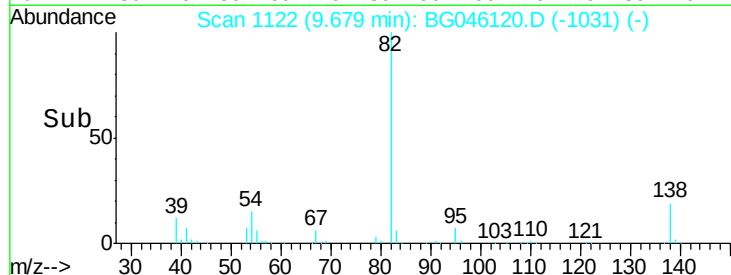
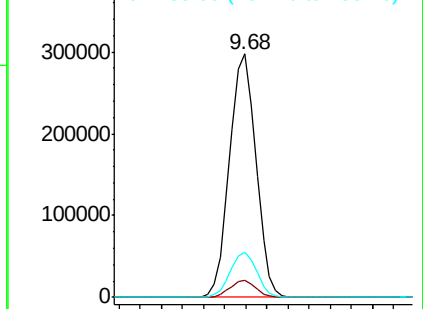
82 100

95 6.9 5.5 8.3

138 18.7 15.3 22.9



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



#26

2-Nitrophenol

Concen: 41.757 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

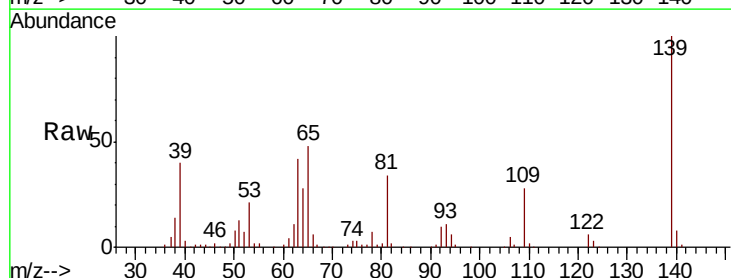
Tgt Ion: 139 Resp: 133116

Ion Ratio Lower Upper

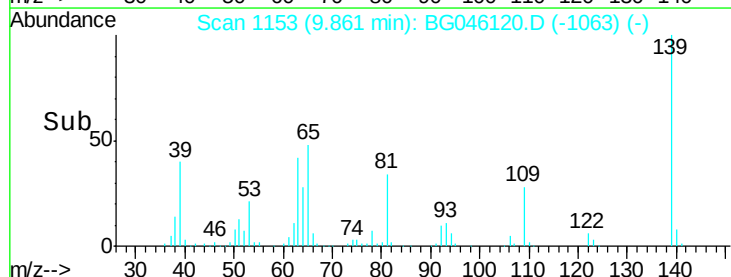
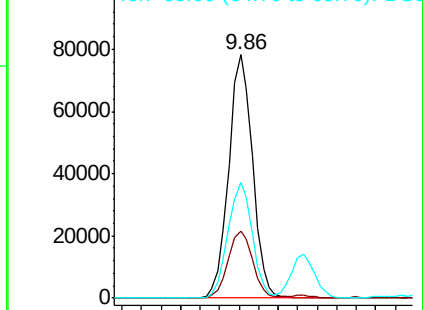
139 100

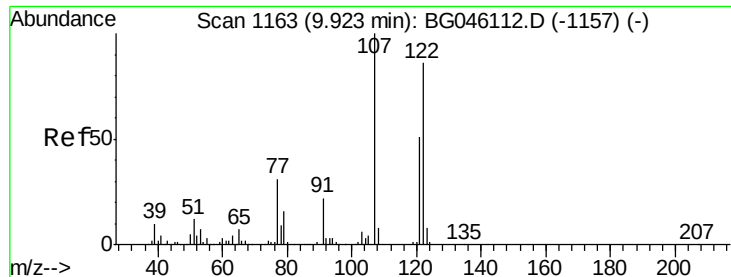
109 27.8 21.8 32.8

65 47.6 36.2 54.2



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: 44.397 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

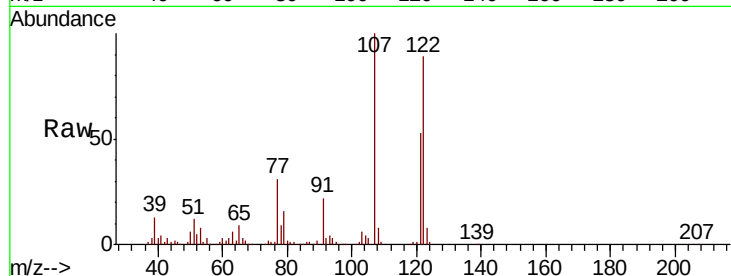
Tot Ion:122 Resp: 230265

Ion Ratio Lower Upper

122 100

107 112.0 92.4 138.6

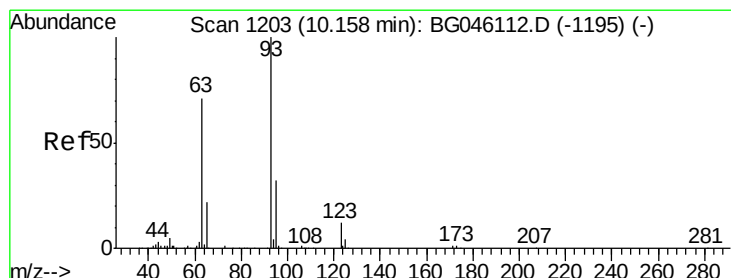
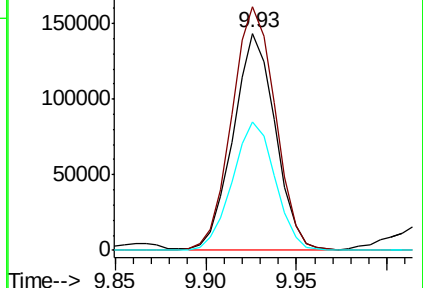
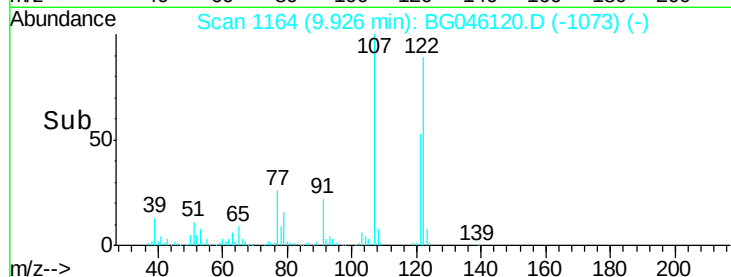
121 58.8 47.0 70.6



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: 43.034 ng

RT: 10.16 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

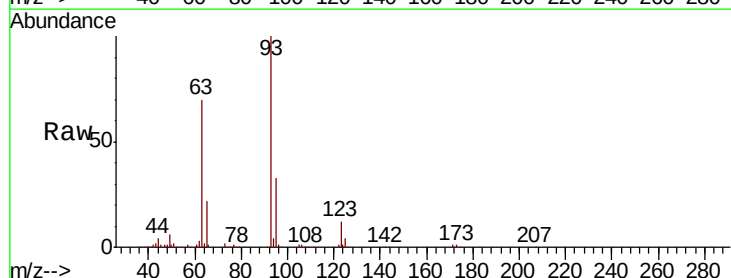
Tgt Ion: 93 Resp: 307176

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

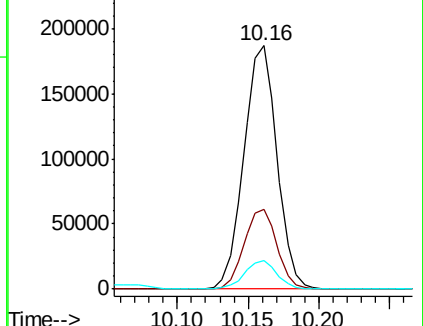
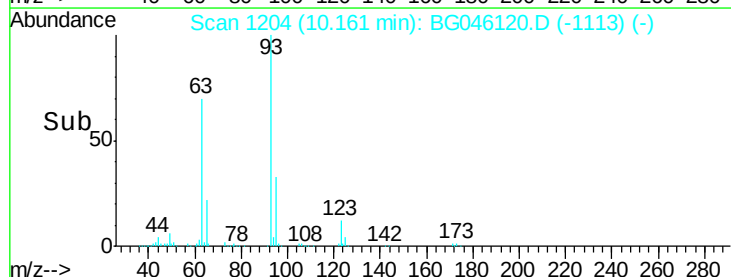
123 11.5 9.7 14.5

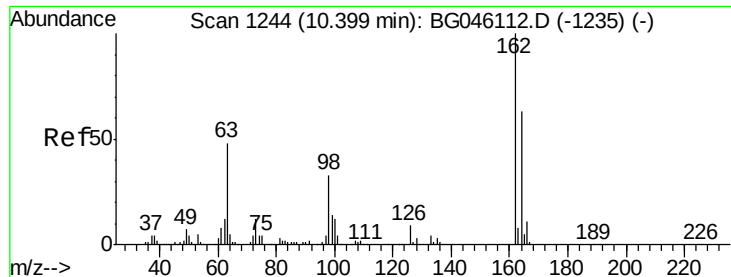


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

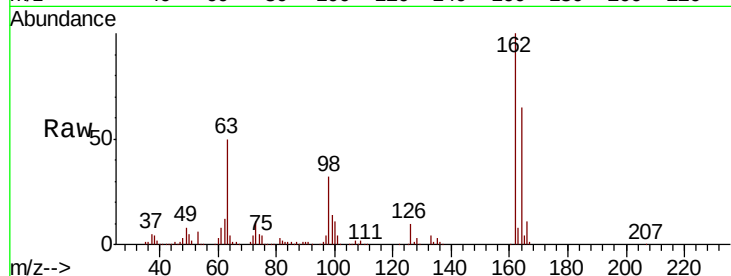




#29  
2,4-Dichlorophenol  
Concen: 42.135 ng  
RT: 10.40 min Scan# 1245  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 43.3  | 83.3  |
| 98      | 31.7  | 13.1  | 53.1  |

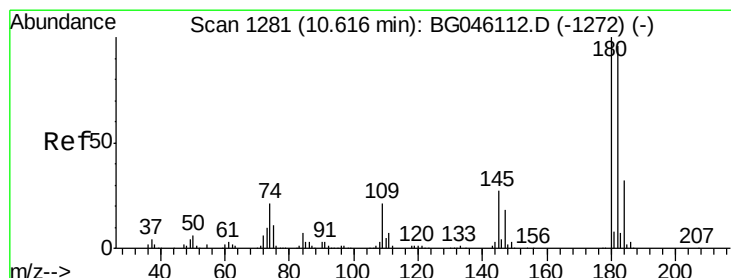
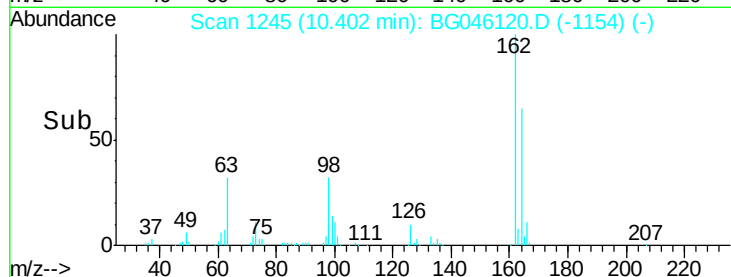
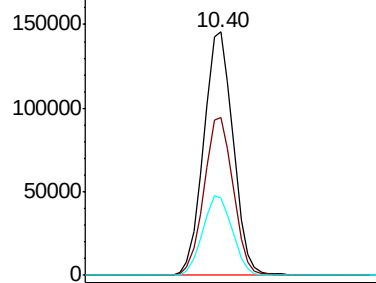


Abundance

Ion 162.00 (161.70 to 162.70): E

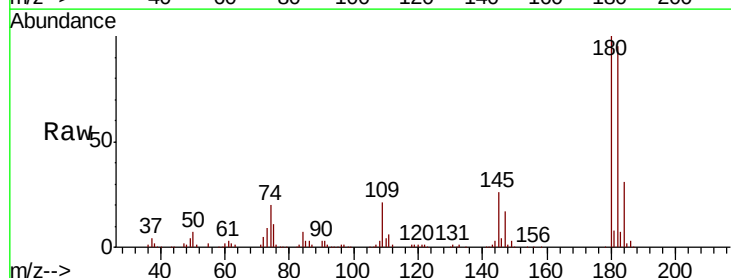
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30  
1,2,4-Trichlorobenzene  
Concen: 36.803 ng  
RT: 10.62 min Scan# 1282  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 76.7  | 115.1 |
| 145     | 26.2  | 21.8  | 32.8  |

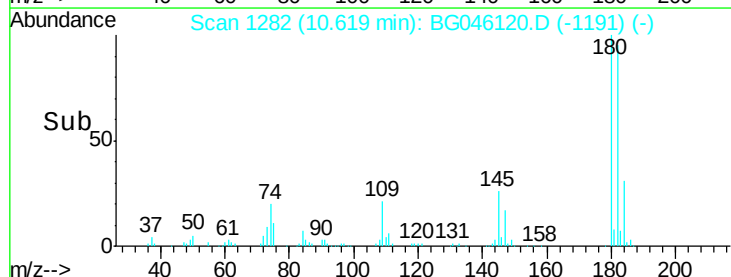
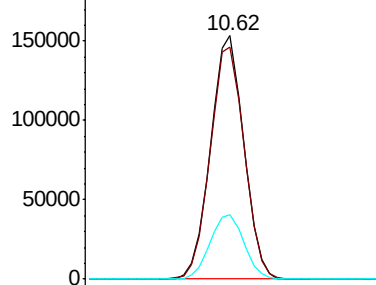


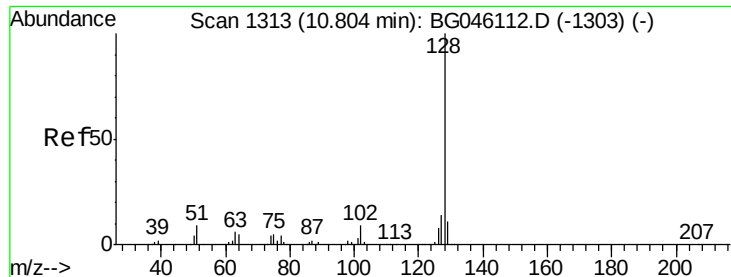
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

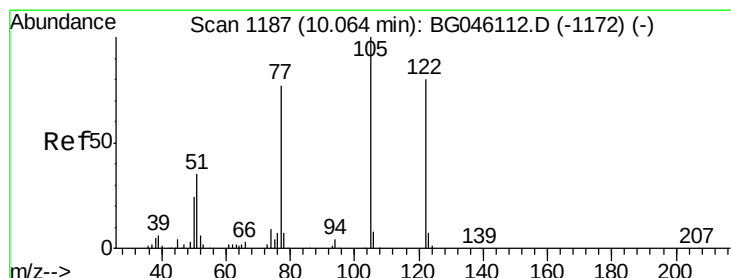
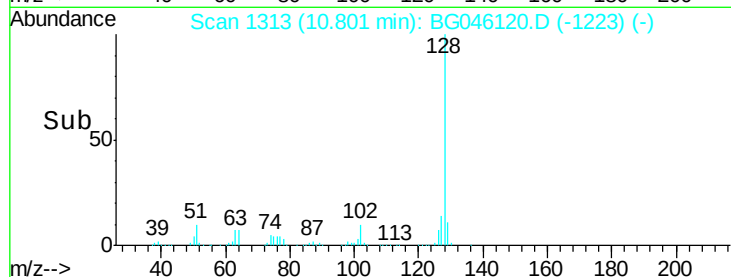
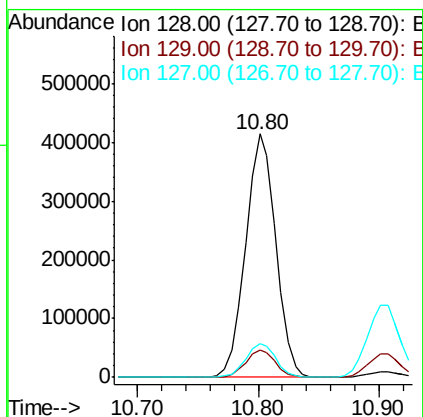
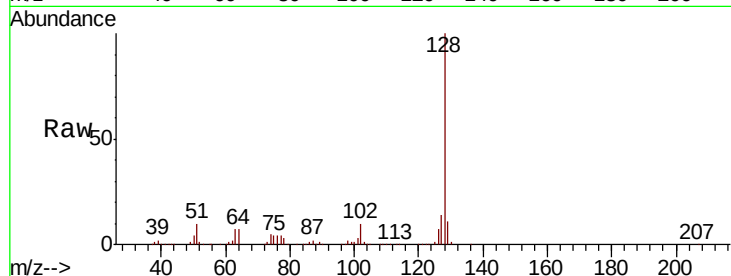




#31  
Naphthalene  
Concen: 38.067 ng  
RT: 10.80 min Scan# 1313  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

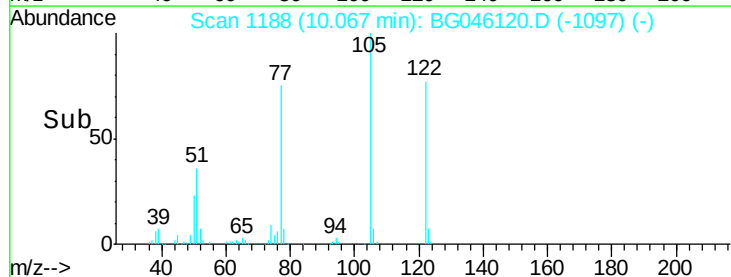
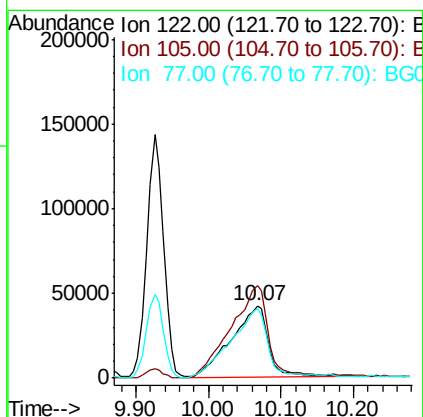
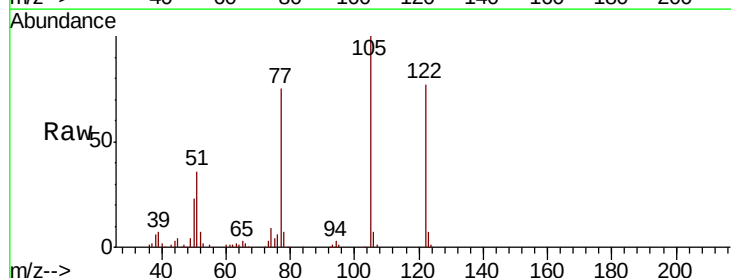
Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

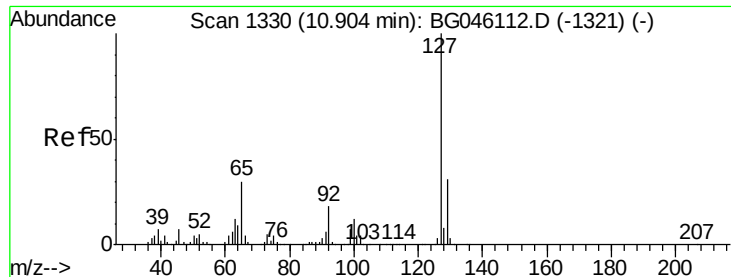
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 9.1   | 13.7  |
| 127     | 13.9  | 11.3  | 16.9  |



#32  
Benzoic acid  
Concen: 41.225 ng  
RT: 10.07 min Scan# 1188  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 129.2 | 103.0 | 143.0 |
| 77      | 96.7  | 75.2  | 115.2 |

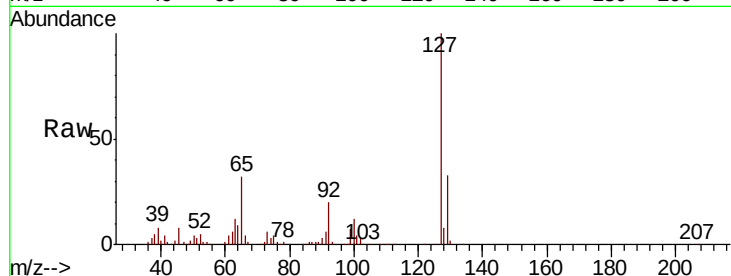




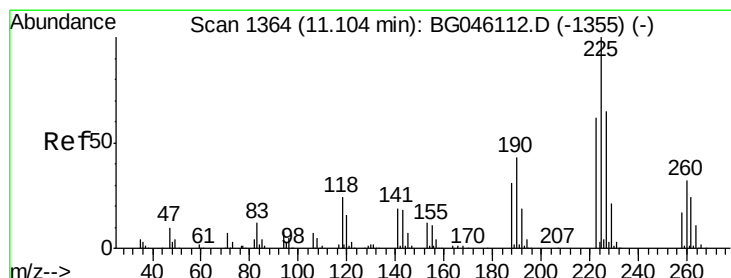
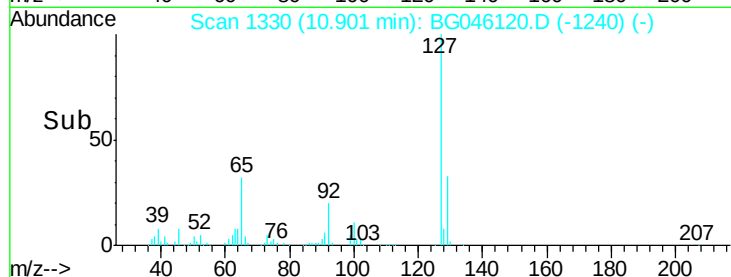
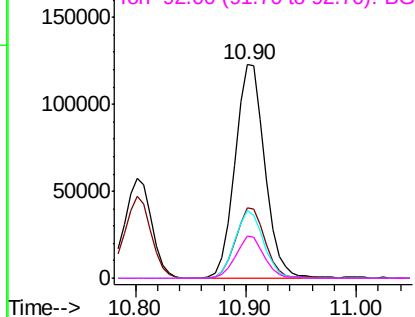
#33  
4-Chloroaniline  
Concen: 30.262 ng  
RT: 10.90 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 233719 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 25.2  | 37.8   |
| 65       | 31.8  | 24.2  | 36.2   |
| 92       | 19.6  | 14.5  | 21.7   |

