

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050720\  
 Data File : BG045270.D  
 Acq On : 7 May 2020 15:21  
 Operator : CG/JU  
 Sample : L2515-04MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMS

Quant Time: May 07 16:54:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 07 12:51:10 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.98  | 152  | 63784    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.79 | 136  | 251620   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.63 | 164  | 181797   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.38 | 188  | 432932   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.64 | 240  | 396600   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.81 | 264  | 440198   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.55  | 112 | 463201  | 119.89 | ng | 0.00 |
| 7) Phenol-d6                | 7.15  | 99  | 587921  | 102.42 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.14  | 82  | 480570  | 87.15  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.12 | 330 | 370721  | 132.00 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.25 | 172 | 1101287 | 88.83  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.99 | 244 | 1918001 | 105.41 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.44  | 88  | 63283  | 36.857 | ng | # 40 |
| 3) Pyridine                    | 3.85  | 79  | 145105 | 27.448 | ng | 99   |
| 4) n-Nitrosodimethylamine      | 3.75  | 42  | 71434  | 44.109 | ng | 90   |
| 6) Aniline                     | 7.30  | 93  | 215929 | 28.932 | ng | 98   |
| 8) 2-Chlorophenol              | 7.55  | 128 | 182159 | 43.870 | ng | 98   |
| 9) Benzaldehyde                | 7.11  | 77  | 126606 | 38.791 | ng | 99   |
| 10) Phenol                     | 7.18  | 94  | 202804 | 35.307 | ng | 98   |
| 11) bis(2-Chloroethyl)ether    | 7.40  | 93  | 177948 | 38.910 | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 7.87  | 146 | 198388 | 40.547 | ng | 95   |
| 13) 1,4-Dichlorobenzene        | 8.02  | 146 | 202039 | 41.441 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 8.34  | 146 | 191605 | 41.080 | ng | 96   |
| 15) Benzyl Alcohol             | 8.22  | 79  | 193356 | 40.177 | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.51  | 45  | 162538 | 36.206 | ng | 94   |
| 17) 2-Methylphenol             | 8.43  | 107 | 159334 | 35.952 | ng | 93   |
| 18) Hexachloroethane           | 9.07  | 117 | 77145  | 42.091 | ng | 93   |
| 19) n-Nitroso-di-n-propylamine | 8.79  | 70  | 162470 | 40.023 | ng | 99   |
| 20) 3+4-Methylphenols          | 8.76  | 107 | 218945 | 35.295 | ng | 98   |
| 22) Acetophenone               | 8.80  | 105 | 303788 | 44.645 | ng | # 98 |
| 24) Nitrobenzene               | 9.18  | 77  | 238193 | 42.139 | ng | 93   |
| 25) Isophorone                 | 9.71  | 82  | 457554 | 40.517 | ng | 99   |
| 26) 2-Nitrophenol              | 9.90  | 139 | 109617 | 45.020 | ng | 99   |
| 27) 2,4-Dimethylphenol         | 9.96  | 122 | 177400 | 45.918 | ng | 94   |
| 28) bis(2-Chloroethoxy)methane | 10.19 | 93  | 249061 | 41.976 | ng | 97   |
| 29) 2,4-Dichlorophenol         | 10.44 | 162 | 193690 | 43.419 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.66 | 180 | 214526 | 42.474 | ng | 97   |
| 31) Naphthalene                | 10.84 | 128 | 638322 | 46.373 | ng | 98   |
| 32) Benzoic acid               | 10.10 | 122 | 86206  | 30.327 | ng | 95   |
| 33) 4-Chloroaniline            | 10.94 | 127 | 57137  | 8.901  | ng | 95   |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 144358 | 41.687 | ng | 98   |
| 35) Caprolactam                | 11.71 | 113 | 28728  | 16.181 | ng | 97   |
| 36) 4-Chloro-3-methylphenol    | 12.08 | 107 | 225202 | 42.973 | ng | 98   |
| 37) 2-Methylnaphthalene        | 12.45 | 142 | 450355 | 42.152 | ng | 96   |
| 38) 1-Methylnaphthalene        | 12.67 | 142 | 435803 | 43.208 | ng | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.82 | 216 | 250953 | 42.873 | ng | 99   |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050720\  
 Data File : BG045270.D  
 Acq On : 7 May 2020 15:21  
 Operator : CG/JU  
 Sample : L2515-04MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

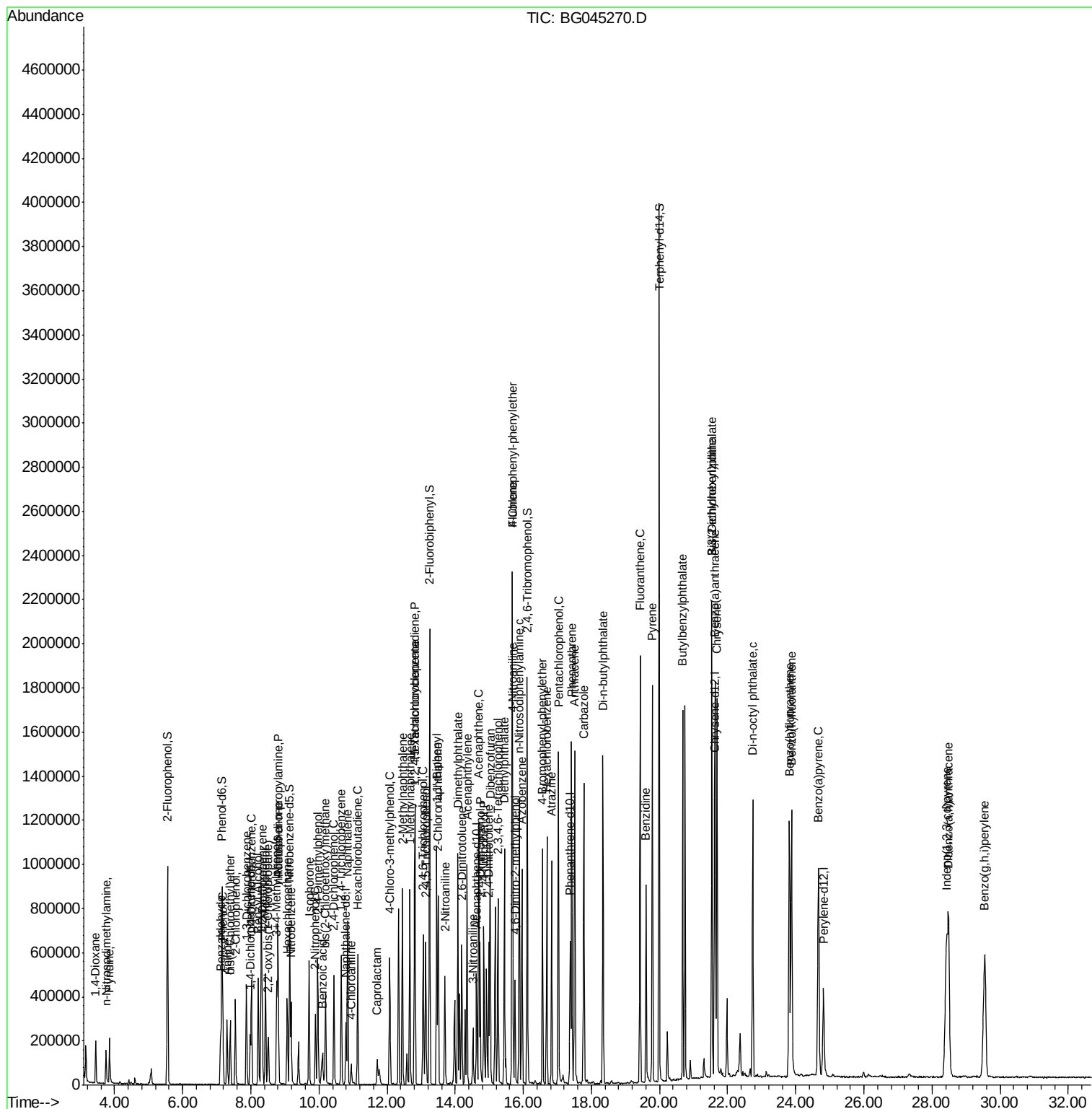
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMS

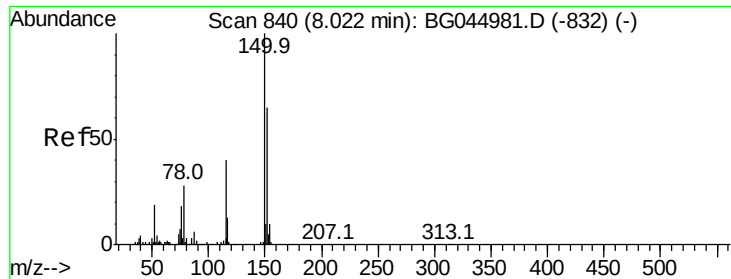
Quant Time: May 07 16:54:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 07 12:51:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 278507   | 76.127 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.06 | 196  | 176827   | 42.804 | ng    | 94       |
| 44) 2,4,5-Trichlorophenol      | 13.13 | 196  | 192095   | 40.851 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.46 | 154  | 580821   | 42.034 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.50 | 162  | 442792   | 41.938 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.70 | 65   | 146665   | 42.220 | ng    | 96       |
| 49) Acenaphthylene             | 14.34 | 152  | 743582   | 43.237 | ng    | 99       |
| 50) Dimethylphthalate          | 14.08 | 163  | 694817   | 46.938 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.19 | 165  | 143245   | 43.264 | ng    | 94       |
| 52) Acenaphthene               | 14.69 | 154  | 452014   | 38.846 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.53 | 138  | 75099    | 20.681 | ng    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.73 | 184  | 166443   | 84.541 | ng    | 92       |
| 55) Dibenzofuran               | 15.03 | 168  | 727234   | 42.868 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.84 | 139  | 193792   | 68.828 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 14.99 | 165  | 196405   | 40.591 | ng    | 99       |
| 58) Fluorene                   | 15.68 | 166  | 608675   | 43.926 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 191084   | 45.670 | ng    | 98       |
| 60) Diethylphthalate           | 15.44 | 149  | 649343   | 42.074 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 333660   | 41.834 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.69 | 138  | 137062   | 36.391 | ng    | 94       |
| 63) Azobenzene                 | 15.96 | 77   | 616948   | 43.359 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 125124   | 43.970 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 541540   | 43.536 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 234615   | 42.007 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 256611   | 44.301 | ng    | 98       |
| 69) Atrazine                   | 16.83 | 200  | 211637   | 46.843 | ng    | 99       |
| 70) Pentachlorophenol          | 17.03 | 266  | 298606   | 84.032 | ng    | 98       |
| 71) Phenanthrene               | 17.42 | 178  | 997505   | 44.837 | ng    | 100      |
| 72) Anthracene                 | 17.51 | 178  | 1024530  | 45.910 | ng    | 100      |
| 73) Carbazole                  | 17.78 | 167  | 931656   | 41.139 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 1131541  | 46.041 | ng    | 99       |
| 75) Fluoranthene               | 19.43 | 202  | 1229596  | 47.344 | ng    | 99       |
| 77) Benzidine                  | 19.60 | 184  | 561828   | 49.506 | ng    | 98       |
| 78) Pyrene                     | 19.79 | 202  | 1216129  | 44.479 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 503604   | 44.435 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.62 | 228  | 1162613  | 45.229 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 242058   | 23.659 | ng    | 97       |
| 83) Chrysene                   | 21.69 | 228  | 1108404  | 44.878 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 698110   | 44.787 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.73 | 149  | 1184791  | 43.955 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.43 | 276  | 1475561  | 44.999 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 23.81 | 252  | 1239574  | 44.955 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.88 | 252  | 1194487  | 45.552 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.67 | 252  | 1144654  | 43.968 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.49 | 278  | 1195812  | 45.584 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.55 | 276  | 1221467  | 46.443 | ng    | 97       |

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

Quant Time: May 07 16:54:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 07 12:51:10 2020  
Response via : Initial Calibration



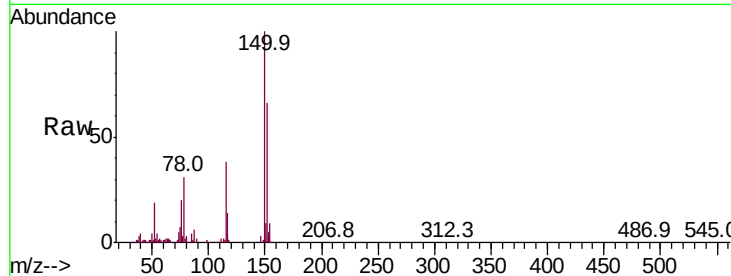


#1

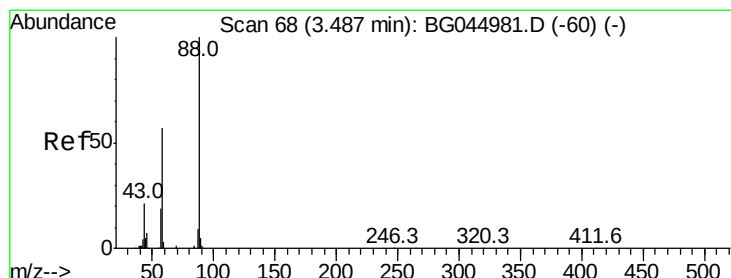
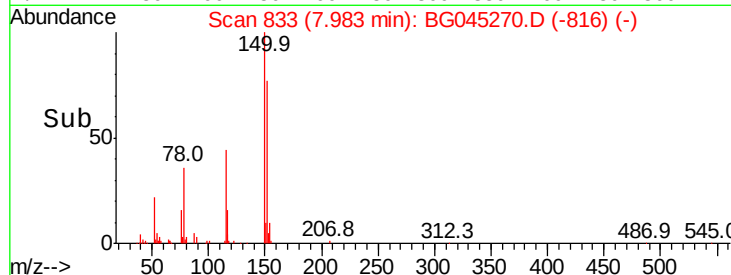
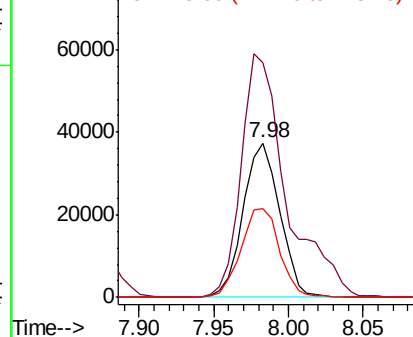
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.98 min Scan# 833  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

Tot Ion:152 Resp: 63784  
Ion Ratio Lower Upper  
152 100  
150 152.0 123.6 185.4  
115 57.2 49.1 73.7



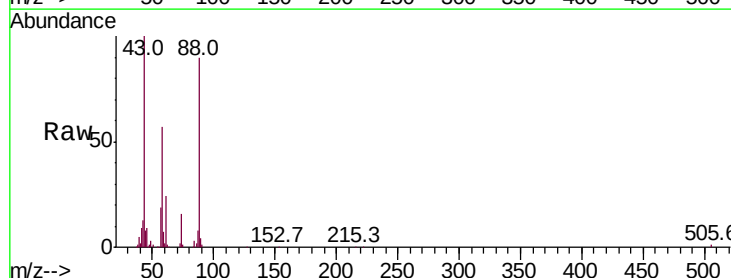
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



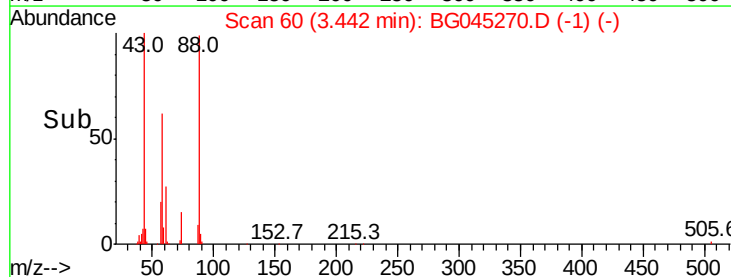
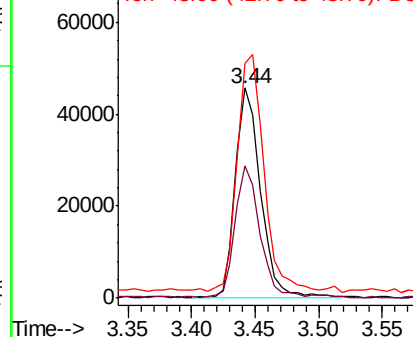
#2

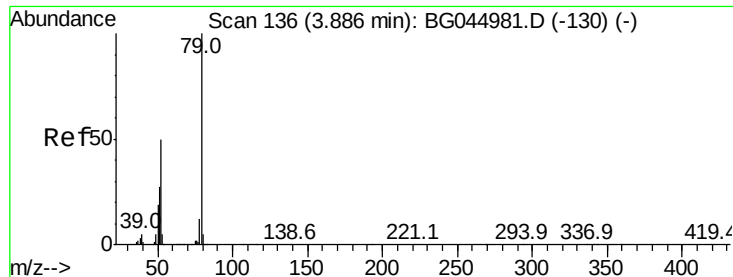
1,4-Dioxane  
Concen: 36.857 ng  
RT: 3.44 min Scan# 60  
Delta R.T. 0.01 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

Tgt Ion: 88 Resp: 63283  
Ion Ratio Lower Upper  
88 100  
58 63.2 46.6 69.8  
43 117.0 17.5 26.3#



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





#3

Pvridine

Concen: 27.448 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

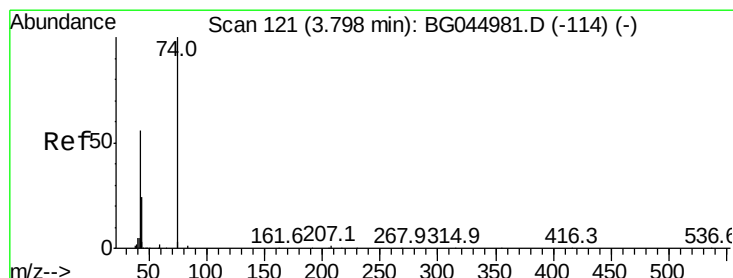
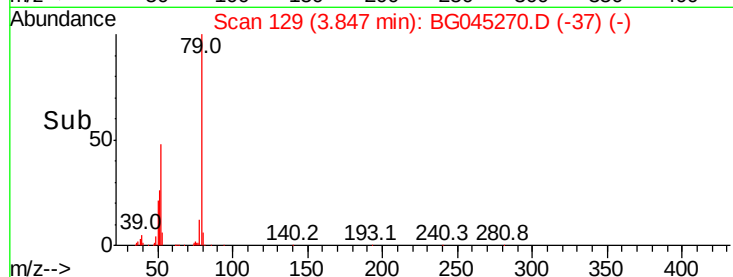
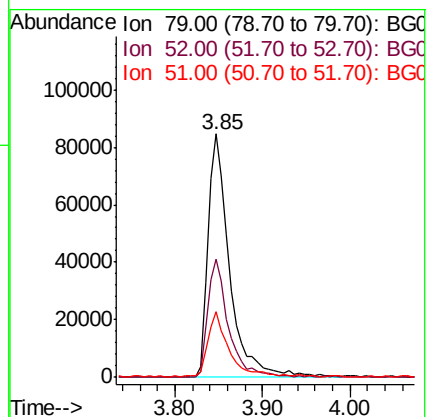
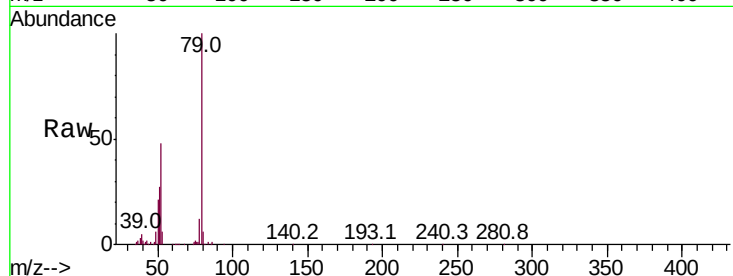
Tot Ion: 79 Resp: 145105

Ion Ratio Lower Upper

79 100

52 48.5 39.8 59.6

51 27.1 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 44.109 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

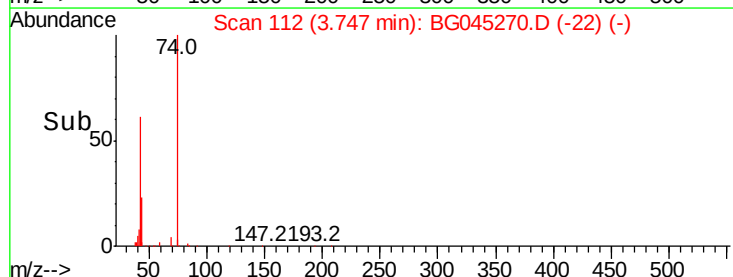
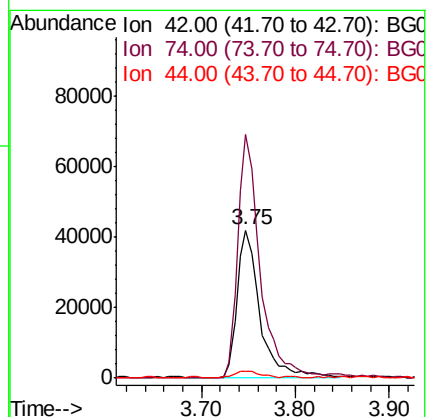
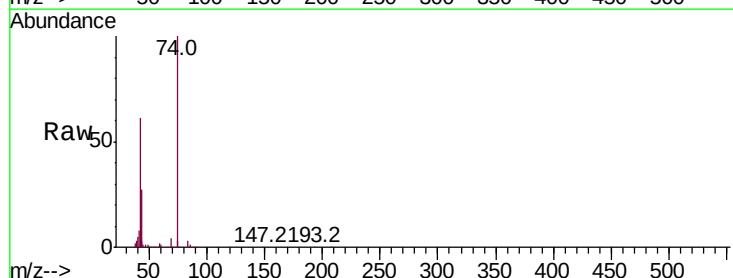
Tgt Ion: 42 Resp: 71434

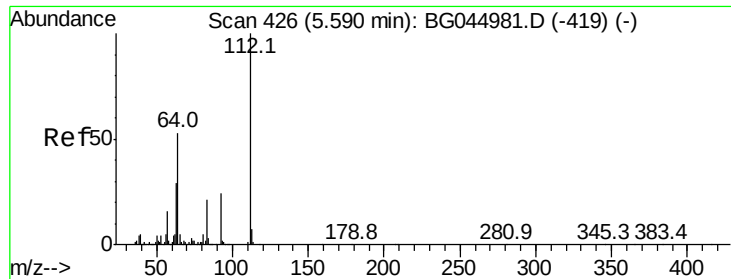
Ion Ratio Lower Upper

42 100

74 165.0 143.0 214.6

44 4.9 4.6 6.8





#5

2-Fluorophenol

Concen: 119.892 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

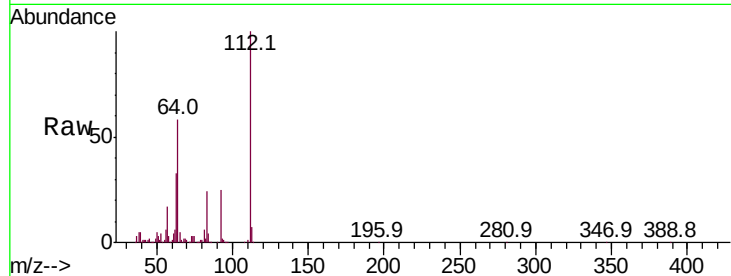
Tot Ion:112 Resp: 463201

Ion Ratio Lower Upper

112 100

64 58.1 42.4 63.6

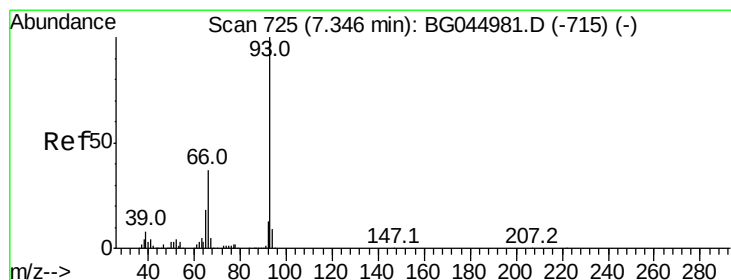
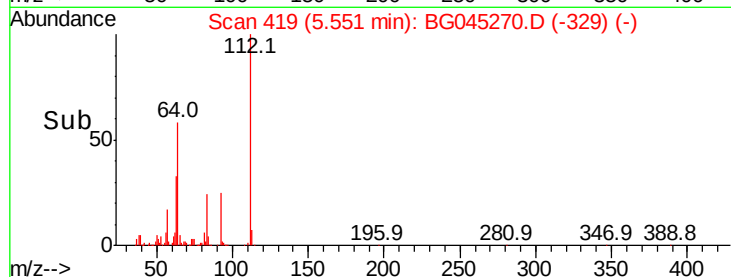
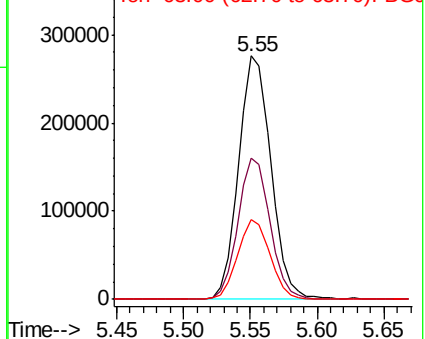
63 32.6 23.1 34.7



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: 28.932 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

