

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\  
 Data File : BG045109.D  
 Acq On : 21 Apr 2020 13:18  
 Operator : CG/JU  
 Sample : PB128352BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

Quant Time: Apr 21 14:18:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 21 14:13:24 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 55544    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 243929   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 200193   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 481129   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.66 | 240  | 435852   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.85 | 264  | 487591   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.59  | 112 | 512371  | 152.29 | ng | 0.00 |
| 7) Phenol-d6             | 7.19  | 99  | 759801  | 152.00 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.18  | 82  | 471131  | 88.13  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 420549  | 135.98 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.28 | 172 | 1176880 | 86.20  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.01 | 244 | 2005344 | 100.28 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 54369  | 36.363 | ng | 94     |
| 3) Pyridine                    | 3.88  | 79  | 165771 | 36.009 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.79  | 42  | 66527  | 47.173 | ng | 96     |
| 6) Aniline                     | 7.34  | 93  | 232489 | 35.772 | ng | 99     |
| 8) 2-Chlorophenol              | 7.58  | 128 | 200834 | 55.544 | ng | 99     |
| 9) Benzaldehyde                | 7.15  | 77  | 92222  | 30.266 | ng | 97     |
| 10) Phenol                     | 7.21  | 94  | 282484 | 56.474 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 178314 | 44.774 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146 | 198668 | 46.628 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146 | 196381 | 46.256 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 189594 | 46.679 | ng | 96     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 215614 | 51.448 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 165811 | 42.414 | ng | 94     |
| 17) 2-Methylphenol             | 8.46  | 107 | 192820 | 49.962 | ng | 96     |
| 18) Hexachloroethane           | 9.11  | 117 | 74201  | 46.491 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 171323 | 48.464 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 273508 | 50.632 | ng | 96     |
| 22) Acetophenone               | 8.84  | 105 | 310332 | 47.045 | ng | # 97   |
| 24) Nitrobenzene               | 9.22  | 77  | 253057 | 46.180 | ng | 99     |
| 25) Isophorone                 | 9.75  | 82  | 503213 | 45.965 | ng | 97     |
| 26) 2-Nitrophenol              | 9.93  | 139 | 120246 | 50.943 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 205069 | 54.754 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 277506 | 48.244 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 235342 | 54.419 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 227370 | 46.436 | ng | 94     |
| 31) Naphthalene                | 10.88 | 128 | 635546 | 47.628 | ng | 99     |
| 32) Benzoic acid               | 10.16 | 122 | 123430 | 41.752 | ng | 97     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 96450  | 15.498 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 151397 | 45.098 | ng | 96     |
| 35) Caprolactam                | 11.75 | 113 | 37788  | 21.955 | ng | # 82   |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 275724 | 54.273 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 503289 | 48.592 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 487710 | 49.879 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 280518 | 43.520 | ng | 98     |

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 Acq On : 21 Apr 2020 13:18  
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 Sample : PB128352BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

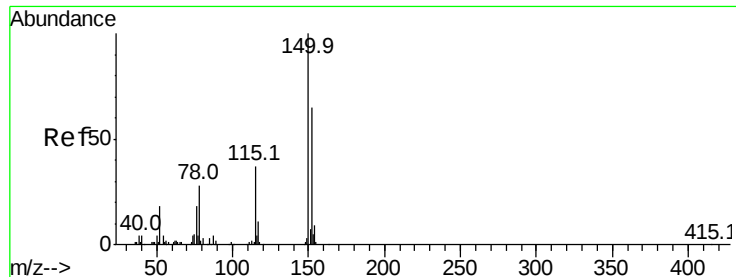
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

Quant Time: Apr 21 14:18:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 21 14:13:24 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.84 | 237  | 409973   | 101.764 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 218010   | 47.923  | ng    | 92       |
| 44) 2,4,5-Trichlorophenol      | 13.16 | 196  | 230892   | 44.590  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 660623   | 43.416  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 515327   | 44.323  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 176086   | 46.031  | ng    | 97       |
| 49) Acenaphthylene             | 14.38 | 152  | 875561   | 46.233  | ng    | 99       |
| 50) Dimethylphthalate          | 14.11 | 163  | 744873   | 45.696  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.22 | 165  | 171234   | 46.965  | ng    | 98       |
| 52) Acenaphthene               | 14.72 | 154  | 538437   | 42.021  | ng    | 100      |
| 53) 3-Nitroaniline             | 14.55 | 138  | 80399    | 20.106  | ng    | # 97     |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 225347   | 103.942 | ng    | 97       |
| 55) Dibenzofuran               | 15.06 | 168  | 851081   | 45.559  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.88 | 139  | 276741   | 89.257  | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.01 | 165  | 242208   | 45.458  | ng    | 95       |
| 58) Fluorene                   | 15.70 | 166  | 714743   | 46.841  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 231883   | 50.329  | ng    | 99       |
| 60) Diethylphthalate           | 15.47 | 149  | 773784   | 45.530  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 395815   | 45.067  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.72 | 138  | 172846   | 41.674  | ng    | 95       |
| 63) Azobenzene                 | 15.99 | 77   | 729278   | 46.543  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 158872   | 50.236  | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 651034   | 47.095  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 282038   | 45.439  | ng    | 99       |
| 68) Hexachlorobenzene          | 16.71 | 284  | 304634   | 47.323  | ng    | 97       |
| 69) Atrazine                   | 16.86 | 200  | 272837   | 55.195  | ng    | 98       |
| 70) Pentachlorophenol          | 17.06 | 266  | 343345   | 86.943  | ng    | 98       |
| 71) Phenanthrene               | 17.45 | 178  | 1167589  | 47.225  | ng    | 100      |
| 72) Anthracene                 | 17.53 | 178  | 1203930  | 48.544  | ng    | 99       |
| 73) Carbazole                  | 17.80 | 167  | 1090462  | 43.328  | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 1294836  | 47.616  | ng    | 99       |
| 75) Fluoranthene               | 19.45 | 202  | 1415640  | 49.304  | ng    | 99       |
| 77) Benzidine                  | 19.63 | 184  | 608571   | 48.697  | ng    | 98       |
| 78) Pyrene                     | 19.81 | 202  | 1396462  | 46.475  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 573172   | 46.019  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.65 | 228  | 1341443  | 47.486  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 294006   | 26.148  | ng    | 99       |
| 83) Chrysene                   | 21.71 | 228  | 1287877  | 47.449  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 799498   | 46.672  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.77 | 149  | 1355029  | 45.743  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.48 | 276  | 1731143  | 48.038  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.85 | 252  | 1477173  | 48.365  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.92 | 252  | 1379040  | 47.478  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.71 | 252  | 1340139  | 46.473  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.55 | 278  | 1399556  | 48.165  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.62 | 276  | 1403958  | 48.194  | ng    | 96       |

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

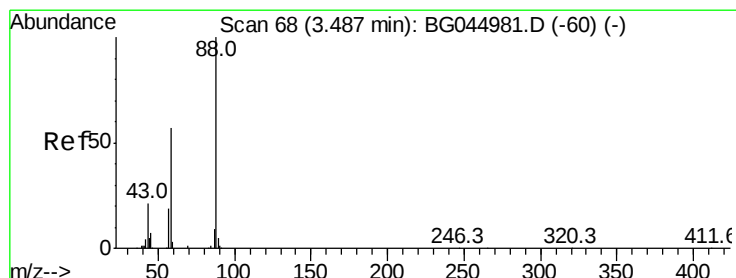
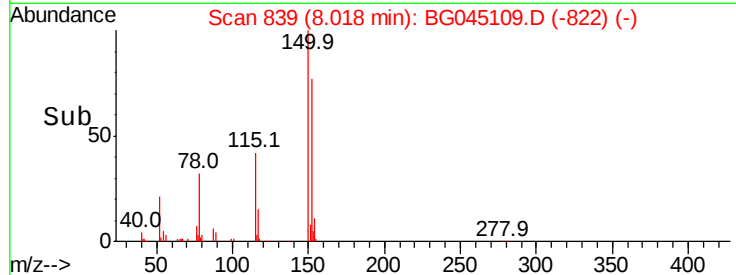
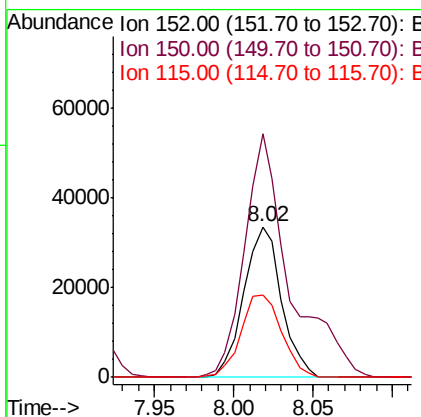
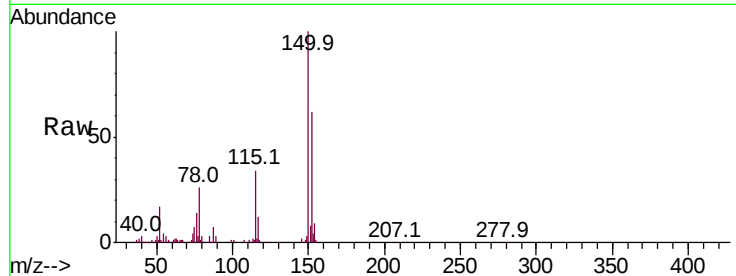




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.02 min Scan# 839  
 Delta R.T. 0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

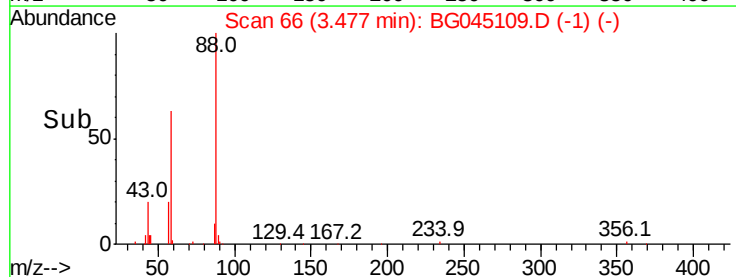
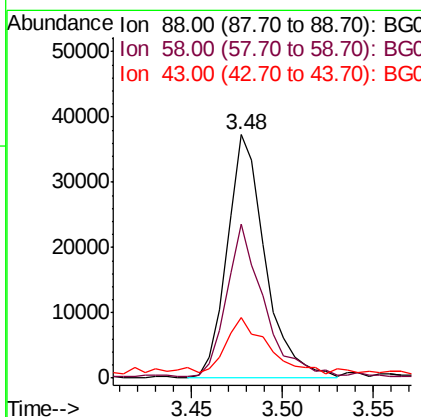
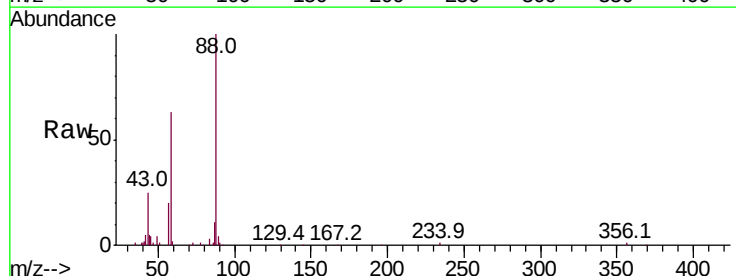
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

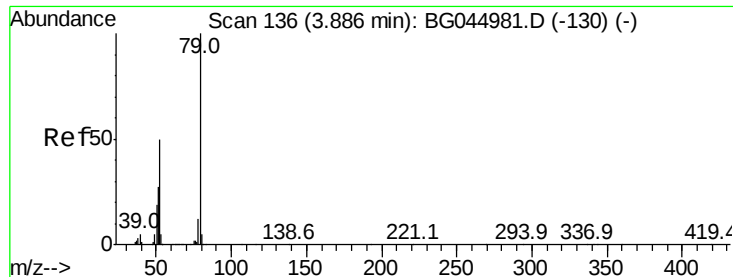
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 152   | Resp: | 55544 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 161.6 | 123.6 | 185.4 |
| 115      | 54.8  | 49.1  | 73.7  |



#2  
 1,4-Dioxane  
 Concen: 36.363 ng  
 RT: 3.48 min Scan# 66  
 Delta R.T. -0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 54369 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 58       | 62.2  | 46.6  | 69.8  |
| 43       | 25.4  | 17.5  | 26.3  |





#3

Pvridine

Concen: 36.009 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

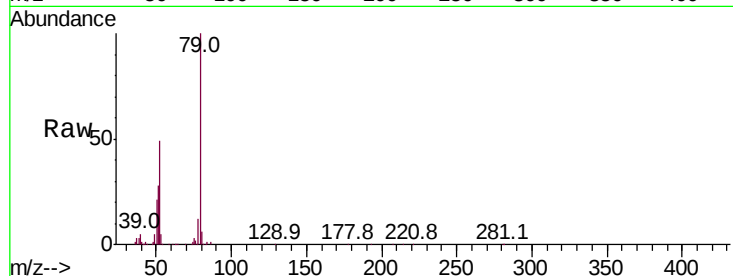
Tot Ion: 79 Resp: 165771

Ion Ratio Lower Upper

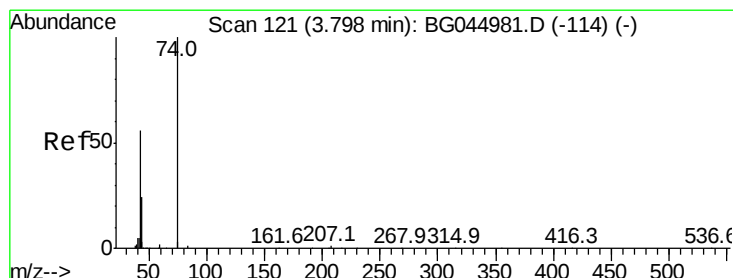
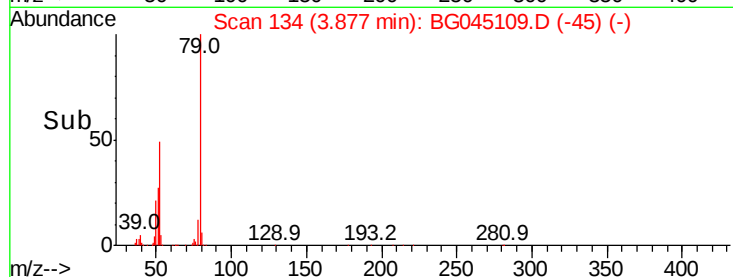
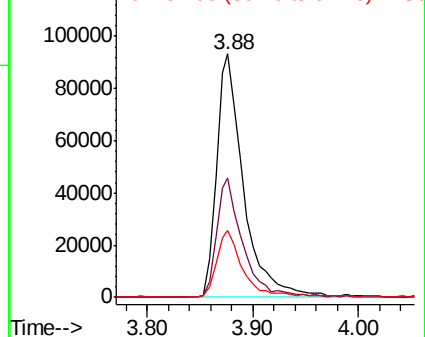
79 100

52 49.0 39.8 59.6

51 27.7 21.4 32.2



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: 47.173 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

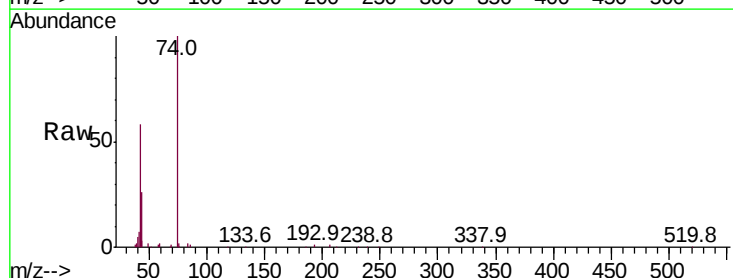
Tgt Ion: 42 Resp: 66527

Ion Ratio Lower Upper

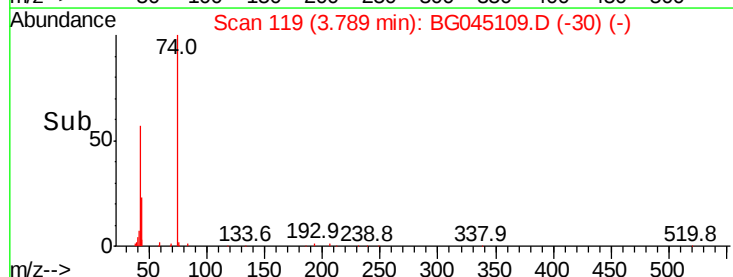
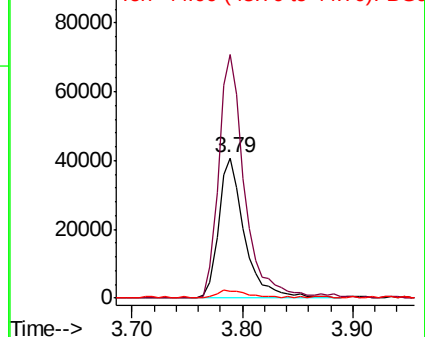
42 100

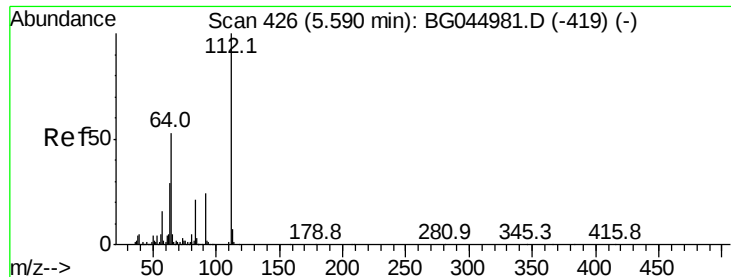
74 173.5 143.0 214.6

44 5.3 4.6 6.8



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: 152.293 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

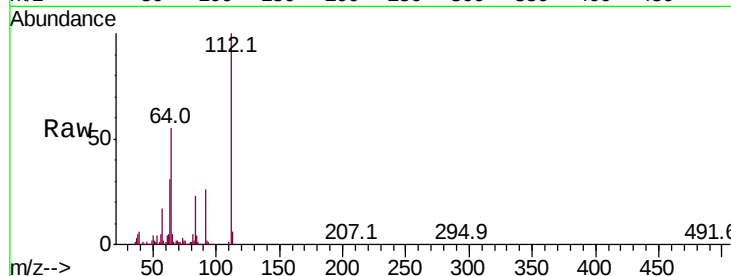
Tot Ion:112 Resp: 512371

Ion Ratio Lower Upper

112 100

64 55.3 42.4 63.6

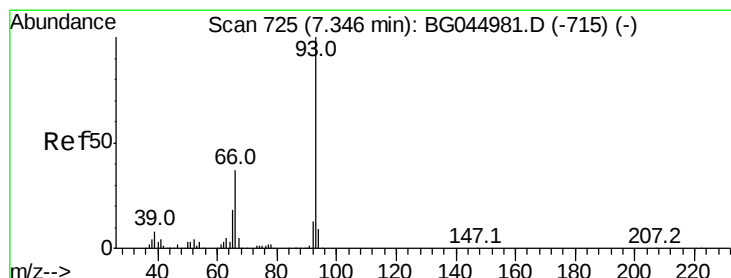
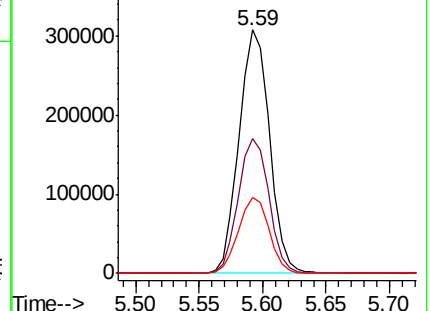
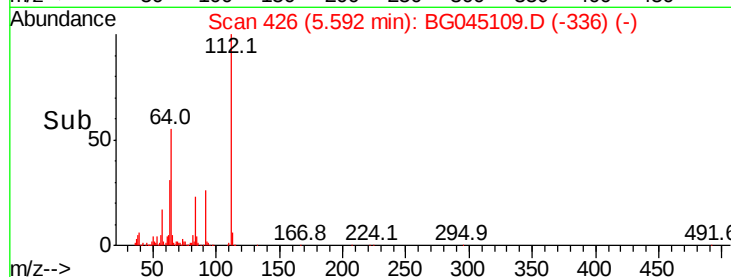
63 31.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.772 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

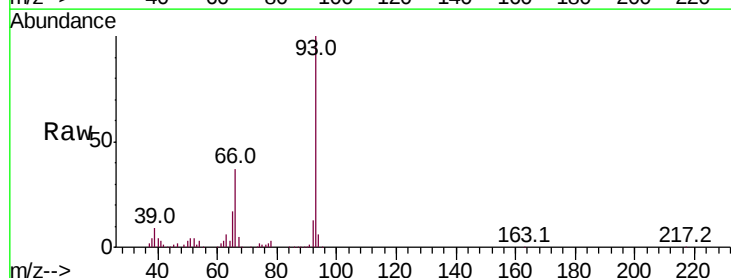
Tgt Ion: 93 Resp: 232489

Ion Ratio Lower Upper

93 100

66 36.7 29.8 44.8

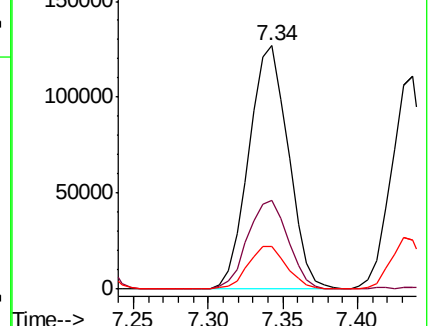
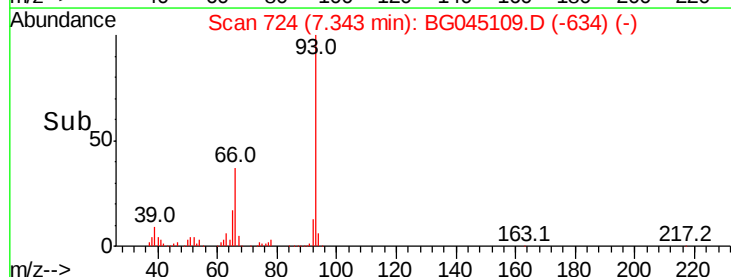
65 17.4 14.6 22.0

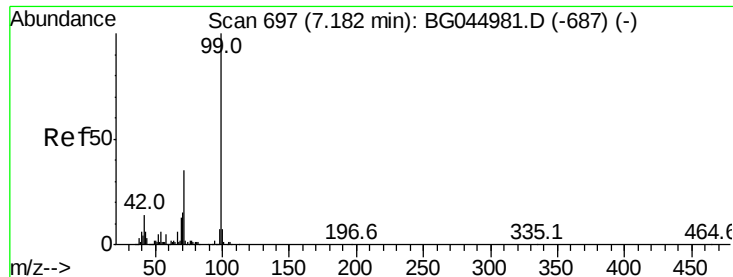


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.002 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

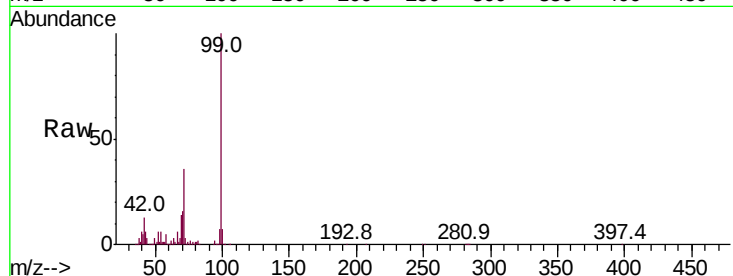
Tot Ion: 99 Resp: 759801

Ion Ratio Lower Upper

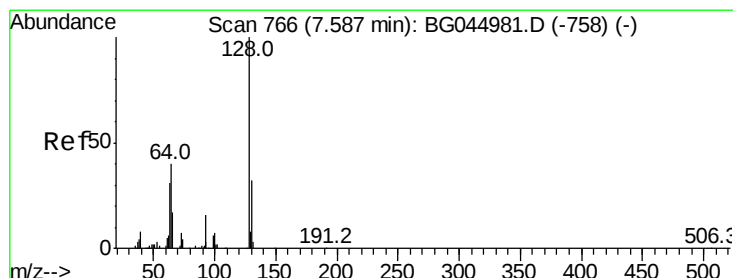
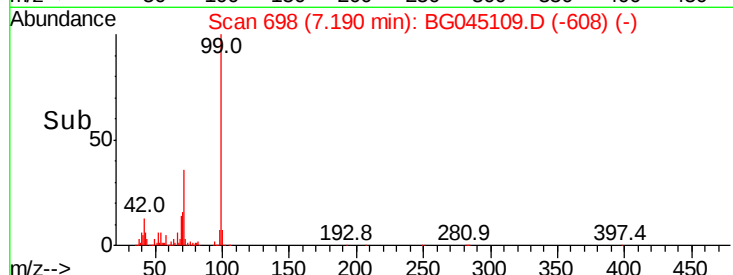
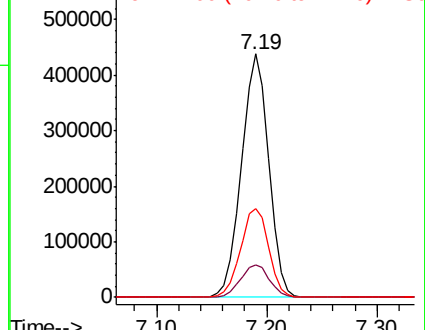
99 100

42 13.5 11.3 16.9

71 36.3 28.3 42.5



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: 55.544 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

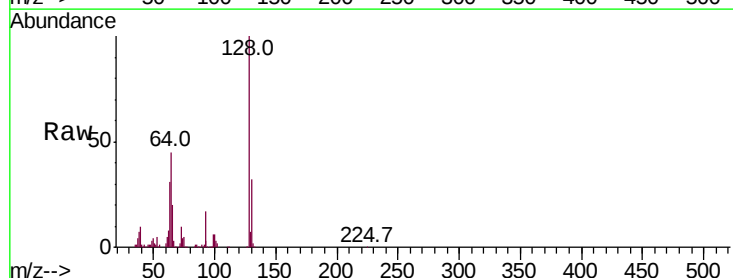
Tgt Ion: 128 Resp: 200834

Ion Ratio Lower Upper

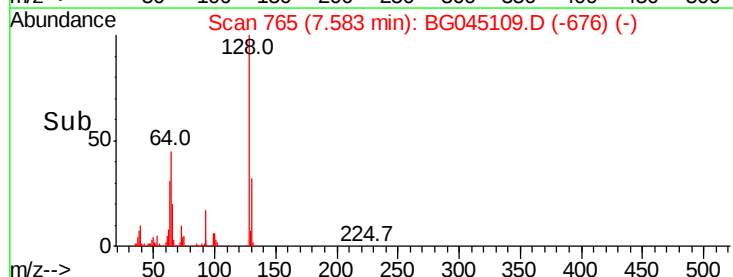
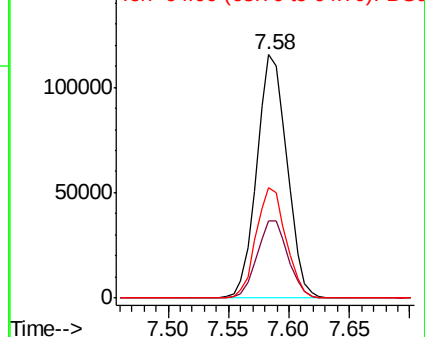
128 100

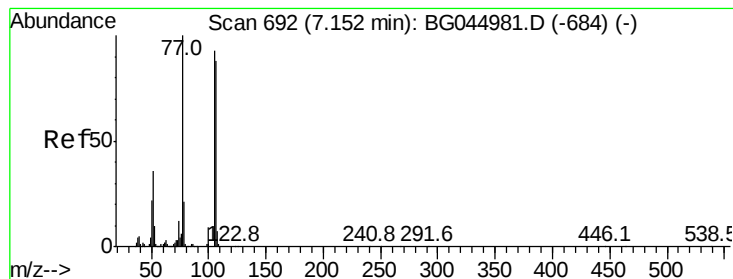
130 31.9 12.3 52.3

64 45.4 24.4 64.4



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: 30.266 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

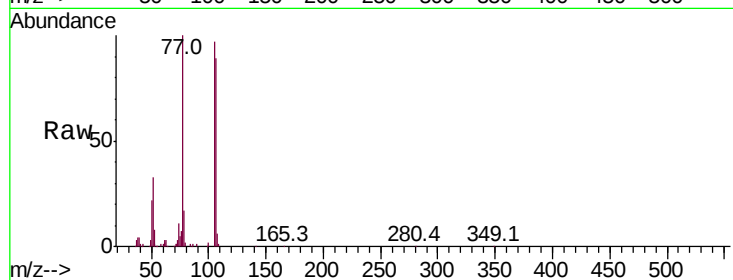
Tot Ion: 77 Resp: 92222

Ion Ratio Lower Upper

77 100

105 96.5 72.9 112.9

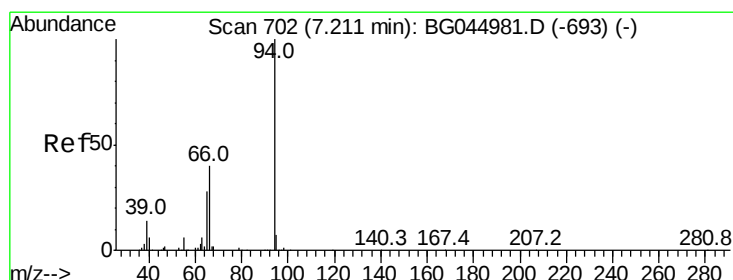
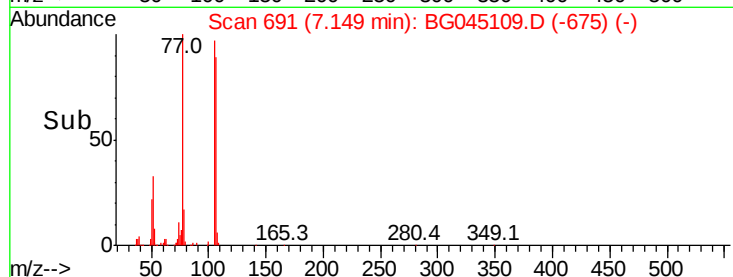
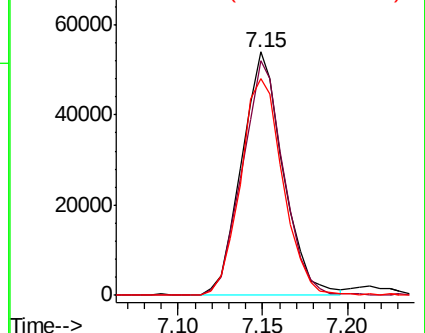
106 89.1 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 56.474 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