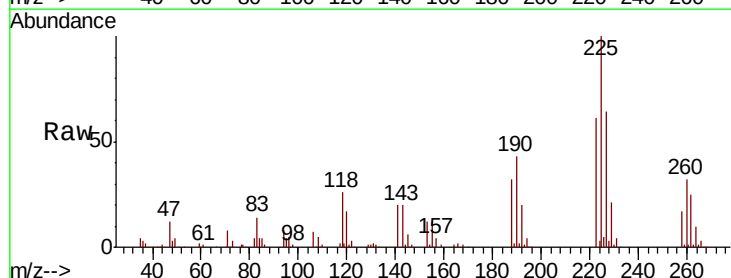


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

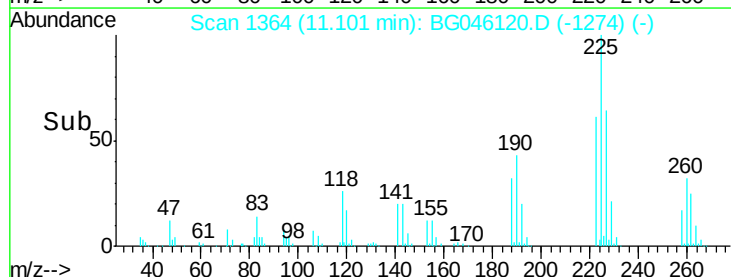
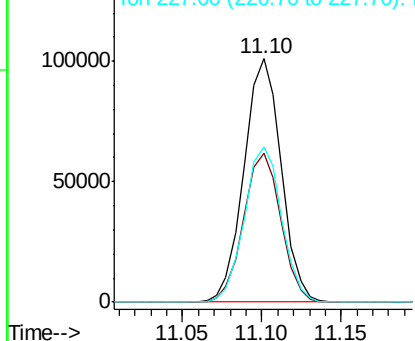


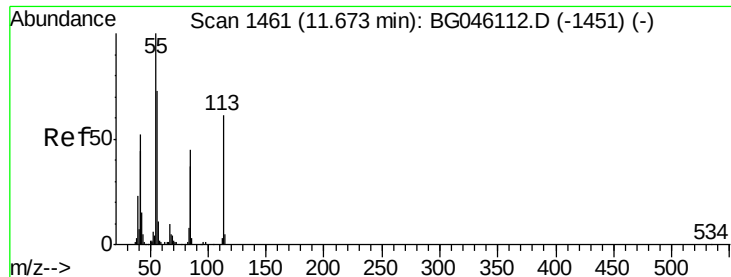
#34  
Hexachlorobutadiene  
Concen: 34.532 ng  
RT: 11.10 min Scan# 1364  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 164298 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.4  | 49.8  | 74.6   |
| 227      | 63.9  | 51.9  | 77.9   |



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





#35

Caprolactam

Concen: 25.557 ng

RT: 11.72 min Scan# 1469

Delta R.T. 0.04 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

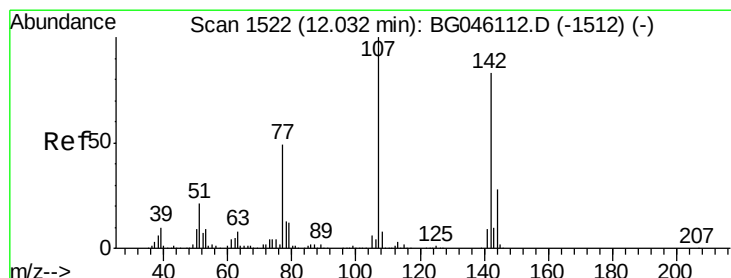
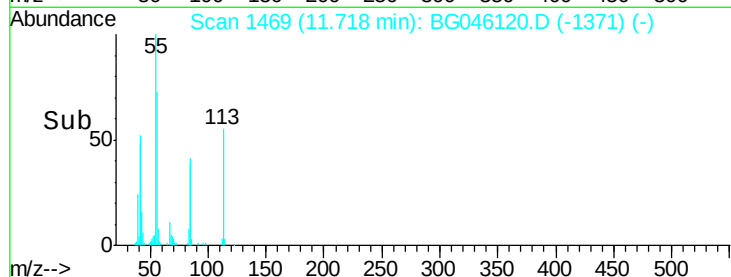
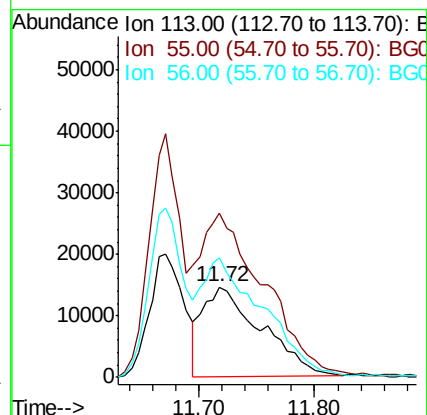
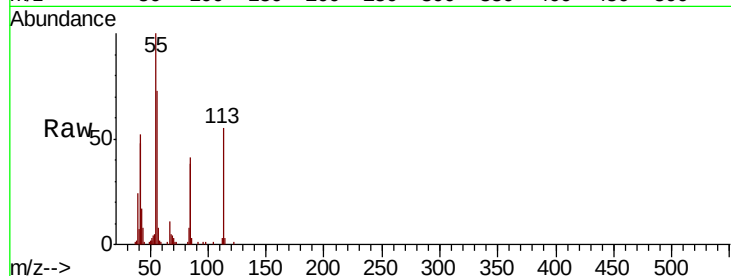
Tot Ion:113 Resp: 51035

Ion Ratio Lower Upper

113 100

55 181.2 144.7 184.7

56 131.6 99.4 139.4



#36

4-Chloro-3-methylphenol

Concen: 45.273 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

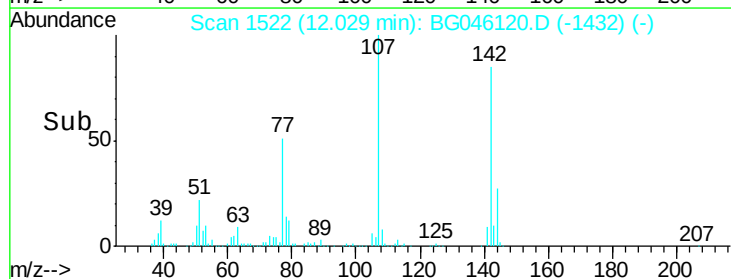
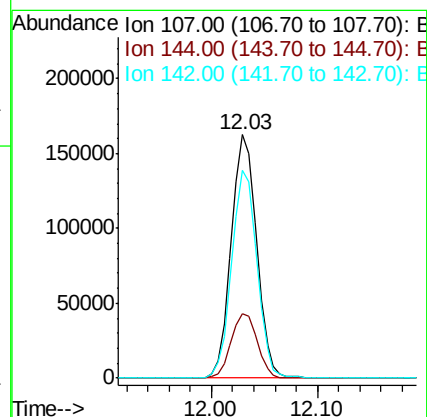
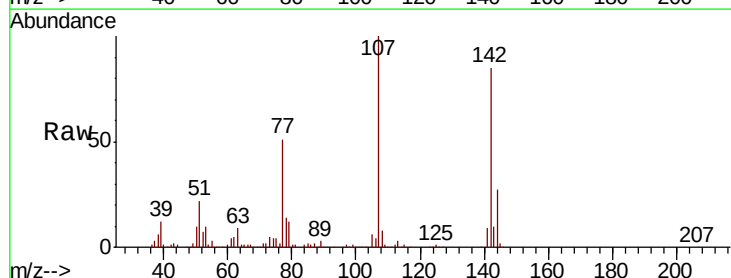
Tgt Ion:107 Resp: 271060

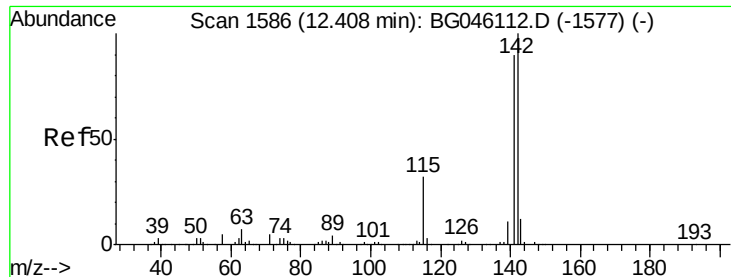
Ion Ratio Lower Upper

107 100

144 26.7 22.4 33.6

142 85.3 66.6 100.0

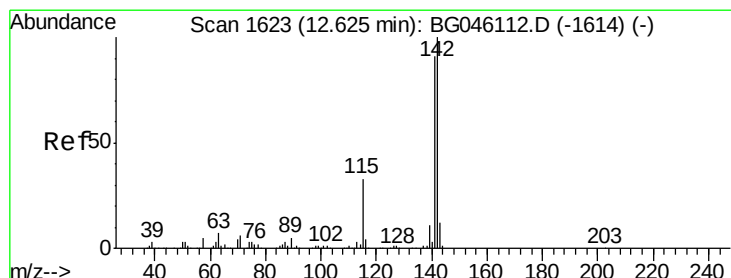
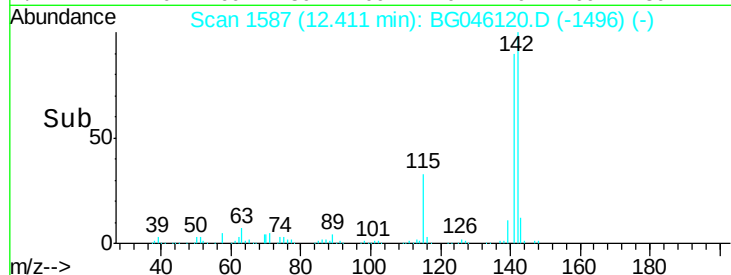
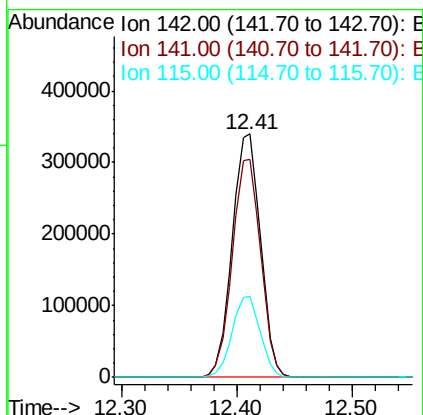
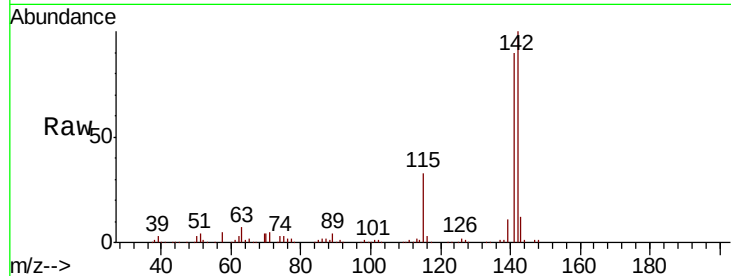




#37  
2-Methylnaphthalene  
Concen: 39.649 ng  
RT: 12.41 min Scan# 1587  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

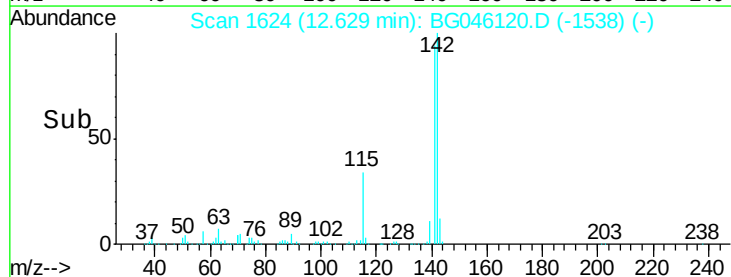
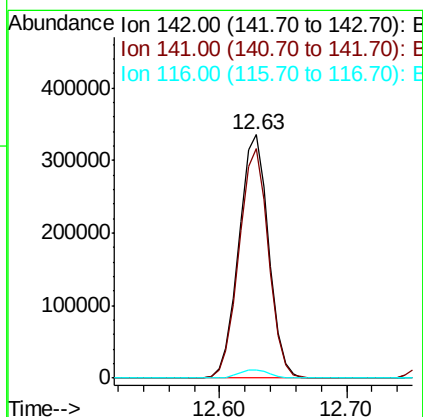
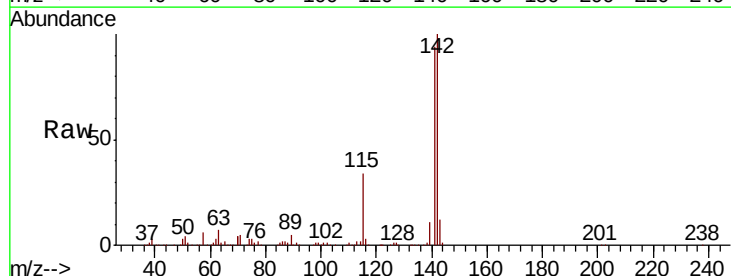
Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

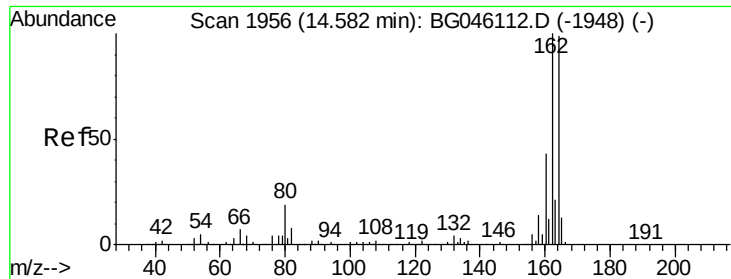
Tot Ion:142 Resp: 576615  
Ion Ratio Lower Upper  
142 100  
141 89.6 71.7 107.5  
115 33.3 25.8 38.8



#38  
1-Methylnaphthalene  
Concen: 39.427 ng  
RT: 12.63 min Scan# 1624  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Tgt Ion:142 Resp: 542580  
Ion Ratio Lower Upper  
142 100  
141 94.1 73.0 109.4  
116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

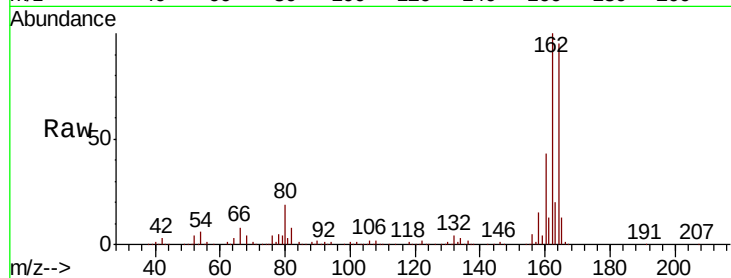
Tot Ion:164 Resp: 243300

Ion Ratio Lower Upper

164 100

162 105.2 80.6 121.0

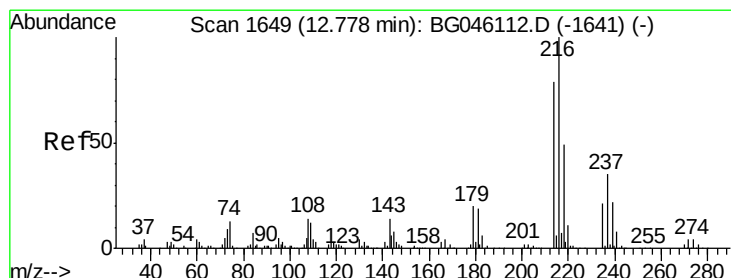
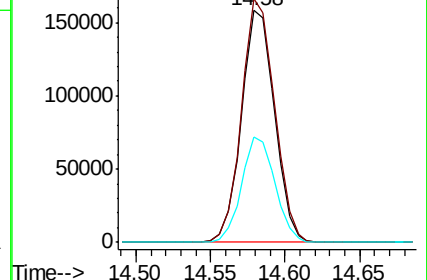
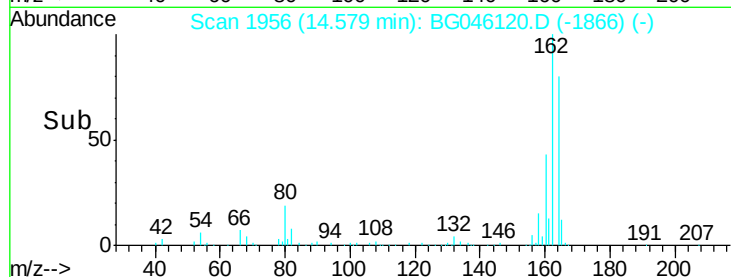
160 45.7 34.9 52.3



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: 35.702 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:216 Resp: 312972

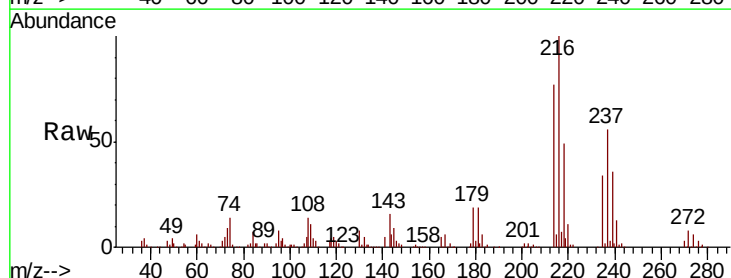
Ion Ratio Lower Upper

216 100

214 76.8 62.7 94.1

179 19.2 15.0 22.6

108 17.5 11.6 17.4#

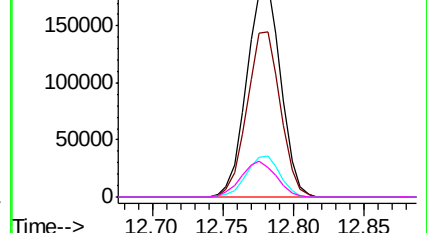
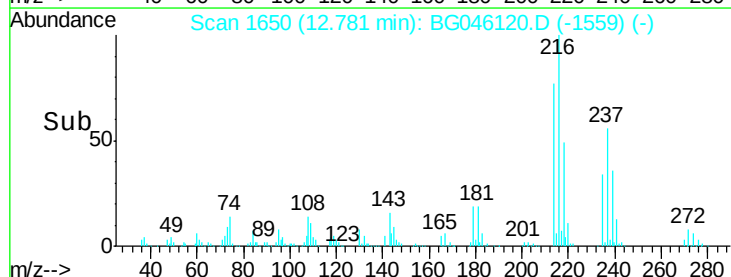


Abundance Ion 216.00 (215.70 to 216.70): E

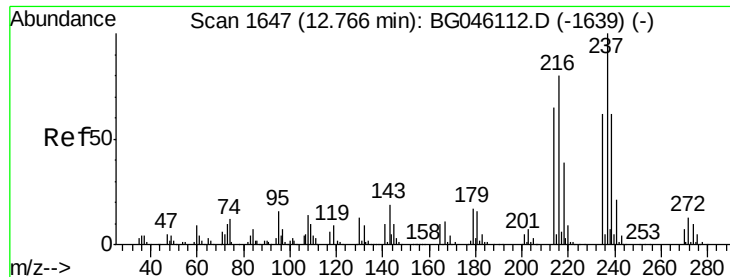
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



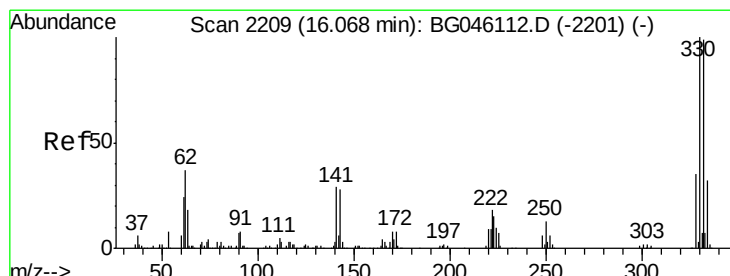
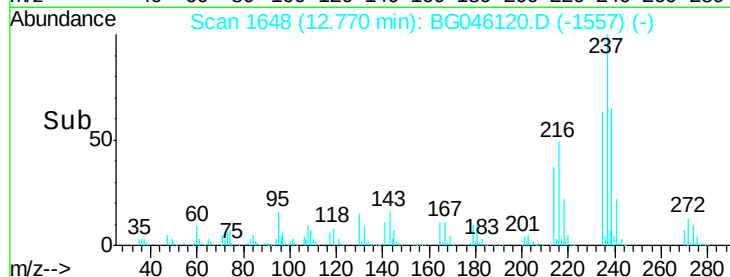
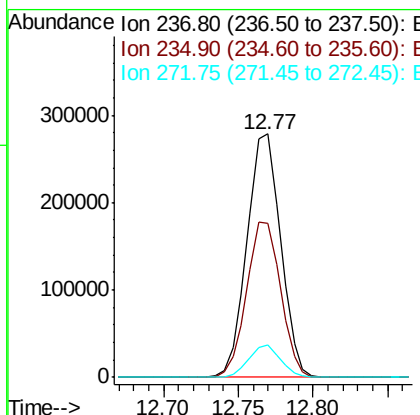
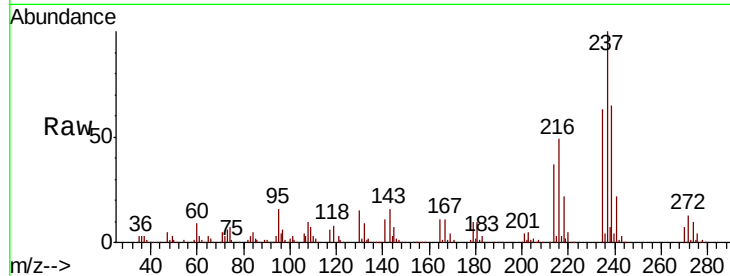




#41  
Hexachlorocyclopentadiene  
Concen: 86.306 ng  
RT: 12.77 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