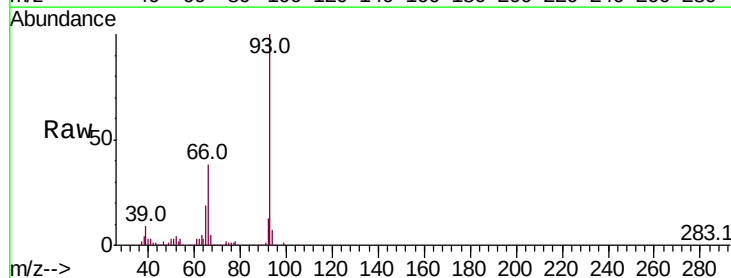
Tgt Ion: 93 Resp: 215929

Ion Ratio Lower Upper

93 100

66 38.0 29.8 44.8

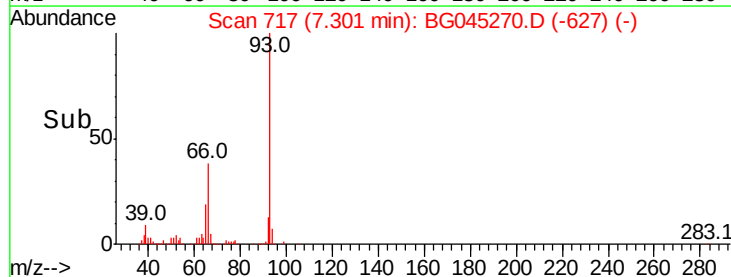
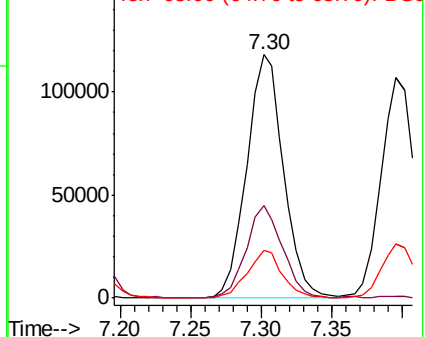
65 19.4 14.6 22.0

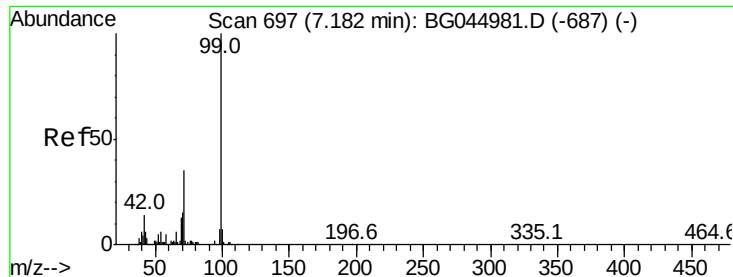


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.422 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

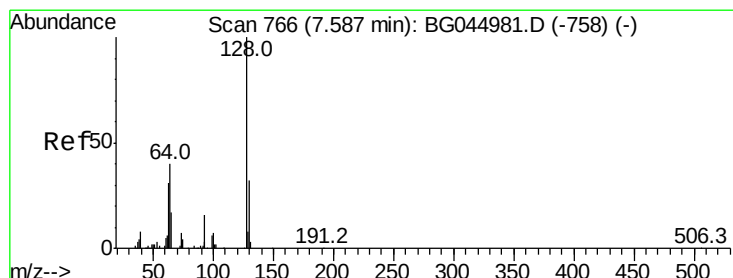
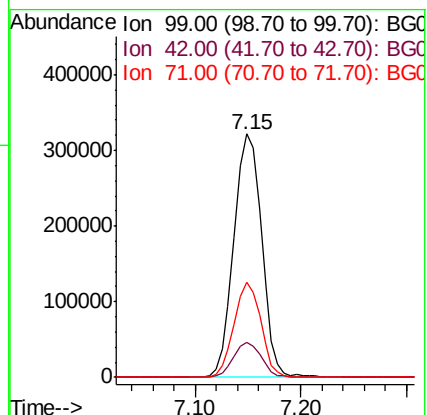
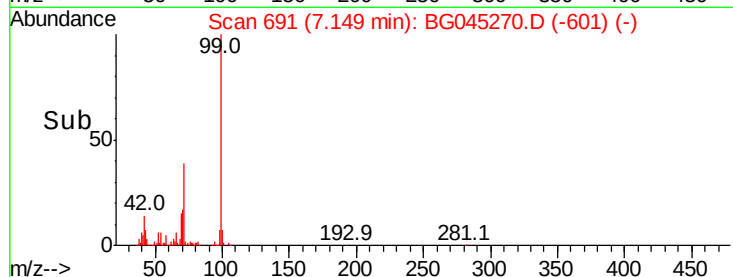
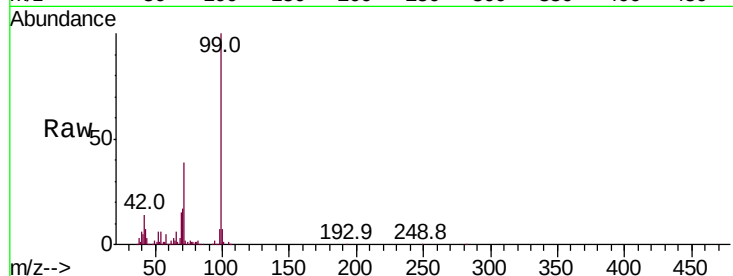
Tot Ion: 99 Resp: 587921

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

71 39.0 28.3 42.5



#8

2-Chlorophenol

Concen: 43.870 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

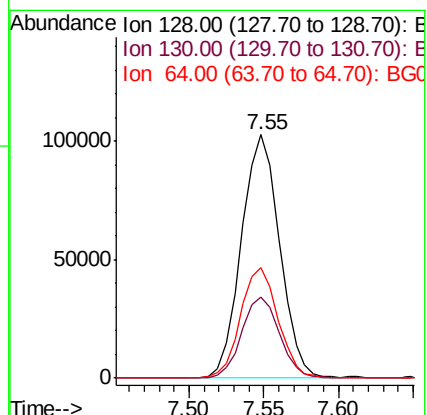
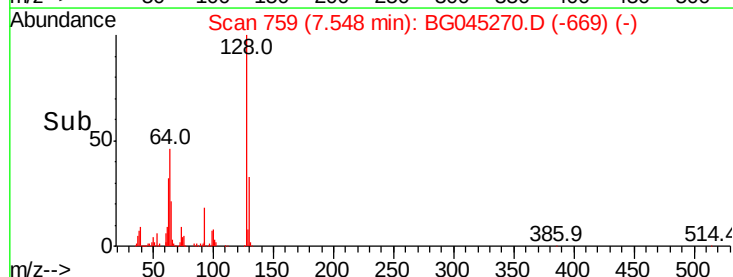
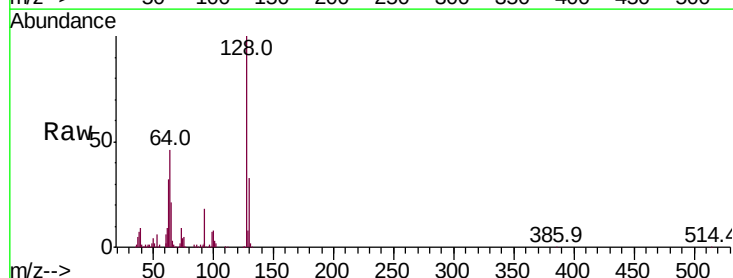
Tgt Ion: 128 Resp: 182159

Ion Ratio Lower Upper

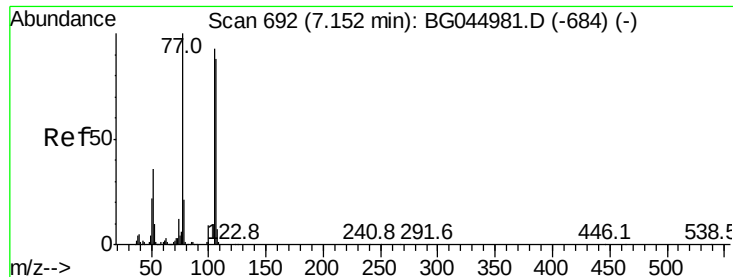
128 100

130 33.2 12.3 52.3

64 45.6 24.4 64.4







#9

Benzaldehyde

Concen: 38.791 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

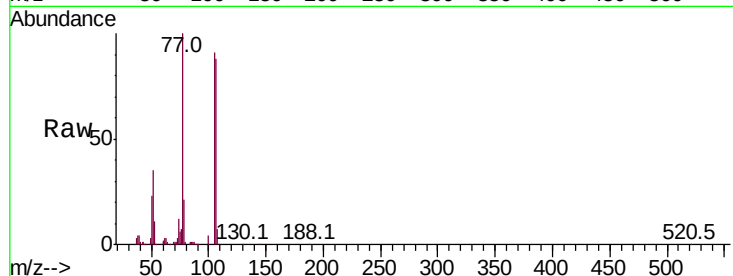
Tot Ion: 77 Resp: 126606

Ion Ratio Lower Upper

77 100

105 91.5 72.9 112.9

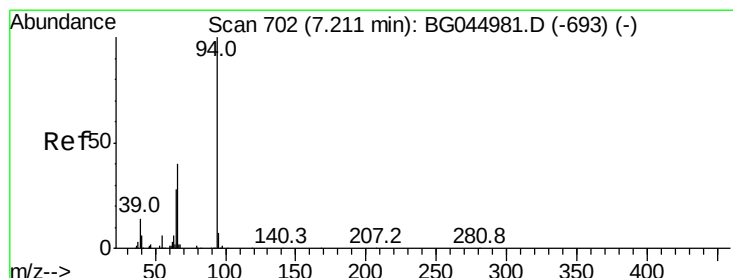
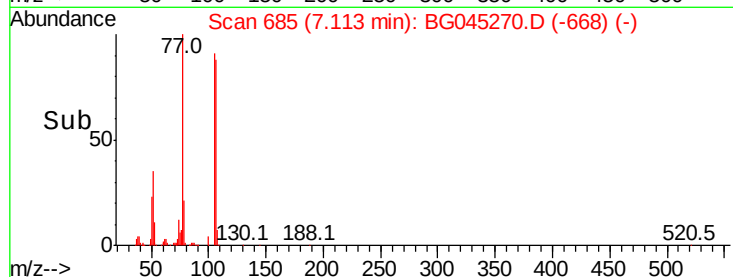
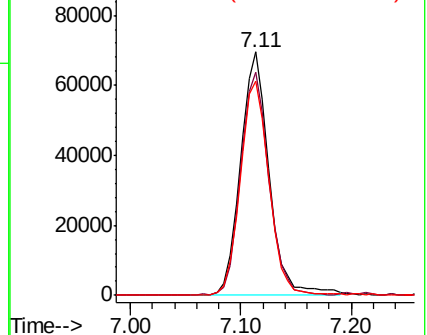
106 88.0 67.6 107.6



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: 35.307 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

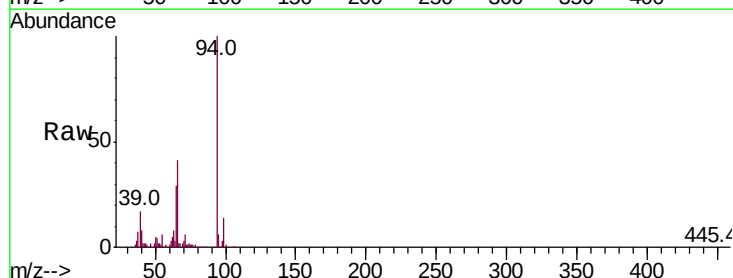
Tgt Ion: 94 Resp: 202804

Ion Ratio Lower Upper

94 100

65 29.4 8.2 48.2

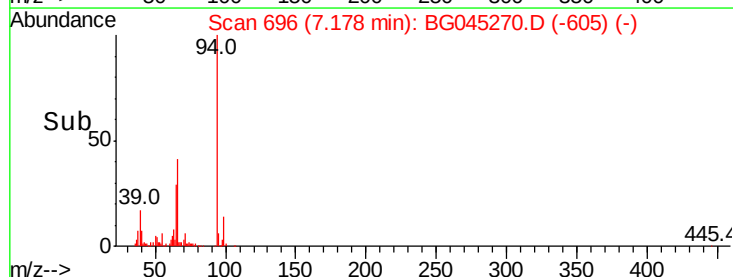
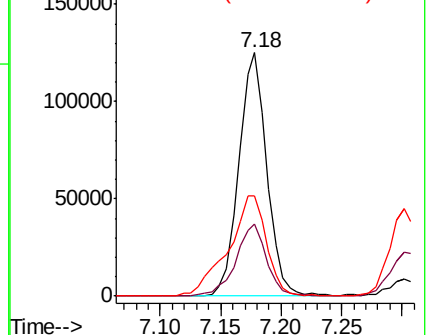
66 41.4 20.4 60.4



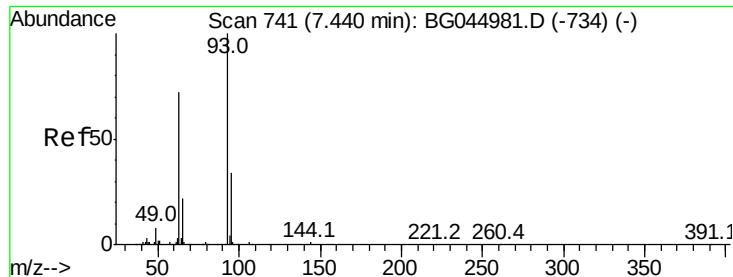
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC







#11

bis(2-Chloroethyl)ether

Concen: 38.910 ng

RT: 7.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

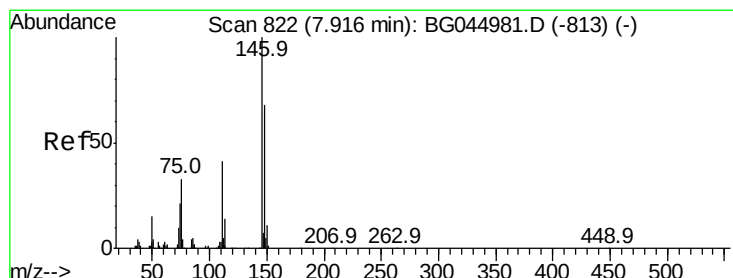
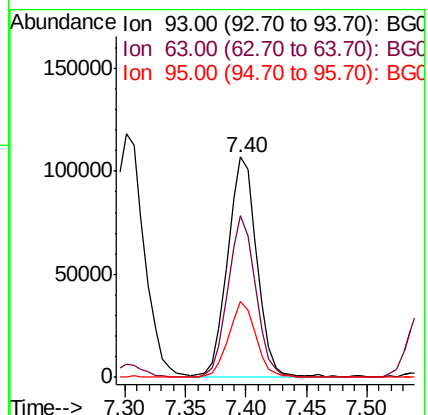
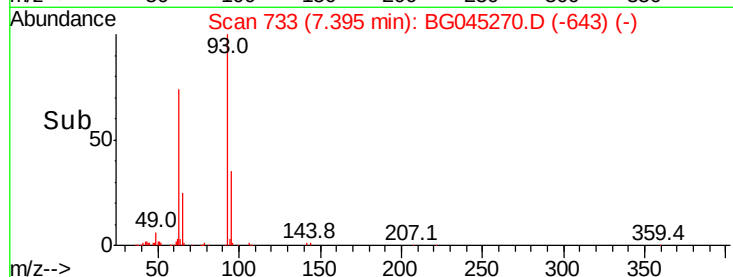
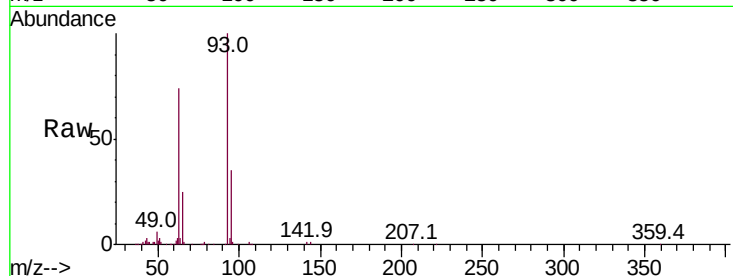
BNA\_G

ClientSampleId :

TP-18AMS

Tot Ion: 93 Resp: 177948

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 73.7  | 51.8  | 91.8  |
| 95  | 34.6  | 13.8  | 53.8  |



#12

1,3-Dichlorobenzene

Concen: 40.547 ng

RT: 7.87 min Scan# 814

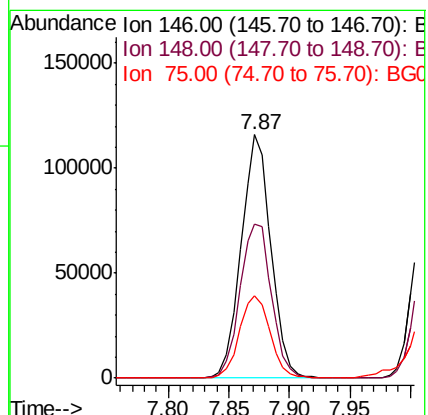
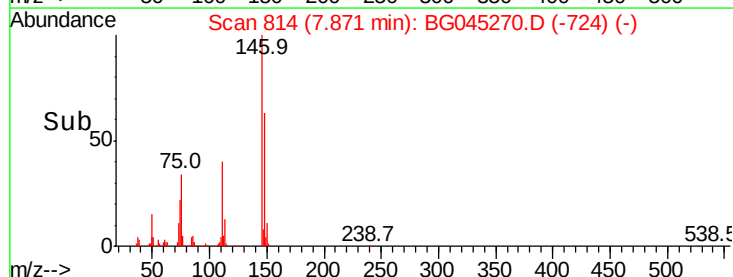
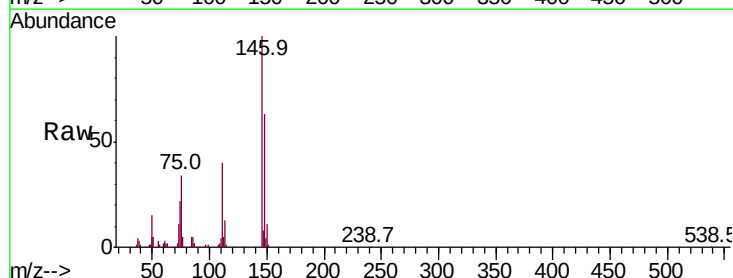
Delta R.T. -0.00 min

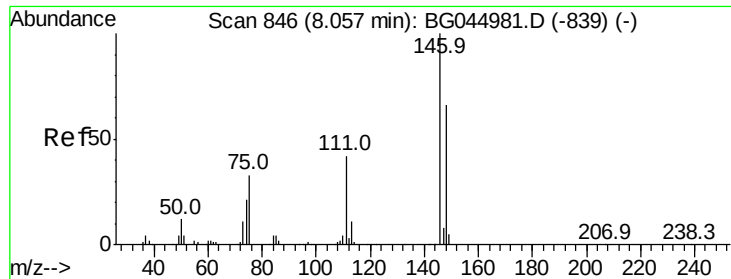
Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion: 146 Resp: 198388

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.4  | 54.6  | 81.8  |
| 75  | 34.0  | 26.0  | 39.0  |

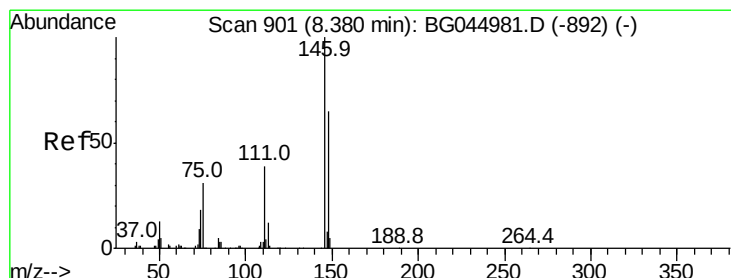
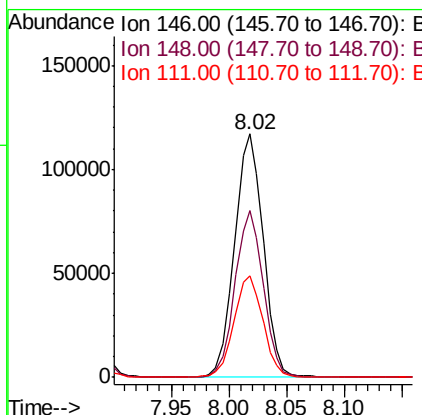
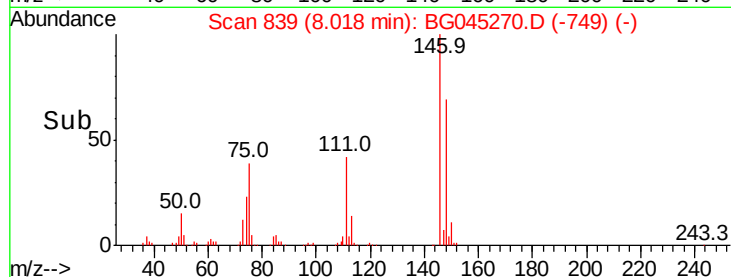
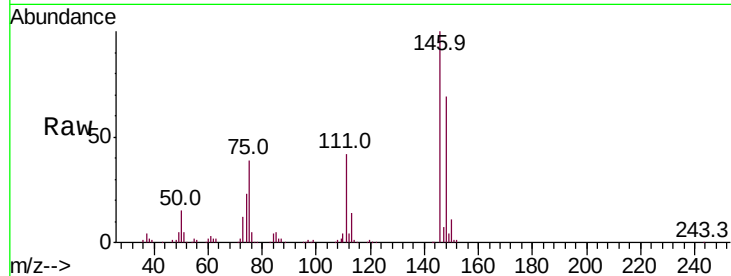




#13  
1,4-Dichlorobenzene  
Concen: 41.441 ng  
RT: 8.02 min Scan# 839  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

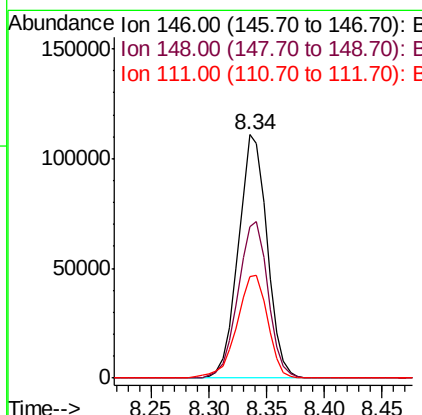
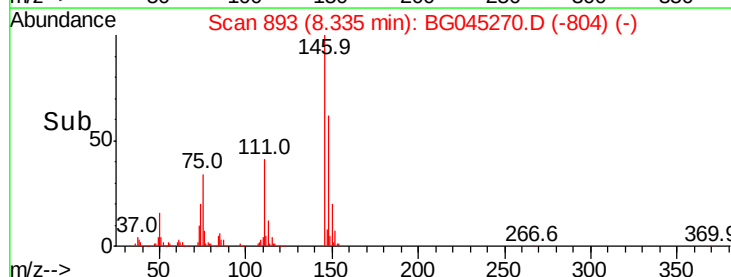
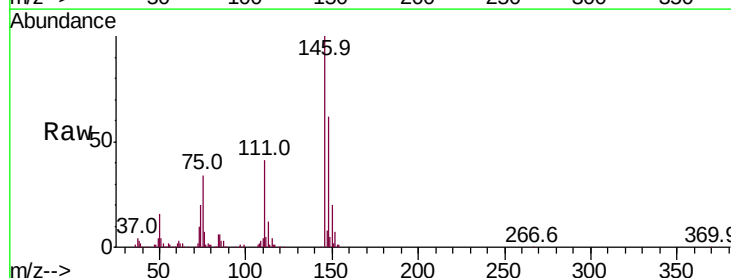
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

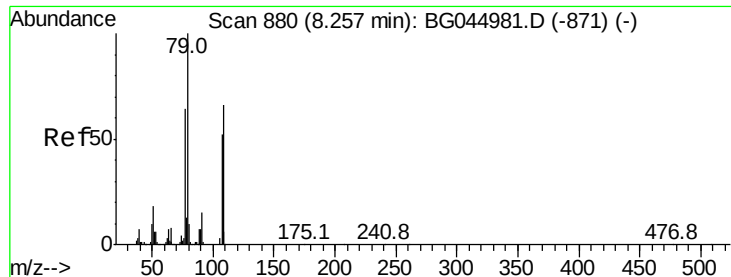
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.8  | 53.3  | 79.9  |
| 111     | 41.6  | 33.8  | 50.8  |



#14  
1,2-Dichlorobenzene  
Concen: 41.080 ng  
RT: 8.34 min Scan# 893  
Delta R.T. -0.01 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.0  | 51.9  | 77.9  |
| 111     | 41.5  | 31.3  | 46.9  |





#15

Benzyl Alcohol

Concen: 40.177 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampled :