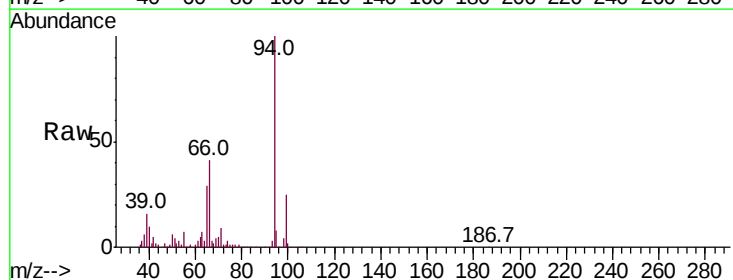
Tgt Ion: 94 Resp: 282484

Ion Ratio Lower Upper

94 100

65 28.7 8.2 48.2

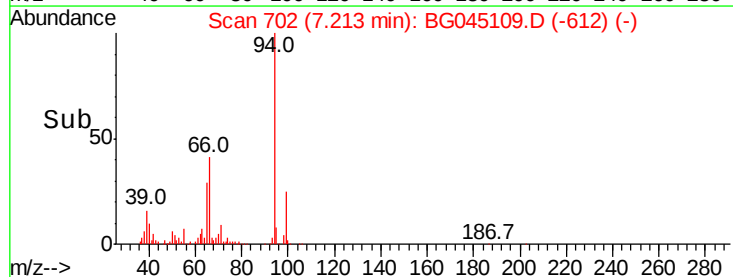
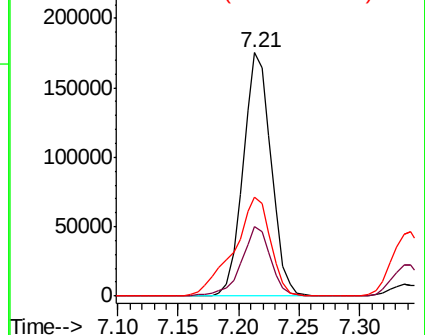
66 40.9 20.4 60.4

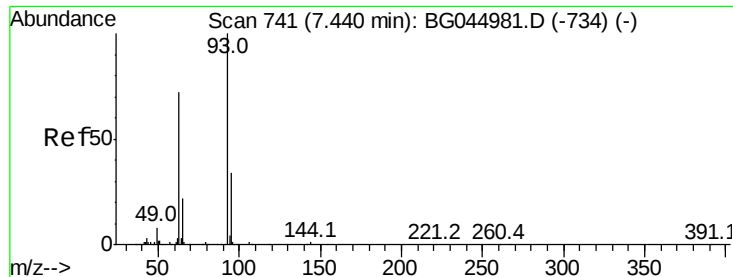


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

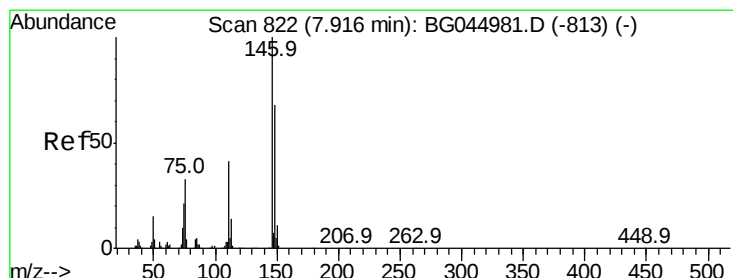
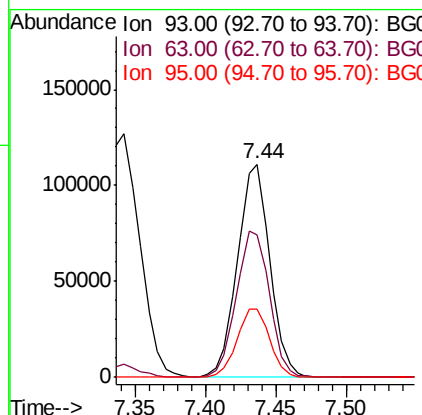
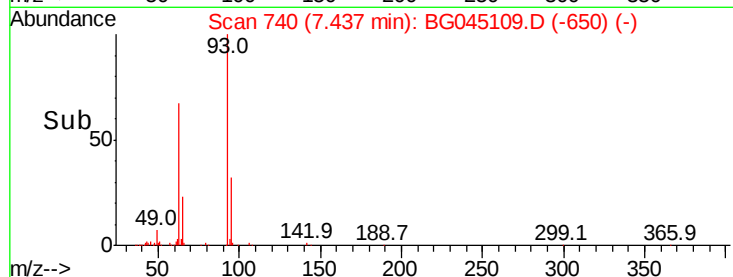
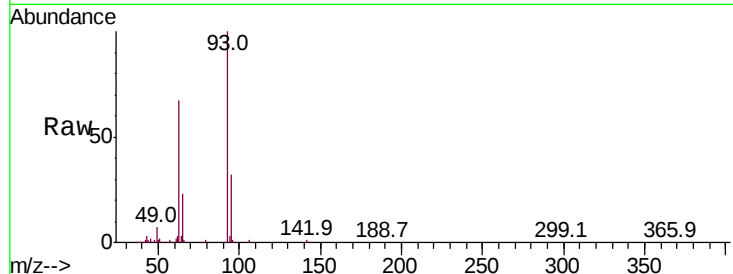




#11  
bis(2-Chloroethyl)ether  
Concen: 44.774 ng  
RT: 7.44 min Scan# 740  
Delta R.T. 0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

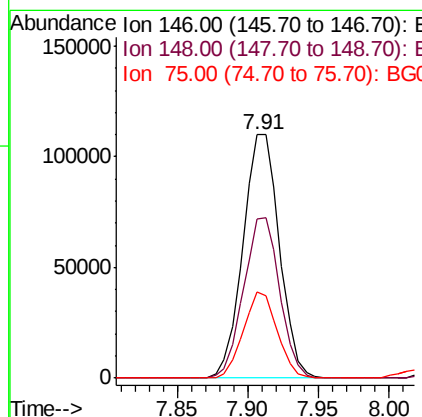
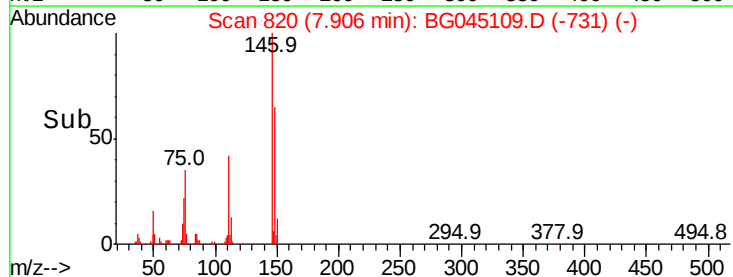
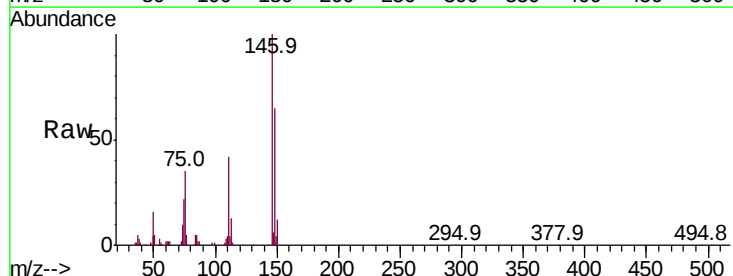
Instrument :  
BNA\_G  
ClientSampleId :  
PB128352BS

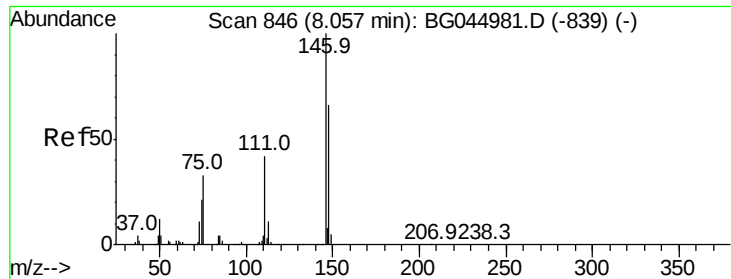
Tot Ion: 93 Resp: 178314  
Ion Ratio Lower Upper  
93 100  
63 66.8 51.8 91.8  
95 32.0 13.8 53.8



#12  
1,3-Dichlorobenzene  
Concen: 46.628 ng  
RT: 7.91 min Scan# 820  
Delta R.T. -0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

Tgt Ion: 146 Resp: 198668  
Ion Ratio Lower Upper  
146 100  
148 65.2 54.6 81.8  
75 35.2 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 46.256 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

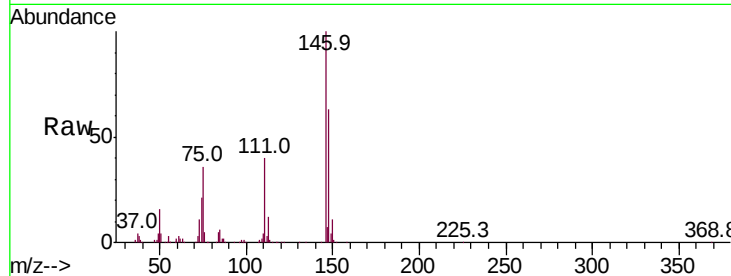
Tot Ion:146 Resp: 196381

Ion Ratio Lower Upper

146 100

148 62.7 53.3 79.9

111 39.7 33.8 50.8

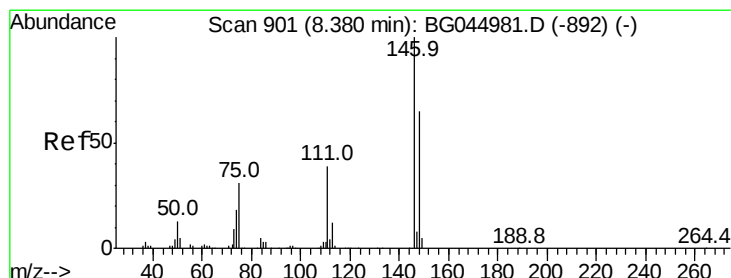
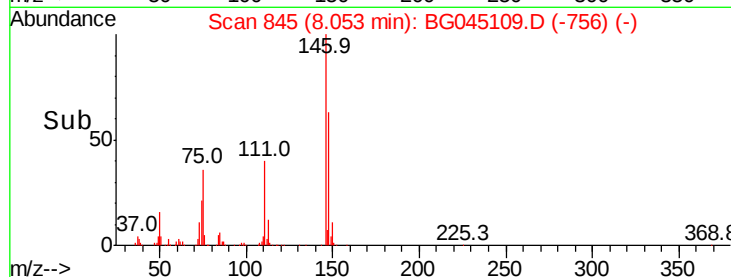
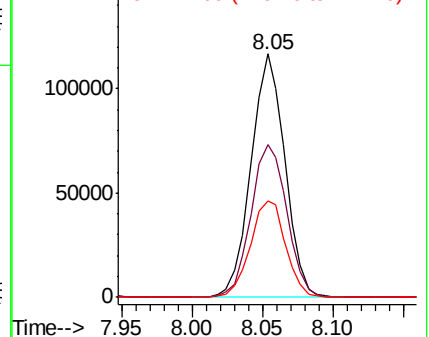


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.679 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

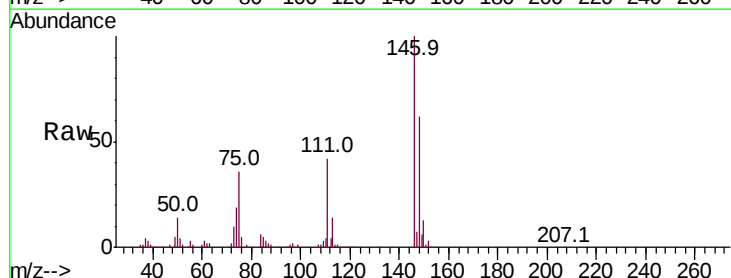
Tgt Ion:146 Resp: 189594

Ion Ratio Lower Upper

146 100

148 62.1 51.9 77.9

111 42.2 31.3 46.9

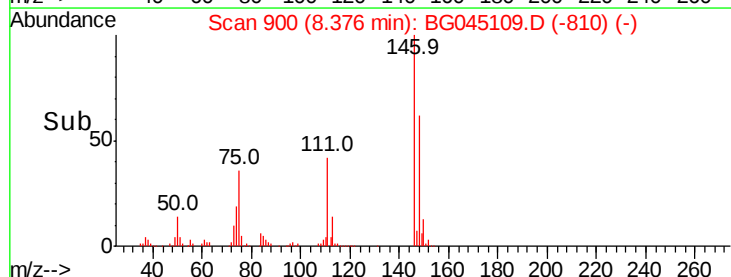
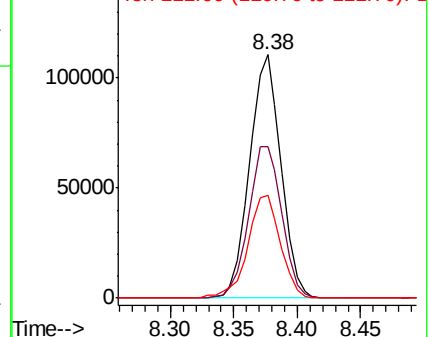


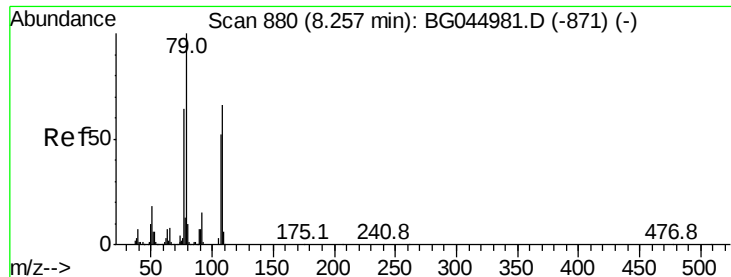
Abundance

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: 51.448 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

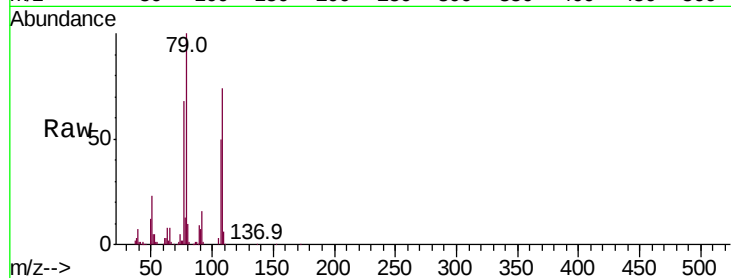
Tot Ion: 79 Resp: 215614

Ion Ratio Lower Upper

79 100

108 74.3 52.7 79.1

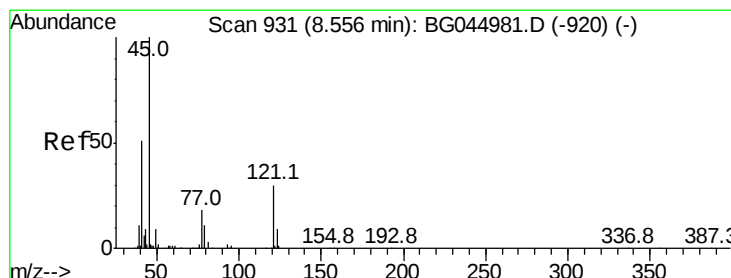
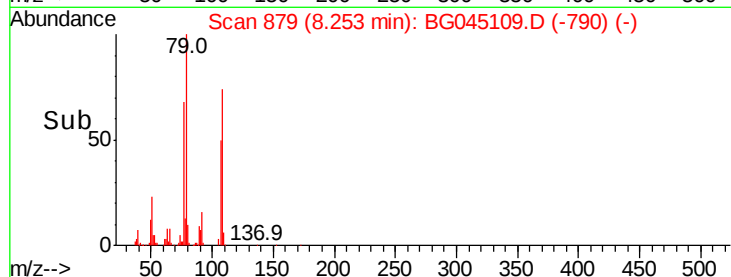
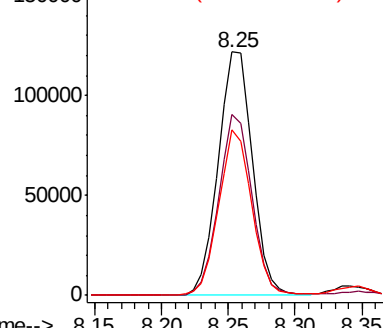
77 67.8 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.414 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

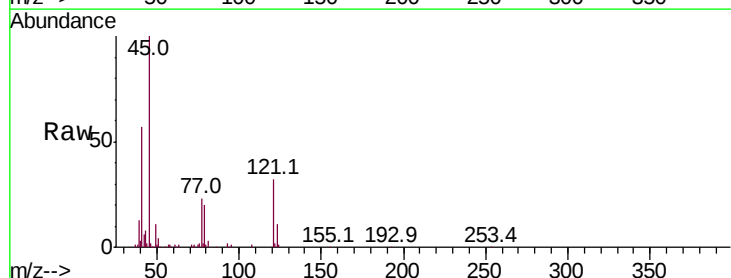
Tgt Ion: 45 Resp: 165811

Ion Ratio Lower Upper

45 100

77 23.1 1.9 41.9

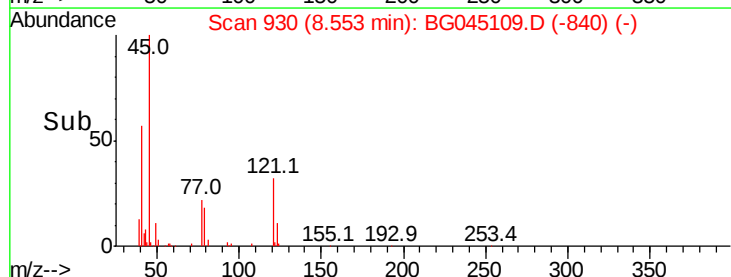
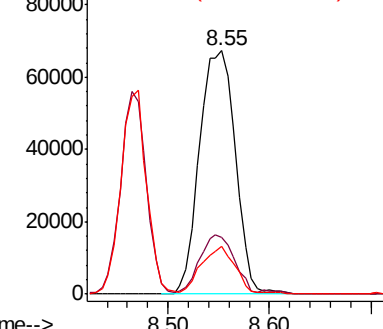
79 19.6 0.0 35.5

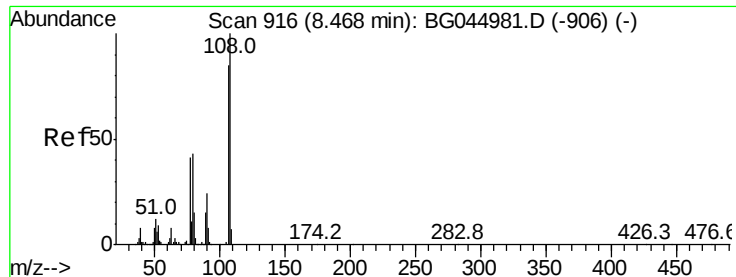


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 49.962 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

Tot Ion:107 Resp: 192820

Ion Ratio Lower Upper

107 100

108 112.6 93.8 140.6

77 52.3 38.5 57.7

79 50.7 40.1 60.1

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

150000

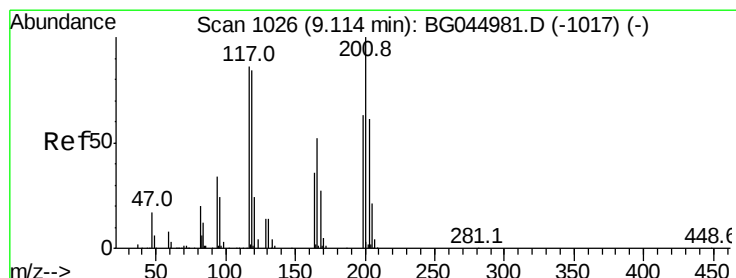
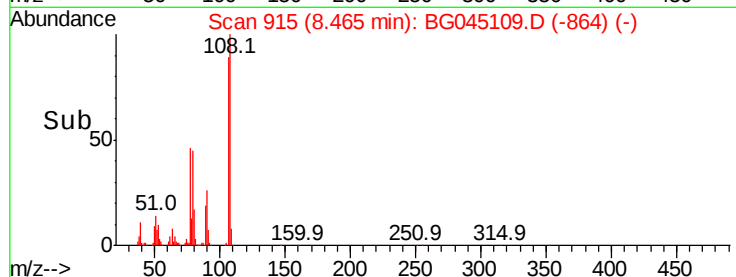
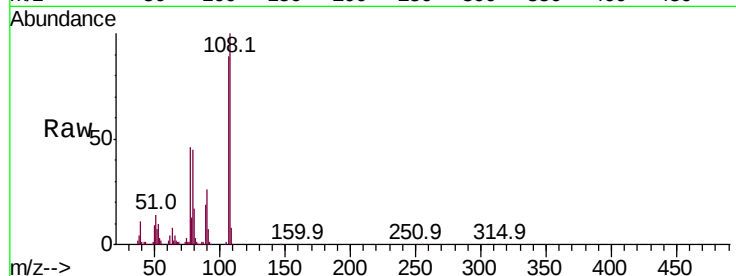
100000

50000

0

8.40 8.45 8.50 8.55

Time-->



#18

Hexachloroethane

Concen: 46.491 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:117 Resp: 74201

Ion Ratio Lower Upper

117 100

119 96.2 78.3 117.5

201 119.3 92.9 139.3

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

60000

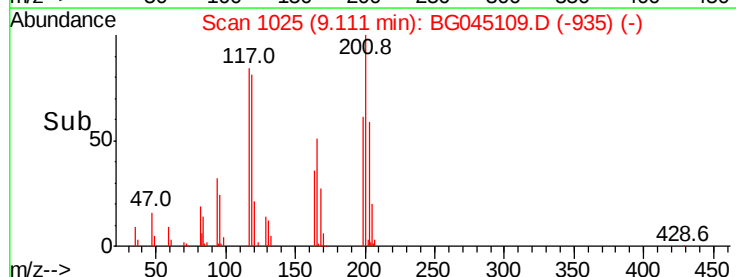
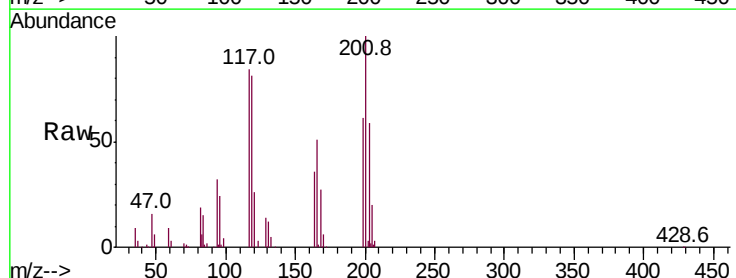
40000

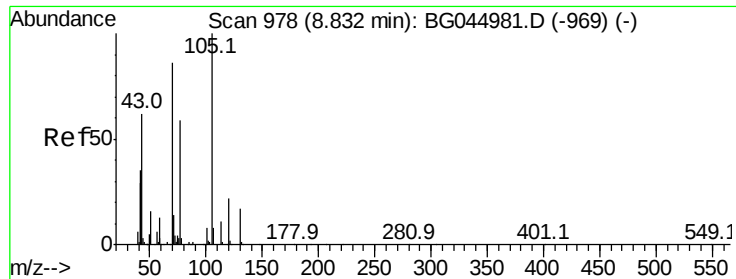
20000

0

9.00 9.05 9.10 9.15

Time-->

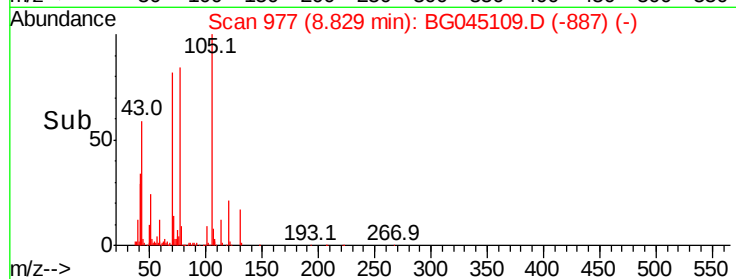
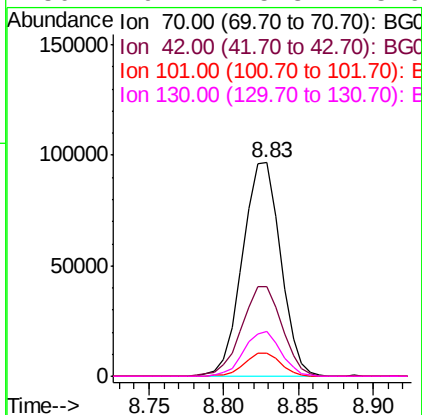
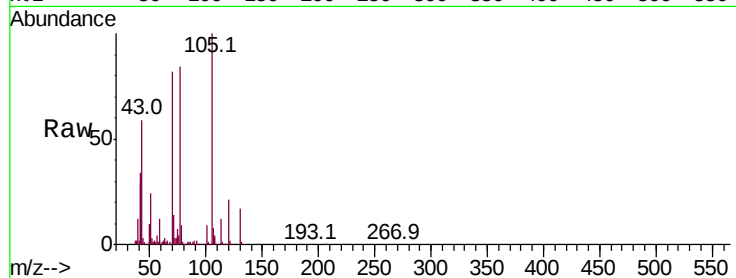




#19  
n-Nitroso-di-n-propylamine  
Concen: 48.464 ng  
RT: 8.83 min Scan# 977  
Delta R.T. 0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

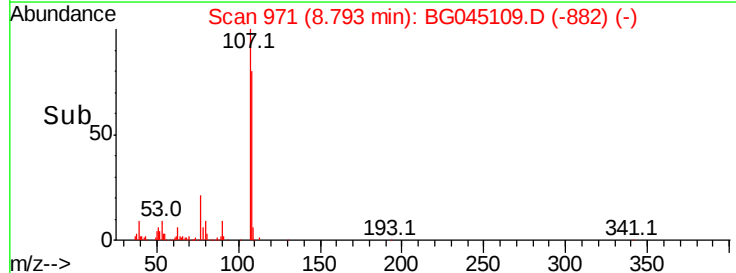
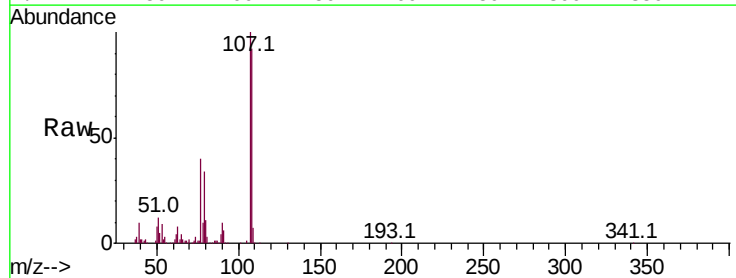
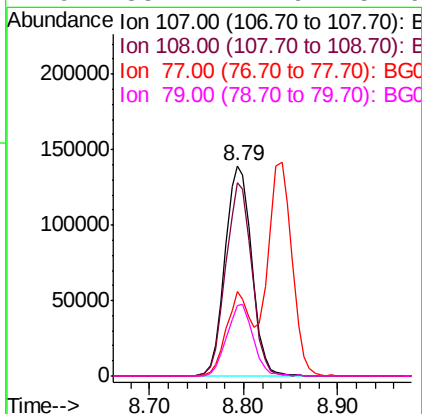
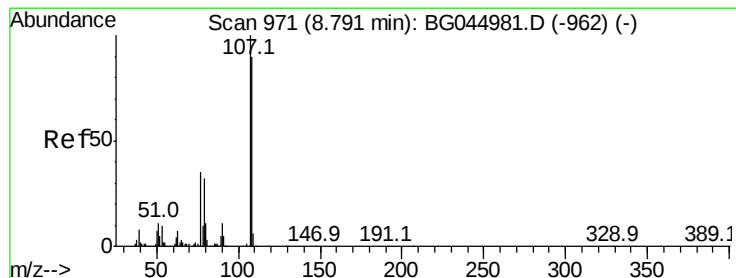
Instrument :  
BNA\_G  
ClientSampleId :  
PB128352BS

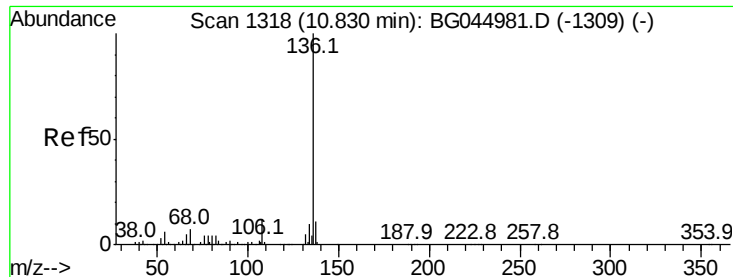
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 171323 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 41.8  | 33.3  | 49.9   |
| 101      | 10.6  | 7.8   | 11.8   |
| 130      | 20.7  | 15.8  | 23.6   |



#20  
3+4-Methylphenols  
Concen: 50.632 ng  
RT: 8.79 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 273508 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.0  | 69.9  | 109.9  |
| 77       | 40.4  | 15.2  | 55.2   |
| 79       | 33.7  | 11.6  | 51.6   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

Tot Ion:136 Resp: 243929

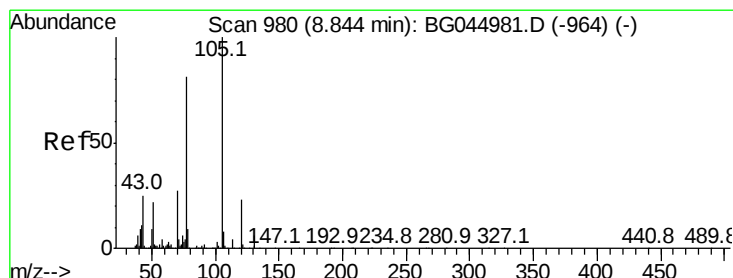
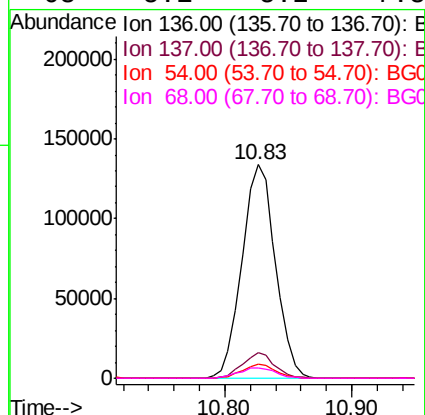
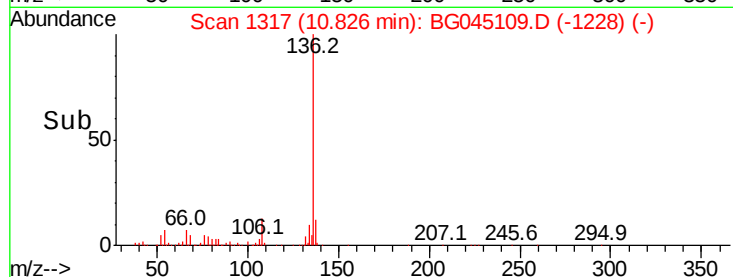
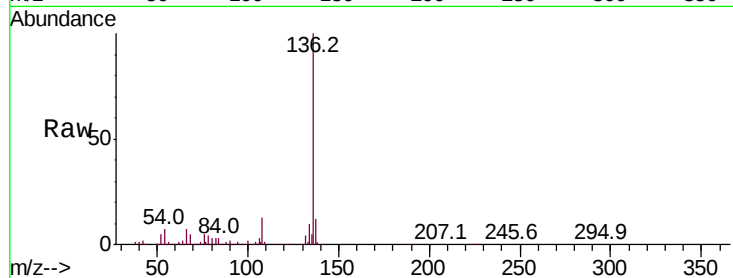
Ion Ratio Lower Upper