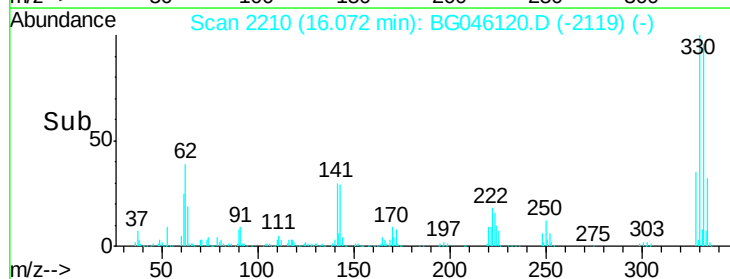
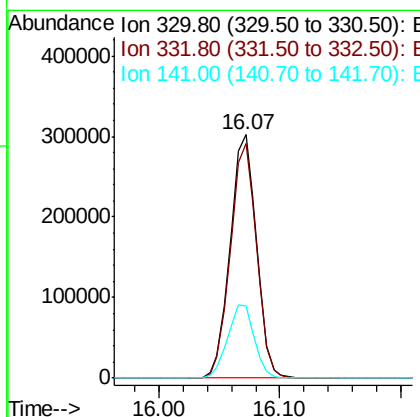
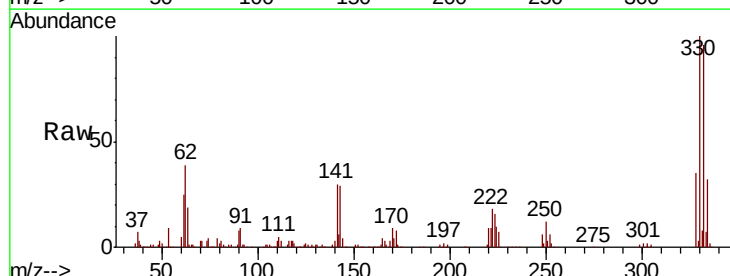
Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

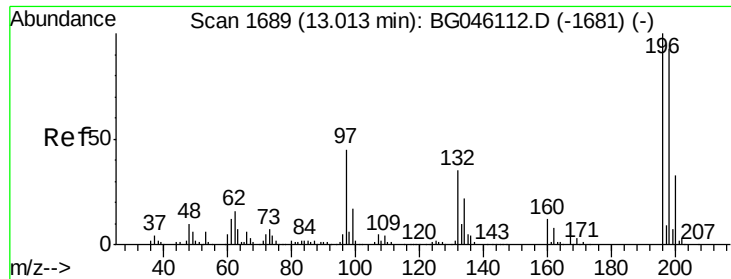
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 433961 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.1  | 42.3  | 82.3   |
| 272       | 13.5  | 0.0   | 32.7   |



#42  
2,4,6-Tribromophenol  
Concen: 122.755 ng  
RT: 16.07 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 458741 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.0  | 77.4  | 116.2  |
| 141       | 30.7  | 23.4  | 35.0   |

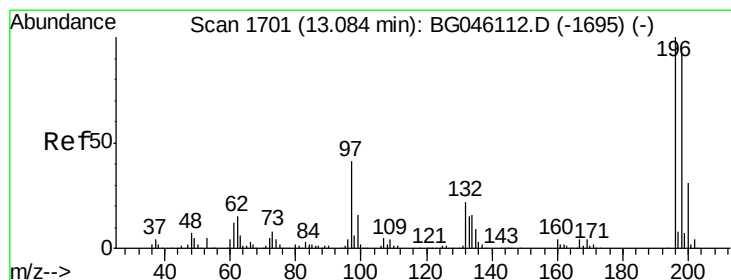
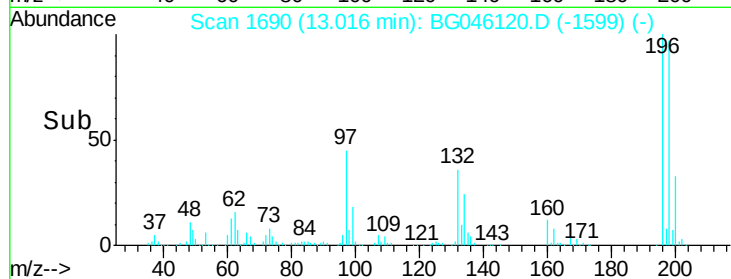
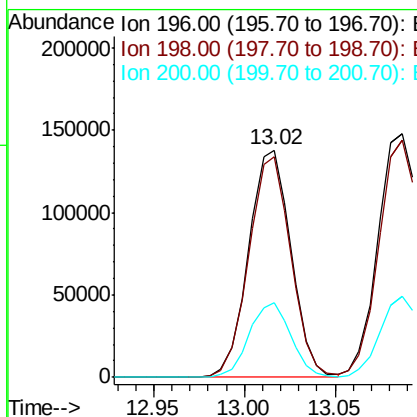
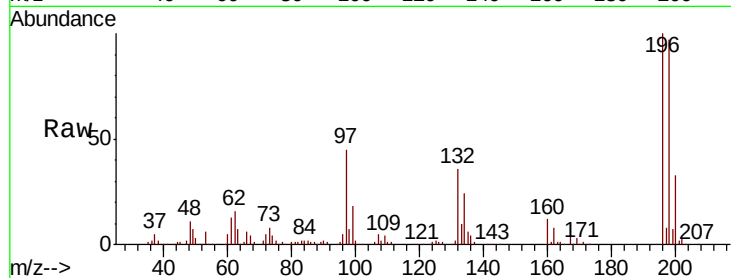




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.144 ng  
 RT: 13.02 min Scan# 1690  
 Delta R.T. 0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

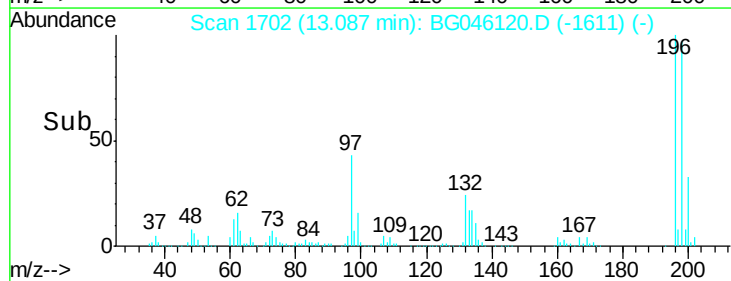
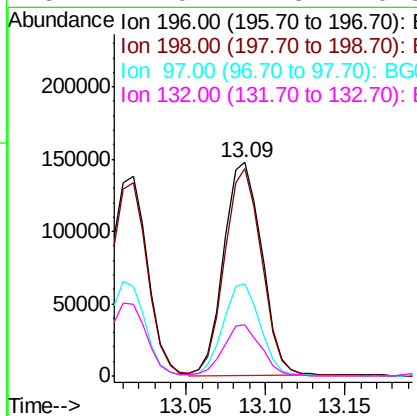
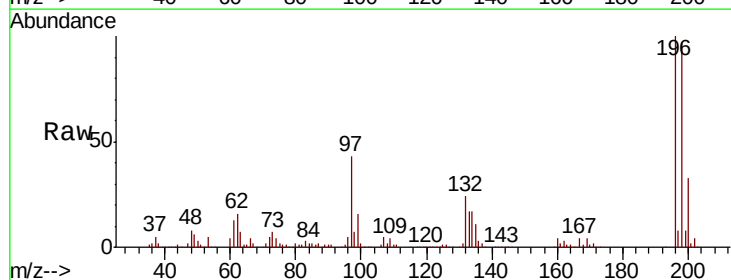
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130544BS

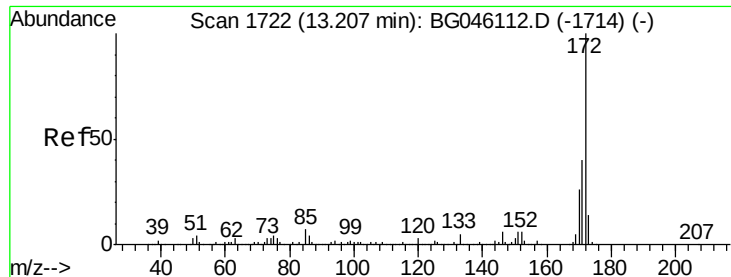
Tot Ion:196 Resp: 224518  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 74.2 111.4  
 200 32.9 26.0 39.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.308 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. 0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

Tgt Ion:196 Resp: 245971  
 Ion Ratio Lower Upper  
 196 100  
 198 97.3 73.9 110.9  
 97 43.1 32.7 49.1  
 132 24.0 17.8 26.8

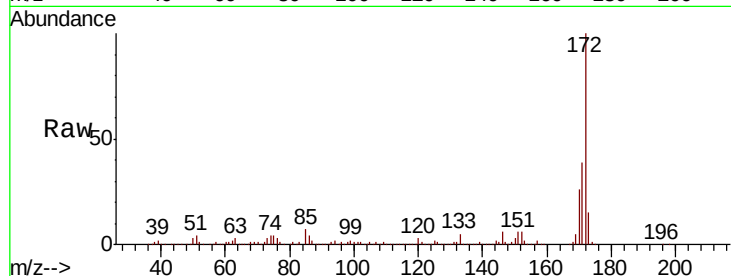




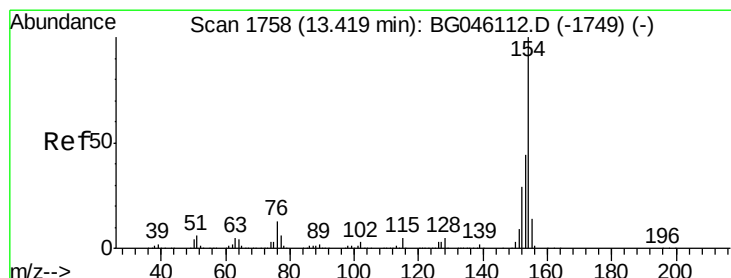
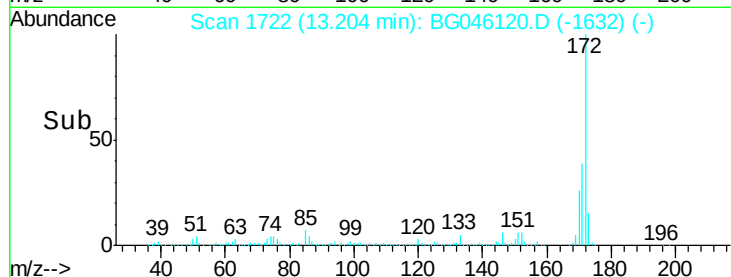
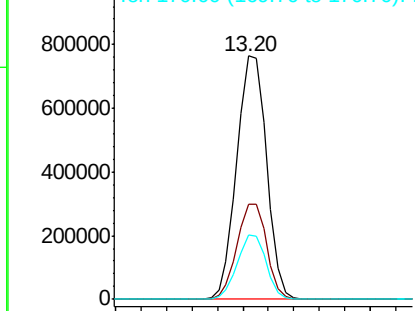
#45  
2-Fluorobiphenyl  
Concen: 74.450 ng  
RT: 13.20 min Scan# 1722  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

Tot Ion:172 Resp: 1246952  
Ion Ratio Lower Upper  
172 100  
171 39.2 31.7 47.5  
170 26.2 20.9 31.3

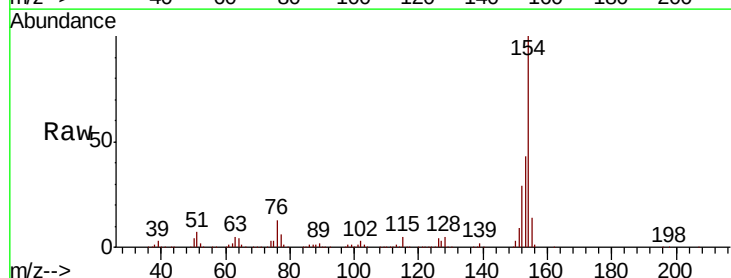


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

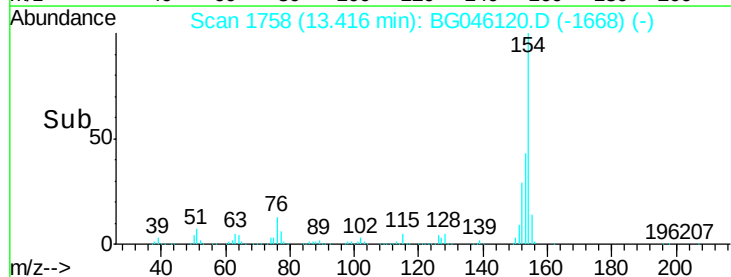
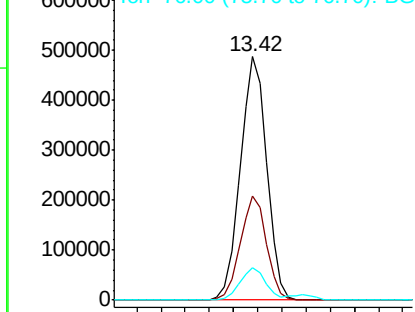


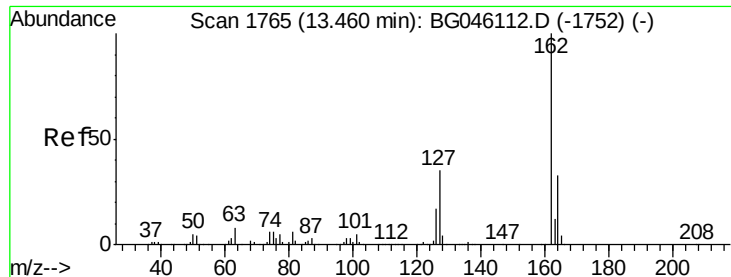
#46  
1,1'-Biphenyl  
Concen: 38.894 ng  
RT: 13.42 min Scan# 1758  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Tgt Ion:154 Resp: 742330  
Ion Ratio Lower Upper  
154 100  
153 43.0 23.7 63.7  
76 13.2 0.0 32.9



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

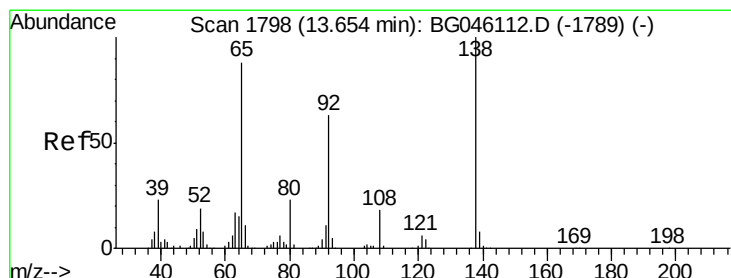
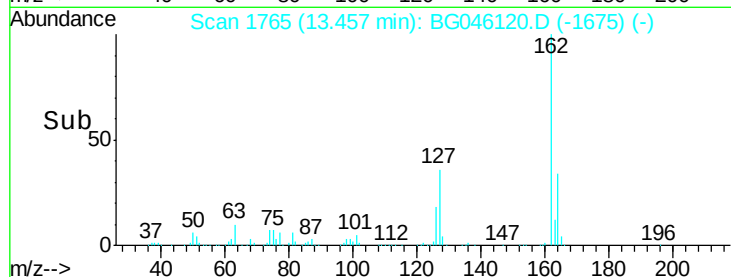
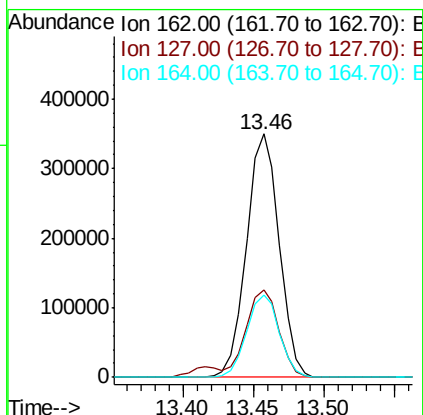
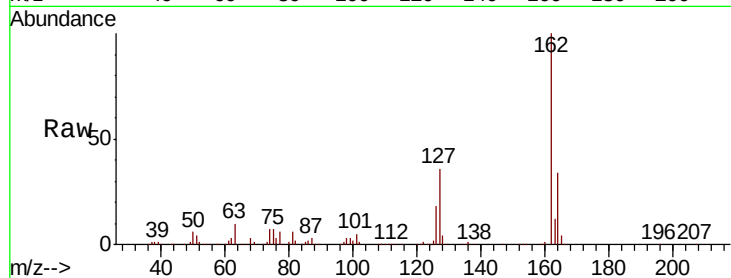




#47  
 2-Chloronaphthalene  
 Concen: 37.272 ng  
 RT: 13.46 min Scan# 1765  
 Delta R.T. -0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

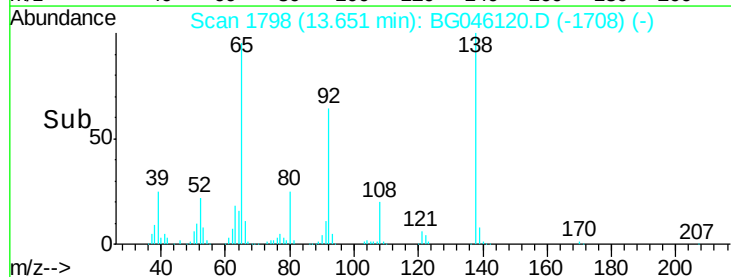
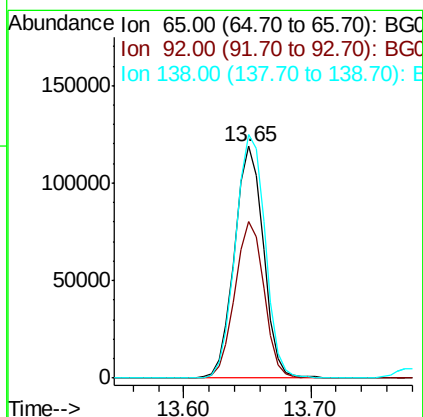
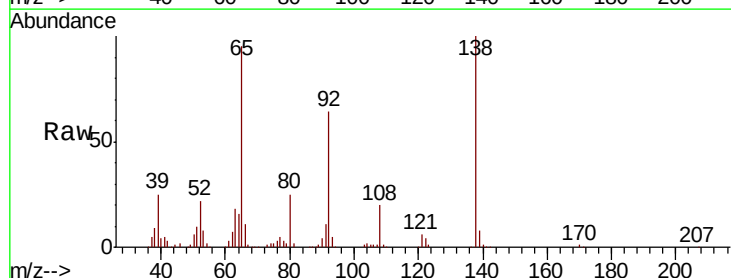
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130544BS

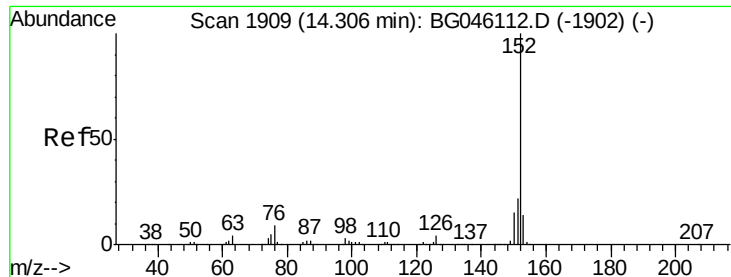
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.2  | 28.0  | 42.0  |
| 164     | 34.0  | 26.5  | 39.7  |



#48  
 2-Nitroaniline  
 Concen: 47.161 ng  
 RT: 13.65 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.4  | 57.4  | 86.2  |
| 138     | 105.0 | 91.1  | 136.7 |





#49

Acenaphthylene

Concen: 40.147 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

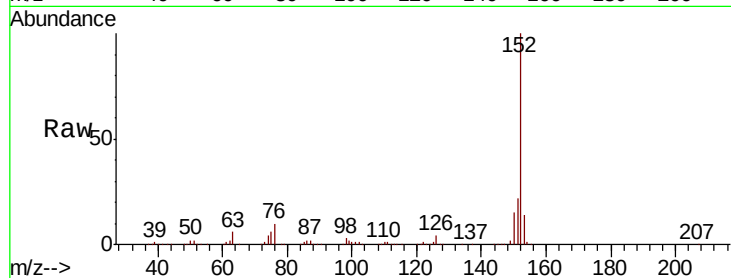
BNA\_G

ClientSampleId :

PB130544BS

Tot Ion:152 Resp: 949107

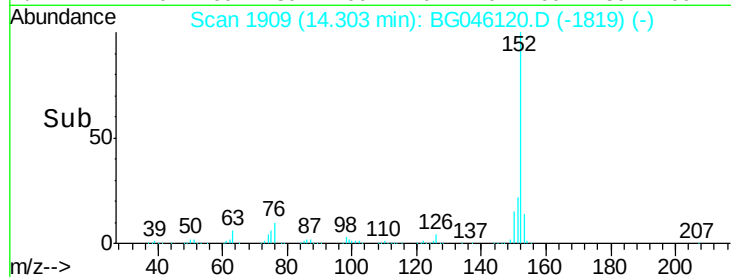
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.6  | 17.4  | 26.2  |
| 153 | 14.5  | 10.9  | 16.3  |



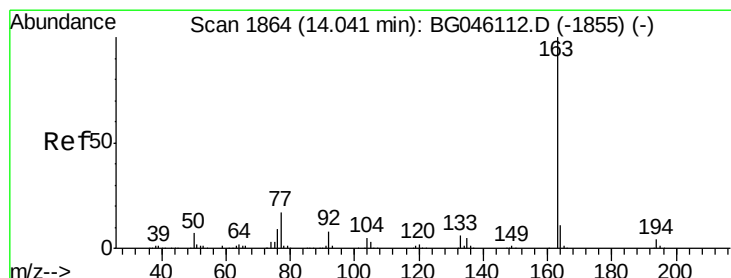
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 14.20 14.30 14.40



#50

Dimethylphthalate

Concen: 41.808 ng

RT: 14.04 min Scan# 1864

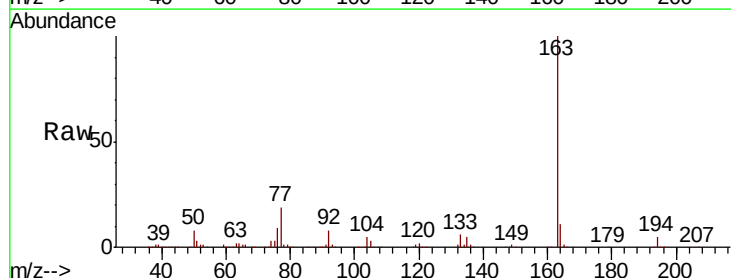
Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:163 Resp: 780709