TP-18AMS

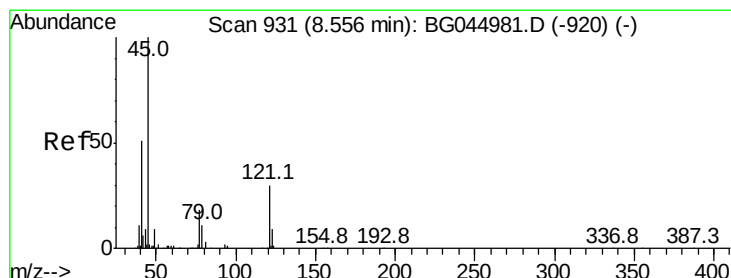
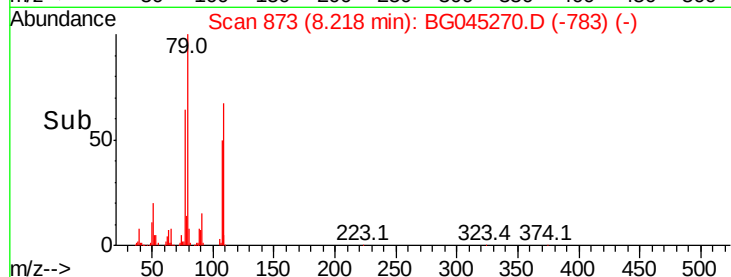
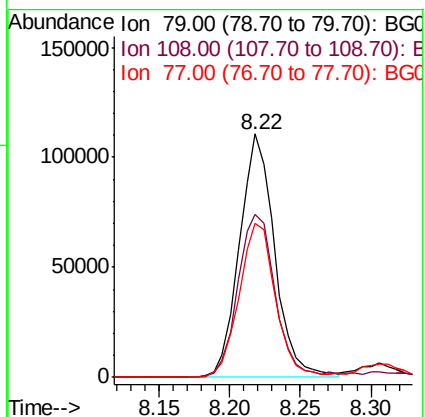
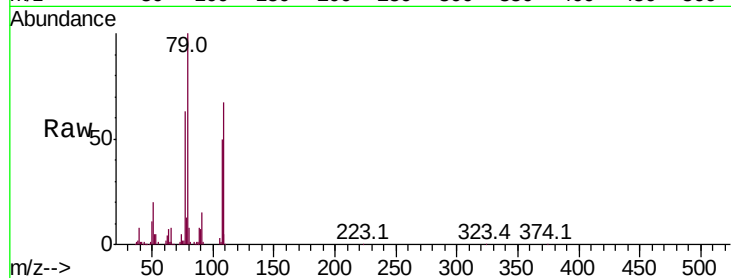
Tot Ion: 79 Resp: 193356

Ion Ratio Lower Upper

79 100

108 66.8 52.7 79.1

77 63.5 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.206 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

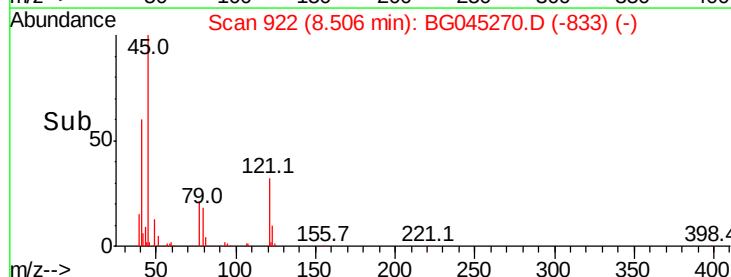
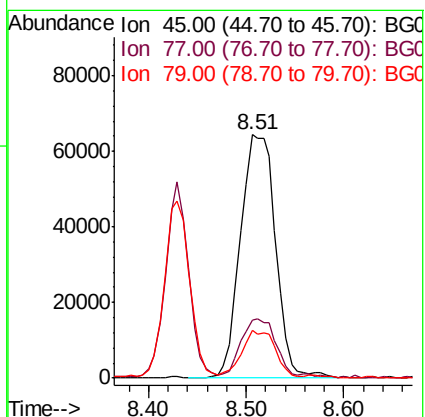
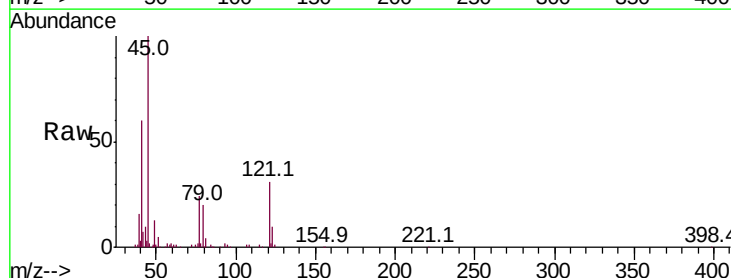
Tgt Ion: 45 Resp: 162538

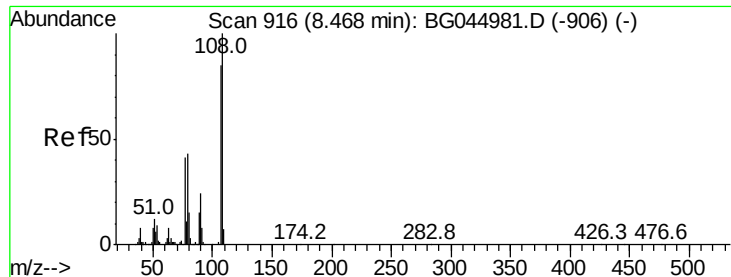
Ion Ratio Lower Upper

45 100

77 23.7 1.9 41.9

79 19.6 0.0 35.5





#17

2-Methylphenol

Concen: 35.952 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

Tot Ion:107 Resp: 159334

Ion Ratio Lower Upper

107 100

108 109.1 93.8 140.6

77 54.4 38.5 57.7

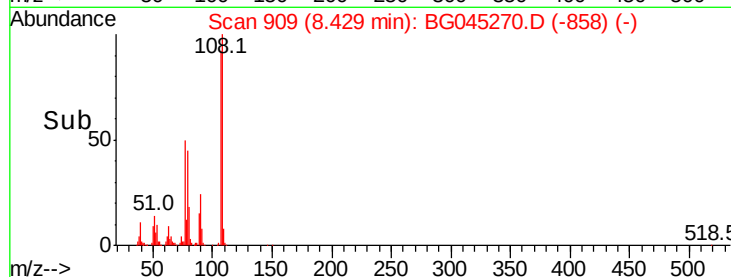
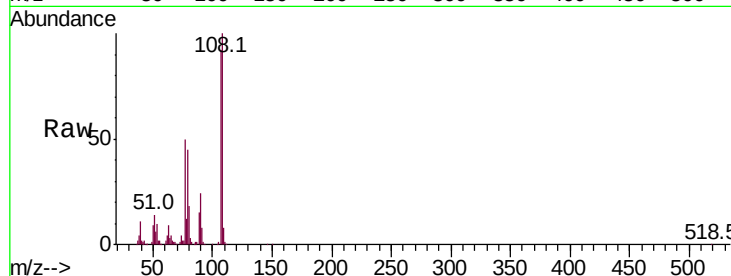
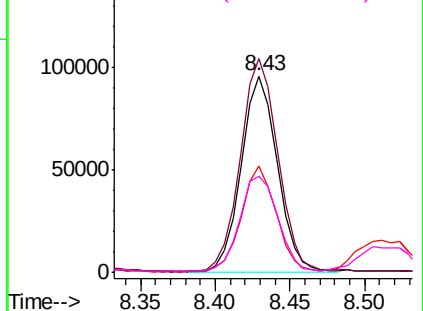
79 48.8 40.1 60.1

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: 42.091 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:117 Resp: 77145

Ion Ratio Lower Upper

117 100

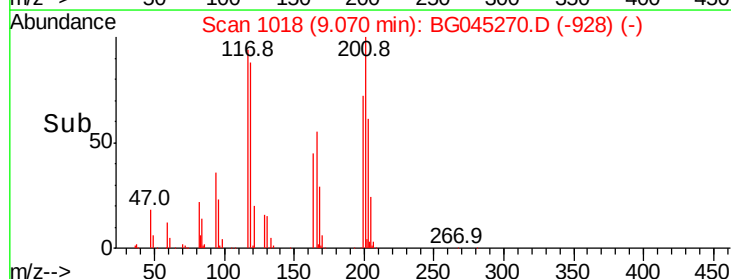
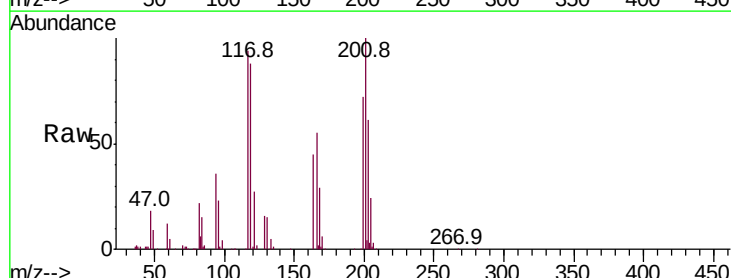
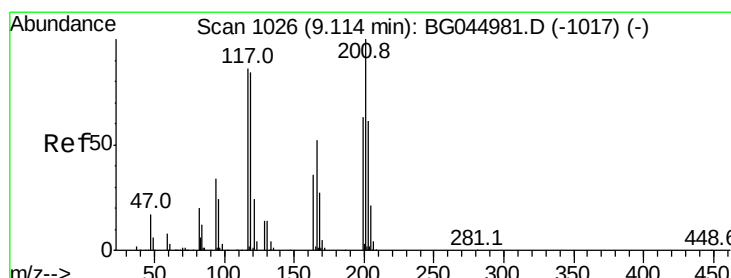
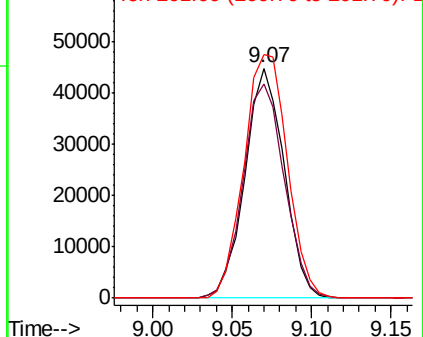
119 93.2 78.3 117.5

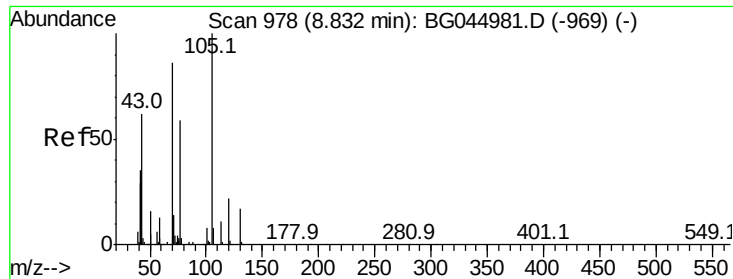
201 106.0 92.9 139.3

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

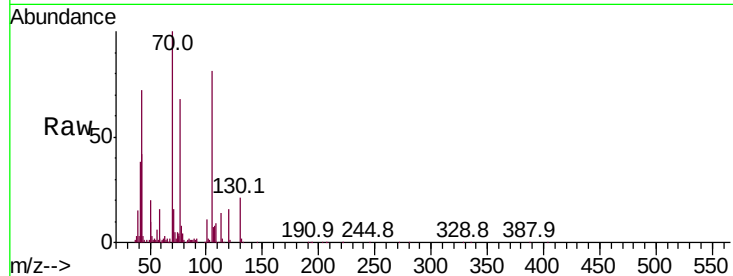




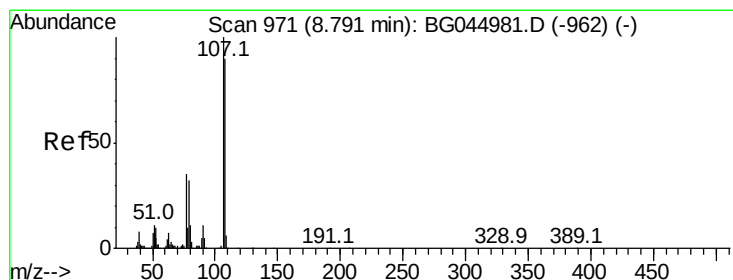
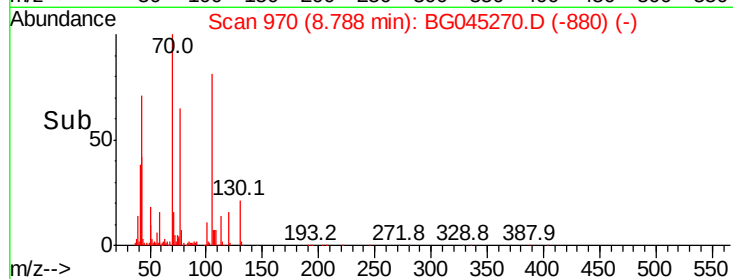
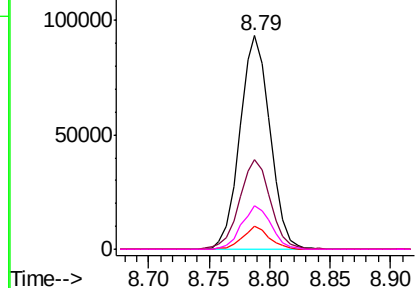
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.023 ng  
RT: 8.79 min Scan# 970  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 162470 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 42.1  | 33.3  | 49.9   |
| 101      | 10.5  | 7.8   | 11.8   |
| 130      | 20.7  | 15.8  | 23.6   |

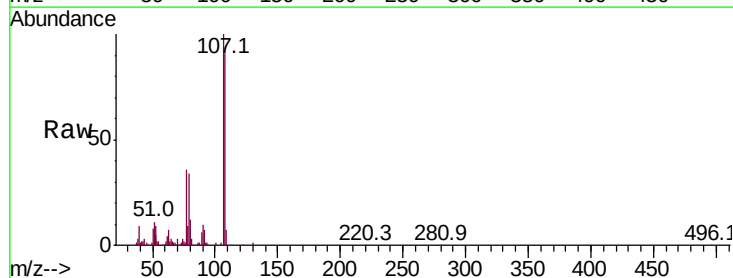


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

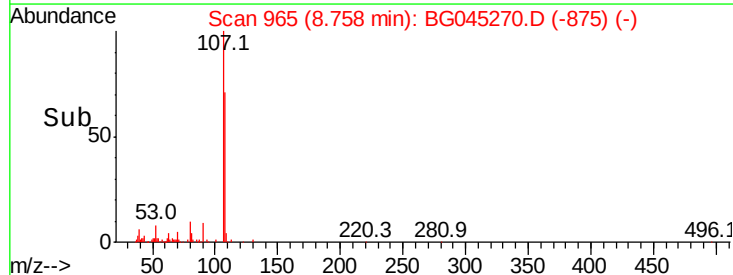
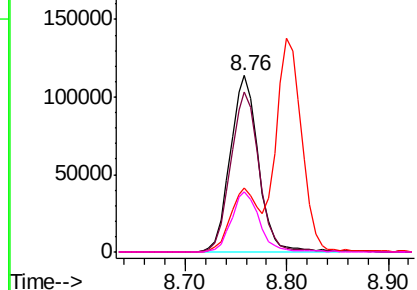


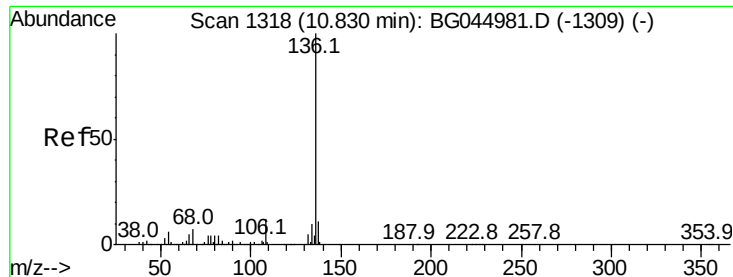
#20  
3+4-Methylphenols  
Concen: 35.295 ng  
RT: 8.76 min Scan# 965  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 218945 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.8  | 69.9  | 109.9  |
| 77       | 36.2  | 15.2  | 55.2   |
| 79       | 34.1  | 11.6  | 51.6   |



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

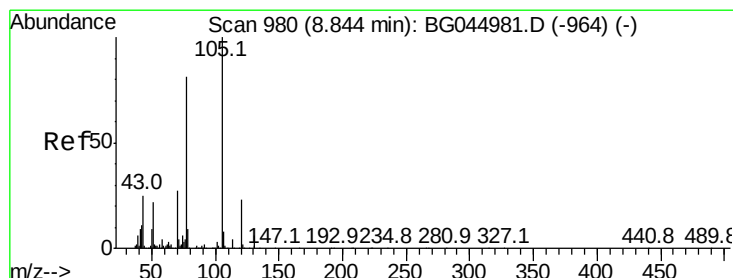
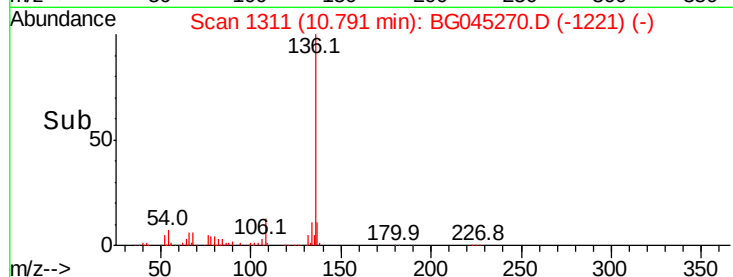
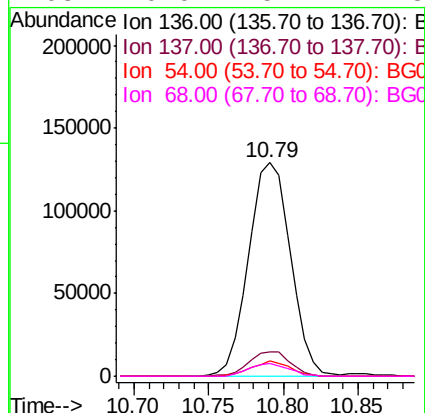
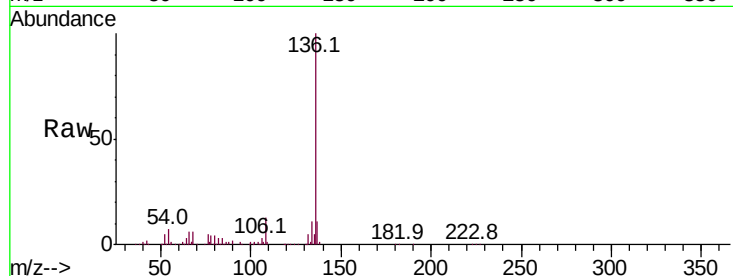




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.79 min Scan# 1311  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

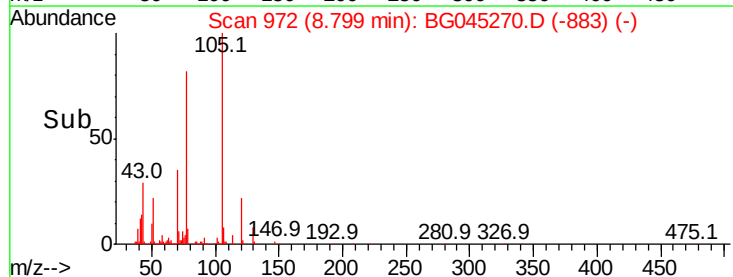
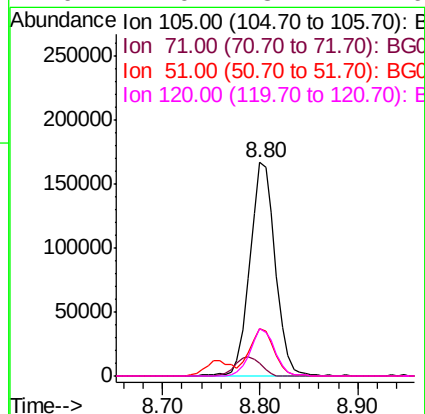
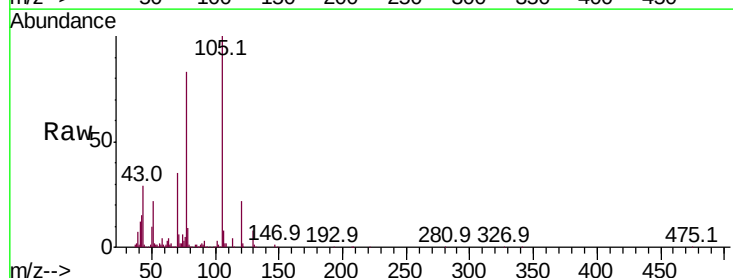
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

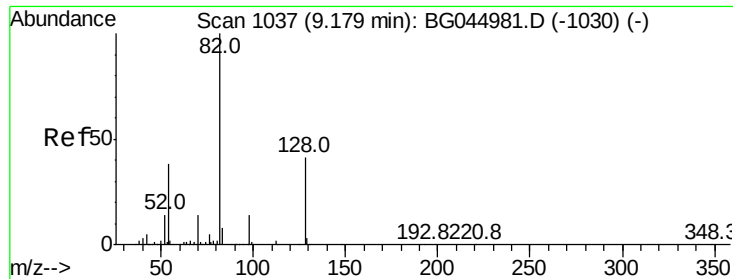
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 251620 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.5  | 8.6   | 13.0   |
| 54       | 7.0   | 4.8   | 7.2    |
| 68       | 6.0   | 5.2   | 7.8    |



#22  
Acetophenone  
Concen: 44.645 ng  
RT: 8.80 min Scan# 972  
Delta R.T. -0.01 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 303788 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.3   | 3.3   | 4.9#   |
| 51       | 22.4  | 17.3  | 25.9   |
| 120      | 22.0  | 18.4  | 27.6   |

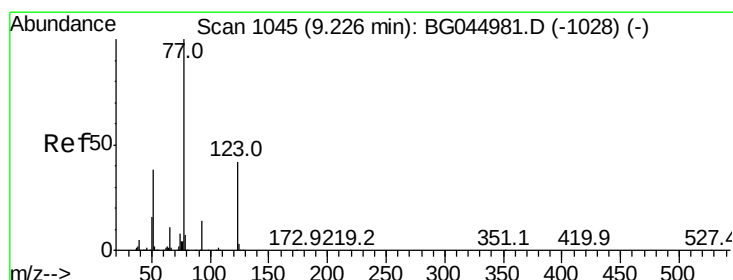
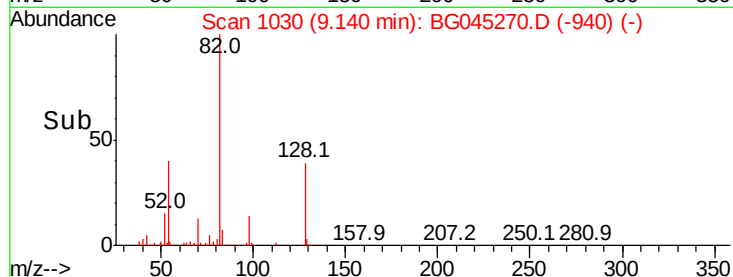
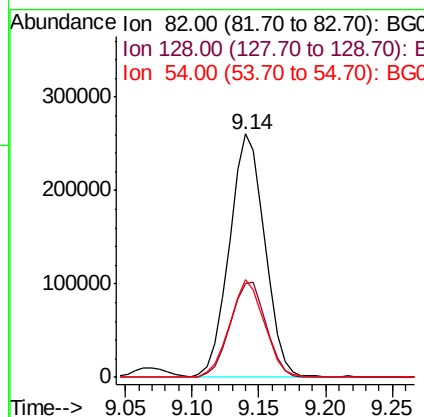
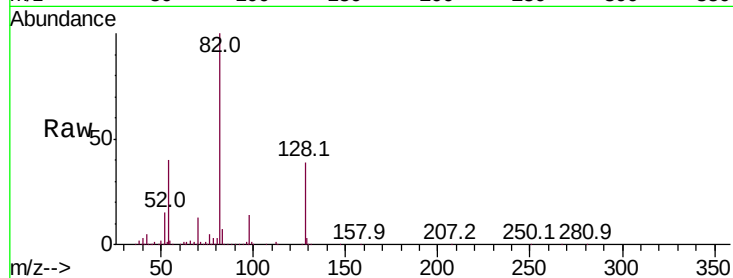




#23  
 Nitrobenzene-d5  
 Concen: 87.147 ng  
 RT: 9.14 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

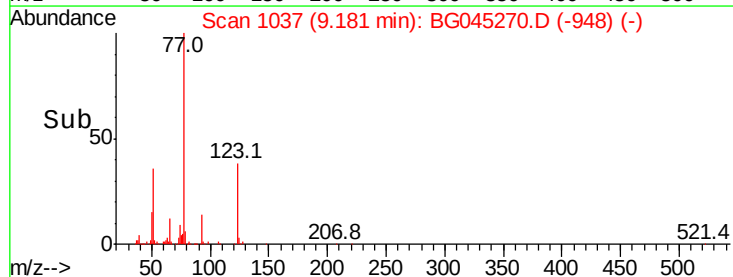
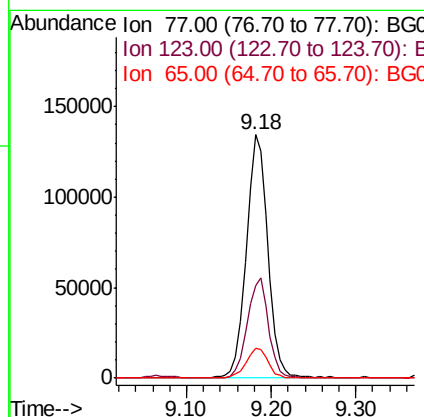
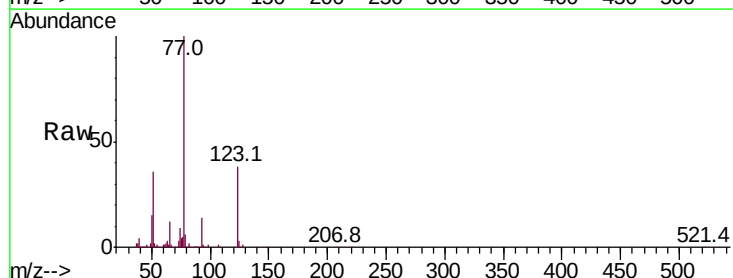
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMS

Tot Ion: 82 Resp: 480570  
 Ion Ratio Lower Upper  
 82 100  
 128 38.7 33.0 49.4  
 54 40.2 30.4 45.6

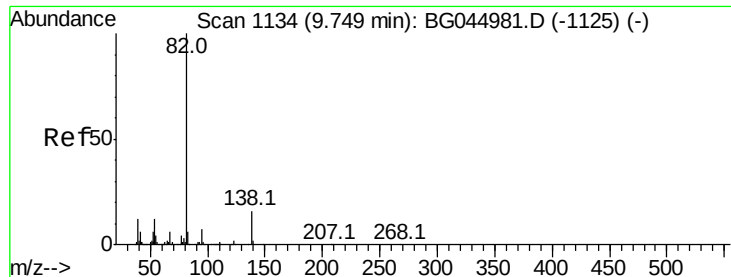


#24  
 Nitrobenzene  
 Concen: 42.139 ng  
 RT: 9.18 min Scan# 1037  
 Delta R.T. -0.01 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