136 100

137 11.8 8.6 13.0

54 6.7 4.8 7.2

68 5.1 5.2 7.8#



#22

Acetophenone

Concen: 47.045 ng

RT: 8.84 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:105 Resp: 310332

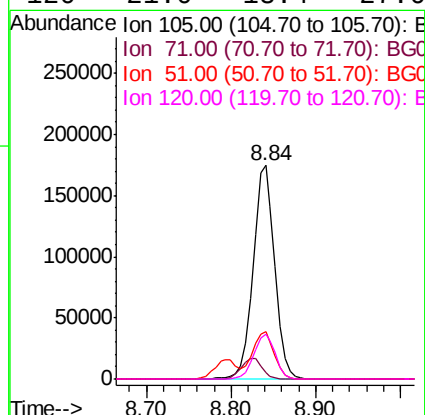
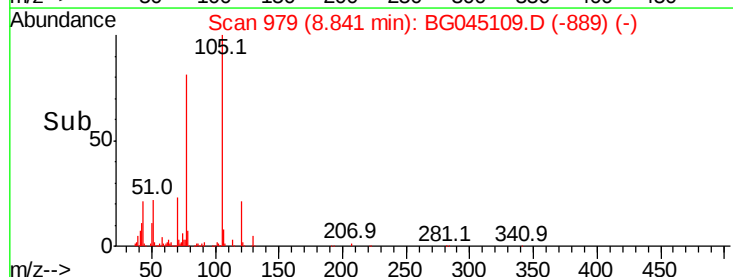
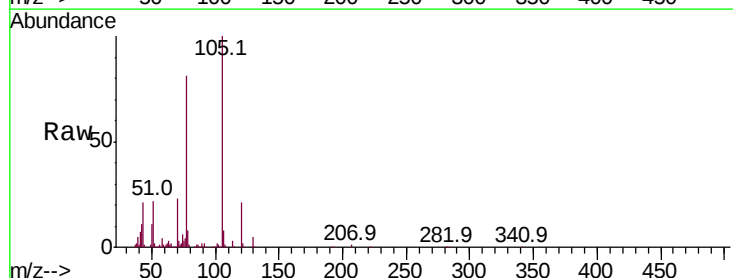
Ion Ratio Lower Upper

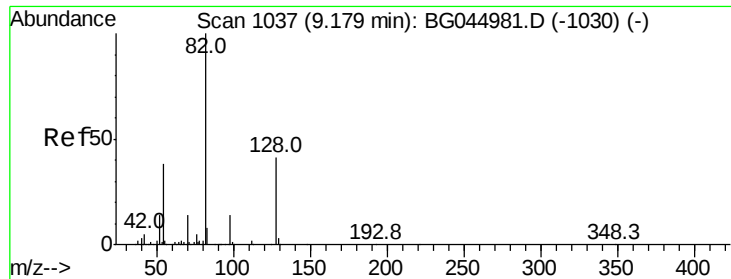
105 100

71 3.1 3.3 4.9#

51 22.1 17.3 25.9

120 21.0 18.4 27.6

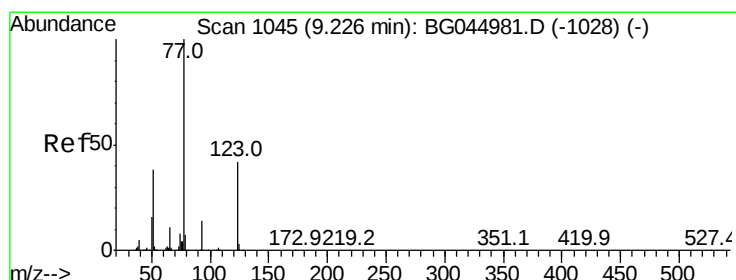
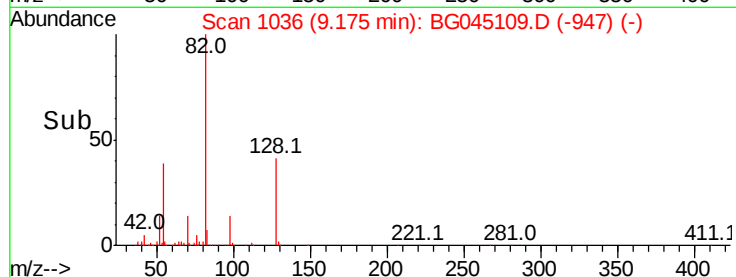
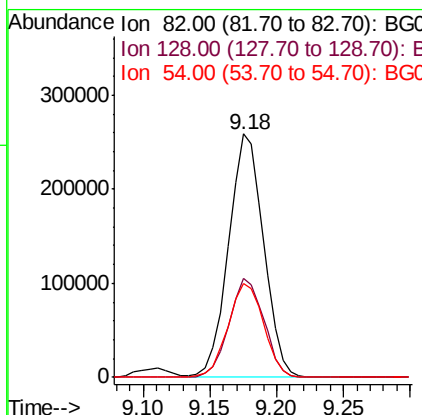
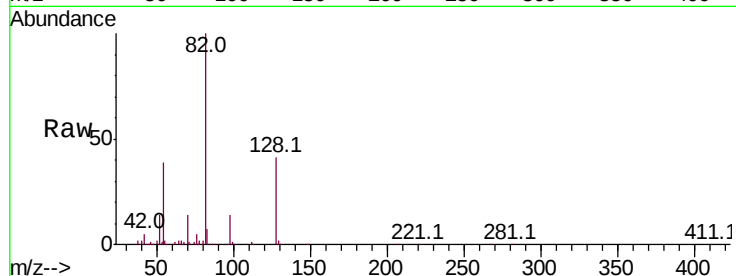




#23  
 Nitrobenzene-d5  
 Concen: 88.129 ng  
 RT: 9.18 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

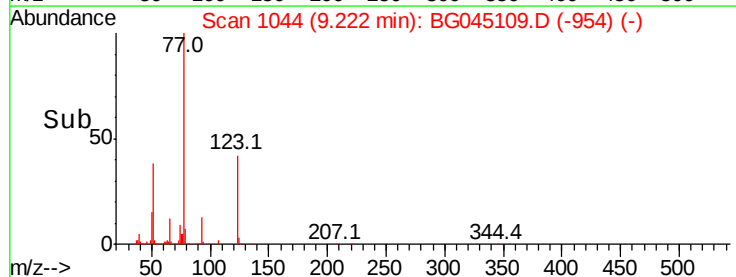
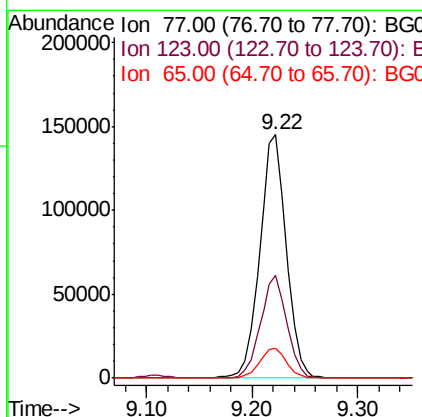
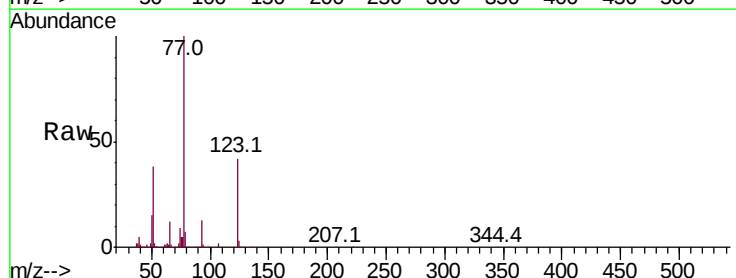
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

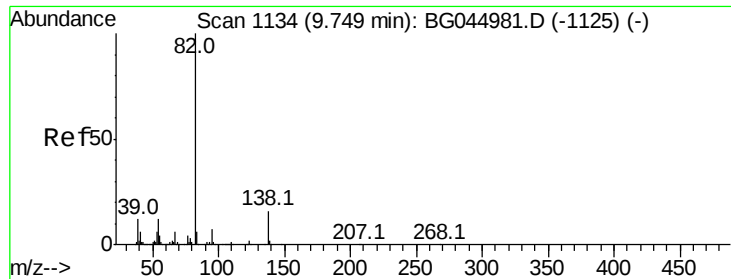
Tot Ion: 82 Resp: 471131  
 Ion Ratio Lower Upper  
 82 100  
 128 40.7 33.0 49.4  
 54 38.8 30.4 45.6



#24  
 Nitrobenzene  
 Concen: 46.180 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. 0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

Tgt Ion: 77 Resp: 253057  
 Ion Ratio Lower Upper  
 77 100  
 123 42.3 34.3 51.5  
 65 12.5 8.9 13.3





#25

Isophorone

Concen: 45.965 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

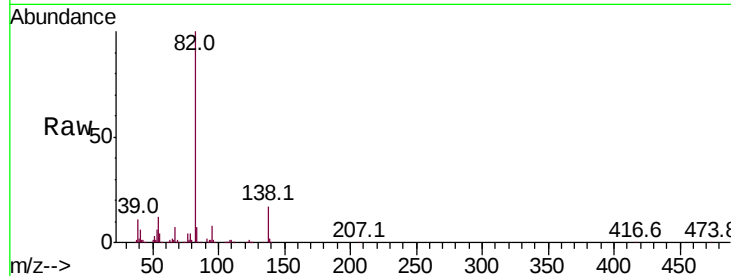
Tot Ion: 82 Resp: 503213

Ion Ratio Lower Upper

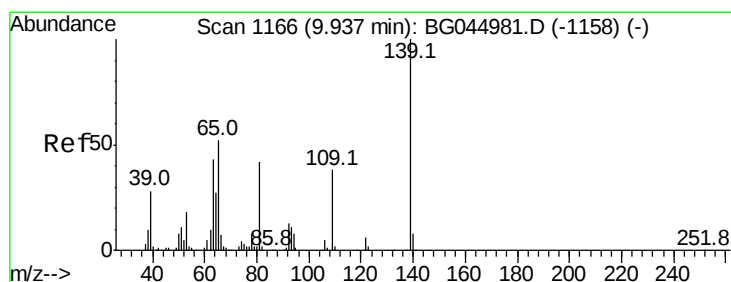
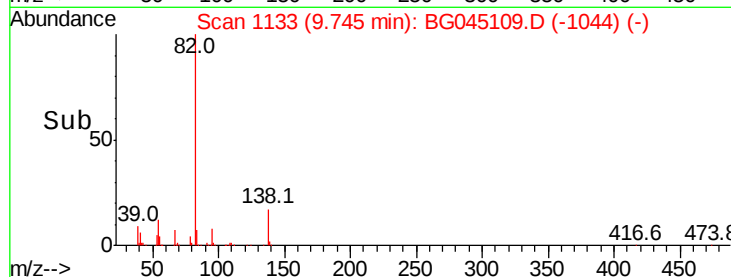
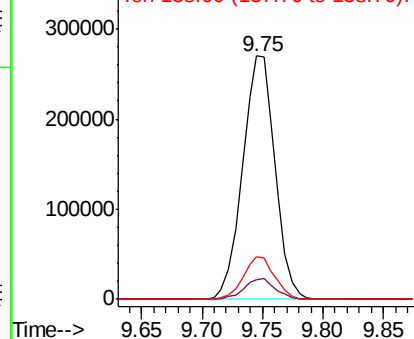
82 100

95 8.0 6.0 9.0

138 17.4 12.7 19.1



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: 50.943 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

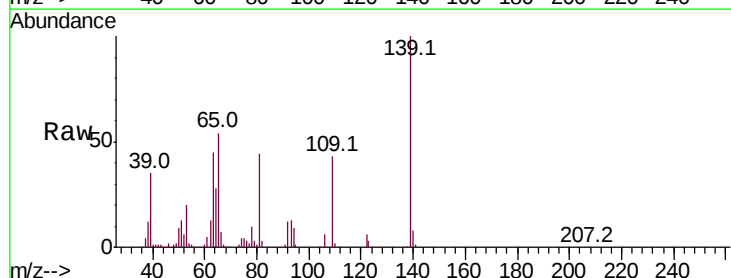
Tgt Ion: 139 Resp: 120246

Ion Ratio Lower Upper

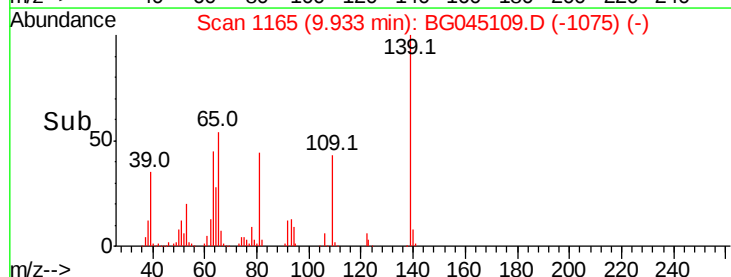
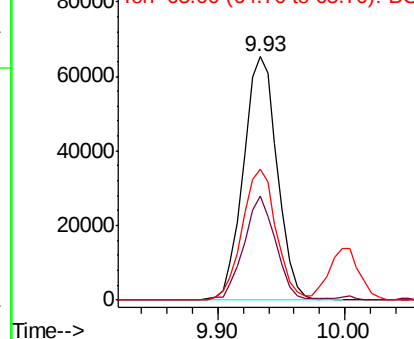
139 100

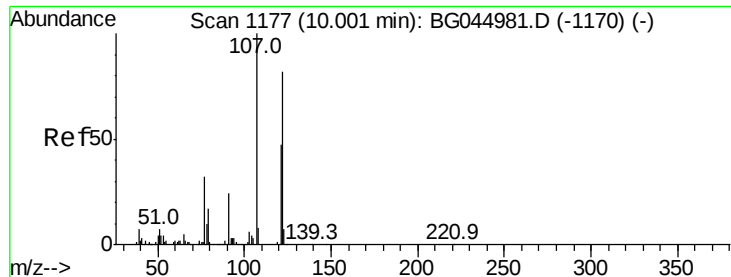
109 42.6 30.6 45.8

65 53.9 41.8 62.6



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

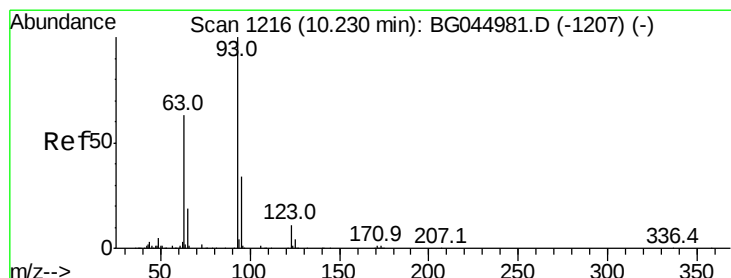
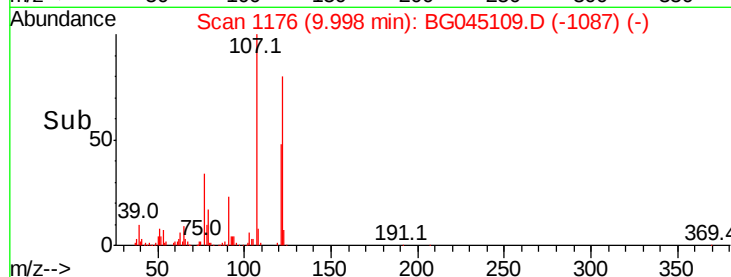
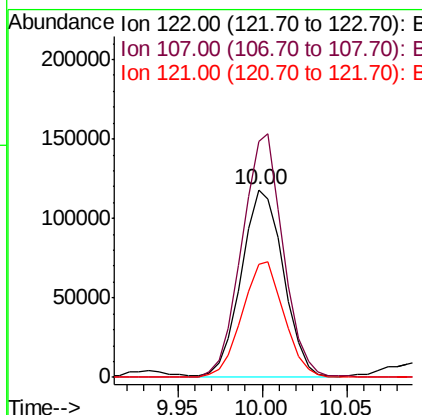
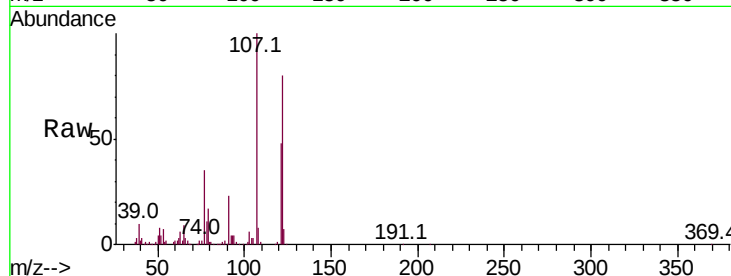




#27  
 2,4-Dimethylphenol  
 Concen: 54.754 ng  
 RT: 10.00 min Scan# 1176  
 Delta R.T. -0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

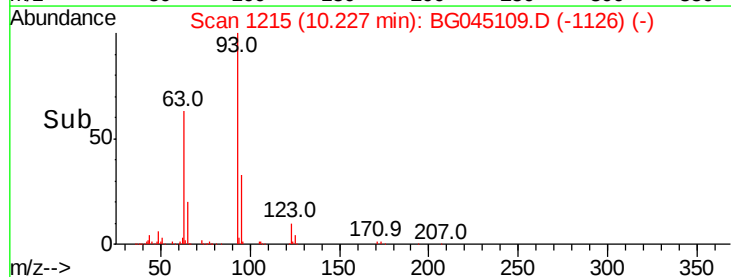
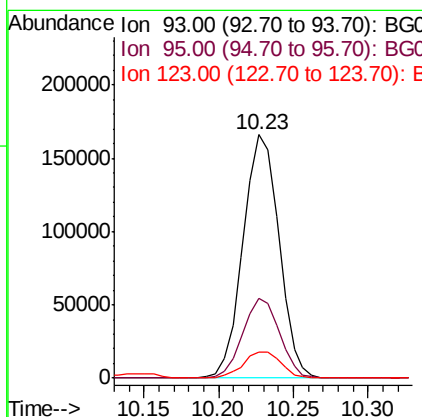
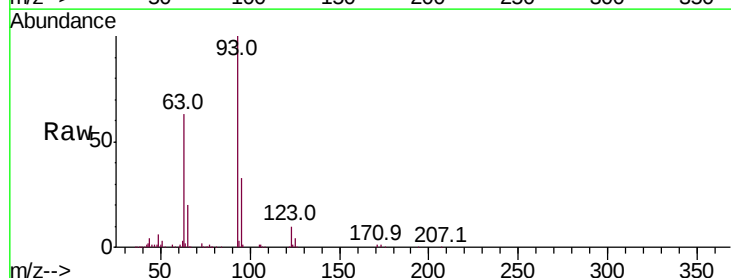
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

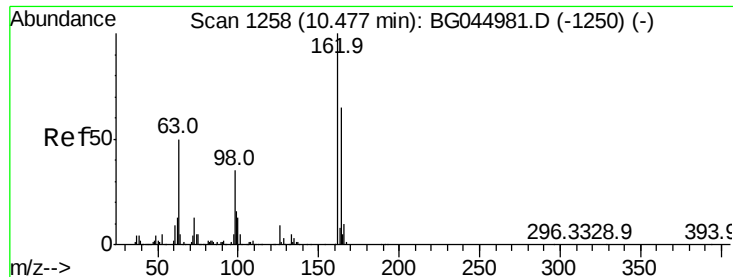
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 125.6 | 96.8  | 145.2 |
| 121     | 59.9  | 45.6  | 68.4  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 48.244 ng  
 RT: 10.23 min Scan# 1215  
 Delta R.T. -0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 27.0  | 40.4  |
| 123     | 10.4  | 8.7   | 13.1  |





#29

2,4-Dichlorophenol

Concen: 54.419 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

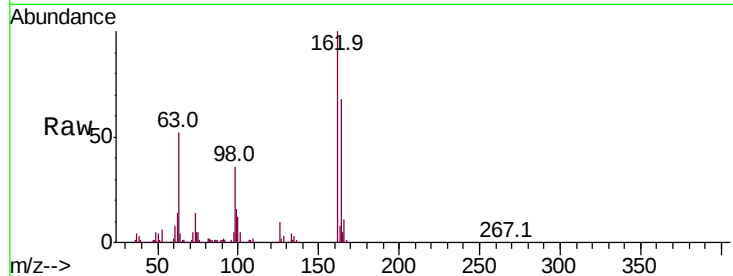
Tot Ion:162 Resp: 235342

Ion Ratio Lower Upper

162 100

164 68.3 45.0 85.0

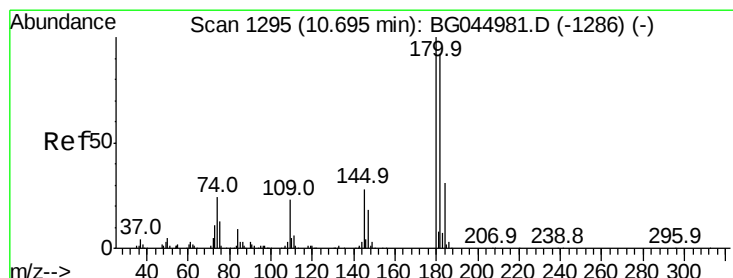
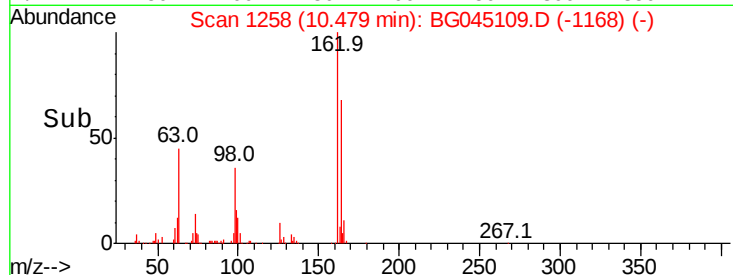
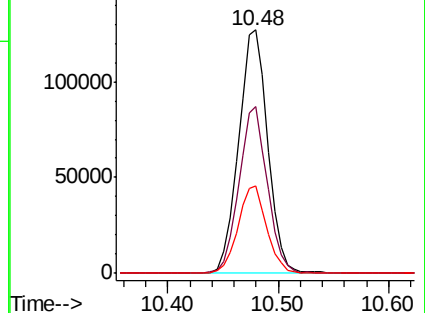
98 35.7 15.2 55.2



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 46.436 ng

RT: 10.69 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

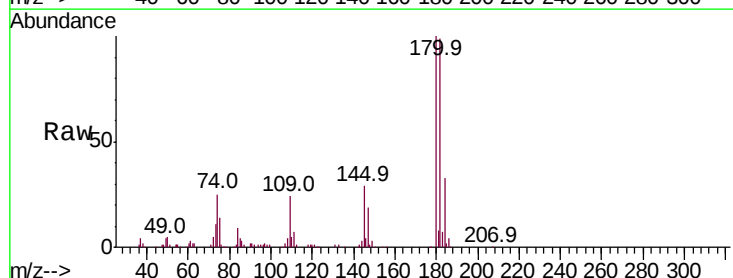
Tgt Ion:180 Resp: 227370

Ion Ratio Lower Upper

180 100

182 98.9 73.3 109.9

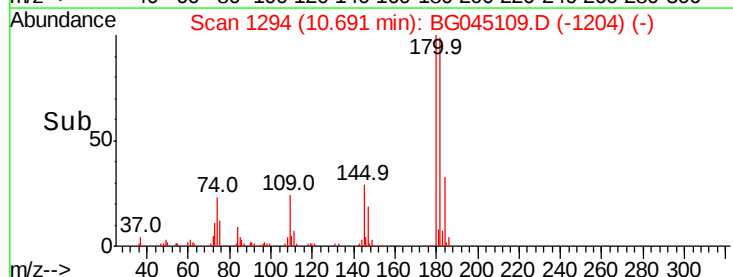
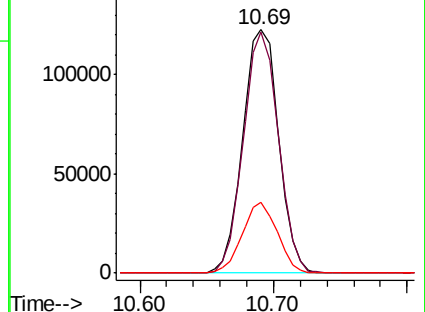
145 29.0 22.6 33.8

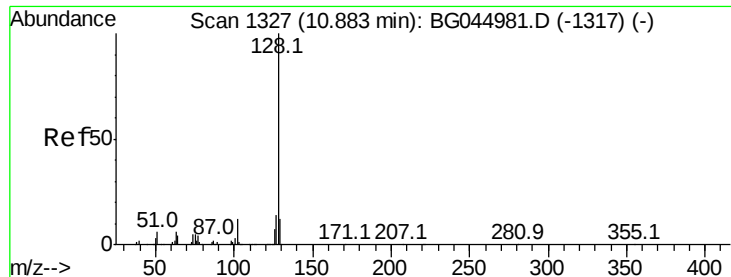


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

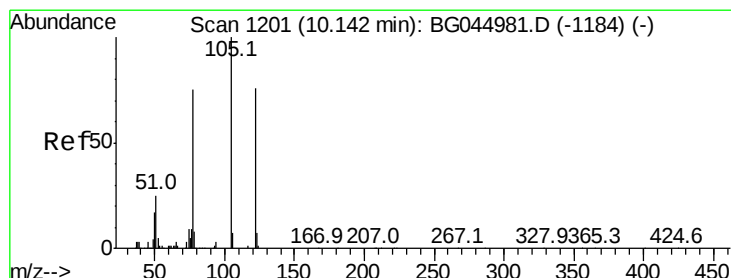
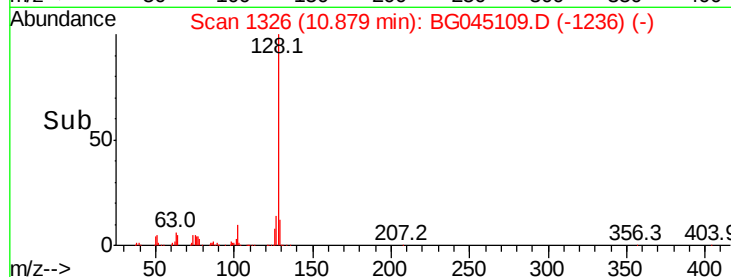
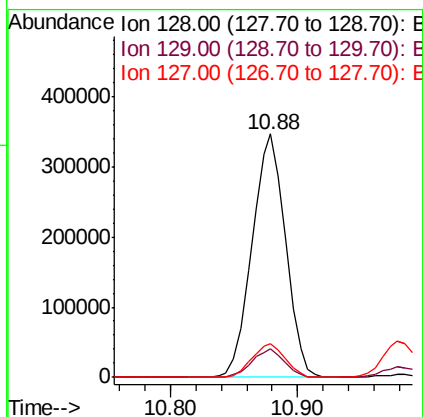
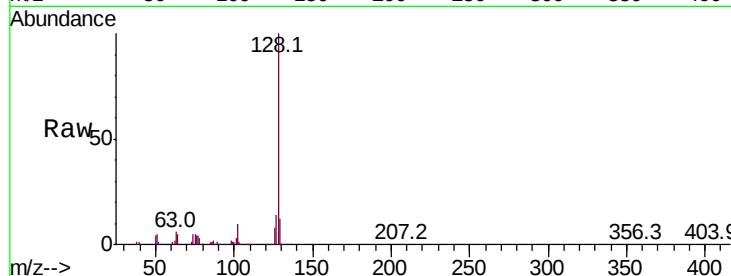




#31  
Naphthalene  
Concen: 47.628 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. 0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

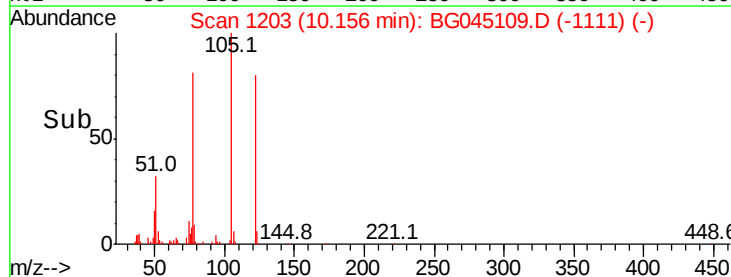
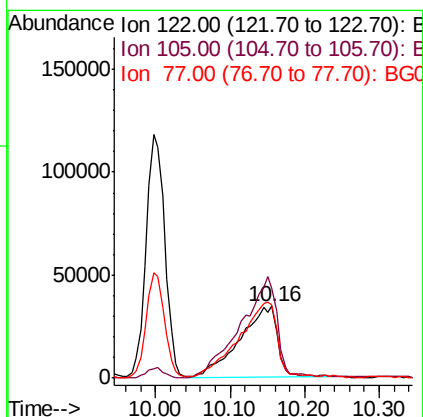
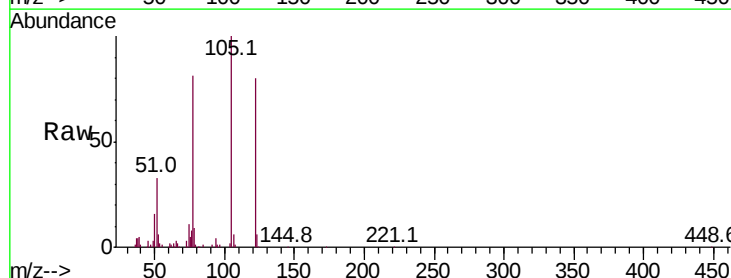
Instrument :  
BNA\_G  
ClientSampleId :  
PB128352BS

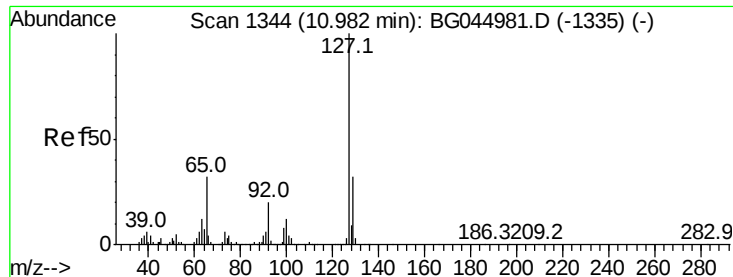
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 9.4   | 14.2  |
| 127     | 13.9  | 10.8  | 16.2  |



#32  
Benzoic acid  
Concen: 41.752 ng  
RT: 10.16 min Scan# 1203  
Delta R.T. 0.01 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 125.6 | 108.4 | 148.4 |
| 77      | 101.9 | 78.8  | 118.8 |

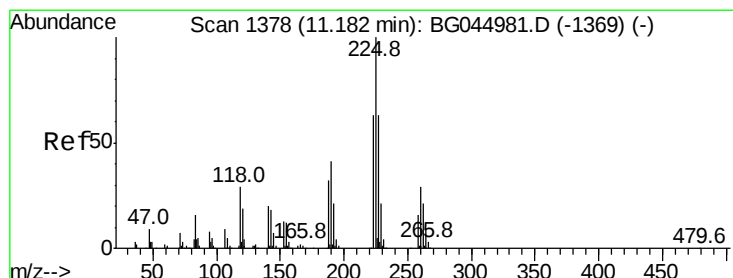
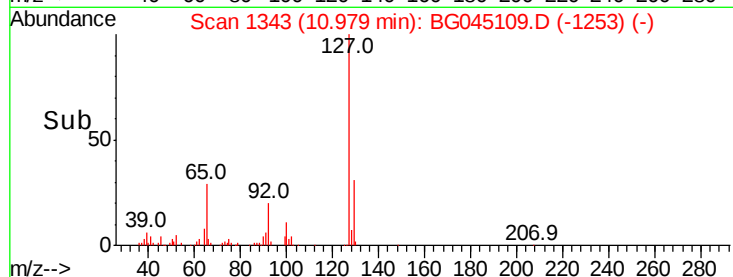
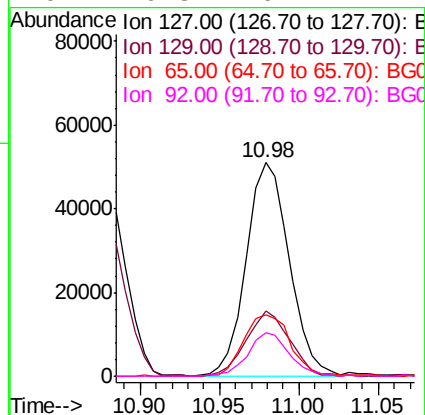
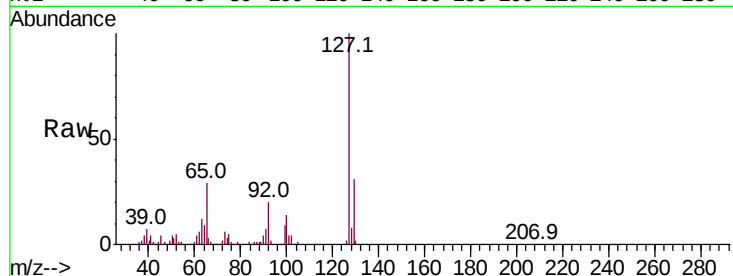




