

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051220\  
 Data File : BG045357.D  
 Acq On : 13 May 2020 11:39  
 Operator : CG/JU  
 Sample : PB128795BS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB128795BS

Quant Time: May 13 12:15:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 13 11:40:01 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.97  | 152  | 58747    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.78 | 136  | 235447   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.61 | 164  | 176785   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.36 | 188  | 439239   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.63 | 240  | 424930   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.79 | 264  | 470033   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.54  | 112  | 444855   | 125.02 | ng    | 0.00     |
| 7) Phenol-d6                | 7.14  | 99   | 610239   | 115.43 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.13  | 82   | 383975   | 74.41  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.11 | 330  | 305451   | 111.84 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.24 | 172  | 886923   | 73.56  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.98 | 244  | 1661385  | 85.22  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.42  | 88   | 57032    | 36.064 | ng    | 95     |
| 3) Pyridine                    | 3.82  | 79   | 131471   | 27.001 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 3.73  | 42   | 60700    | 40.695 | ng    | # 97   |
| 6) Aniline                     | 7.29  | 93   | 159720   | 23.236 | ng    | 100    |
| 8) 2-Chlorophenol              | 7.53  | 128  | 154684   | 40.448 | ng    | 95     |
| 9) Benzaldehyde                | 7.10  | 77   | 118673   | 39.761 | ng    | 98     |
| 10) Phenol                     | 7.16  | 94   | 209963   | 39.687 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.39  | 93   | 147004   | 34.900 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 7.86  | 146  | 168355   | 37.359 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 8.00  | 146  | 170528   | 37.976 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 8.33  | 146  | 159650   | 37.163 | ng    | 95     |
| 15) Benzyl Alcohol             | 8.20  | 79   | 161827   | 36.508 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.50  | 45   | 136616   | 33.041 | ng    | 96     |
| 17) 2-Methylphenol             | 8.42  | 107  | 146204   | 35.818 | ng    | 92     |
| 18) Hexachloroethane           | 9.06  | 117  | 65694    | 38.917 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.77  | 70   | 128894   | 34.474 | ng    | 97     |
| 20) 3+4-Methylphenols          | 8.74  | 107  | 195856   | 34.280 | ng    | 99     |
| 22) Acetophenone               | 8.79  | 105  | 238910   | 37.523 | ng    | 97     |
| 24) Nitrobenzene               | 9.17  | 77   | 194984   | 36.864 | ng    | 97     |
| 25) Isophorone                 | 9.70  | 82   | 363331   | 34.383 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.89  | 139  | 90245    | 39.610 | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 9.95  | 122  | 145619   | 40.281 | ng    | 93     |
| 28) bis(2-Chloroethoxy)methane | 10.18 | 93   | 201099   | 36.220 | ng    | 96     |
| 29) 2,4-Dichlorophenol         | 10.43 | 162  | 164722   | 39.461 | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.64 | 180  | 177494   | 37.556 | ng    | 95     |
| 31) Naphthalene                | 10.83 | 128  | 483181   | 37.514 | ng    | 98     |
| 32) Benzoic acid               | 10.10 | 122  | 84500    | 31.466 | ng    | 99     |
| 33) 4-Chloroaniline            | 10.94 | 127  | 89334    | 14.872 | ng    | 98     |
| 34) Hexachlorobutadiene        | 11.12 | 225  | 118251   | 36.494 | ng    | 96     |
| 35) Caprolactam                | 11.69 | 113  | 32080    | 19.310 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.07 | 107  | 191853   | 39.124 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 12.44 | 142  | 364041   | 36.414 | ng    | 97     |
| 38) 1-Methylnaphthalene        | 12.66 | 142  | 347182   | 36.786 | ng    | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.81 | 216  | 202312   | 35.543 | ng    | 98     |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051220\  
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 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

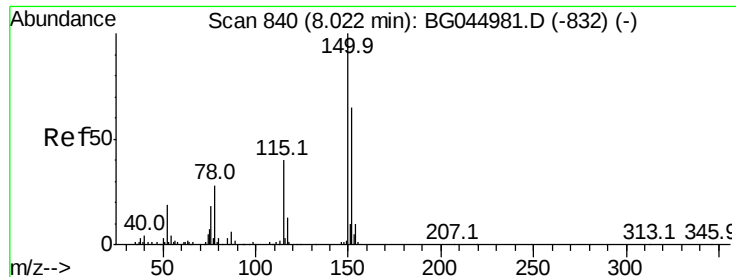
Instrument :  
 BNA\_P  
 ClientSampleId :  
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Quant Time: May 13 12:15:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 13 11:40:01 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.79 | 237  | 261107   | 73.394 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.05 | 196  | 149615   | 37.244 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.13 | 196  | 162512   | 35.540 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.45 | 154  | 477409   | 35.530 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.49 | 162  | 366810   | 35.727 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.69 | 65   | 125922   | 37.276 | nq    | 97       |
| 49) Acenaphthylene             | 14.34 | 152  | 627264   | 37.507 | nq    | 99       |
| 50) Dimethylphthalate          | 14.07 | 163  | 523149   | 36.343 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.18 | 165  | 117946   | 36.633 | nq    | 94       |
| 52) Acenaphthene               | 14.68 | 154  | 376429   | 33.268 | nq    | 98       |
| 53) 3-Nitroaniline             | 14.51 | 138  | 66015    | 18.695 | nq    | 93       |
| 54) 2,4-Dinitrophenol          | 14.72 | 184  | 148657   | 77.647 | nq    | 91       |
| 55) Dibenzofuran               | 15.01 | 168  | 609512   | 36.948 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.84 | 139  | 208310   | 76.082 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.98 | 165  | 175525   | 37.304 | nq    | 91       |
| 58) Fluorene                   | 15.66 | 166  | 511269   | 37.943 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.24 | 232  | 162465   | 39.931 | nq    | 98       |
| 60) Diethylphthalate           | 15.44 | 149  | 548152   | 36.524 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.66 | 204  | 276226   | 35.615 | nq    | 98       |
| 62) 4-Nitroaniline             | 15.68 | 138  | 121534   | 33.183 | nq    | 97       |
| 63) Azobenzene                 | 15.95 | 77   | 517254   | 37.383 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.74 | 198  | 112688   | 39.031 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.87 | 169  | 463839   | 36.754 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.55 | 248  | 195460   | 34.494 | nq    | 96       |
| 68) Hexachlorobenzene          | 16.68 | 284  | 212889   | 36.225 | nq    | 99       |
| 69) Atrazine                   | 16.82 | 200  | 178724   | 38.094 | nq    | 97       |
| 70) Pentachlorophenol          | 17.02 | 266  | 254655   | 70.635 | nq    | 96       |
| 71) Phenanthrene               | 17.40 | 178  | 858363   | 38.029 | nq    | 100      |
| 72) Anthracene                 | 17.50 | 178  | 883042   | 39.001 | nq    | 99       |
| 73) Carbazole                  | 17.76 | 167  | 827698   | 36.024 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.33 | 149  | 989769   | 38.727 | nq    | 99       |
| 75) Fluoranthene               | 19.42 | 202  | 1102115  | 40.993 | nq    | 97       |
| 77) Benzidine                  | 19.59 | 184  | 454817   | 35.727 | nq    | 98       |
| 78) Pyrene                     | 19.78 | 202  | 1088035  | 37.141 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.66 | 149  | 454145   | 37.400 | nq    | 97       |
| 81) Benzo(a)anthracene         | 21.61 | 228  | 1047614  | 38.038 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.52 | 252  | 247259   | 22.556 | nq    | 98       |
| 83) Chrysene                   | 21.67 | 228  | 992386   | 37.502 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 641408   | 38.406 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 22.71 | 149  | 1087804  | 37.666 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.37 | 276  | 1346602  | 38.328 | nq    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.79 | 252  | 1123255  | 38.151 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 23.85 | 252  | 1090180  | 38.935 | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.64 | 252  | 1042619  | 37.506 | nq    | # 98     |
| 91) Dibenzo(a,h)anthracene     | 28.44 | 278  | 1095894  | 39.124 | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 29.50 | 276  | 1111061  | 39.564 | nq    | 99       |

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



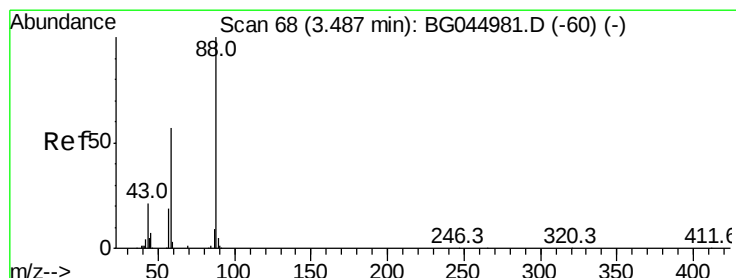
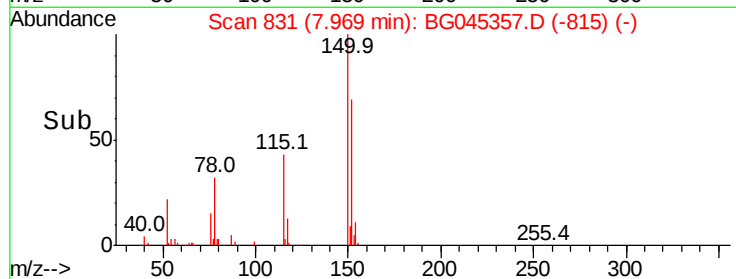
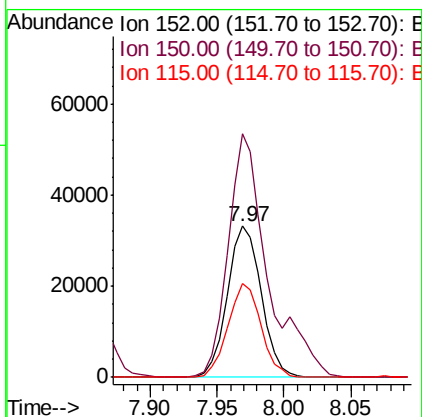
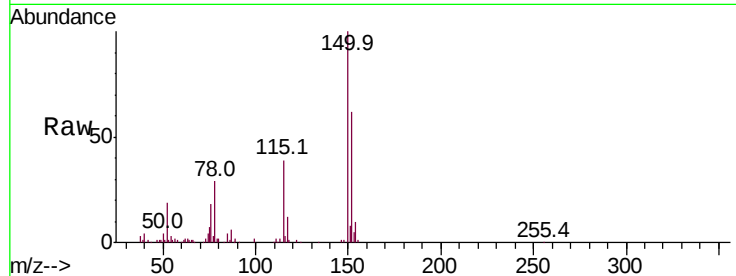


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.97 min Scan# 831  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

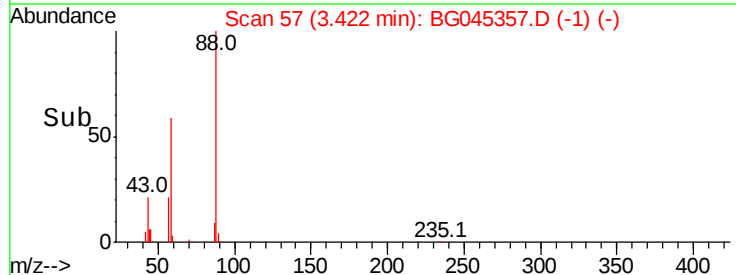
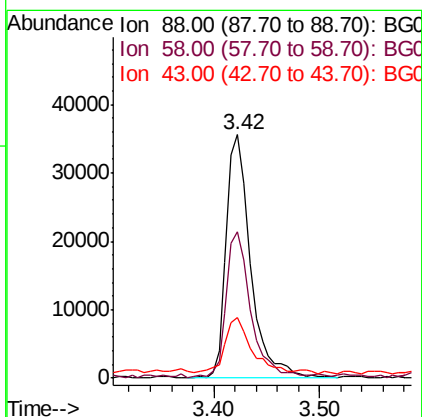
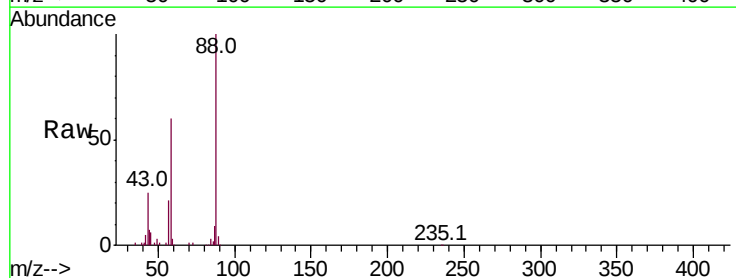
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.9 | 123.6 | 185.4 |
| 115     | 62.1  | 49.1  | 73.7  |

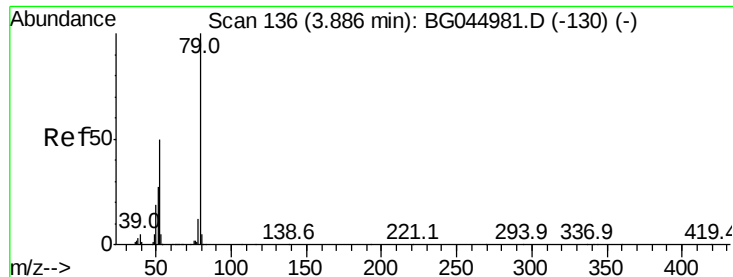


#2

1,4-Dioxane  
Concen: 36.064 ng  
RT: 3.42 min Scan# 57  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 61.4  | 46.6  | 69.8  |
| 43      | 24.5  | 17.5  | 26.3  |





#3

Pvridine

Concen: 27.001 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

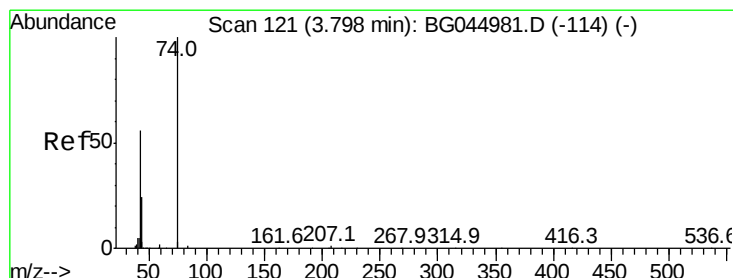
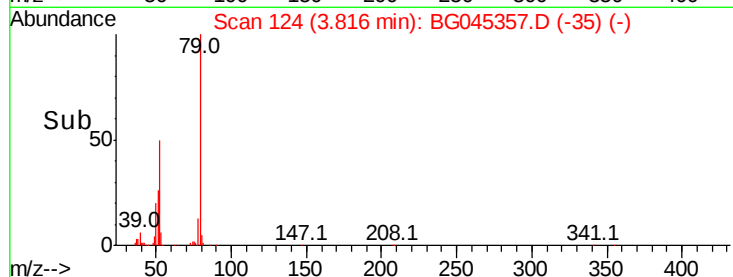
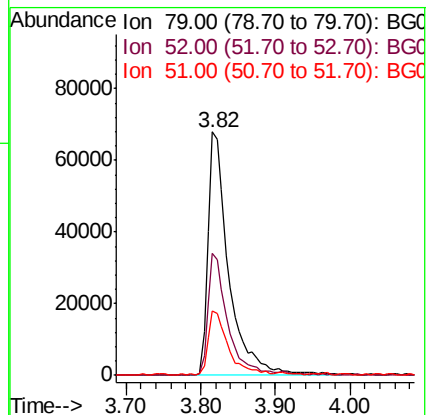
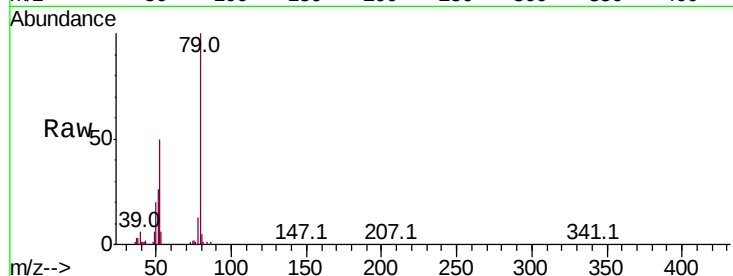
Tot Ion: 79 Resp: 131471

Ion Ratio Lower Upper

79 100

52 50.1 39.8 59.6

51 26.3 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 40.695 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

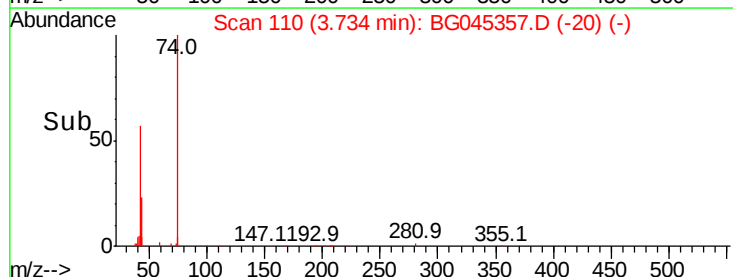
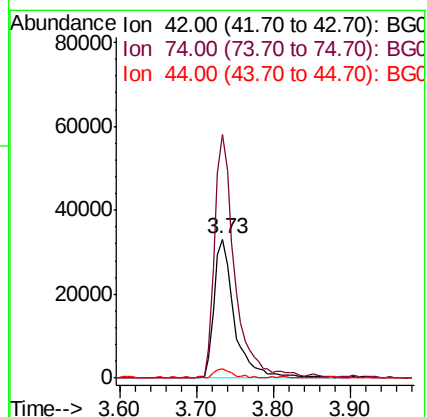
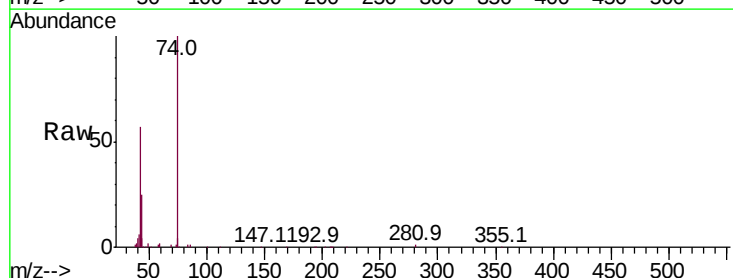
Tgt Ion: 42 Resp: 60700

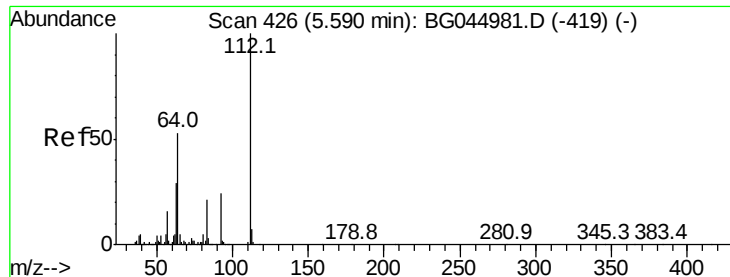
Ion Ratio Lower Upper

42 100

74 175.1 143.0 214.6

44 7.1 4.6 6.8#





#5

2-Fluorophenol

Concen: 125.016 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

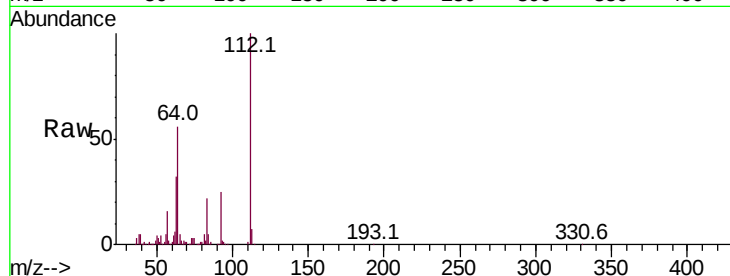
Tot Ion:112 Resp: 444855

Ion Ratio Lower Upper

112 100

64 56.1 42.4 63.6

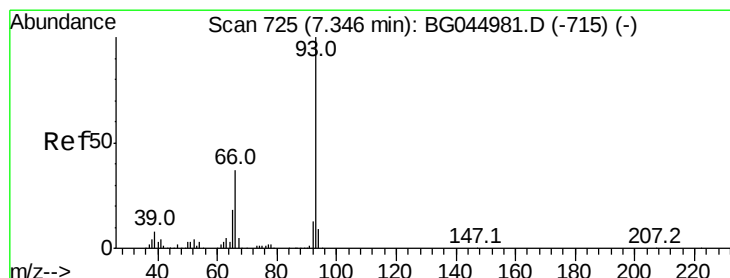
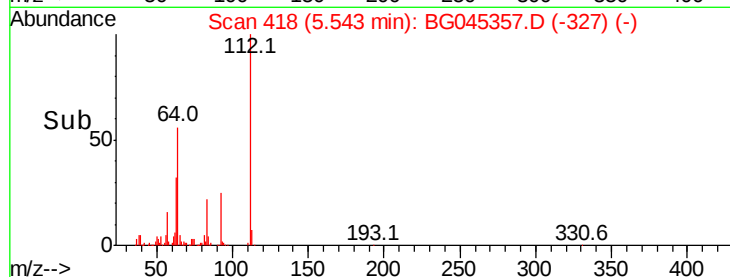
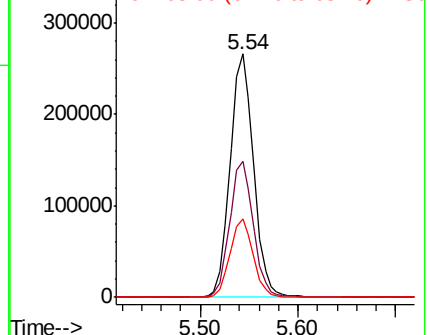
63 32.3 23.1 34.7



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: 23.236 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

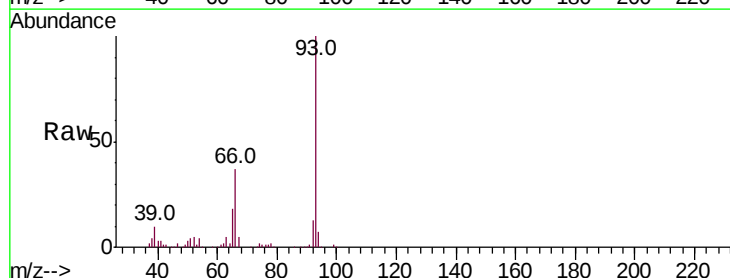
Tgt Ion: 93 Resp: 159720

Ion Ratio Lower Upper

93 100

66 37.3 29.8 44.8

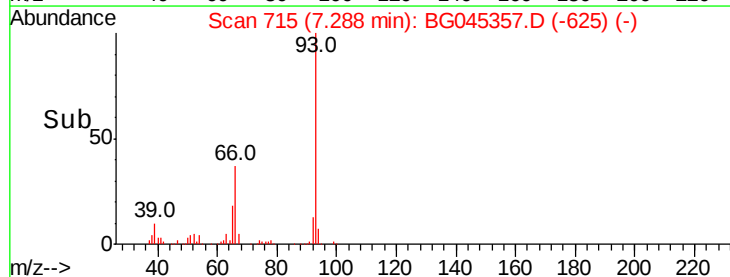
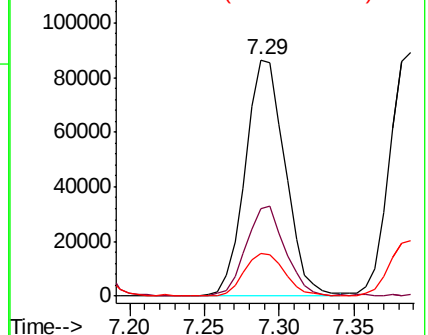
65 18.0 14.6 22.0



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: 115.425 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

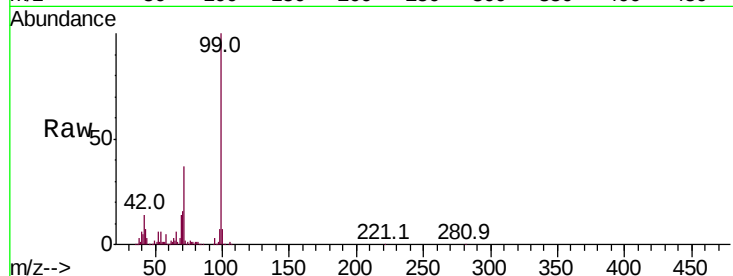
Tot Ion: 99 Resp: 610239

Ion Ratio Lower Upper

99 100

42 13.8 11.3 16.9

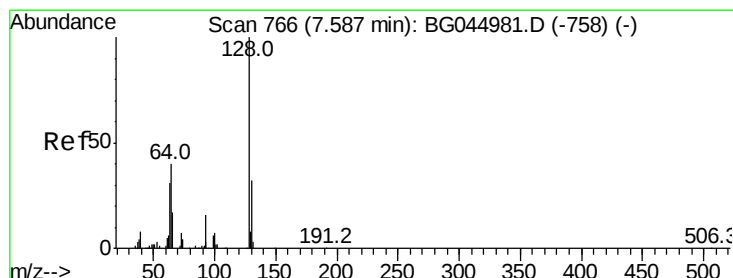
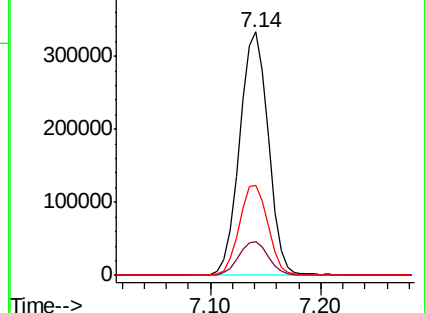
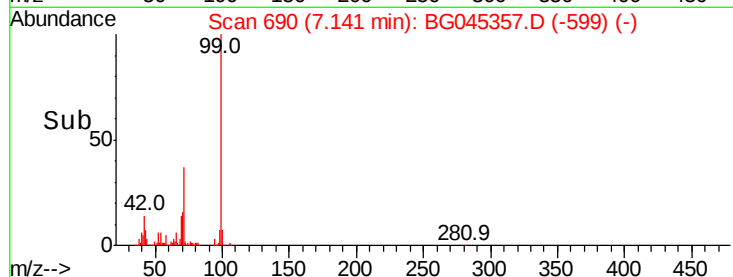
71 37.0 28.3 42.5



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: 40.448 ng

RT: 7.53 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

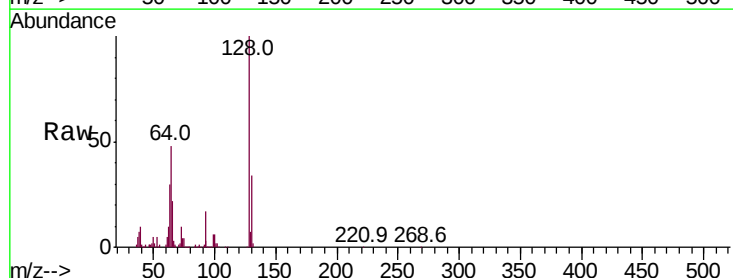
Tgt Ion:128 Resp: 154684

Ion Ratio Lower Upper

128 100

130 34.4 12.3 52.3

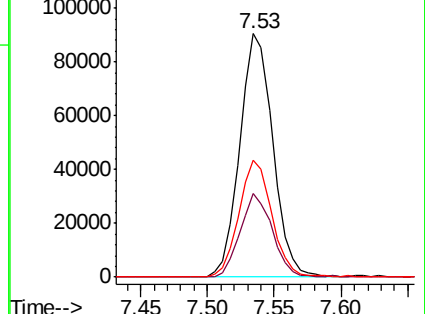
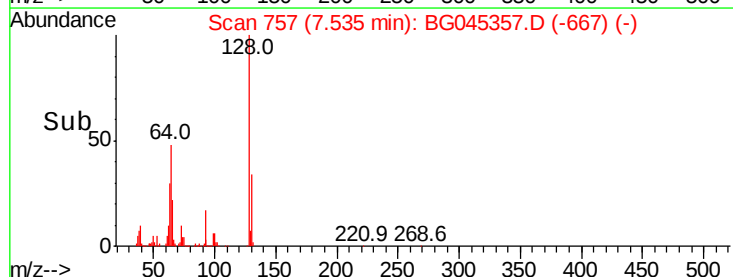
64 48.1 24.4 64.4



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: 39.761 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG045357.D

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Instrument :

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ClientSampleId :

PB128795BS

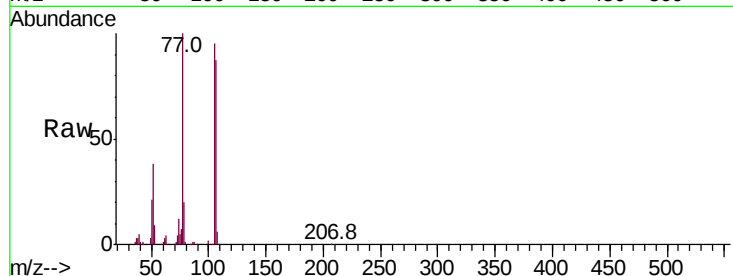
Tot Ion: 77 Resp: 118673

Ion Ratio Lower Upper

77 100

105 95.3 72.9 112.9

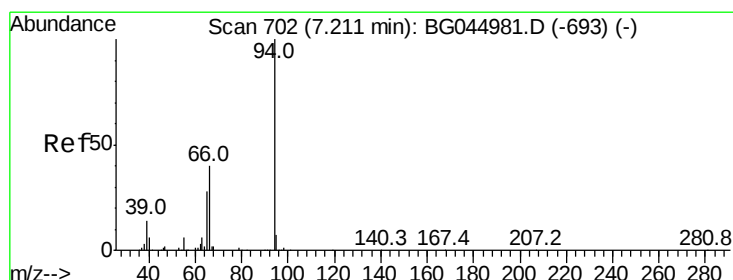
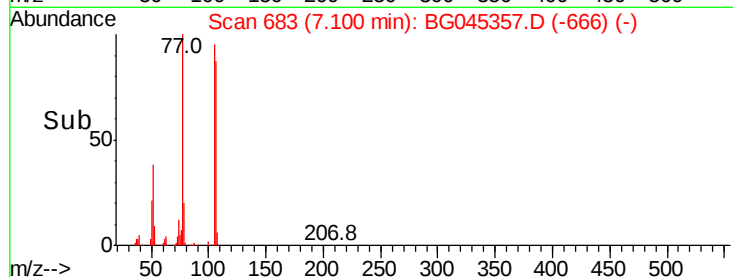
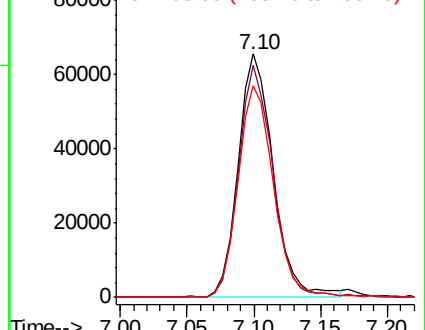
106 86.7 67.6 107.6



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: 39.687 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