Tgt Ion: 77 Resp: 238193  
 Ion Ratio Lower Upper  
 77 100  
 123 38.2 34.3 51.5  
 65 12.5 8.9 13.3







#25

Isophorone

Concen: 40.517 ng

RT: 9.71 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

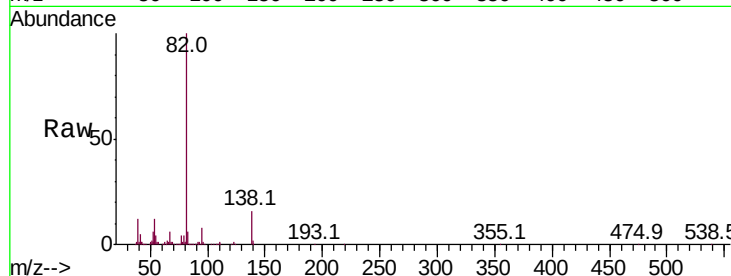
Tot Ion: 82 Resp: 457554

Ion Ratio Lower Upper

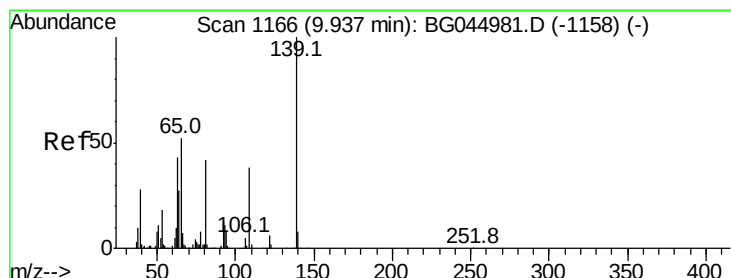
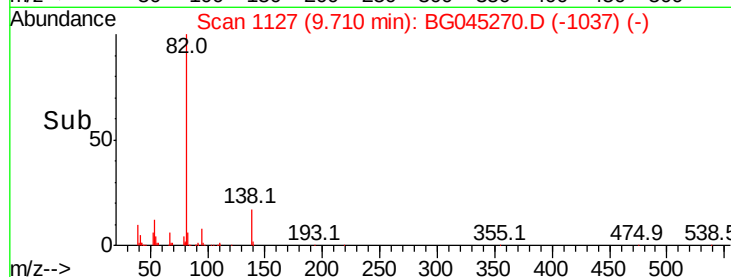
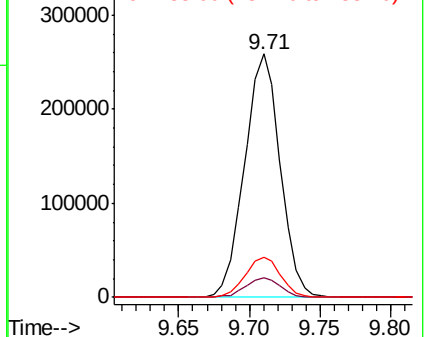
82 100

95 7.9 6.0 9.0

138 16.4 12.7 19.1



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



#26

2-Nitrophenol

Concen: 45.020 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

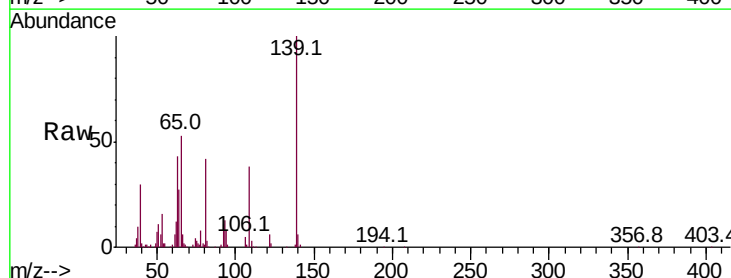
Tgt Ion: 139 Resp: 109617

Ion Ratio Lower Upper

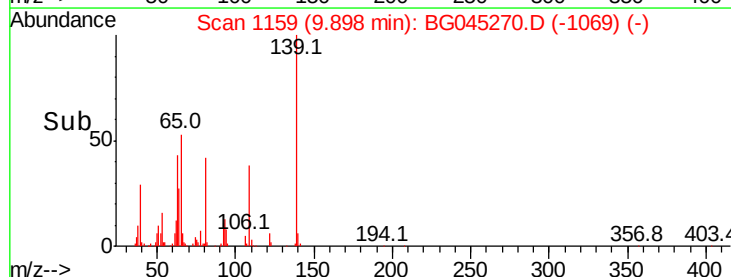
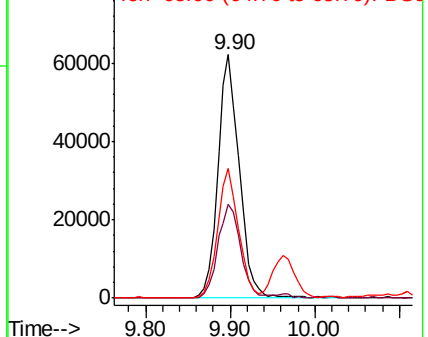
139 100

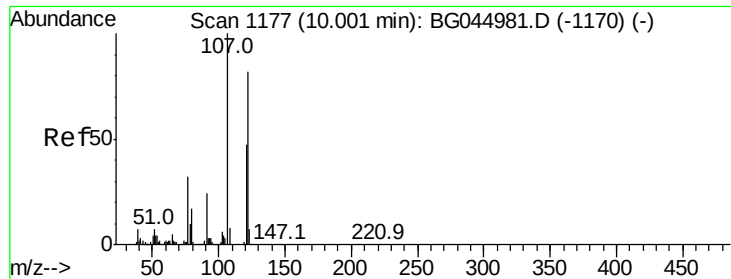
109 38.3 30.6 45.8

65 53.2 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

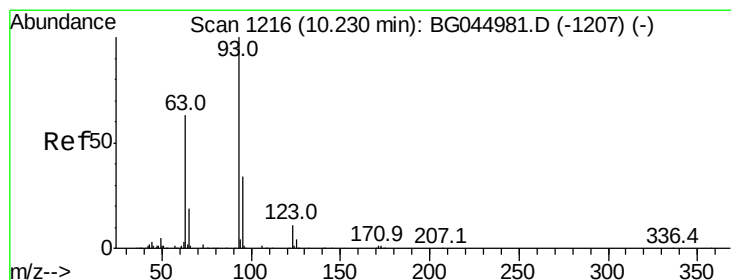
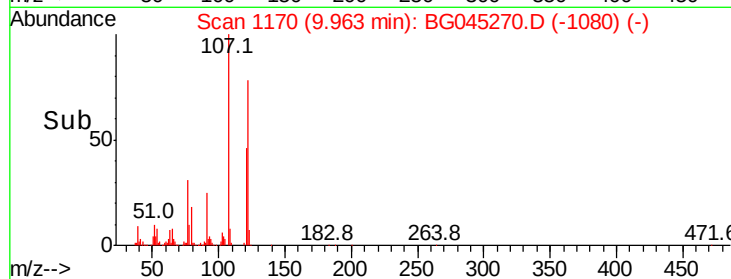
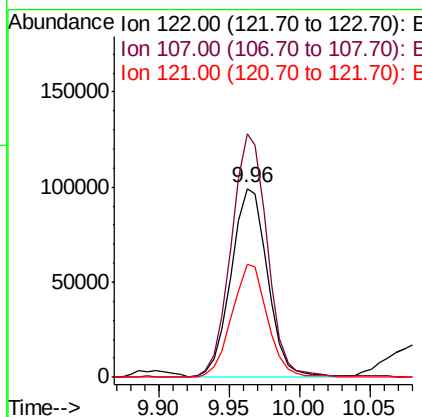
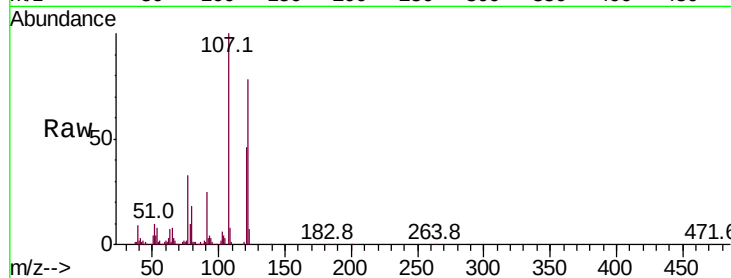




#27  
2,4-Dimethylphenol  
Concen: 45.918 ng  
RT: 9.96 min Scan# 1170  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

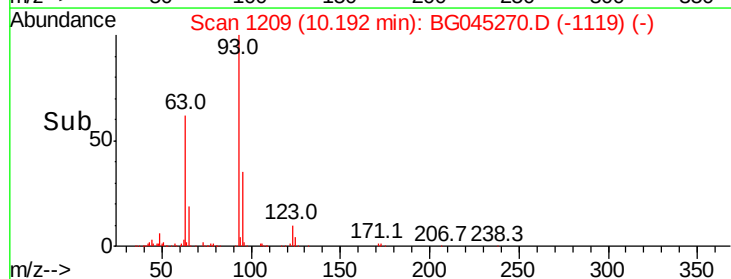
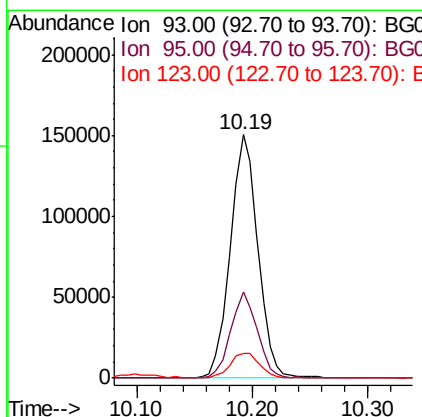
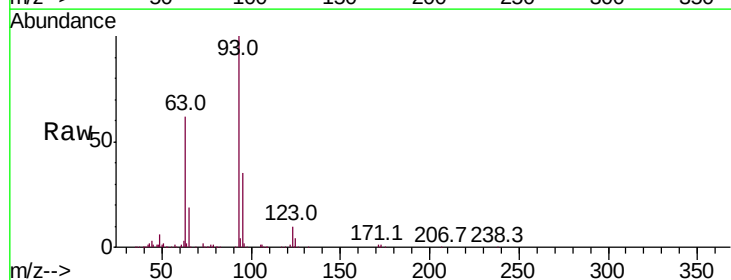
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

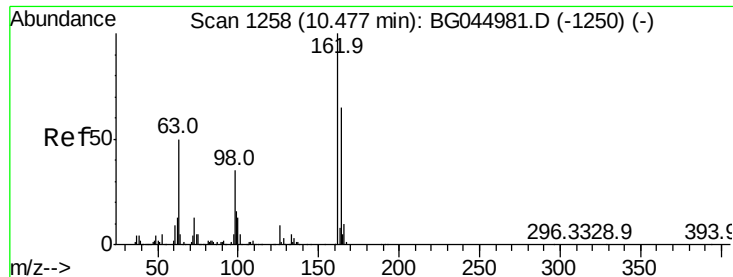
Tot Ion:122 Resp: 177400  
Ion Ratio Lower Upper  
122 100  
107 128.7 96.8 145.2  
121 59.6 45.6 68.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.976 ng  
RT: 10.19 min Scan# 1209  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

Tgt Ion: 93 Resp: 249061  
Ion Ratio Lower Upper  
93 100  
95 35.5 27.0 40.4  
123 10.3 8.7 13.1

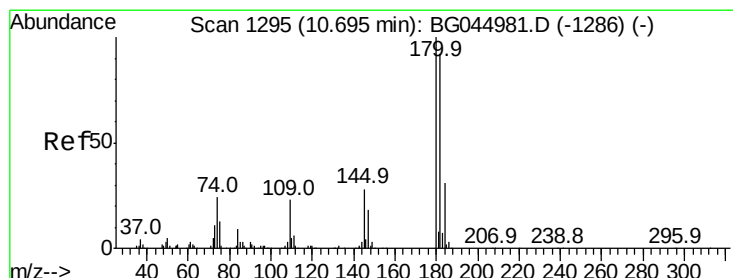
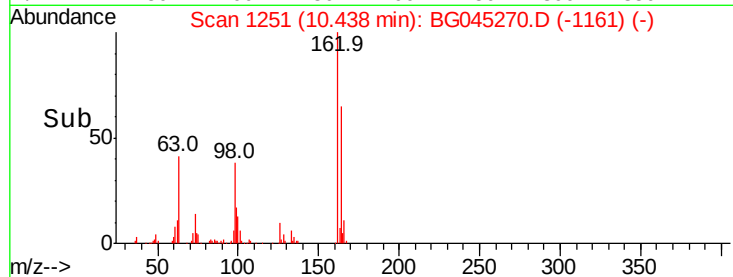
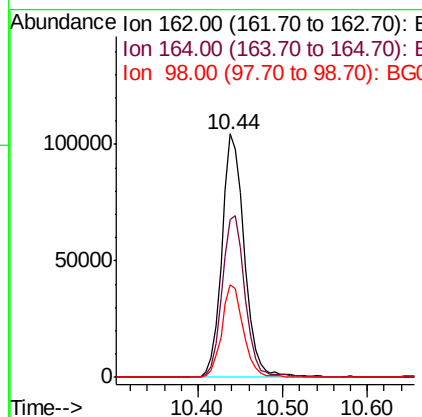
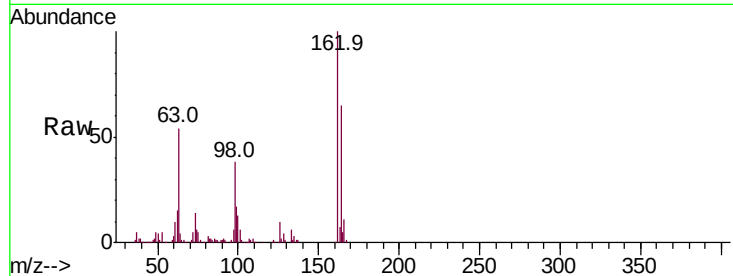




#29  
 2,4-Dichlorophenol  
 Concen: 43.419 ng  
 RT: 10.44 min Scan# 1251  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

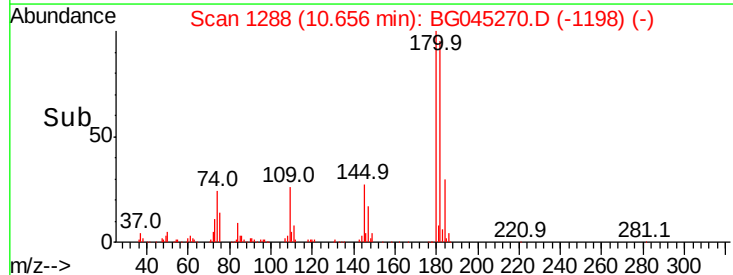
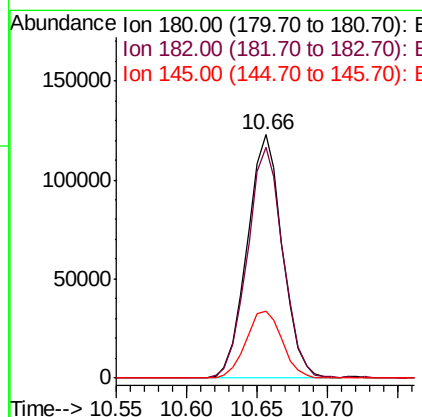
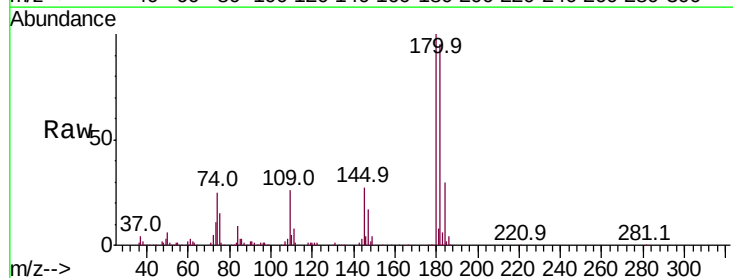
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMS

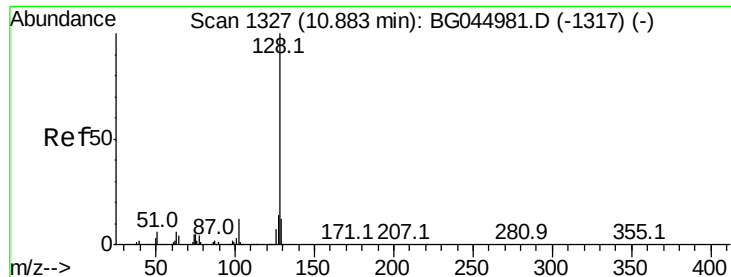
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 162   | Resp: | 193690 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 64.9  | 45.0  | 85.0   |
| 98       | 38.1  | 15.2  | 55.2   |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.474 ng  
 RT: 10.66 min Scan# 1288  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 214526 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 94.7  | 73.3  | 109.9  |
| 145      | 27.3  | 22.6  | 33.8   |

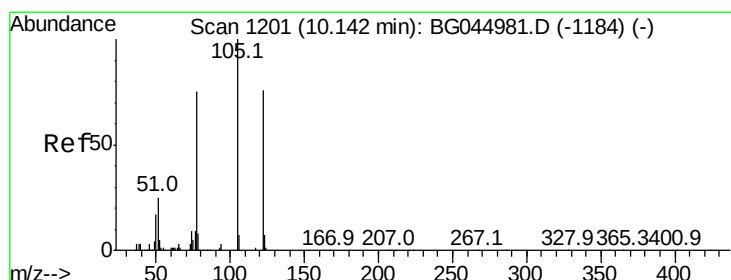
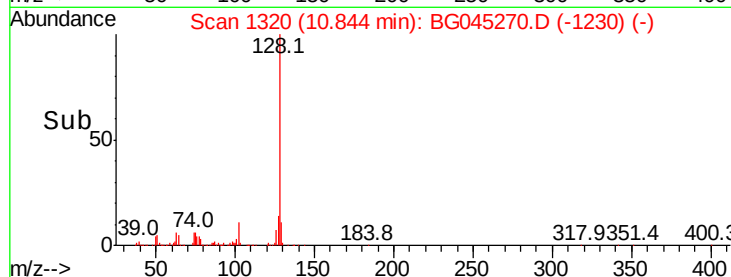
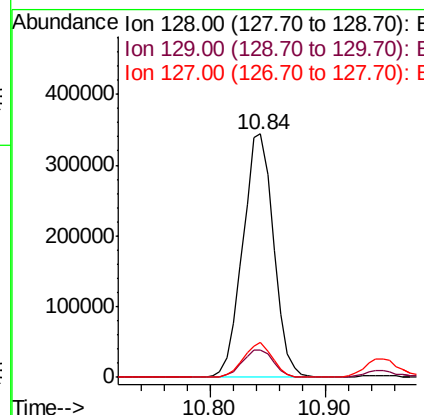
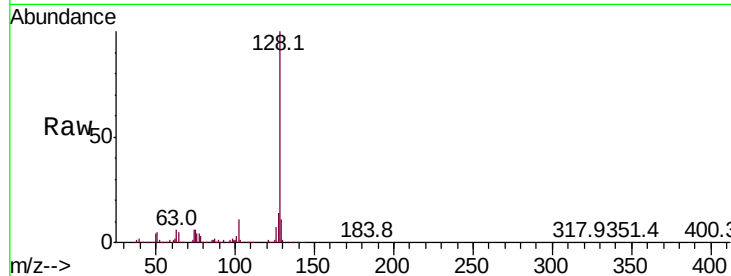




#31  
Naphthalene  
Concen: 46.373 ng  
RT: 10.84 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

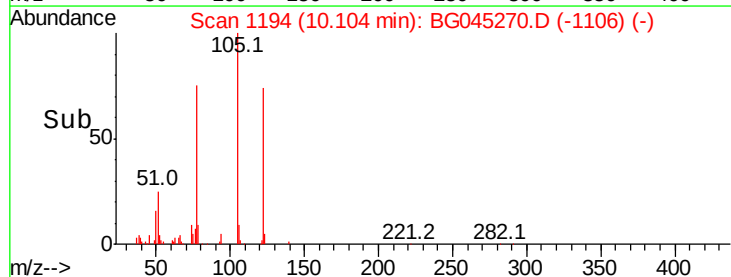
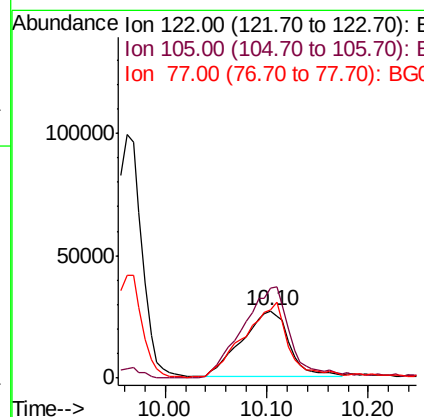
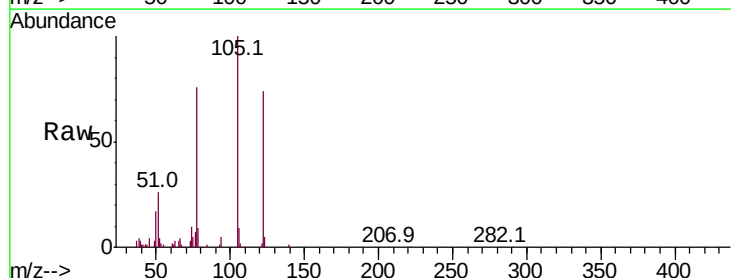
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

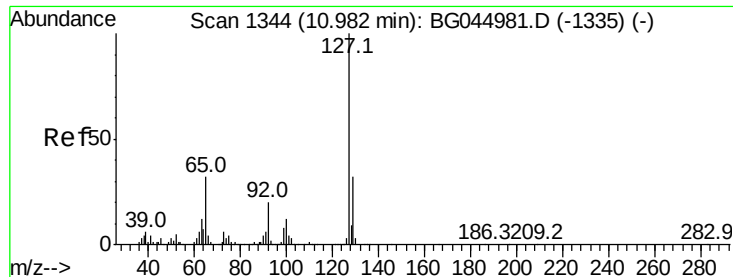
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 9.4   | 14.2  |
| 127     | 14.3  | 10.8  | 16.2  |



#32  
Benzoic acid  
Concen: 30.327 ng  
RT: 10.10 min Scan# 1194  
Delta R.T. -0.01 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 135.1 | 108.4 | 148.4 |
| 77      | 102.4 | 78.8  | 118.8 |

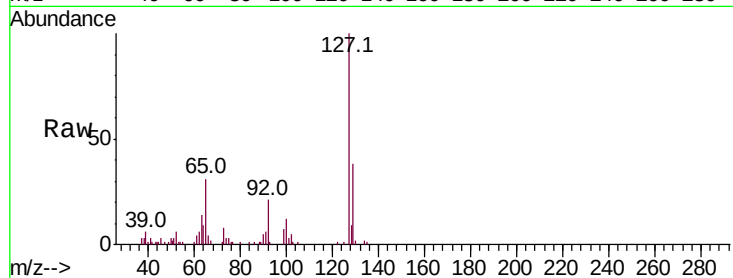




#33  
4-Chloroaniline  
Concen: 8.901 ng  
RT: 10.94 min Scan# 1337  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 57137 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 38.1  | 25.7  | 38.5  |
| 65       | 31.3  | 25.4  | 38.2  |
| 92       | 21.2  | 16.1  | 24.1  |



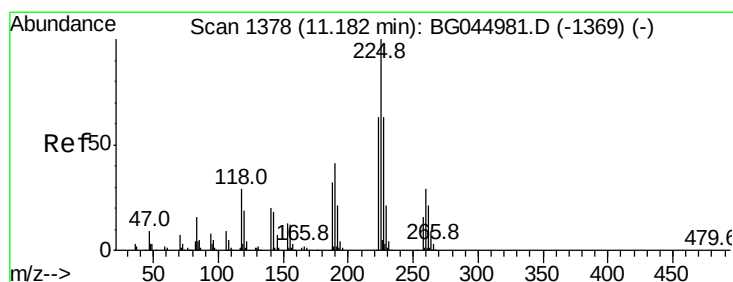
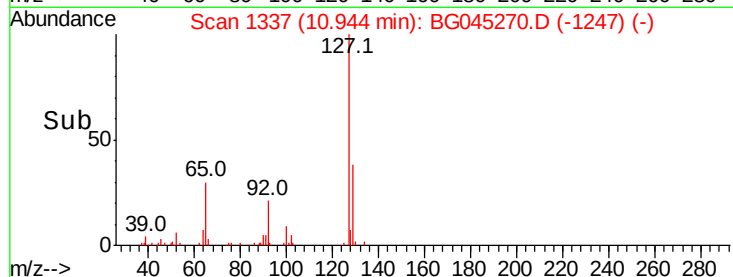
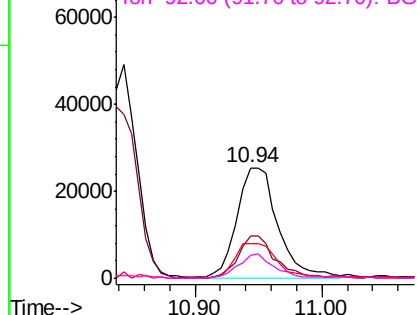
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