#33  
 4-Chloroaniline  
 Concen: 15.498 ng  
 RT: 10.98 min Scan# 1343  
 Delta R.T. 0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

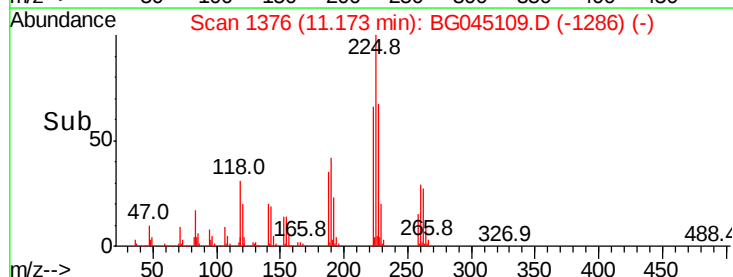
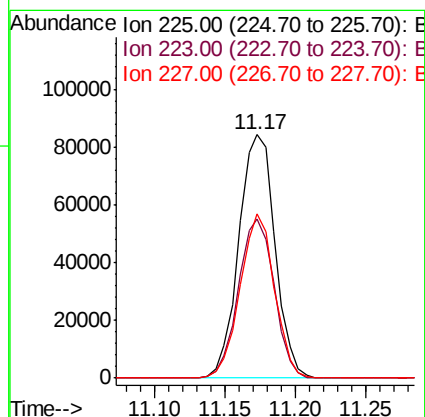
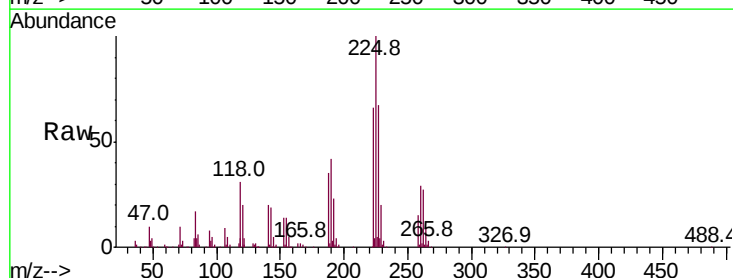
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 96450 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.5  | 25.7  | 38.5  |
| 65       | 28.8  | 25.4  | 38.2  |
| 92       | 20.3  | 16.1  | 24.1  |



#34  
 Hexachlorobutadiene  
 Concen: 45.098 ng  
 RT: 11.17 min Scan# 1376  
 Delta R.T. 0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 151397 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.6  | 50.7  | 76.1   |
| 227      | 67.3  | 50.2  | 75.2   |

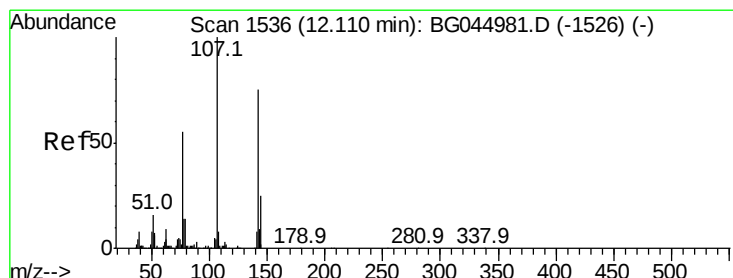
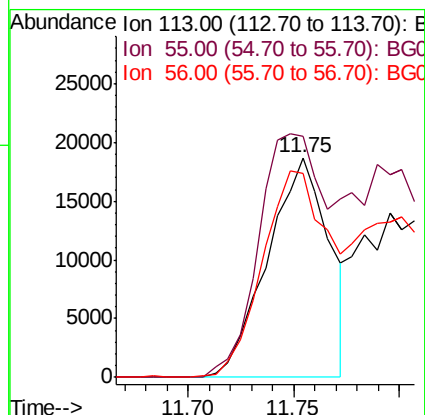
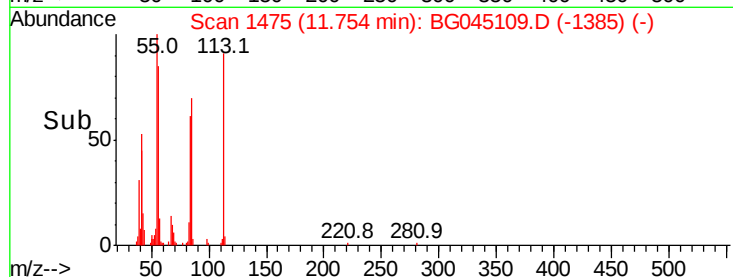
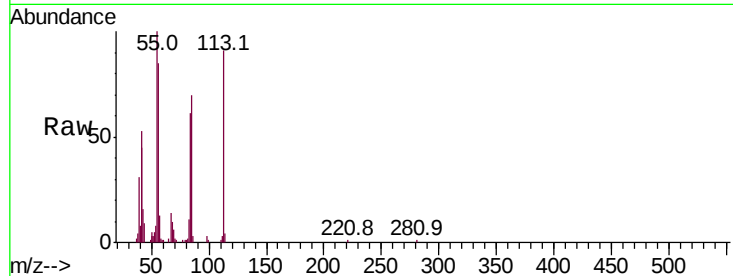




#35  
 Caprolactam  
 Concen: 21.955 ng  
 RT: 11.75 min Scan# 1475  
 Delta R.T. 0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

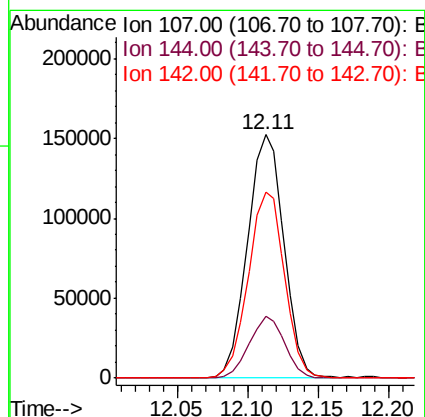
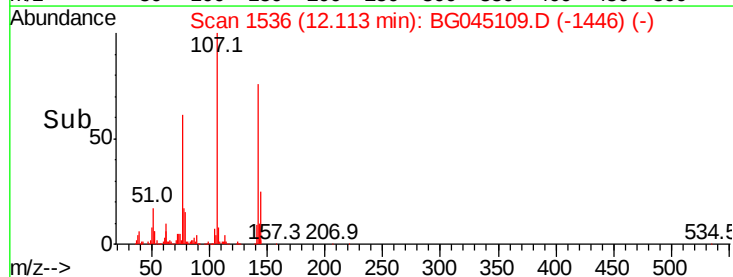
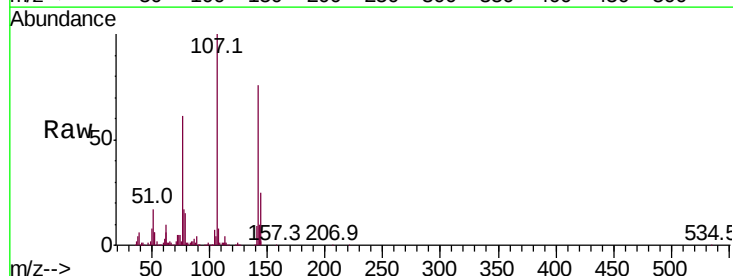
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

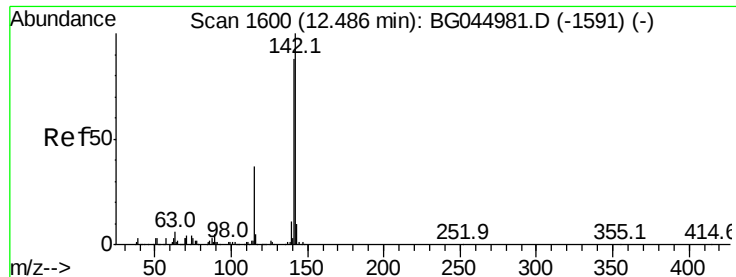
Tot Ion:113 Resp: 37788  
 Ion Ratio Lower Upper  
 113 100  
 55 109.9 118.8 158.8#  
 56 93.1 82.6 122.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 54.273 ng  
 RT: 12.11 min Scan# 1536  
 Delta R.T. 0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

Tgt Ion:107 Resp: 275724  
 Ion Ratio Lower Upper  
 107 100  
 144 25.5 19.8 29.6  
 142 76.3 59.7 89.5

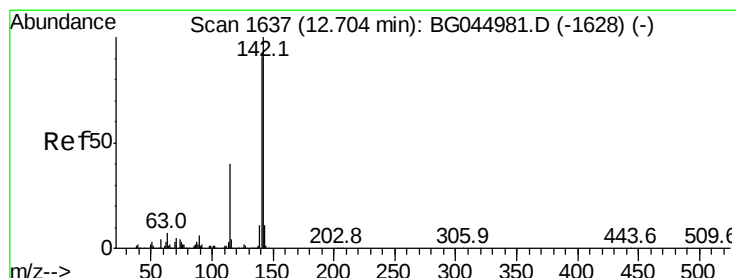
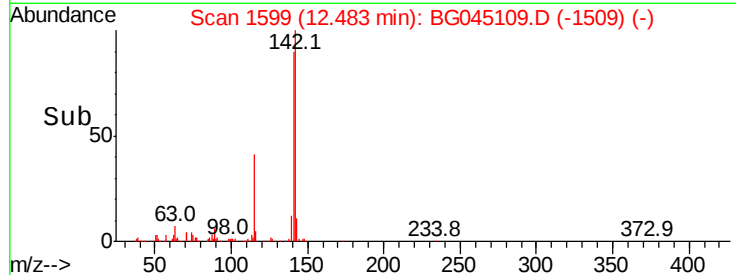
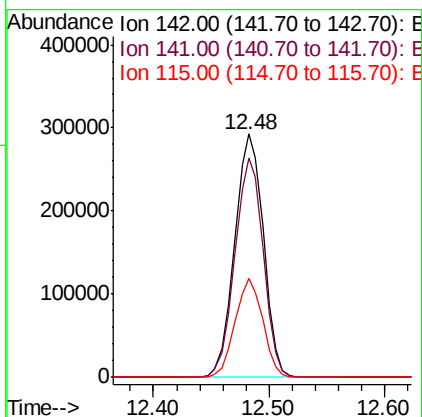
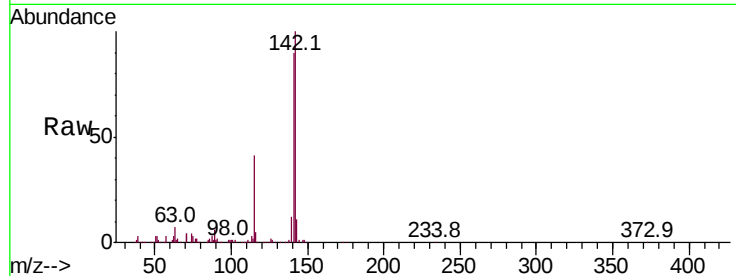




#37  
2-Methylnaphthalene  
Concen: 48.592 ng  
RT: 12.48 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

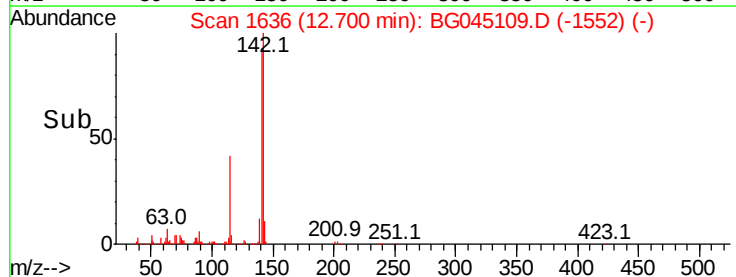
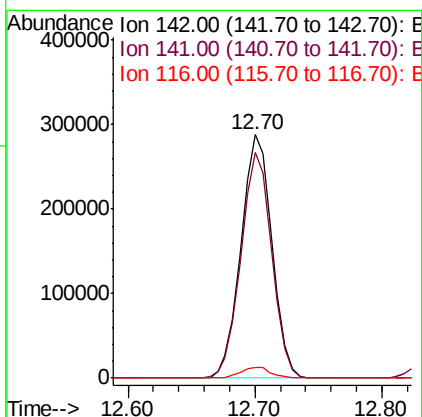
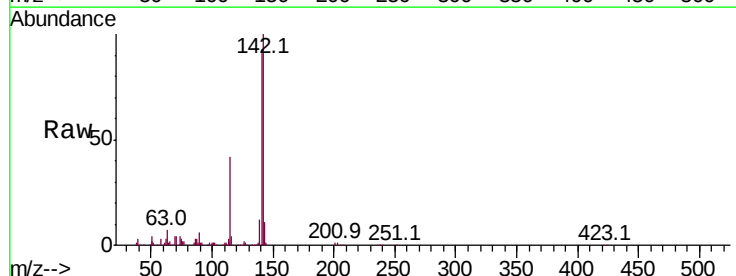
Instrument :  
BNA\_G  
ClientSampleId :  
PB128352BS

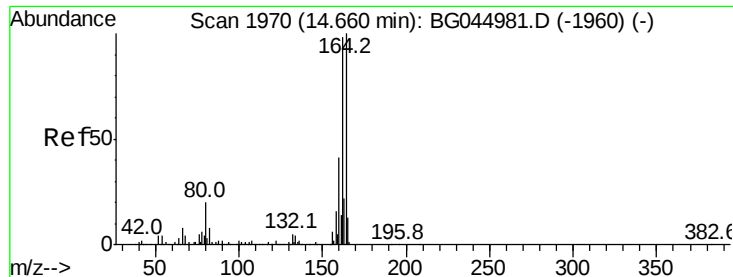
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 70.3  | 105.5 |
| 115     | 40.9  | 29.8  | 44.6  |



#38  
1-Methylnaphthalene  
Concen: 49.879 ng  
RT: 12.70 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.9  | 72.7  | 109.1 |
| 116     | 4.1   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

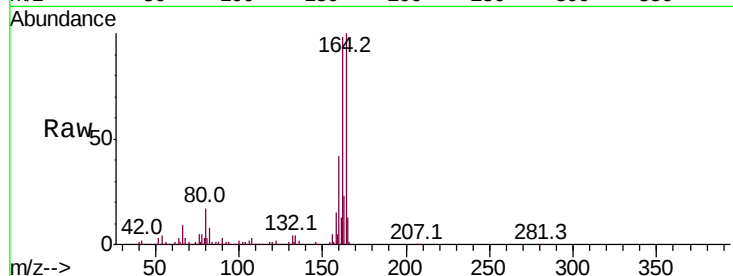
BNA\_G

ClientSampleId :

PB128352BS

Tot Ion:164 Resp: 200193

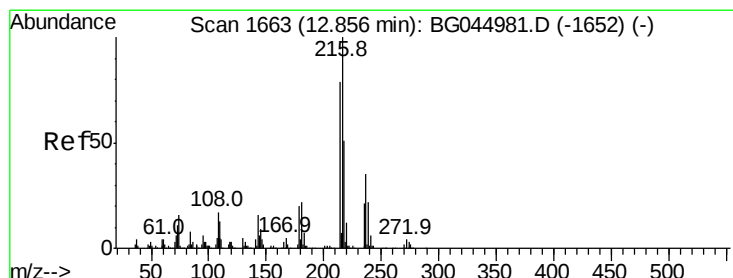
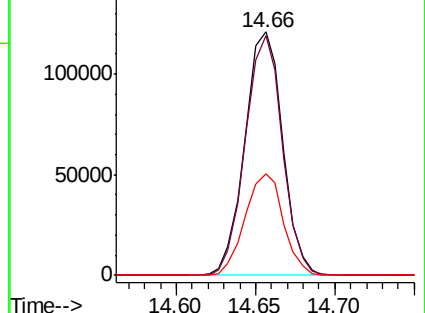
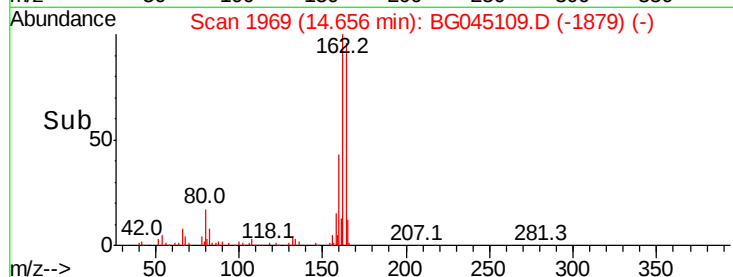
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 98.4  | 78.7  | 118.1 |
| 160 | 41.9  | 32.8  | 49.2  |



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: 43.520 ng

RT: 12.85 min Scan# 1662

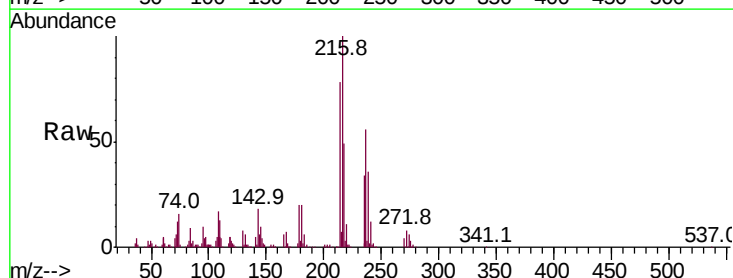
Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:216 Resp: 280518

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.7  | 63.0  | 94.6  |
| 179 | 19.7  | 15.8  | 23.8  |
| 108 | 20.6  | 14.2  | 21.2  |

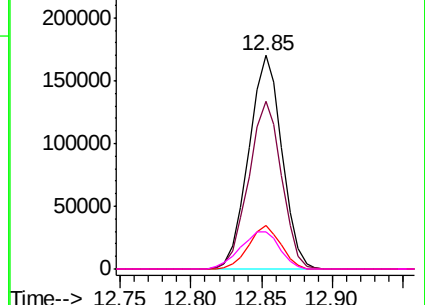
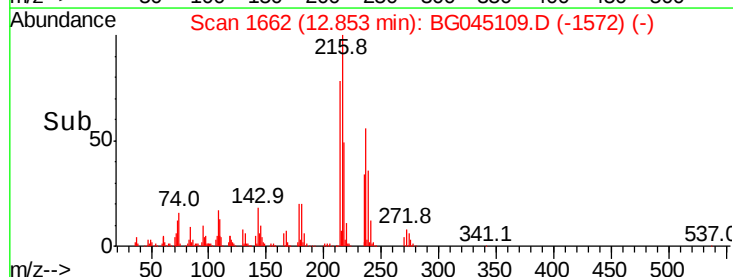


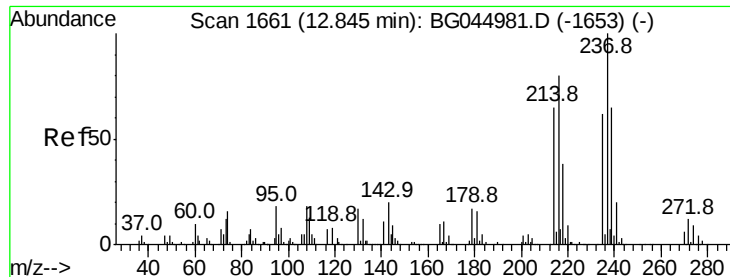
Abundance Ion 216.00 (215.70 to 216.70): E

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: 101.764 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

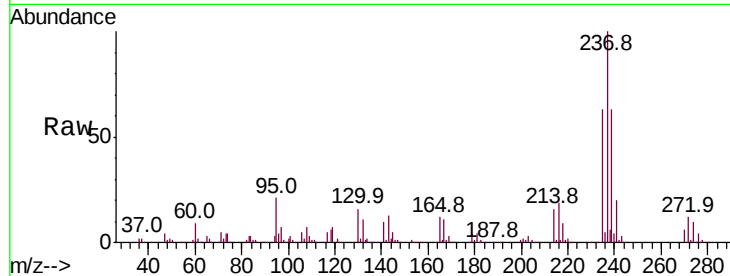
Tot Ion:237 Resp: 409973

Ion Ratio Lower Upper

237 100

235 63.0 41.6 81.6

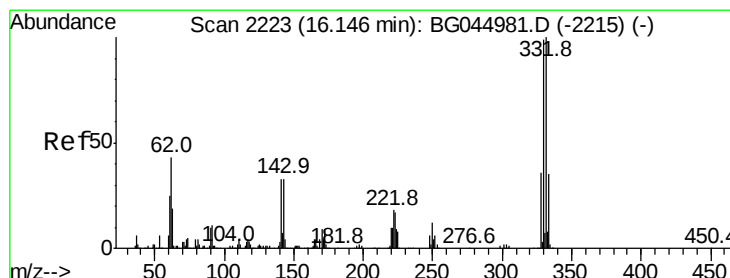
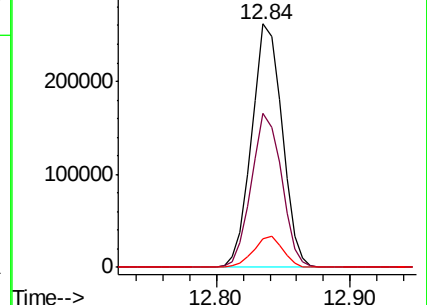
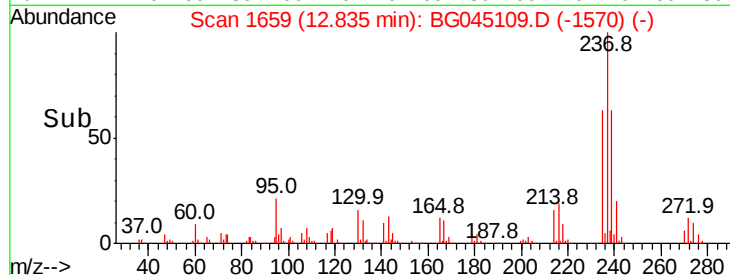
272 11.6 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.980 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

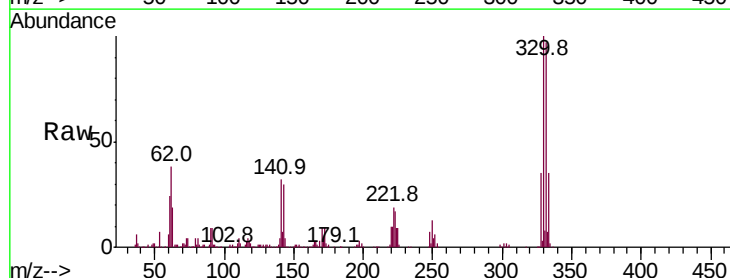
Tgt Ion:330 Resp: 420549

Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

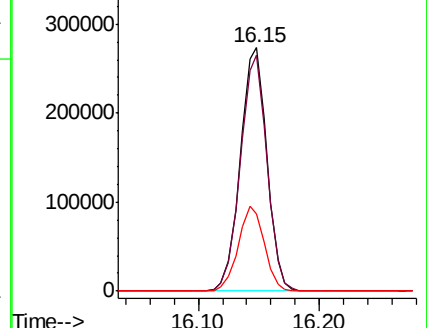
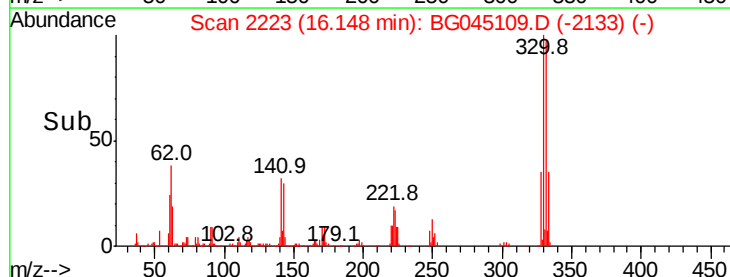
141 34.4 27.1 40.7

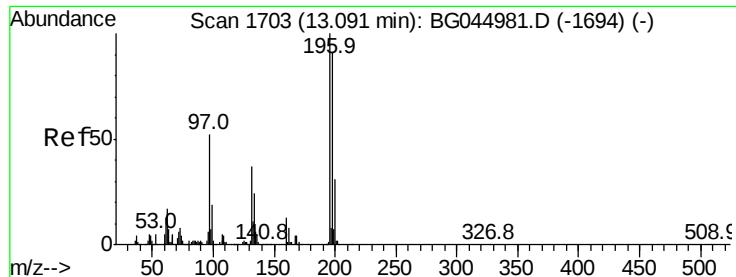


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

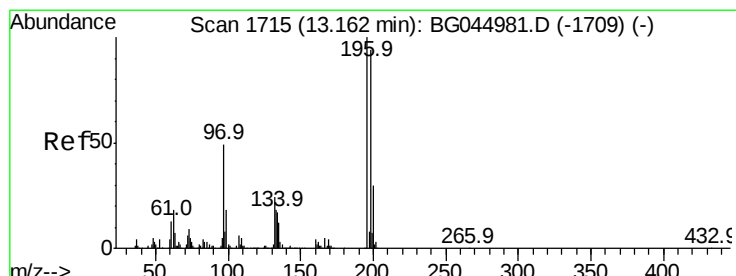
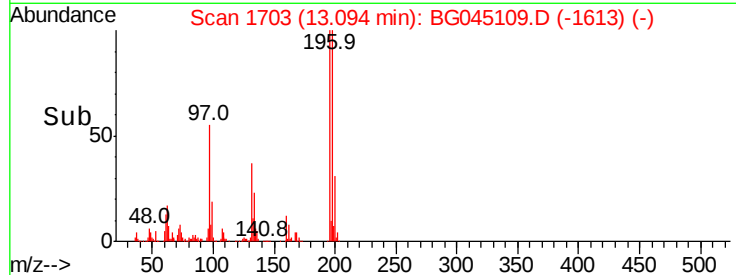
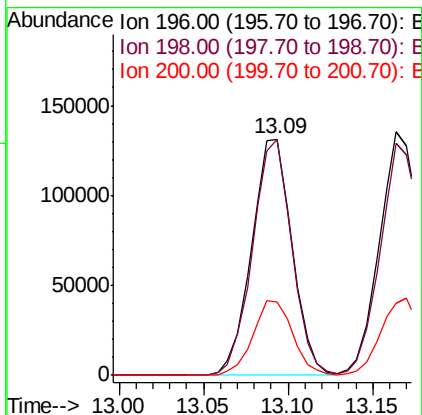
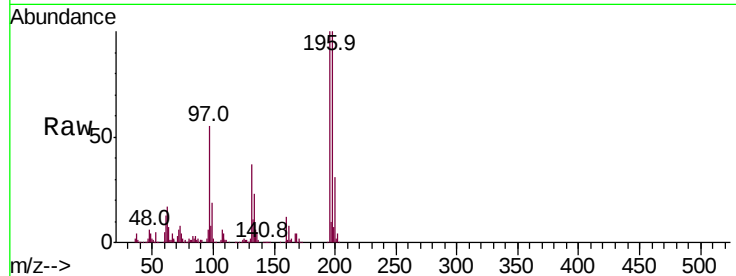




#43  
 2,4,6-Trichlorophenol  
 Concen: 47.923 ng  
 RT: 13.09 min Scan# 1703  
 Delta R.T. 0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

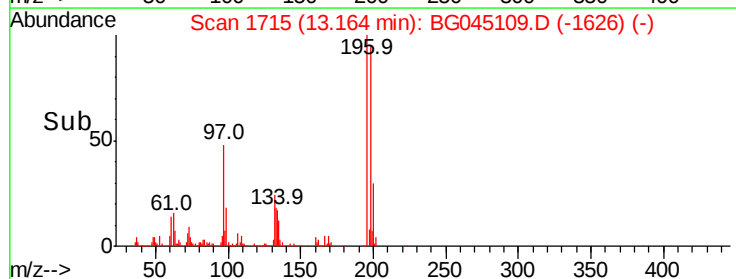
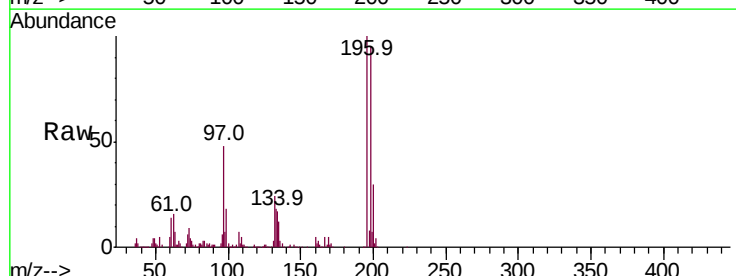
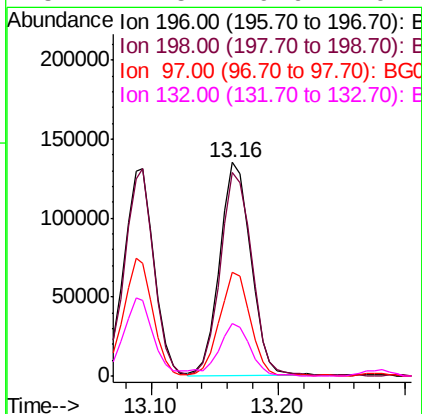
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

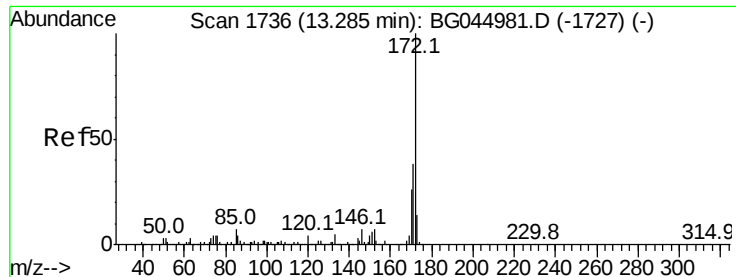
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 99.9  | 72.5  | 108.7 |
| 200     | 31.0  | 24.5  | 36.7  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.590 ng  
 RT: 13.16 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.4  | 75.7  | 113.5 |
| 97      | 48.4  | 39.6  | 59.4  |
| 132     | 24.5  | 19.6  | 29.4  |