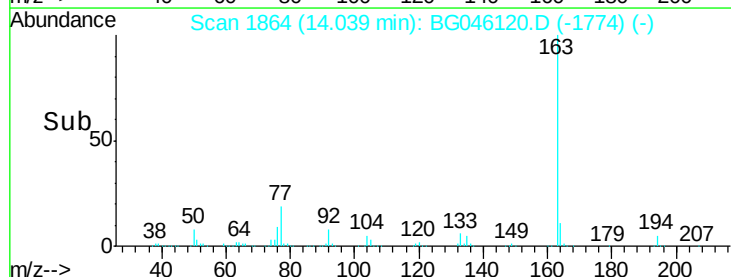
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.7   | 3.5   | 5.3   |
| 164 | 10.6  | 8.8   | 13.2  |



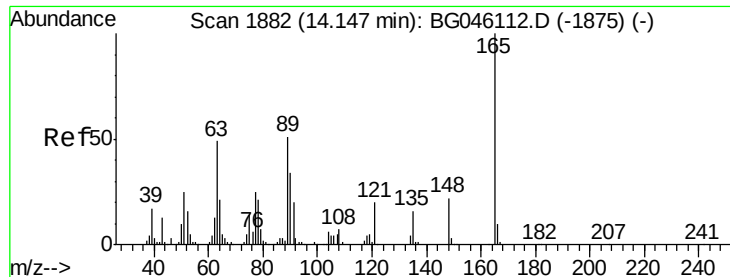
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



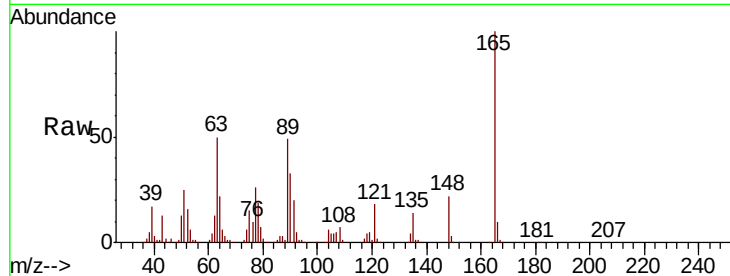
Time--> 14.00 14.10



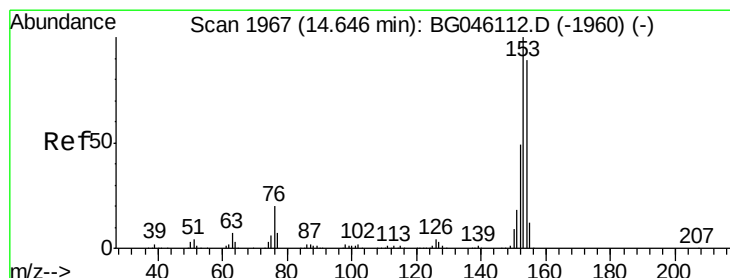
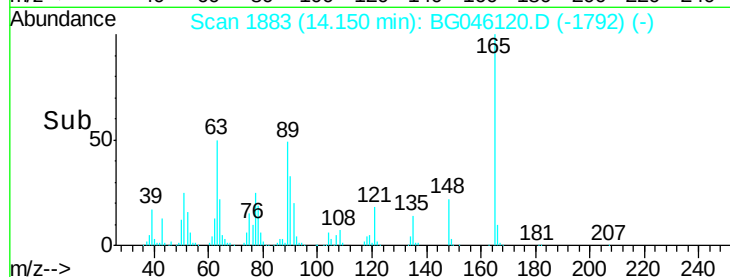
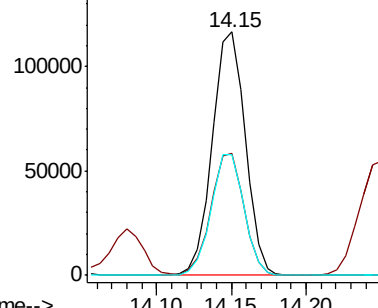
#51  
2,6-Dinitrotoluene  
Concen: 41.110 ng  
RT: 14.15 min Scan# 1883  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

Tot Ion:165 Resp: 178663  
Ion Ratio Lower Upper  
165 100  
63 49.9 39.7 59.5  
89 49.4 41.0 61.6

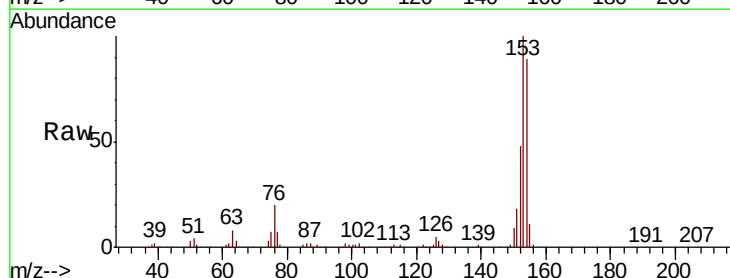


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGO  
Ion 89.00 (88.70 to 89.70): BGO

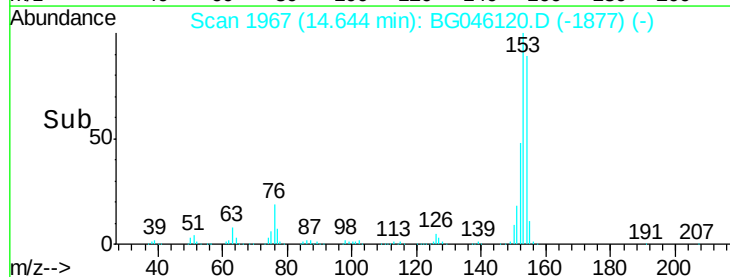
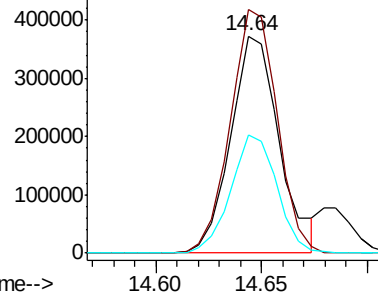


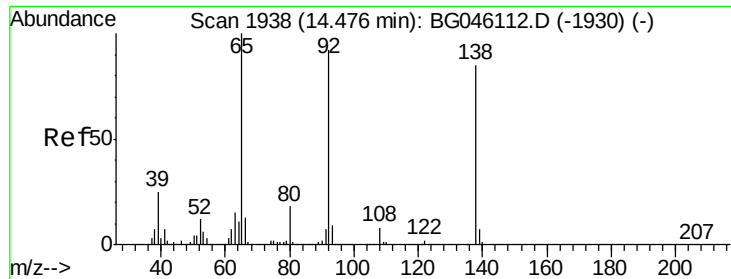
#52  
Acenaphthene  
Concen: 38.169 ng  
RT: 14.64 min Scan# 1967  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Tgt Ion:154 Resp: 595529  
Ion Ratio Lower Upper  
154 100  
153 112.3 89.8 134.8  
152 54.2 44.5 66.7



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 34.125 ng

RT: 14.48 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

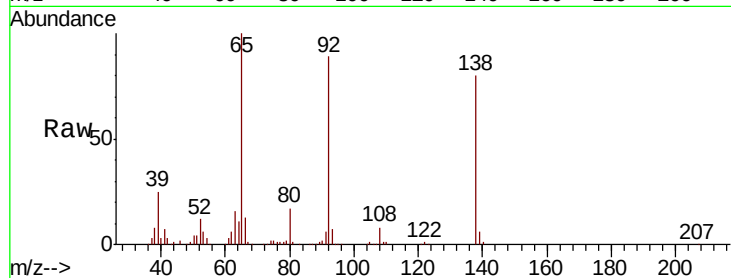
Tot Ion:138 Resp: 147027

Ion Ratio Lower Upper

138 100

108 9.7 7.2 10.8

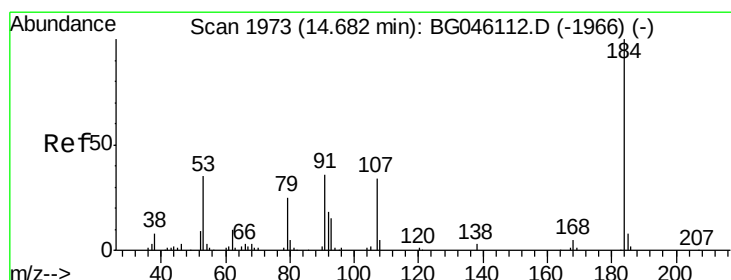
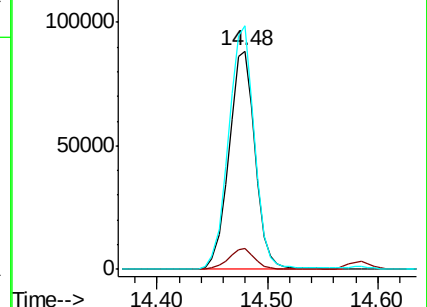
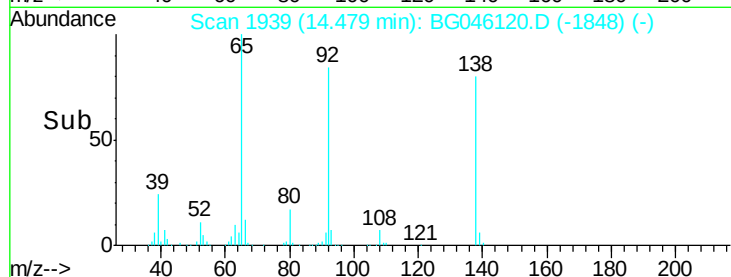
92 111.6 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 78.411 ng

RT: 14.68 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

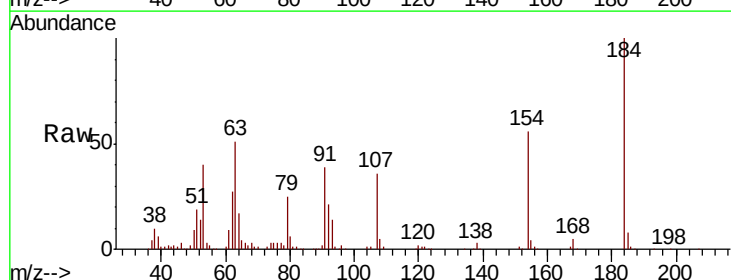
Tgt Ion:184 Resp: 215473

Ion Ratio Lower Upper

184 100

63 51.5 36.7 55.1

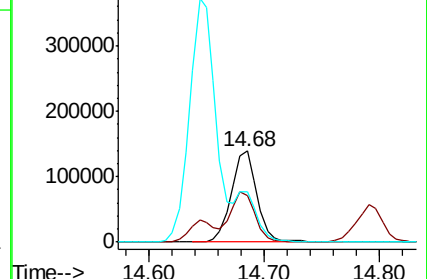
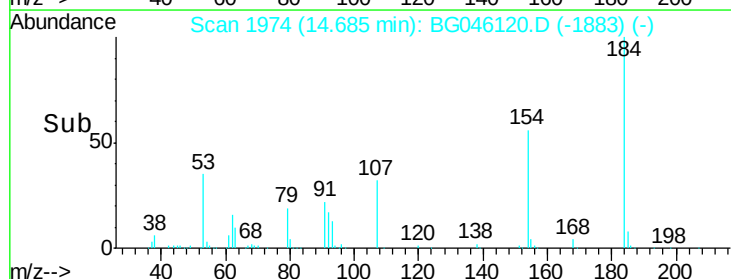
154 55.6 41.3 61.9

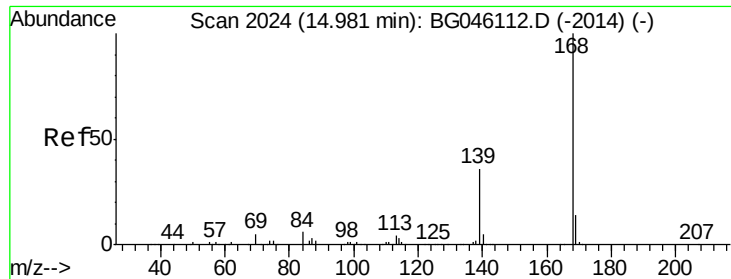


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

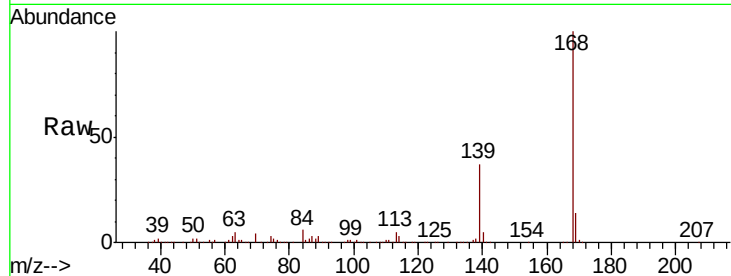




#55  
Dibenzenofuran  
Concen: 38.589 ng  
RT: 14.98 min Scan# 2024  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.0  | 29.0  | 43.4  |
| 169     | 14.4  | 11.3  | 16.9  |

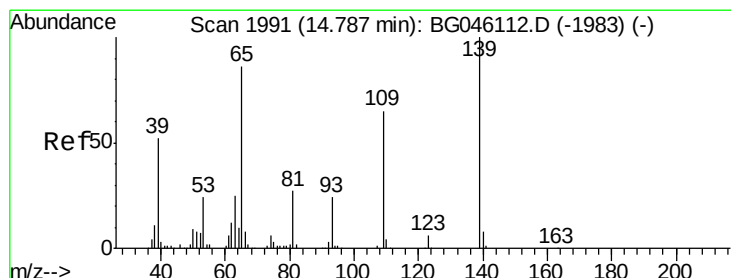
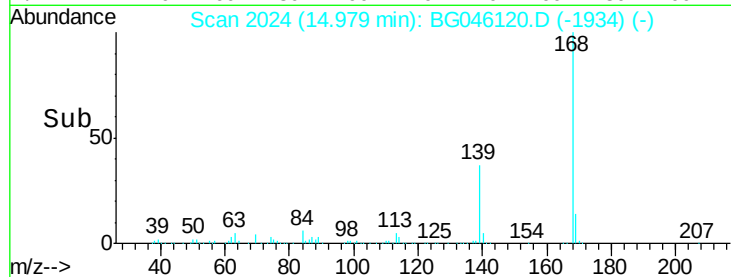
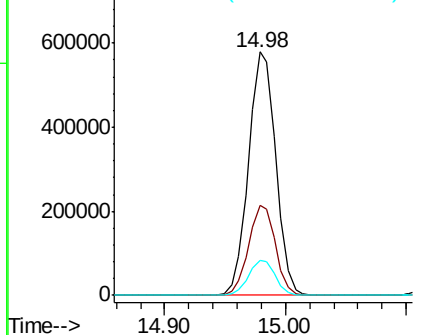


Abundance

Ion 168.00 (167.70 to 168.70): E

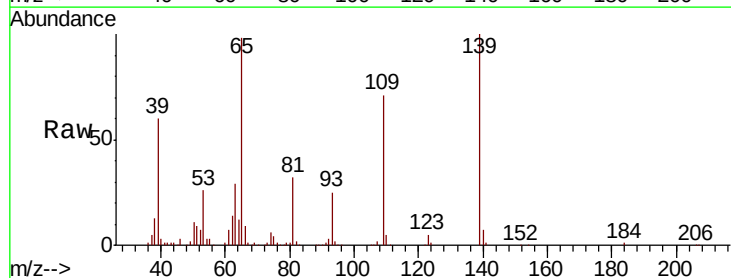
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 89.386 ng  
RT: 14.79 min Scan# 1992  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 70.7  | 45.1  | 85.1  |
| 65      | 97.5  | 66.4  | 106.4 |

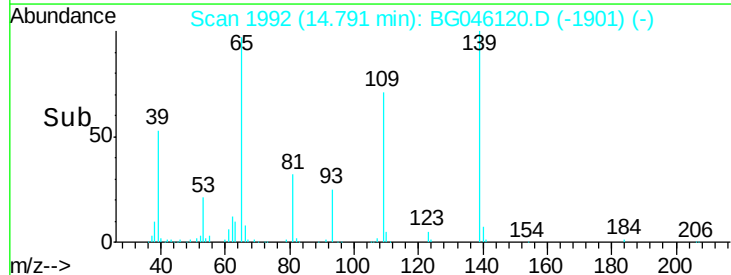
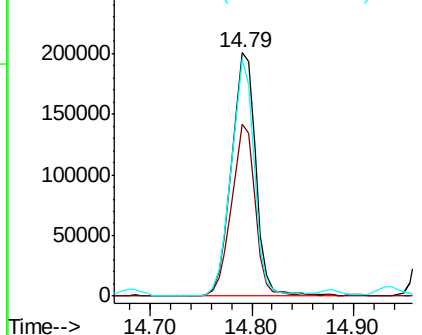


Abundance

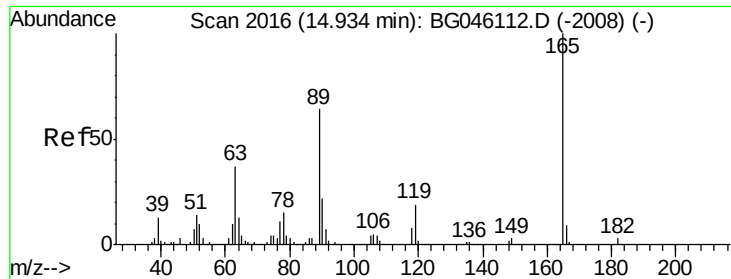
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO



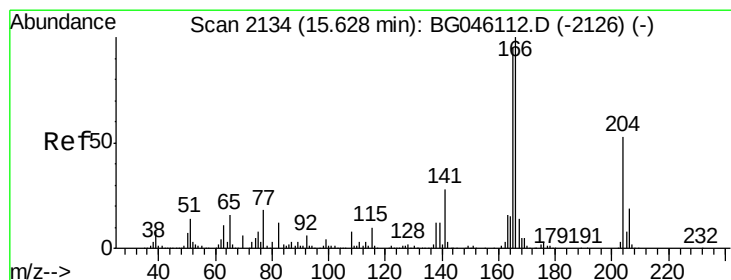
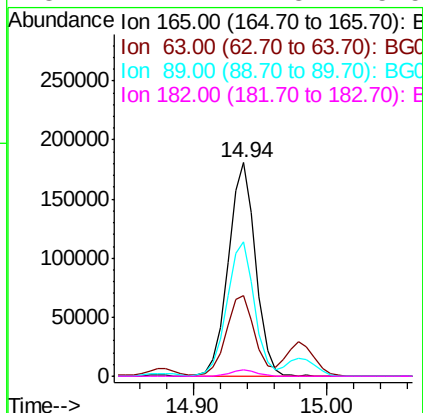
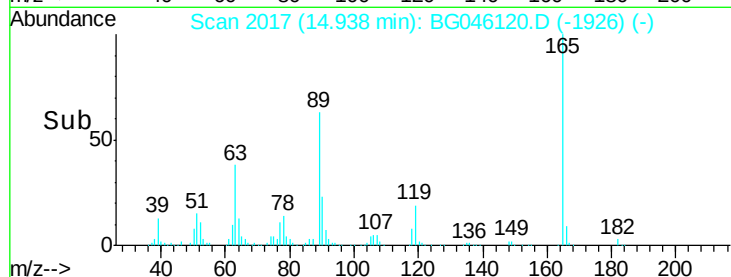
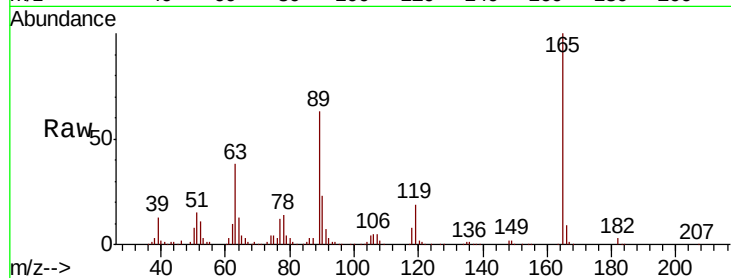




#57  
2,4-Dinitrotoluene  
Concen: 43.179 ng  
RT: 14.94 min Scan# 2017  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

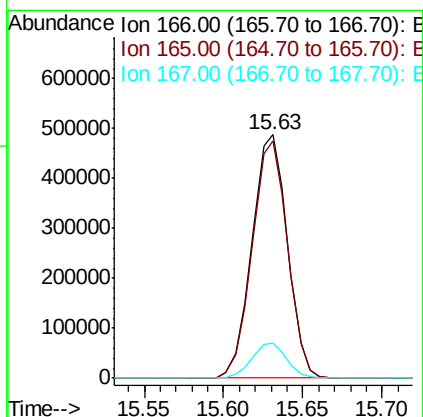
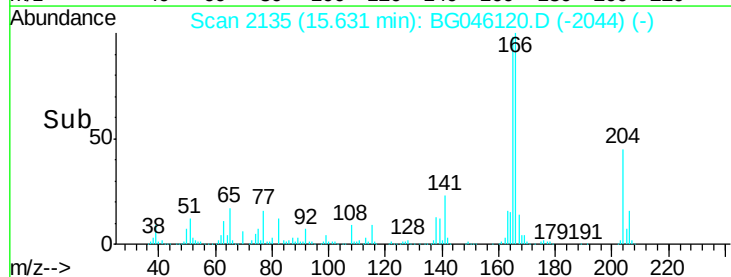
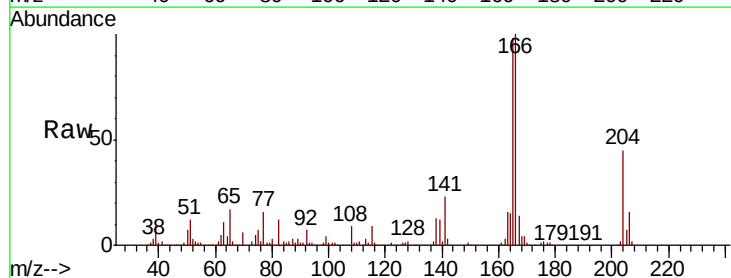
Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

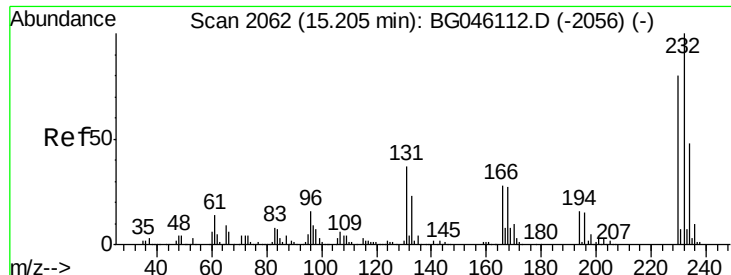
Tot Ion:165 Resp: 258011  
Ion Ratio Lower Upper  
165 100  
63 37.7 30.1 45.1  
89 63.2 51.4 77.2  
182 2.7 2.3 3.5