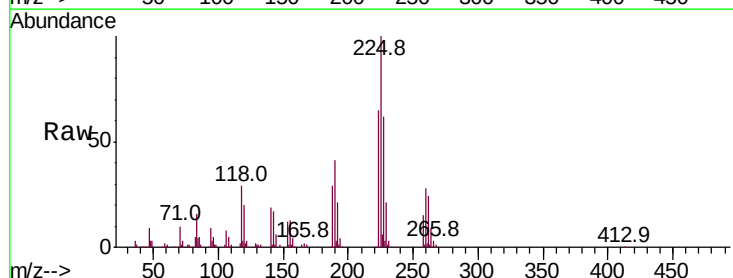
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 41.687 ng  
RT: 11.14 min Scan# 1370  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 144358 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.9  | 50.7  | 76.1   |
| 227      | 61.8  | 50.2  | 75.2   |

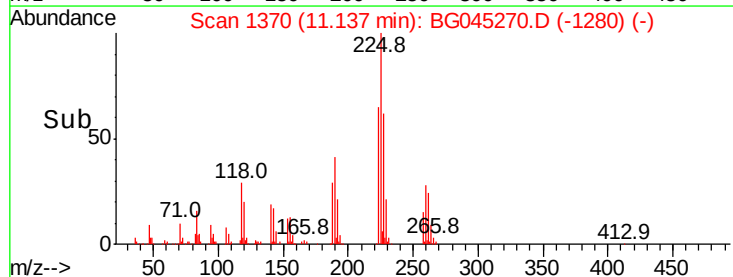
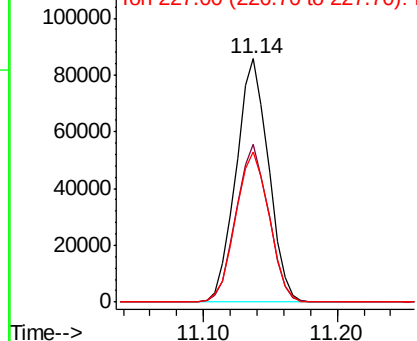


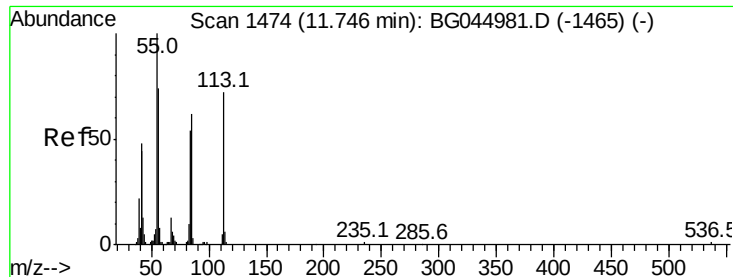
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

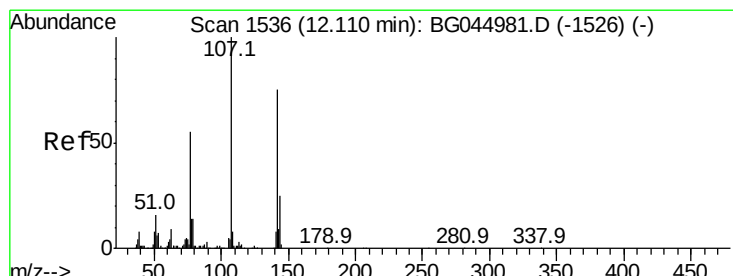
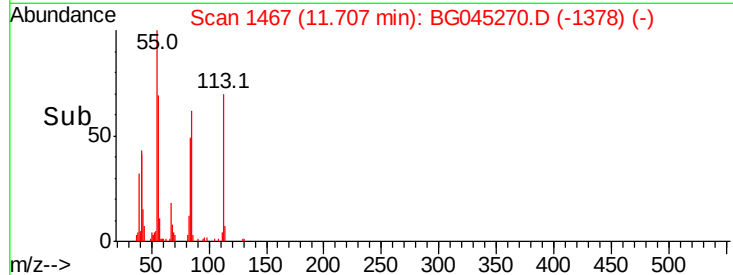
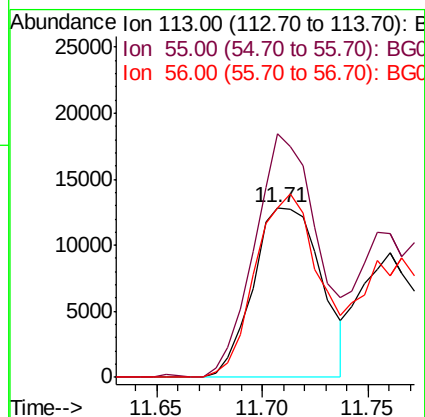
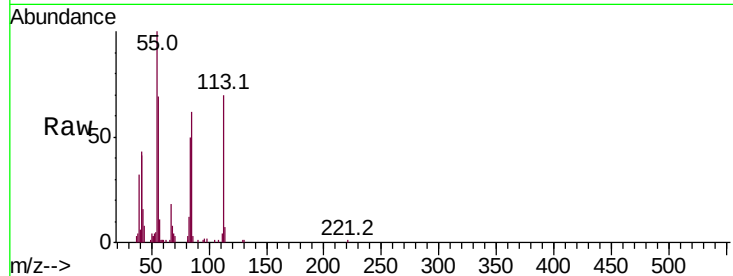




#35  
 Caprolactam  
 Concen: 16.181 ng  
 RT: 11.71 min Scan# 1467  
 Delta R.T. -0.01 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

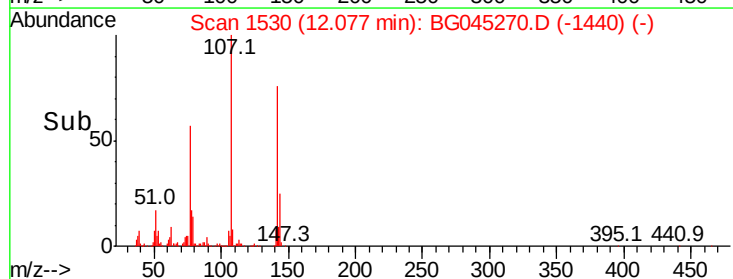
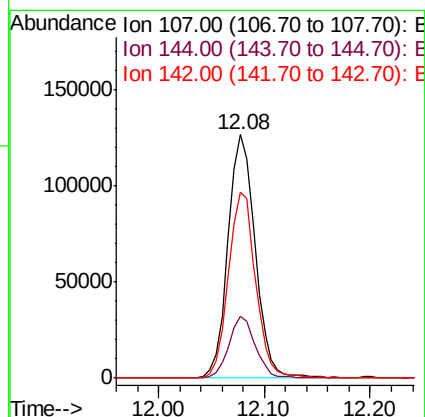
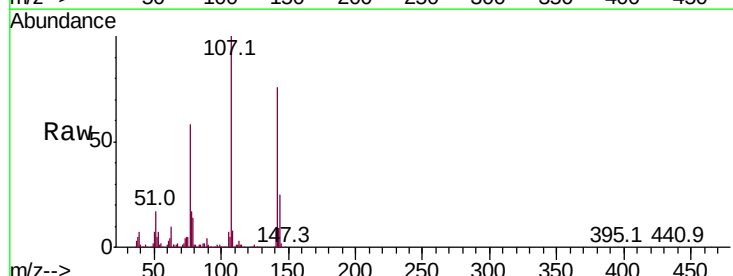
Instrument :  
 BNA\_G  
 ClientSampleID :  
 TP-18AMS

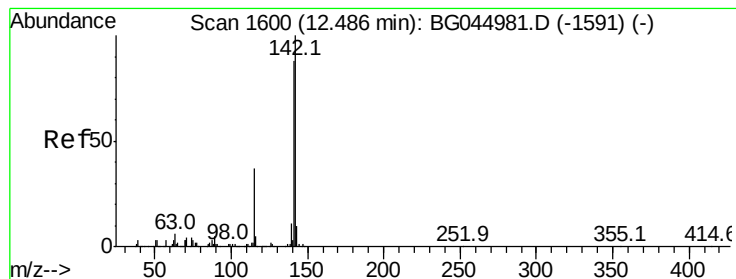
Tot Ion:113 Resp: 28728  
 Ion Ratio Lower Upper  
 113 100  
 55 143.4 118.8 158.8  
 56 99.6 82.6 122.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.973 ng  
 RT: 12.08 min Scan# 1530  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

Tgt Ion:107 Resp: 225202  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 19.8 29.6  
 142 76.3 59.7 89.5





#37

2-Methylnaphthalene

Concen: 42.152 ng

RT: 12.45 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

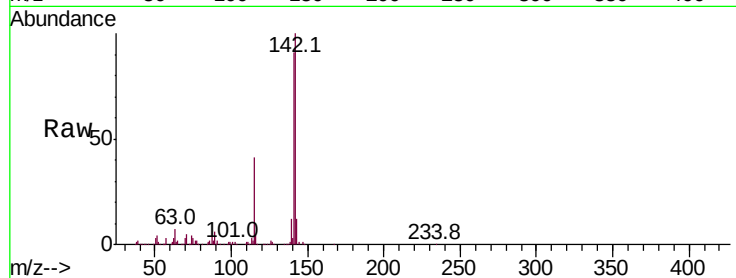
Tot Ion:142 Resp: 450355

Ion Ratio Lower Upper

142 100

141 91.1 70.3 105.5

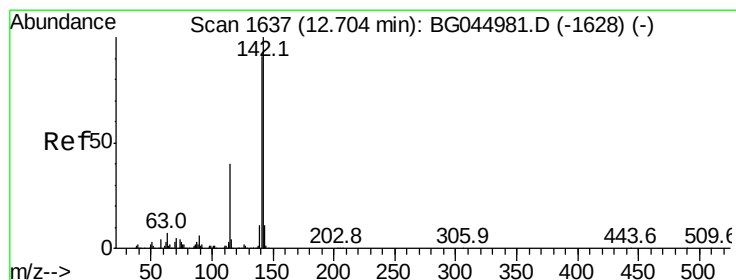
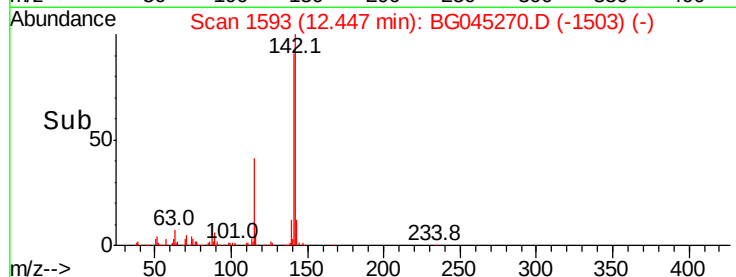
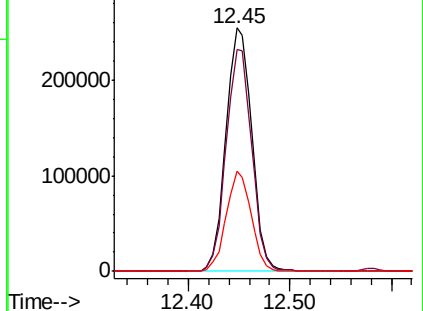
115 41.2 29.8 44.6



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: 43.208 ng

RT: 12.67 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

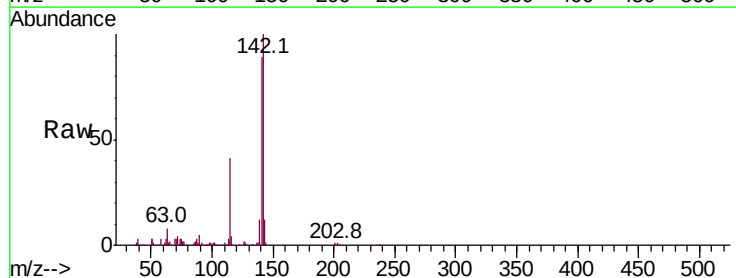
Tgt Ion:142 Resp: 435803

Ion Ratio Lower Upper

142 100

141 88.9 72.7 109.1

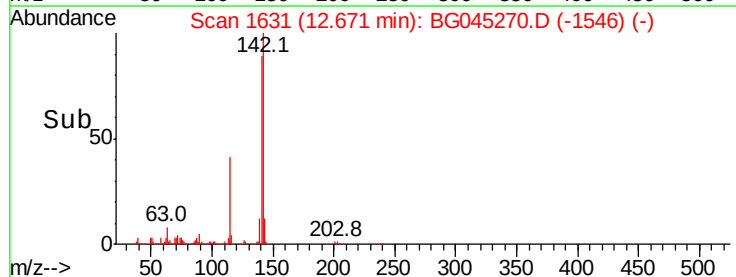
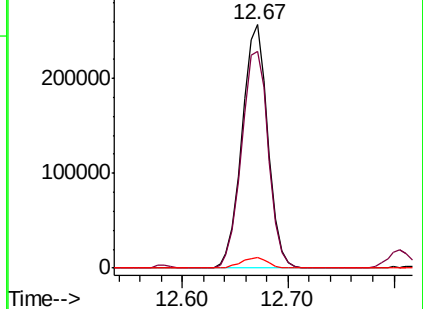
116 4.5 3.1 4.7

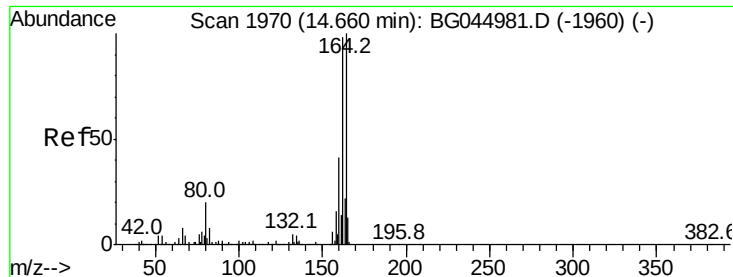


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

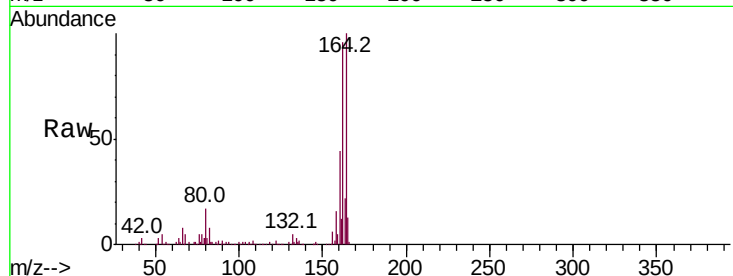
Tot Ion:164 Resp: 181797

Ion Ratio Lower Upper

164 100

162 96.4 78.7 118.1

160 43.9 32.8 49.2

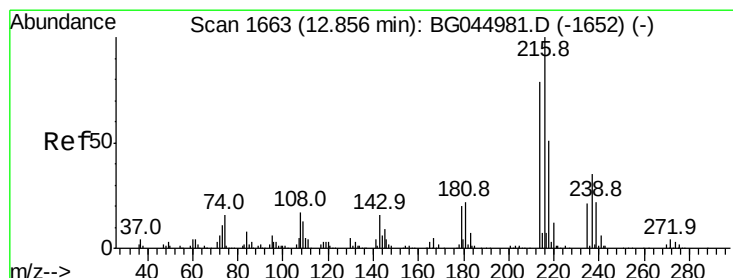
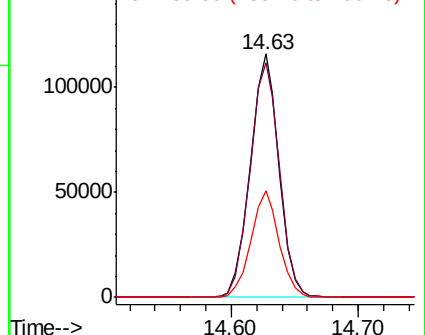
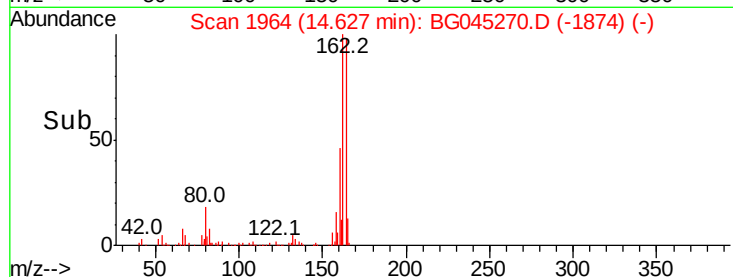


Abundance

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: 42.873 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:216 Resp: 250953

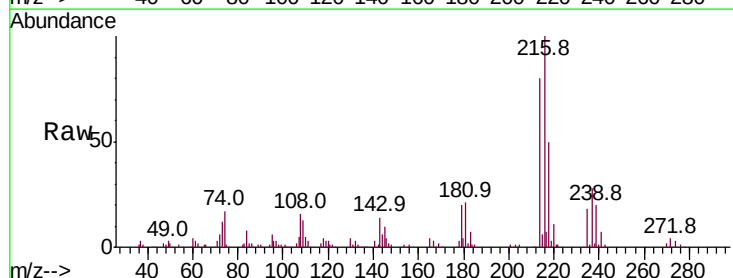
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.6

179 19.9 15.8 23.8

108 19.3 14.2 21.2



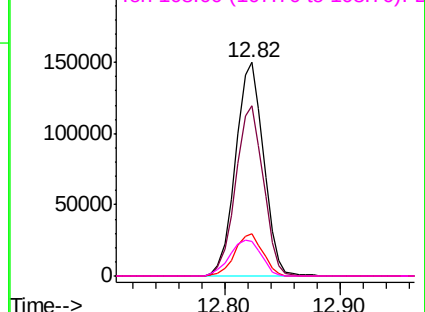
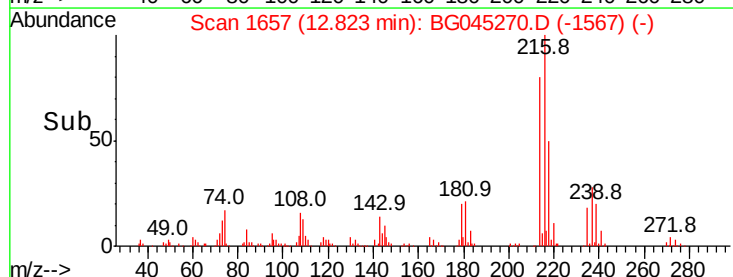
Abundance

Ion 216.00 (215.70 to 216.70): E

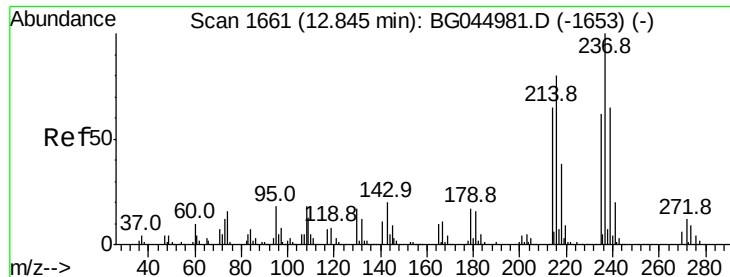
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



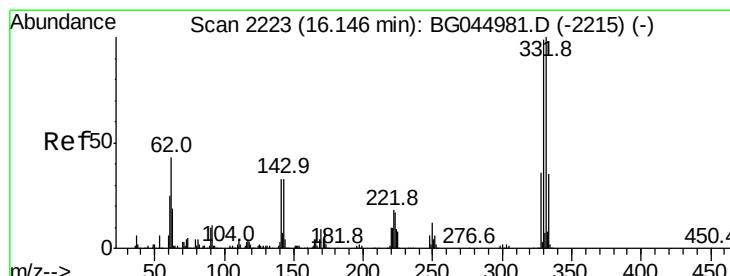
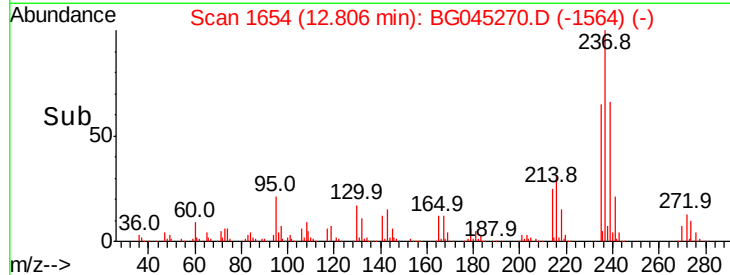
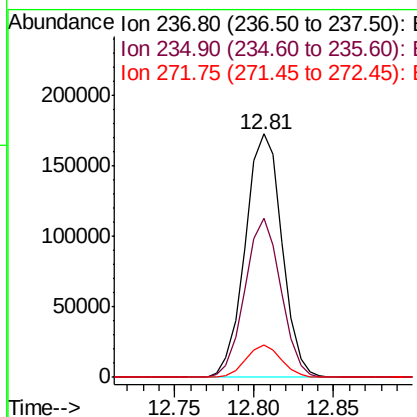
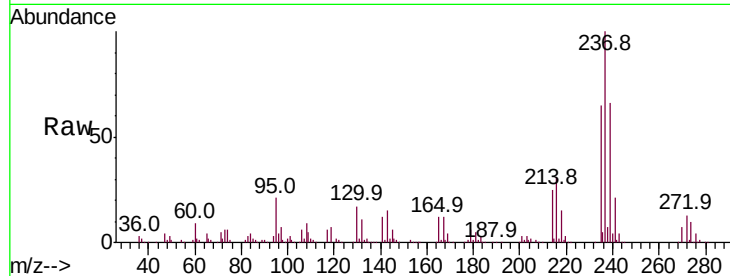




#41  
 Hexachlorocyclopentadiene  
 Concen: 76.127 ng  
 RT: 12.81 min Scan# 1654  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

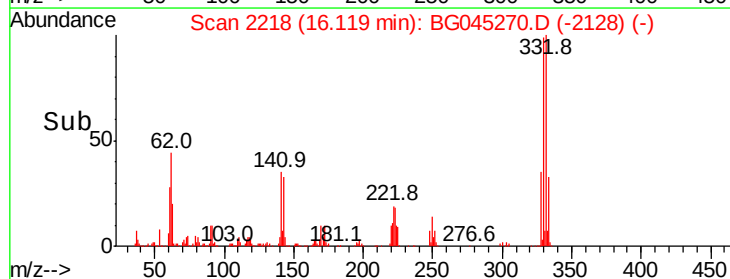
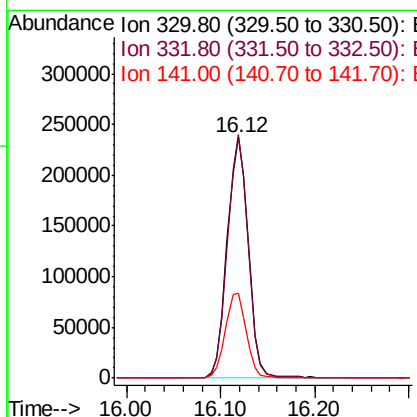
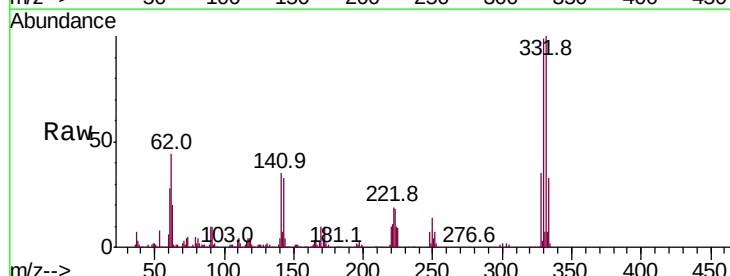
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMS

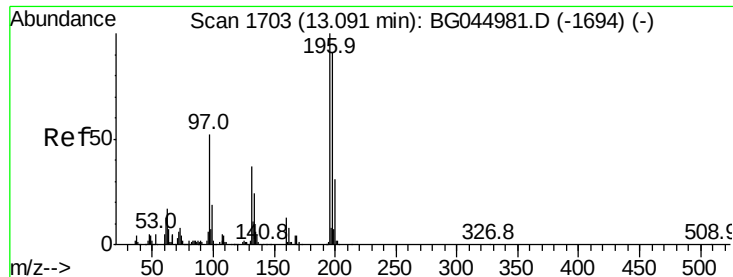
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 278507 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 65.4  | 41.6  | 81.6   |
| 272       | 13.3  | 0.0   | 32.1   |



#42  
 2,4,6-Tribromophenol  
 Concen: 131.998 ng  
 RT: 16.12 min Scan# 2218  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 370721 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 98.9  | 79.1  | 118.7  |
| 141       | 35.3  | 27.1  | 40.7   |

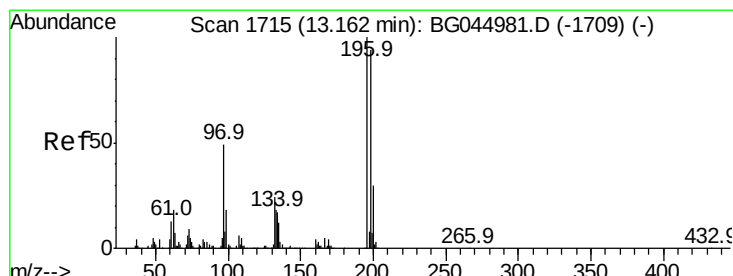
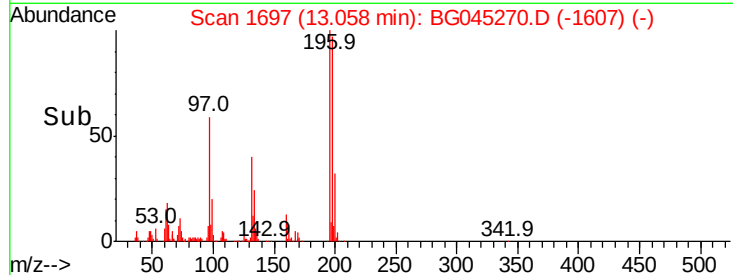
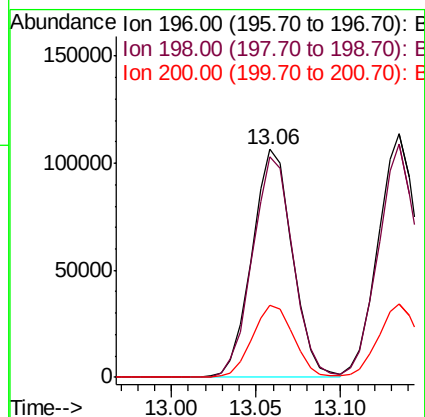
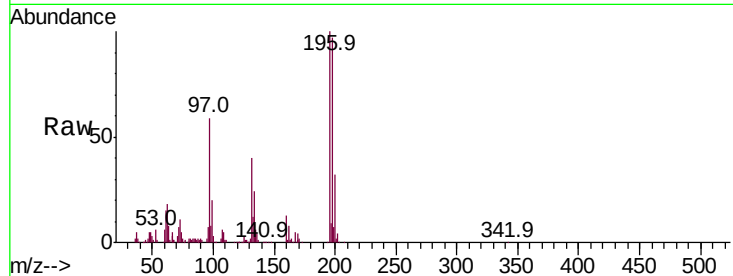