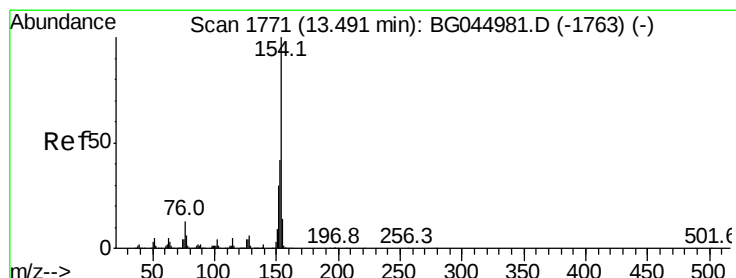
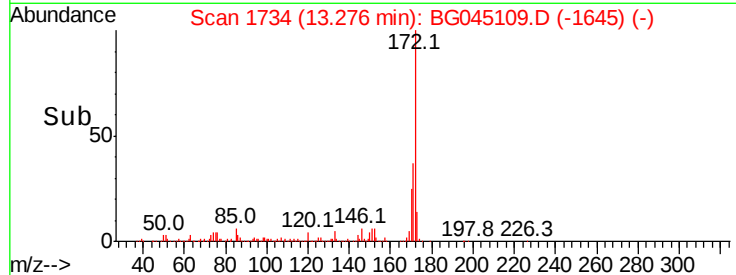
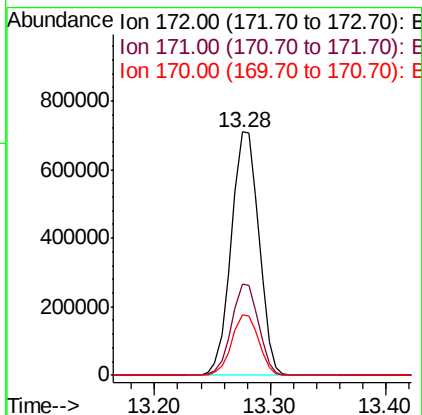
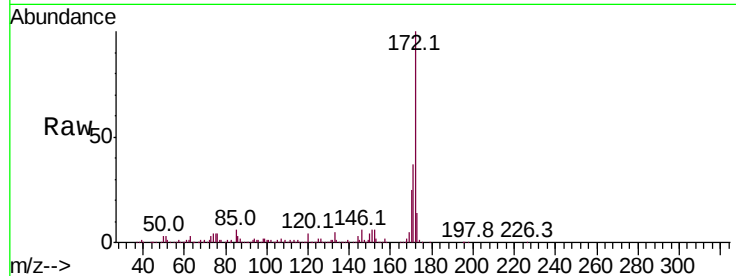




#45  
2-Fluorobiphenyl  
Concen: 86.201 ng  
RT: 13.28 min Scan# 1734  
Delta R.T. -0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

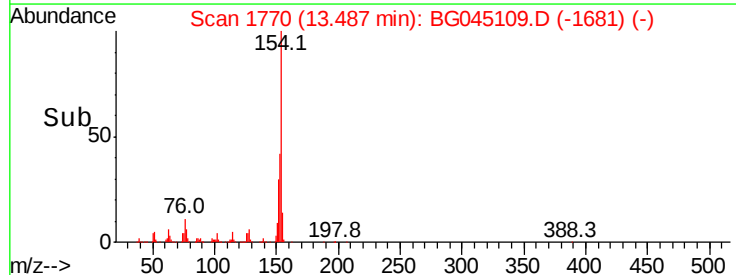
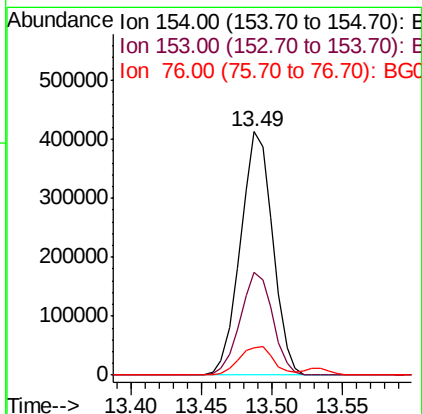
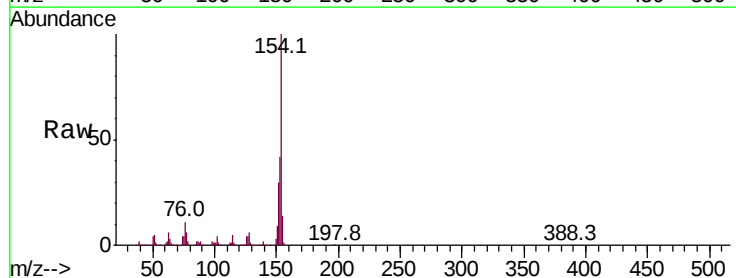
Instrument :  
BNA\_G  
ClientSampleId :  
PB128352BS

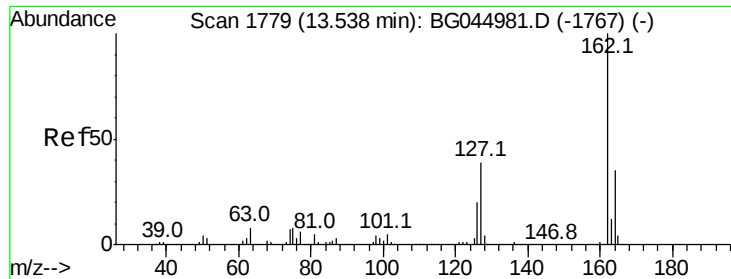
Tot Ion:172 Resp: 1176880  
Ion Ratio Lower Upper  
172 100  
171 37.3 30.6 46.0  
170 24.8 20.5 30.7



#46  
1,1'-Biphenyl  
Concen: 43.416 ng  
RT: 13.49 min Scan# 1770  
Delta R.T. -0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

Tgt Ion:154 Resp: 660623  
Ion Ratio Lower Upper  
154 100  
153 42.2 21.9 61.9  
76 11.4 0.0 33.1

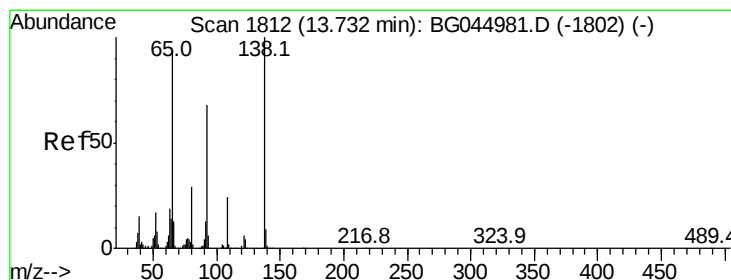
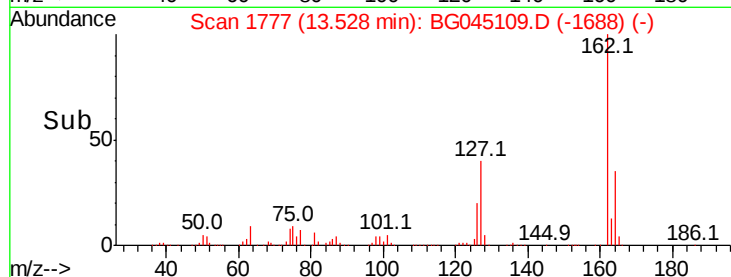
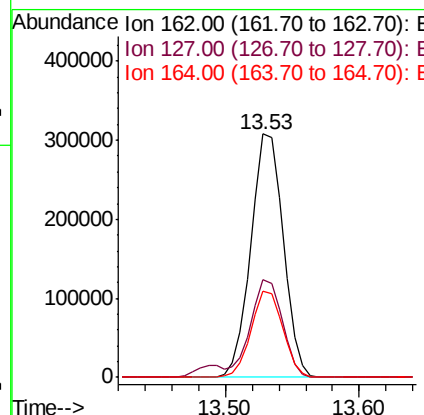
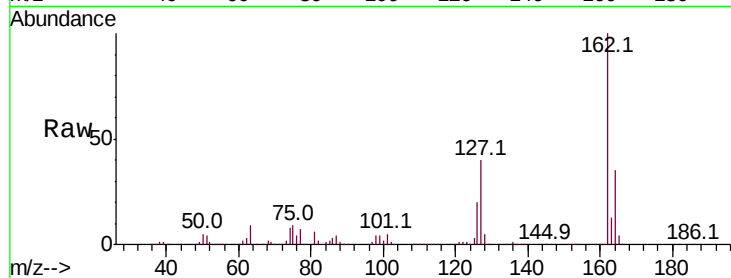




#47  
 2-Chloronaphthalene  
 Concen: 44.323 ng  
 RT: 13.53 min Scan# 1777  
 Delta R.T. -0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

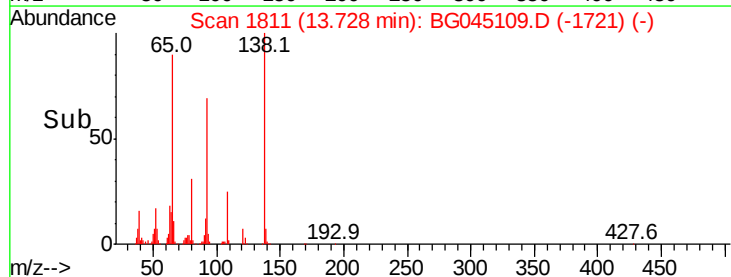
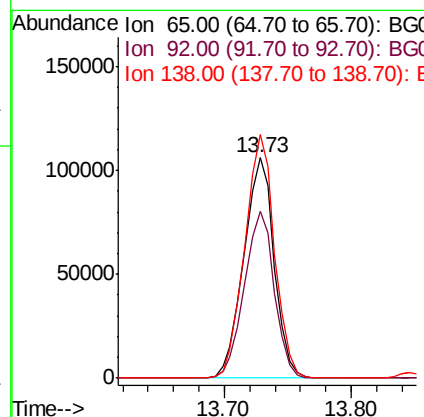
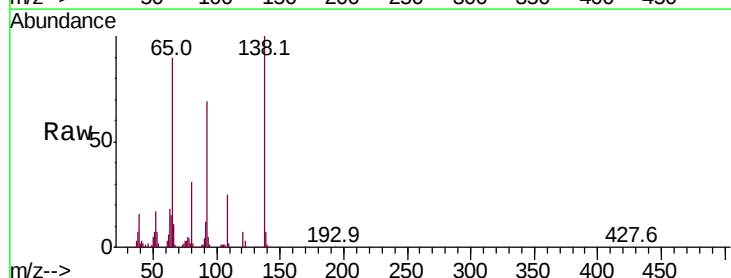
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

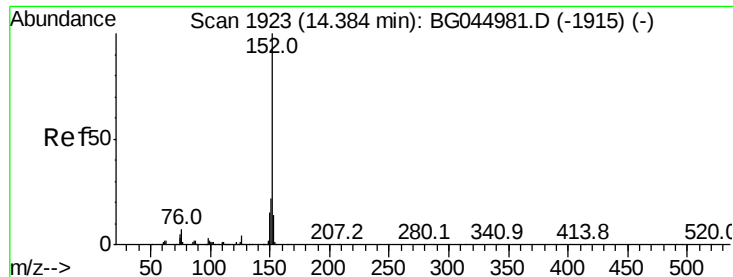
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.0  | 31.3  | 46.9  |
| 164     | 35.1  | 27.8  | 41.8  |



#48  
 2-Nitroaniline  
 Concen: 46.031 ng  
 RT: 13.73 min Scan# 1811  
 Delta R.T. 0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 75.9  | 58.3  | 87.5  |
| 138     | 110.6 | 85.6  | 128.4 |





#49

Acenaphthylene

Concen: 46.233 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

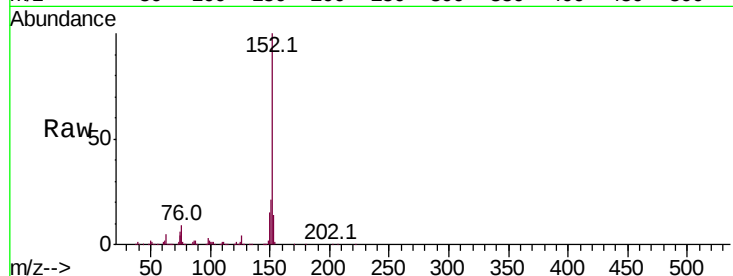
Tot Ion:152 Resp: 875561

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

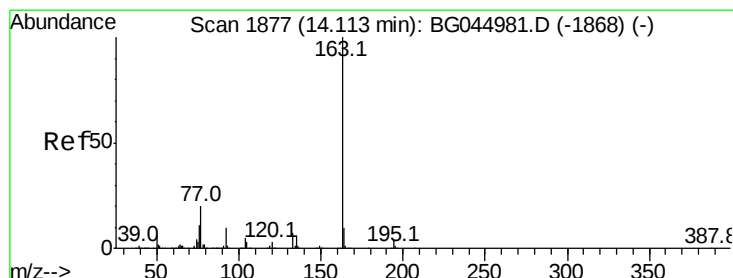
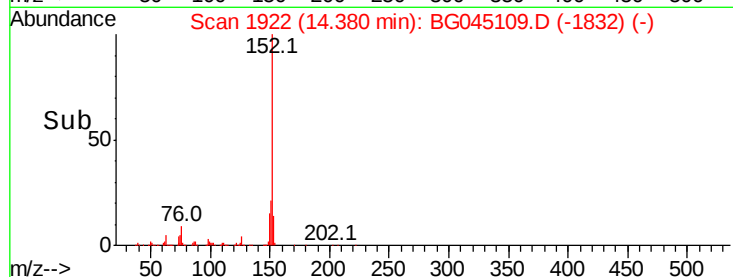
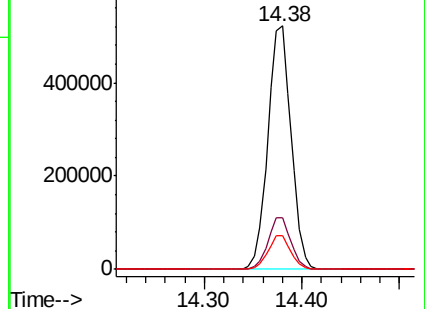
153 13.9 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.696 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

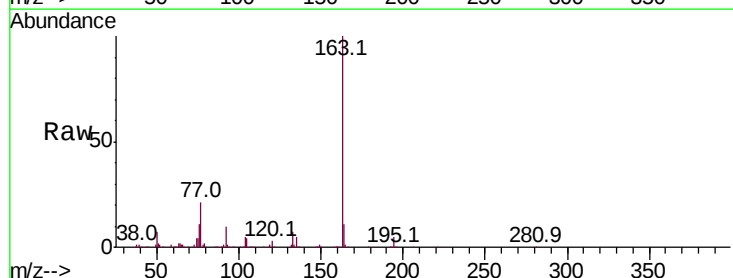
Tgt Ion:163 Resp: 744873

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

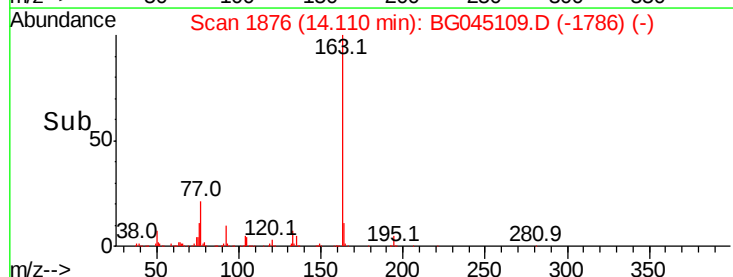
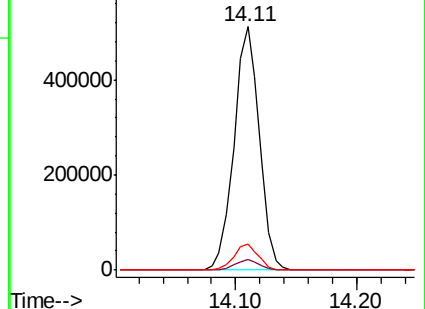
164 10.8 8.2 12.4

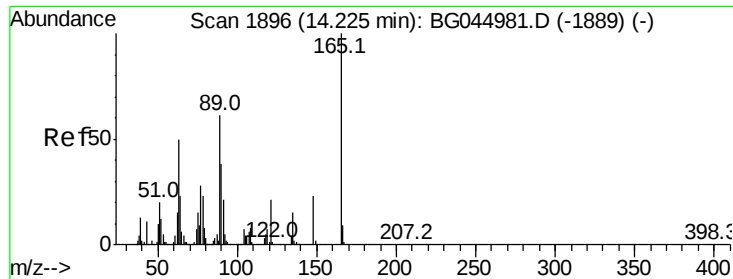


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

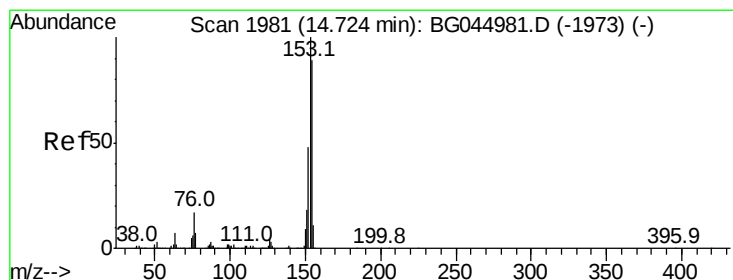
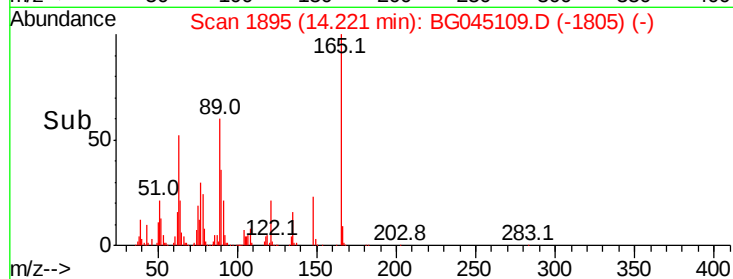
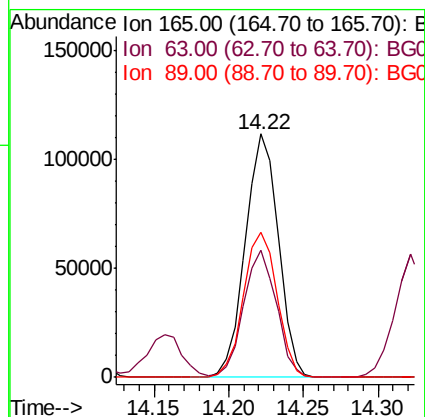
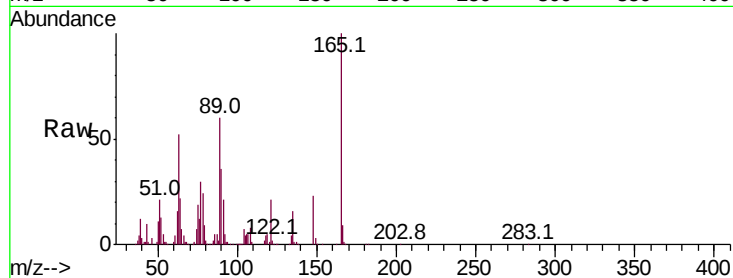




#51  
 2,6-Dinitrotoluene  
 Concen: 46.965 ng  
 RT: 14.22 min Scan# 1895  
 Delta R.T. 0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

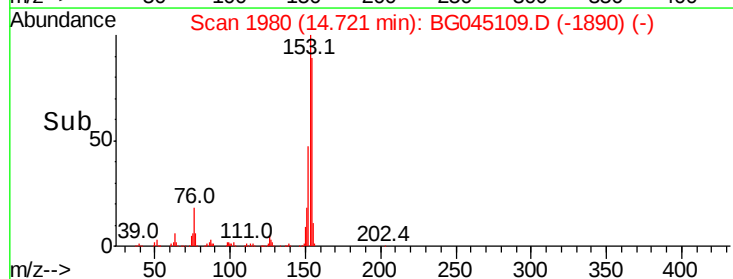
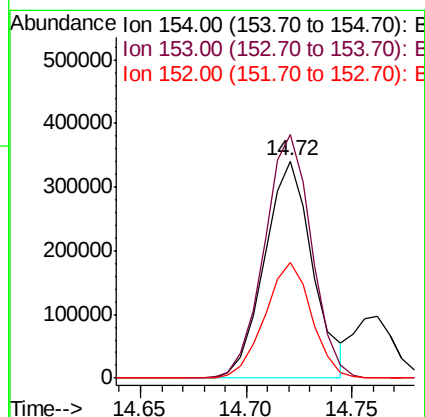
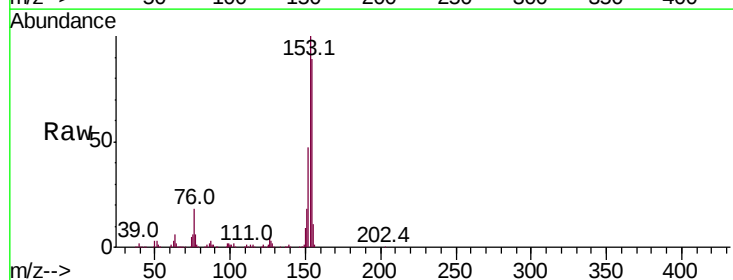
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

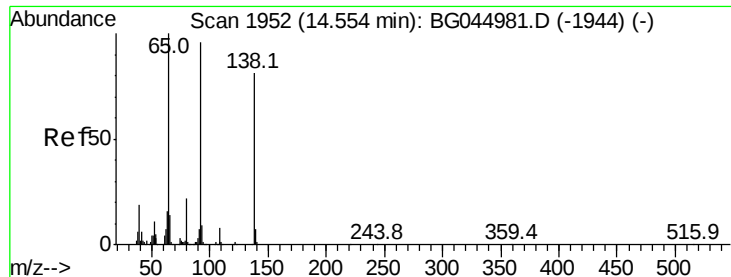
Tot Ion:165 Resp: 171234  
 Ion Ratio Lower Upper  
 165 100  
 63 52.5 40.4 60.6  
 89 59.7 49.1 73.7



#52  
 Acenaphthene  
 Concen: 42.021 ng  
 RT: 14.72 min Scan# 1980  
 Delta R.T. 0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

Tgt Ion:154 Resp: 538437  
 Ion Ratio Lower Upper  
 154 100  
 153 112.3 89.7 134.5  
 152 53.2 43.1 64.7

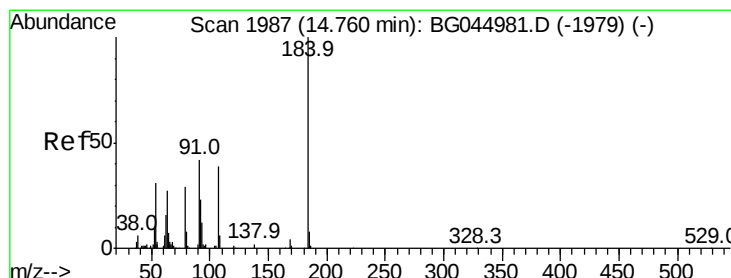
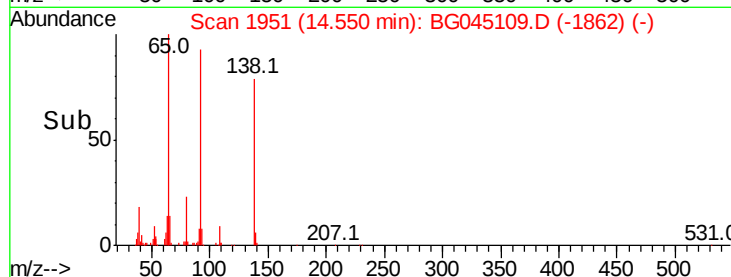
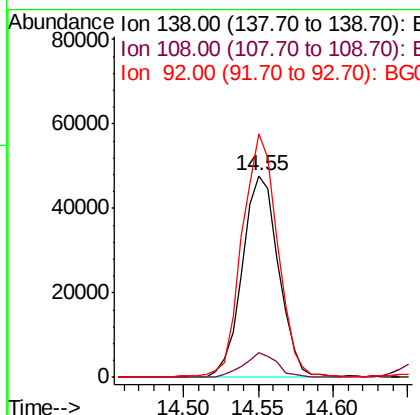
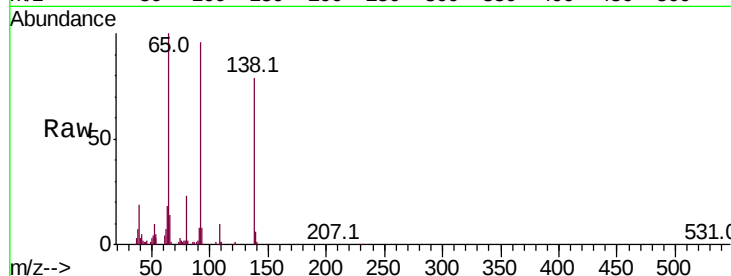




#53  
3-Nitroaniline  
Concen: 20.106 ng  
RT: 14.55 min Scan# 1951  
Delta R.T. -0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

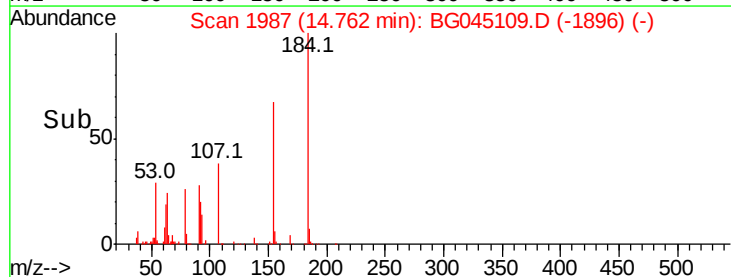
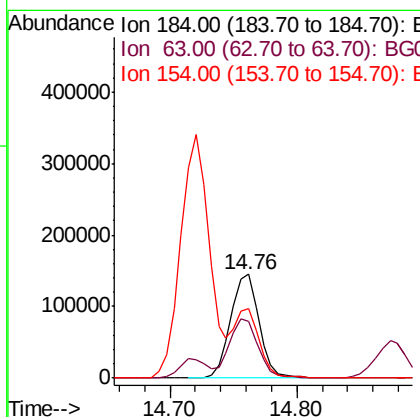
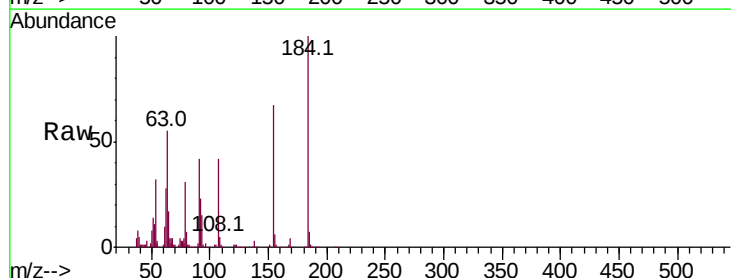
Instrument :  
BNA\_G  
ClientSampleId :  
PB128352BS

Tot Ion:138 Resp: 80399  
Ion Ratio Lower Upper  
138 100  
108 12.2 7.8 11.8#  
92 120.8 94.5 141.7



#54  
2,4-Dinitrophenol  
Concen: 103.942 ng  
RT: 14.76 min Scan# 1987  
Delta R.T. 0.01 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

Tgt Ion:184 Resp: 225347  
Ion Ratio Lower Upper  
184 100  
63 55.2 41.5 62.3  
154 66.9 52.3 78.5





#55

Dibenzofuran

Concen: 45.559 ng

RT: 15.06 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

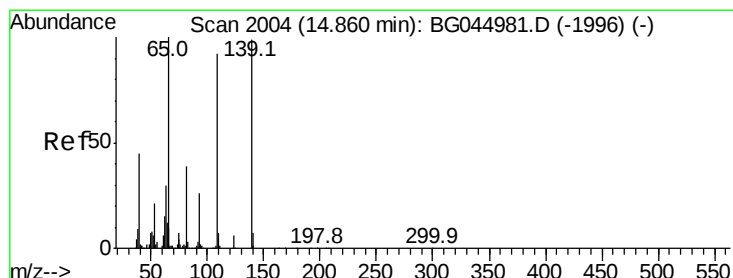
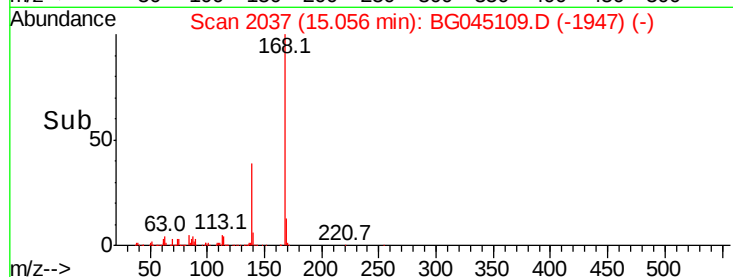
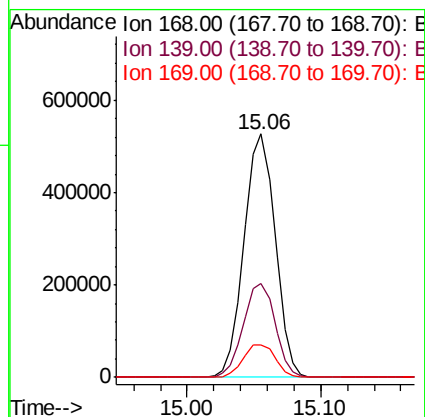
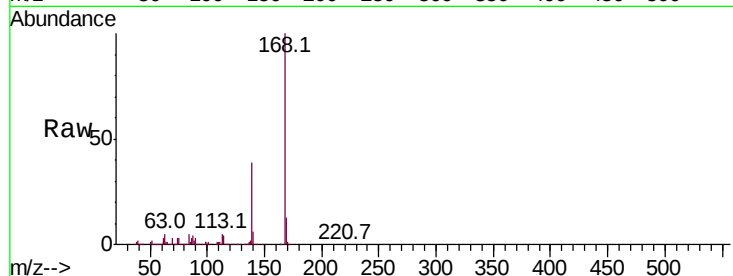
BNA\_G

ClientSampleId :

PB128352BS

Tot Ion:168 Resp: 851081

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 38.8  | 30.4  | 45.6  |
| 169 | 13.2  | 11.0  | 16.4  |



#56

4-Nitrophenol

Concen: 89.257 ng

RT: 14.88 min Scan# 2007

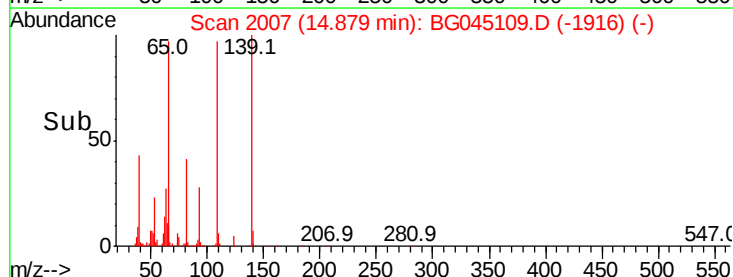
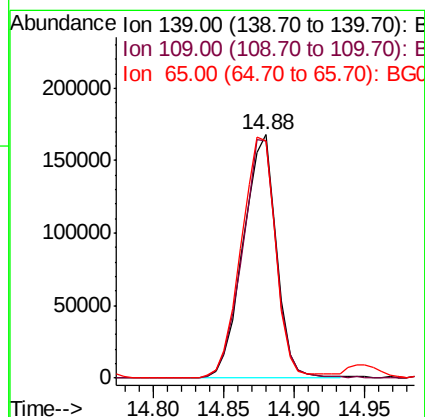
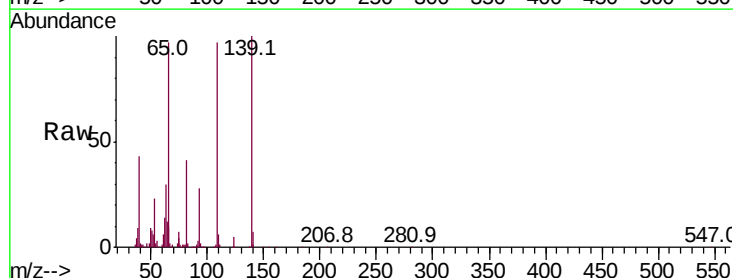
Delta R.T. 0.01 min

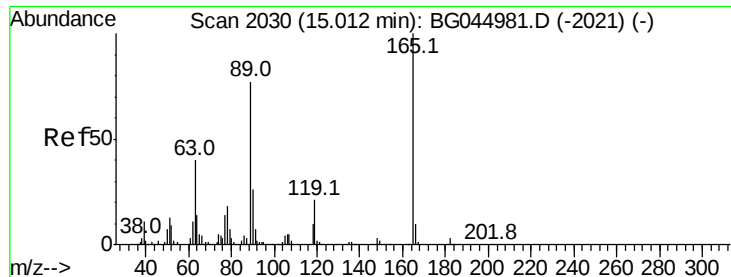
Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:139 Resp: 276741