#58  
Fluorene  
Concen: 39.655 ng  
RT: 15.63 min Scan# 2135  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Tgt Ion:166 Resp: 756055  
Ion Ratio Lower Upper  
166 100  
165 97.6 76.3 114.5  
167 14.4 11.0 16.6

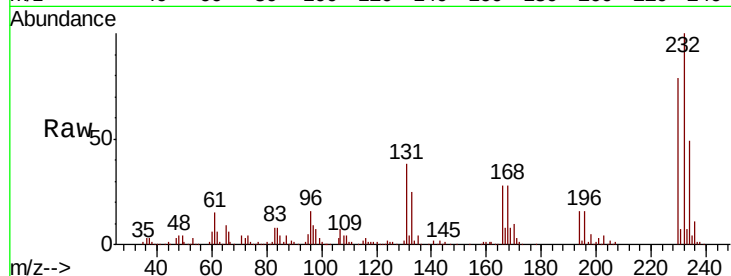




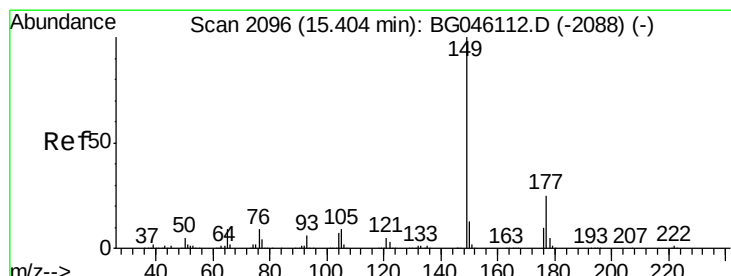
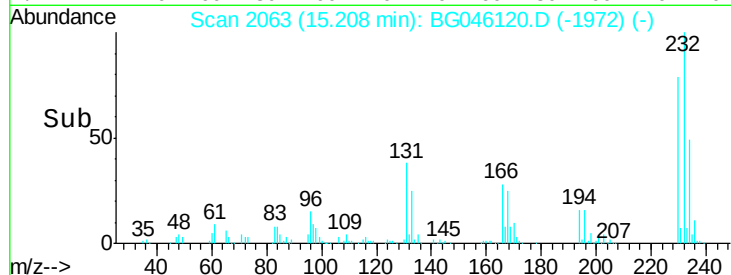
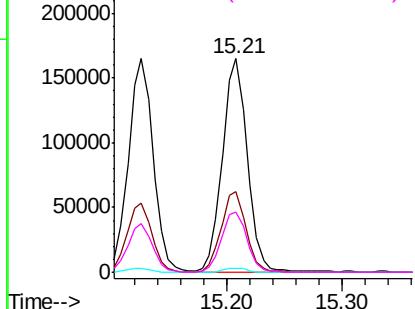
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.964 ng  
RT: 15.21 min Scan# 2063  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 246950    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 37.8  | 28.6 42.8 |
| 130         | 1.9   | 1.6 2.4   |
| 166         | 28.5  | 22.5 33.7 |

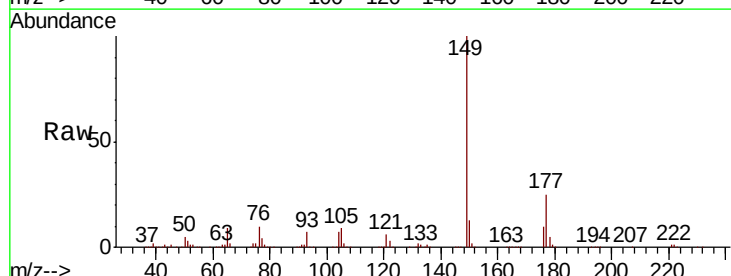


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

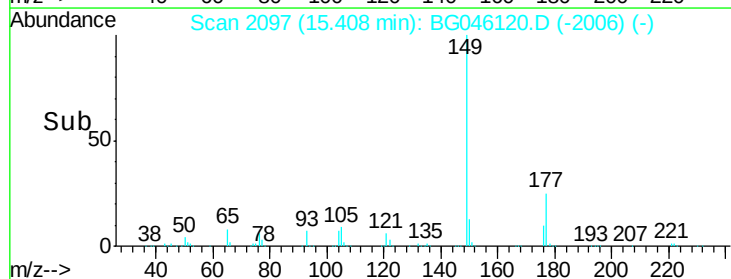
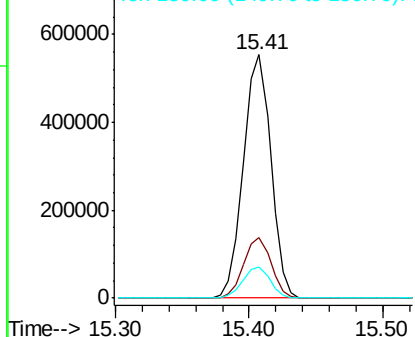


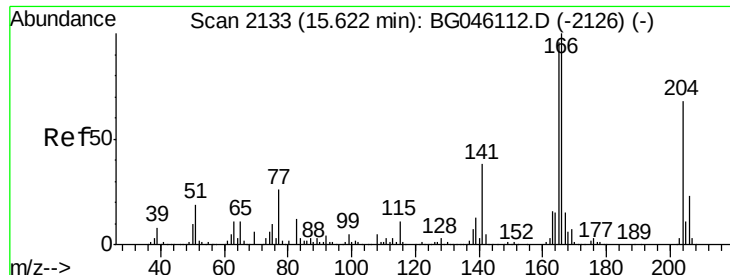
#60  
Diethylphthalate  
Concen: 42.806 ng  
RT: 15.41 min Scan# 2097  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 786330    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 25.0  | 19.7 29.5 |
| 150         | 12.9  | 10.8 16.2 |



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

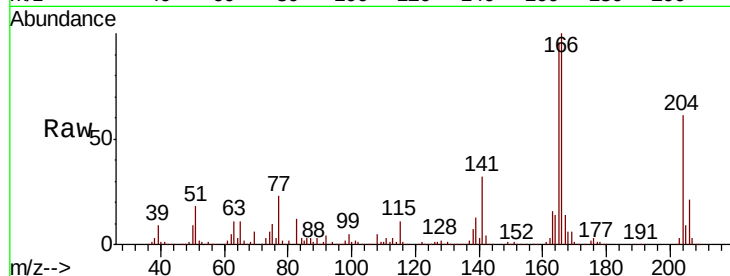




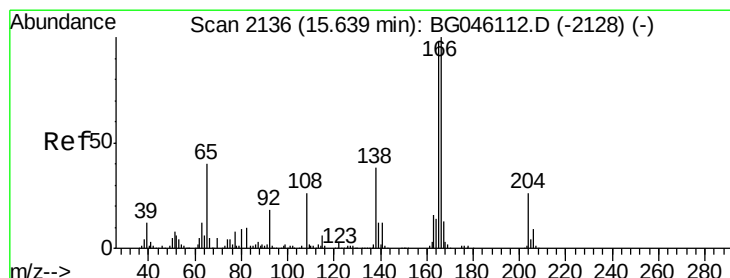
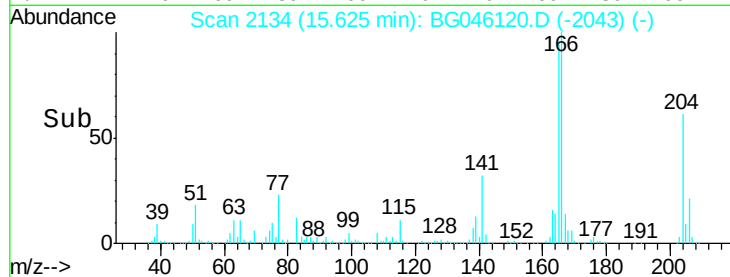
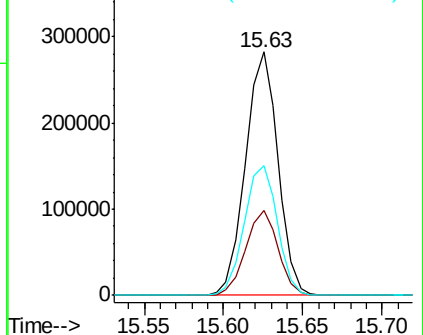
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.214 ng  
 RT: 15.63 min Scan# 2134  
 Delta R.T. 0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130544BS

Tot Ion:204 Resp: 400445  
 Ion Ratio Lower Upper  
 204 100  
 206 34.8 27.7 41.5  
 141 53.4 44.7 67.1

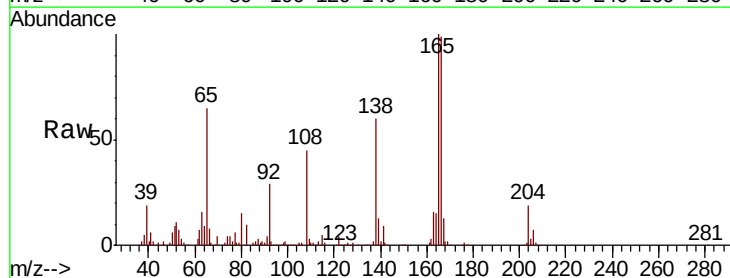


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

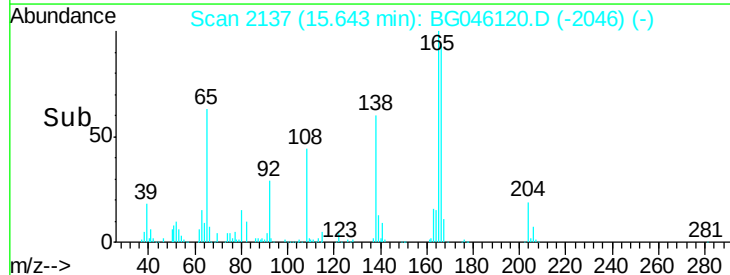
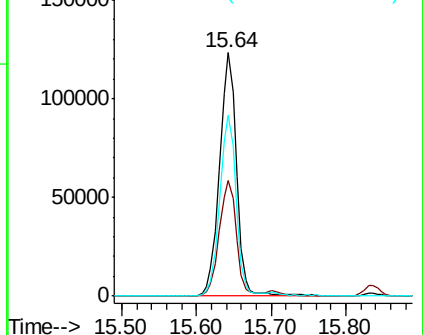


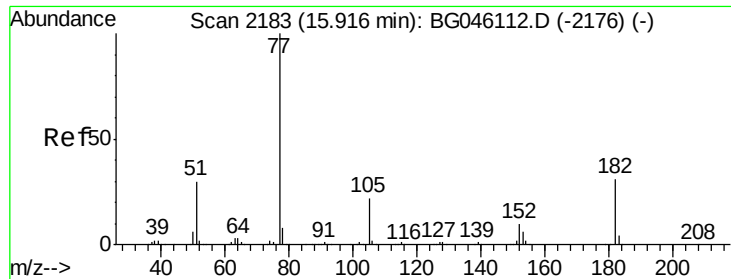
#62  
 4-Nitroaniline  
 Concen: 45.377 ng  
 RT: 15.64 min Scan# 2137  
 Delta R.T. 0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

Tgt Ion:138 Resp: 196629  
 Ion Ratio Lower Upper  
 138 100  
 92 47.7 28.3 68.3  
 108 74.5 49.2 89.2



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

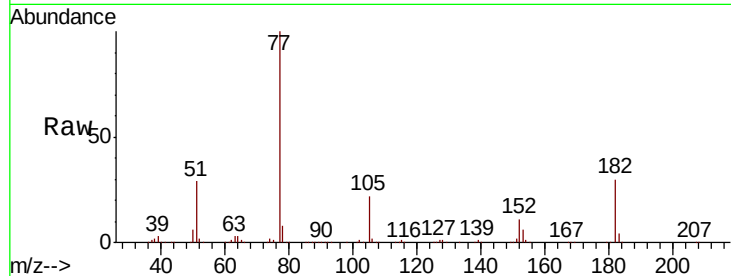




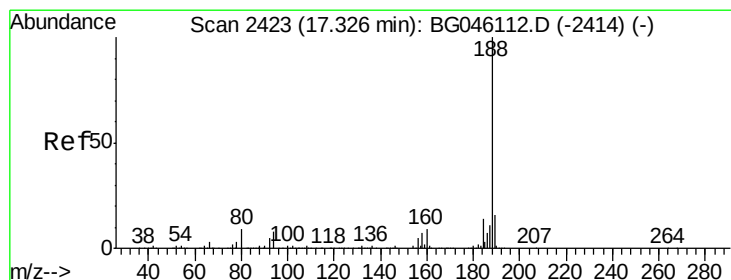
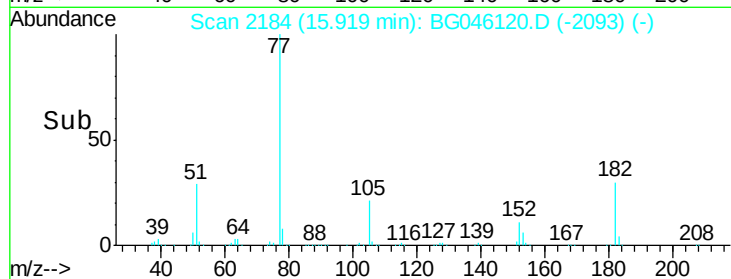
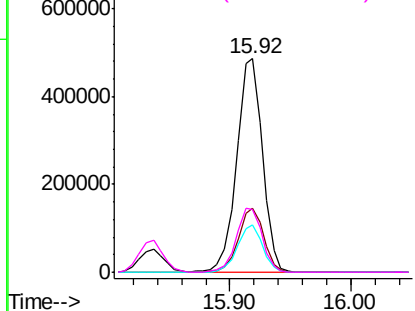
#63  
Azobenzene  
Concen: 42.046 ng  
RT: 15.92 min Scan# 2184  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 723858 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 30.1  | 10.7  | 50.7   |
| 105      | 21.9  | 1.9   | 41.9   |
| 51       | 29.4  | 9.5   | 49.5   |

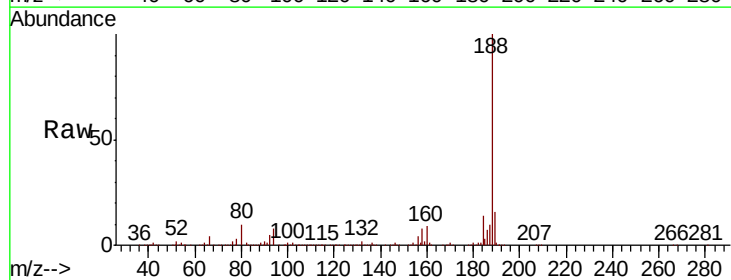


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

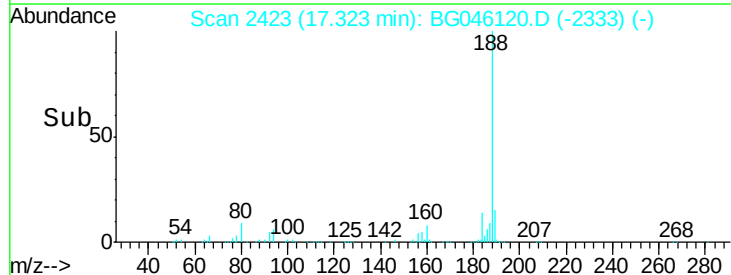
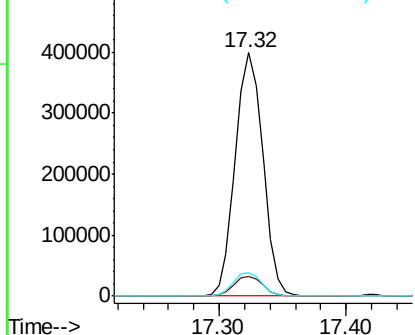


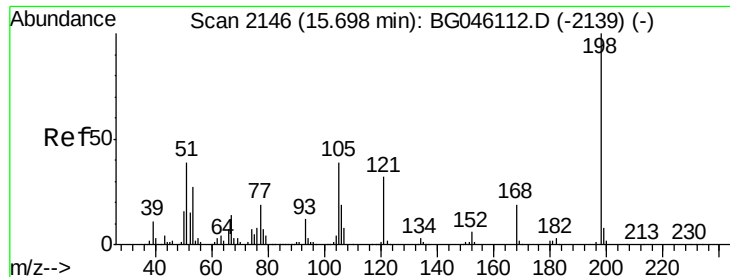
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.32 min Scan# 2423  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 603025 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.1   | 6.4   | 9.6    |
| 80       | 9.5   | 7.4   | 11.0   |



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

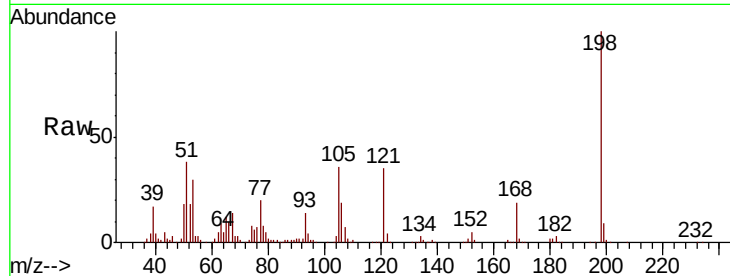




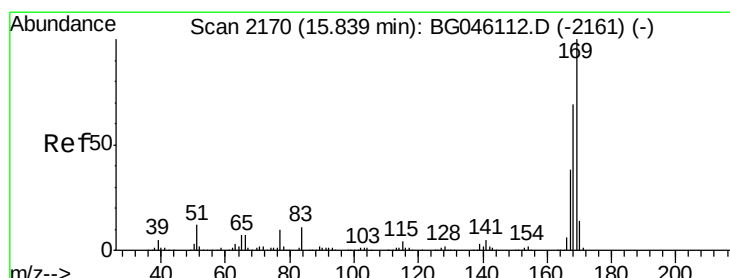
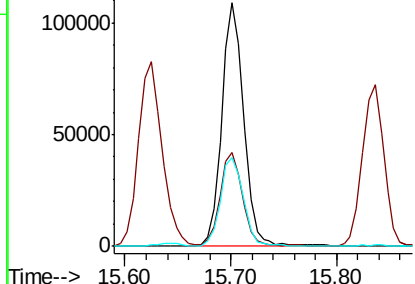
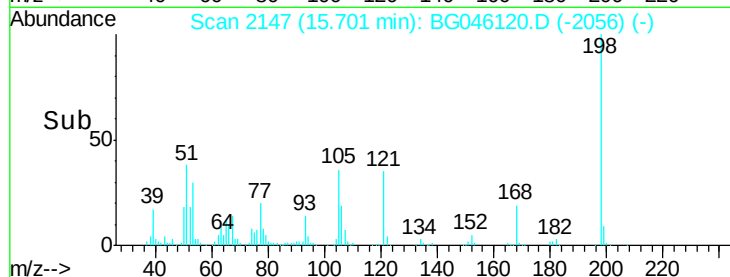
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 39.602 ng  
 RT: 15.70 min Scan# 2147  
 Delta R.T. 0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130544BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 38.4  | 20.1  | 60.1  |
| 105     | 36.4  | 19.2  | 59.2  |

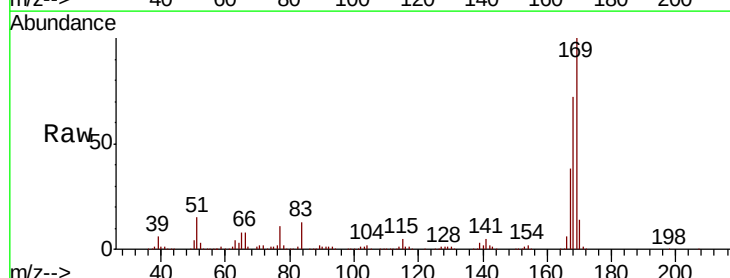


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

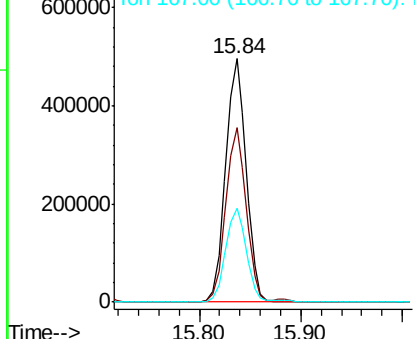
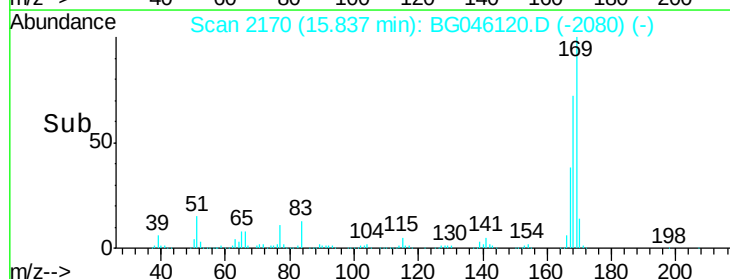


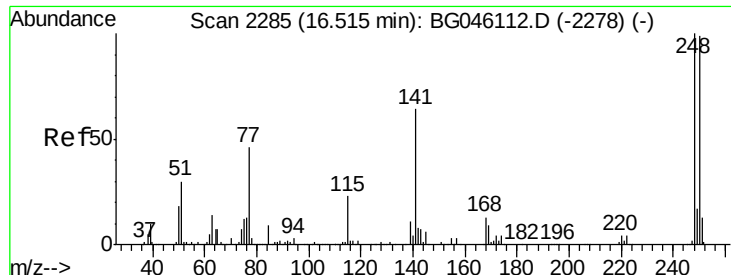
#66  
 n-Nitrosodiphenylamine  
 Concen: 38.231 ng  
 RT: 15.84 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.8  | 55.1  | 82.7  |
| 167     | 38.4  | 30.5  | 45.7  |