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.804 ng  
 RT: 13.06 min Scan# 1697  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

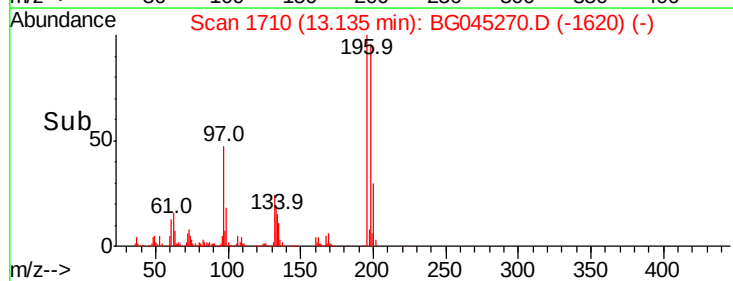
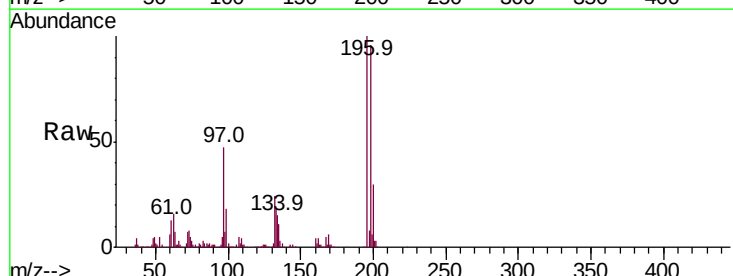
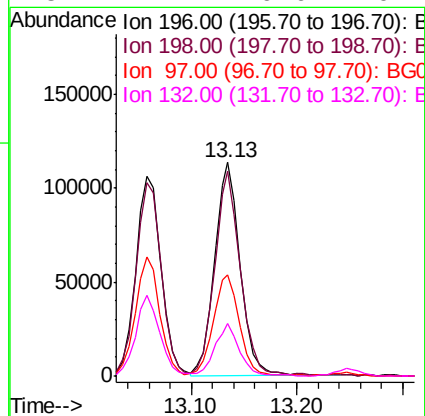
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMS

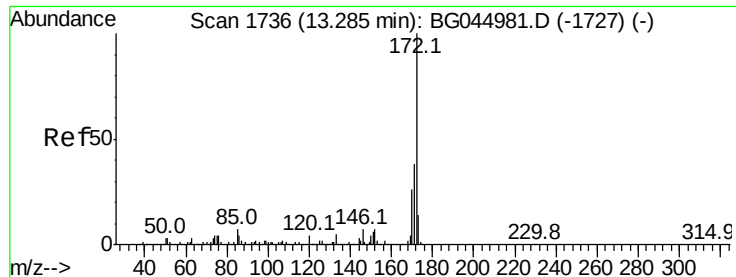
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.0  | 72.5  | 108.7 |
| 200     | 31.7  | 24.5  | 36.7  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.851 ng  
 RT: 13.13 min Scan# 1710  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.9  | 75.7  | 113.5 |
| 97      | 47.4  | 39.6  | 59.4  |
| 132     | 24.4  | 19.6  | 29.4  |

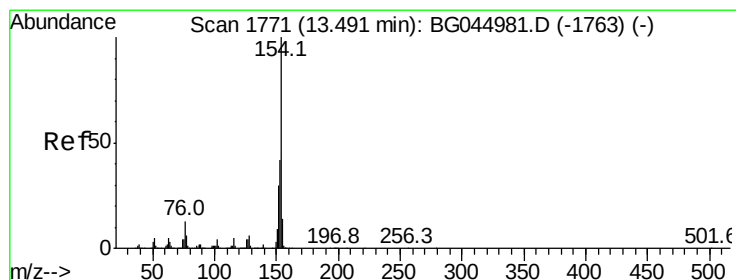
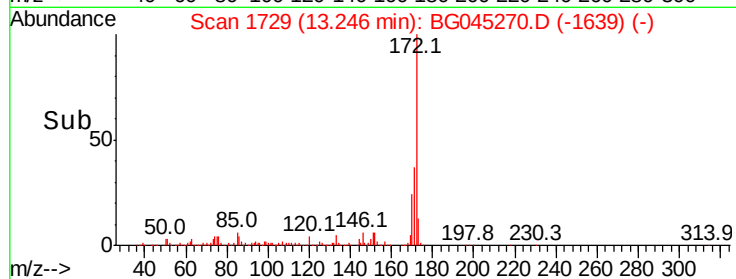
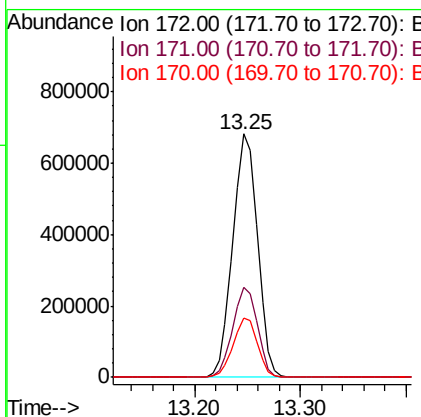
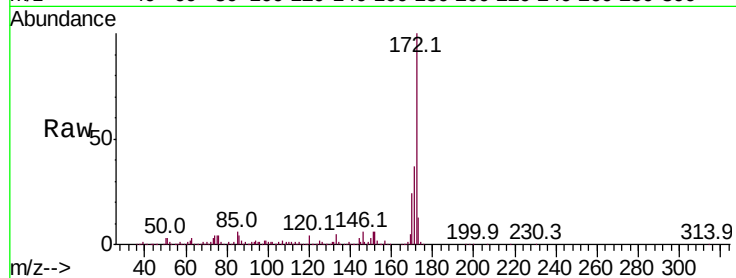




#45  
2-Fluorobiphenyl  
Concen: 88.826 ng  
RT: 13.25 min Scan# 1729  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

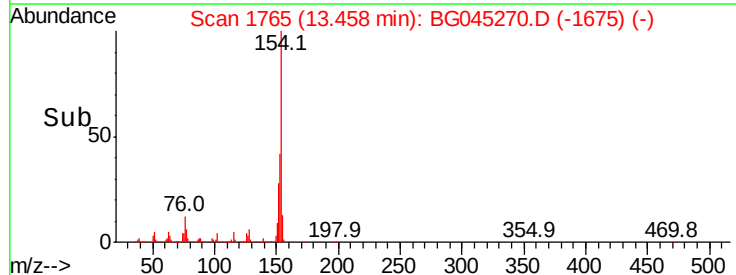
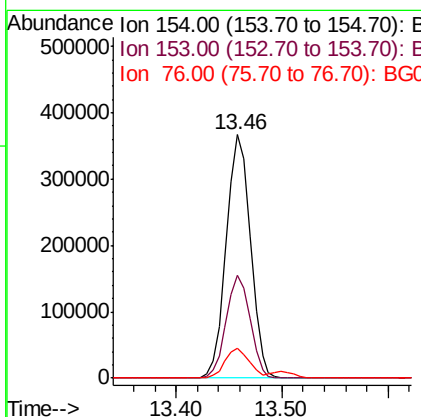
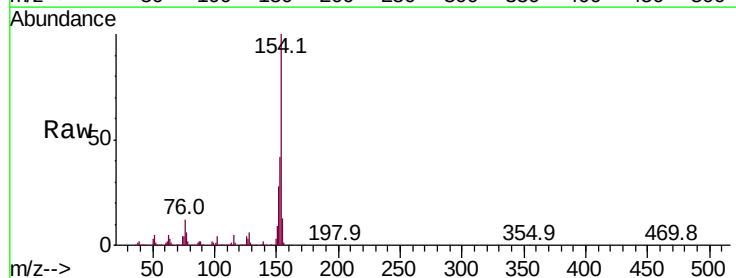
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

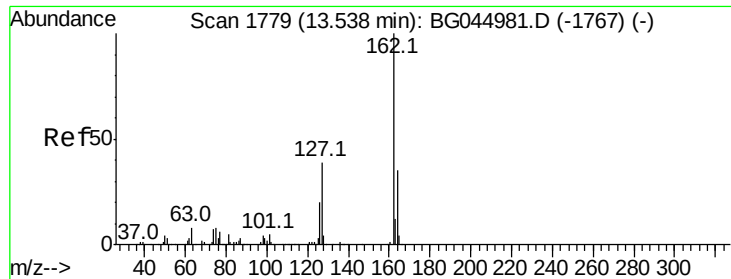
Tot Ion:172 Resp: 1101287  
Ion Ratio Lower Upper  
172 100  
171 37.1 30.6 46.0  
170 24.1 20.5 30.7



#46  
1,1'-Biphenyl  
Concen: 42.034 ng  
RT: 13.46 min Scan# 1765  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

Tgt Ion:154 Resp: 580821  
Ion Ratio Lower Upper  
154 100  
153 42.3 21.9 61.9  
76 12.2 0.0 33.1

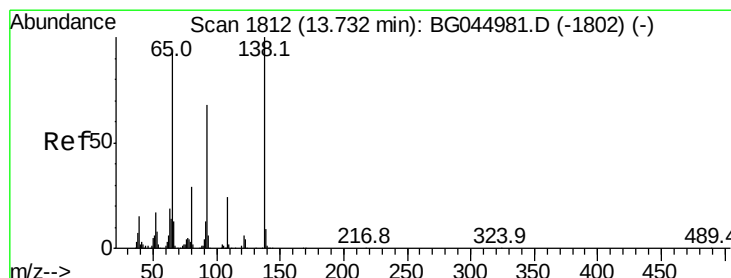
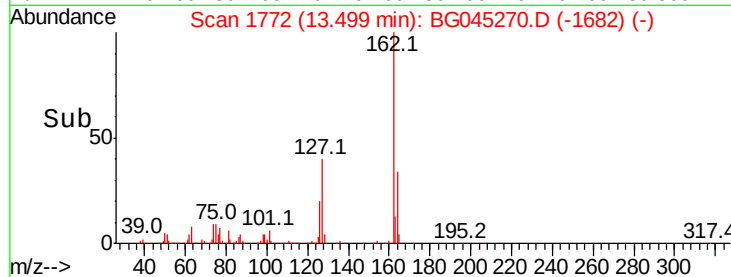
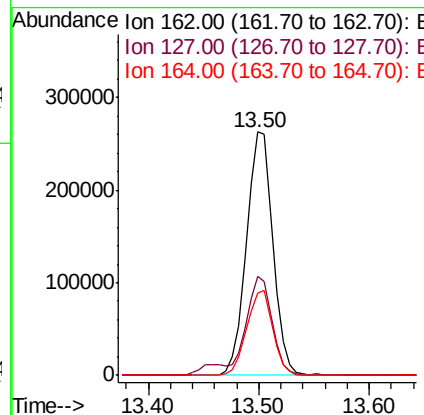
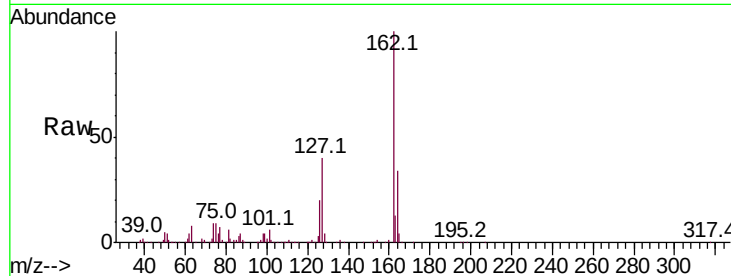




#47  
 2-Chloronaphthalene  
 Concen: 41.938 ng  
 RT: 13.50 min Scan# 1772  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

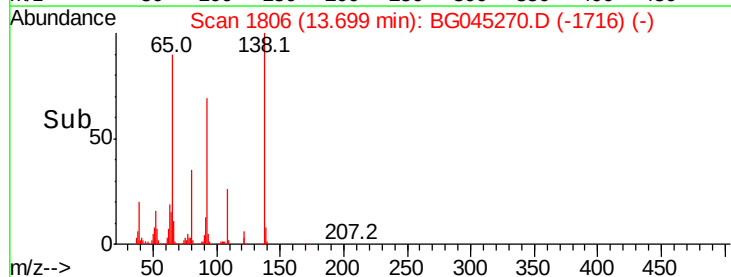
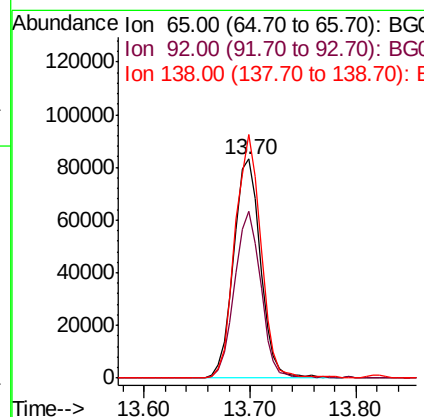
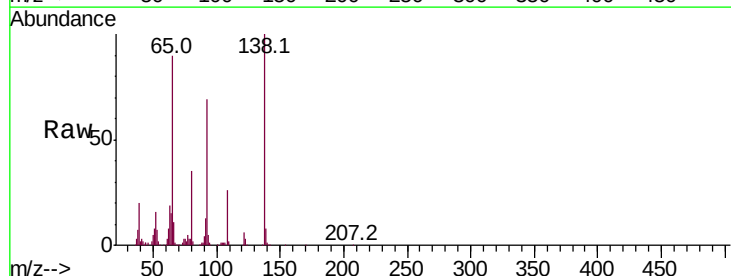
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMS

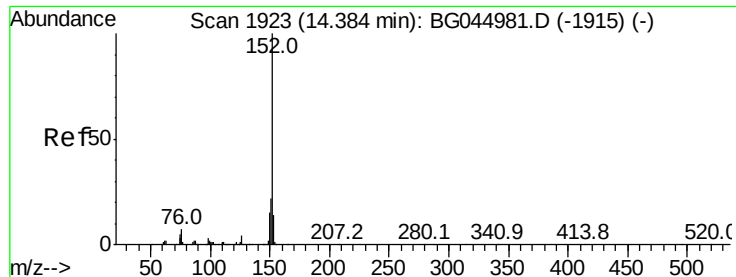
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.5  | 31.3  | 46.9  |
| 164     | 34.0  | 27.8  | 41.8  |



#48  
 2-Nitroaniline  
 Concen: 42.220 ng  
 RT: 13.70 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 76.4  | 58.3  | 87.5  |
| 138     | 111.1 | 85.6  | 128.4 |





#49

Acenaphthylene

Concen: 43.237 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

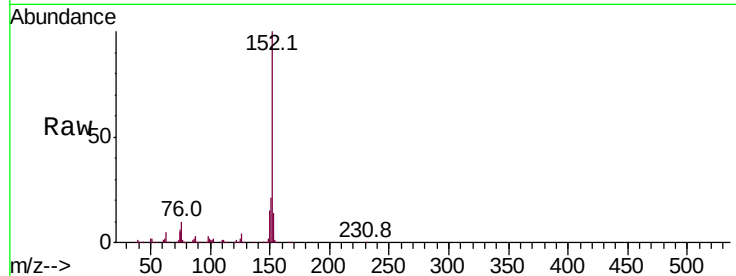
Tot Ion:152 Resp: 743582

Ion Ratio Lower Upper

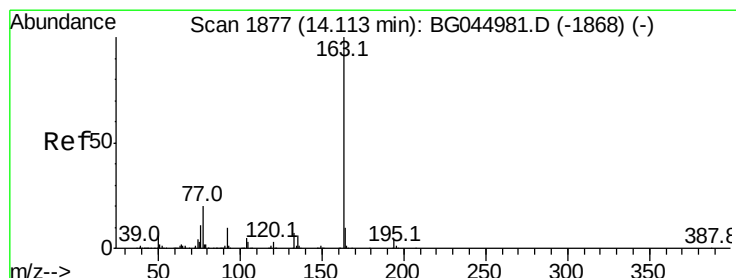
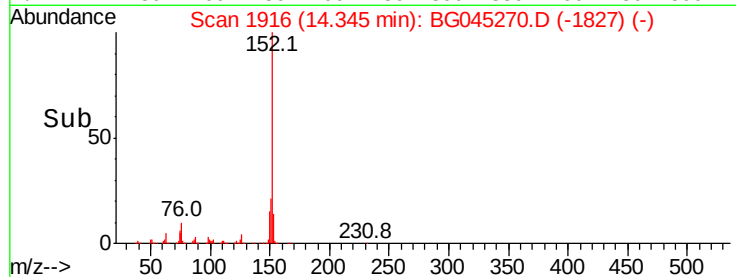
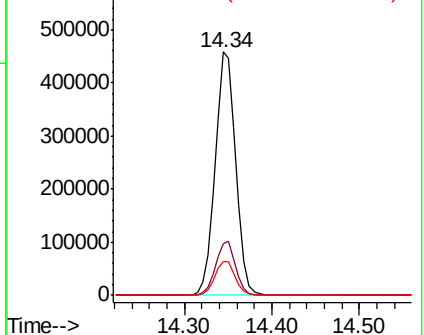
152 100

151 21.1 17.2 25.8

153 13.7 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: 46.938 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

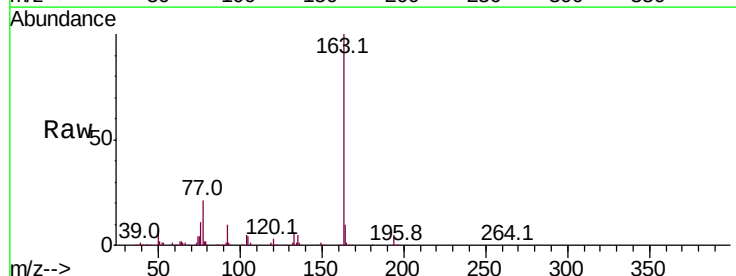
Tgt Ion:163 Resp: 694817

Ion Ratio Lower Upper

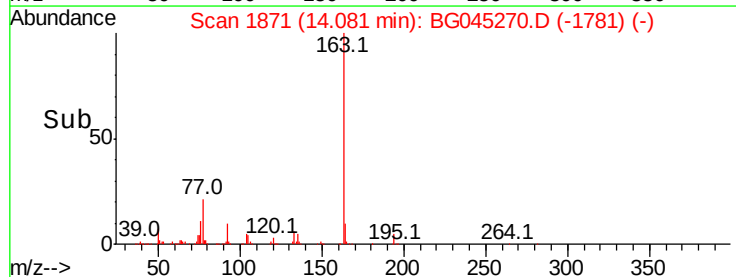
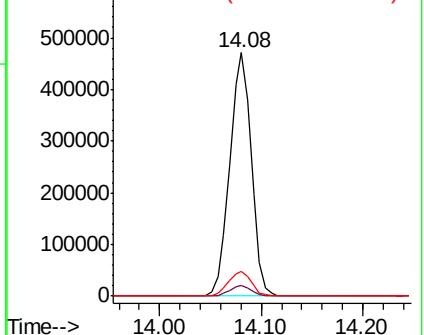
163 100

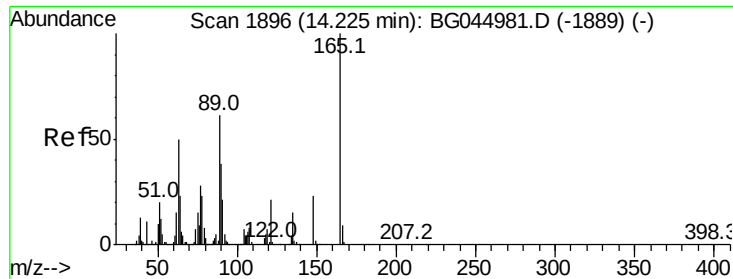
194 4.6 3.5 5.3

164 10.4 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

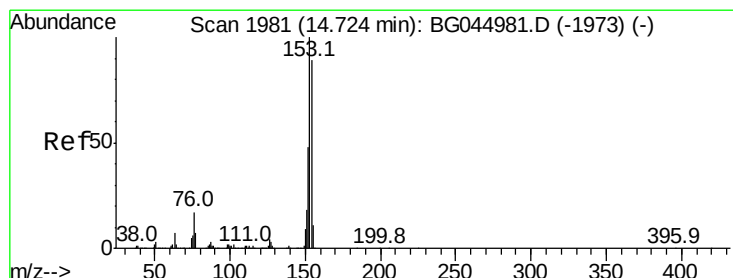
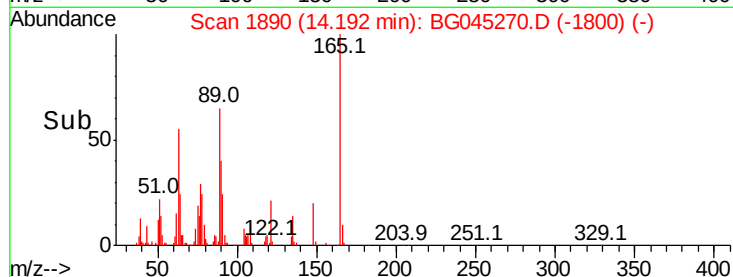
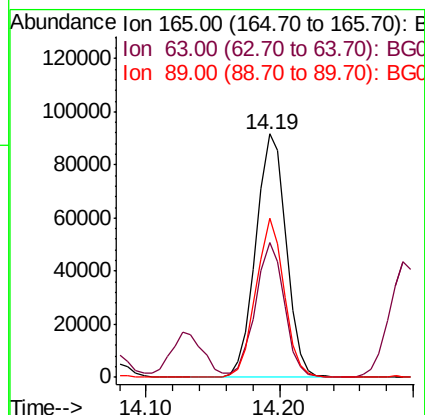
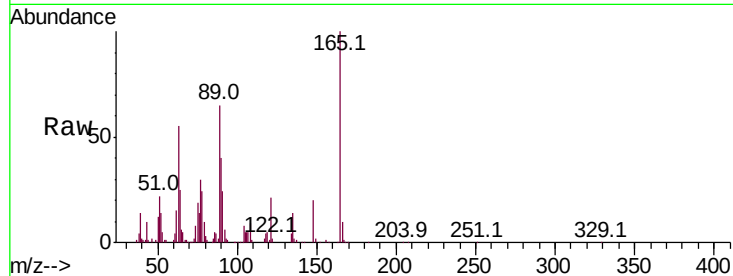




#51  
 2,6-Dinitrotoluene  
 Concen: 43.264 ng  
 RT: 14.19 min Scan# 1890  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

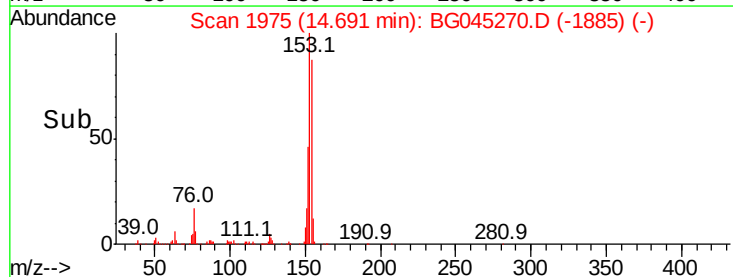
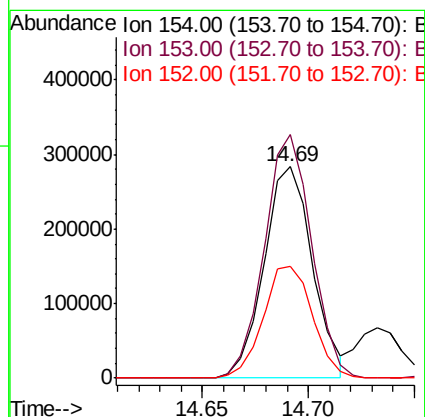
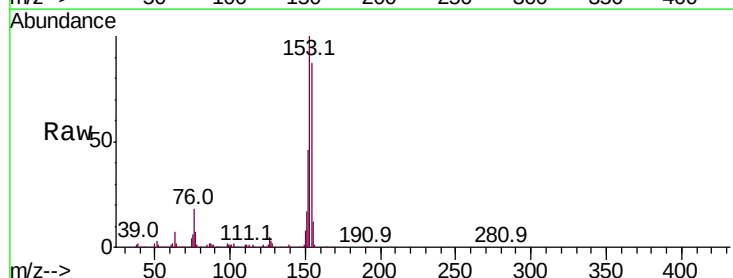
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMS

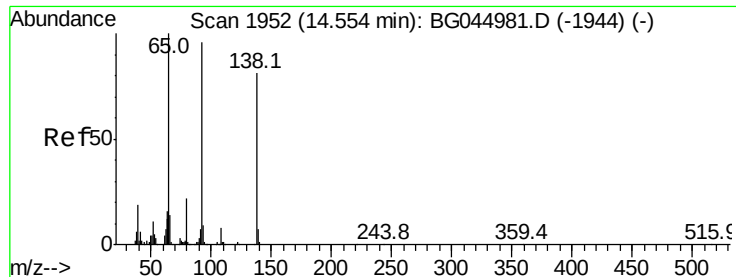
Tot Ion:165 Resp: 143245  
 Ion Ratio Lower Upper  
 165 100  
 63 55.5 40.4 60.6  
 89 65.2 49.1 73.7