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 97.4  | 73.6  | 113.6 |
| 65  | 97.5  | 81.2  | 121.2 |

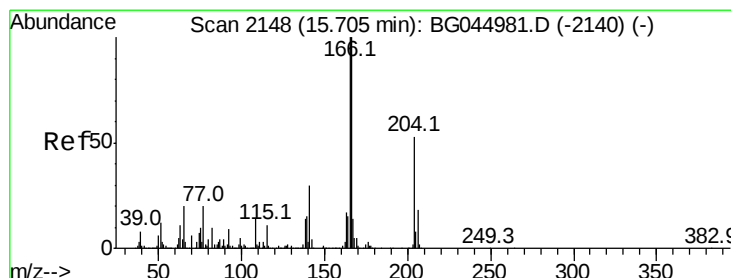
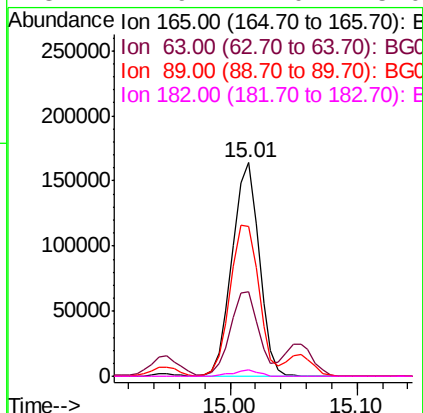
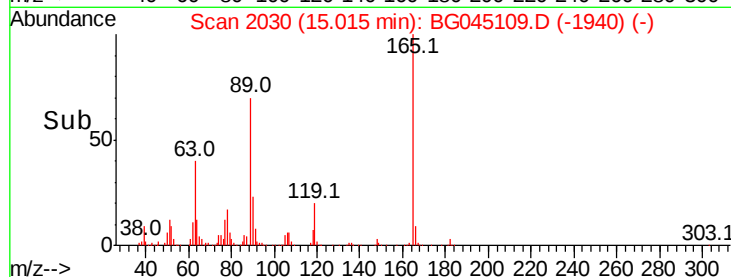
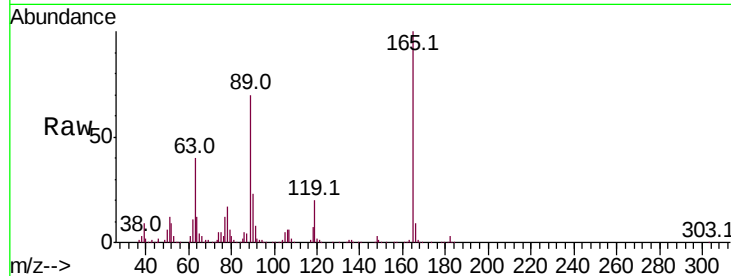




#57  
 2,4-Dinitrotoluene  
 Concen: 45.458 ng  
 RT: 15.01 min Scan# 2030  
 Delta R.T. 0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

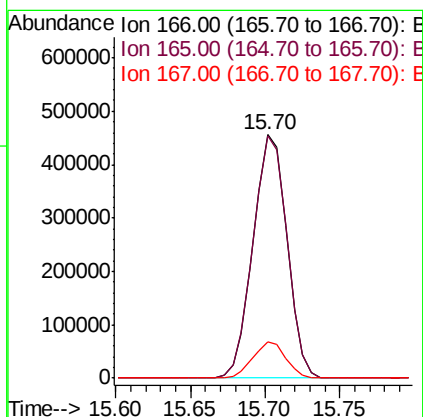
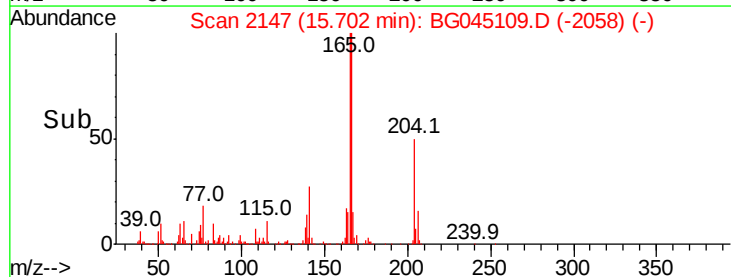
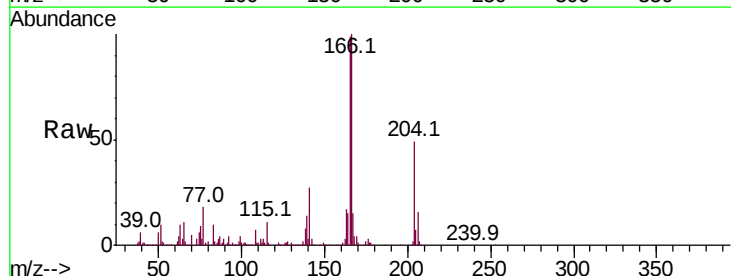
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

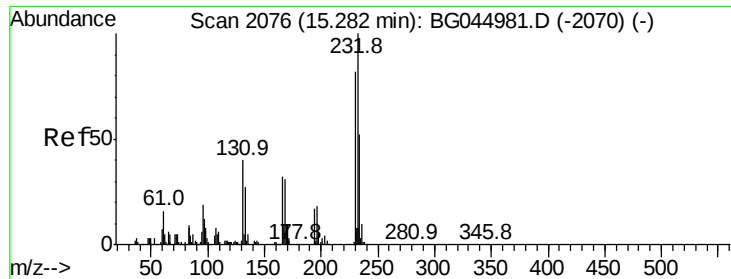
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.5  | 32.2  | 48.2  |
| 89      | 70.2  | 61.7  | 92.5  |
| 182     | 2.9   | 2.0   | 3.0   |



#58  
 Fluorene  
 Concen: 46.841 ng  
 RT: 15.70 min Scan# 2147  
 Delta R.T. -0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.4  | 79.9  | 119.9 |
| 167     | 14.8  | 11.4  | 17.0  |

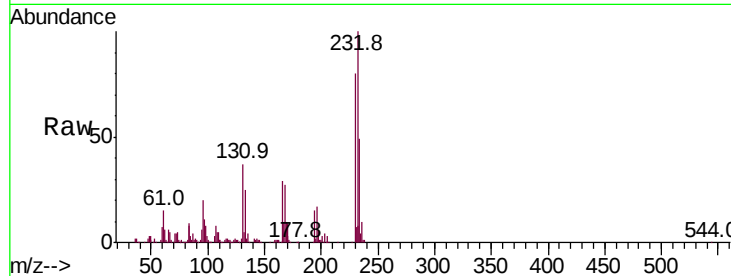




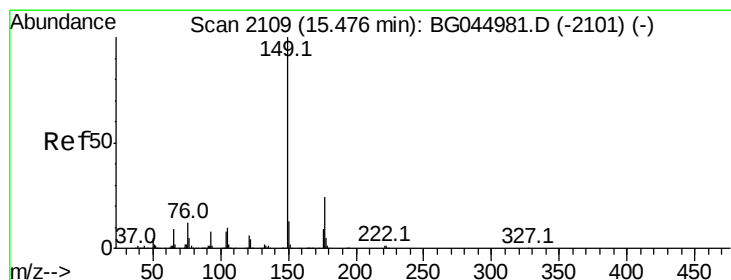
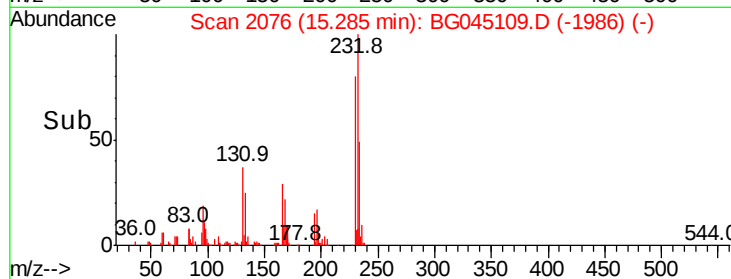
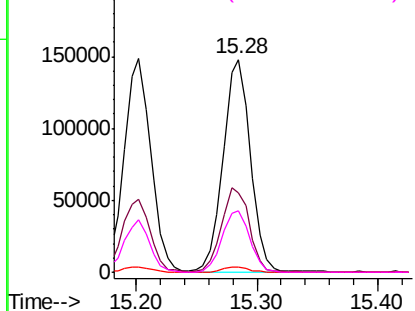
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.329 ng  
RT: 15.28 min Scan# 2076  
Delta R.T. 0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB128352BS

|             |       |        |       |
|-------------|-------|--------|-------|
| Tot Ion:232 | Resp: | 231883 |       |
| Ion         | Ratio | Lower  | Upper |
| 232         | 100   |        |       |
| 131         | 40.5  | 32.2   | 48.2  |
| 130         | 2.3   | 2.2    | 3.2   |
| 166         | 29.3  | 24.2   | 36.4  |

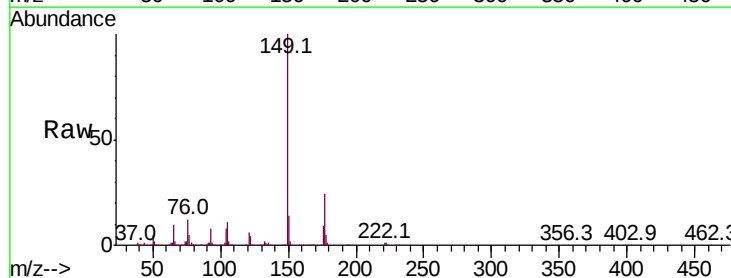


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

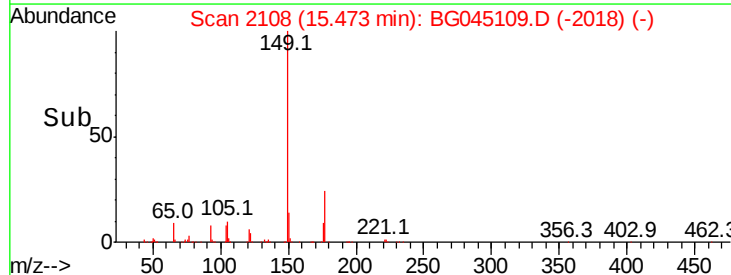
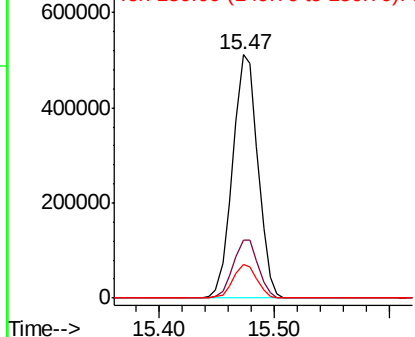


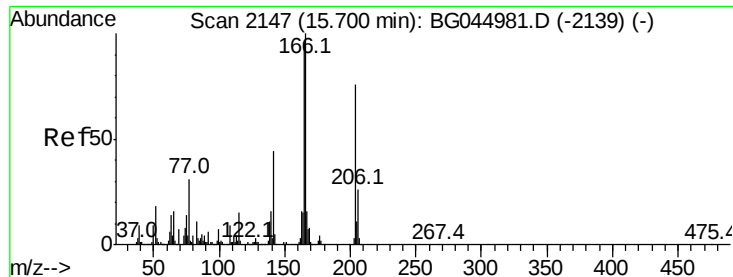
#60  
Diethylphthalate  
Concen: 45.530 ng  
RT: 15.47 min Scan# 2108  
Delta R.T. 0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

|         |      |             |              |
|---------|------|-------------|--------------|
| Tgt Ion | 149  | Resp: Lower | 773784 Upper |
| 149     | 100  |             |              |
| 177     | 23.6 | 18.9        | 28.3         |
| 150     | 13.7 | 10.6        | 15.8         |



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

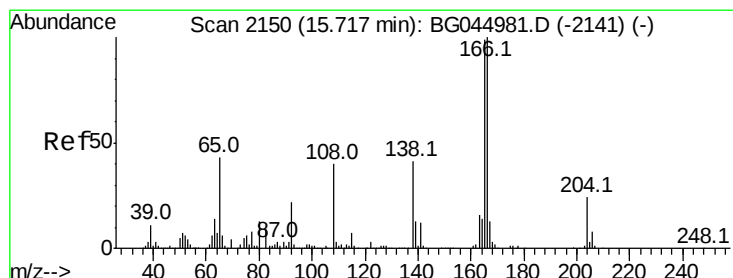
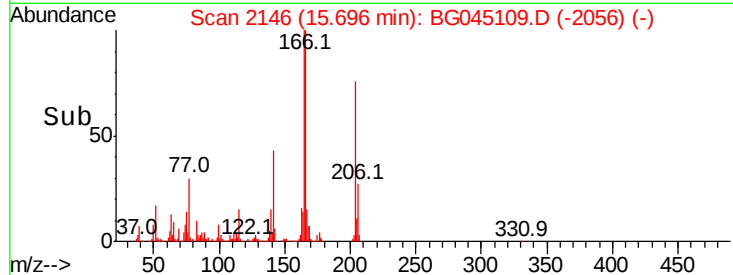
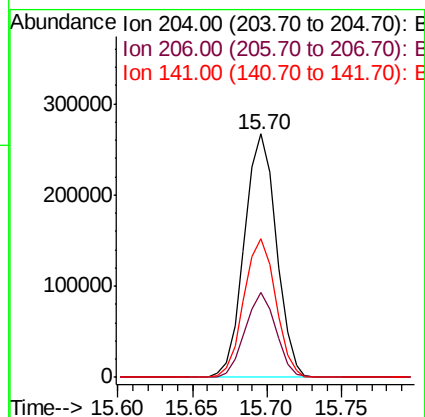
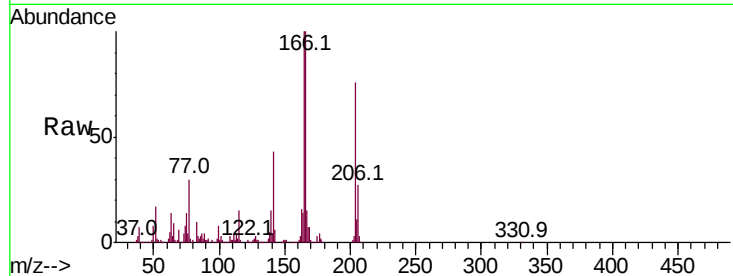




#61  
4-Chlorophenyl-phenylether  
Concen: 45.067 ng  
RT: 15.70 min Scan# 2146  
Delta R.T. 0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

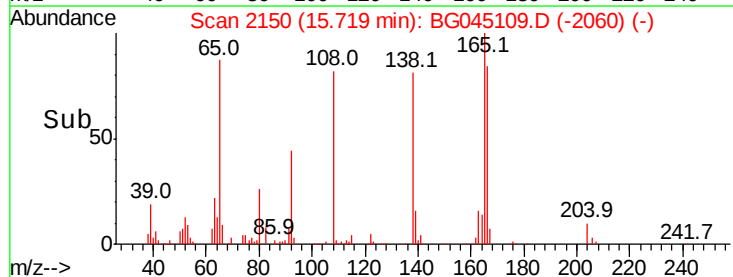
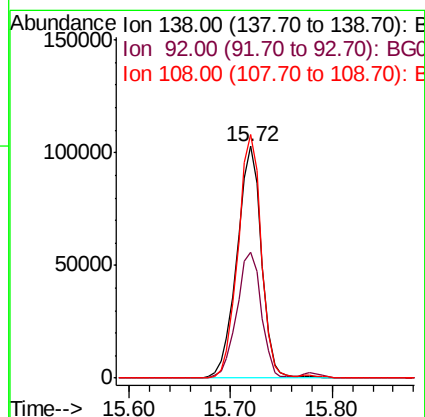
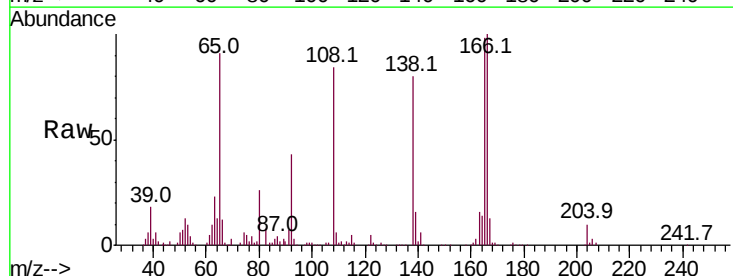
Instrument :  
BNA\_G  
ClientSampleId :  
PB128352BS

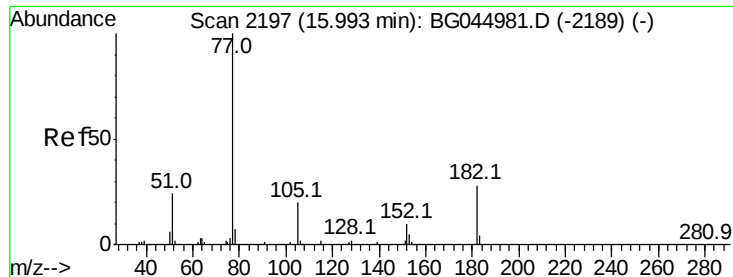
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.9  | 26.9  | 40.3  |
| 141     | 56.9  | 46.3  | 69.5  |



#62  
4-Nitroaniline  
Concen: 41.674 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. 0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.4  | 33.6  | 73.6  |
| 108     | 105.0 | 78.2  | 118.2 |





#63

Azobenzene

Concen: 46.543 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

Tot Ion: 77 Resp: 729278

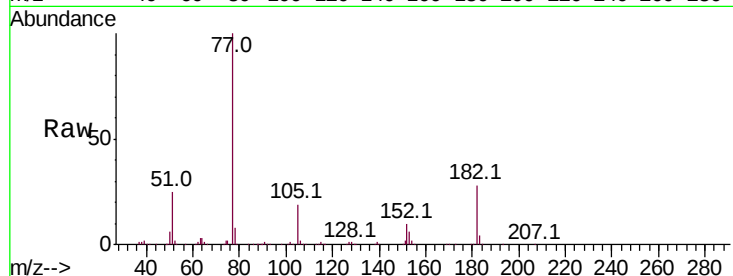
Ion Ratio Lower Upper

77 100

182 28.2 8.4 48.4

105 18.5 0.5 40.5

51 24.5 4.4 44.4

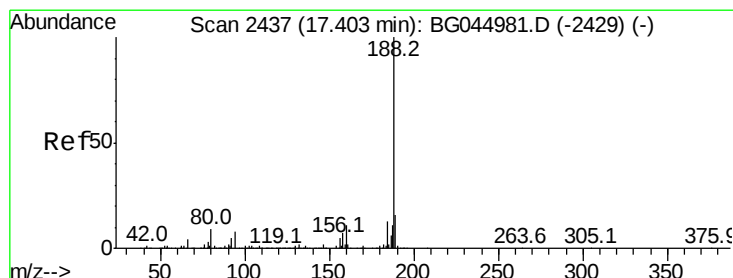
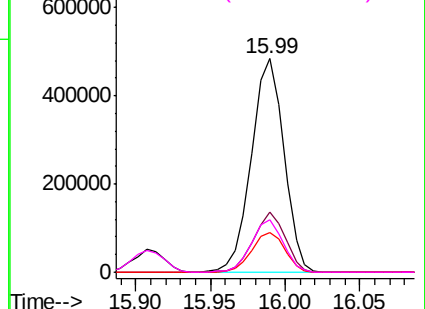
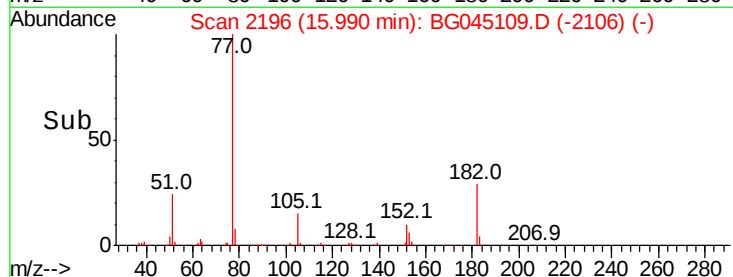


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

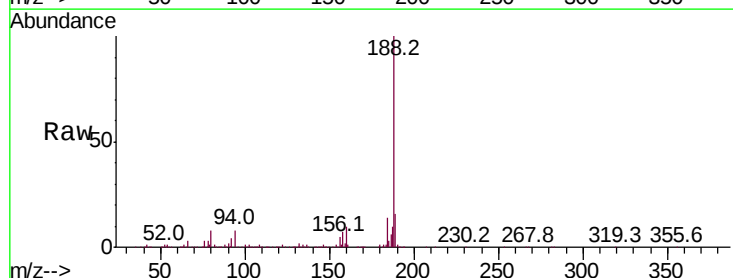
Tgt Ion: 188 Resp: 481129

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

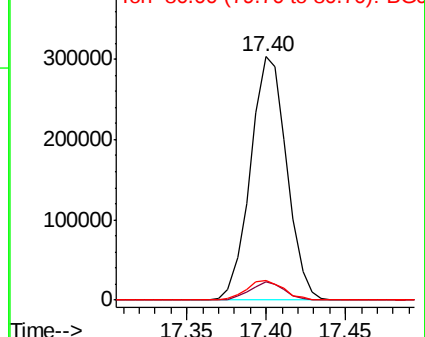
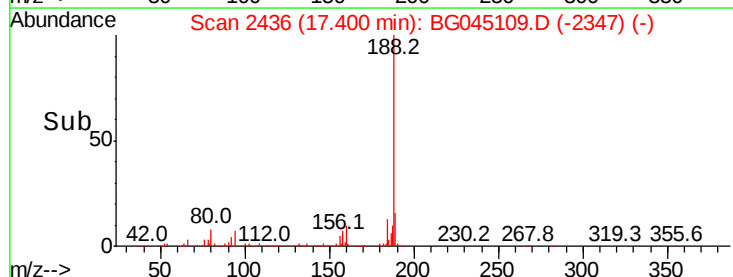
80 7.9 7.0 10.6

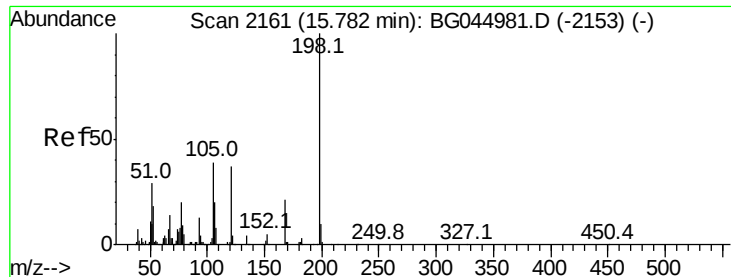


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 50.236 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

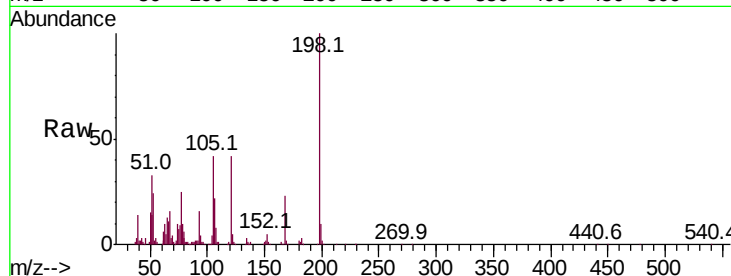
Tot Ion:198 Resp: 158872

Ion Ratio Lower Upper

198 100

51 32.7 10.0 50.0

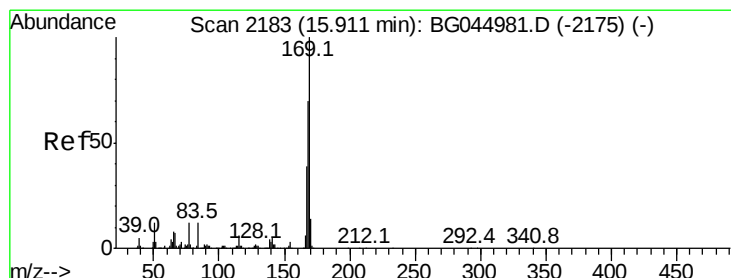
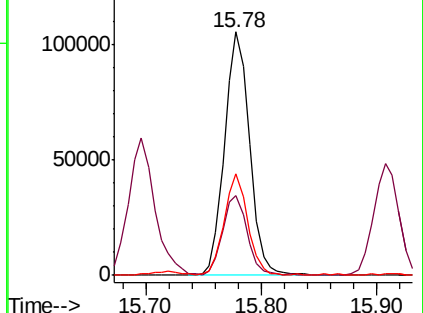
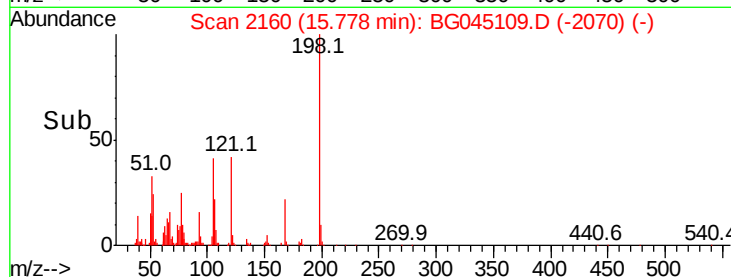
105 41.5 18.9 58.9



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: 47.095 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

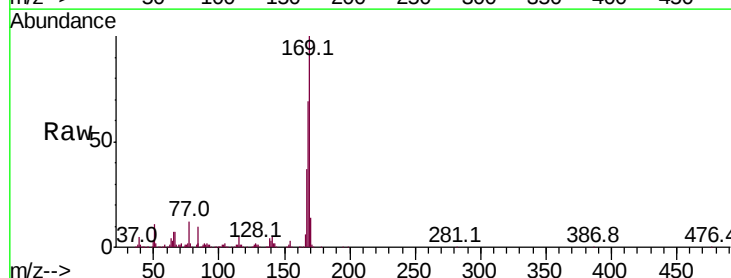
Tgt Ion:169 Resp: 651034

Ion Ratio Lower Upper

169 100

168 69.0 55.8 83.8

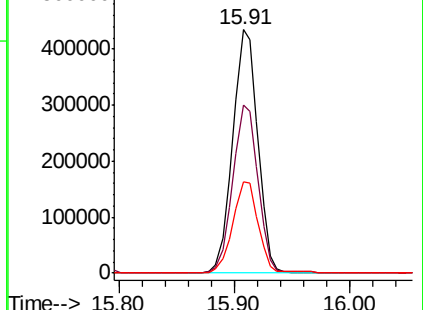
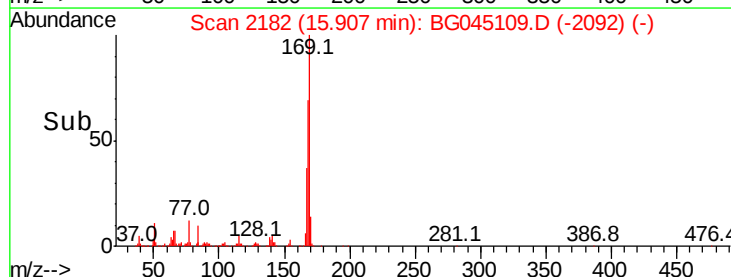
167 37.5 30.8 46.2

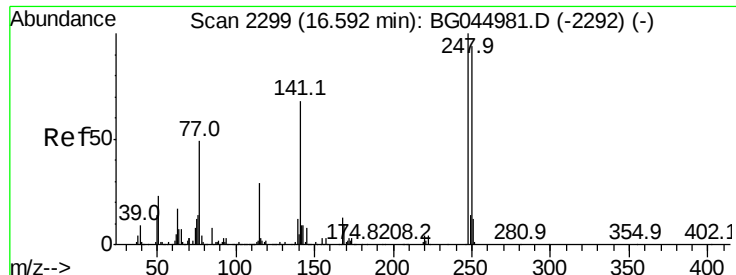


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

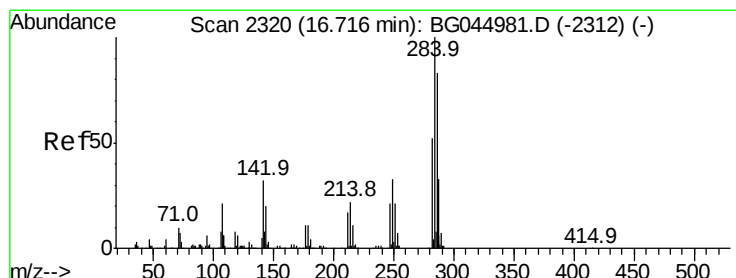
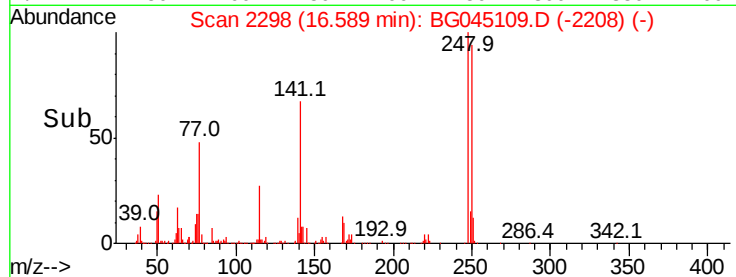
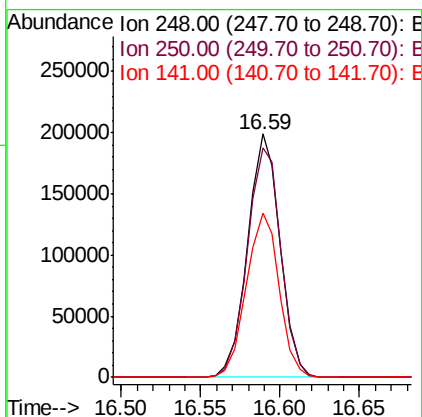
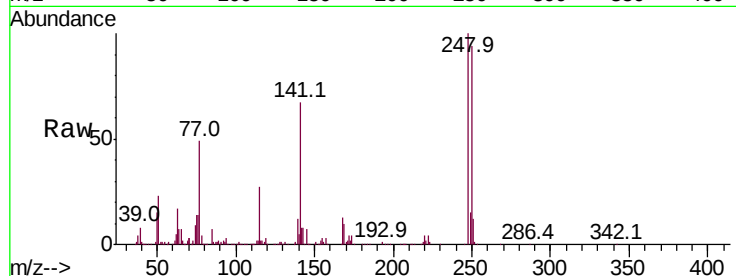




#67  
4-Bromophenyl-phenylether  
Concen: 45.439 ng  
RT: 16.59 min Scan# 2298  
Delta R.T. 0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