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

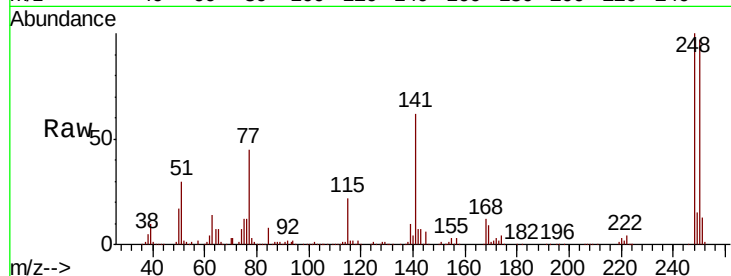




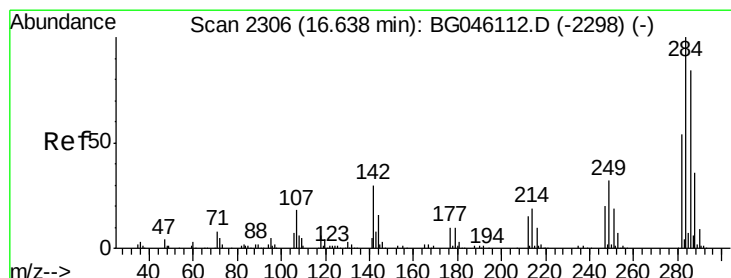
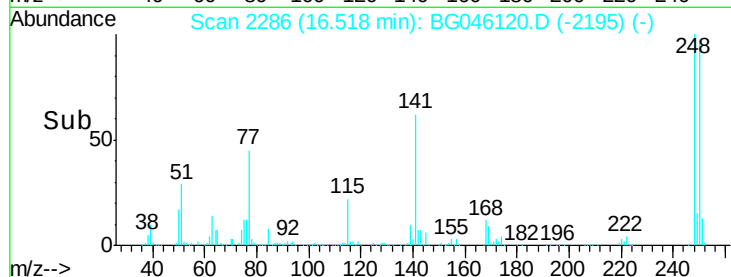
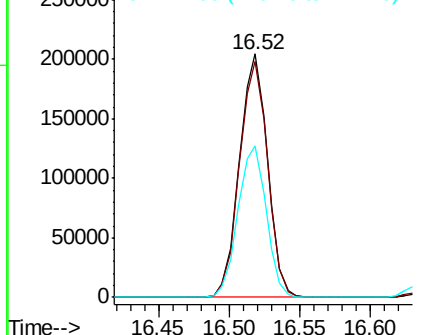
#67  
4-Bromophenyl-phenylether  
Concen: 37.982 ng  
RT: 16.52 min Scan# 2286  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

Tot Ion:248 Resp: 282959  
Ion Ratio Lower Upper  
248 100  
250 97.0 79.4 119.0  
141 62.4 50.9 76.3

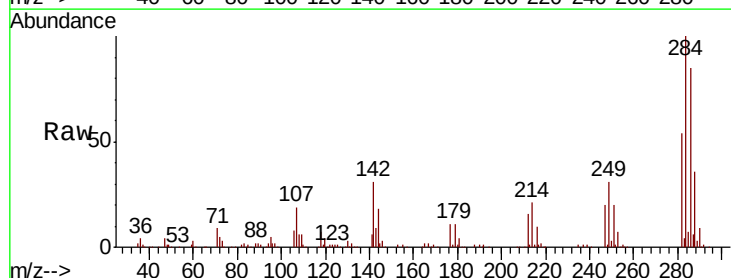


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

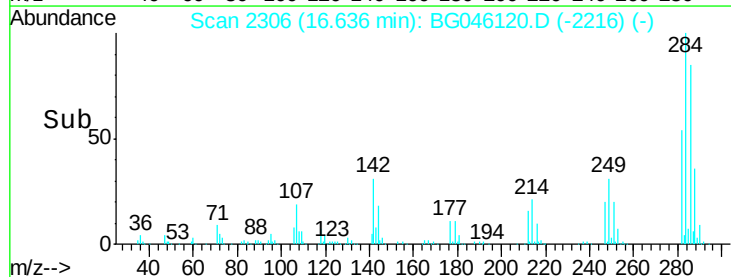
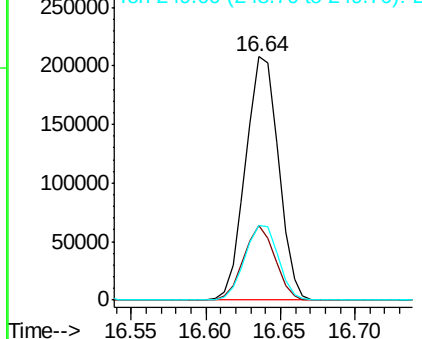


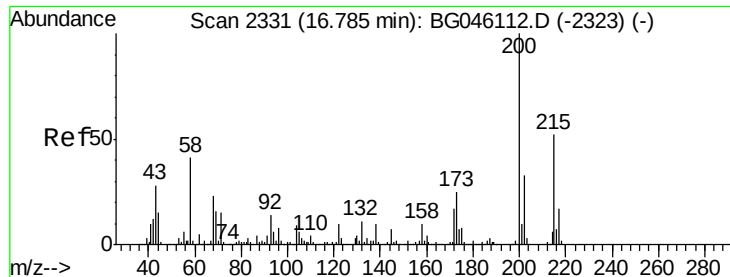
#68  
Hexachlorobenzene  
Concen: 37.998 ng  
RT: 16.64 min Scan# 2306  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Tgt Ion:284 Resp: 317423  
Ion Ratio Lower Upper  
284 100  
142 30.7 23.6 35.4  
249 30.9 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.825 ng

RT: 16.79 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

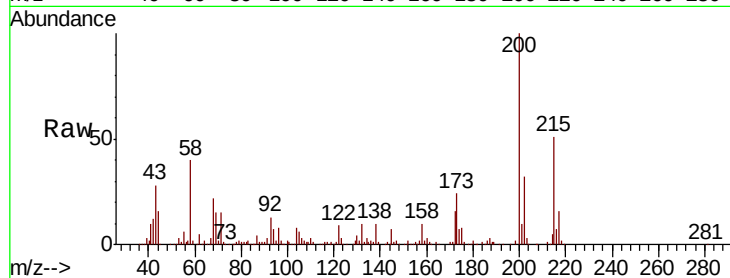
Tot Ion:200 Resp: 265870

Ion Ratio Lower Upper

200 100

173 24.3 5.3 45.3

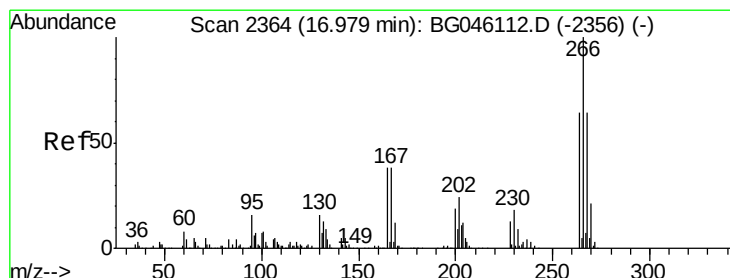
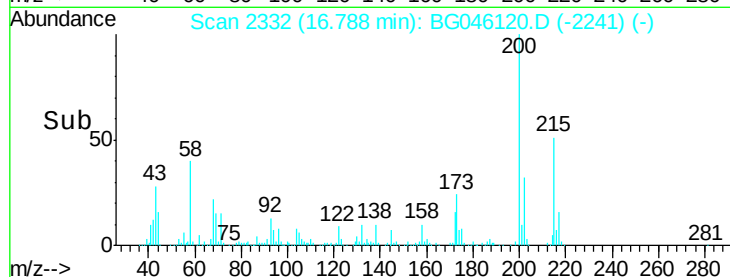
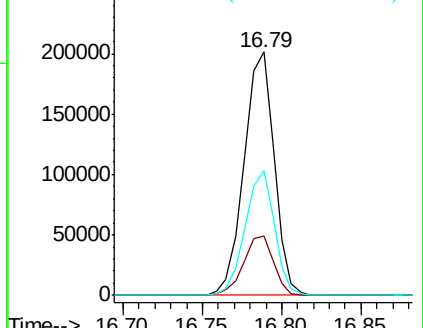
215 51.1 31.5 71.5



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: 81.115 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

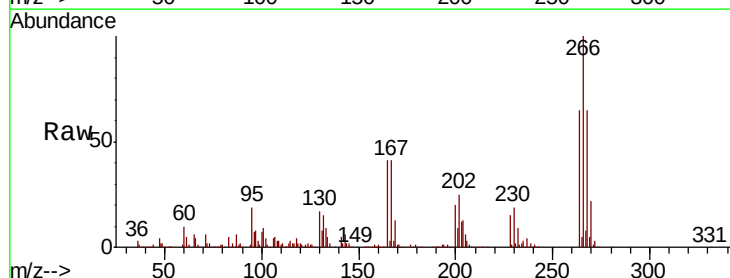
Tgt Ion:266 Resp: 439659

Ion Ratio Lower Upper

266 100

268 65.1 51.2 76.8

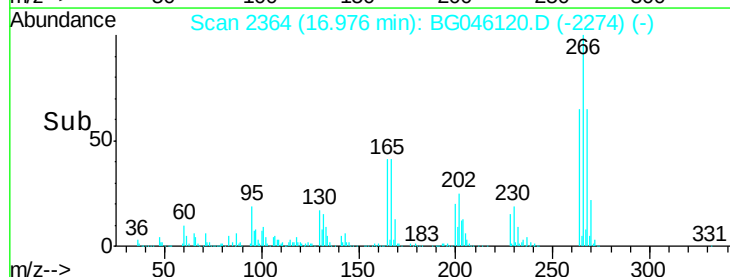
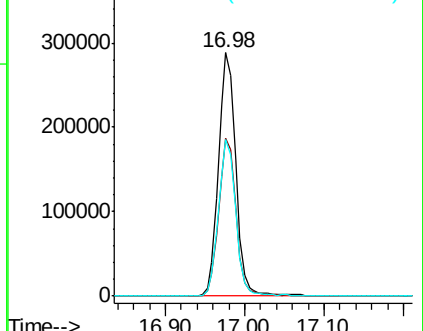
264 64.5 51.1 76.7

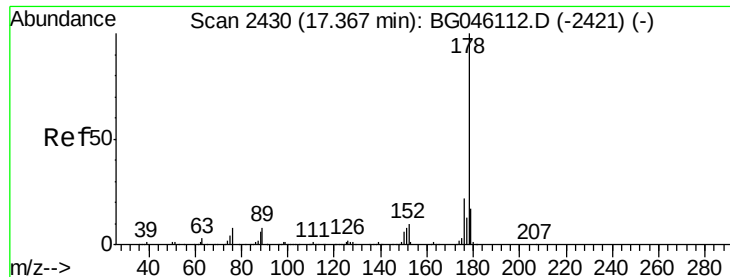


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

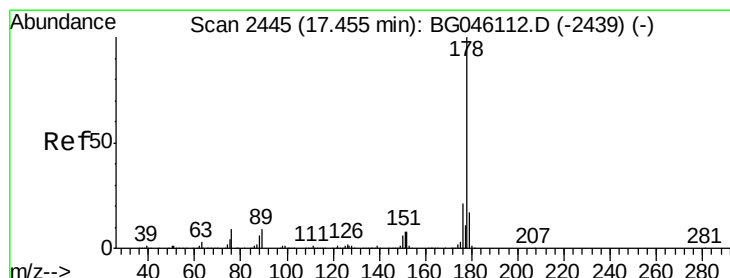
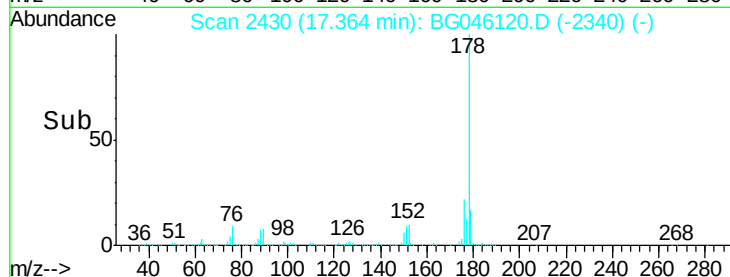
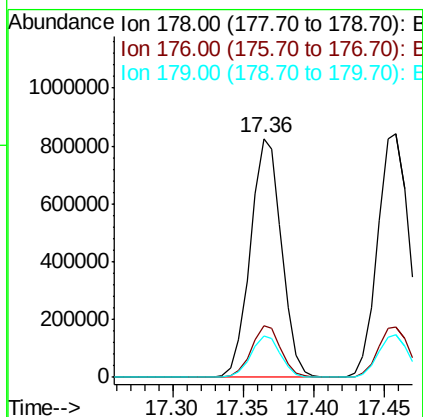
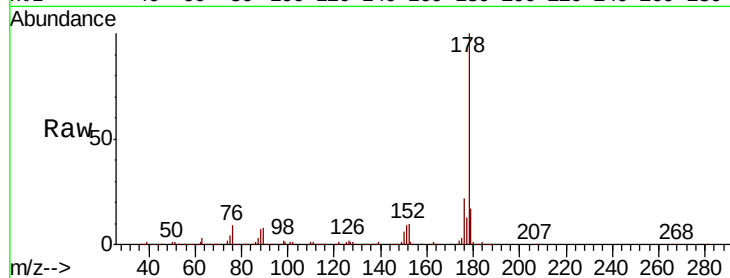




#71  
Phenanthrene  
Concen: 38.670 ng  
RT: 17.36 min Scan# 2430  
Delta R.T. -0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

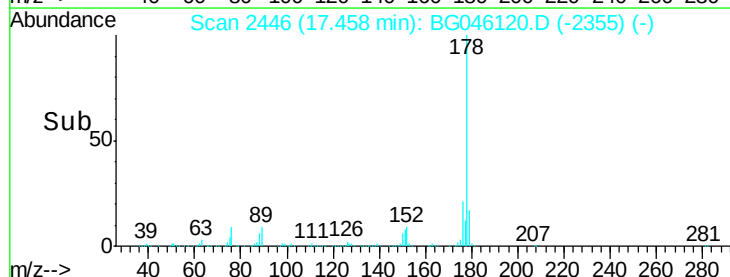
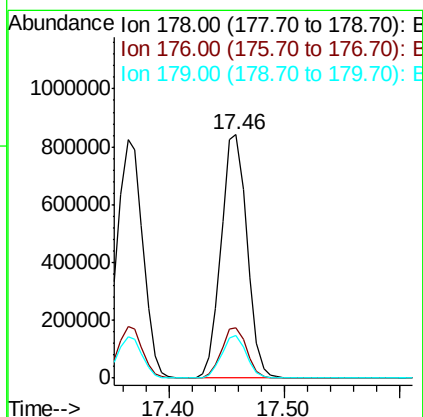
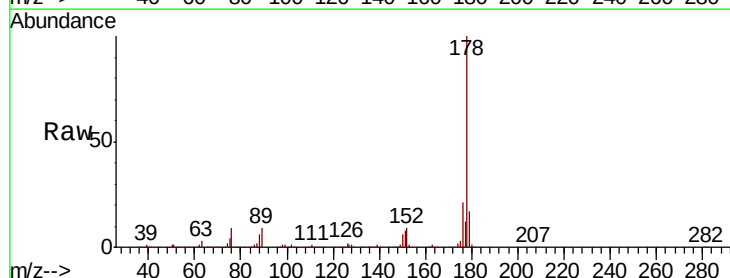
Instrument :  
BNA\_G  
ClientSampleId :  
PB130544BS

Tot Ion:178 Resp: 1277369  
Ion Ratio Lower Upper  
178 100  
176 21.7 17.3 25.9  
179 17.3 13.8 20.6

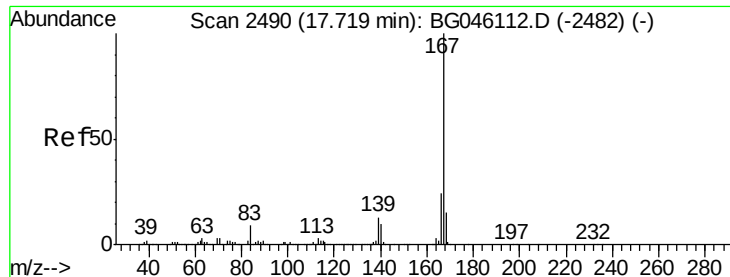


#72  
Anthracene  
Concen: 39.821 ng  
RT: 17.46 min Scan# 2446  
Delta R.T. 0.00 min  
Lab File: BG046120.D  
Acq: 31 Jul 2020 11:20

Tgt Ion:178 Resp: 1308392  
Ion Ratio Lower Upper  
178 100  
176 20.8 16.6 24.8  
179 17.5 13.4 20.2



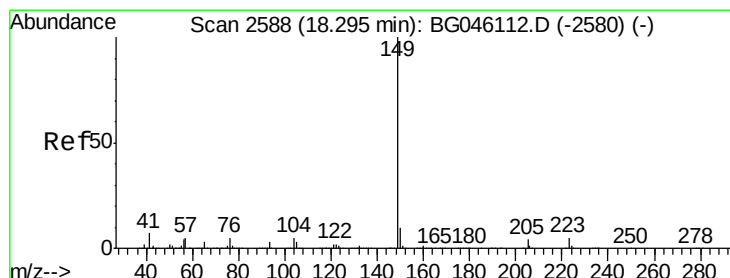
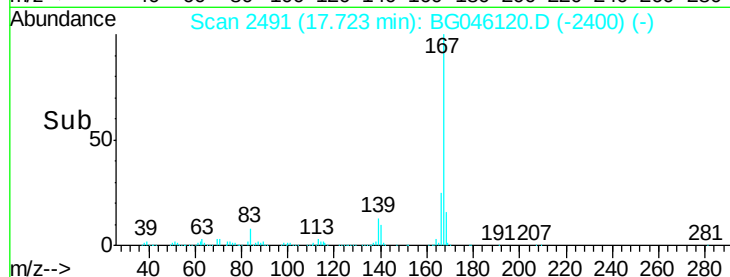
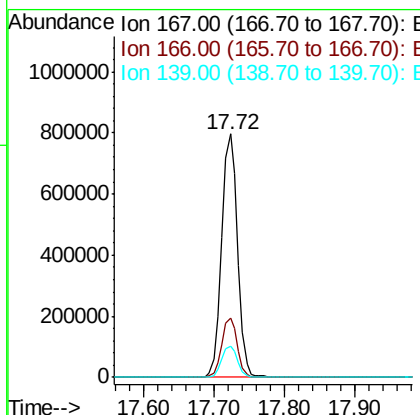
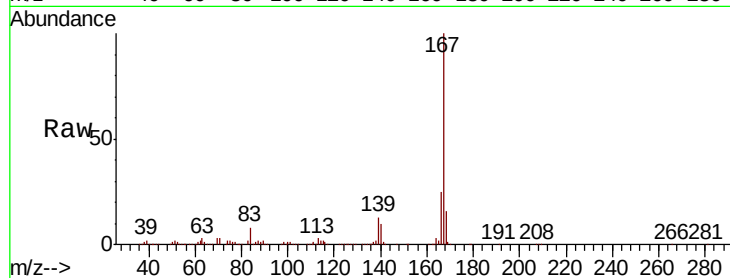




#73  
 Carbazole  
 Concen: 39.303 ng  
 RT: 17.72 min Scan# 2491  
 Delta R.T. 0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

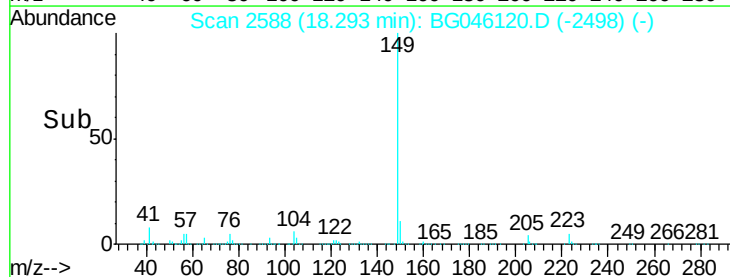
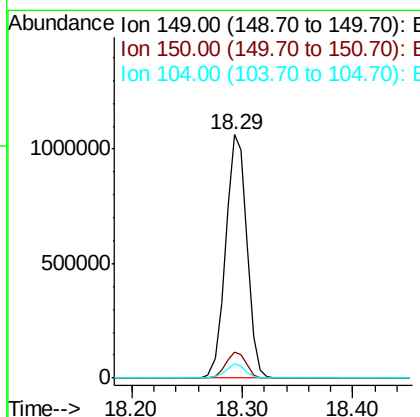
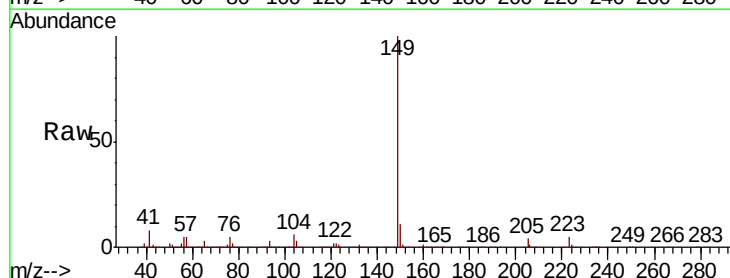
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130544BS

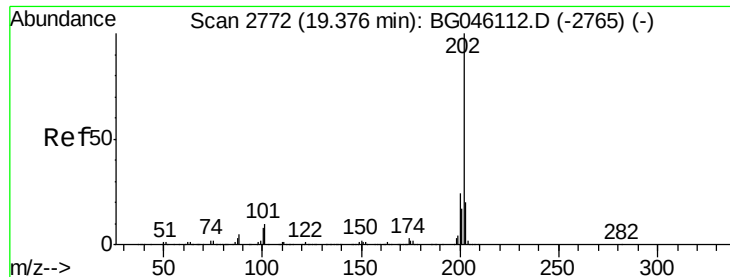
Tot Ion:167 Resp: 1245213  
 Ion Ratio Lower Upper  
 167 100  
 166 24.6 19.4 29.0  
 139 13.0 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 43.014 ng  
 RT: 18.29 min Scan# 2588  
 Delta R.T. -0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

Tgt Ion:149 Resp: 1424519  
 Ion Ratio Lower Upper  
 149 100  
 150 10.8 8.4 12.6  
 104 5.8 4.2 6.2