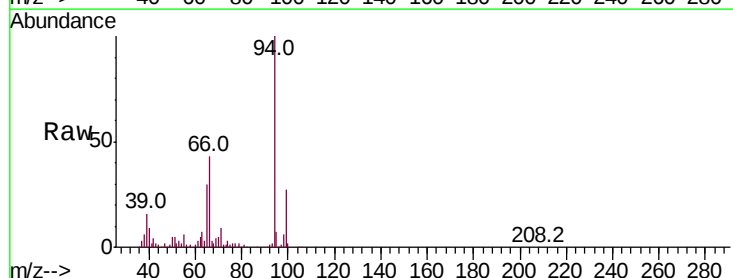
Tgt Ion: 94 Resp: 209963

Ion Ratio Lower Upper

94 100

65 29.8 8.2 48.2

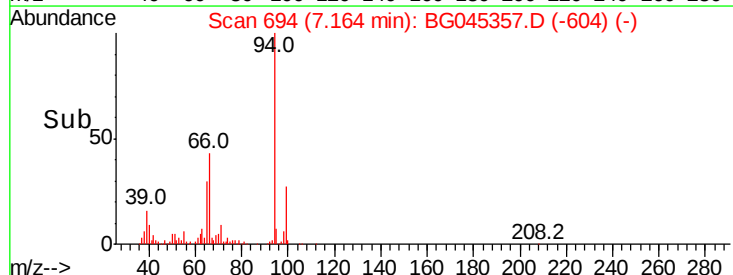
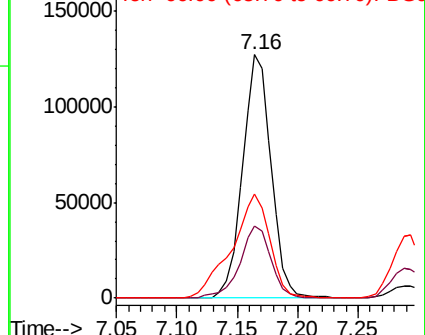
66 42.5 20.4 60.4

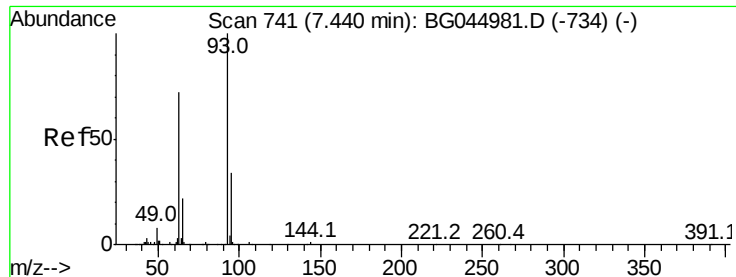


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

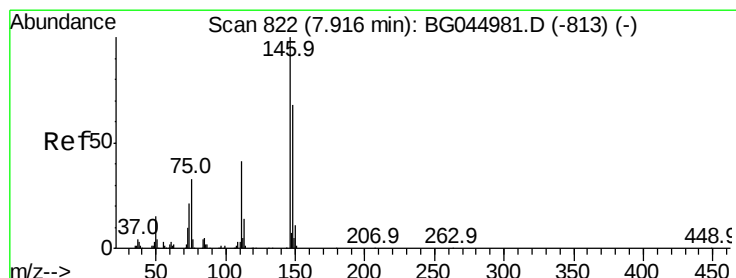
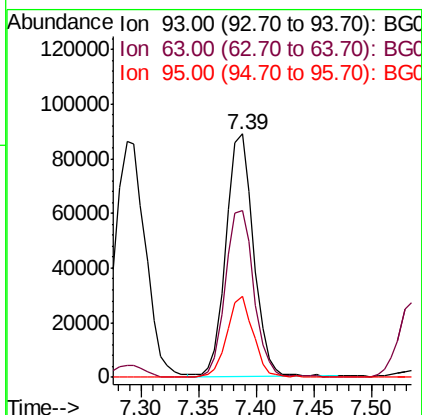
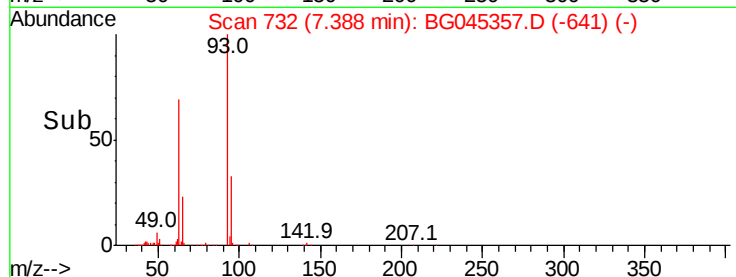
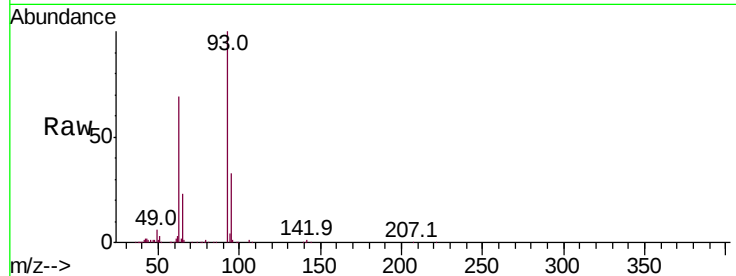




#11  
bis(2-Chloroethyl)ether  
Concen: 34.900 ng  
RT: 7.39 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

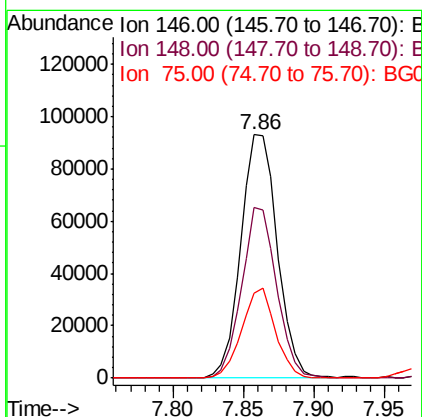
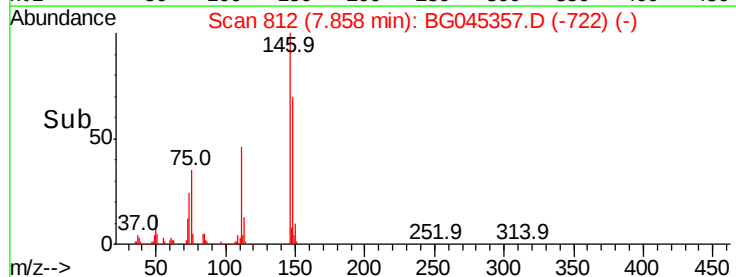
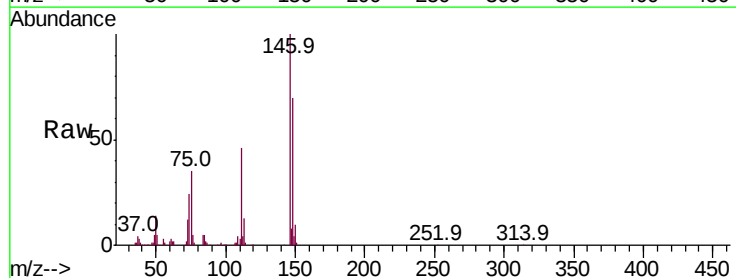
Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

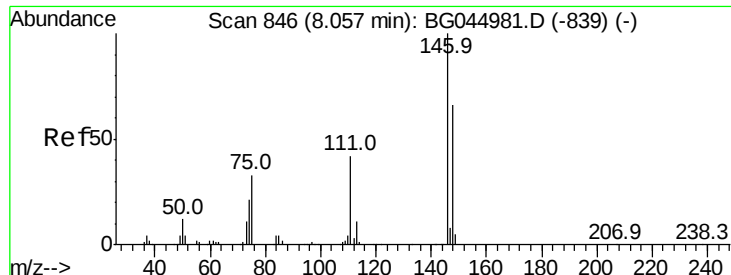
Tot Ion: 93 Resp: 147004  
Ion Ratio Lower Upper  
93 100  
63 68.6 51.8 91.8  
95 33.2 13.8 53.8



#12  
1,3-Dichlorobenzene  
Concen: 37.359 ng  
RT: 7.86 min Scan# 812  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

Tgt Ion: 146 Resp: 168355  
Ion Ratio Lower Upper  
146 100  
148 70.0 54.6 81.8  
75 34.8 26.0 39.0

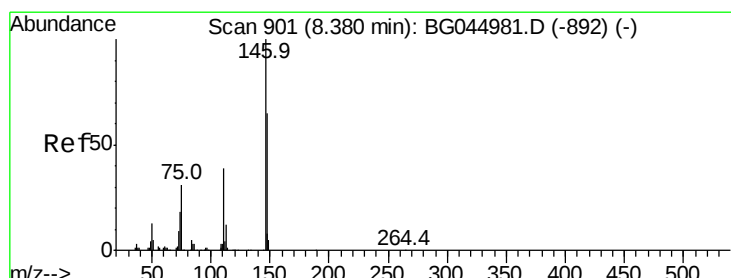
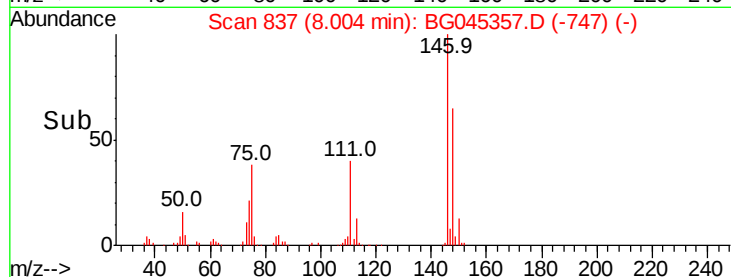
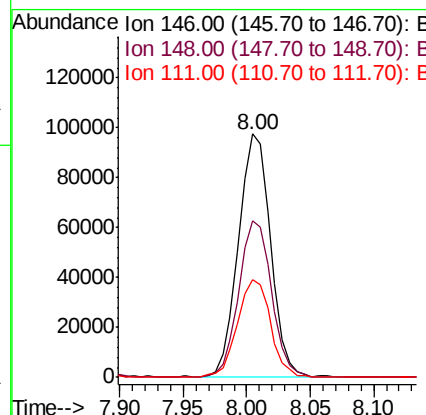
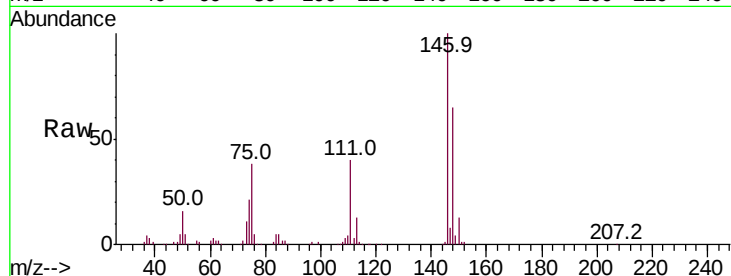




#13  
 1,4-Dichlorobenzene  
 Concen: 37.976 ng  
 RT: 8.00 min Scan# 837  
 Delta R.T. -0.00 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

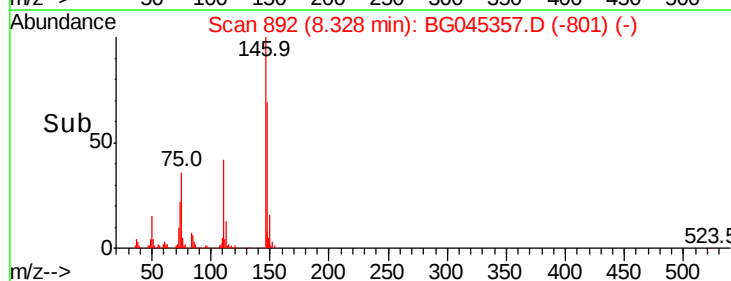
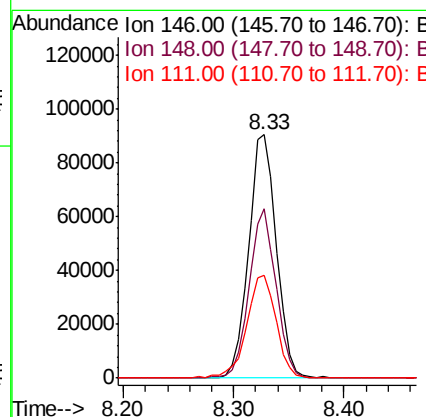
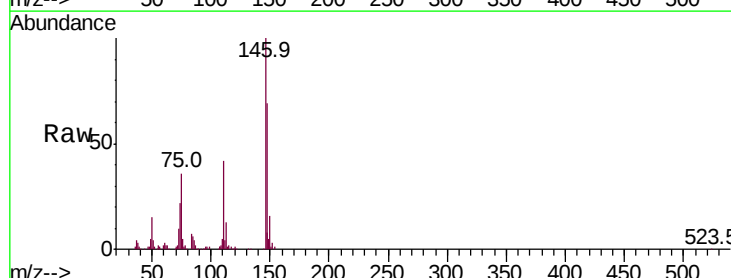
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB128795BS

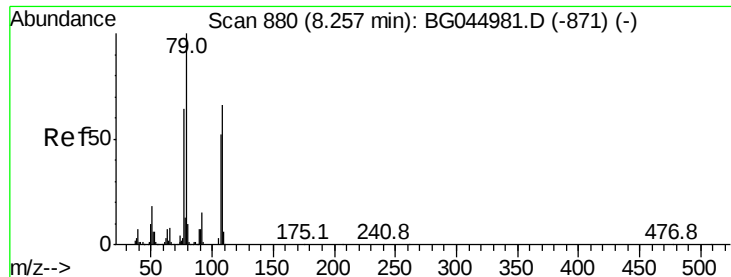
Tot Ion:146 Resp: 170528  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 53.3 79.9  
 111 39.9 33.8 50.8



#14  
 1,2-Dichlorobenzene  
 Concen: 37.163 ng  
 RT: 8.33 min Scan# 892  
 Delta R.T. 0.00 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

Tgt Ion:146 Resp: 159650  
 Ion Ratio Lower Upper  
 146 100  
 148 69.3 51.9 77.9  
 111 42.0 31.3 46.9





#15

Benzyl Alcohol

Concen: 36.508 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

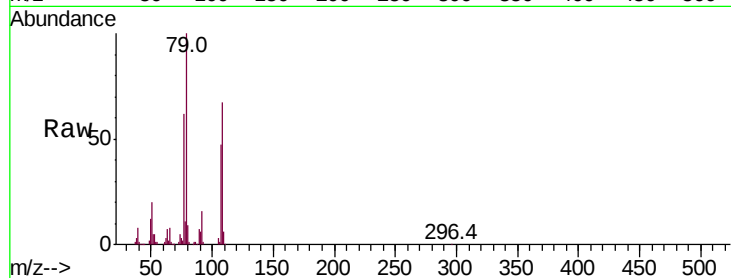
Tot Ion: 79 Resp: 161827

Ion Ratio Lower Upper

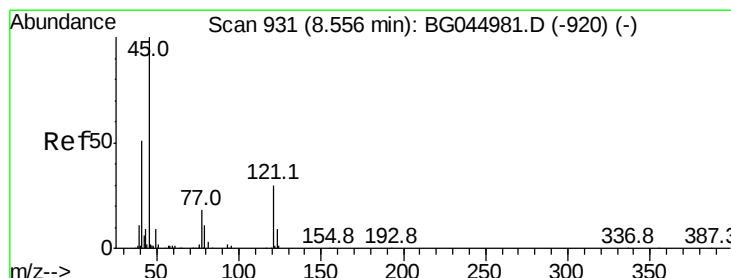
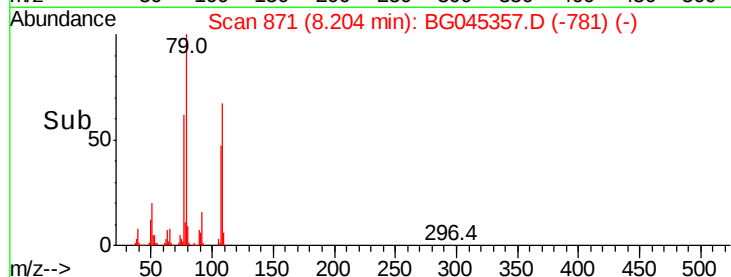
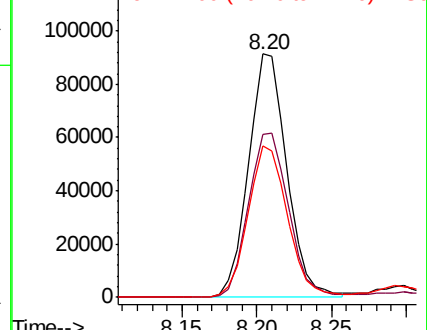
79 100

108 66.8 52.7 79.1

77 62.0 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: 33.041 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

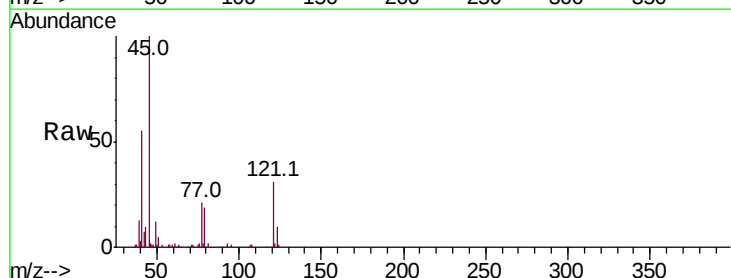
Tgt Ion: 45 Resp: 136616

Ion Ratio Lower Upper

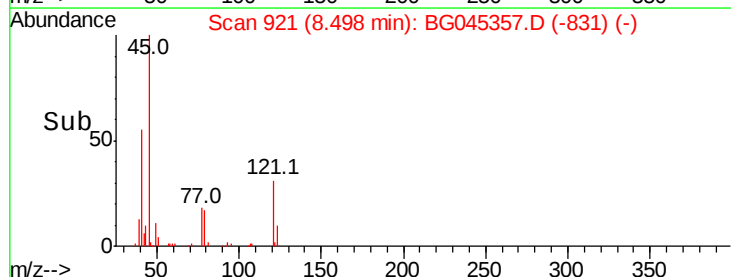
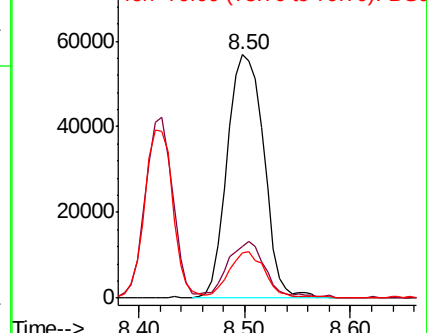
45 100

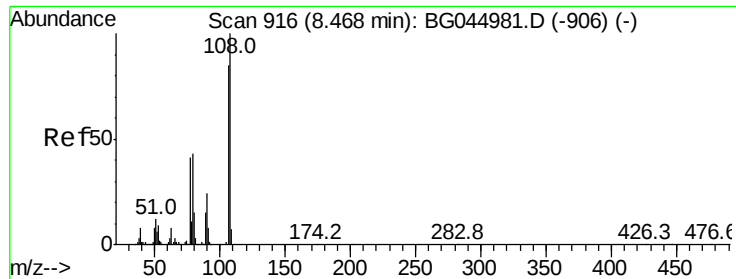
77 21.3 1.9 41.9

79 18.8 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: 35.818 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

Tot Ion:107 Resp: 146204

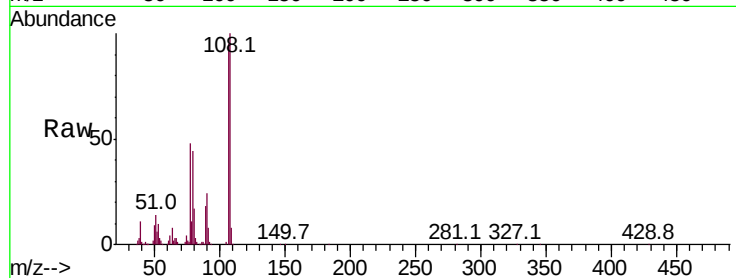
Ion Ratio Lower Upper

107 100

108 104.7 93.8 140.6

77 49.9 38.5 57.7

79 46.1 40.1 60.1

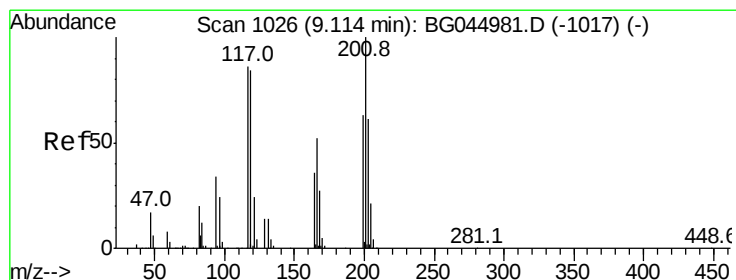
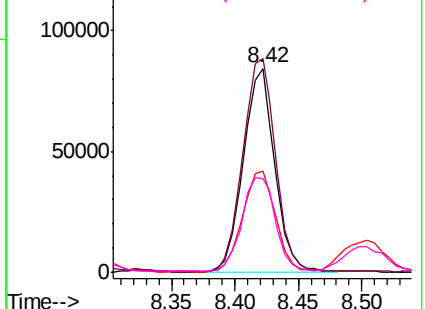
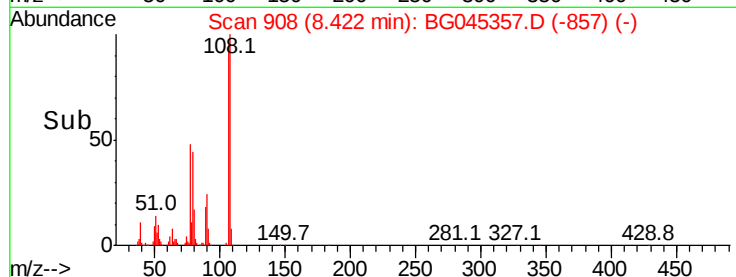


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 38.917 ng

RT: 9.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

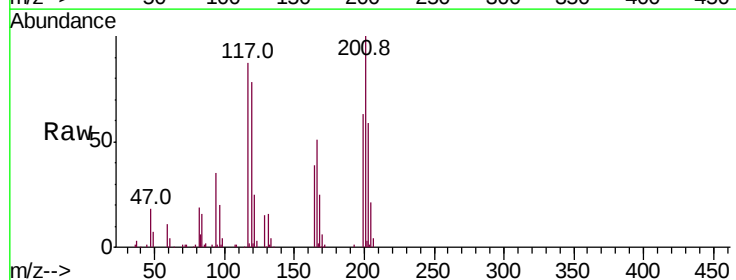
Tgt Ion:117 Resp: 65694

Ion Ratio Lower Upper

117 100

119 90.6 78.3 117.5

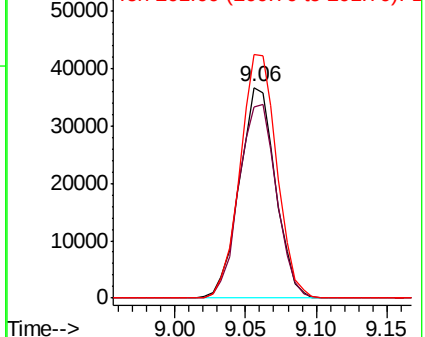
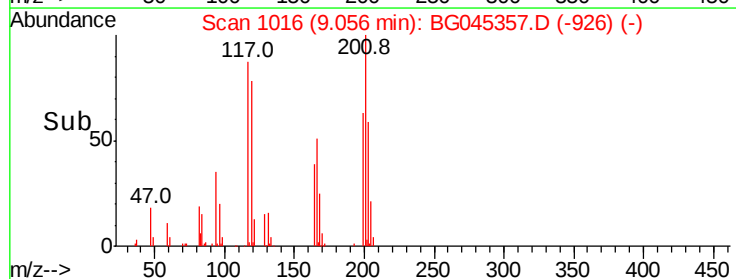
201 115.4 92.9 139.3

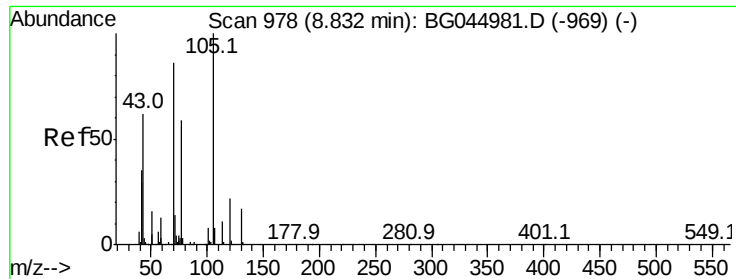


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

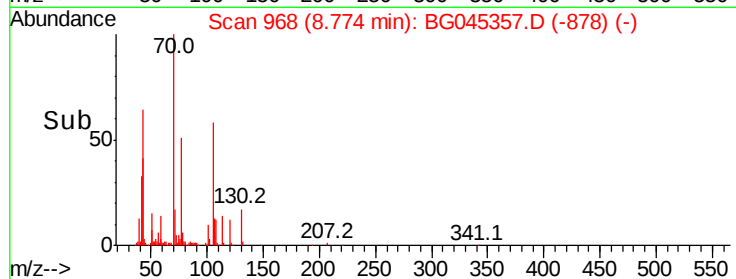
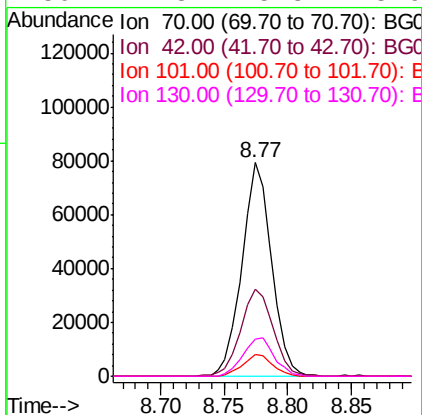
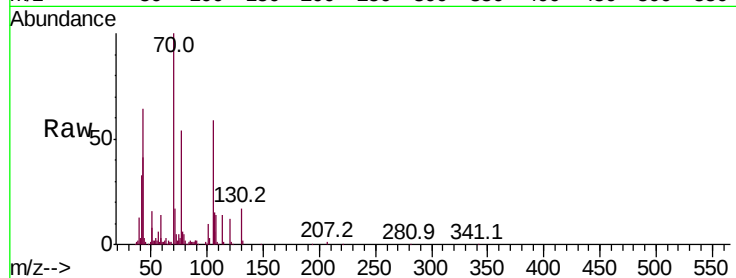




#19  
n-Nitroso-di-n-propylamine  
Concen: 34.474 ng  
RT: 8.77 min Scan# 968  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

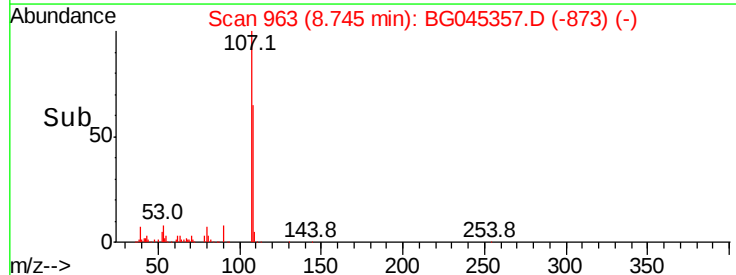
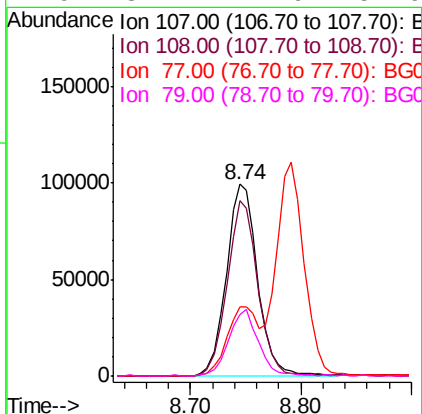
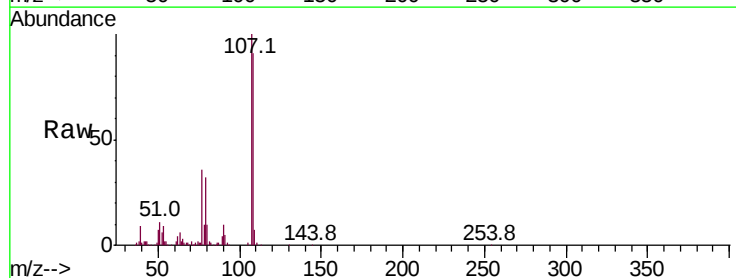
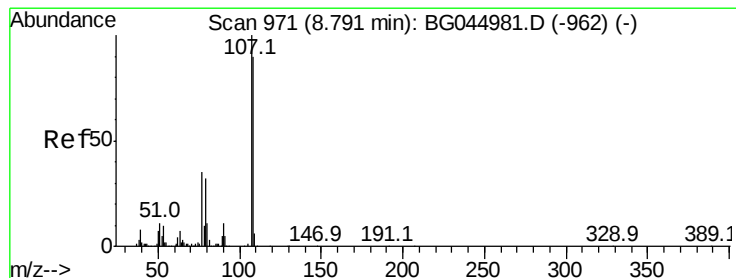
Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

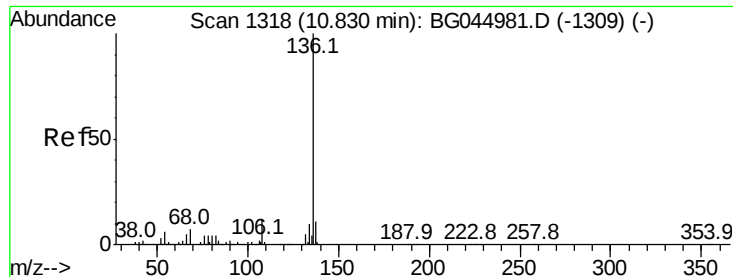
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 128894 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 40.7  | 33.3  | 49.9   |
| 101      | 10.4  | 7.8   | 11.8   |
| 130      | 17.3  | 15.8  | 23.6   |



#20  
3+4-Methylphenols  
Concen: 34.280 ng  
RT: 8.74 min Scan# 963  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 195856 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.4  | 69.9  | 109.9  |
| 77       | 36.1  | 15.2  | 55.2   |
| 79       | 32.1  | 11.6  | 51.6   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