#52  
 Acenaphthene  
 Concen: 38.846 ng  
 RT: 14.69 min Scan# 1975  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

Tgt Ion:154 Resp: 452014  
 Ion Ratio Lower Upper  
 154 100  
 153 115.2 89.7 134.5  
 152 53.1 43.1 64.7

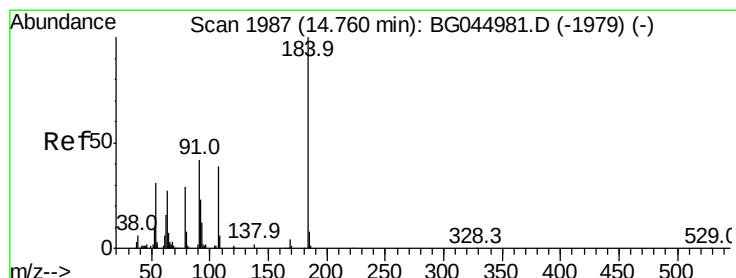
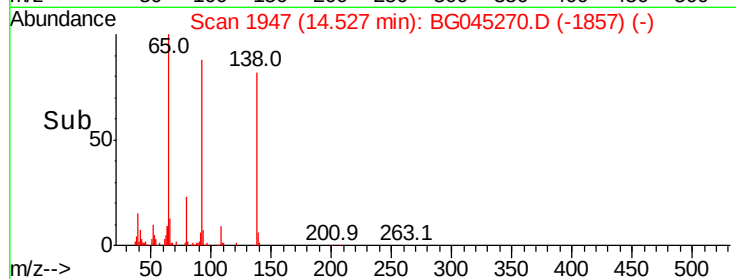
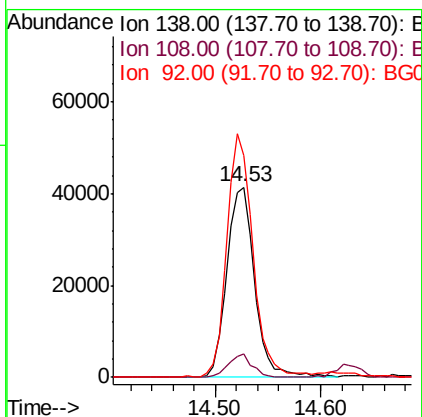
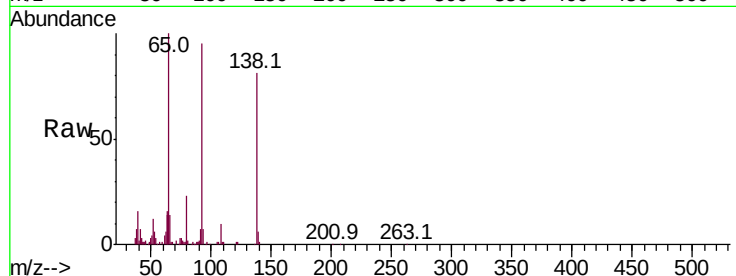




#53  
3-Nitroaniline  
Concen: 20.681 ng  
RT: 14.53 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

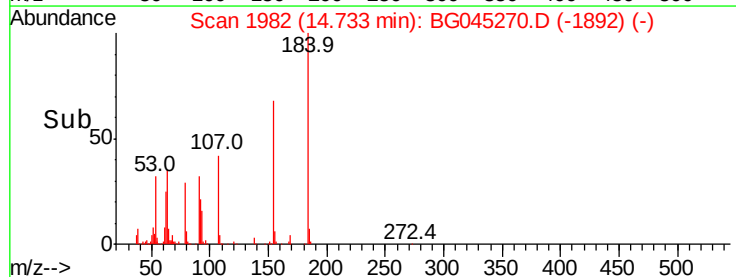
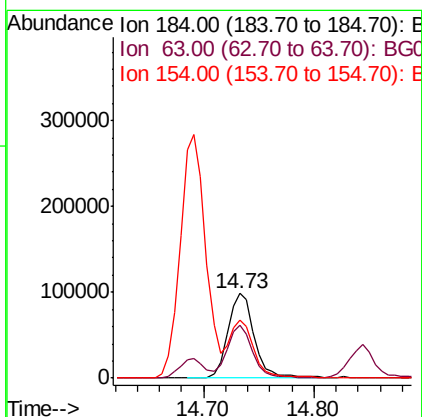
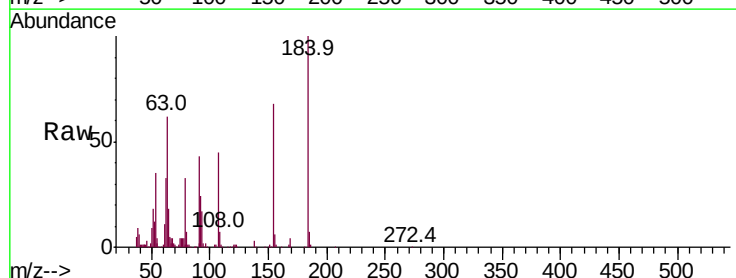
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

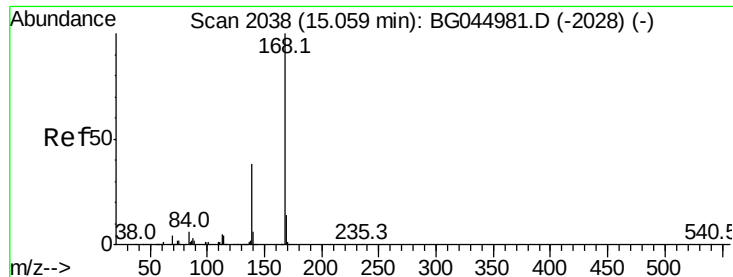
Tot Ion:138 Resp: 75099  
Ion Ratio Lower Upper  
138 100  
108 12.3 7.8 11.8#  
92 116.9 94.5 141.7



#54  
2,4-Dinitrophenol  
Concen: 84.541 ng  
RT: 14.73 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

Tgt Ion:184 Resp: 166443  
Ion Ratio Lower Upper  
184 100  
63 62.2 41.5 62.3  
154 68.2 52.3 78.5

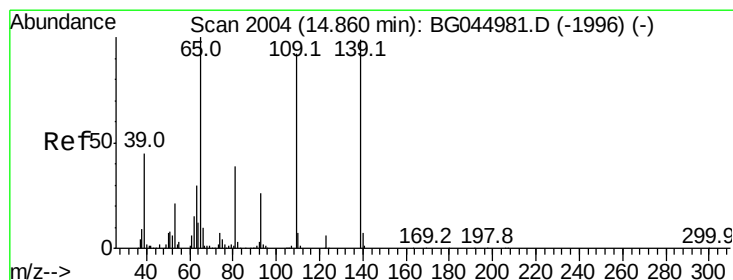
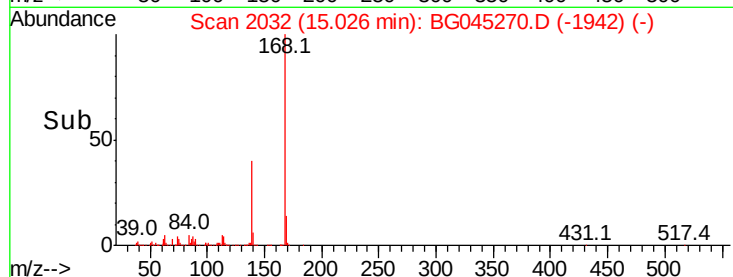
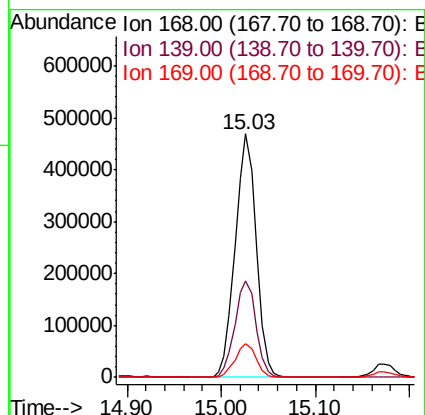
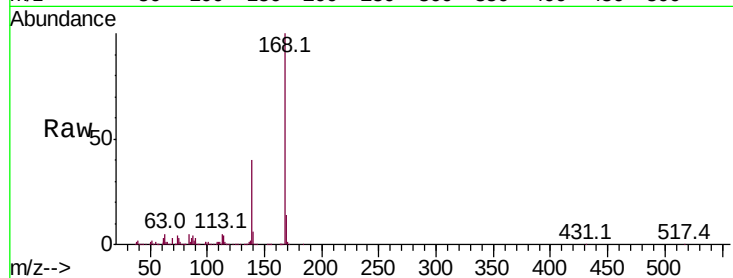




#55  
Dibenzofuran  
Concen: 42.868 ng  
RT: 15.03 min Scan# 2032  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

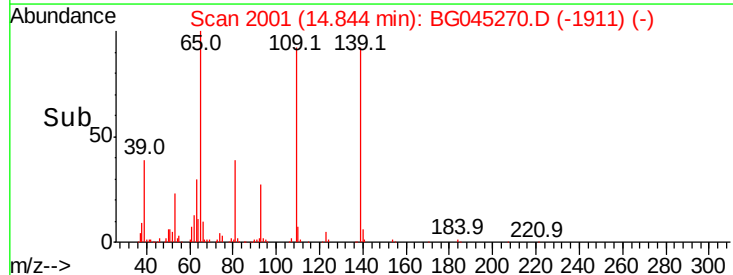
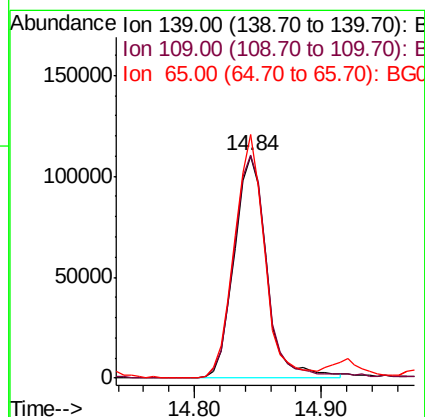
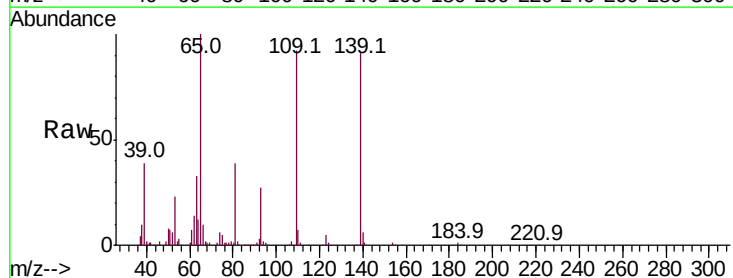
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.7  | 30.4  | 45.6  |
| 169     | 13.9  | 11.0  | 16.4  |

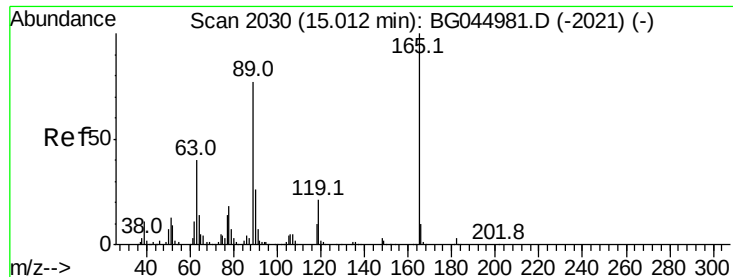


#56  
4-Nitrophenol  
Concen: 68.828 ng  
RT: 14.84 min Scan# 2001  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 100.3 | 73.6  | 113.6 |
| 65      | 109.6 | 81.2  | 121.2 |



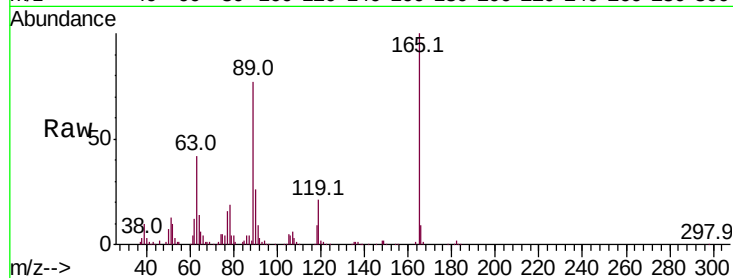




#57  
2,4-Dinitrotoluene  
Concen: 40.591 ng  
RT: 14.99 min Scan# 2025  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.9  | 32.2  | 48.2  |
| 89      | 77.1  | 61.7  | 92.5  |
| 182     | 2.4   | 2.0   | 3.0   |



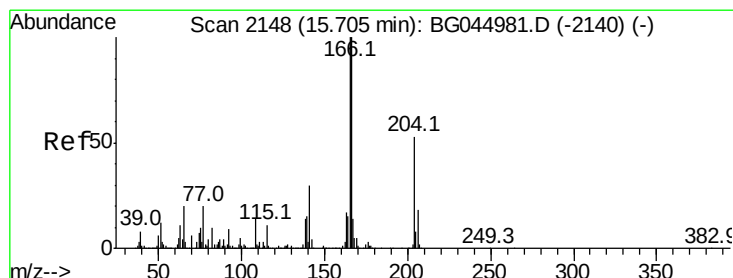
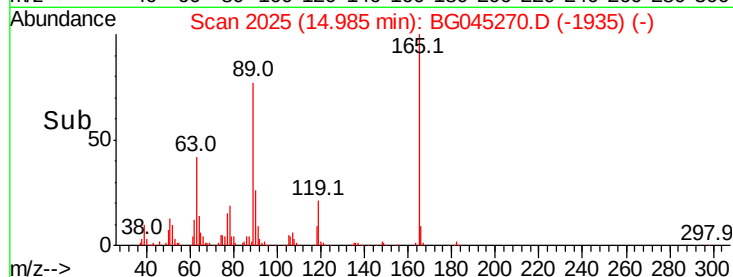
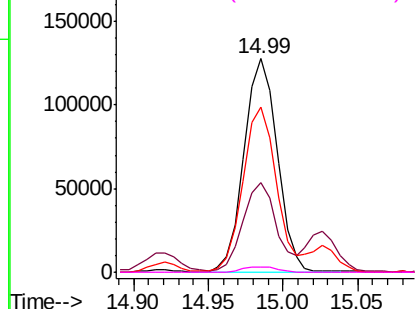
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

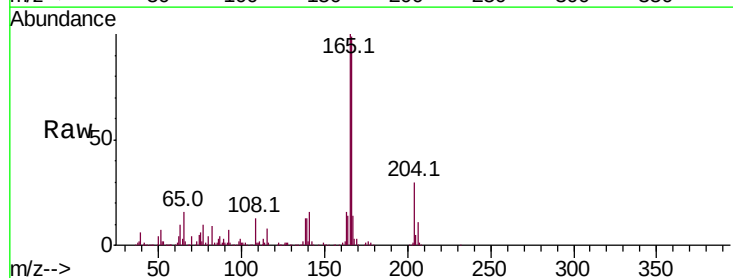
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 43.926 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.8 | 79.9  | 119.9 |
| 167     | 14.3  | 11.4  | 17.0  |

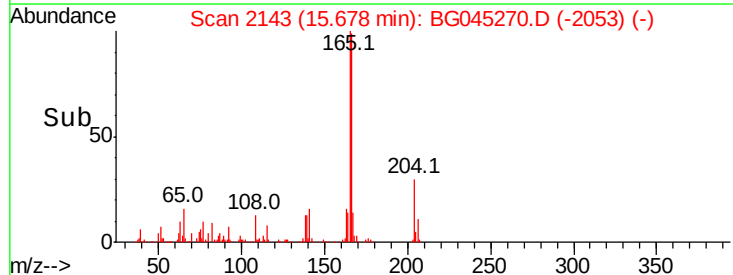
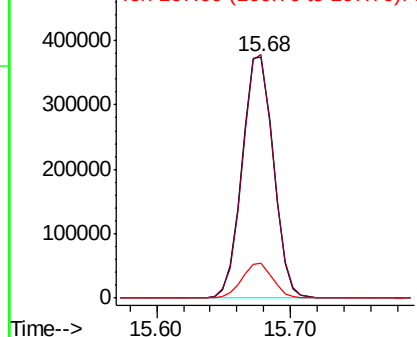


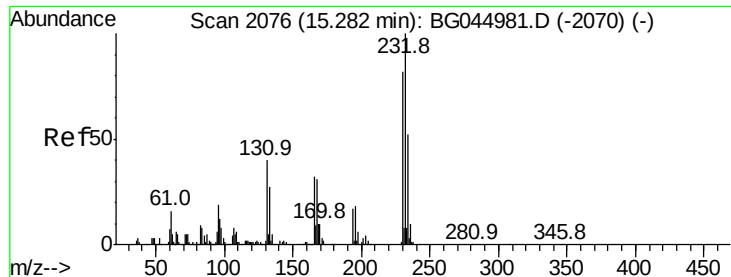
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

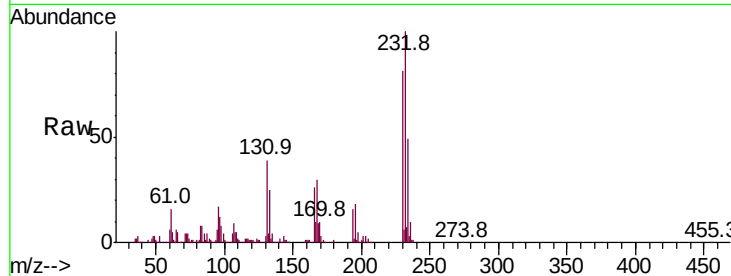




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.670 ng  
 RT: 15.26 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 191084 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.9  | 32.2  | 48.2   |
| 130      | 2.7   | 2.2   | 3.2    |
| 166      | 28.1  | 24.2  | 36.4   |



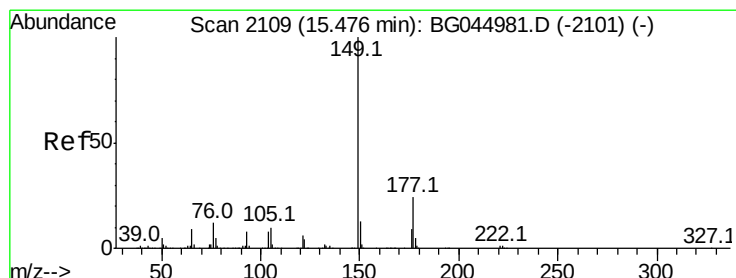
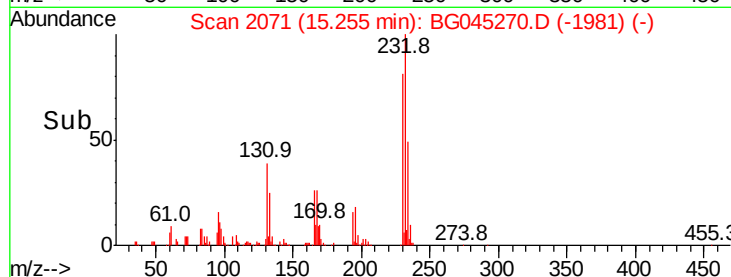
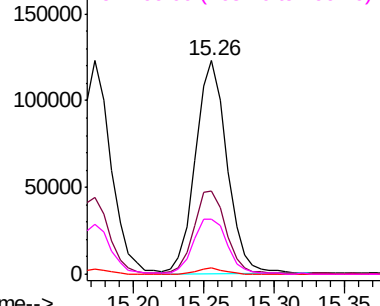
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

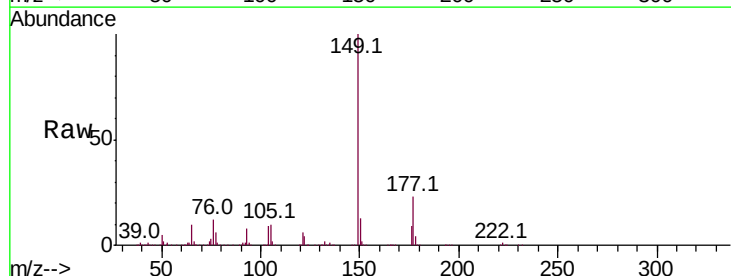
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 42.074 ng  
 RT: 15.44 min Scan# 2103  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 649343 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.2  | 18.9  | 28.3   |
| 150      | 13.4  | 10.6  | 15.8   |

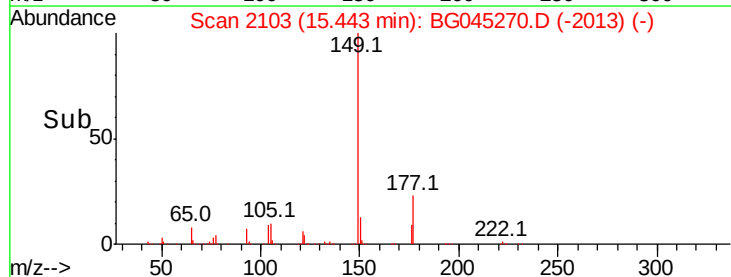
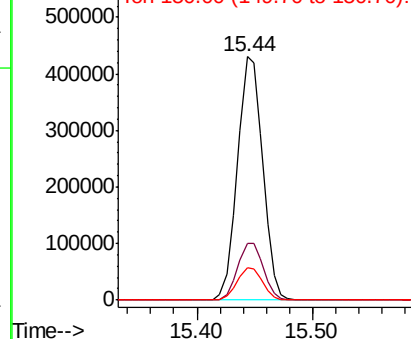


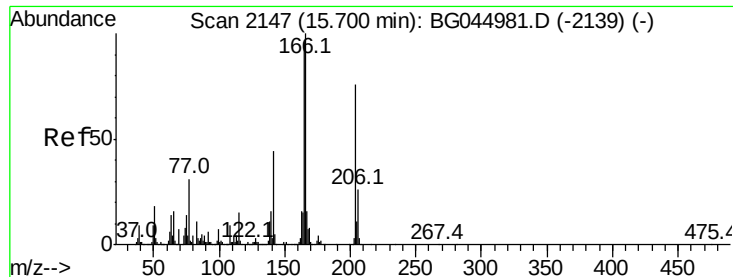
Abundance

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: 41.834 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

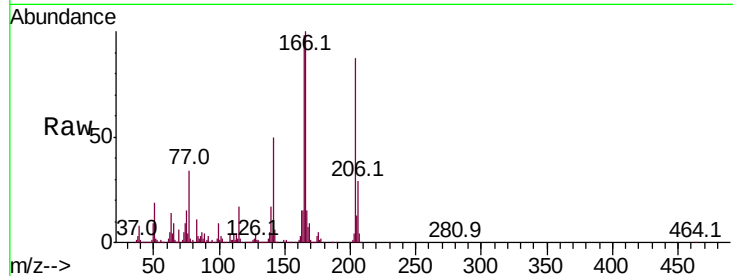
Tot Ion:204 Resp: 333660

Ion Ratio Lower Upper

204 100

206 33.5 26.9 40.3

141 57.3 46.3 69.5

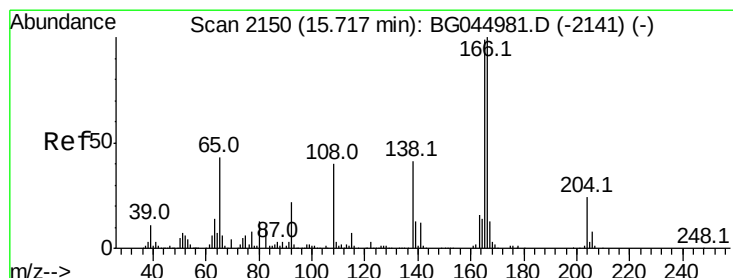
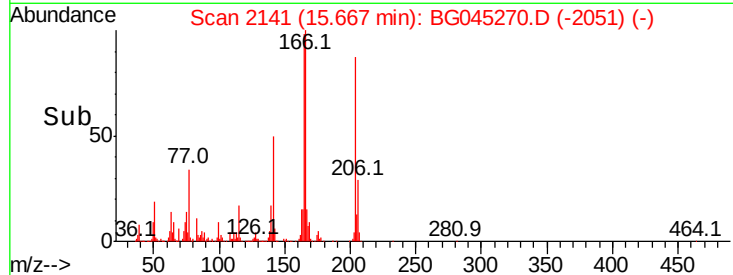
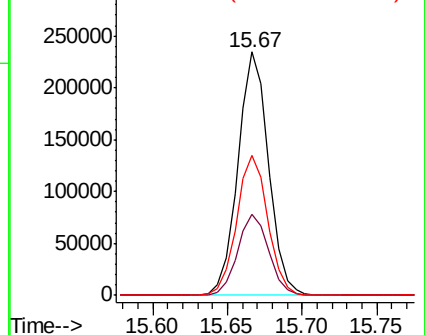


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 36.391 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