#75

Fluoranthene

Concen: 40.225 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

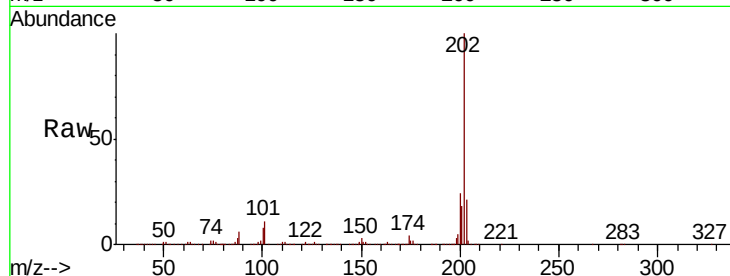
Tot Ion:202 Resp: 1658853

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.0

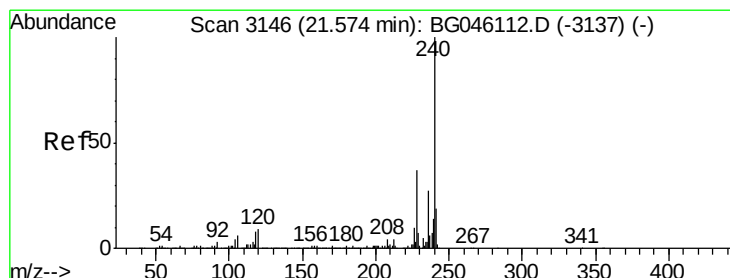
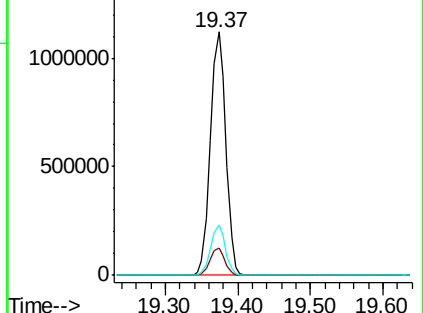
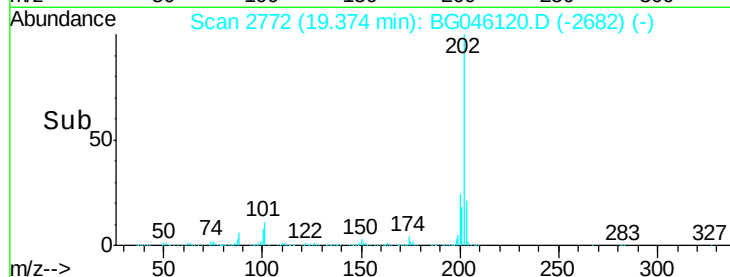
203 20.6 0.2 40.2



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: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

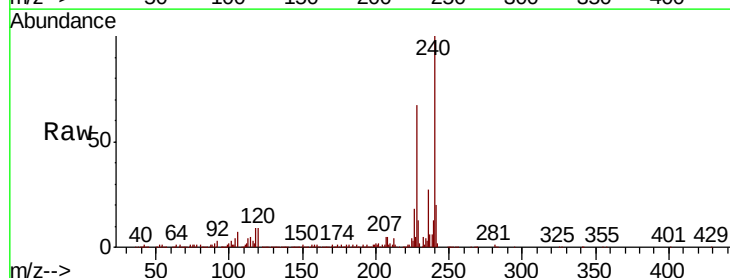
Tgt Ion:240 Resp: 627606

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

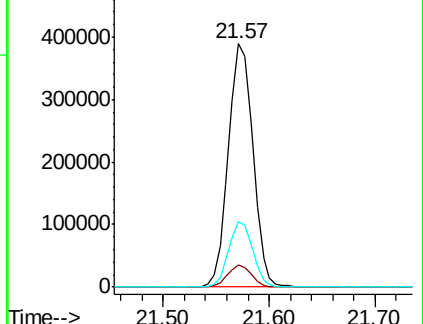
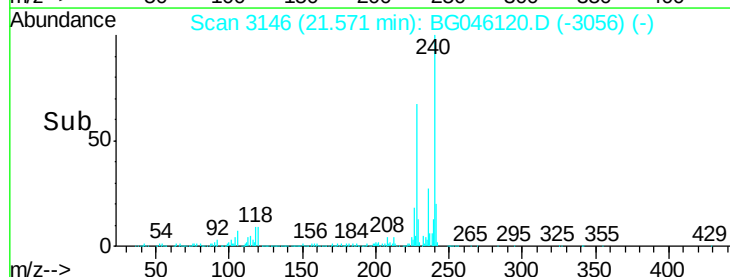
236 27.2 21.7 32.5

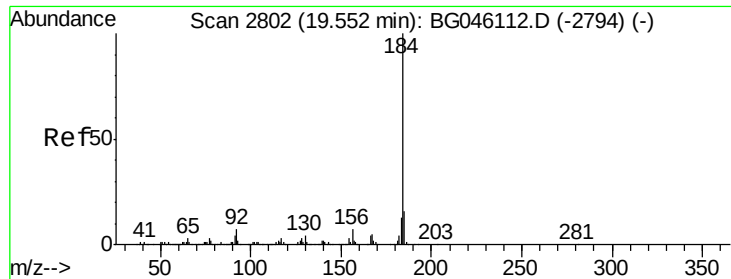


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.607 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

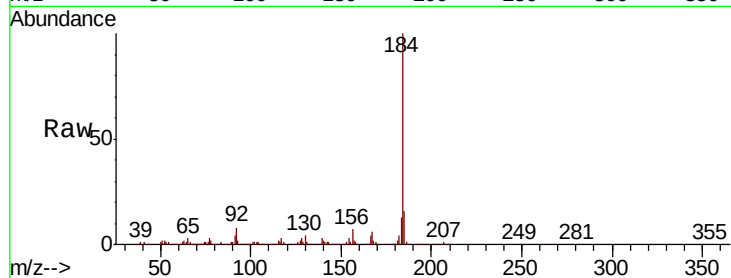
BNA\_G

ClientSampleId :

PB130544BS

Tot Ion:184 Resp: 864100

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.4  | 13.0  | 19.4  |
| 183 | 13.5  | 10.5  | 15.7  |

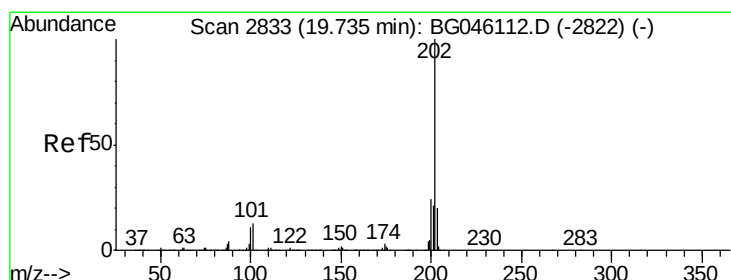
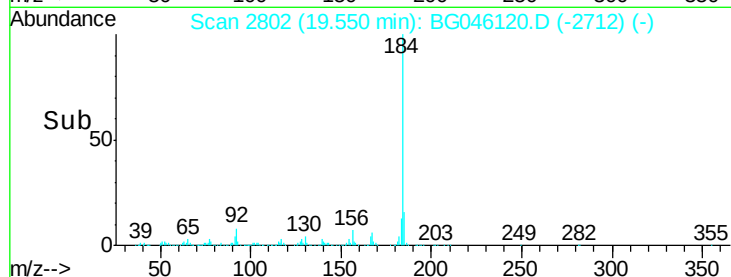
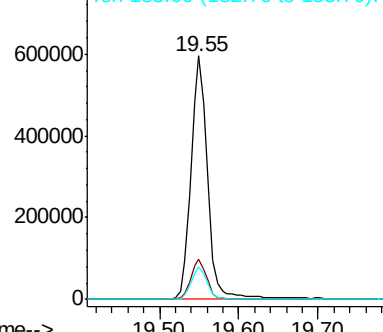


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.938 ng

RT: 19.73 min Scan# 2833

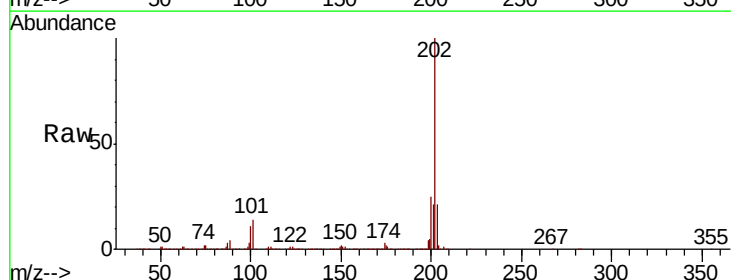
Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:202 Resp: 1641976

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 24.7  | 19.5  | 29.3  |
| 203 | 20.9  | 16.2  | 24.2  |

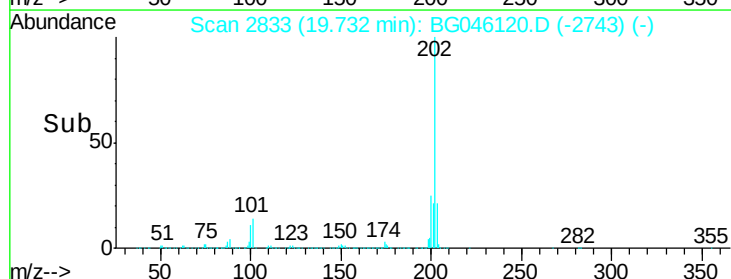
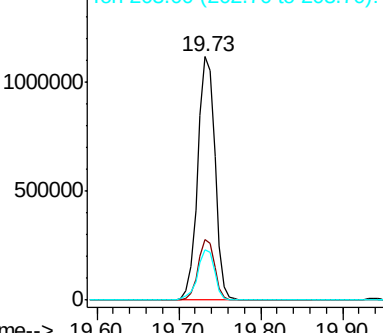


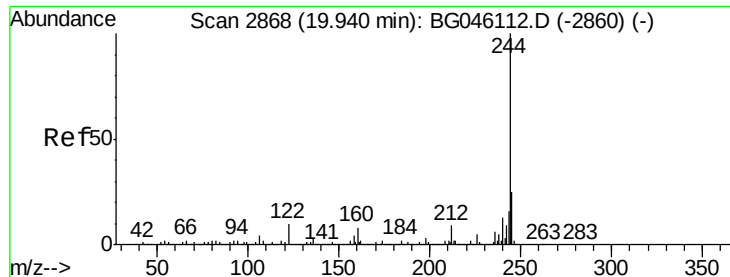
Abundance

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: 68.787 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

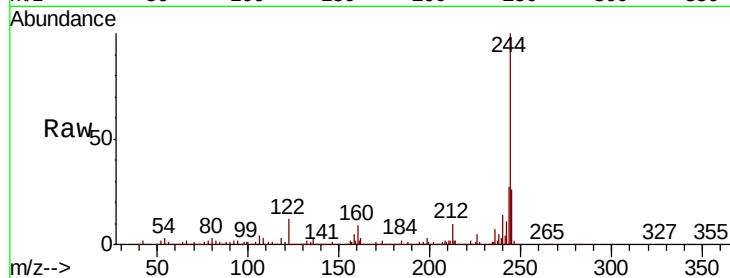
Tot Ion:244 Resp: 2119746

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

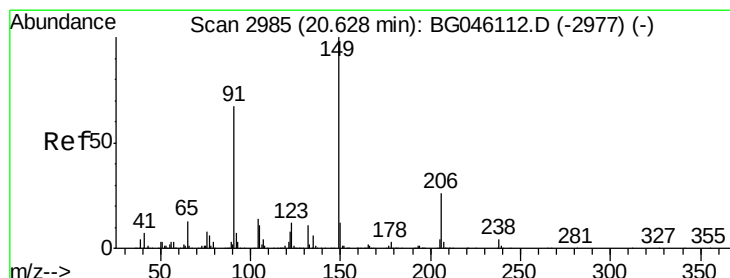
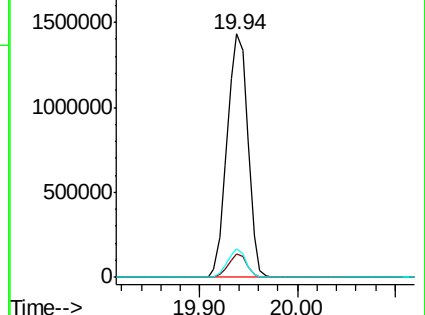
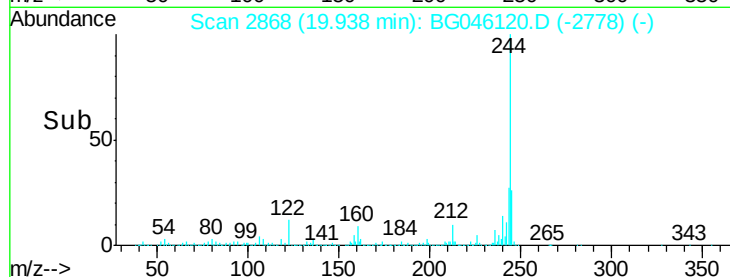
122 11.6 8.3 12.5



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: 43.999 ng

RT: 20.63 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

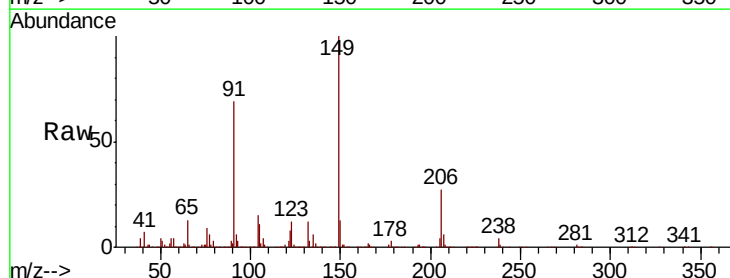
Tgt Ion:149 Resp: 672114

Ion Ratio Lower Upper

149 100

91 68.6 53.8 80.8

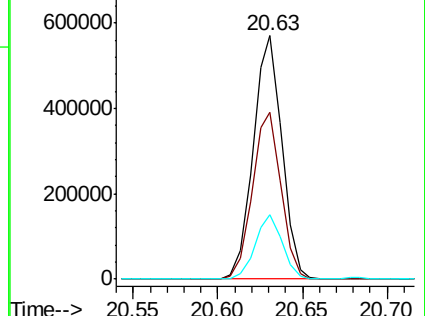
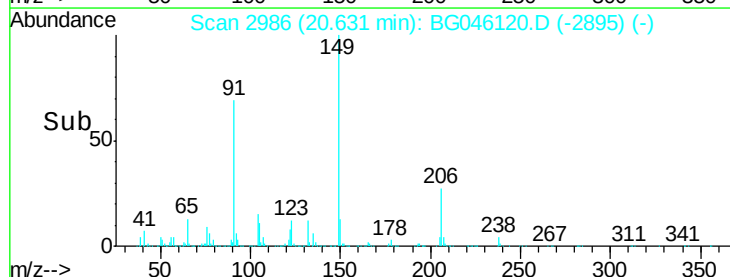
206 26.5 20.4 30.6

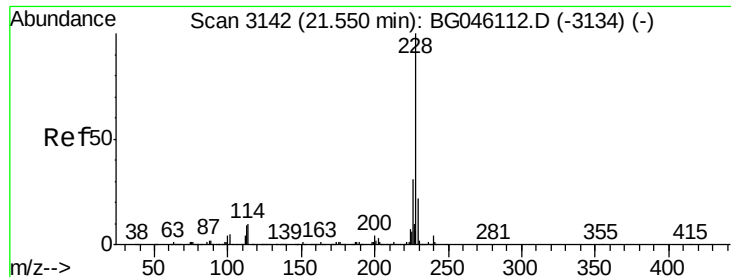


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.154 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

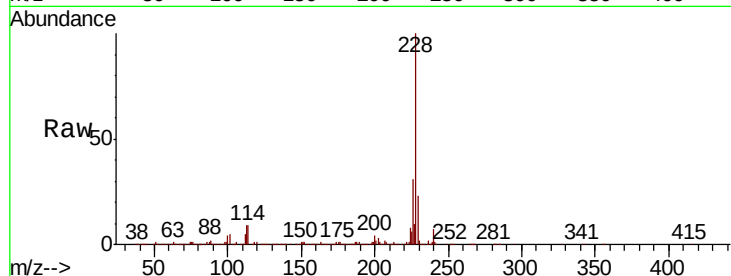
Tot Ion:228 Resp: 1644485

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

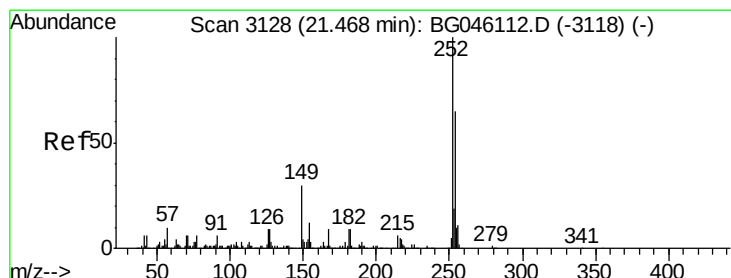
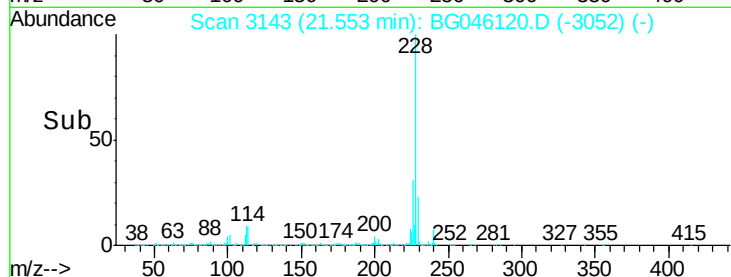
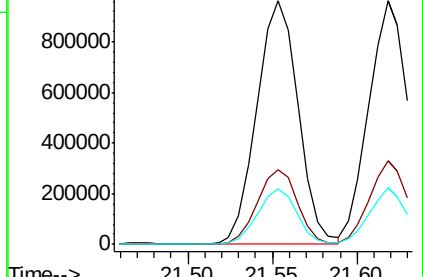
229 22.9 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.351 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

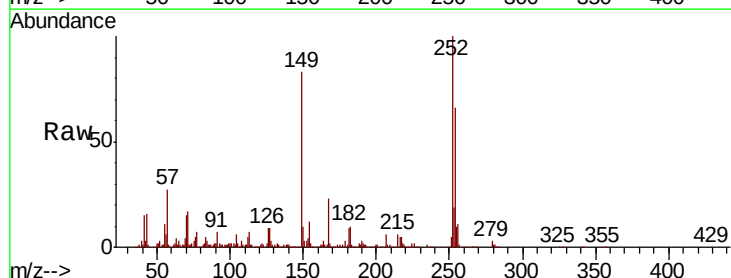
Tgt Ion:252 Resp: 494459

Ion Ratio Lower Upper

252 100

254 66.2 51.8 77.8

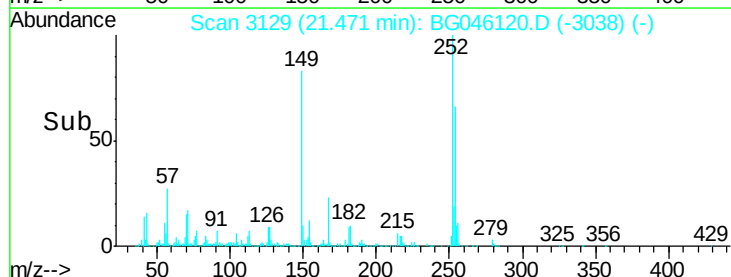
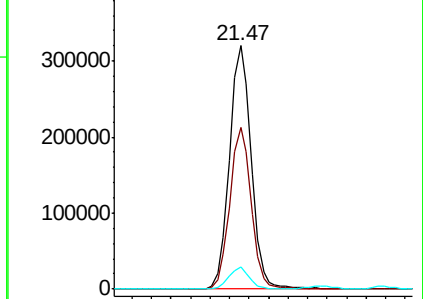
126 9.0 7.1 10.7

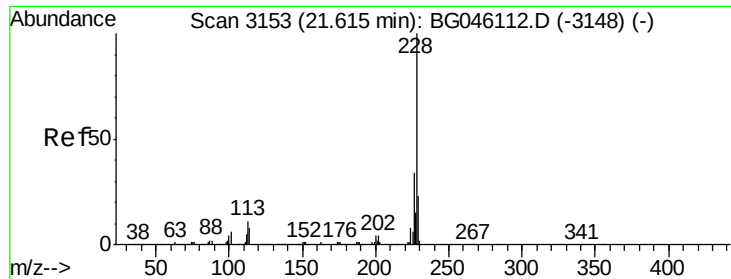


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.034 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

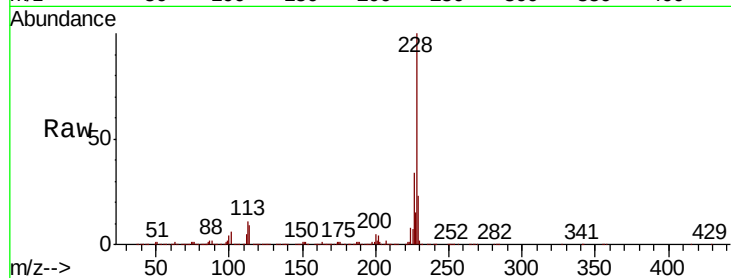
Tot Ion:228 Resp: 1564854

Ion Ratio Lower Upper

228 100

226 34.5 26.9 40.3

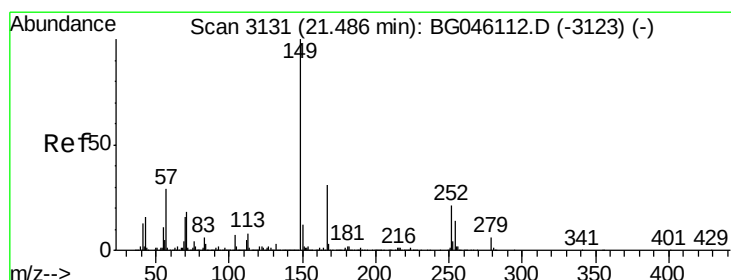
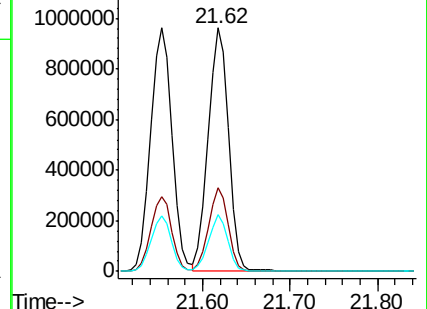
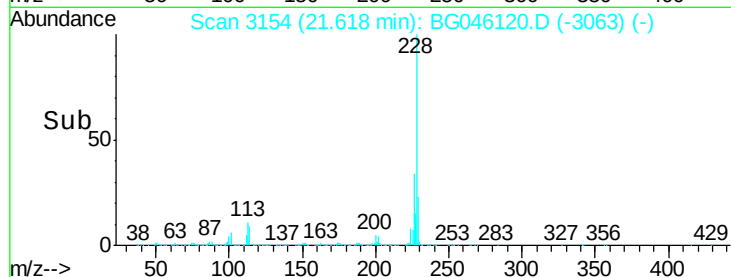
229 23.2 18.2 27.4