Tot Ion:136 Resp: 235447

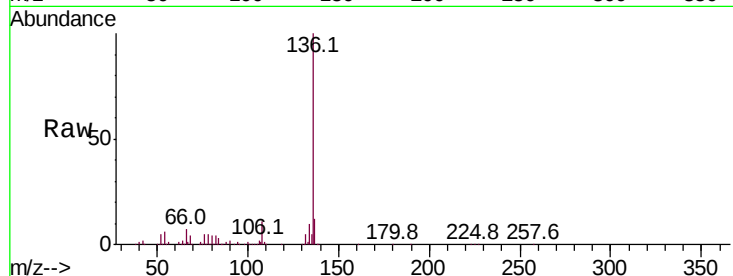
Ion Ratio Lower Upper

136 100

137 11.8 8.6 13.0

54 6.0 4.8 7.2

68 4.4 5.2 7.8#



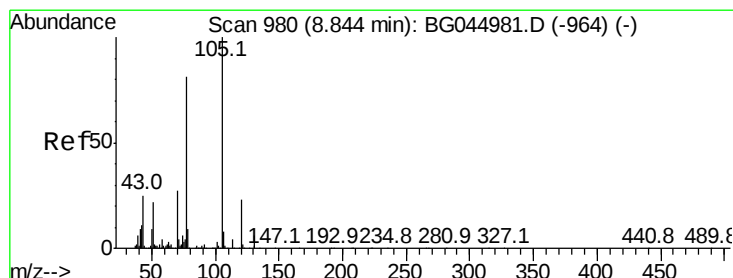
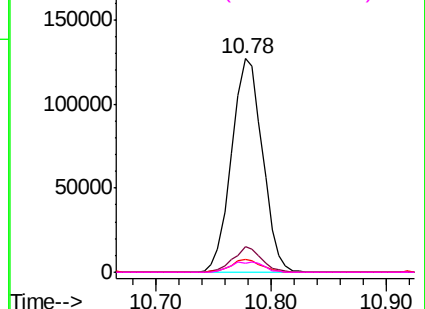
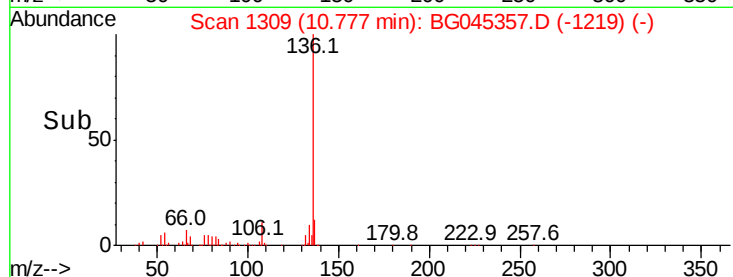
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.523 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Tgt Ion:105 Resp: 238910

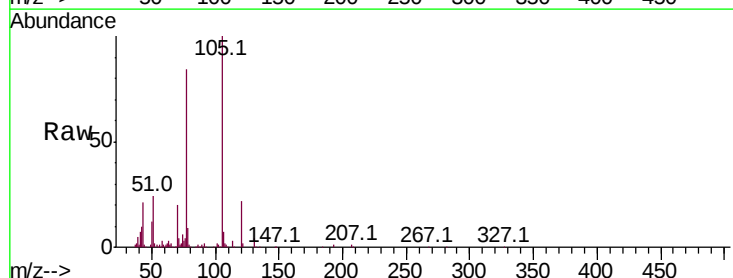
Ion Ratio Lower Upper

105 100

71 3.6 3.3 4.9

51 23.8 17.3 25.9

120 22.3 18.4 27.6



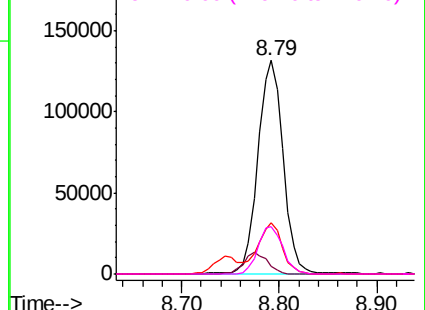
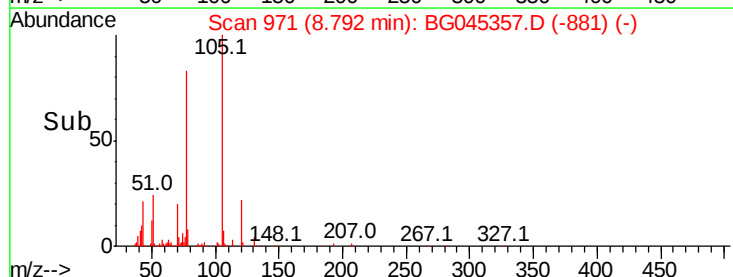
Abundance

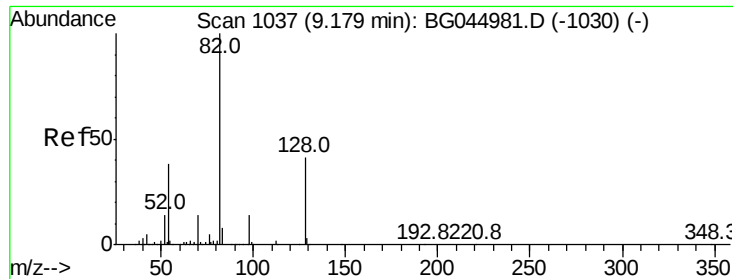
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

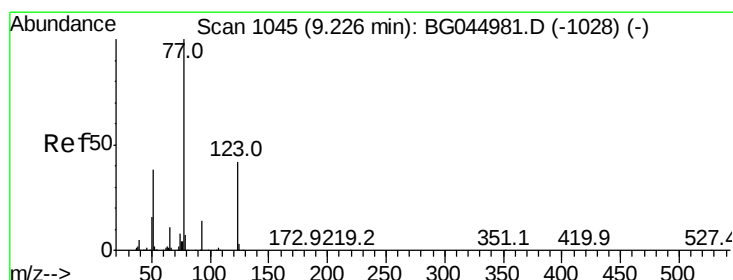
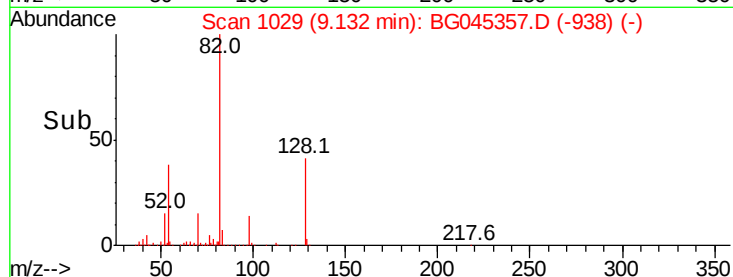
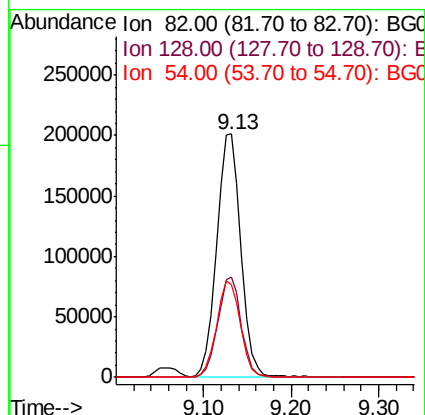
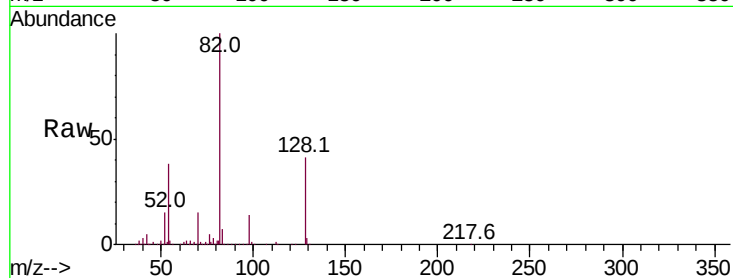




#23  
Nitrobenzene-d5  
Concen: 74.413 ng  
RT: 9.13 min Scan# 1029  
Delta R.T. 0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

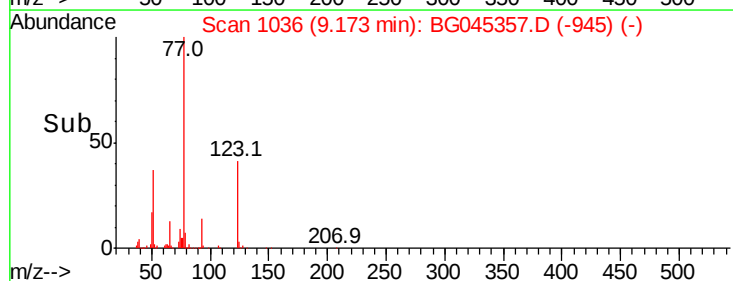
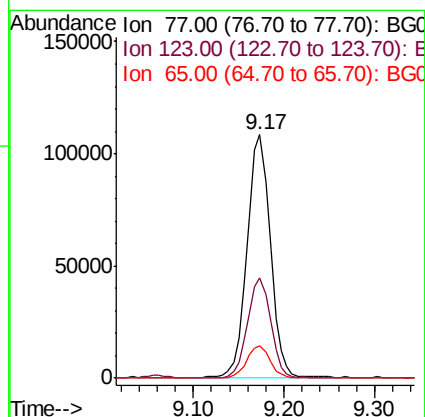
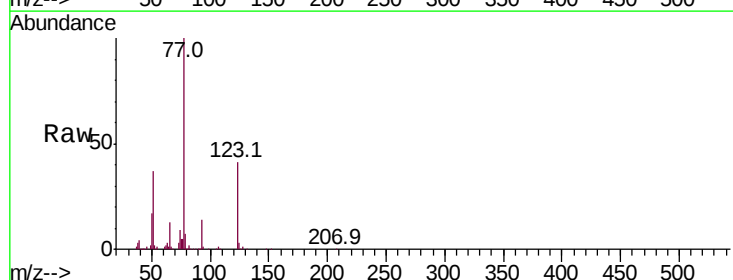
Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

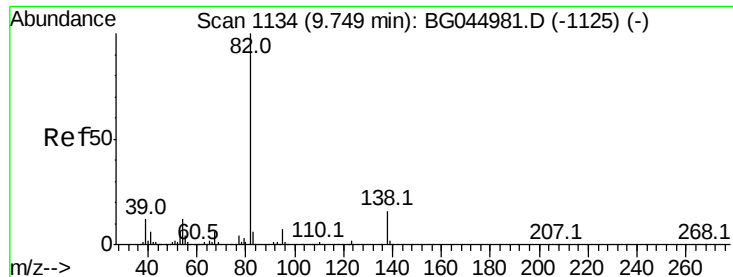
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.2  | 33.0  | 49.4  |
| 54      | 38.3  | 30.4  | 45.6  |



#24  
Nitrobenzene  
Concen: 36.864 ng  
RT: 9.17 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.1  | 34.3  | 51.5  |
| 65      | 13.1  | 8.9   | 13.3  |





#25

Isophorone

Concen: 34.383 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

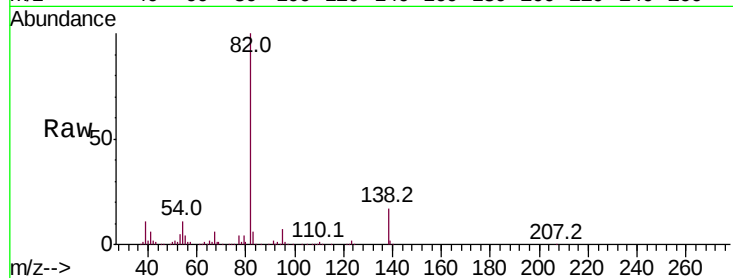
Tot Ion: 82 Resp: 363331

Ion Ratio Lower Upper

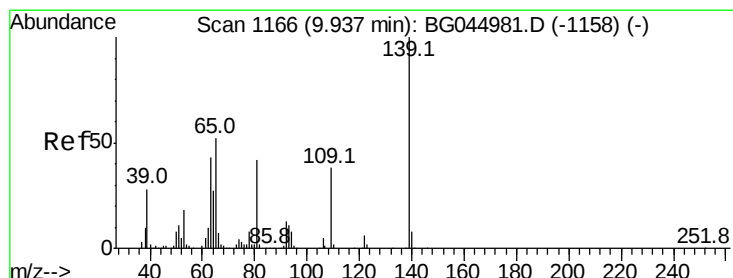
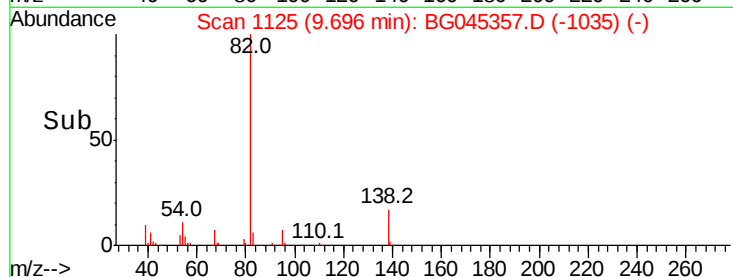
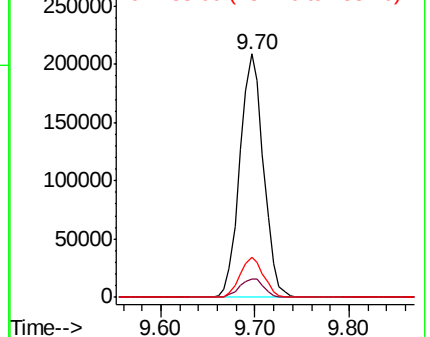
82 100

95 7.4 6.0 9.0

138 16.7 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: 39.610 ng

RT: 9.89 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

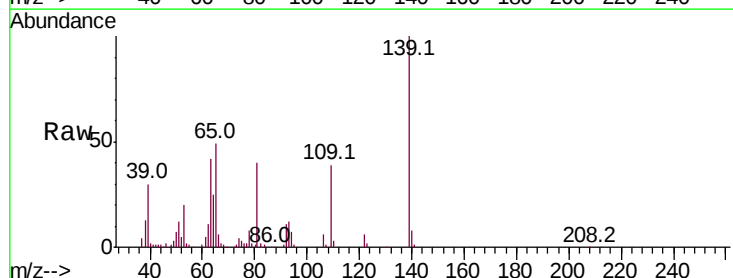
Tgt Ion: 139 Resp: 90245

Ion Ratio Lower Upper

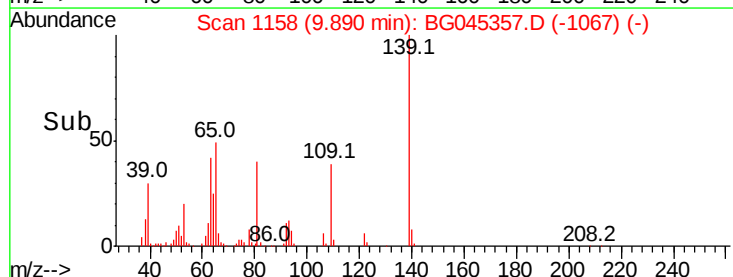
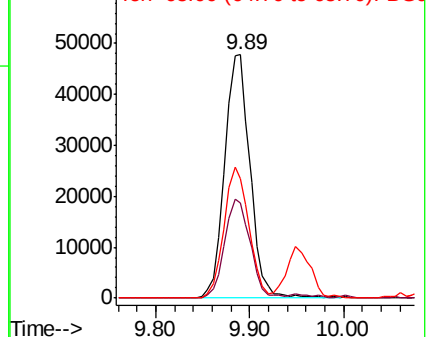
139 100

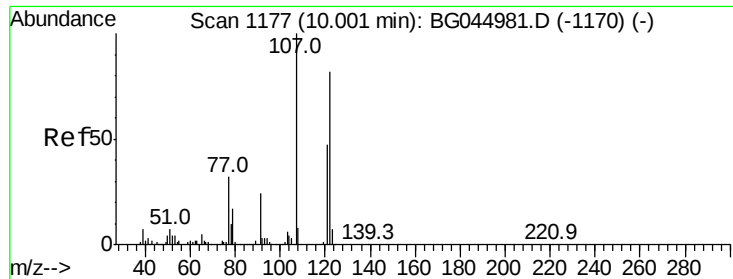
109 38.9 30.6 45.8

65 49.0 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: 40.281 ng

RT: 9.95 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

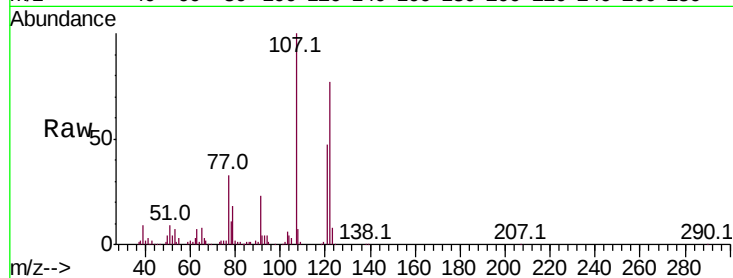
Tot Ion:122 Resp: 145619

Ion Ratio Lower Upper

122 100

107 130.0 96.8 145.2

121 61.5 45.6 68.4

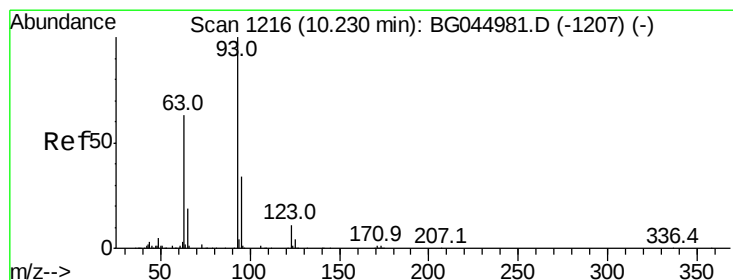
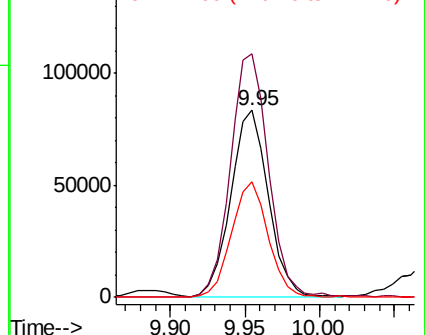
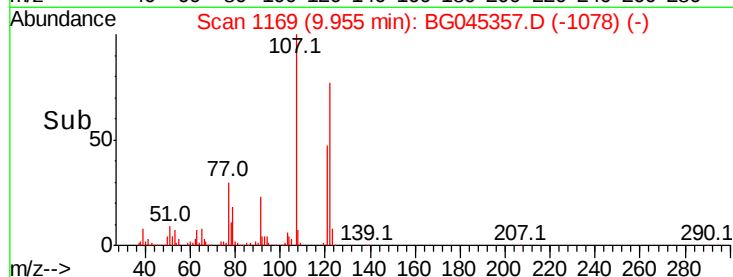


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.220 ng

RT: 10.18 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

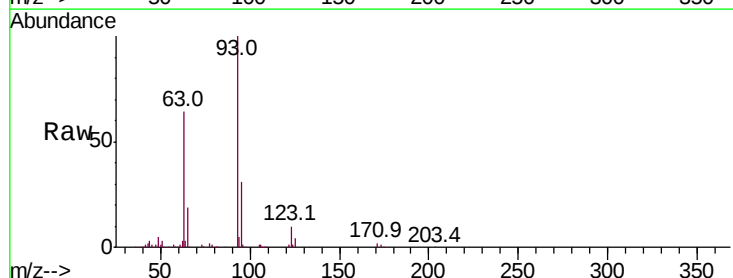
Tgt Ion: 93 Resp: 201099

Ion Ratio Lower Upper

93 100

95 31.1 27.0 40.4

123 10.3 8.7 13.1

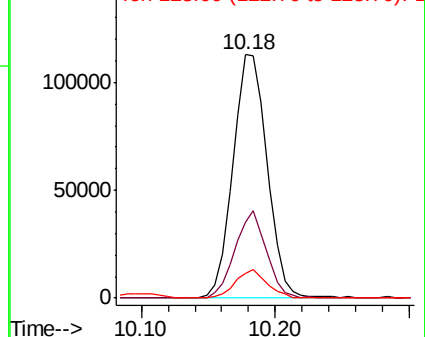
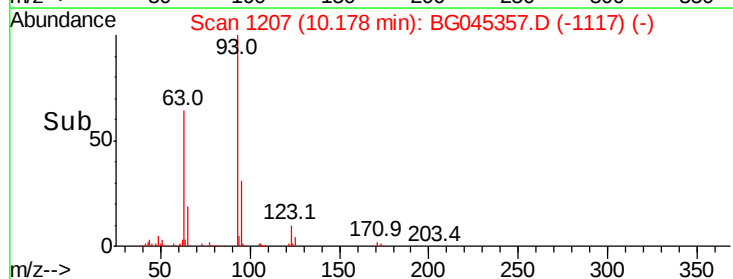


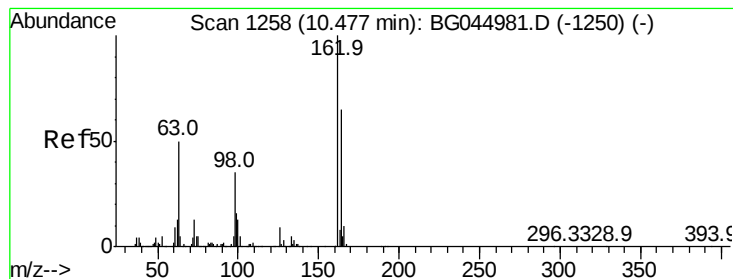
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.461 ng

RT: 10.43 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

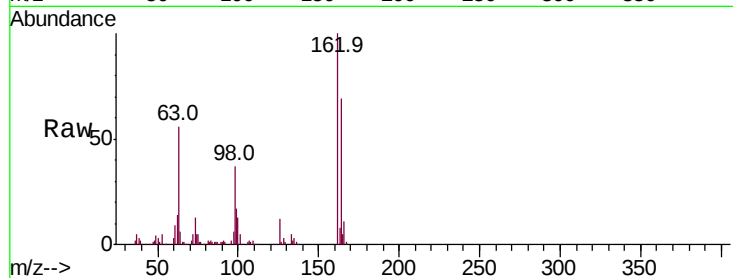
Tot Ion:162 Resp: 164722

Ion Ratio Lower Upper

162 100

164 68.9 45.0 85.0

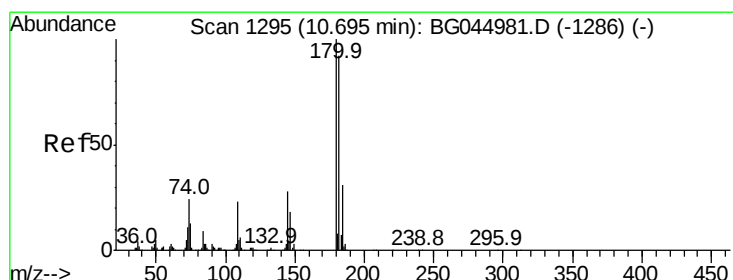
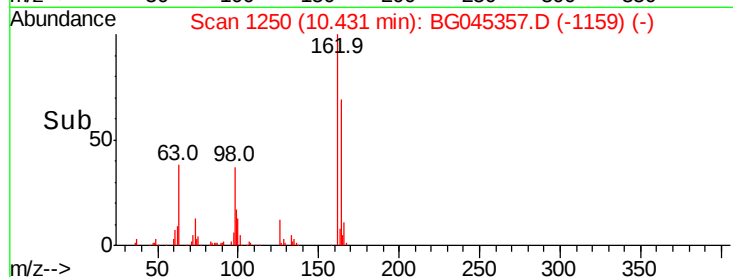
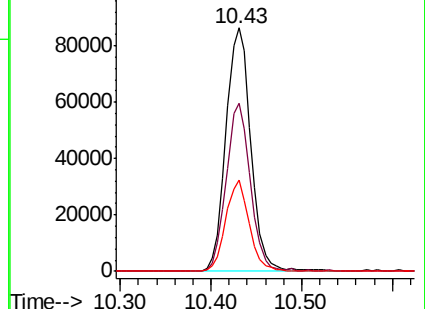
98 37.3 15.2 55.2



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: 37.556 ng

RT: 10.64 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

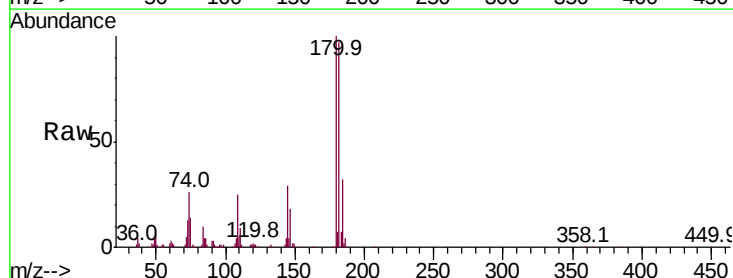
Tgt Ion:180 Resp: 177494

Ion Ratio Lower Upper

180 100

182 97.0 73.3 109.9

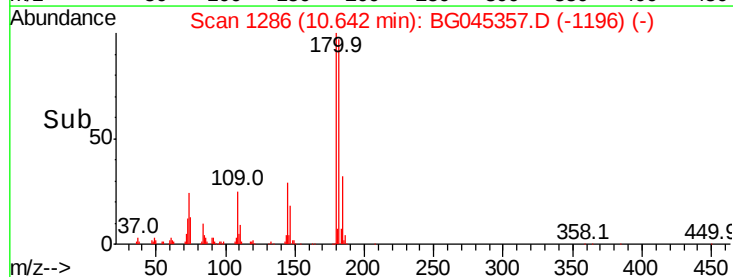
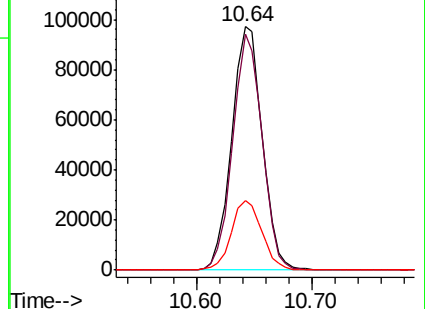
145 28.7 22.6 33.8

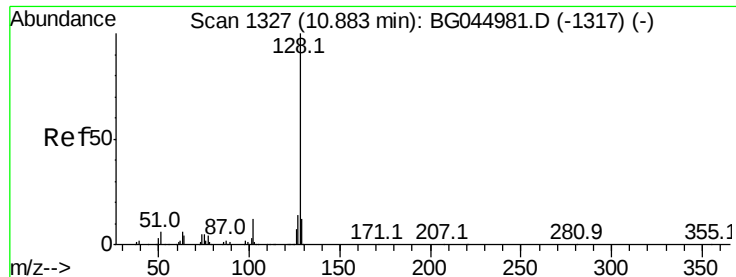


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.514 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

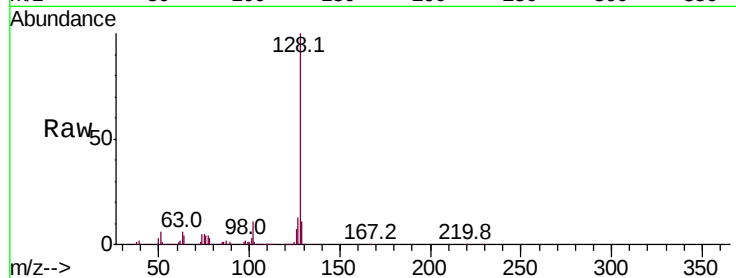
Tot Ion:128 Resp: 483181

Ion Ratio Lower Upper

128 100

129 10.7 9.4 14.2

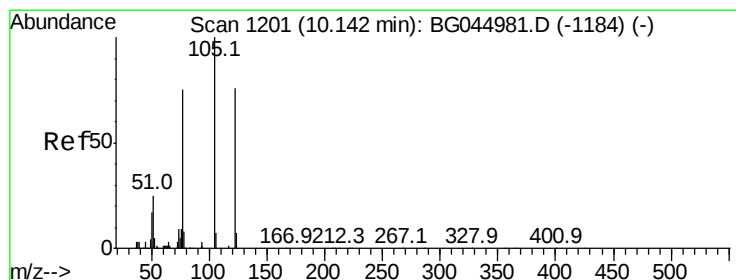
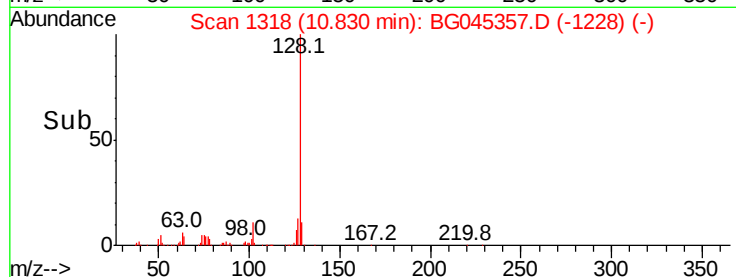
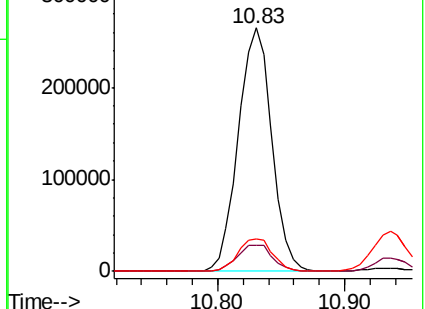
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.466 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

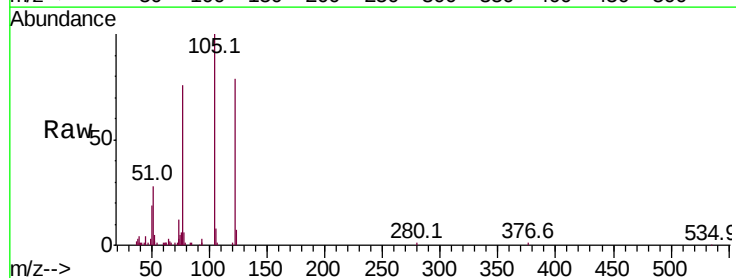
Tgt Ion:122 Resp: 84500

Ion Ratio Lower Upper

122 100

105 127.0 108.4 148.4

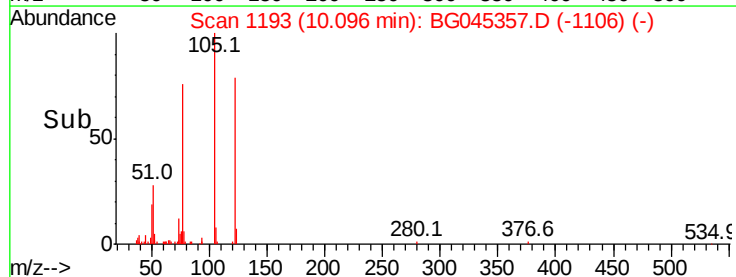
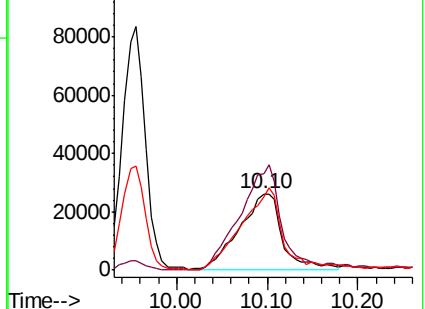
77 97.0 78.8 118.8