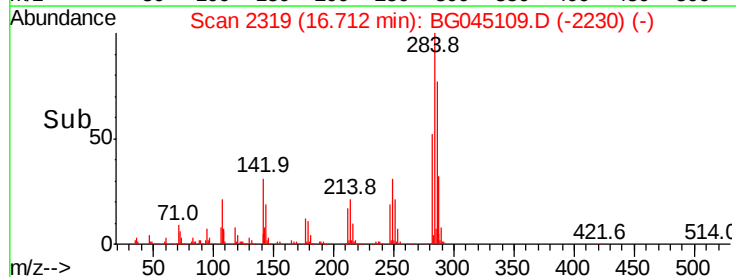
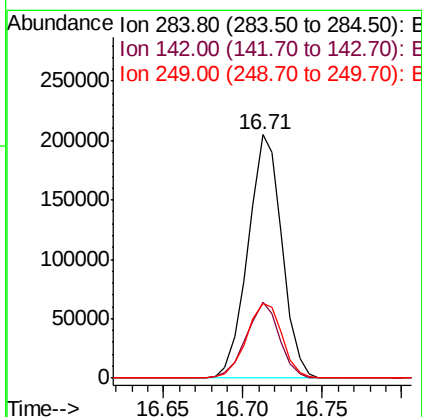
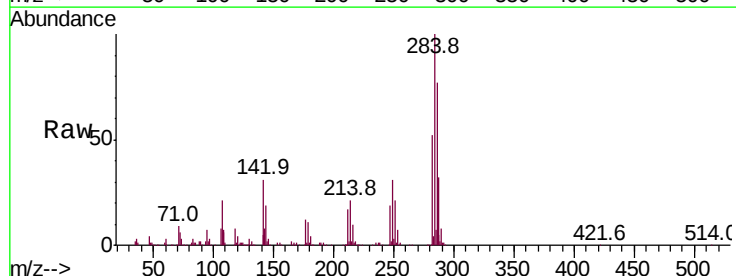
Instrument :  
BNA\_G  
ClientSampleId :  
PB128352BS

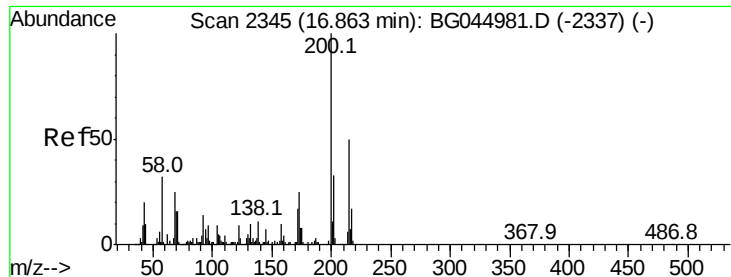
Tot Ion:248 Resp: 282038  
Ion Ratio Lower Upper  
248 100  
250 94.1 75.4 113.2  
141 67.2 54.4 81.6



#68  
Hexachlorobenzene  
Concen: 47.323 ng  
RT: 16.71 min Scan# 2319  
Delta R.T. -0.00 min  
Lab File: BG045109.D  
Acq: 21 Apr 2020 13:18

Tgt Ion:284 Resp: 304634  
Ion Ratio Lower Upper  
284 100  
142 31.3 25.8 38.6  
249 30.7 26.6 39.8





#69

Atrazine

Concen: 55.195 ng

RT: 16.86 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampled :

PB128352BS

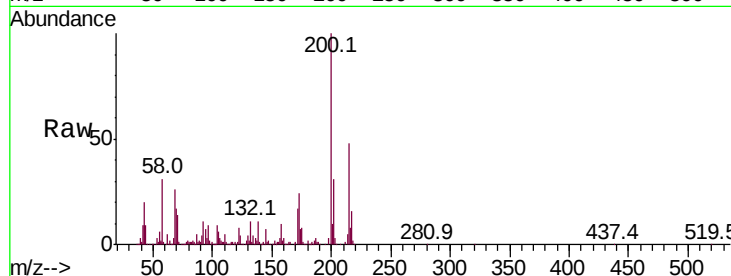
Tot Ion:200 Resp: 272837

Ion Ratio Lower Upper

200 100

173 23.6 4.5 44.5

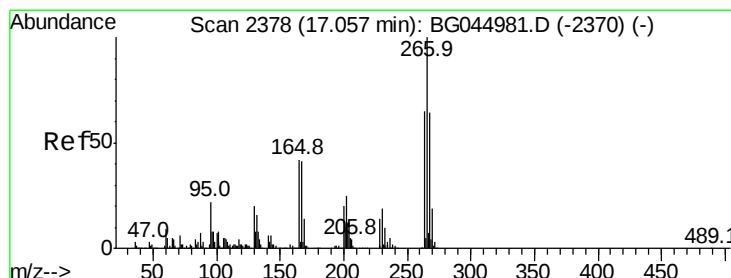
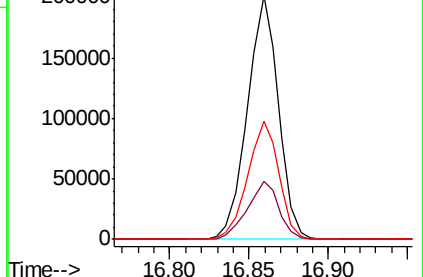
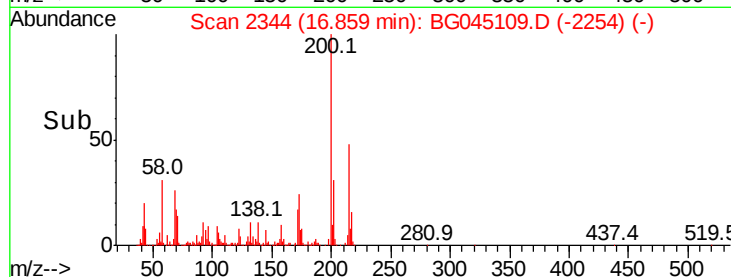
215 48.4 30.0 70.0



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: 86.943 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

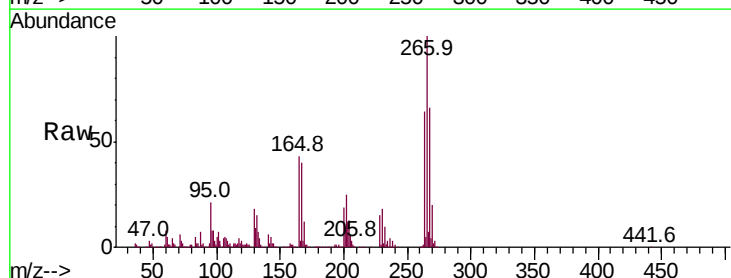
Tgt Ion:266 Resp: 343345

Ion Ratio Lower Upper

266 100

268 66.4 51.5 77.3

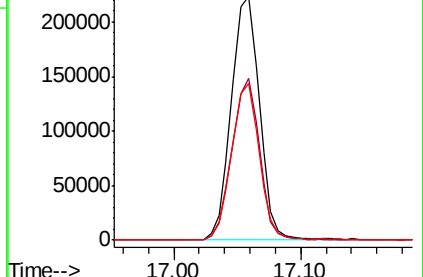
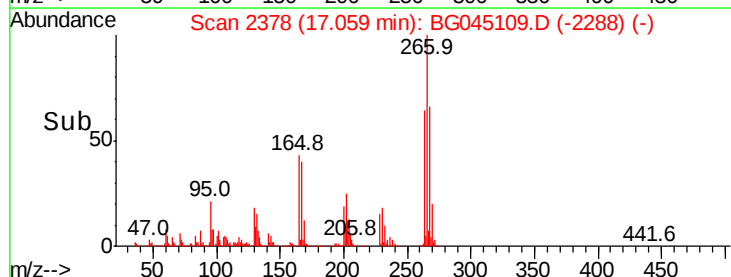
264 64.2 52.2 78.4

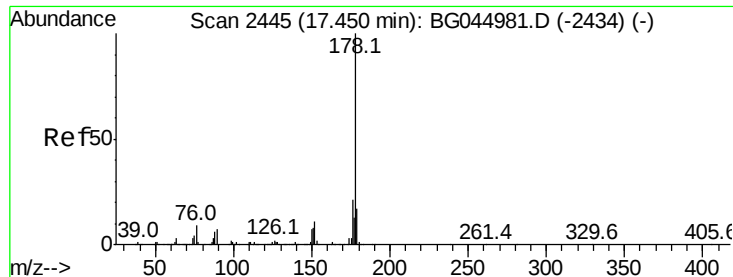


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.225 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

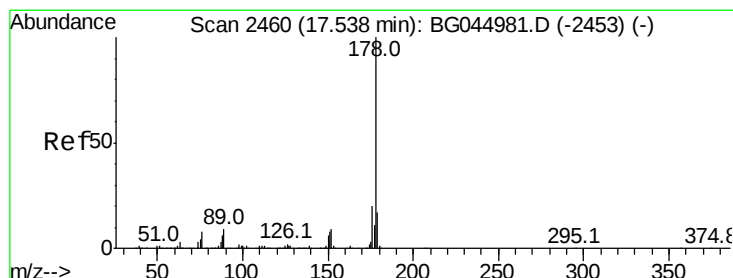
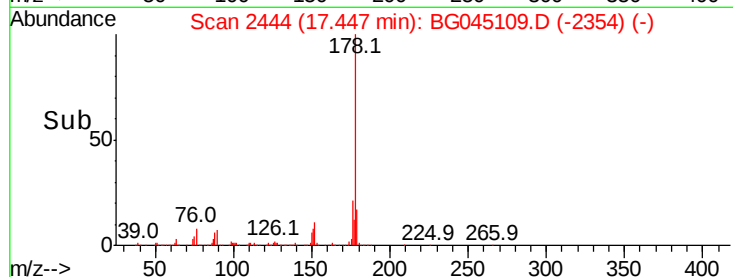
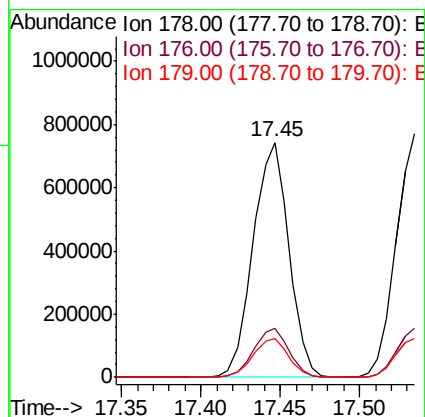
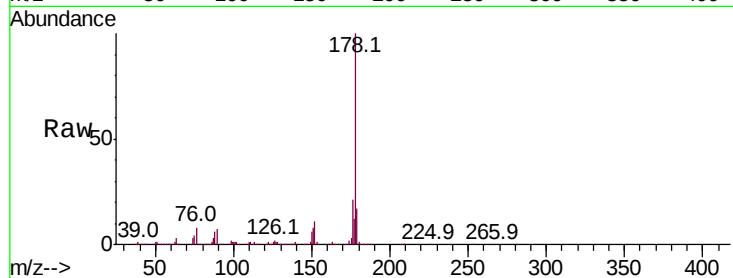
Tot Ion:178 Resp: 1167589

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.8  | 16.8  | 25.2  |
| 179 | 16.6  | 13.2  | 19.8  |

178 100

176 20.8 16.8 25.2

179 16.6 13.2 19.8



#72

Anthracene

Concen: 48.544 ng

RT: 17.53 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

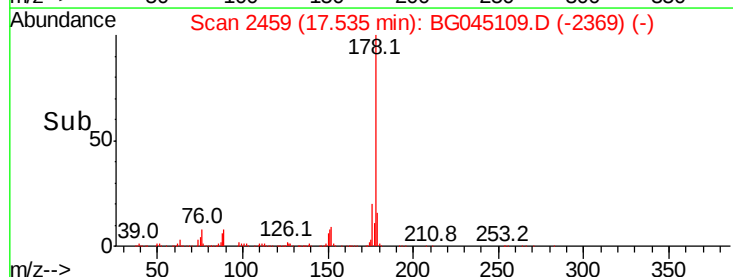
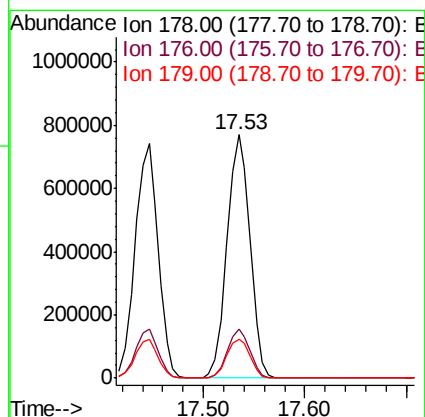
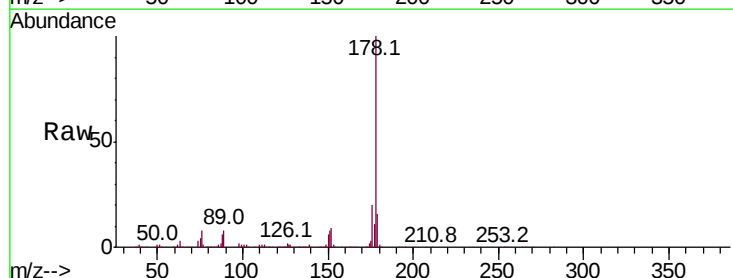
Tgt Ion:178 Resp: 1203930

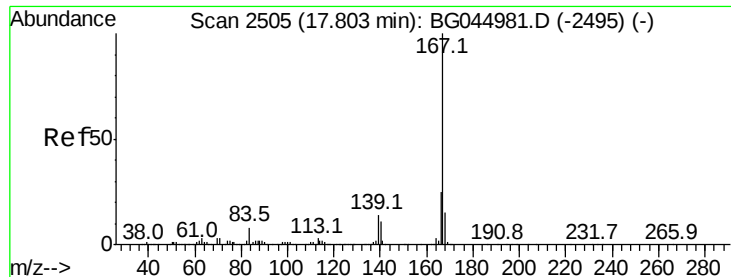
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.0  | 16.0  | 24.0  |
| 179 | 16.0  | 13.6  | 20.4  |

178 100

176 20.0 16.0 24.0

179 16.0 13.6 20.4

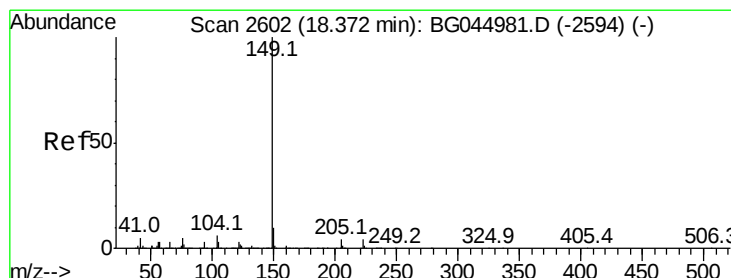
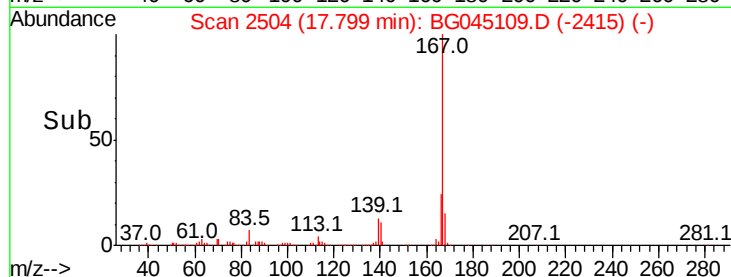
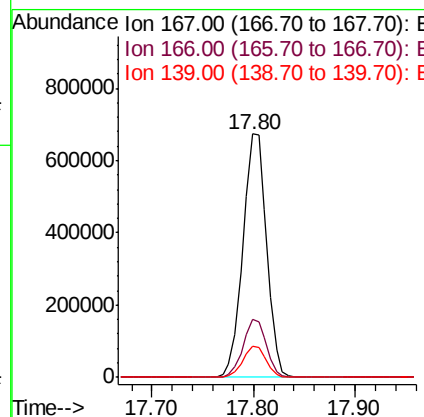
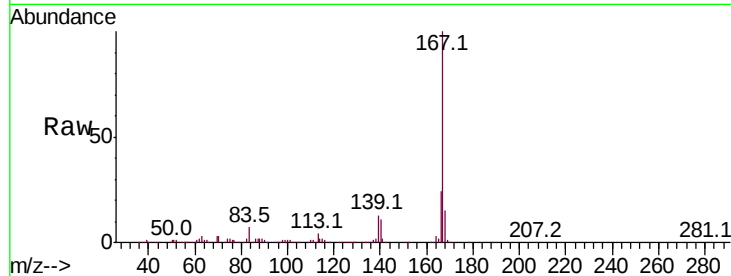




#73  
 Carbazole  
 Concen: 43.328 ng  
 RT: 17.80 min Scan# 2504  
 Delta R.T. -0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

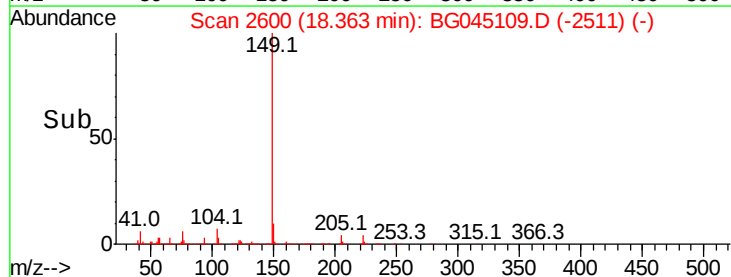
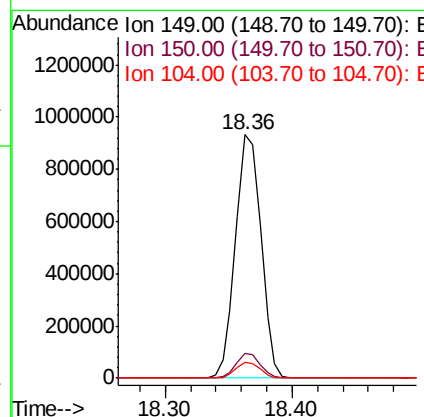
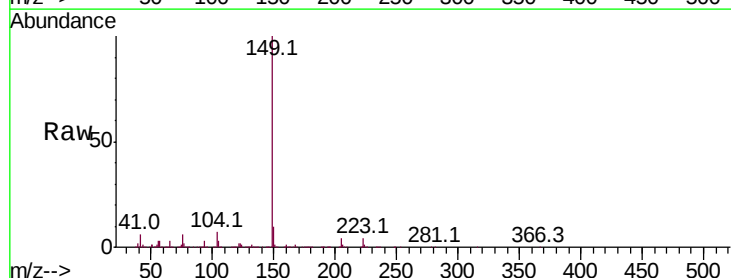
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128352BS

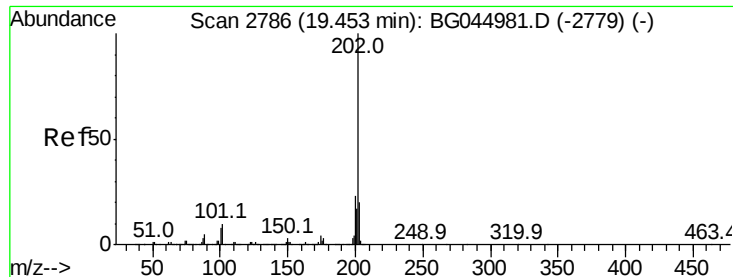
Tot Ion:167 Resp: 1090462  
 Ion Ratio Lower Upper  
 167 100  
 166 23.8 19.8 29.6  
 139 12.9 10.9 16.3



#74  
 Di-n-butylphthalate  
 Concen: 47.616 ng  
 RT: 18.36 min Scan# 2600  
 Delta R.T. -0.00 min  
 Lab File: BG045109.D  
 Acq: 21 Apr 2020 13:18

Tgt Ion:149 Resp: 1294836  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 8.2 12.2  
 104 6.5 4.8 7.2





#75

Fluoranthene

Concen: 49.304 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

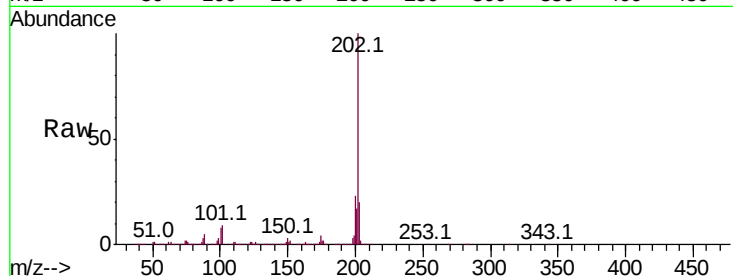
Tot Ion:202 Resp: 1415640

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 9.3   | 0.0   | 29.6  |
| 203 | 20.4  | 0.0   | 39.7  |

202 100

101 9.3 0.0 29.6

203 20.4 0.0 39.7

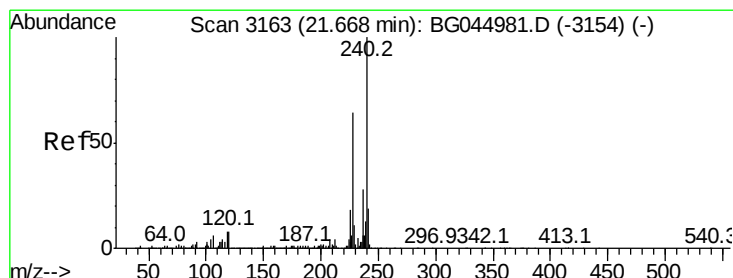
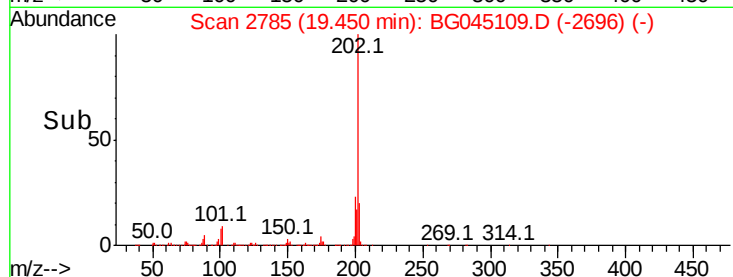
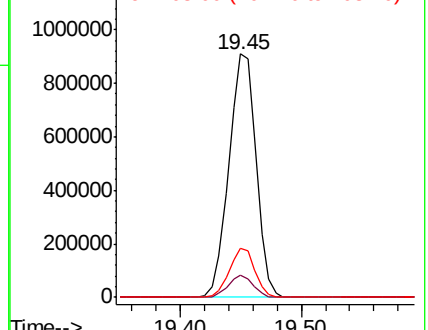


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

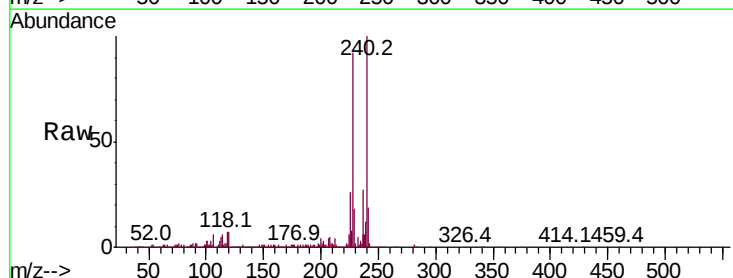
Tgt Ion:240 Resp: 435852

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 7.1   | 6.6   | 10.0  |
| 236 | 26.6  | 22.2  | 33.2  |

240 100

120 7.1 6.6 10.0

236 26.6 22.2 33.2

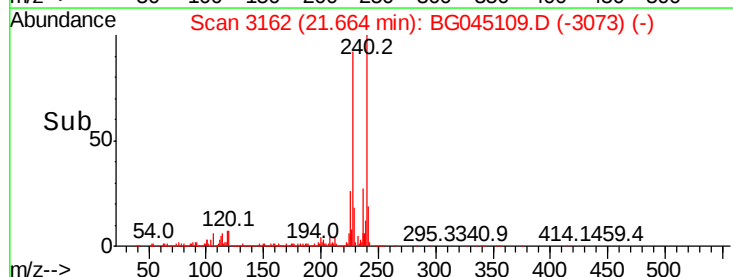
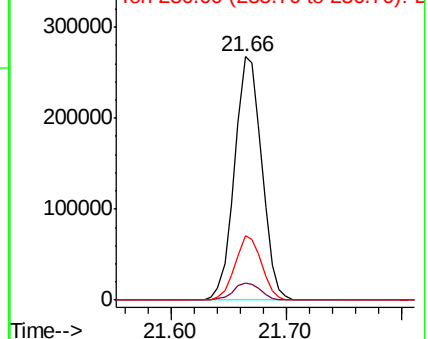


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.697 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

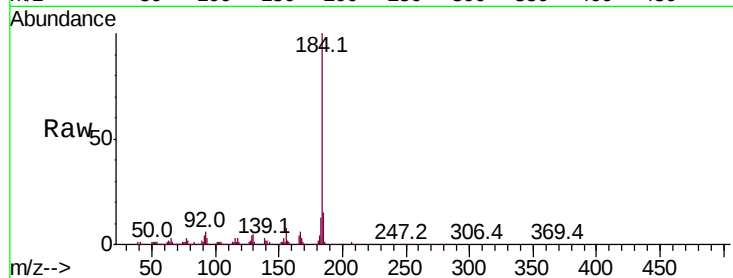
BNA\_G

ClientSampleId :

PB128352BS

Tot Ion:184 Resp: 608571

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.8  | 12.6  | 19.0  |
| 183 | 13.3  | 11.3  | 16.9  |

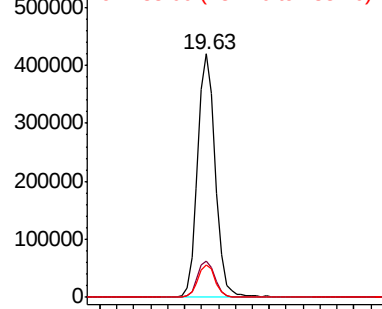


Abundance

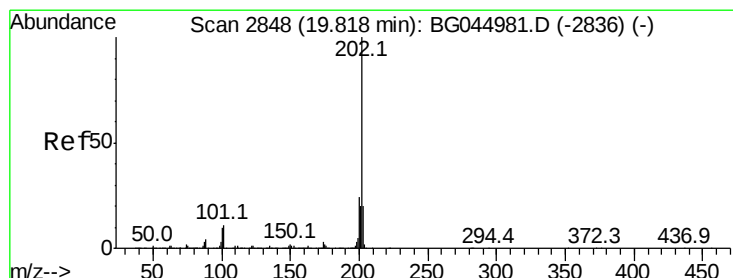
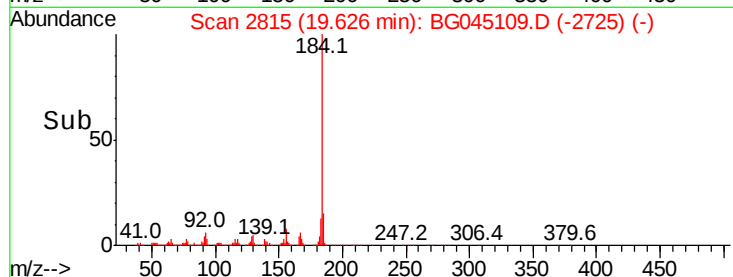
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 46.475 ng

RT: 19.81 min Scan# 2847

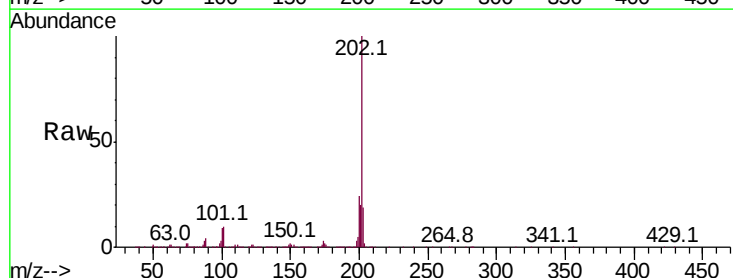
Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:202 Resp: 1396462

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.6  | 19.0  | 28.6  |
| 203 | 18.9  | 16.1  | 24.1  |

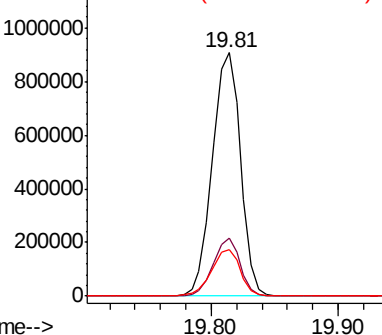


Abundance

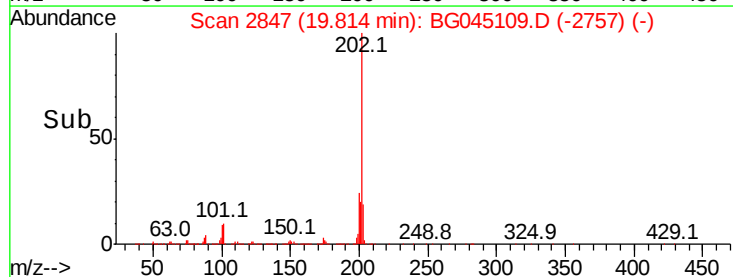
Ion 202.00 (201.70 to 202.70): E

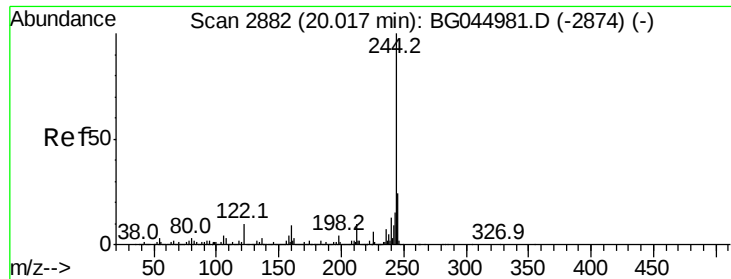
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 100.281 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

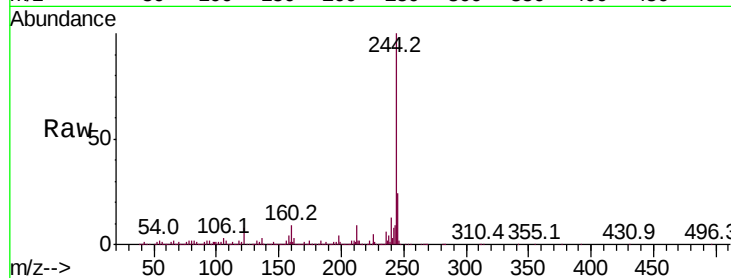
Tot Ion:244 Resp: 2005344

Ion Ratio Lower Upper

244 100

212 9.4 7.9 11.9

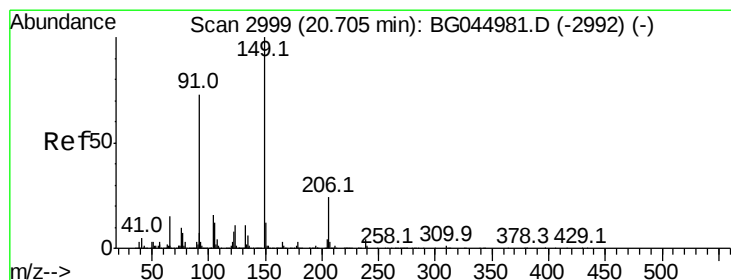
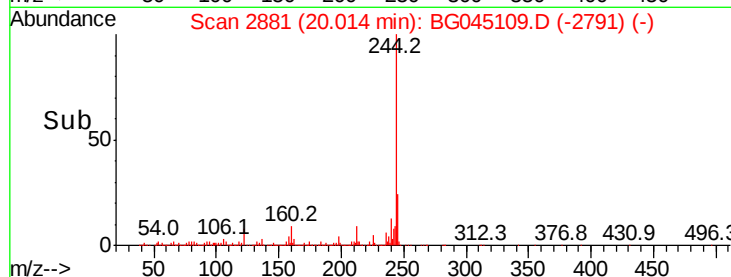
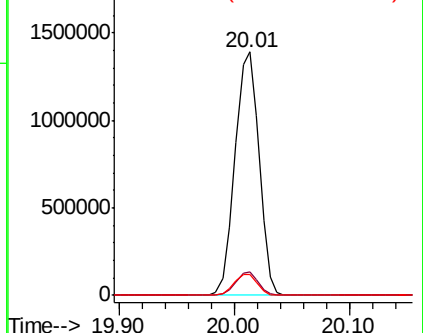
122 8.4 7.7 11.5