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: 42.799 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

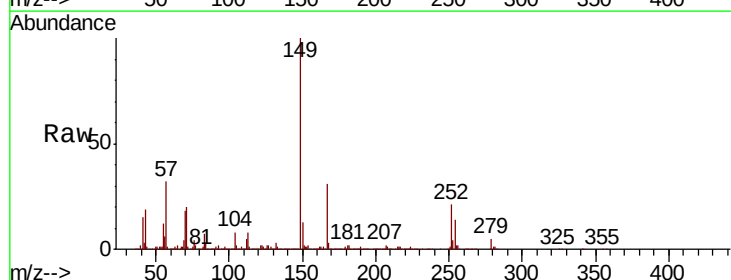
Tgt Ion:149 Resp: 934682

Ion Ratio Lower Upper

149 100

167 30.8 24.8 37.2

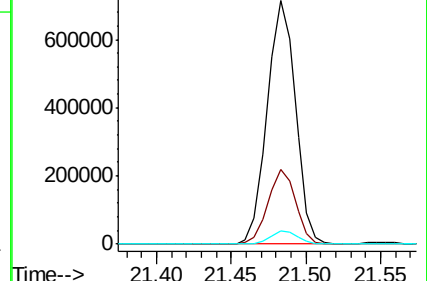
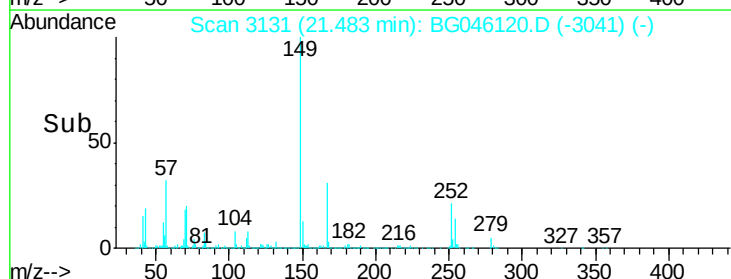
279 5.4 4.6 6.8

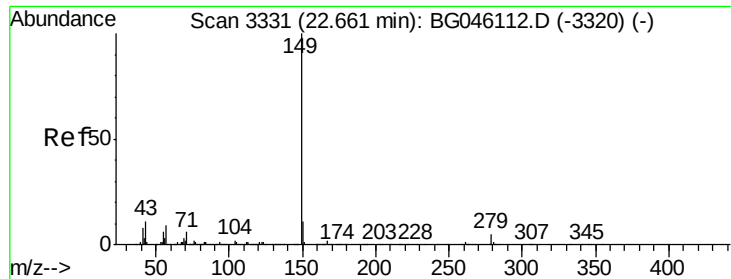


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.505 ng

RT: 22.66 min Scan# 3332

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

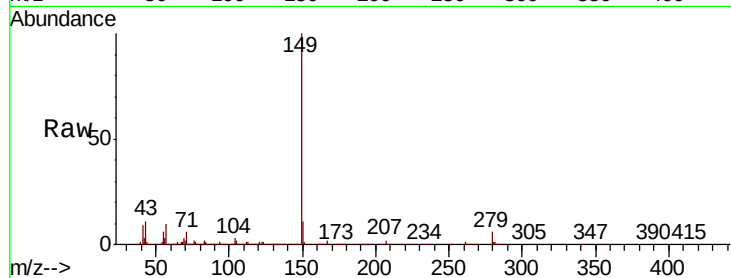
Tot Ion:149 Resp: 1608695

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

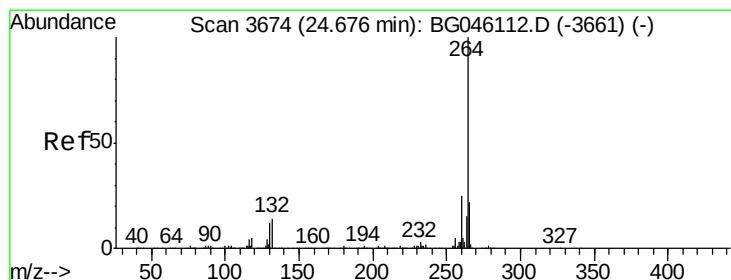
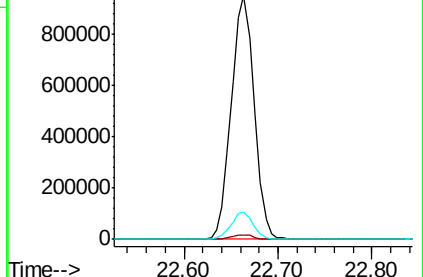
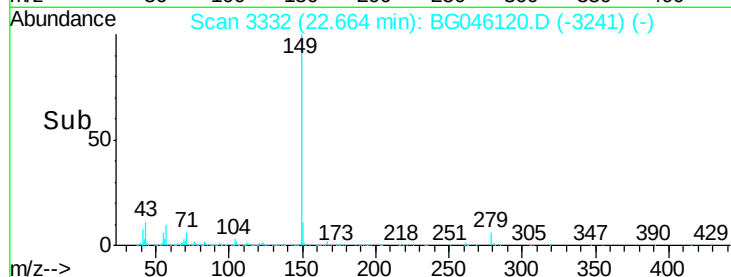
43 10.8 7.8 11.8



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: 24.68 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

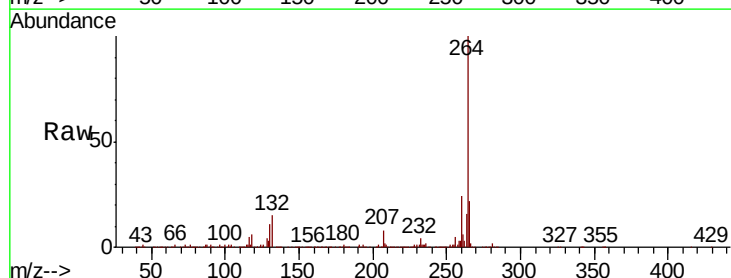
Tgt Ion:264 Resp: 670527

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

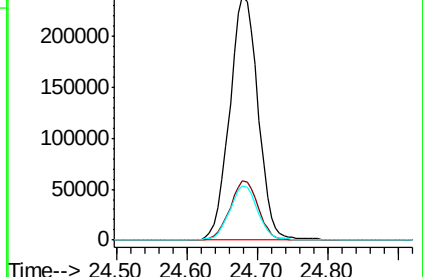
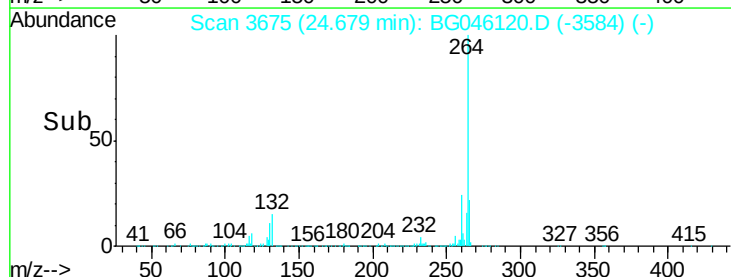
265 22.3 17.6 26.4

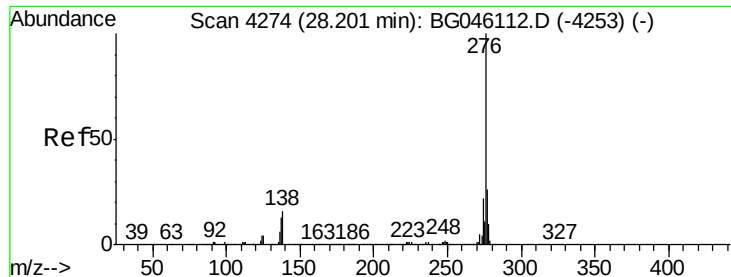


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

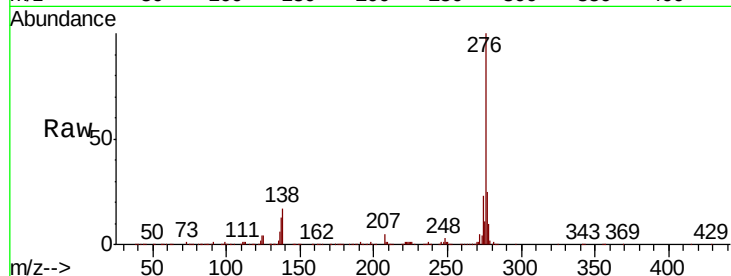




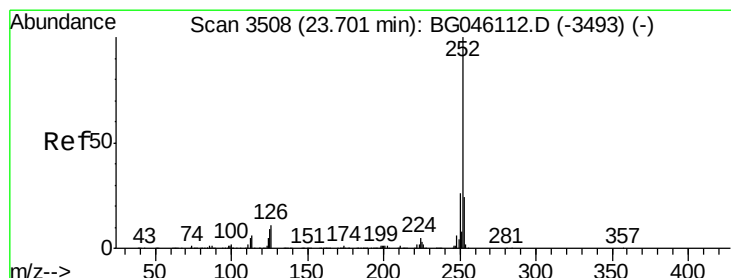
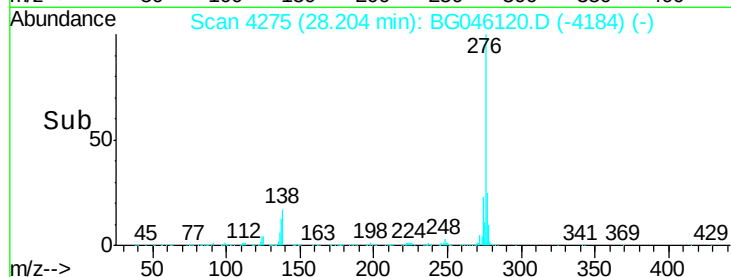
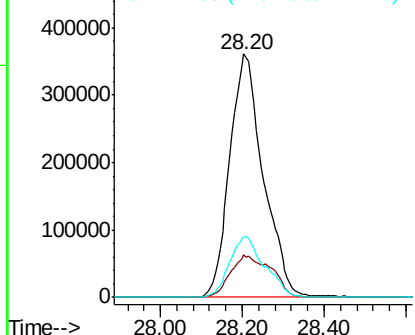
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.381 ng  
 RT: 28.20 min Scan# 4275  
 Delta R.T. 0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130544BS

Tot Ion:276 Resp: 2064996  
 Ion Ratio Lower Upper  
 276 100  
 138 14.2 11.6 17.4  
 277 26.2 20.8 31.2

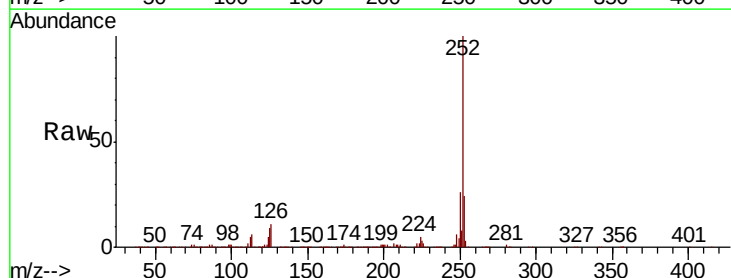


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

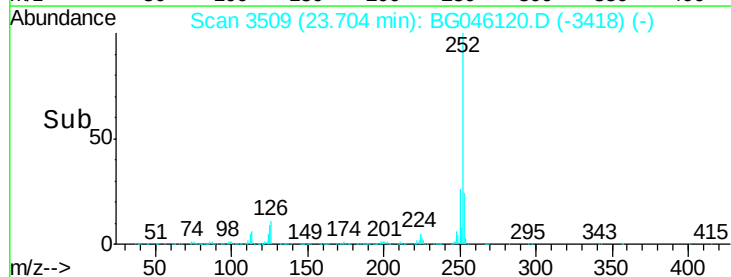
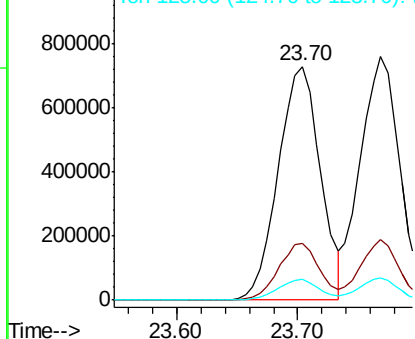


#88  
 Benzo(b)fluoranthene  
 Concen: 39.077 ng  
 RT: 23.70 min Scan# 3509  
 Delta R.T. 0.00 min  
 Lab File: BG046120.D  
 Acq: 31 Jul 2020 11:20

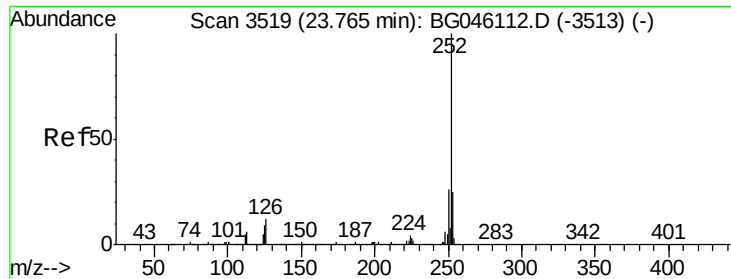
Tgt Ion:252 Resp: 1755860  
 Ion Ratio Lower Upper  
 252 100  
 253 24.3 19.2 28.8  
 125 9.0 7.2 10.8



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







#89

Benzo(k)fluoranthene

Concen: 39.100 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

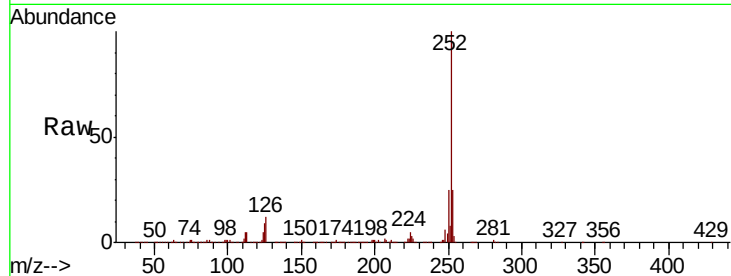
Tot Ion:252 Resp: 1723217

Ion Ratio Lower Upper

252 100

253 24.8 19.5 29.3

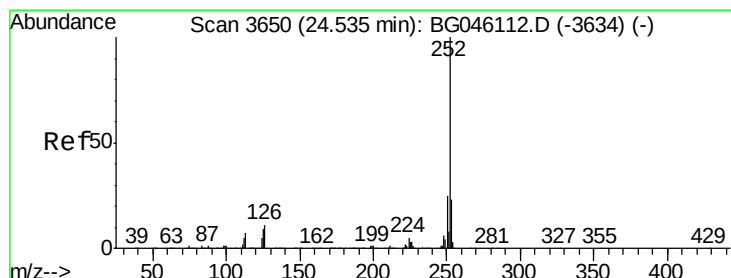
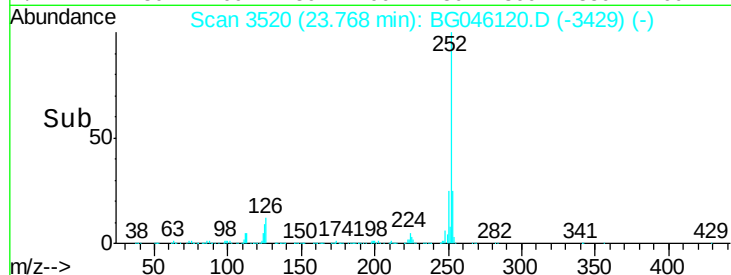
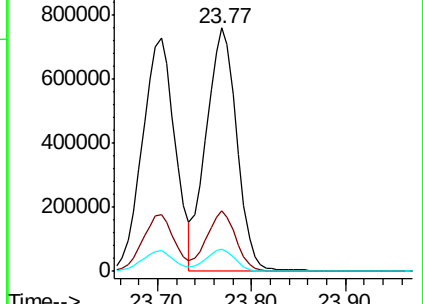
125 9.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.174 ng

RT: 24.54 min Scan# 3651

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

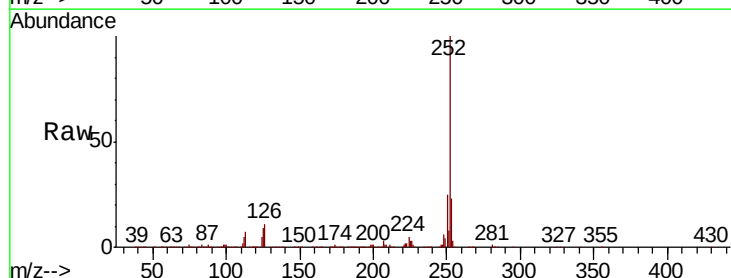
Tgt Ion:252 Resp: 1637952

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

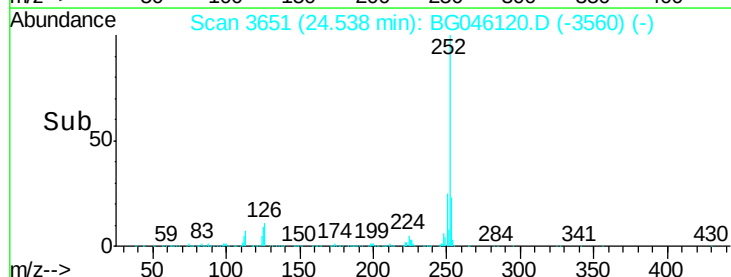
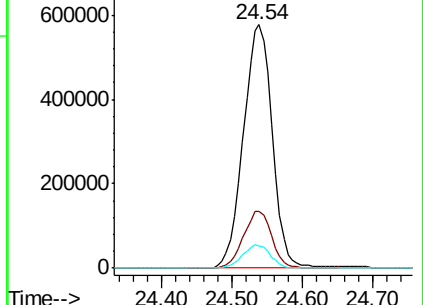
125 9.3 7.1 10.7

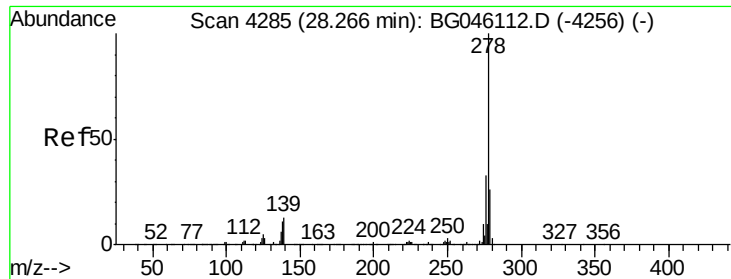


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.367 ng

RT: 28.27 min Scan# 4286

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA\_G

ClientSampleId :

PB130544BS

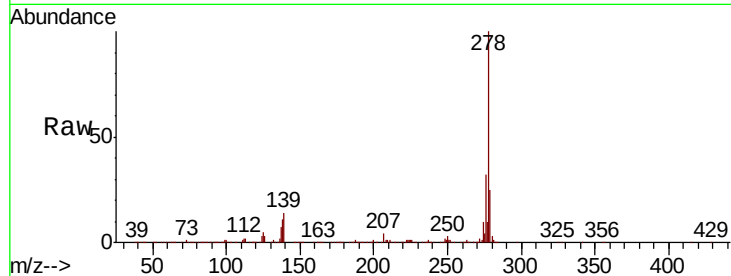
Tot Ion:278 Resp: 1682918

Ion Ratio Lower Upper

278 100

139 14.0 10.8 16.2

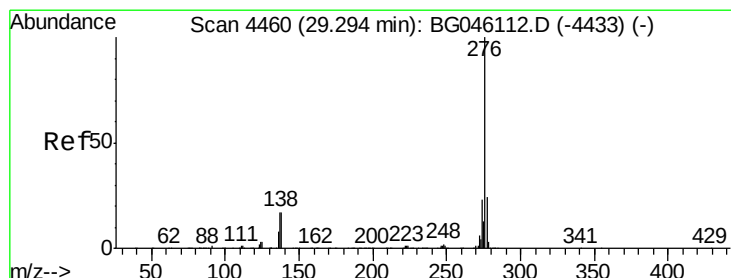
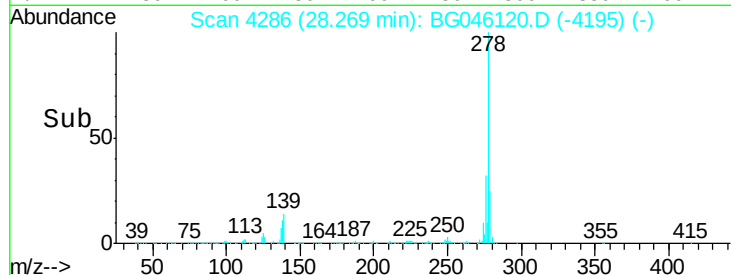
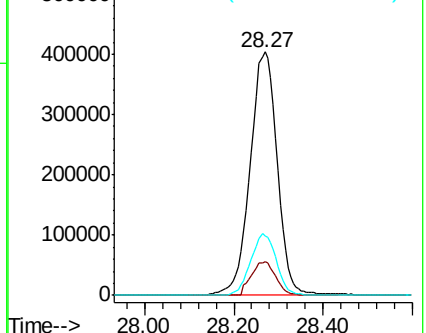
279 24.6 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.140 ng

RT: 29.30 min Scan# 4462

Delta R.T. 0.01 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

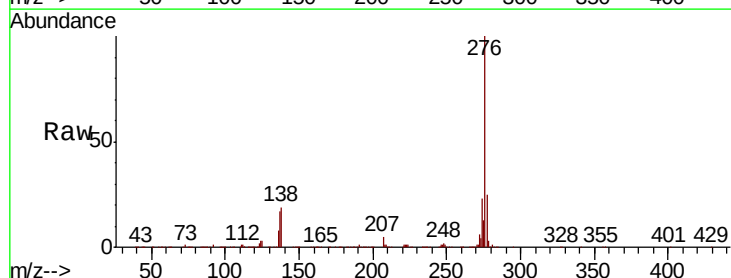
Tgt Ion:276 Resp: 1732999

Ion Ratio Lower Upper

276 100

277 24.7 19.5 29.3

138 18.8 13.8 20.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