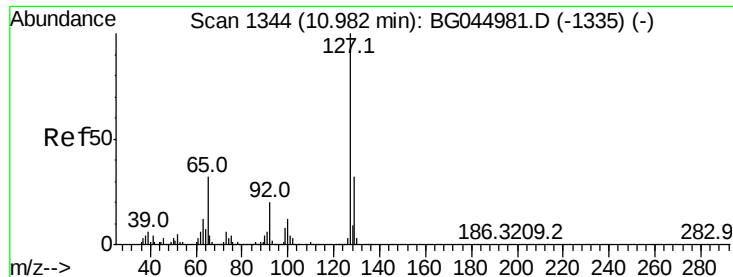


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

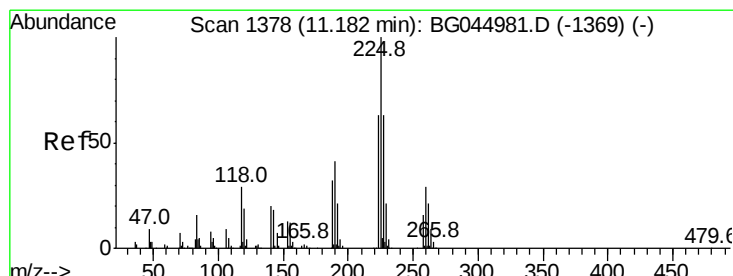
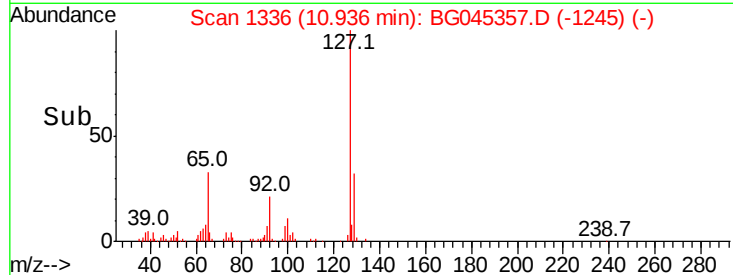
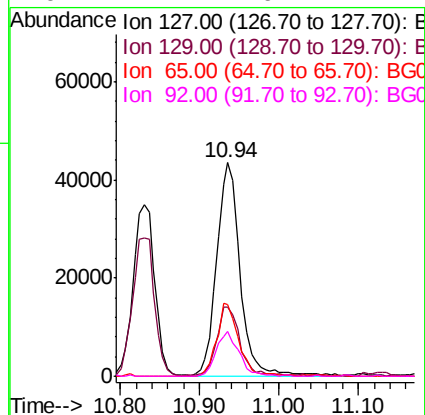
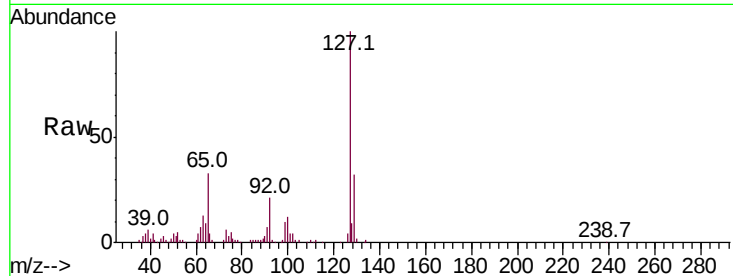




#33  
4-Chloroaniline  
Concen: 14.872 ng  
RT: 10.94 min Scan# 1336  
Delta R.T. 0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

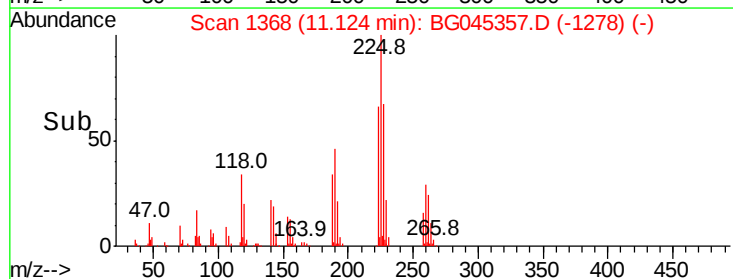
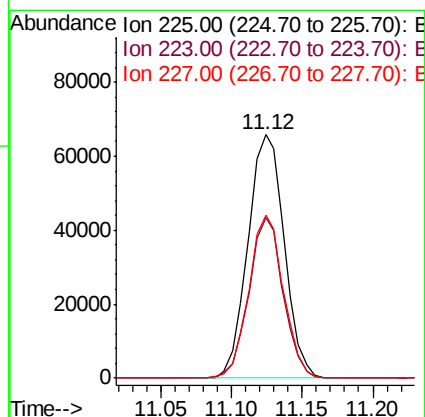
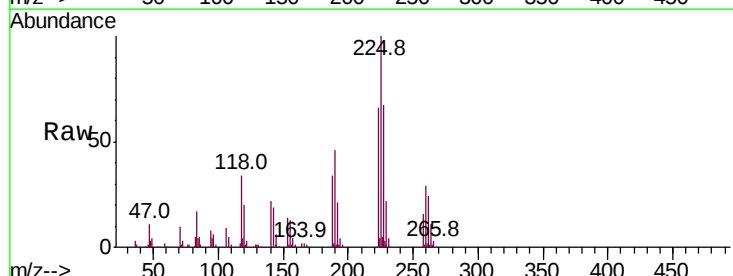
Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 89334 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.5  | 25.7  | 38.5  |
| 65       | 33.5  | 25.4  | 38.2  |
| 92       | 21.1  | 16.1  | 24.1  |



#34  
Hexachlorobutadiene  
Concen: 36.494 ng  
RT: 11.12 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 118251 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.8  | 50.7  | 76.1   |
| 227      | 67.2  | 50.2  | 75.2   |

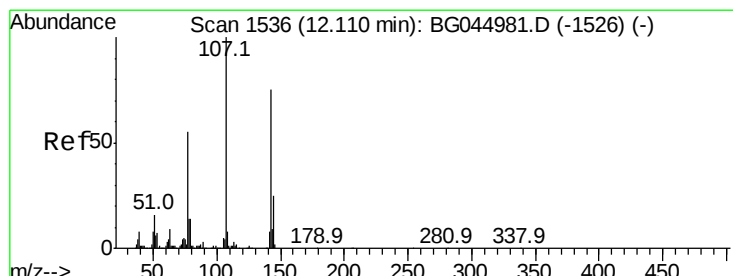
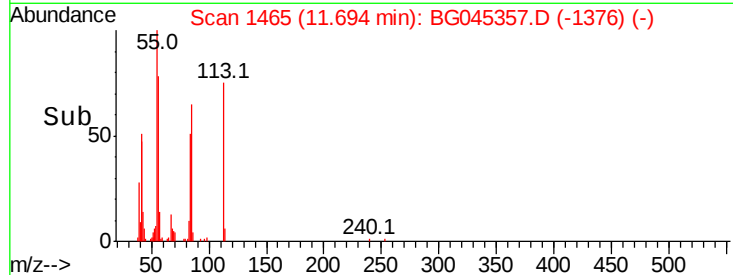
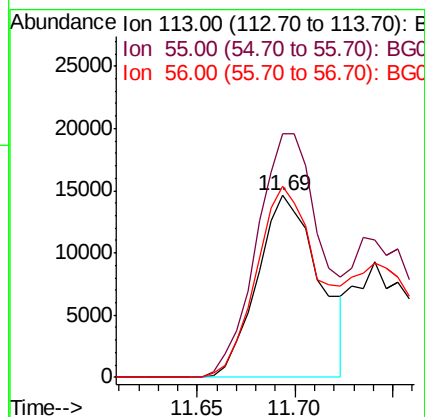
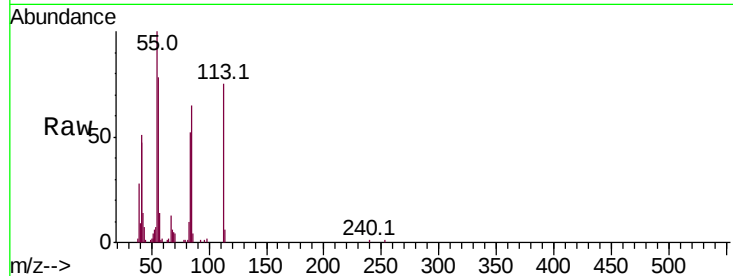




#35  
 Caprolactam  
 Concen: 19.310 ng  
 RT: 11.69 min Scan# 1465  
 Delta R.T. -0.01 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

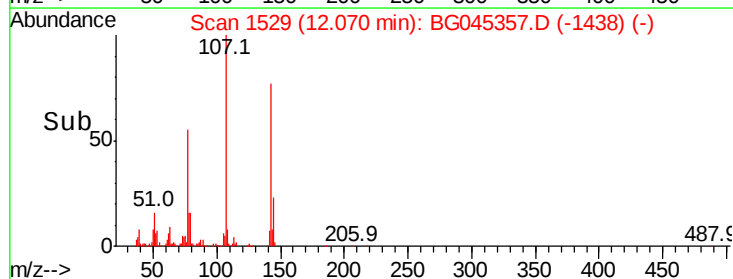
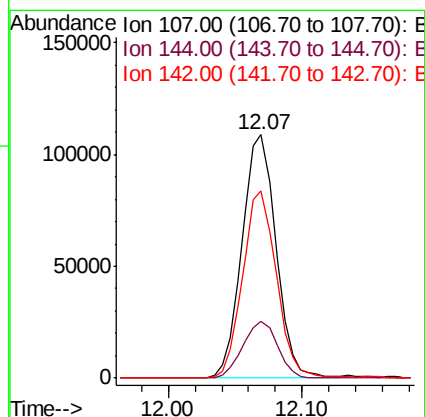
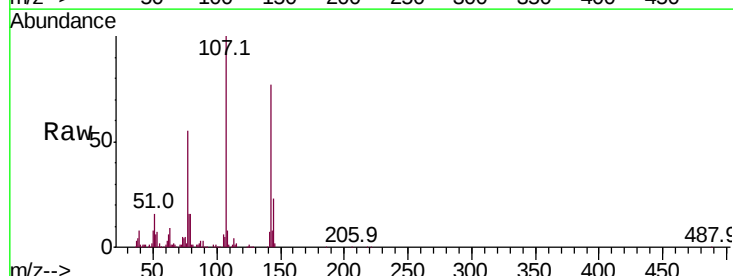
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB128795BS

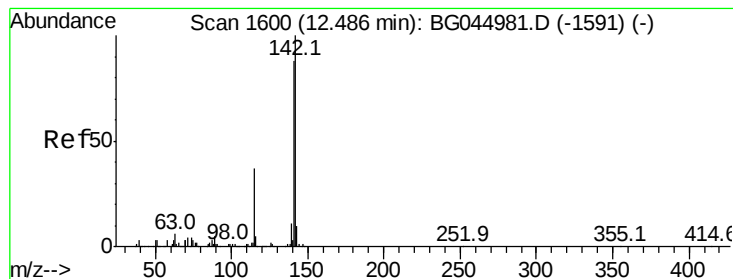
Tot Ion:113 Resp: 32080  
 Ion Ratio Lower Upper  
 113 100  
 55 134.0 118.8 158.8  
 56 104.9 82.6 122.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.124 ng  
 RT: 12.07 min Scan# 1529  
 Delta R.T. 0.00 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

Tgt Ion:107 Resp: 191853  
 Ion Ratio Lower Upper  
 107 100  
 144 23.3 19.8 29.6  
 142 76.8 59.7 89.5





#37

2-Methylnaphthalene

Concen: 36.414 ng

RT: 12.44 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

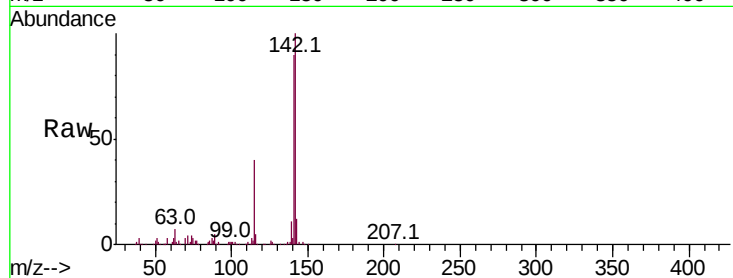
Tot Ion:142 Resp: 364041

Ion Ratio Lower Upper

142 100

141 90.2 70.3 105.5

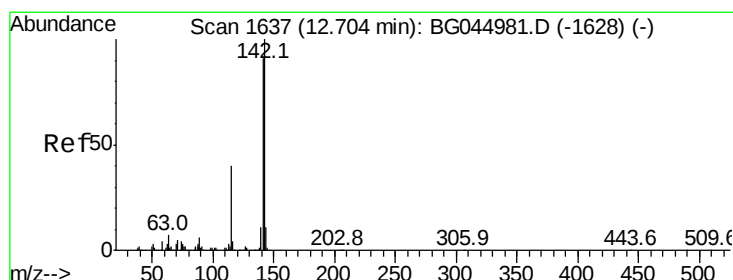
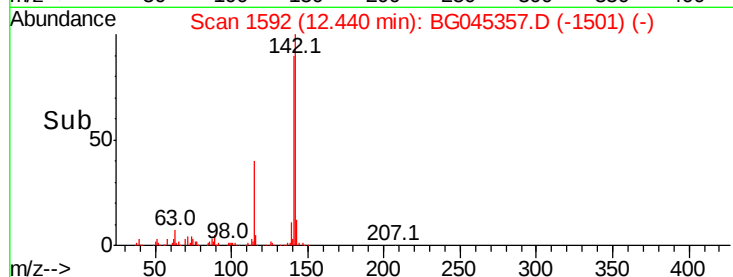
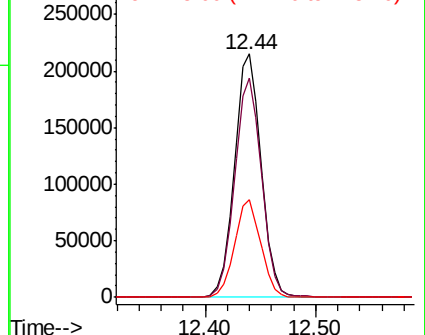
115 40.1 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.786 ng

RT: 12.66 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

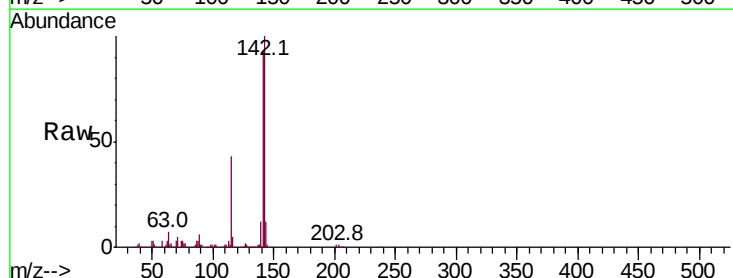
Tgt Ion:142 Resp: 347182

Ion Ratio Lower Upper

142 100

141 93.4 72.7 109.1

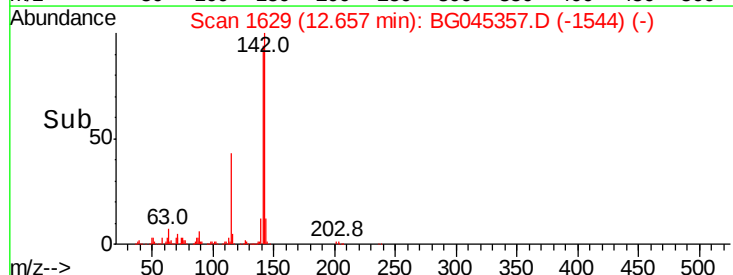
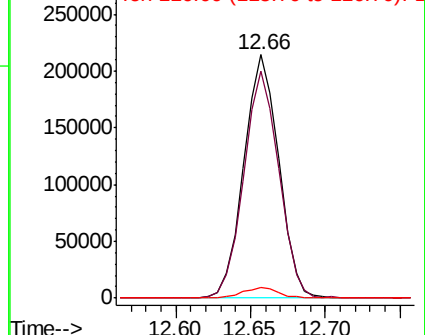
116 4.5 3.1 4.7

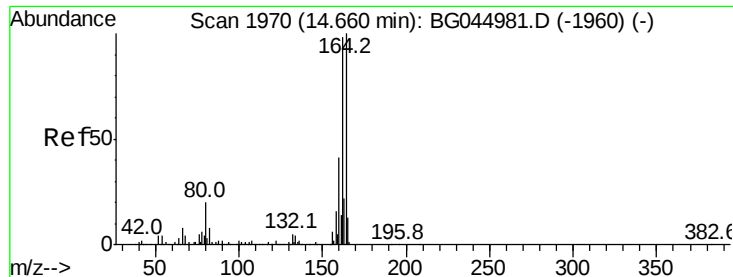


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

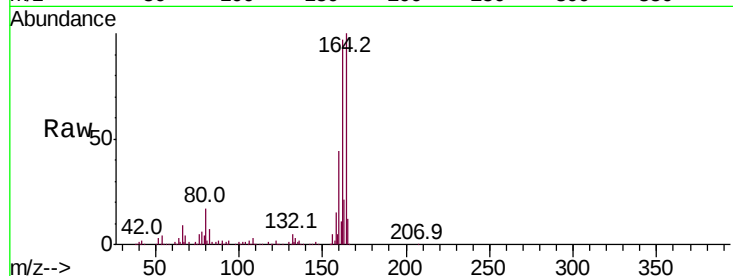
BNA\_P

ClientSampleId :

PB128795BS

Tot Ion:164 Resp: 176785

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 96.8  | 78.7  | 118.1 |
| 160 | 43.9  | 32.8  | 49.2  |

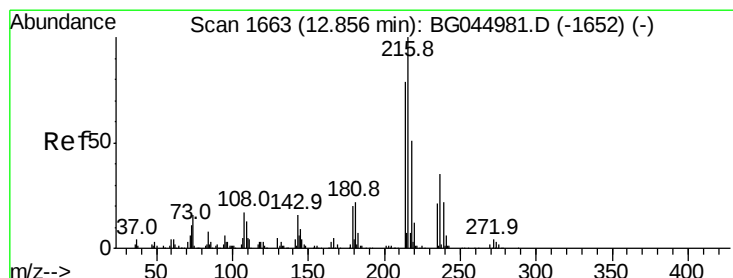
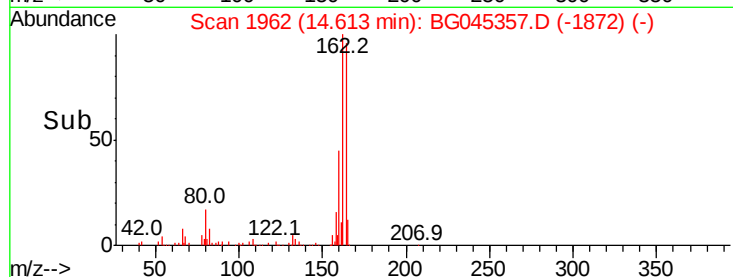
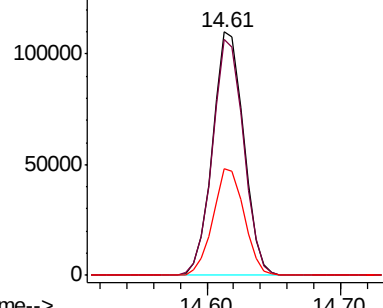


Abundance

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: 35.543 ng

RT: 12.81 min Scan# 1655

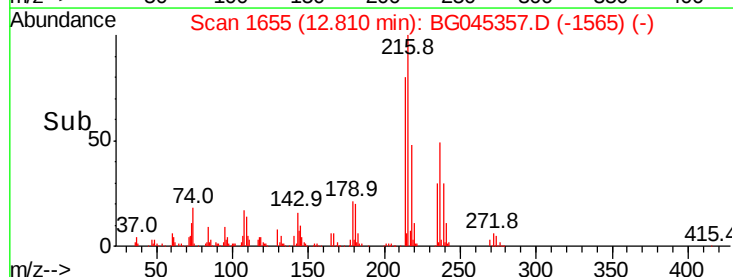
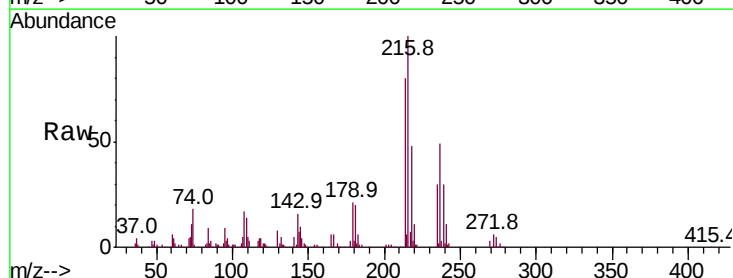
Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Tgt Ion:216 Resp: 202312

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 79.6  | 63.0  | 94.6  |
| 179 | 20.2  | 15.8  | 23.8  |
| 108 | 20.0  | 14.2  | 21.2  |



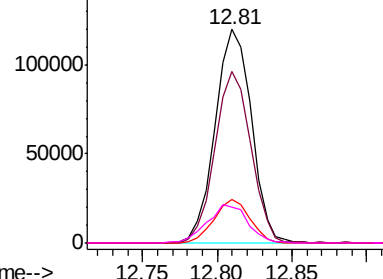
Abundance

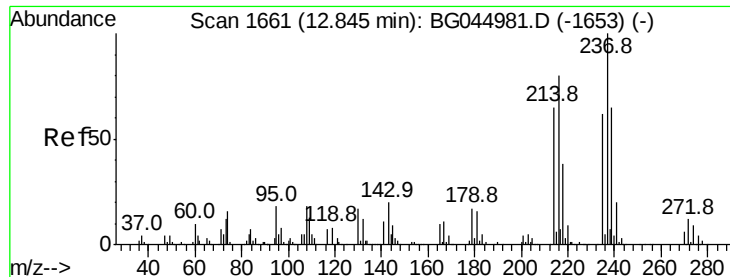
Ion 216.00 (215.70 to 216.70): E

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

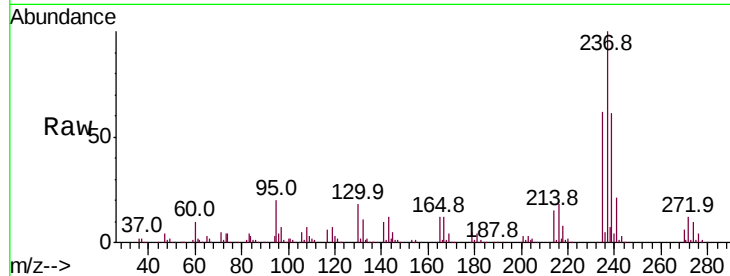




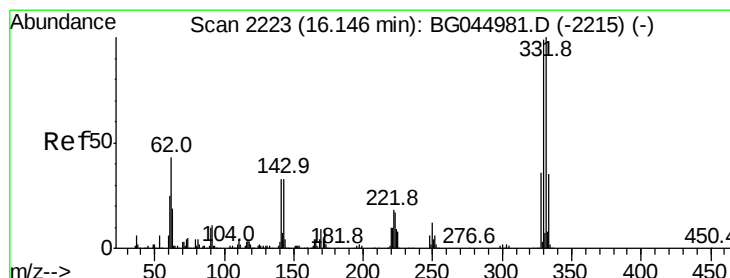
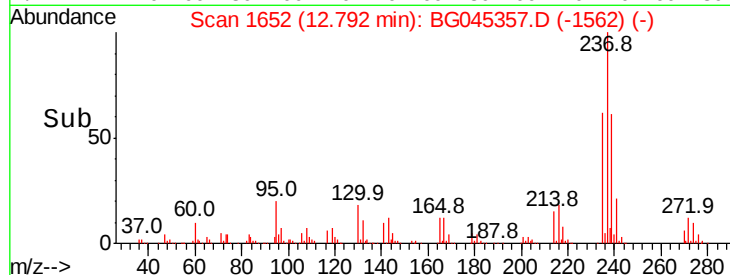
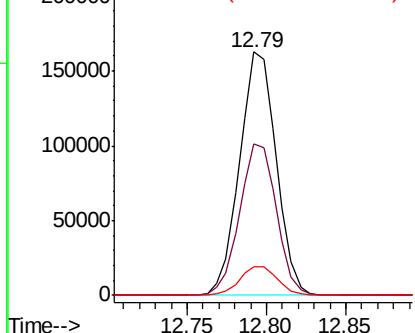
#41  
Hexachlorocyclopentadiene  
Concen: 73.394 ng  
RT: 12.79 min Scan# 1652  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

Tot Ion:237 Resp: 261107  
Ion Ratio Lower Upper  
237 100  
235 62.4 41.6 81.6  
272 11.8 0.0 32.1

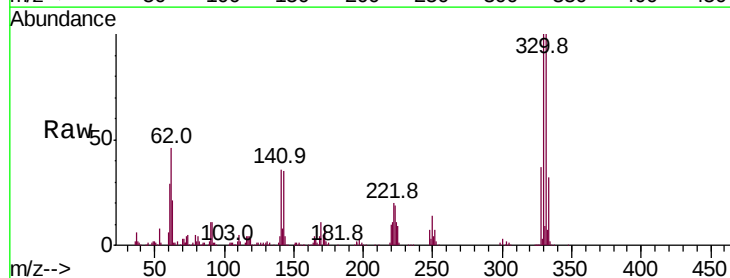


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

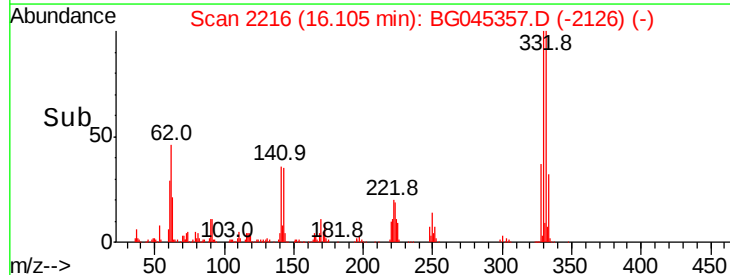
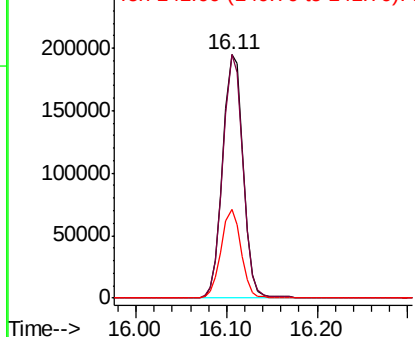


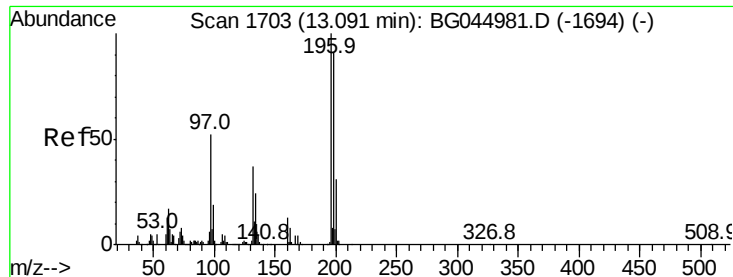
#42  
2,4,6-Tribromophenol  
Concen: 111.842 ng  
RT: 16.11 min Scan# 2216  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

Tgt Ion:330 Resp: 305451  
Ion Ratio Lower Upper  
330 100  
332 98.0 79.1 118.7  
141 35.6 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

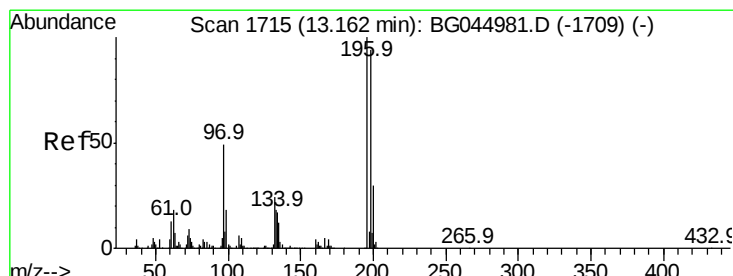
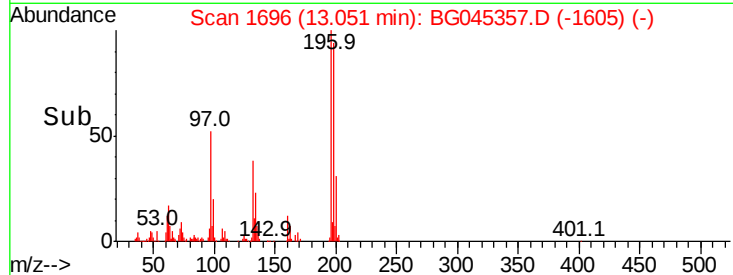
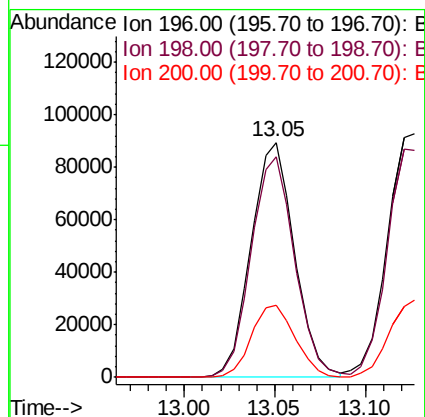
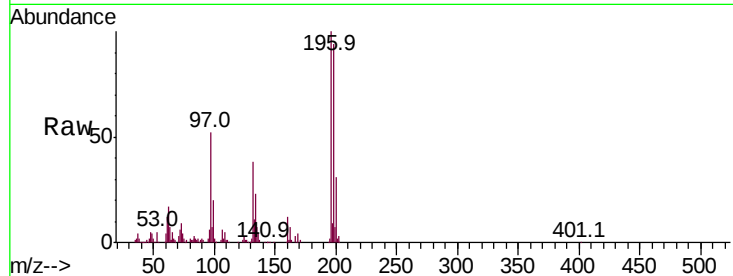




#43  
 2,4,6-Trichlorophenol  
 Concen: 37.244 ng  
 RT: 13.05 min Scan# 1696  
 Delta R.T. 0.00 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

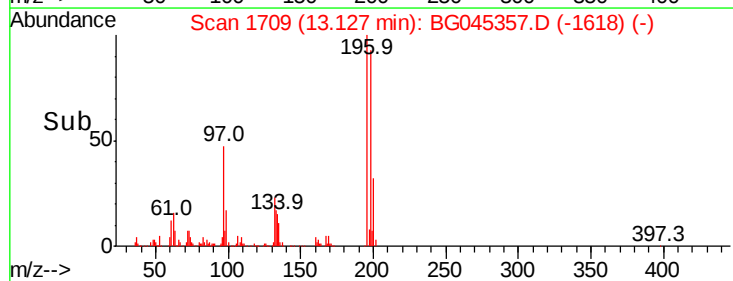
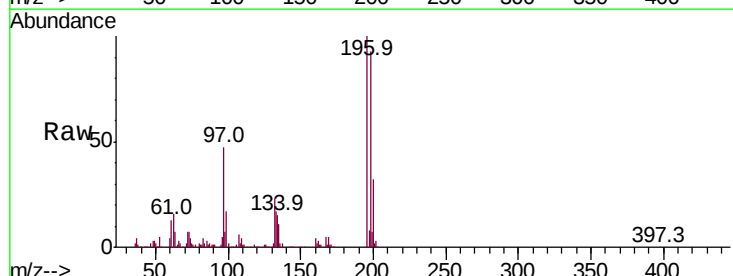
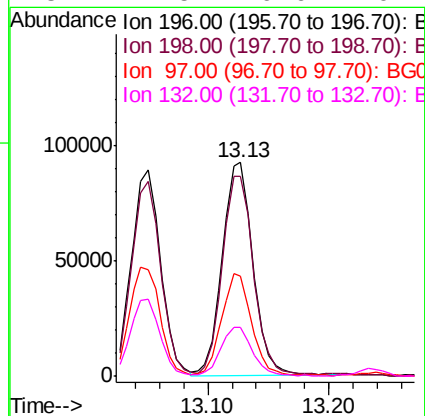
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB128795BS