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: 46.019 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

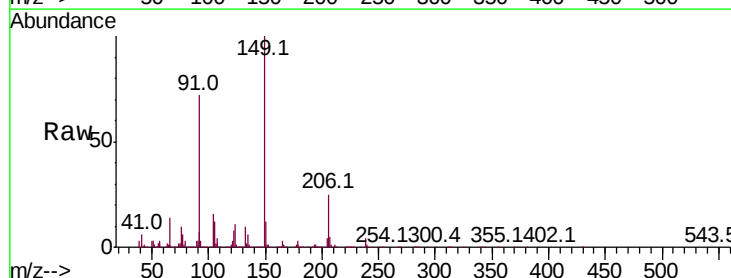
Tgt Ion:149 Resp: 573172

Ion Ratio Lower Upper

149 100

91 72.4 58.5 87.7

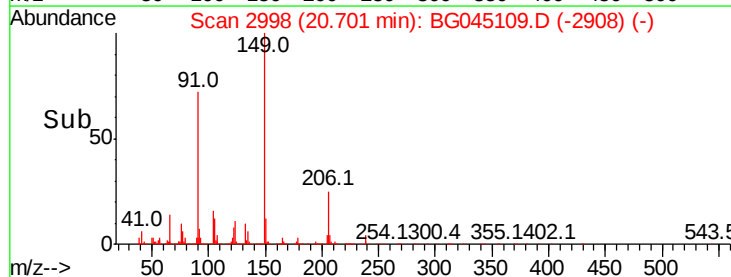
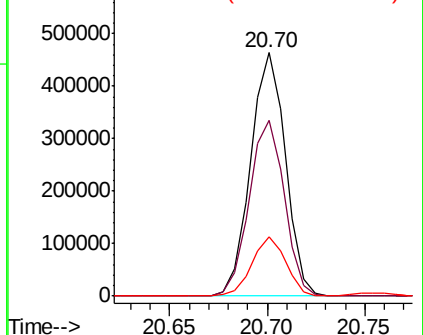
206 24.6 19.2 28.8

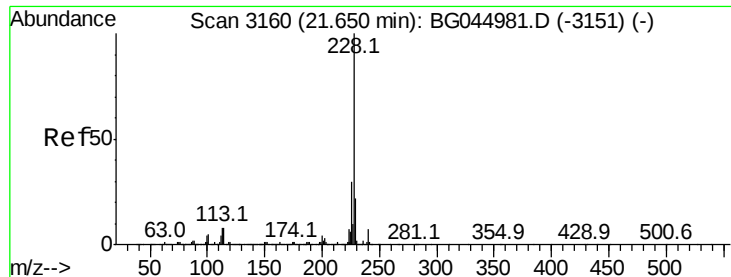


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.486 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

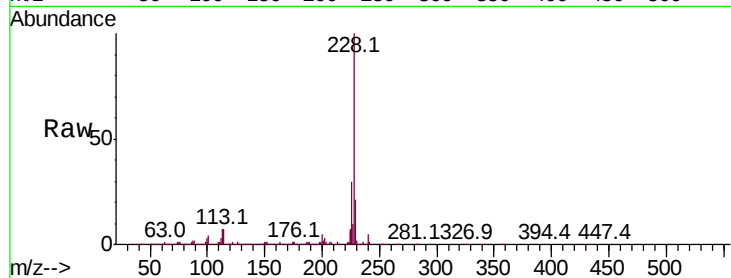
Tot Ion:228 Resp: 1341443

Ion Ratio Lower Upper

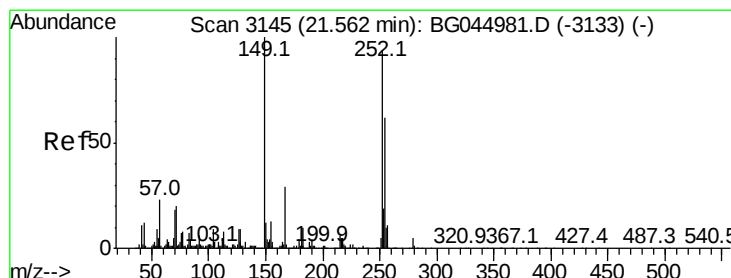
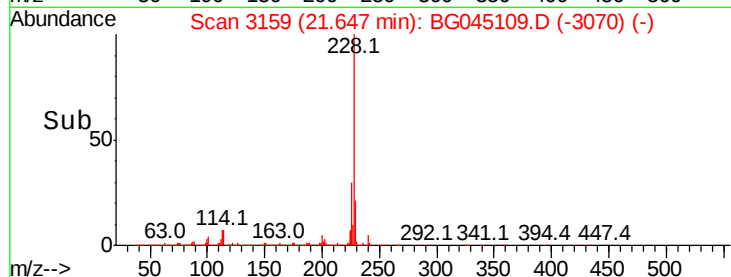
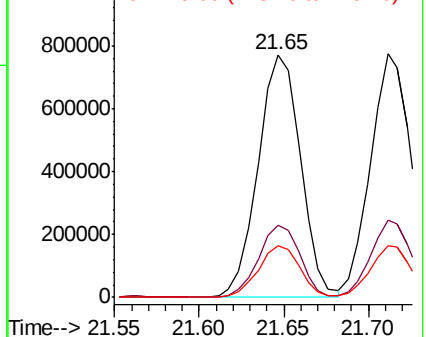
228 100

226 29.7 24.0 36.0

229 21.1 17.5 26.3



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: 26.148 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

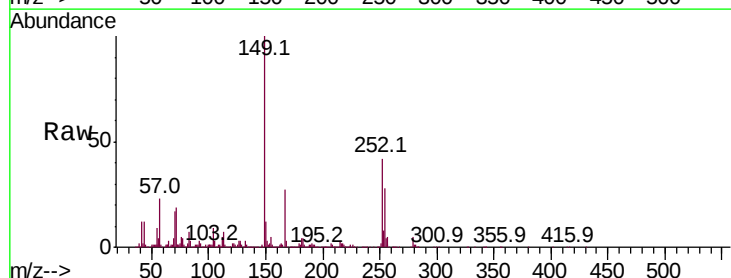
Tgt Ion:252 Resp: 294006

Ion Ratio Lower Upper

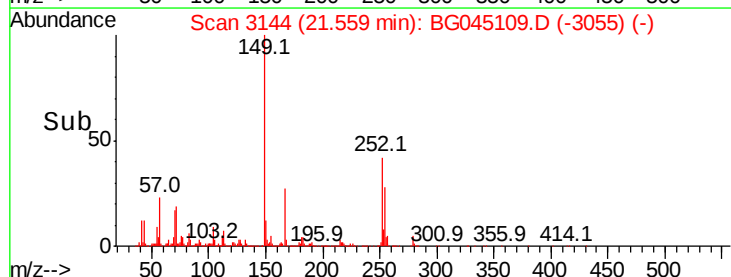
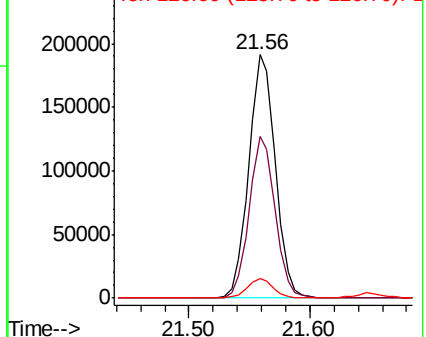
252 100

254 66.6 52.6 79.0

126 8.0 7.5 11.3



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: 47.449 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

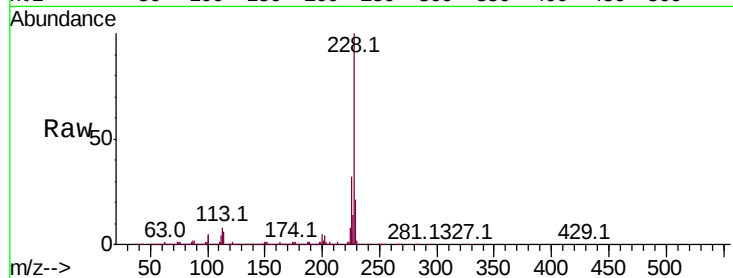
BNA\_G

ClientSampleId :

PB128352BS

Tot Ion:228 Resp: 1287877

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.7  | 26.2  | 39.4  |
| 229 | 21.3  | 17.0  | 25.6  |

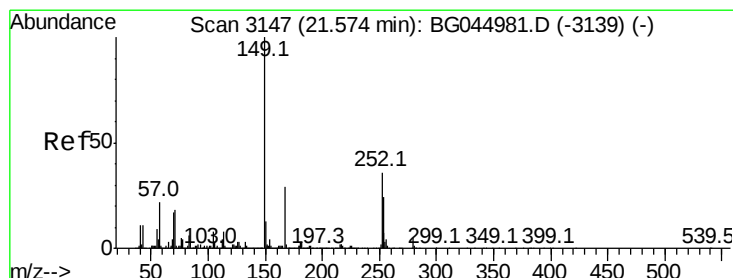
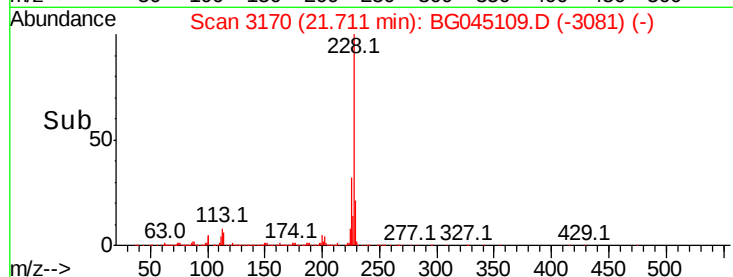
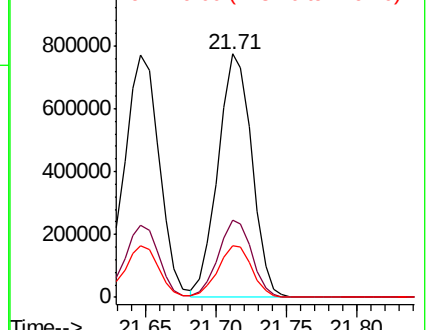


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.672 ng

RT: 21.56 min Scan# 3145

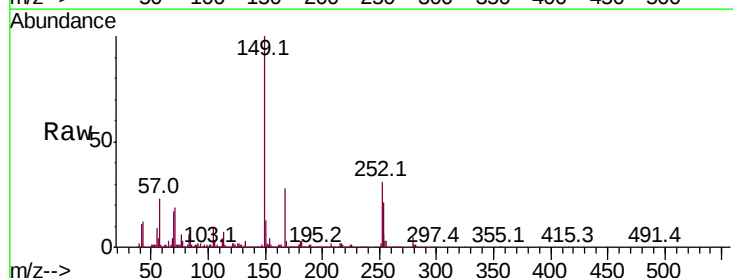
Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:149 Resp: 799498

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.4  | 23.4  | 35.0  |
| 279 | 5.3   | 4.3   | 6.5   |

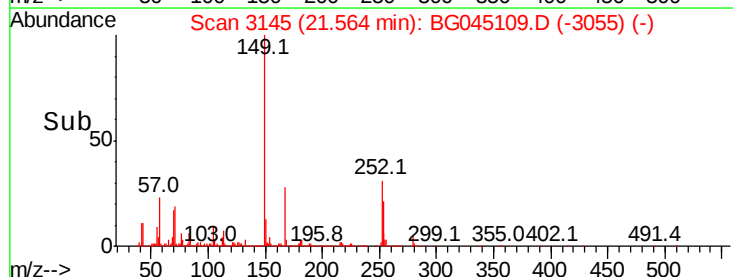
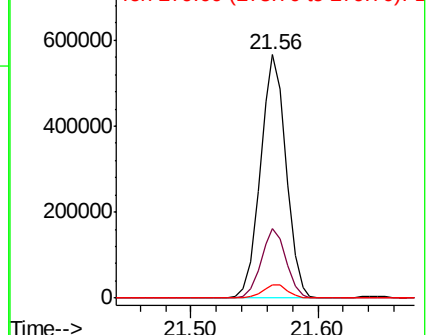


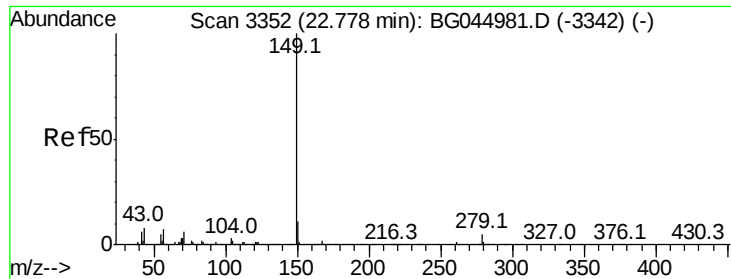
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.743 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

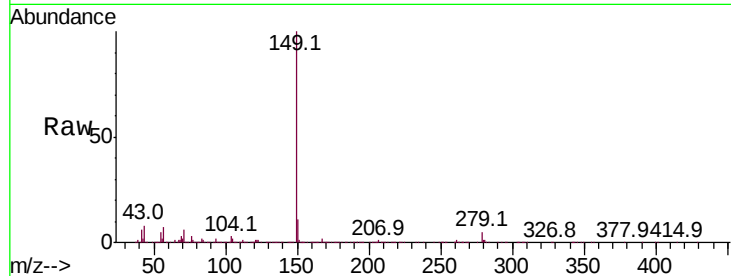
Tot Ion:149 Resp: 1355029

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

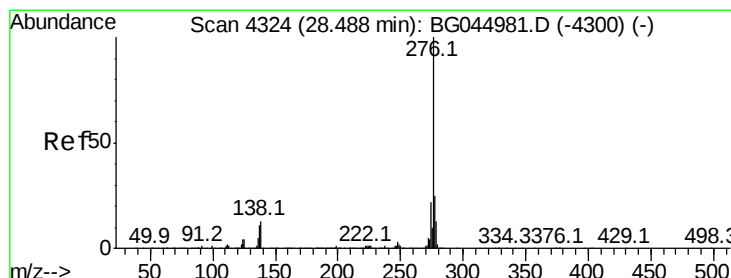
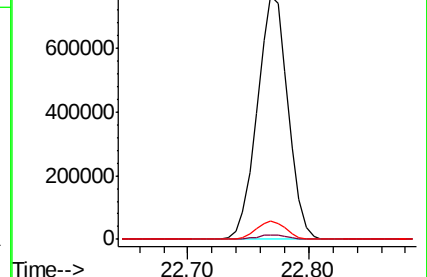
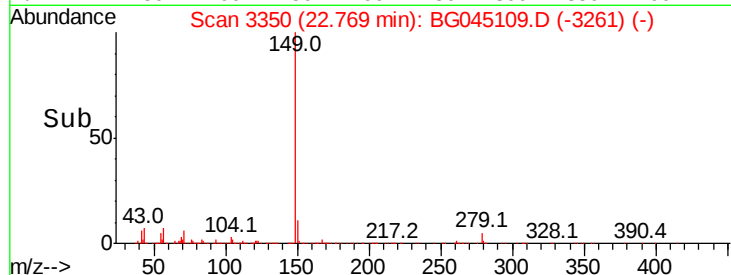
43 7.3 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.038 ng

RT: 28.48 min Scan# 4323

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

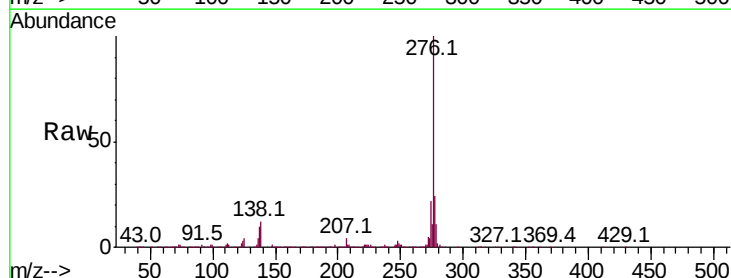
Tgt Ion:276 Resp: 1731143

Ion Ratio Lower Upper

276 100

138 10.6 9.6 14.4

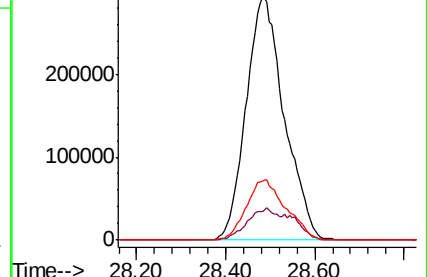
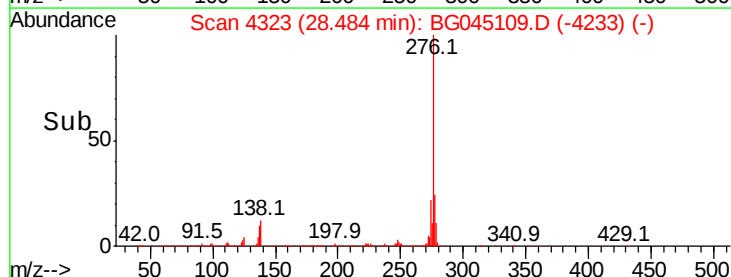
277 25.7 20.6 31.0

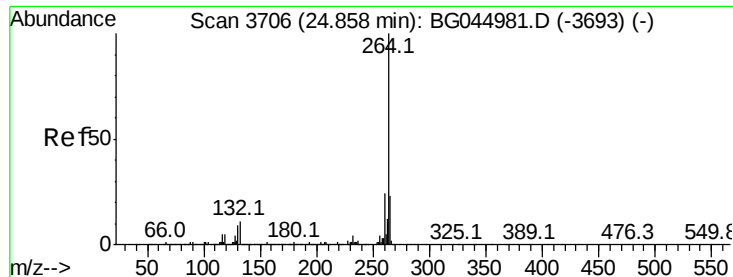


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA\_G

ClientSampleId :

PB128352BS

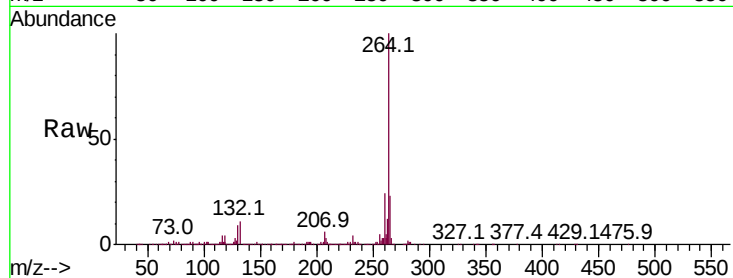
Tot Ion:264 Resp: 487591

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

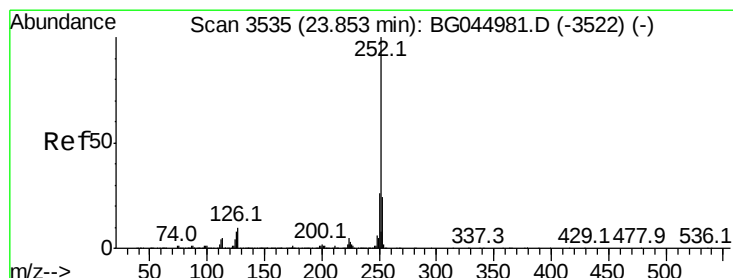
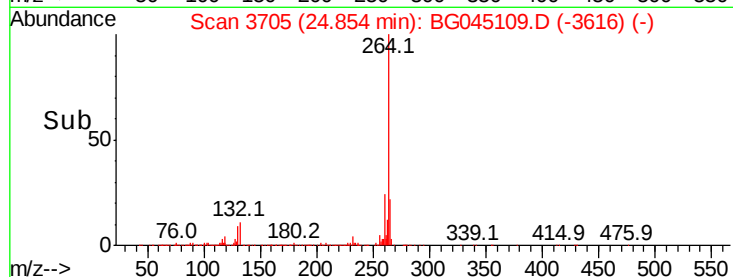
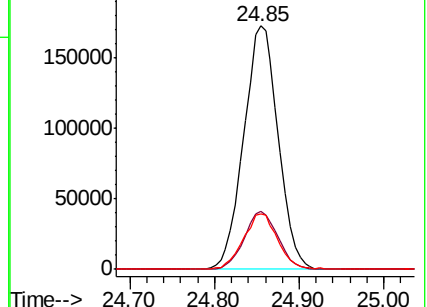
265 22.6 19.0 28.4



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



#88

Benzo(b)fluoranthene

Concen: 48.365 ng

RT: 23.85 min Scan# 3534

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

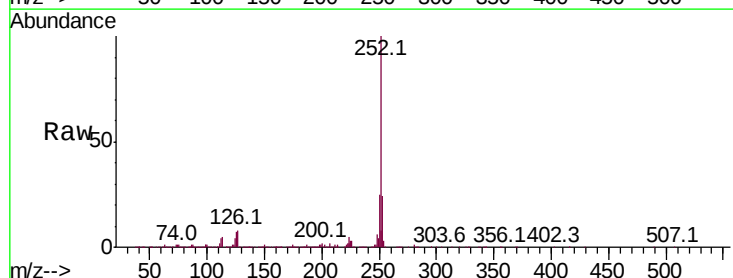
Tgt Ion:252 Resp: 1477173

Ion Ratio Lower Upper

252 100

253 23.5 18.8 28.2

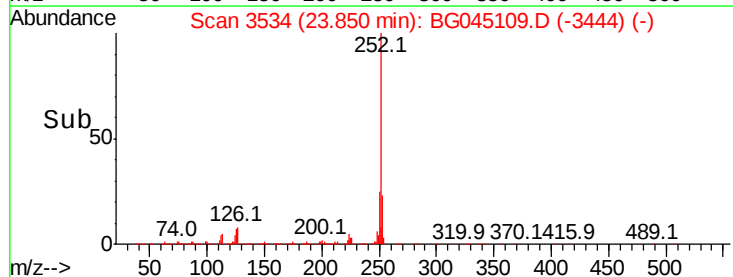
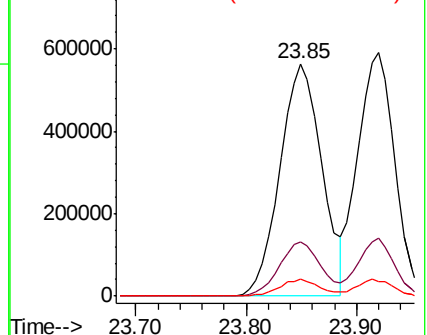
125 7.1 6.2 9.4

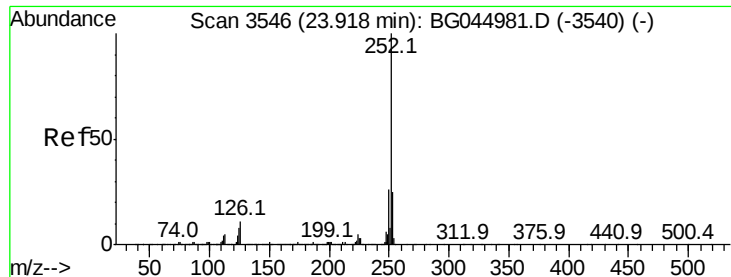


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.478 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

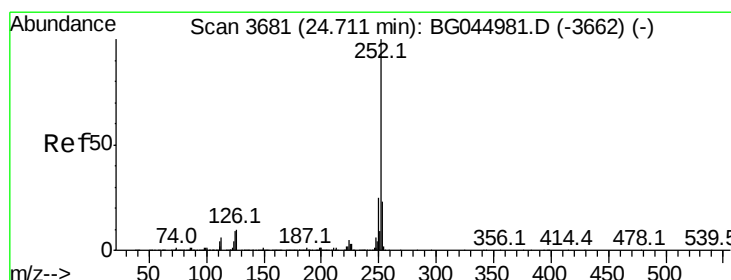
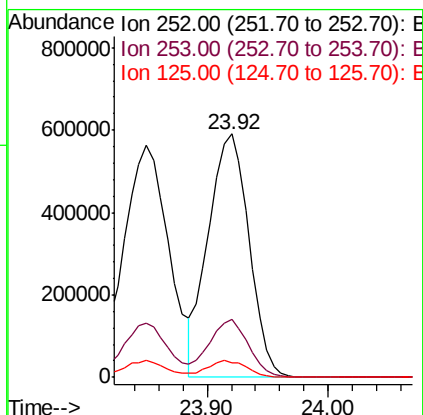
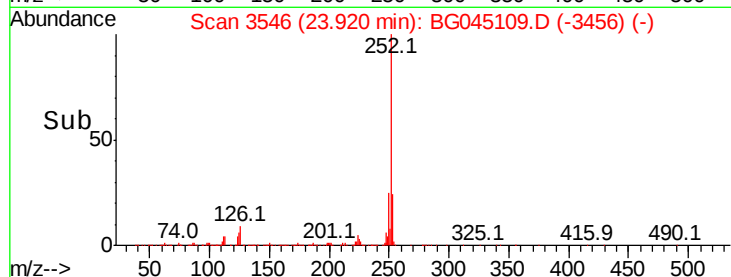
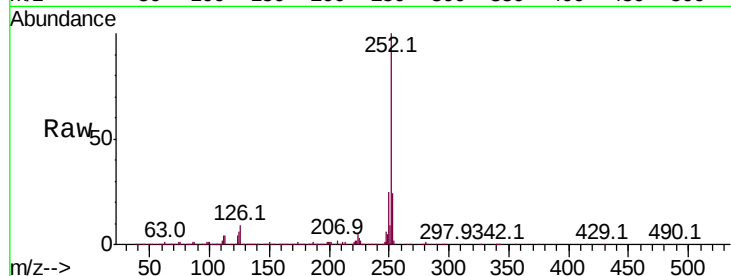
BNA\_G

ClientSampleId :

PB128352BS

Tot Ion:252 Resp: 1379040

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.9  | 19.2  | 28.8  |
| 125 | 6.1   | 5.9   | 8.9   |



#90

Benzo(a)pyrene

Concen: 46.473 ng

RT: 24.71 min Scan# 3680

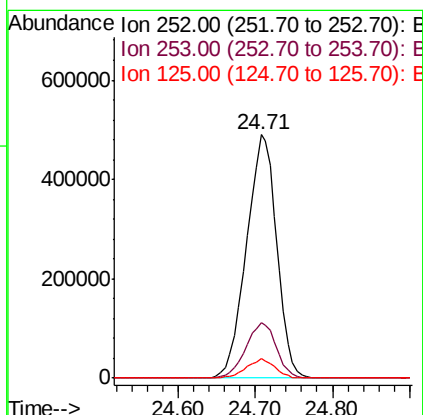
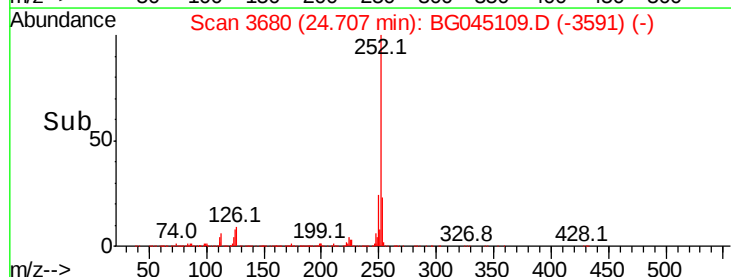
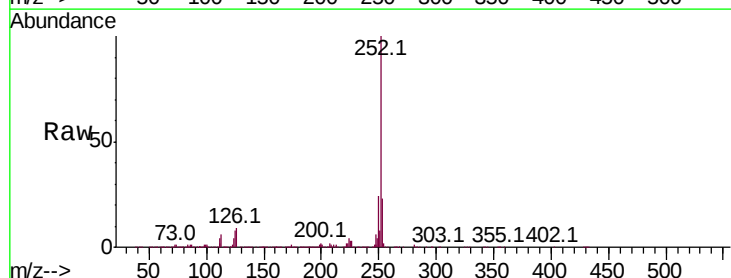
Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:252 Resp: 1340139

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 18.3  | 27.5  |
| 125 | 7.9   | 7.0   | 10.6  |





#91

Dibenzo(a,h)anthracene

Concen: 48.165 ng

RT: 28.55 min Scan# 4335

Delta R.T. 0.01 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

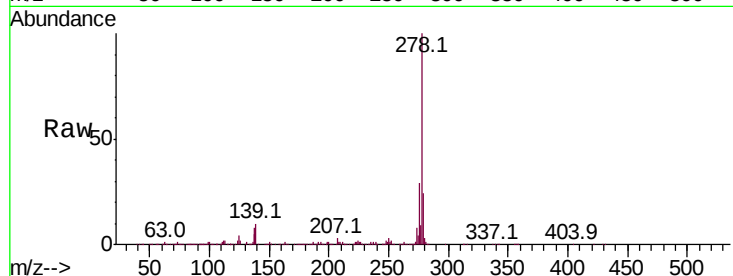
BNA\_G

ClientSampleId :

PB128352BS

Tot Ion:278 Resp: 1399556

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 9.8   | 9.0   | 13.6  |
| 279 | 23.8  | 18.4  | 27.6  |

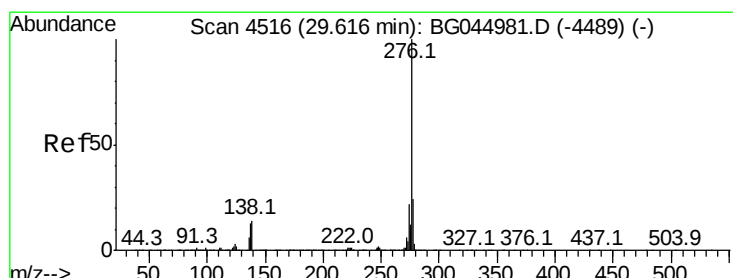
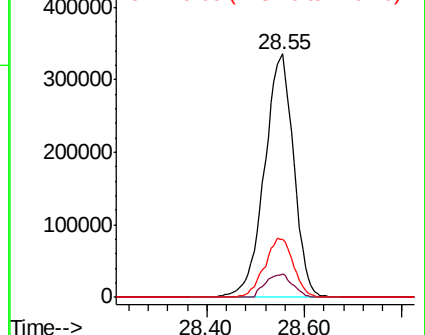
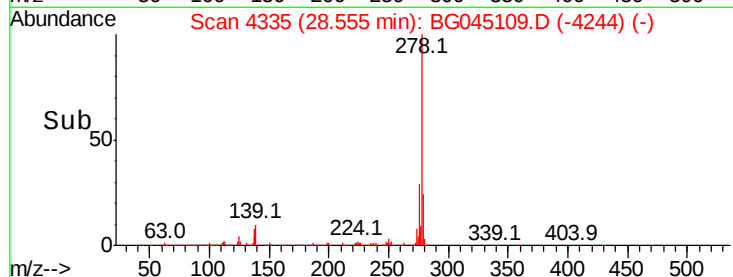


Abundance

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: 48.194 ng

RT: 29.62 min Scan# 4517

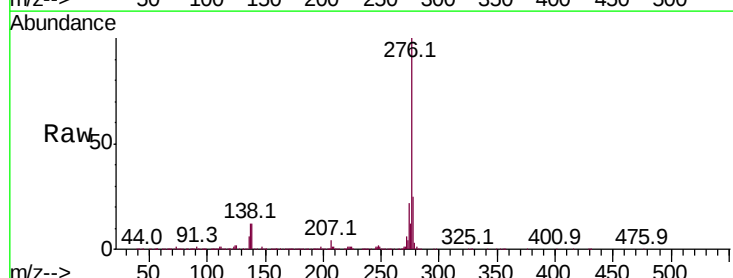
Delta R.T. 0.01 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:276 Resp: 1403958

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 25.3  | 19.3  | 28.9  |
| 138 | 12.0  | 11.4  | 17.2  |



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