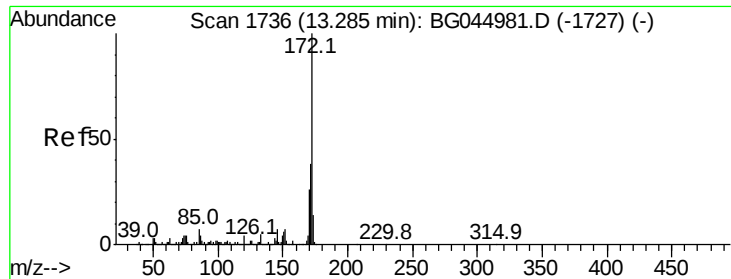
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.2  | 72.5  | 108.7 |
| 200     | 30.5  | 24.5  | 36.7  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 35.540 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. 0.00 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.3  | 75.7  | 113.5 |
| 97      | 47.0  | 39.6  | 59.4  |
| 132     | 22.5  | 19.6  | 29.4  |

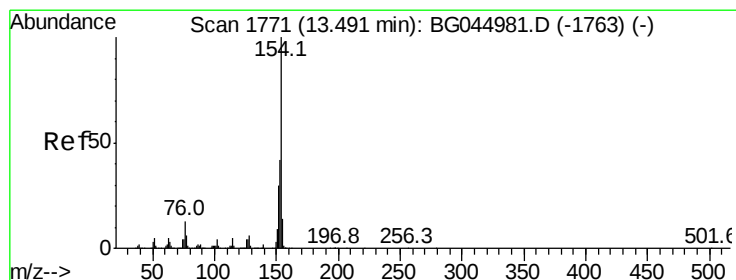
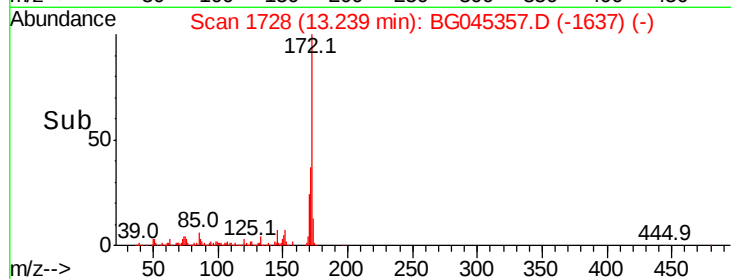
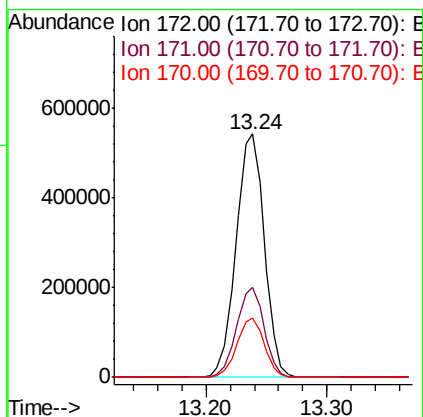
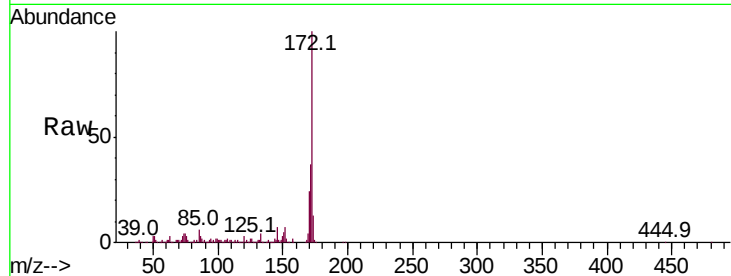




#45  
 2-Fluorobiphenyl  
 Concen: 73.565 ng  
 RT: 13.24 min Scan# 1728  
 Delta R.T. 0.00 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

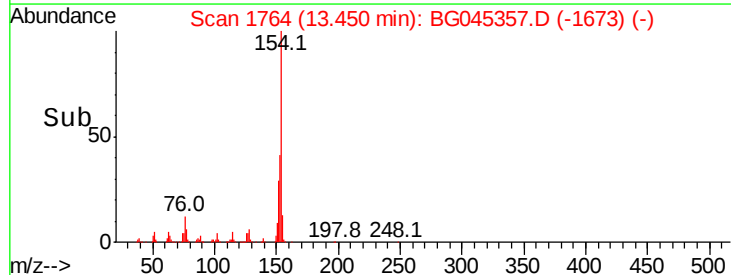
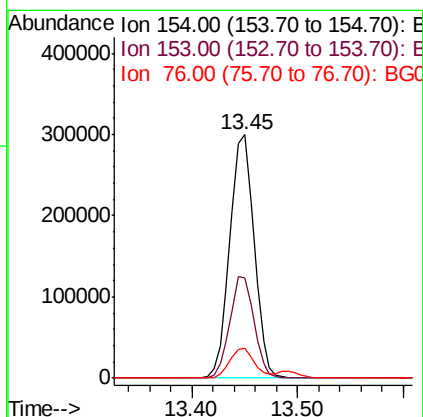
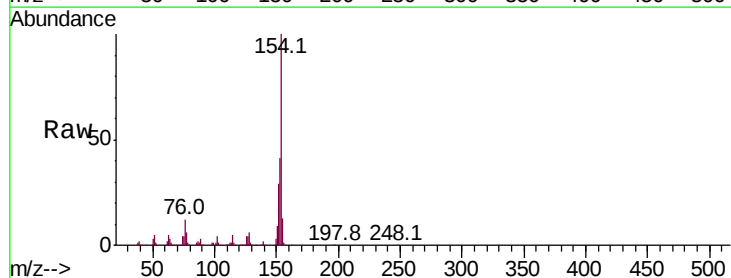
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB128795BS

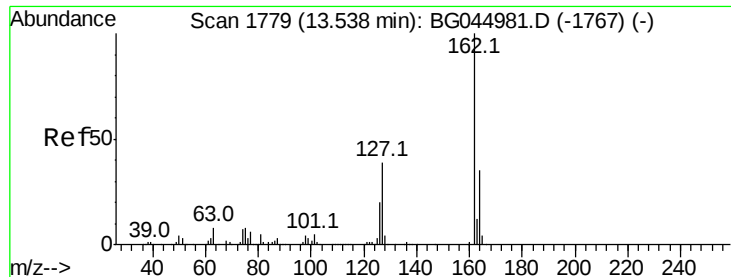
Tot Ion:172 Resp: 886923  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 30.6 46.0  
 170 24.3 20.5 30.7



#46  
 1,1'-Biphenyl  
 Concen: 35.530 ng  
 RT: 13.45 min Scan# 1764  
 Delta R.T. 0.00 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

Tgt Ion:154 Resp: 477409  
 Ion Ratio Lower Upper  
 154 100  
 153 41.3 21.9 61.9  
 76 12.2 0.0 33.1





#47

2-Chloronaphthalene

Concen: 35.727 ng

RT: 13.49 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

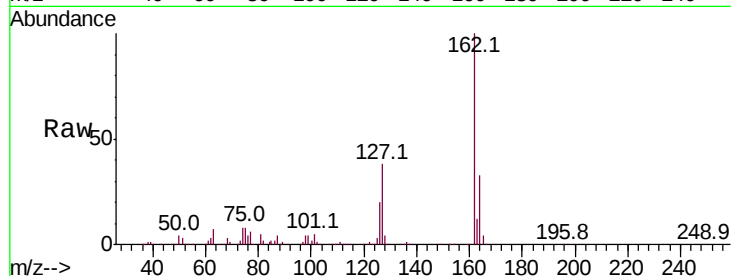
Tot Ion:162 Resp: 366810

Ion Ratio Lower Upper

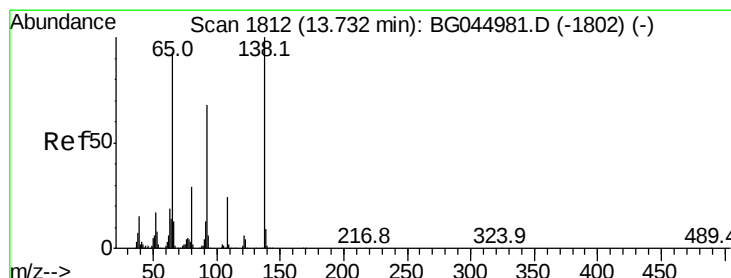
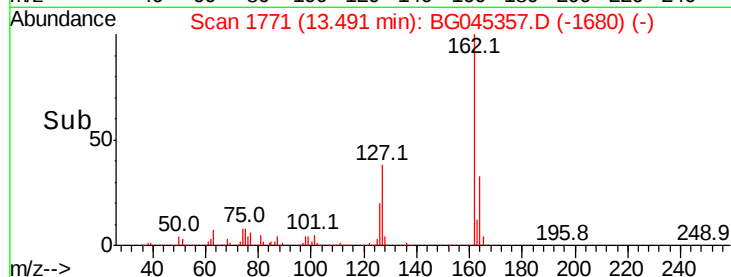
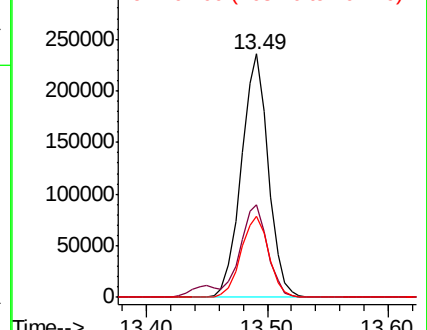
162 100

127 37.9 31.3 46.9

164 33.5 27.8 41.8



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



#48

2-Nitroaniline

Concen: 37.276 ng

RT: 13.69 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

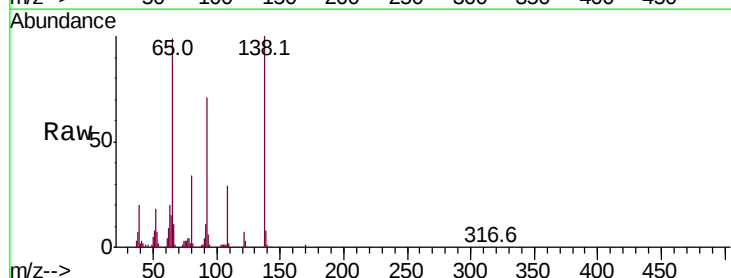
Tgt Ion: 65 Resp: 125922

Ion Ratio Lower Upper

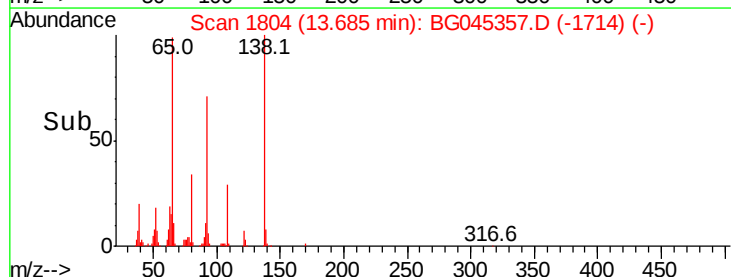
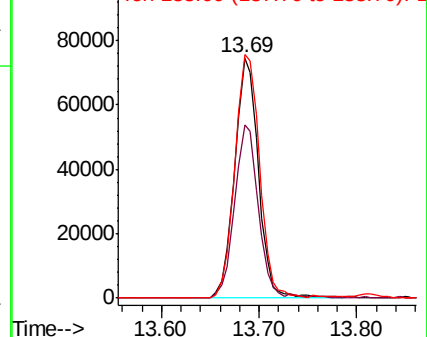
65 100

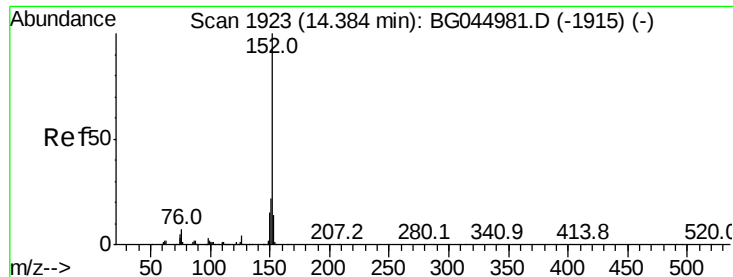
92 72.5 58.3 87.5

138 101.5 85.6 128.4



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.507 ng

RT: 14.34 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

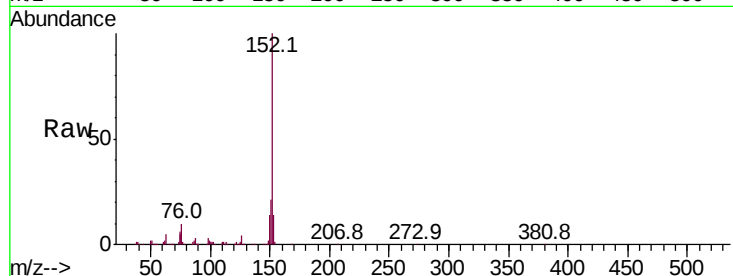
BNA\_P

ClientSampleId :

PB128795BS

Tot Ion:152 Resp: 627264

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.9  | 17.2  | 25.8  |
| 153 | 13.6  | 11.0  | 16.4  |

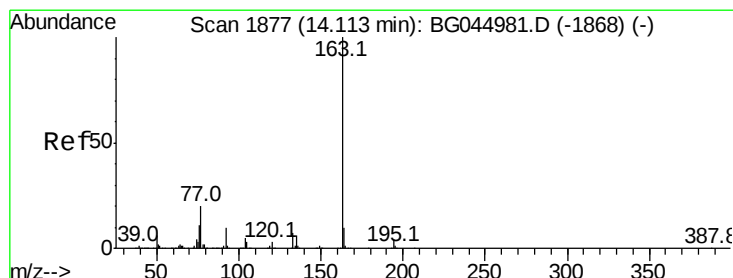
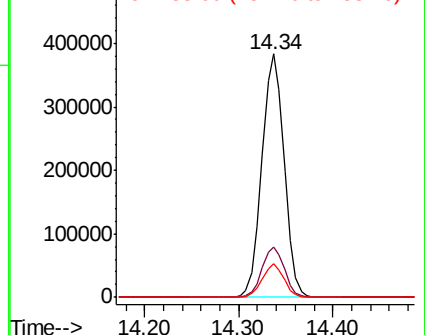
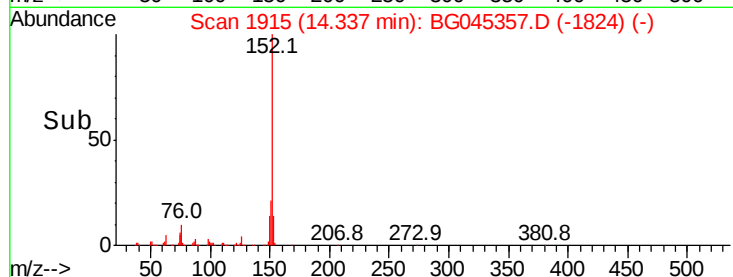


Abundance

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: 36.343 ng

RT: 14.07 min Scan# 1869

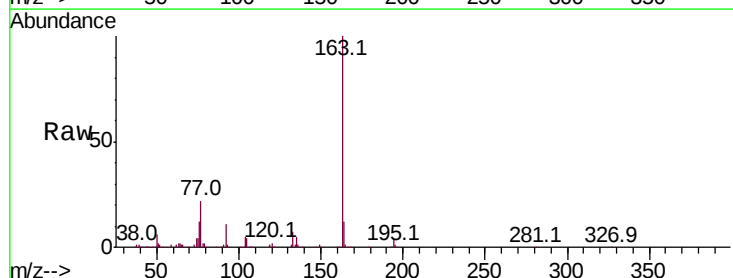
Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Tgt Ion:163 Resp: 523149

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.5   | 5.3   |
| 164 | 11.6  | 8.2   | 12.4  |

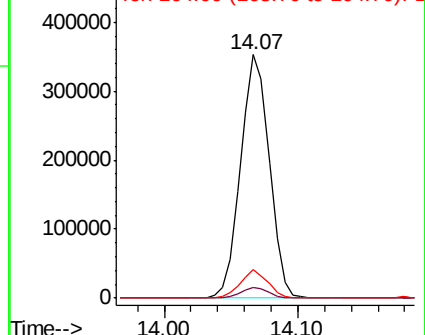
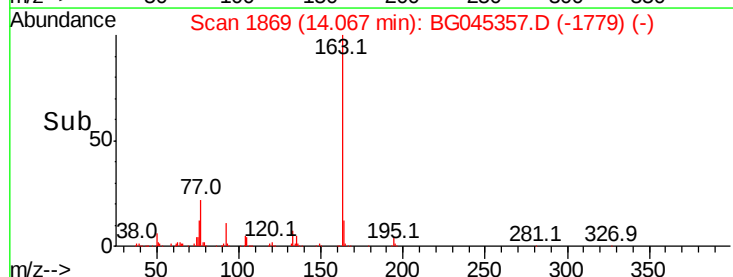


Abundance

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: 36.633 ng

RT: 14.18 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

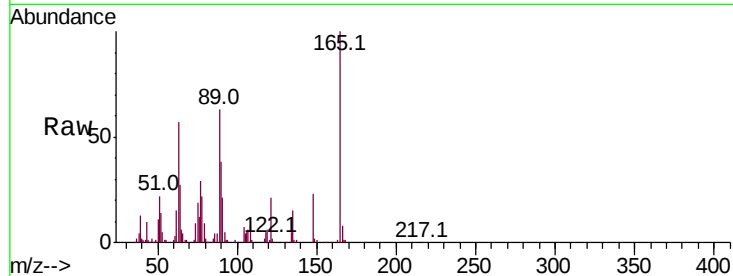
Tot Ion:165 Resp: 117946

Ion Ratio Lower Upper

165 100

63 57.3 40.4 60.6

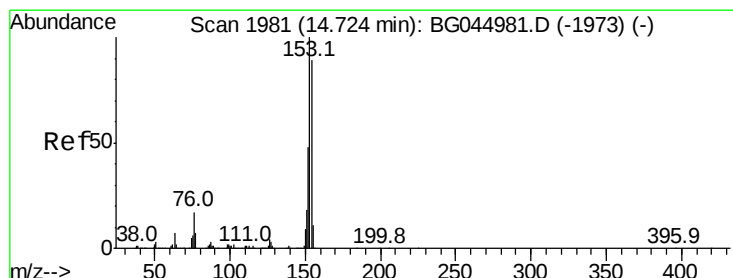
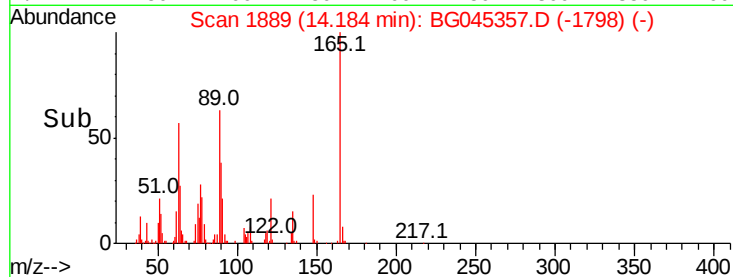
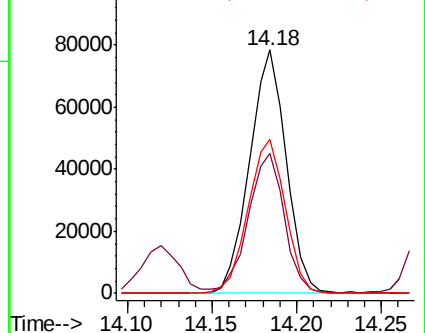
89 63.5 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 33.268 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

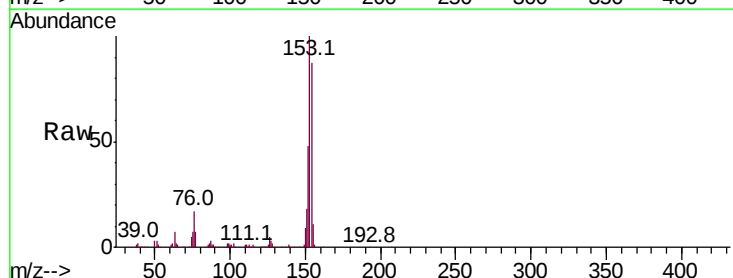
Tgt Ion:154 Resp: 376429

Ion Ratio Lower Upper

154 100

153 114.7 89.7 134.5

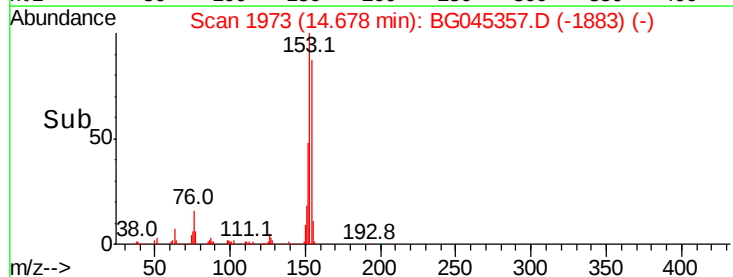
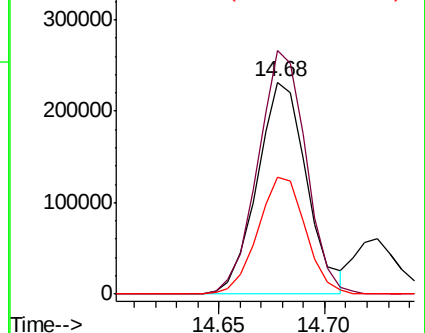
152 55.0 43.1 64.7

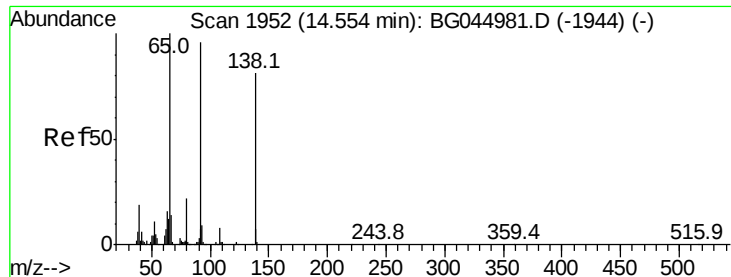


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 18.695 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

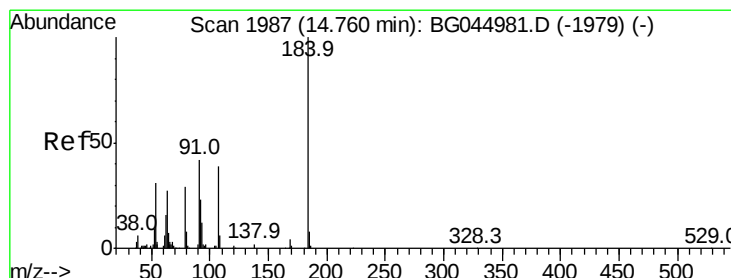
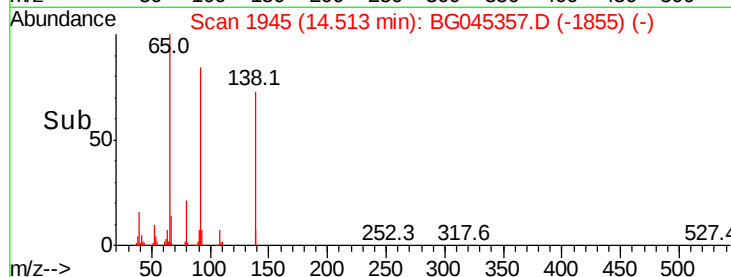
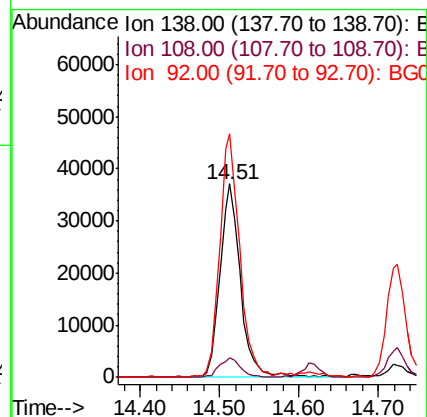
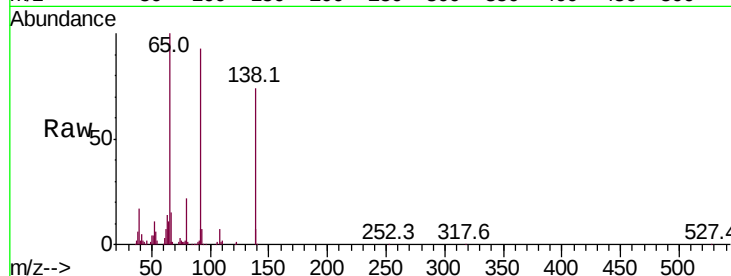
Tot Ion:138 Resp: 66015

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.8

92 126.1 94.5 141.7



#54

2,4-Dinitrophenol

Concen: 77.647 ng

RT: 14.72 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

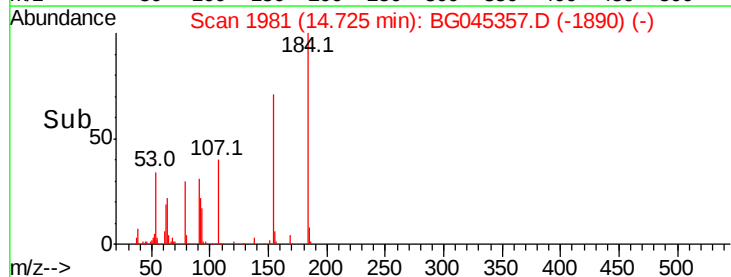
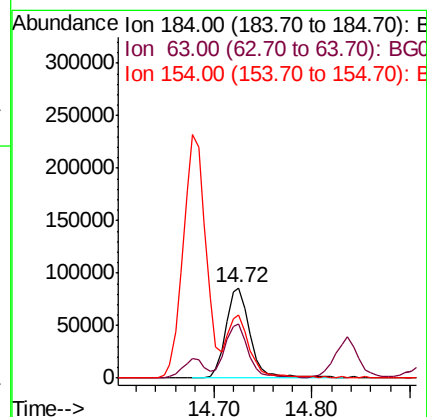
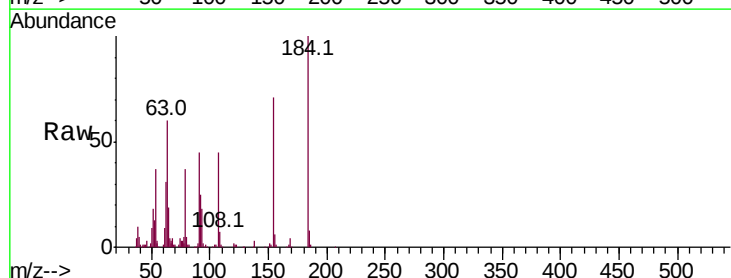
Tgt Ion:184 Resp: 148657

Ion Ratio Lower Upper

184 100

63 60.1 41.5 62.3

154 70.8 52.3 78.5





#55

Dibenzofuran

Concen: 36.948 ng

RT: 15.01 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

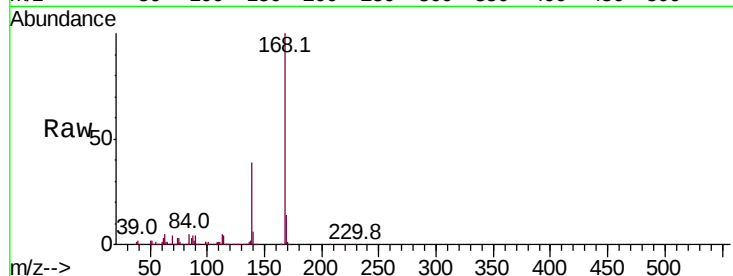
Tot Ion:168 Resp: 609512

Ion Ratio Lower Upper

168 100

139 39.3 30.4 45.6

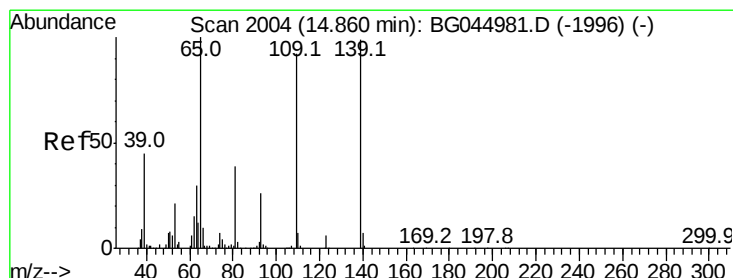
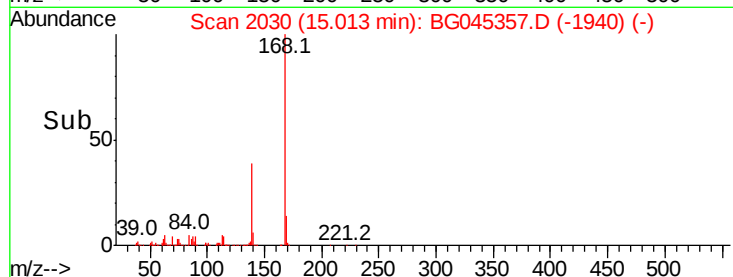
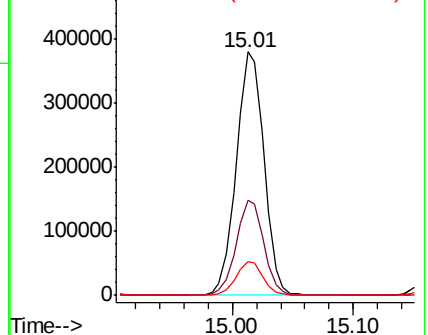
169 13.9 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 76.082 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

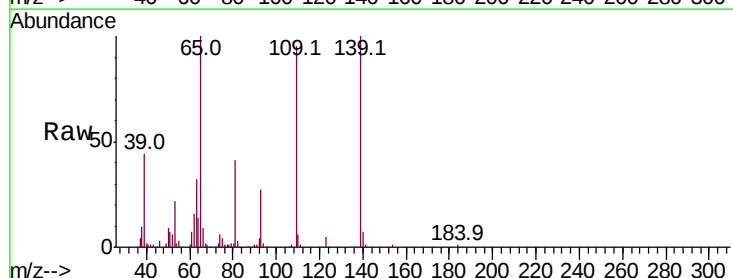
Tgt Ion:139 Resp: 208310

Ion Ratio Lower Upper

139 100

109 95.4 73.6 113.6

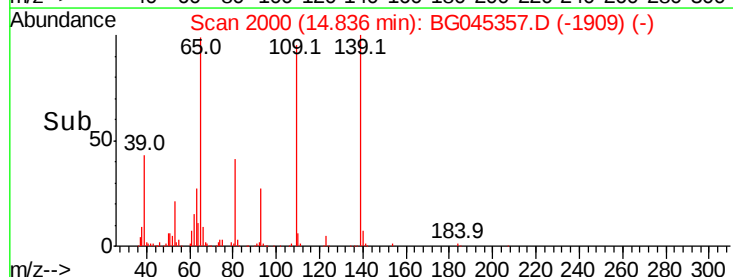
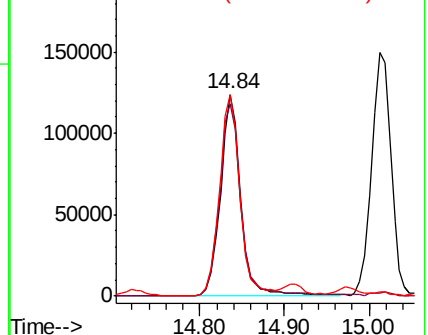
65 99.6 81.2 121.2

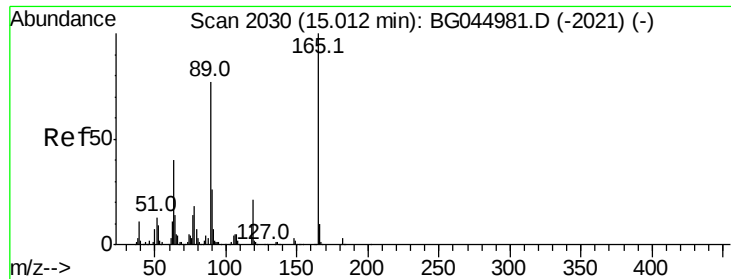


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

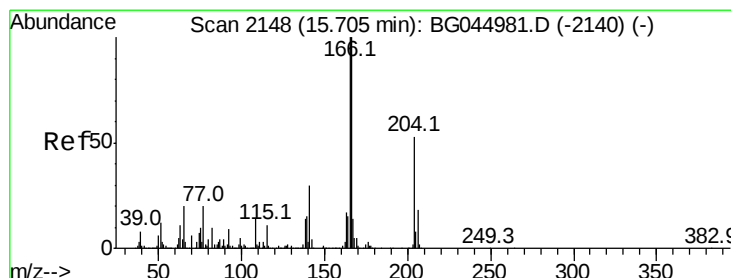
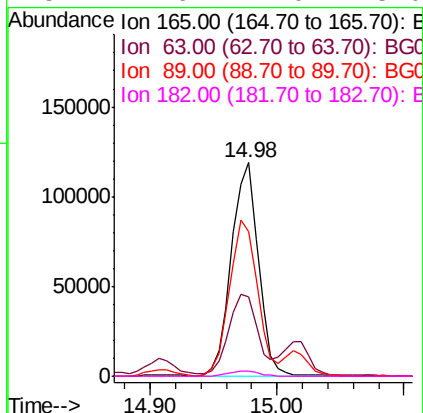
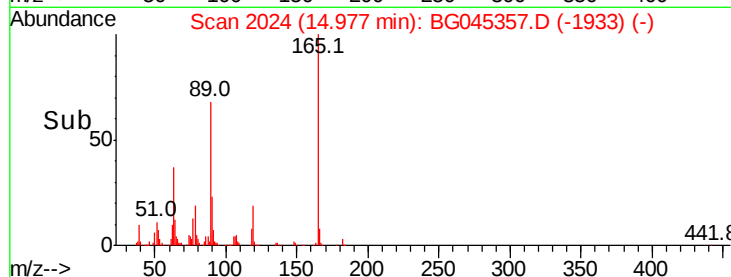
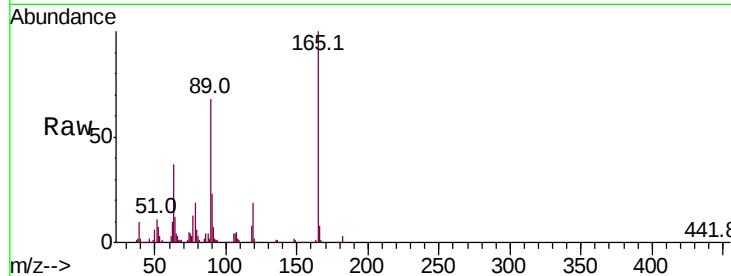




#57  
2,4-Dinitrotoluene  
Concen: 37.304 ng  
RT: 14.98 min Scan# 2024  
Delta R.T. 0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

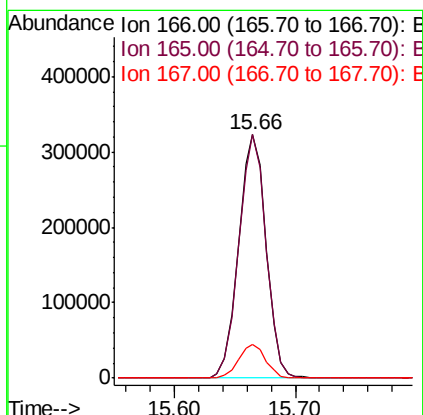
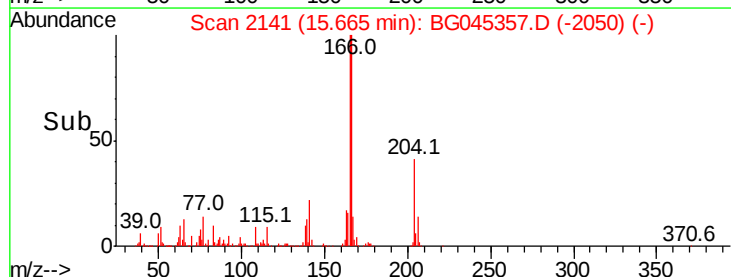
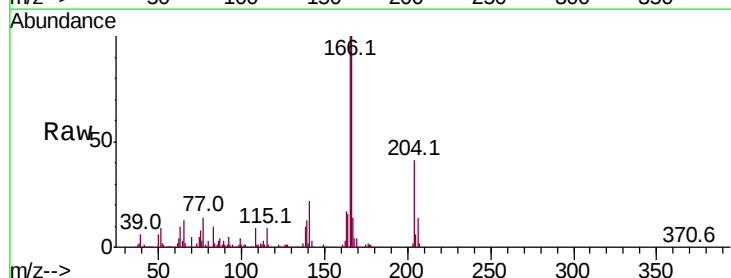
Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

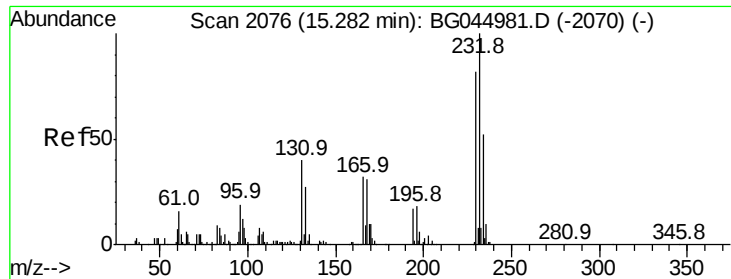
Tot Ion:165 Resp: 175525  
Ion Ratio Lower Upper  
165 100  
63 37.2 32.2 48.2  
89 67.7 61.7 92.5  
182 2.6 2.0 3.0



#58  
Fluorene  
Concen: 37.943 ng  
RT: 15.66 min Scan# 2141  
Delta R.T. 0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

Tgt Ion:166 Resp: 511269  
Ion Ratio Lower Upper  
166 100  
165 100.0 79.9 119.9  
167 13.9 11.4 17.0

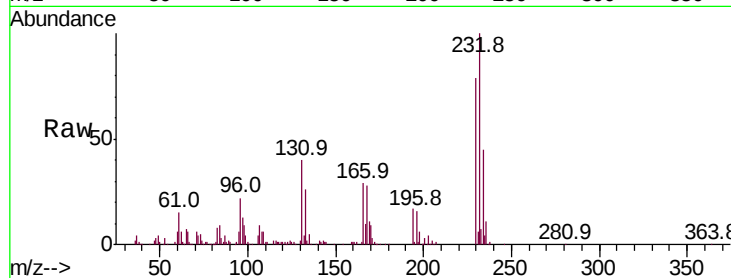




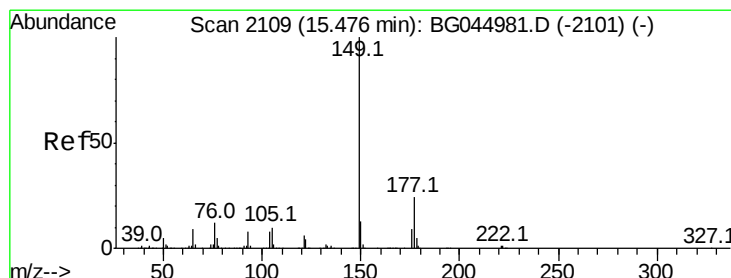
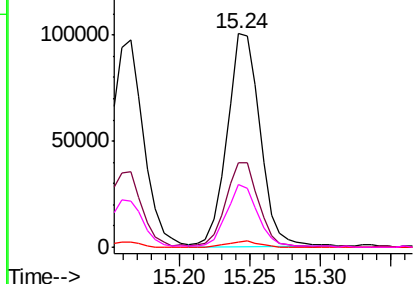
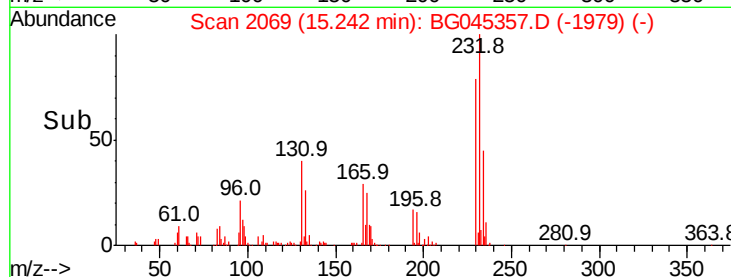
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.931 ng  
 RT: 15.24 min Scan# 2069  
 Delta R.T. -0.00 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB128795BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 162465 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.4  | 32.2  | 48.2   |
| 130      | 2.6   | 2.2   | 3.2    |
| 166      | 28.4  | 24.2  | 36.4   |

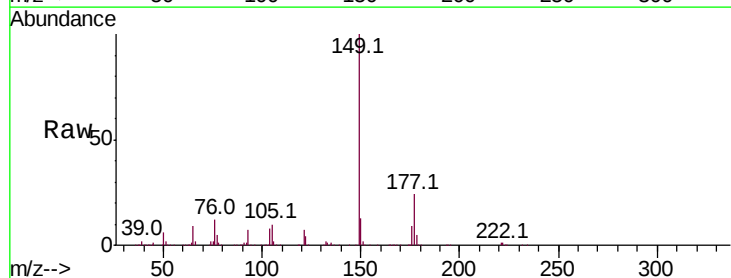


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

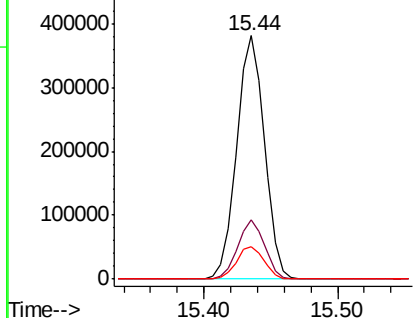
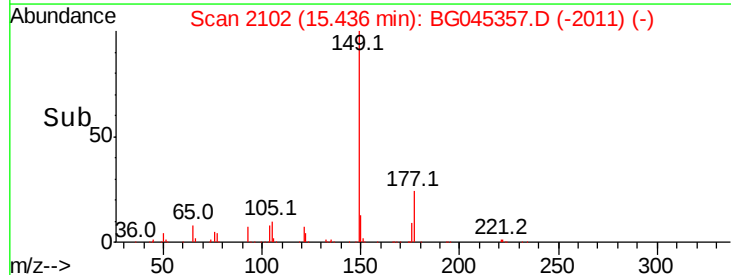


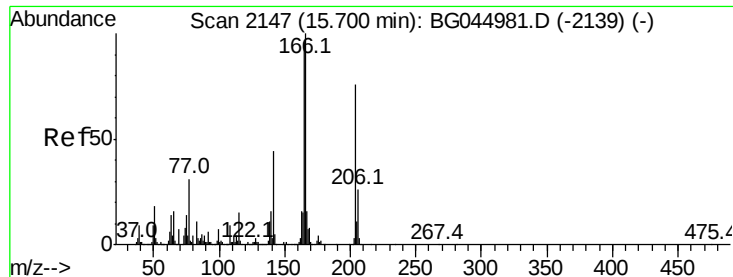
#60  
 Diethylphthalate  
 Concen: 36.524 ng  
 RT: 15.44 min Scan# 2102  
 Delta R.T. 0.00 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 548152 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.2  | 18.9  | 28.3   |
| 150      | 13.5  | 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

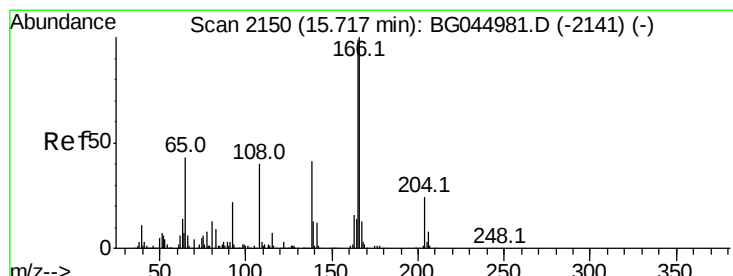
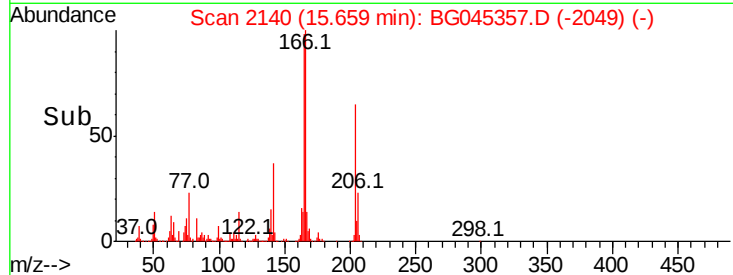
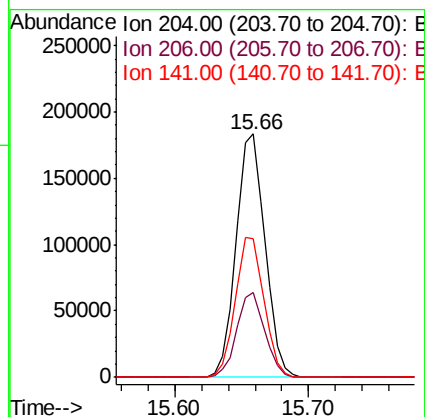
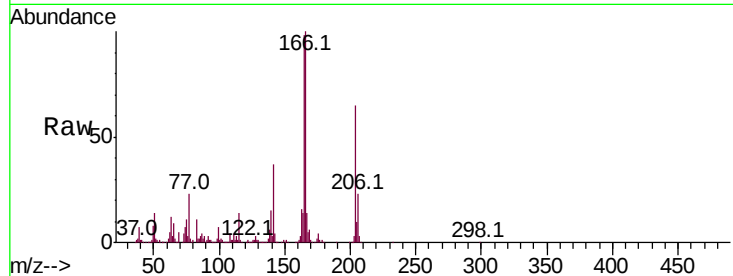




#61  
4-Chlorophenyl-phenylether  
Concen: 35.615 ng  
RT: 15.66 min Scan# 2140  
Delta R.T. 0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

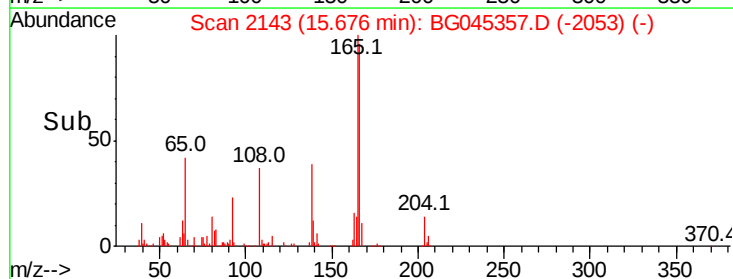
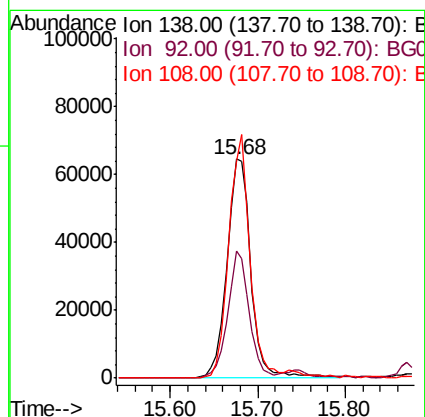
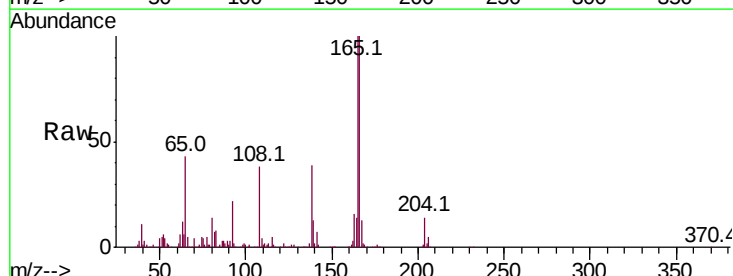
Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

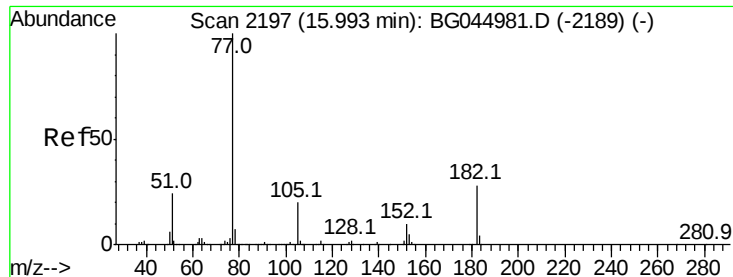
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.8  | 26.9  | 40.3  |
| 141     | 56.9  | 46.3  | 69.5  |



#62  
4-Nitroaniline  
Concen: 33.183 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 58.0  | 33.6  | 73.6  |
| 108     | 98.9  | 78.2  | 118.2 |

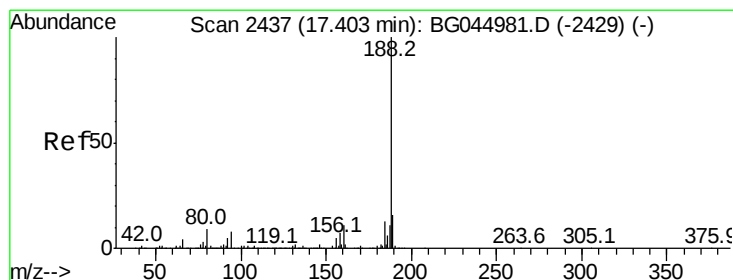
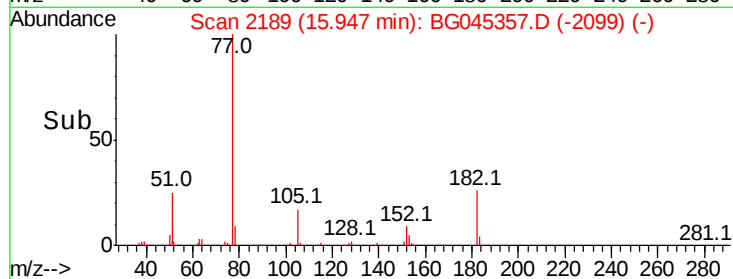
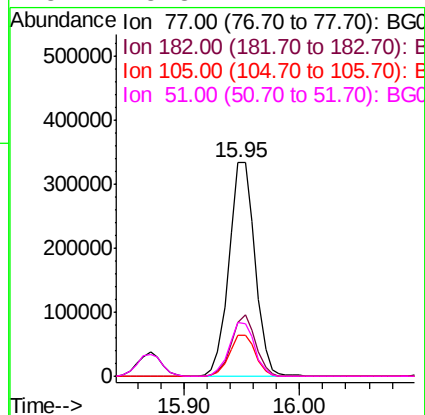
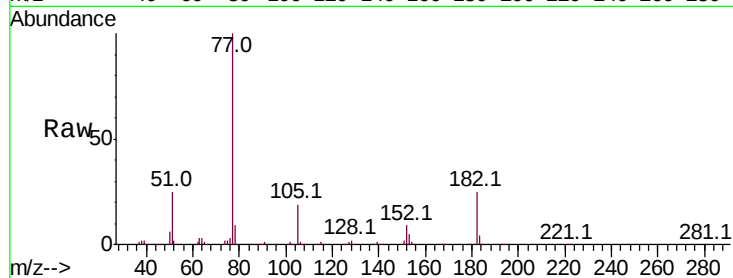




#63  
Azobenzene  
Concen: 37.383 ng  
RT: 15.95 min Scan# 2189  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

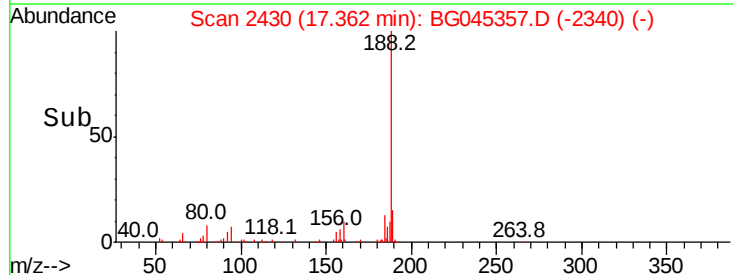
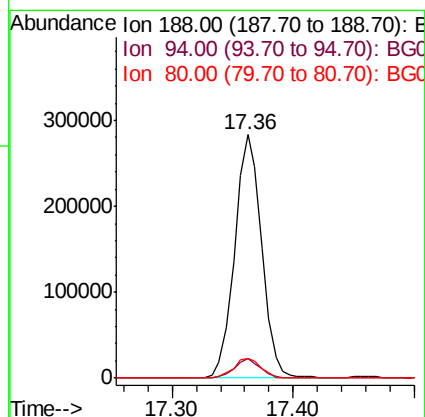
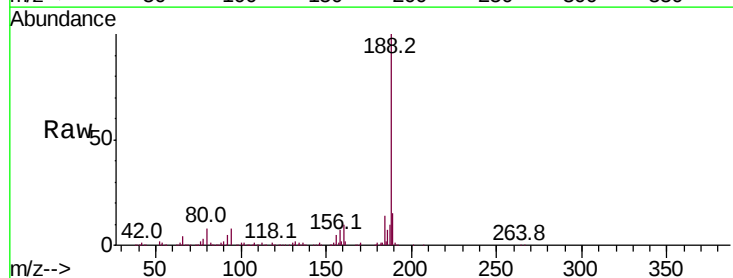
Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

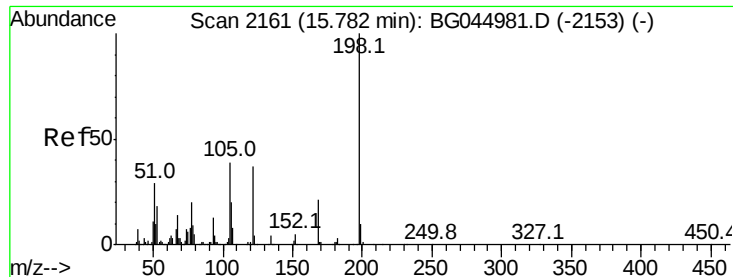
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 517254 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 25.5  | 8.4   | 48.4   |
| 105      | 19.1  | 0.5   | 40.5   |
| 51       | 25.3  | 4.4   | 44.4   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.36 min Scan# 2430  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 439239 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 7.9   | 6.2   | 9.4    |
| 80       | 8.3   | 7.0   | 10.6   |





#65

4,6-Dinitro-2-methylphenol

Concen: 39.031 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

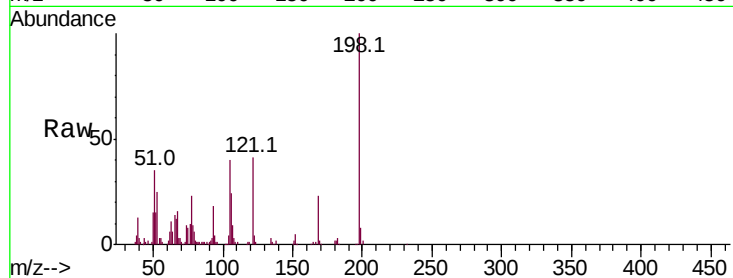
Tot Ion:198 Resp: 112688

Ion Ratio Lower Upper

198 100

51 34.6 10.0 50.0

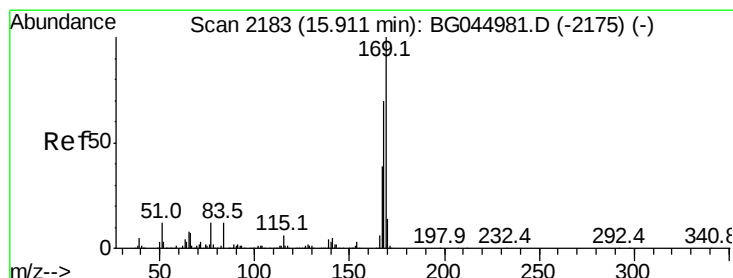
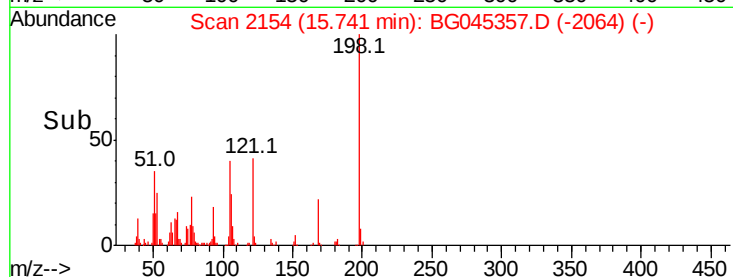
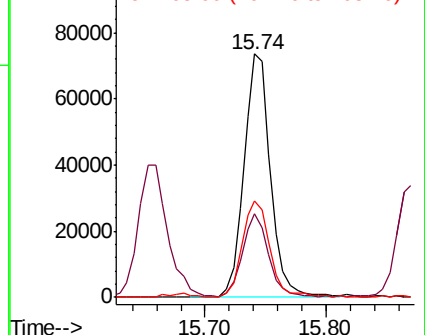
105 39.7 18.9 58.9



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: 36.754 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

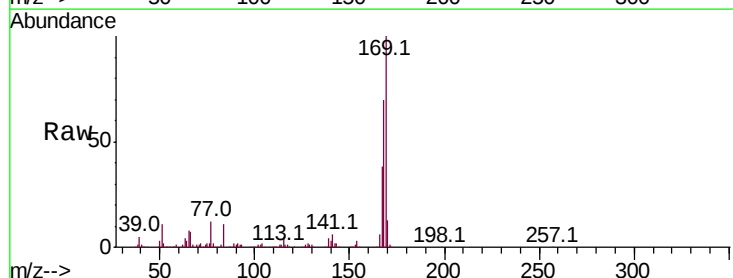
Tgt Ion:169 Resp: 463839

Ion Ratio Lower Upper

169 100

168 69.6 55.8 83.8

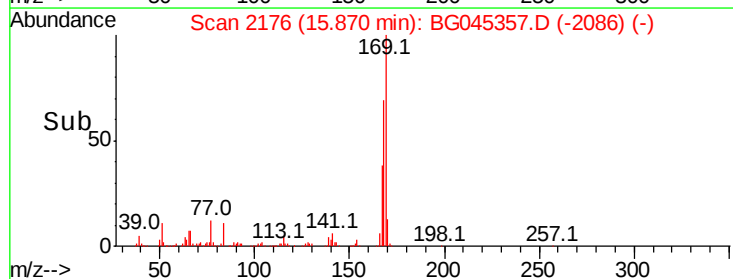
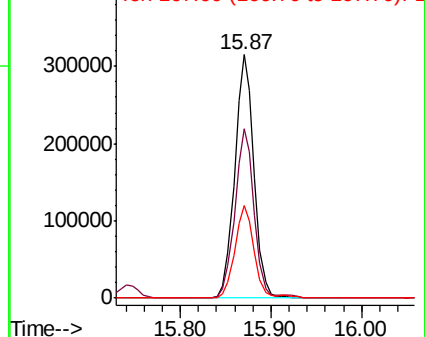
167 38.1 30.8 46.2

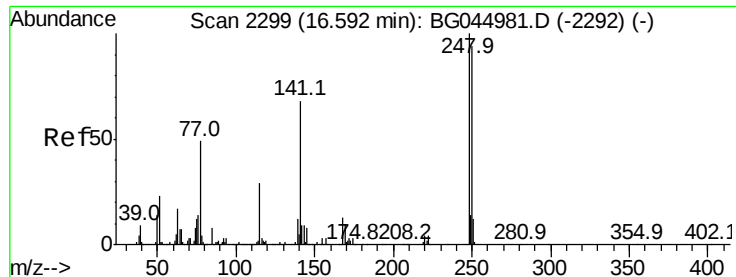


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

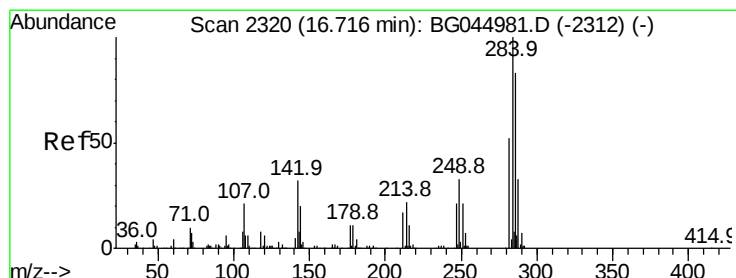
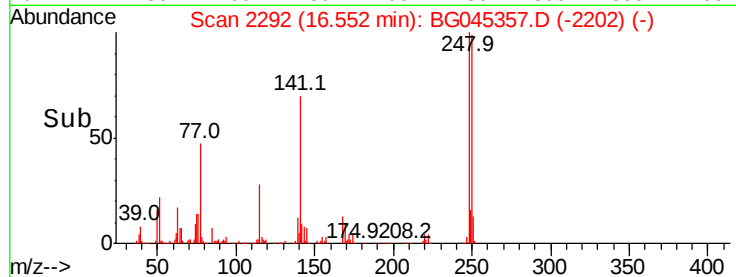
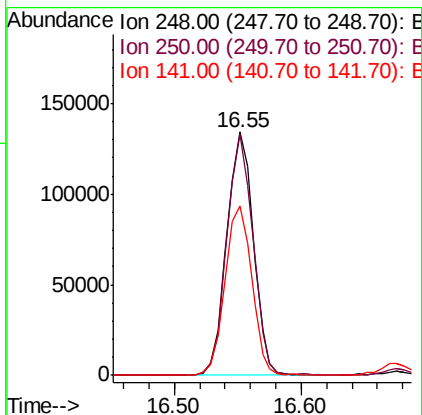
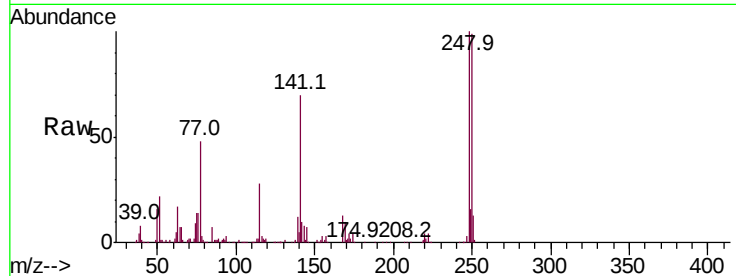




#67  
4-Bromophenyl-phenylether  
Concen: 34.494 ng  
RT: 16.55 min Scan# 2292  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

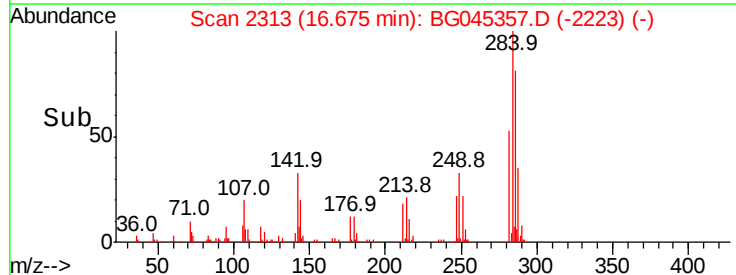
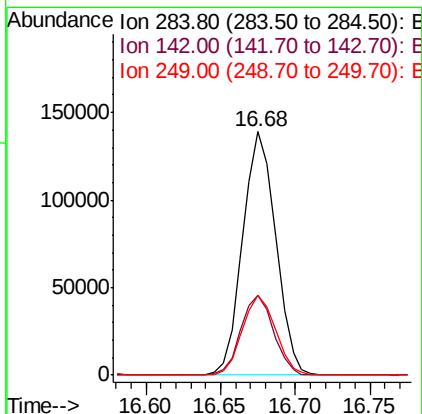
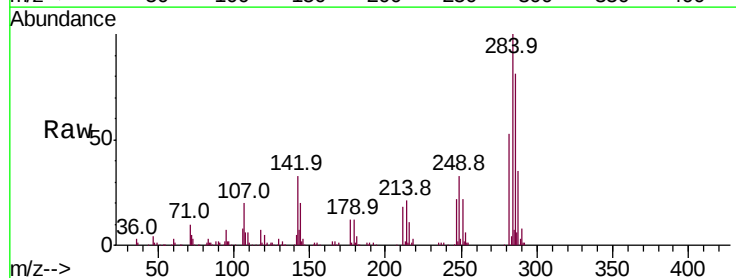
Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.1  | 75.4  | 113.2 |
| 141     | 69.7  | 54.4  | 81.6  |



#68  
Hexachlorobenzene  
Concen: 36.225 ng  
RT: 16.68 min Scan# 2313  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.8  | 25.8  | 38.6  |
| 249     | 32.9  | 26.6  | 39.8  |





#69

Atrazine

Concen: 38.094 ng

RT: 16.82 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

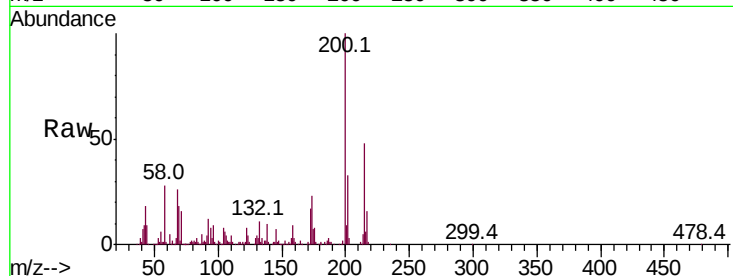
Tot Ion:200 Resp: 178724

Ion Ratio Lower Upper

200 100

173 23.5 4.5 44.5

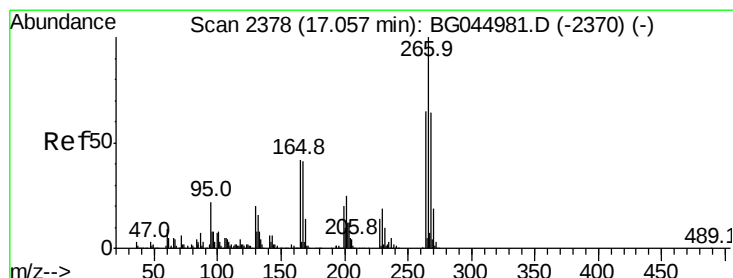
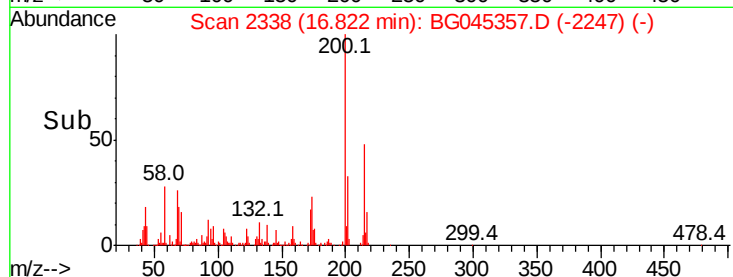
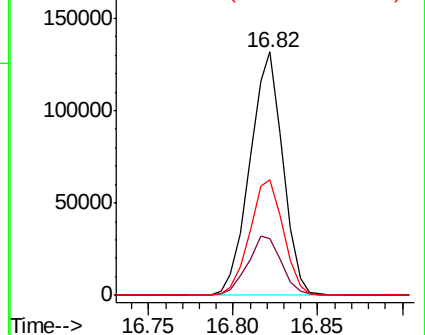
215 47.6 30.0 70.0



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: 70.635 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

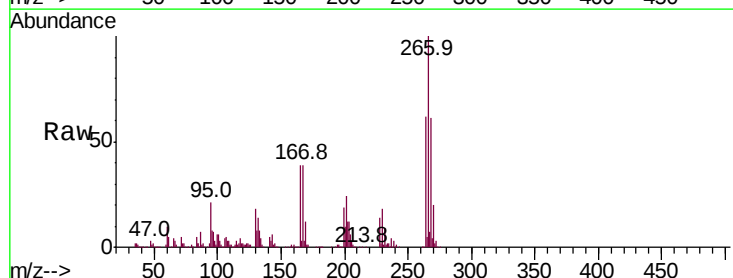
Tgt Ion:266 Resp: 254655

Ion Ratio Lower Upper

266 100

268 61.2 51.5 77.3

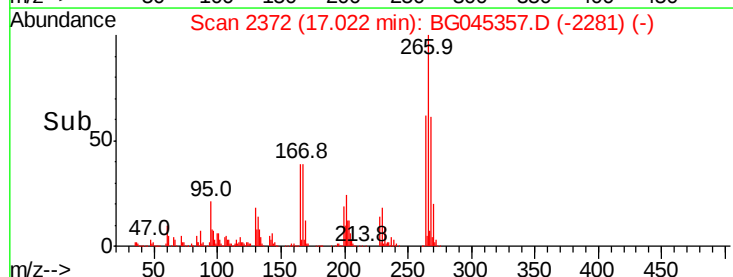
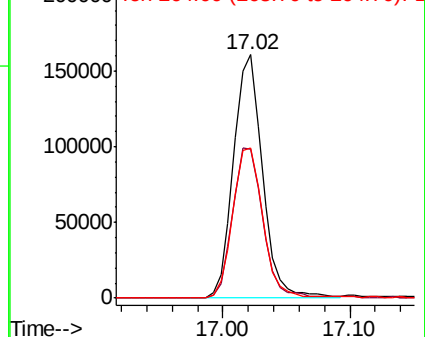
264 61.6 52.2 78.4

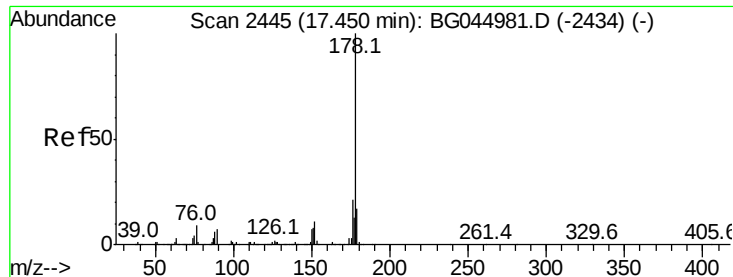


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

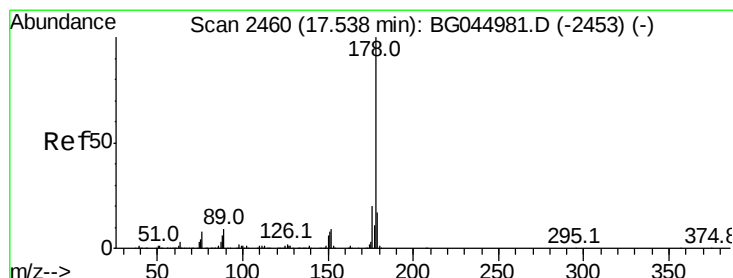
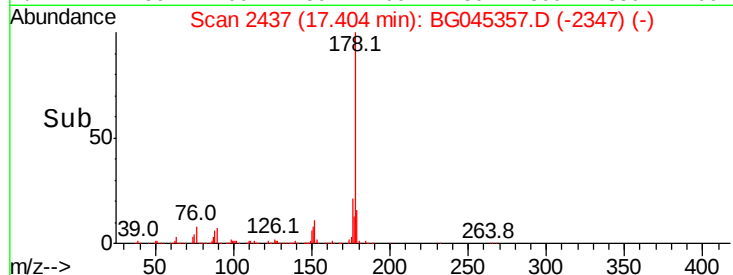
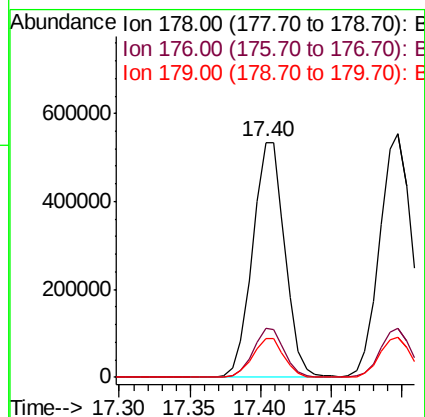
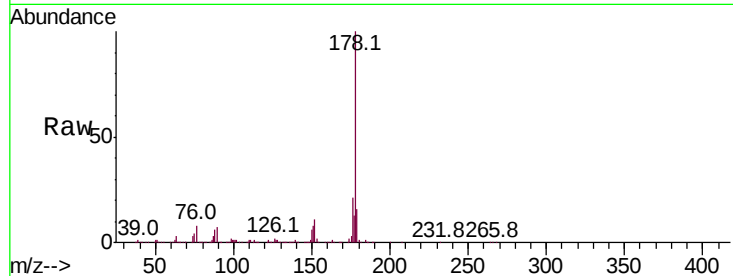




#71  
Phenanthrene  
Concen: 38.029 ng  
RT: 17.40 min Scan# 2437  
Delta R.T. -0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

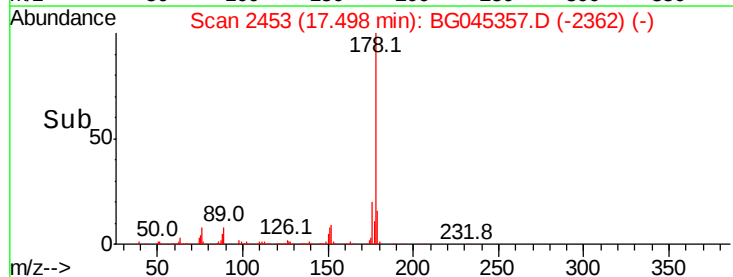
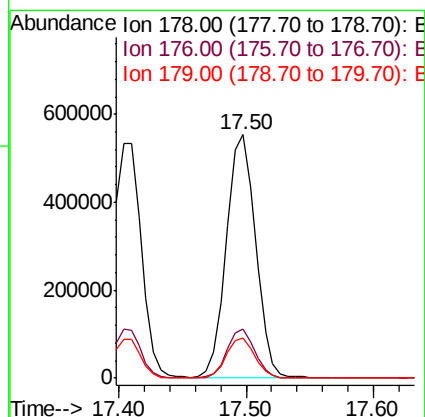
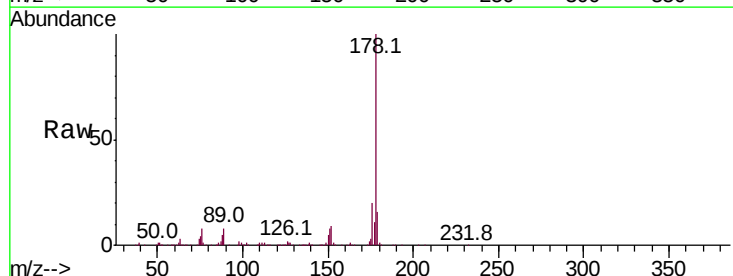
Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

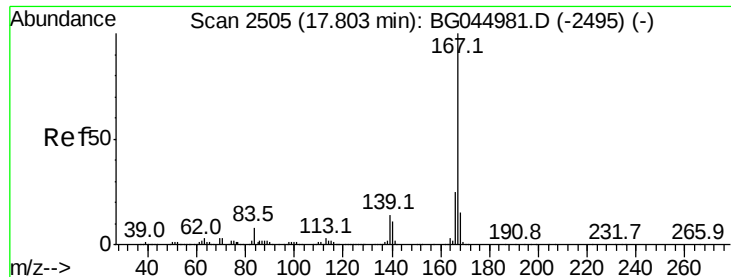
Tot Ion:178 Resp: 858363  
Ion Ratio Lower Upper  
178 100  
176 20.9 16.8 25.2  
179 16.4 13.2 19.8



#72  
Anthracene  
Concen: 39.001 ng  
RT: 17.50 min Scan# 2453  
Delta R.T. 0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

Tgt Ion:178 Resp: 883042  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.0 24.0  
179 16.4 13.6 20.4

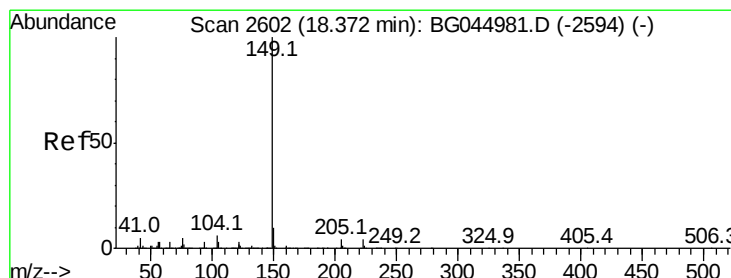
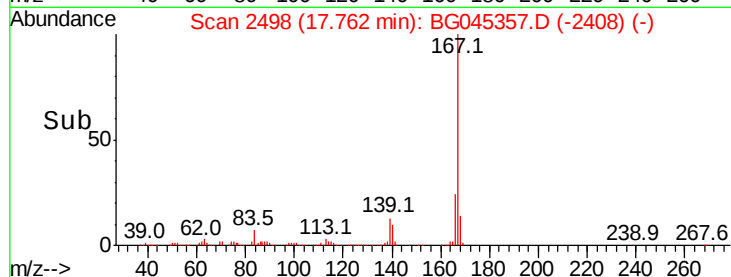
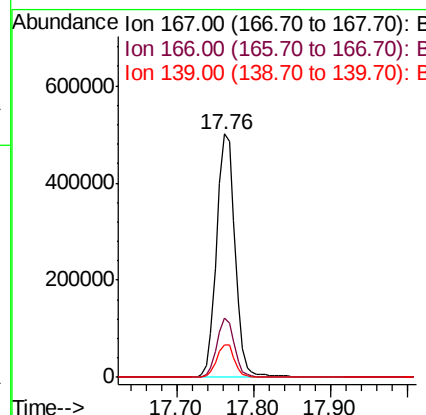
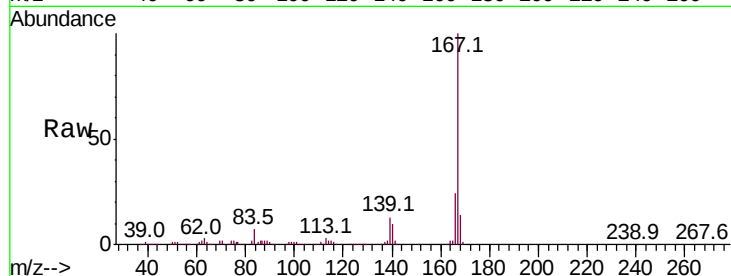




#73  
 Carbazole  
 Concen: 36.024 ng  
 RT: 17.76 min Scan# 2498  
 Delta R.T. -0.00 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

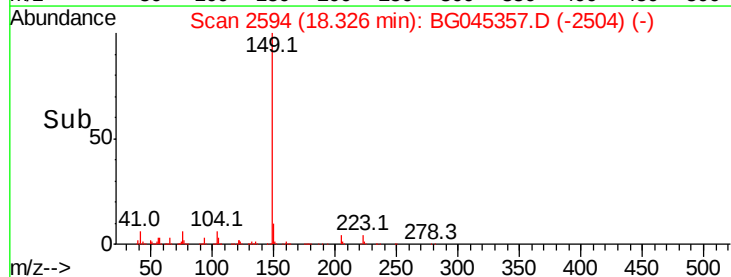
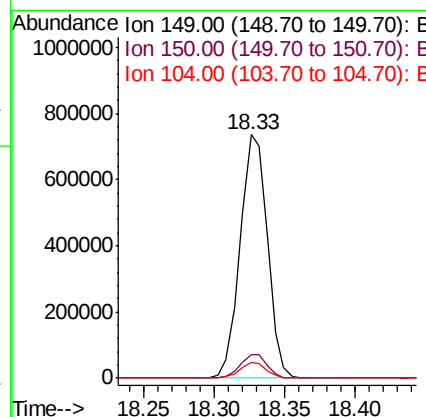
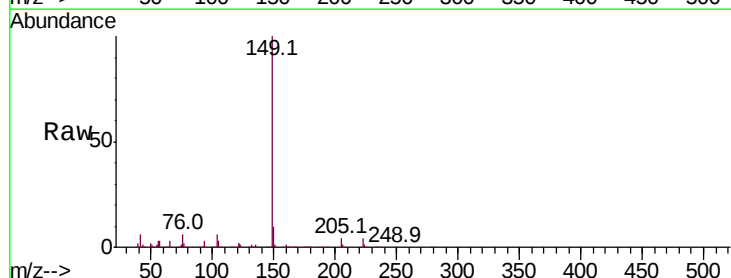
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB128795BS

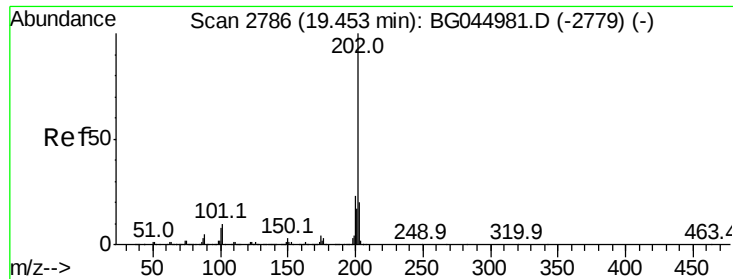
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.2  | 19.8  | 29.6  |
| 139     | 13.4  | 10.9  | 16.3  |



#74  
 Di-n-butylphthalate  
 Concen: 38.727 ng  
 RT: 18.33 min Scan# 2594  
 Delta R.T. -0.00 min  
 Lab File: BG045357.D  
 Acq: 13 May 2020 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 8.2   | 12.2  |
| 104     | 6.3   | 4.8   | 7.2   |





#75

Fluoranthene

Concen: 40.993 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

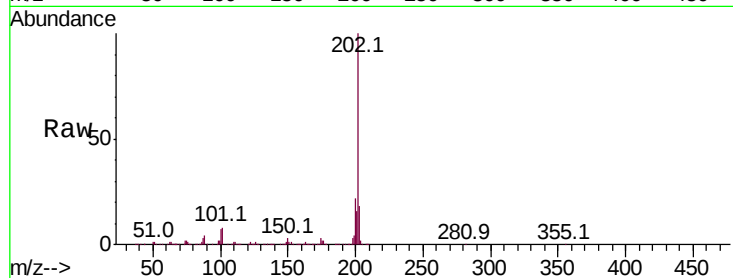
Tot Ion:202 Resp: 1102115

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 8.2   | 0.0   | 29.6  |
| 203 | 18.5  | 0.0   | 39.7  |

202 100

101 8.2 0.0 29.6

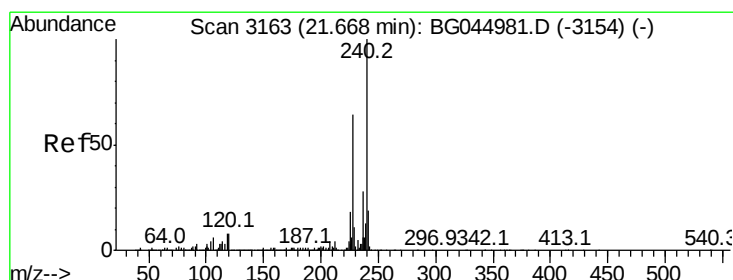
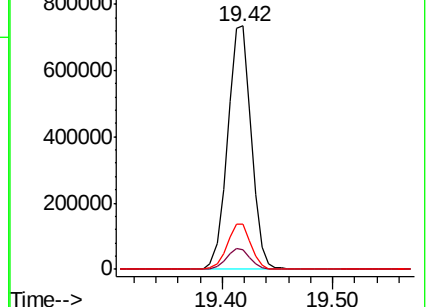
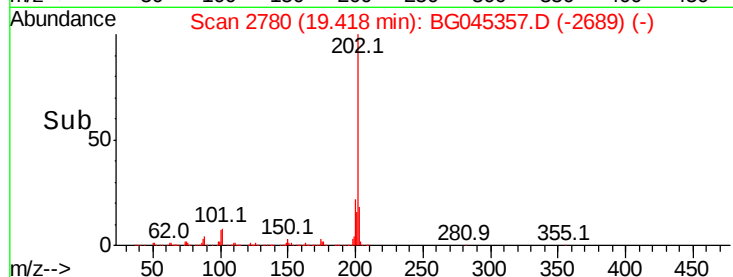
203 18.5 0.0 39.7



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: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

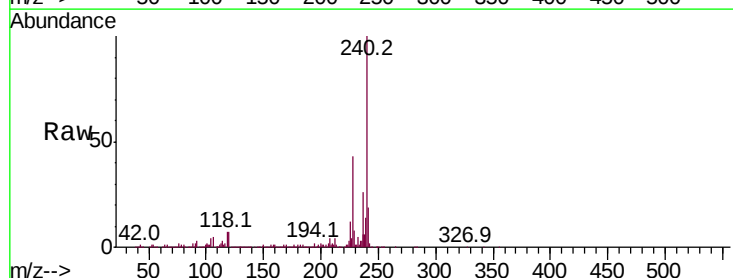
Tgt Ion:240 Resp: 424930

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 7.0   | 6.6   | 10.0  |
| 236 | 26.1  | 22.2  | 33.2  |

240 100

120 7.0 6.6 10.0

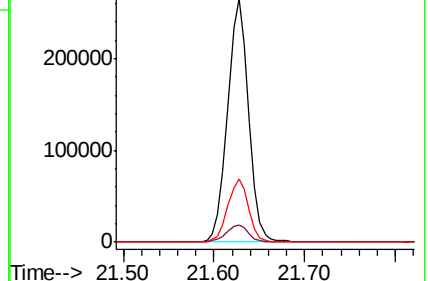
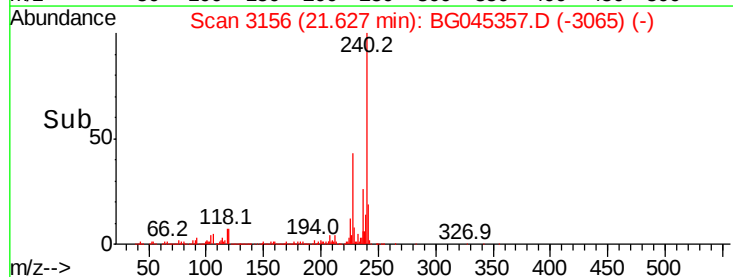
236 26.1 22.2 33.2



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: 35.727 ng

RT: 19.59 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

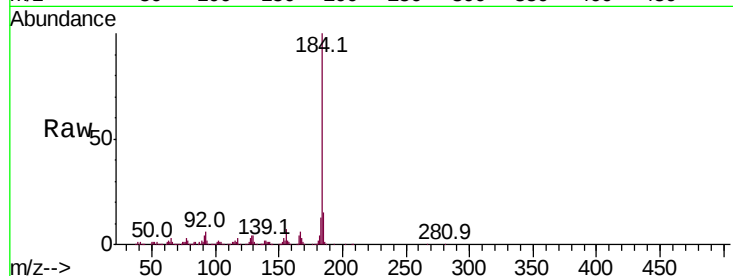
BNA\_P

ClientSampleId :

PB128795BS

Tot Ion:184 Resp: 454817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.5  | 12.6  | 19.0  |
| 183 | 12.5  | 11.3  | 16.9  |

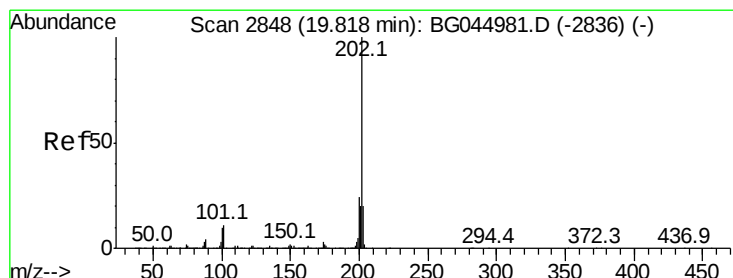
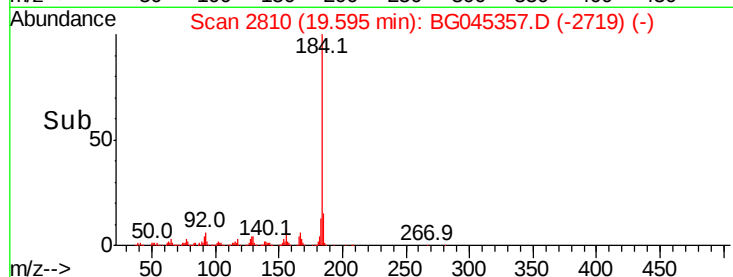
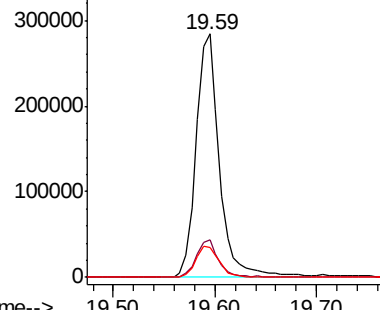


Abundance

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



#78

Pyrene

Concen: 37.141 ng

RT: 19.78 min Scan# 2841

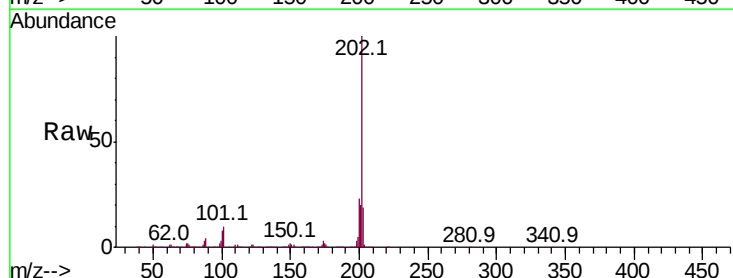
Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Tgt Ion:202 Resp: 1088035

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.9  | 19.0  | 28.6  |
| 203 | 18.9  | 16.1  | 24.1  |

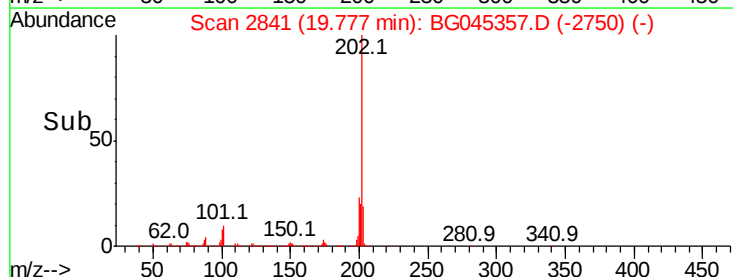
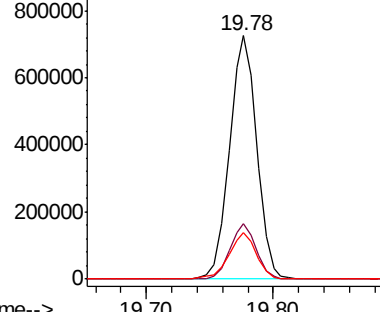


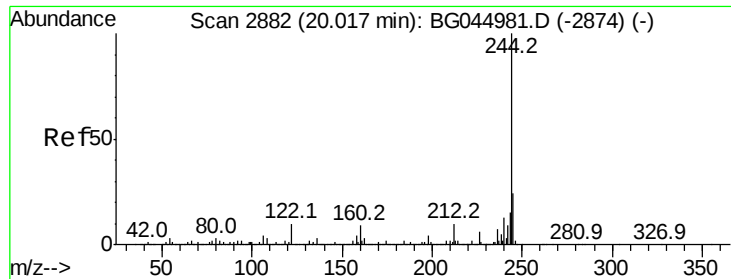
Abundance

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





#79

Terphenyl-d14

Concen: 85.216 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

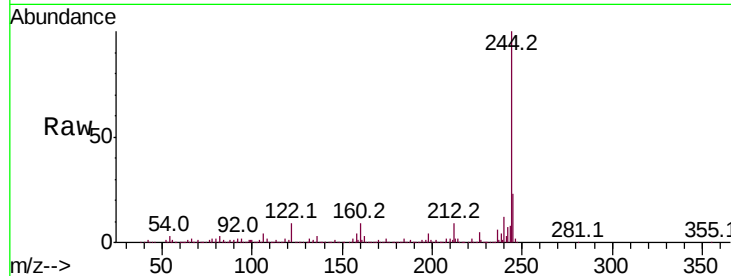
Tot Ion:244 Resp: 1661385

Ion Ratio Lower Upper

244 100

212 9.4 7.9 11.9

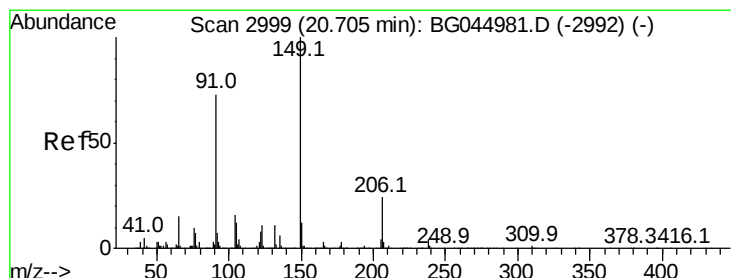
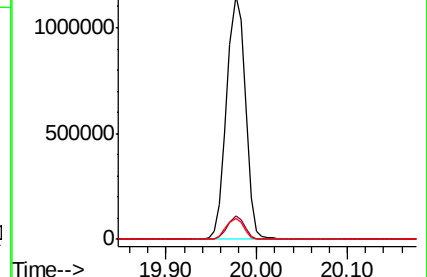
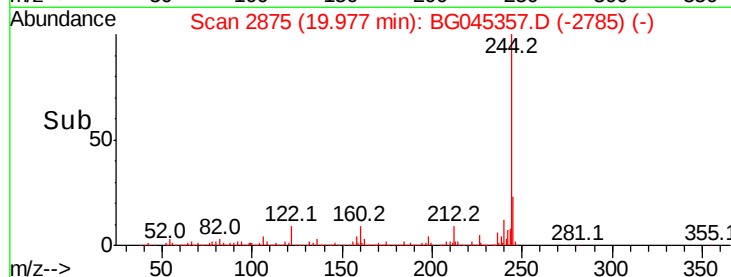
122 8.8 7.7 11.5



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: 37.400 ng

RT: 20.66 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

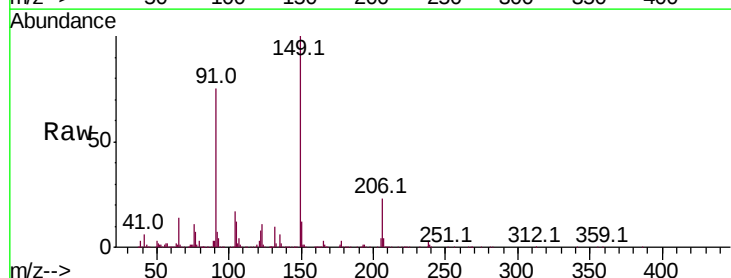
Tgt Ion:149 Resp: 454145

Ion Ratio Lower Upper

149 100

91 75.5 58.5 87.7

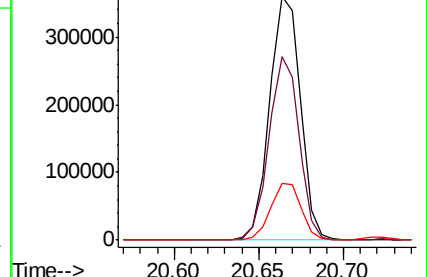
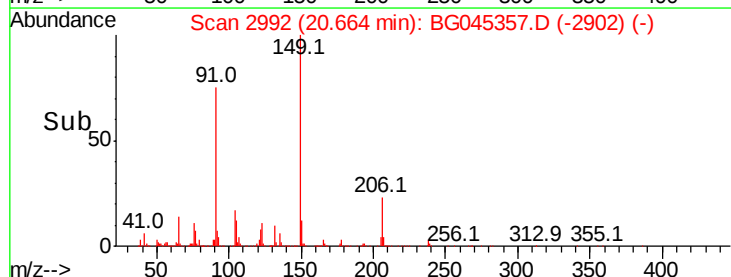
206 23.1 19.2 28.8

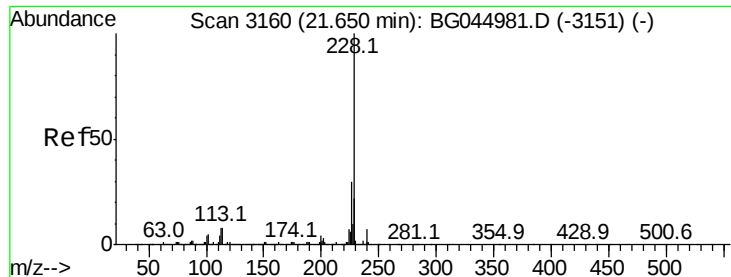


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.038 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

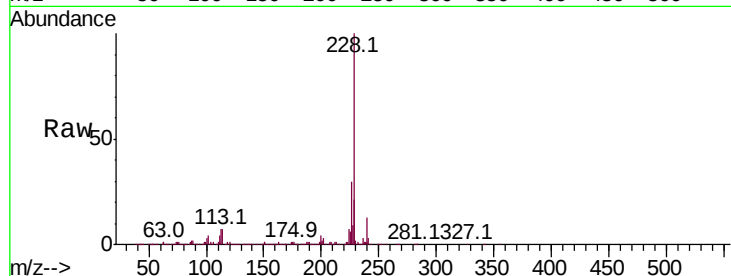
Tot Ion:228 Resp: 1047614

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

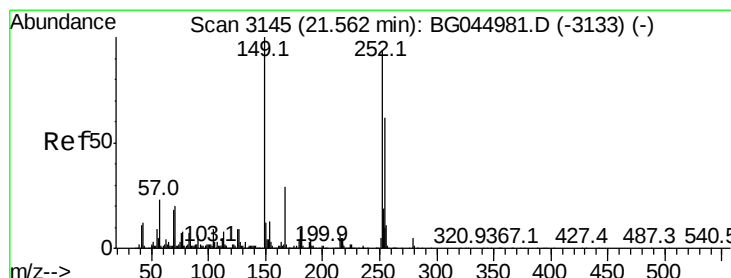
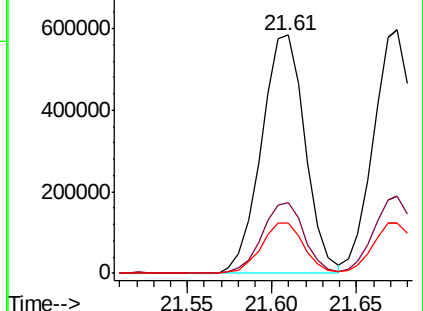
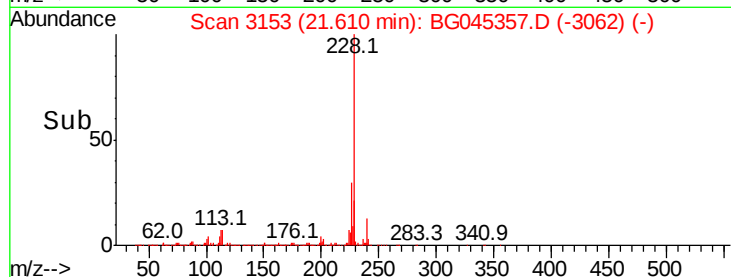
229 21.3 17.5 26.3



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: 22.556 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

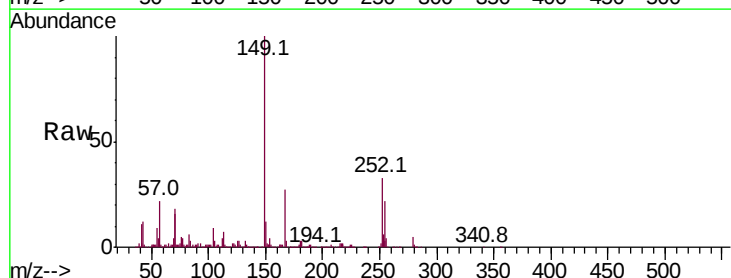
Tgt Ion:252 Resp: 247259

Ion Ratio Lower Upper

252 100

254 67.0 52.6 79.0

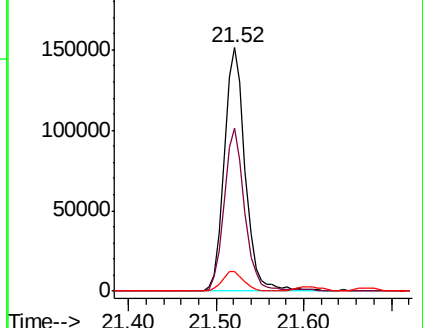
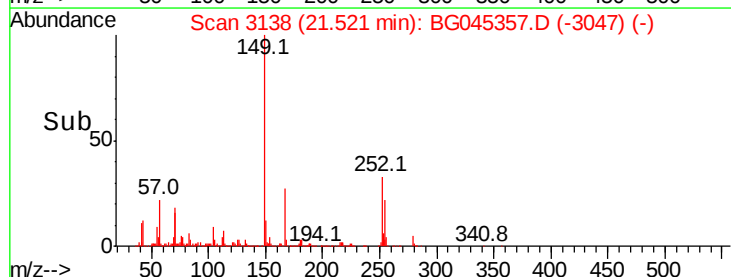
126 7.8 7.5 11.3



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: 37.502 ng

RT: 21.67 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

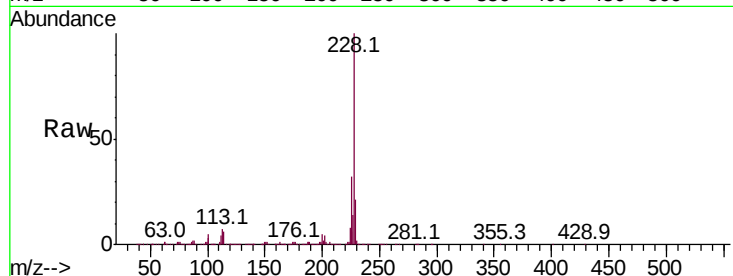
Tot Ion:228 Resp: 992386

Ion Ratio Lower Upper

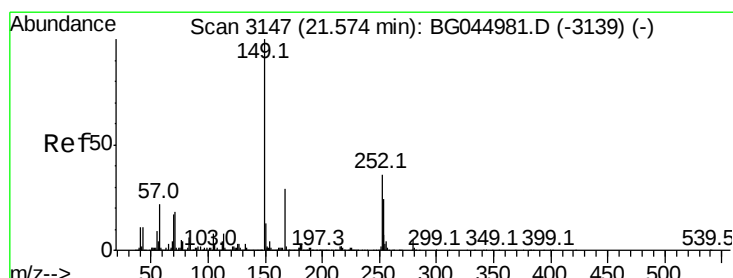
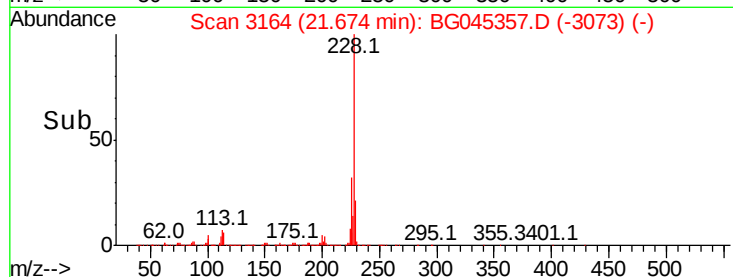
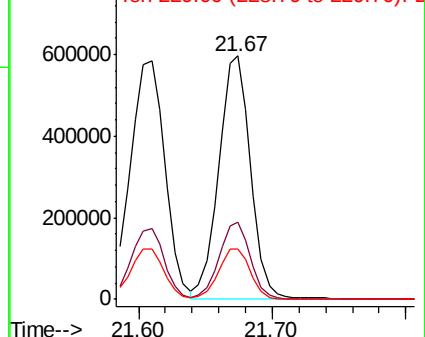
228 100

226 31.8 26.2 39.4

229 20.9 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: 38.406 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

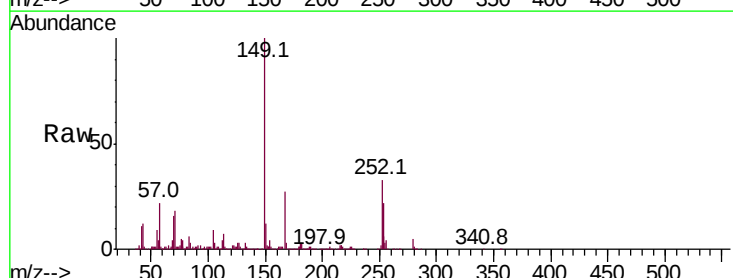
Tgt Ion:149 Resp: 641408

Ion Ratio Lower Upper

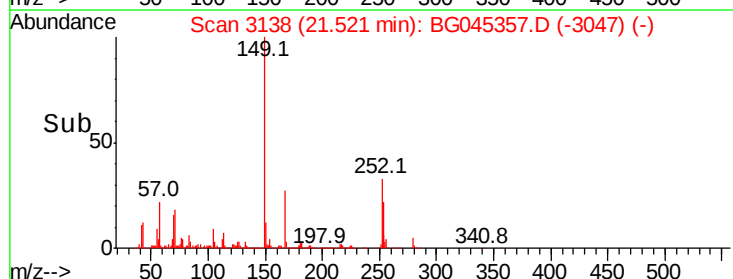
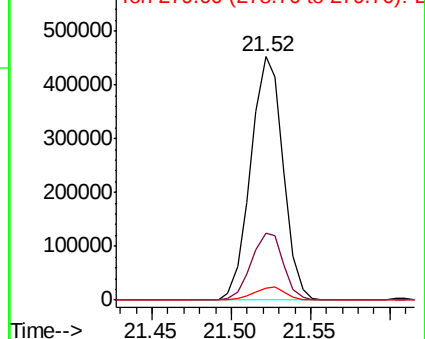
149 100

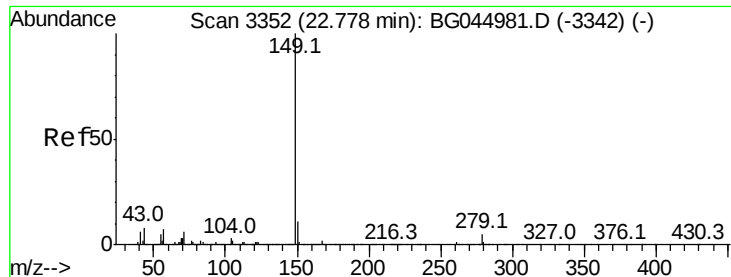
167 27.4 23.4 35.0

279 5.1 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

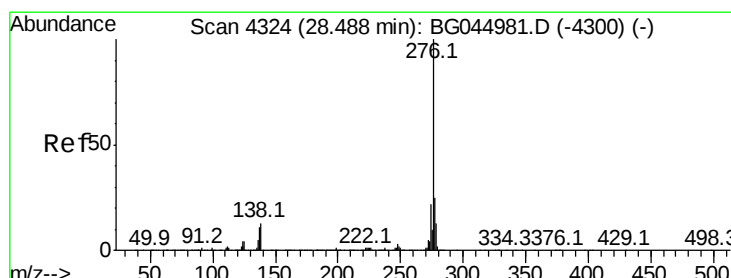
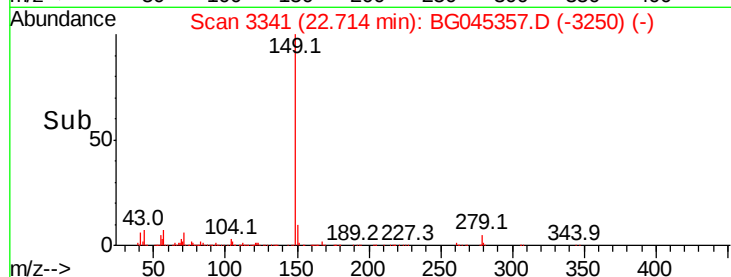
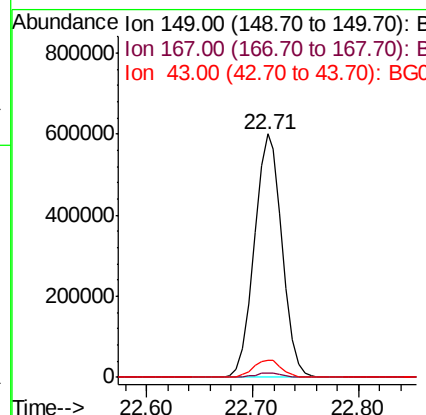
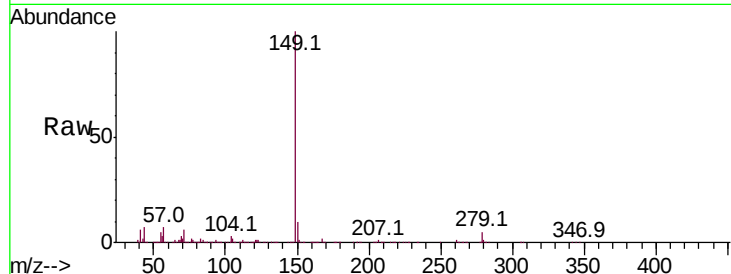




#85  
Di-n-octyl phthalate  
Concen: 37.666 ng  
RT: 22.71 min Scan# 3341  
Delta R.T. 0.00 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

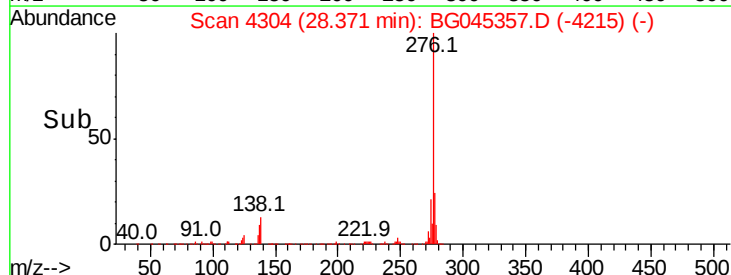
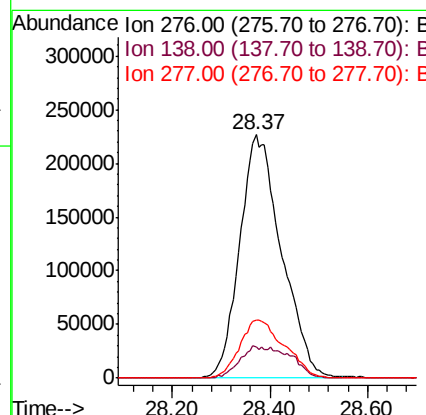
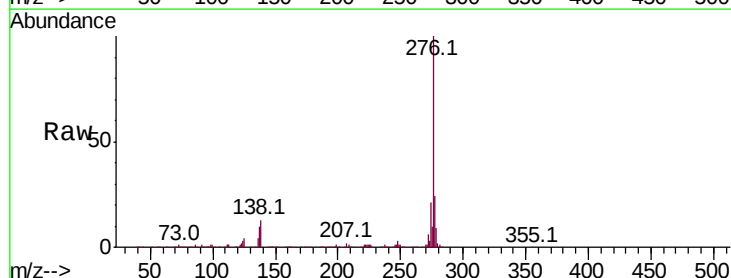
Instrument :  
BNA\_P  
ClientSampleId :  
PB128795BS

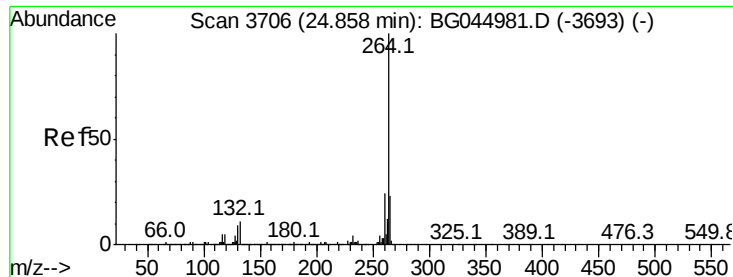
Tot Ion:149 Resp: 1087804  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 7.2 5.7 8.5



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 38.328 ng  
RT: 28.37 min Scan# 4304  
Delta R.T. -0.01 min  
Lab File: BG045357.D  
Acq: 13 May 2020 11:39

Tgt Ion:276 Resp: 1346602  
Ion Ratio Lower Upper  
276 100  
138 8.3 9.6 14.4#  
277 25.6 20.6 31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA\_P

ClientSampleId :

PB128795BS

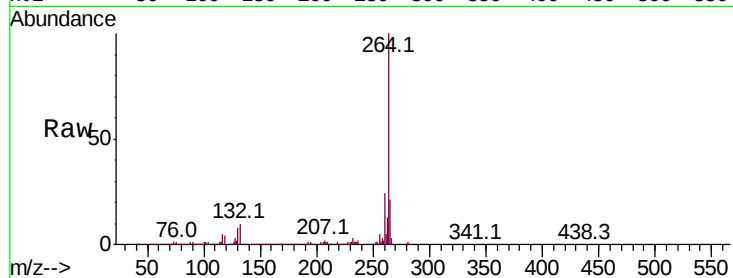
Tot Ion:264 Resp: 470033

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

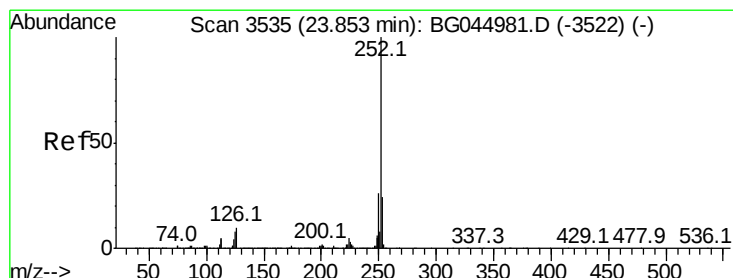
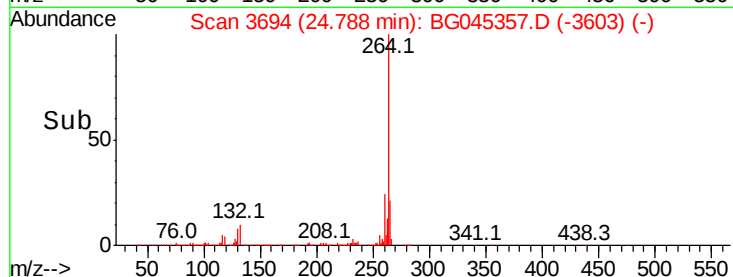
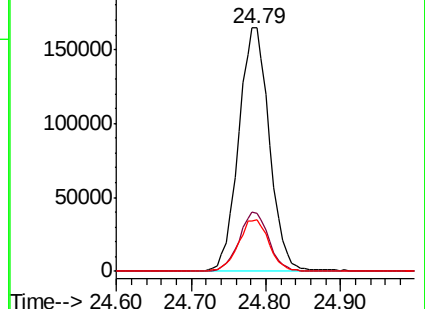
265 21.2 19.0 28.4



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: 38.151 ng

RT: 23.79 min Scan# 3524

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

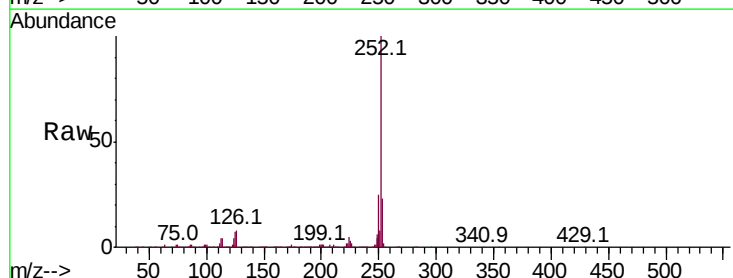
Tgt Ion:252 Resp: 1123255

Ion Ratio Lower Upper

252 100

253 22.6 18.8 28.2

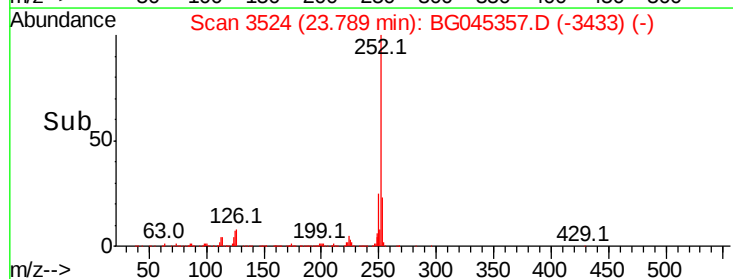
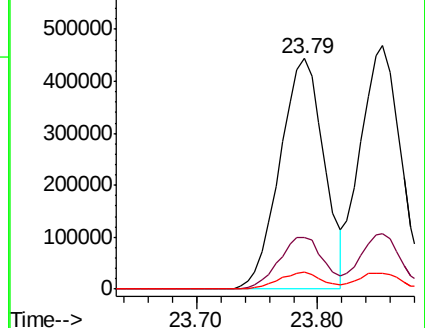
125 7.1 6.2 9.4

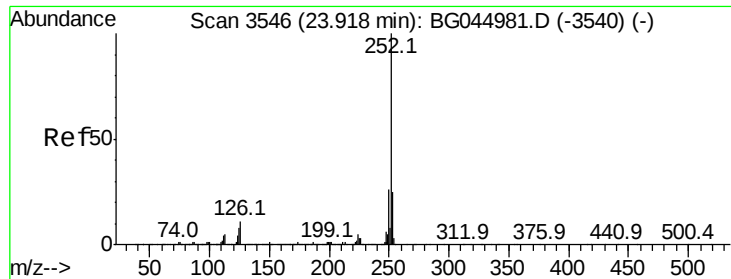


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.935 ng

RT: 23.85 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

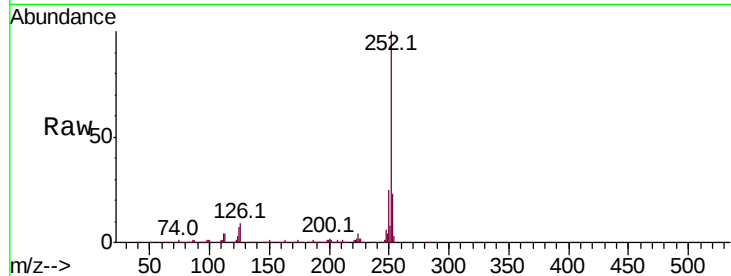
BNA\_P

ClientSampleId :

PB128795BS

Tot Ion:252 Resp: 1090180

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 19.2  | 28.8  |
| 125 | 6.5   | 5.9   | 8.9   |

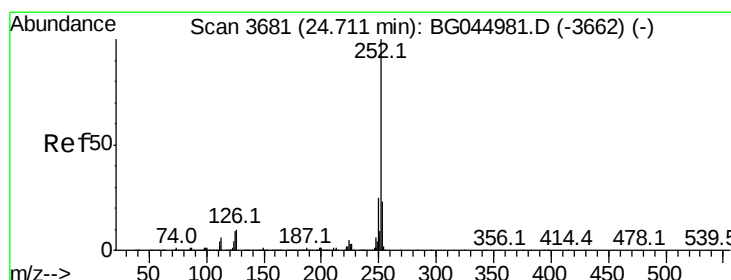
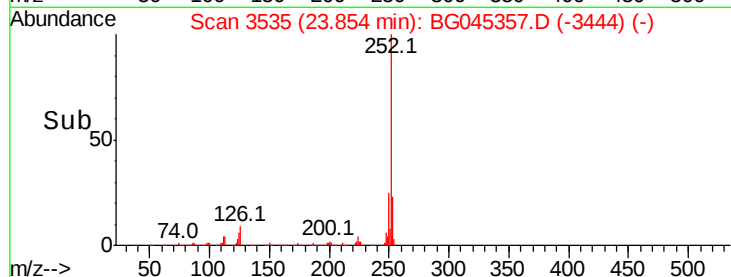
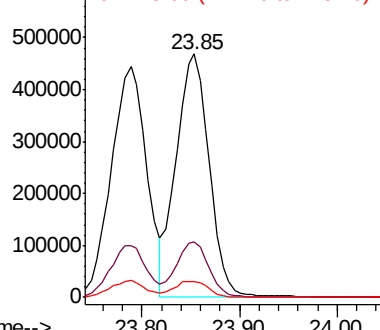


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.506 ng

RT: 24.64 min Scan# 3669

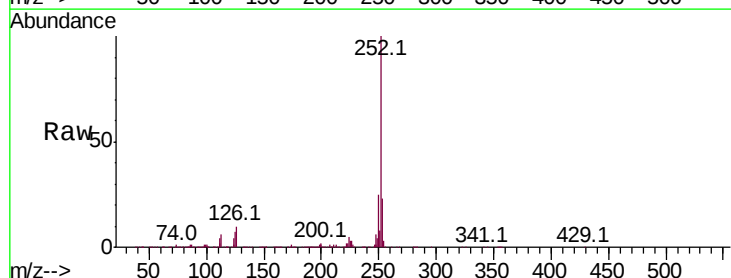
Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Tgt Ion:252 Resp: 1042619

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 18.3  | 27.5  |
| 125 | 7.0   | 7.0   | 10.6# |

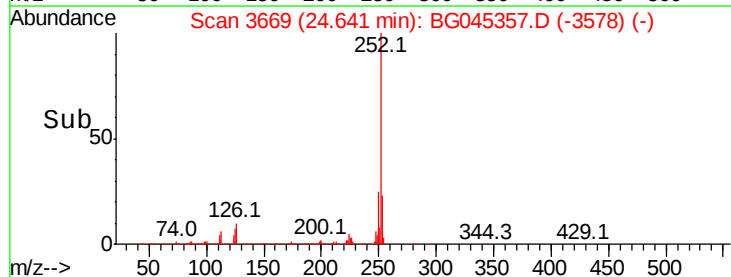
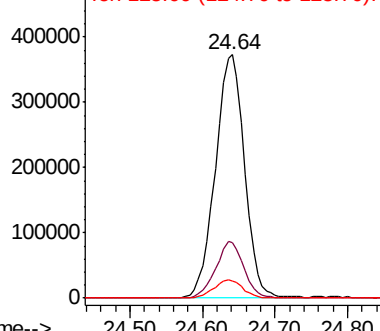


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.124 ng

RT: 28.44 min Scan# 4316

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

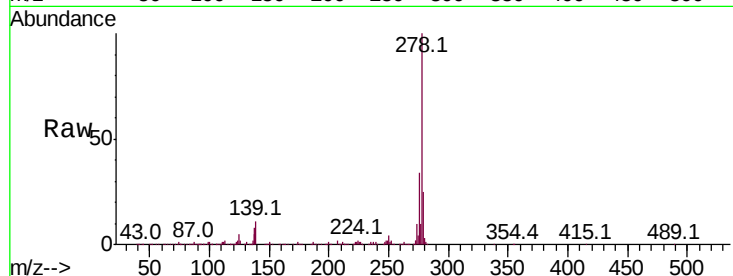
BNA\_P

ClientSampleId :

PB128795BS

Tot Ion:278 Resp: 1095894

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 10.8  | 9.0   | 13.6  |
| 279 | 24.8  | 18.4  | 27.6  |

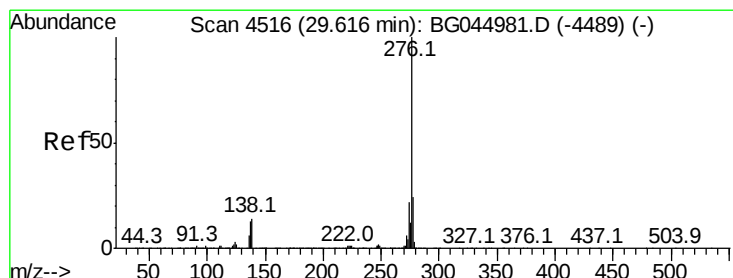
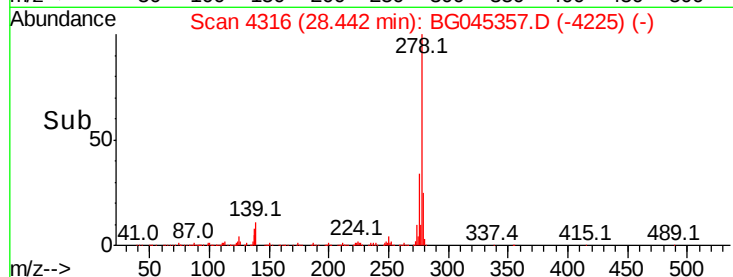
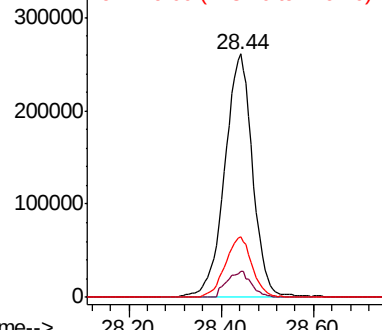


Abundance

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: 39.564 ng

RT: 29.50 min Scan# 4496

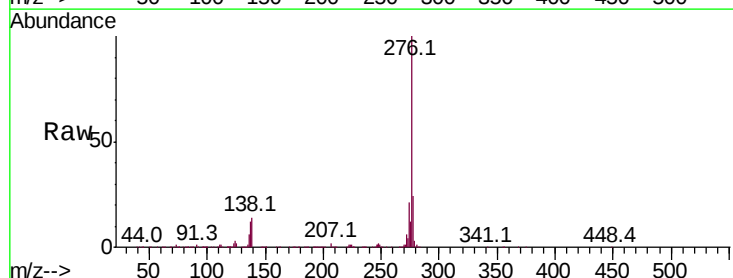
Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Tgt Ion:276 Resp: 1111061

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.4  | 19.3  | 28.9  |
| 138 | 13.9  | 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