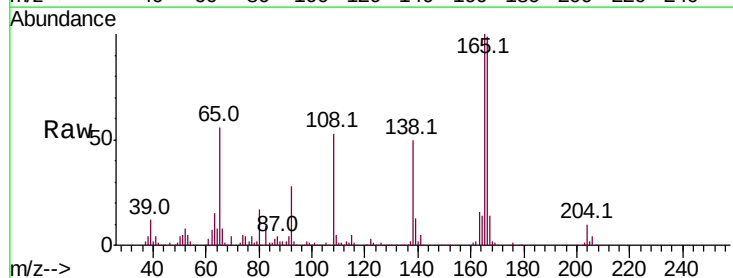
Tgt Ion:138 Resp: 137062

Ion Ratio Lower Upper

138 100

92 55.8 33.6 73.6

108 106.0 78.2 118.2

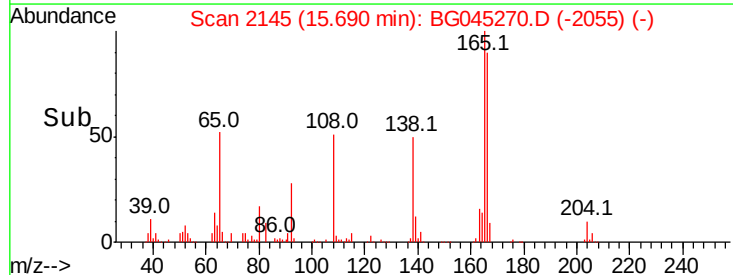
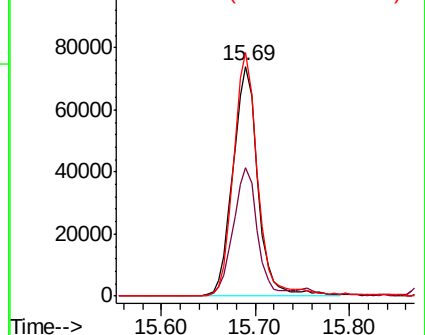


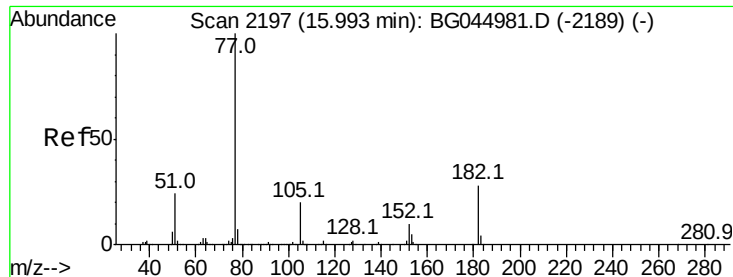
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E

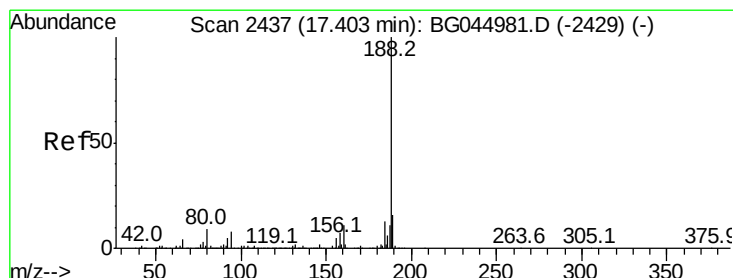
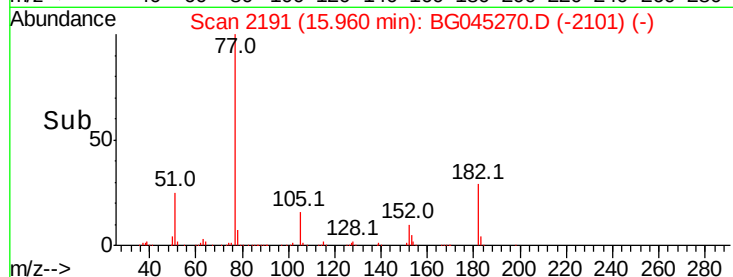
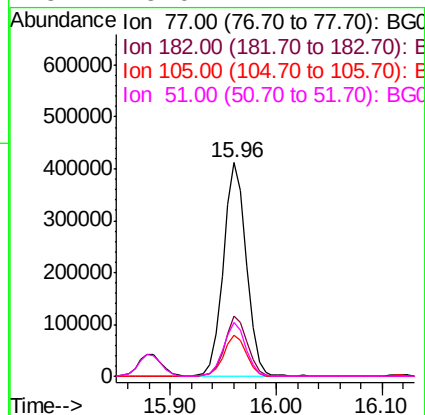
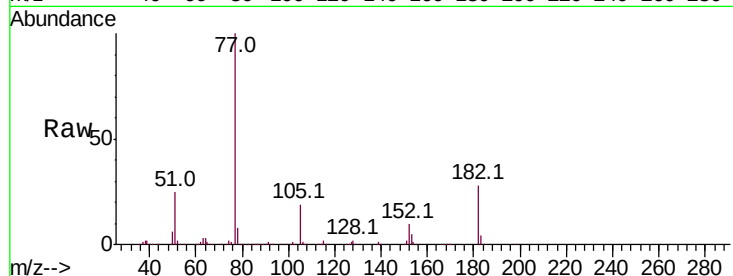




#63  
Azobenzene  
Concen: 43.359 ng  
RT: 15.96 min Scan# 2191  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

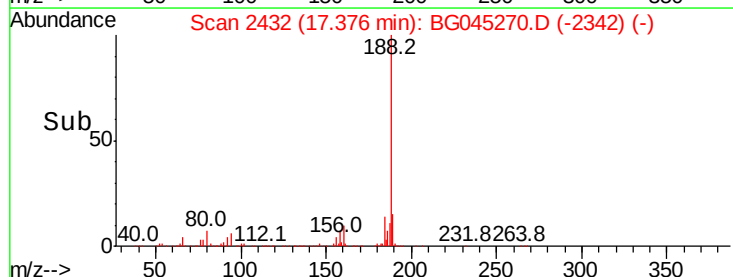
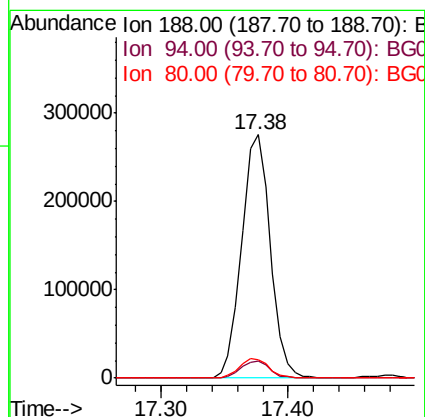
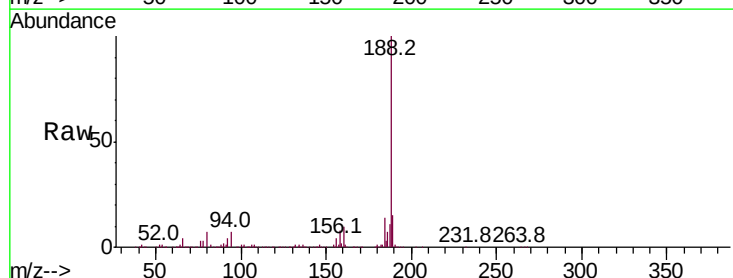
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

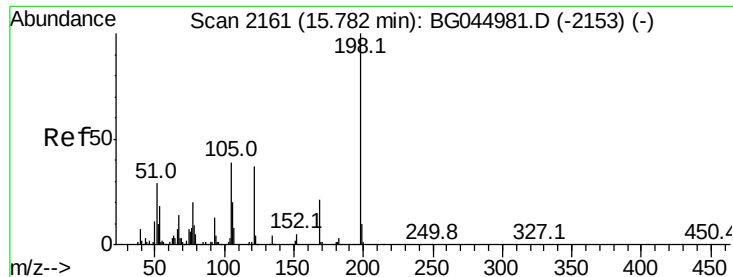
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 616948 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 28.0  | 8.4   | 48.4   |
| 105      | 19.2  | 0.5   | 40.5   |
| 51       | 25.0  | 4.4   | 44.4   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.38 min Scan# 2432  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 432932 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.7   | 6.2   | 9.4    |
| 80       | 7.4   | 7.0   | 10.6   |





#65

4,6-Dinitro-2-methylphenol

Concen: 43.970 ng

RT: 15.75 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

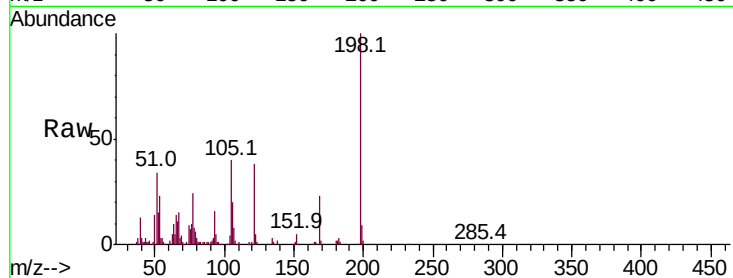
Tot Ion:198 Resp: 125124

Ion Ratio Lower Upper

198 100

51 33.5 10.0 50.0

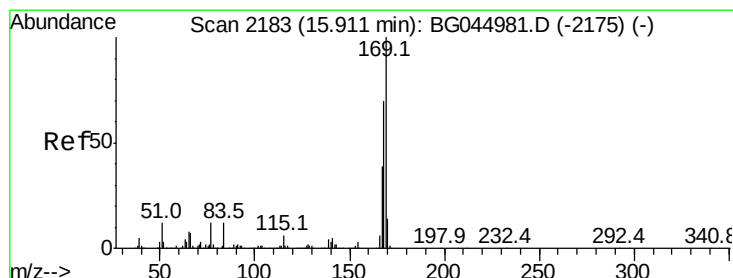
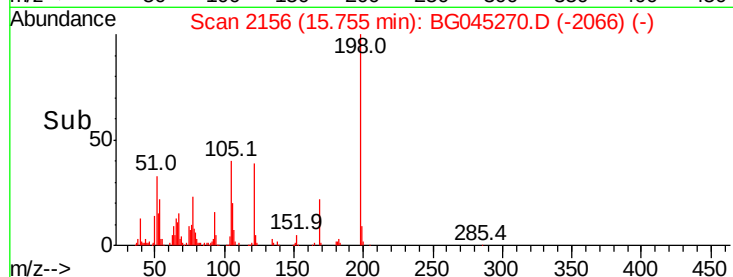
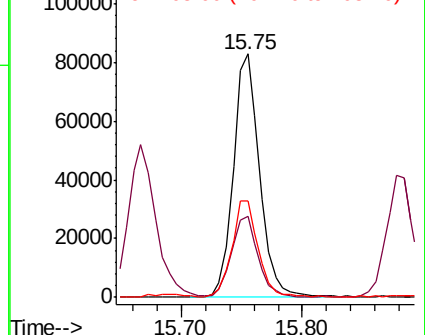
105 39.8 18.9 58.9



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: 43.536 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

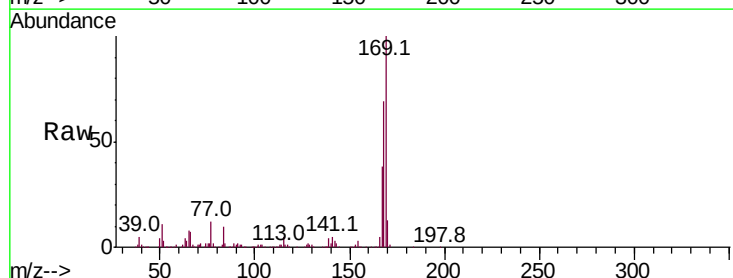
Tgt Ion:169 Resp: 541540

Ion Ratio Lower Upper

169 100

168 68.6 55.8 83.8

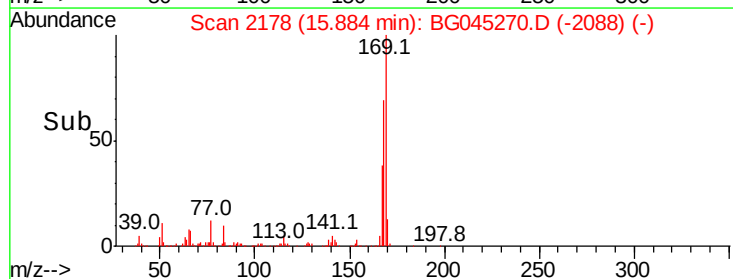
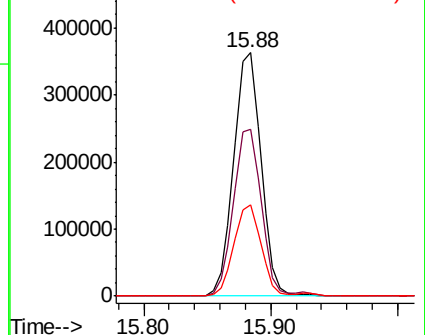
167 37.6 30.8 46.2

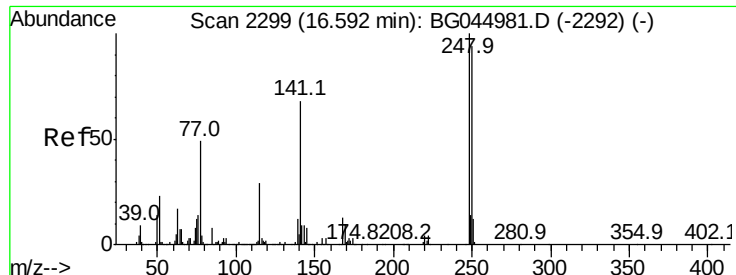


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

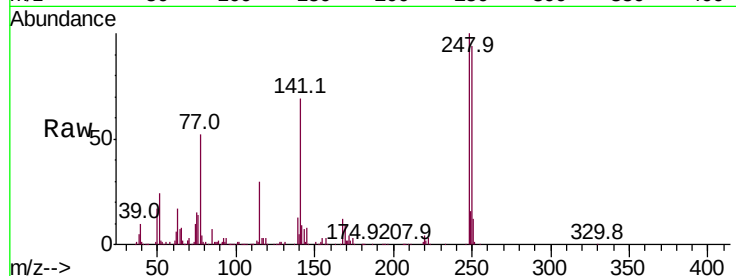




#67  
4-Bromophenyl-phenylether  
Concen: 42.007 ng  
RT: 16.56 min Scan# 2293  
Delta R.T. -0.01 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.4  | 75.4  | 113.2 |
| 141     | 68.9  | 54.4  | 81.6  |

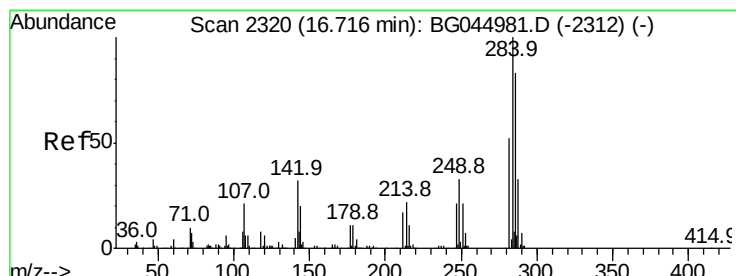
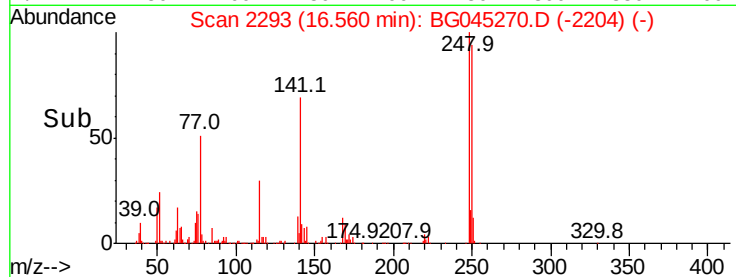
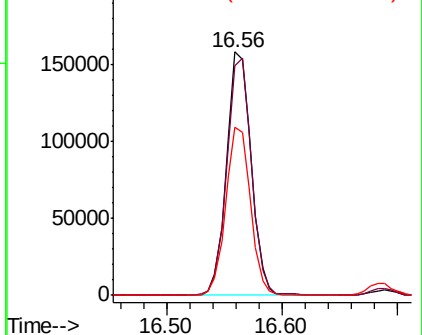


Abundance

Ion 248.00 (247.70 to 248.70): E

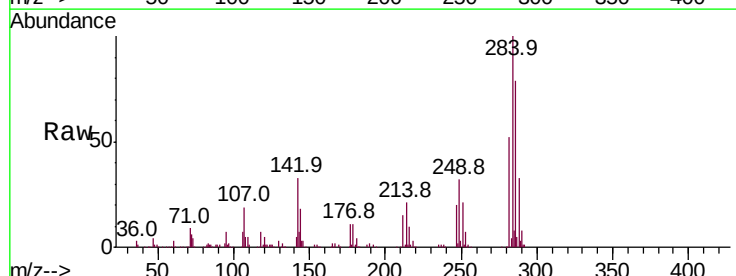
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 44.301 ng  
RT: 16.69 min Scan# 2315  
Delta R.T. -0.00 min  
Lab File: BG045270.D  
Acq: 7 May 2020 15:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.0  | 25.8  | 38.6  |
| 249     | 31.8  | 26.6  | 39.8  |

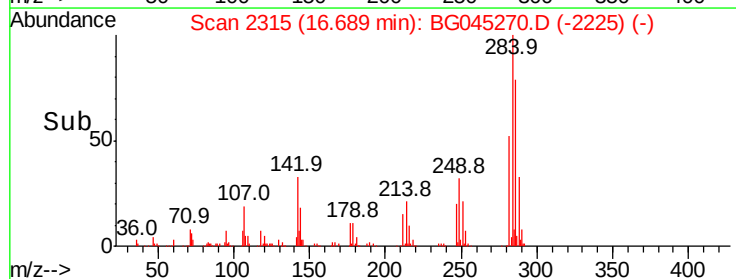
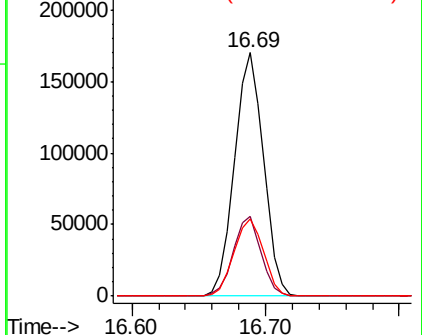


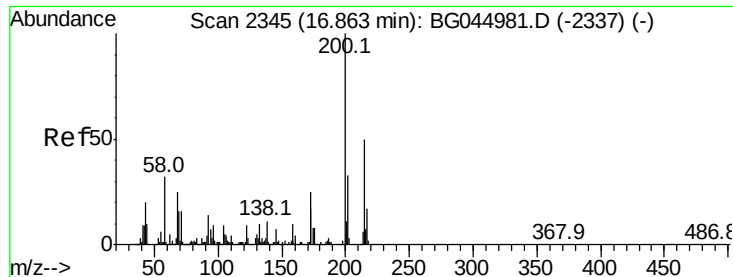
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.843 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

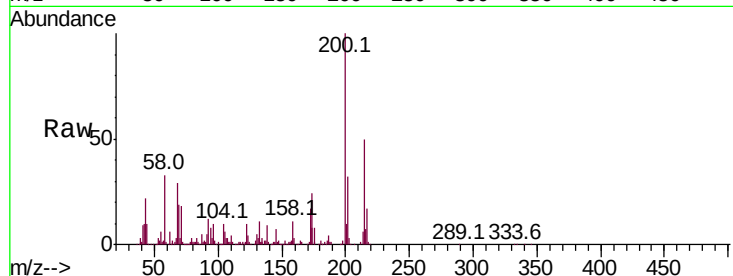
Tot Ion:200 Resp: 211637

Ion Ratio Lower Upper

200 100

173 23.8 4.5 44.5

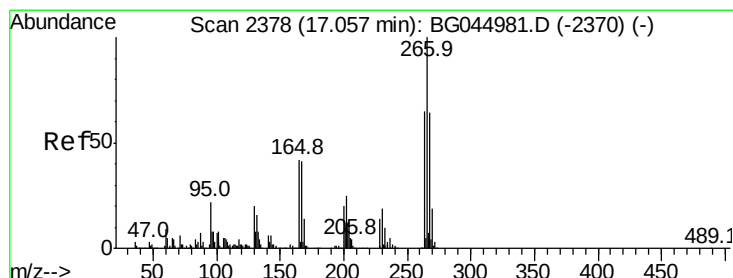
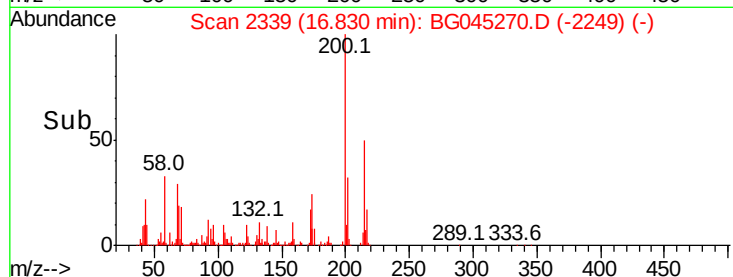
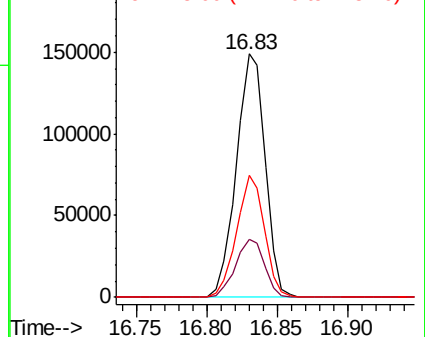
215 49.9 30.0 70.0



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: 84.032 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

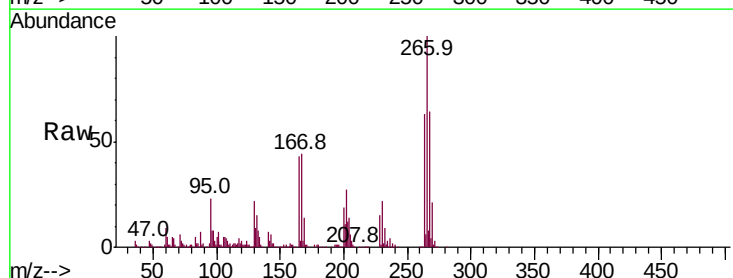
Tgt Ion:266 Resp: 298606

Ion Ratio Lower Upper

266 100

268 63.7 51.5 77.3

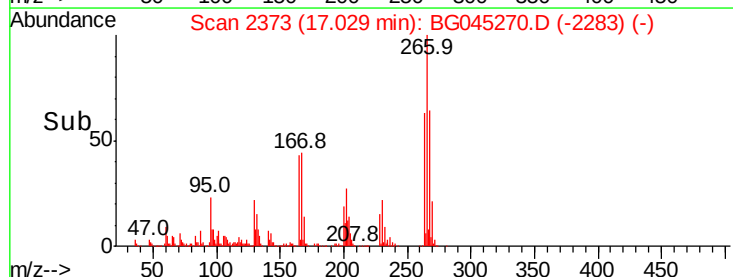
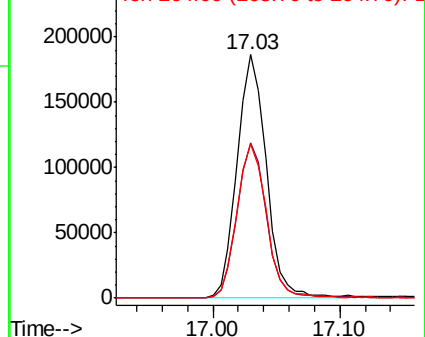
264 63.3 52.2 78.4

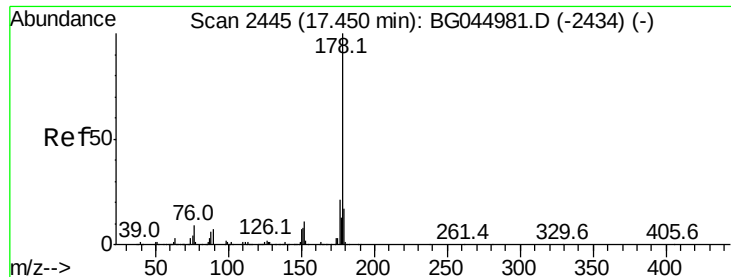


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.837 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

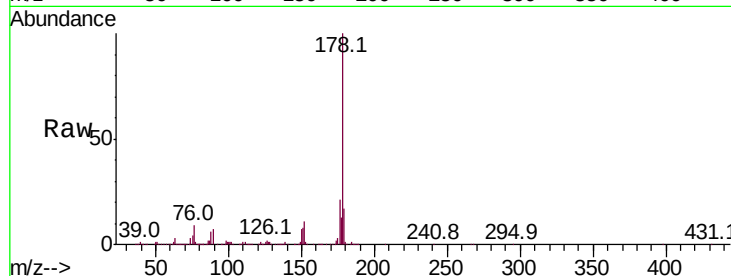
Tot Ion:178 Resp: 997505

Ion Ratio Lower Upper

178 100

176 20.9 16.8 25.2

179 16.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.42

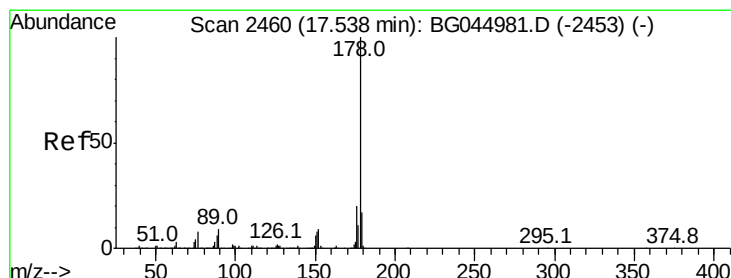
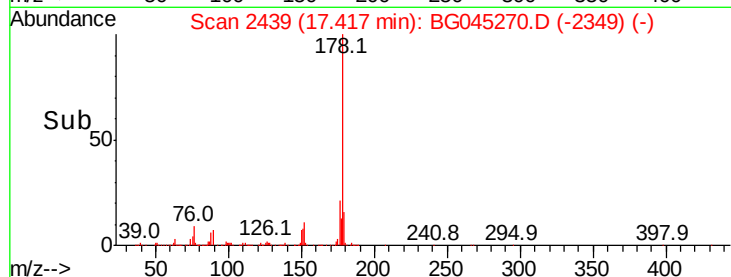
600000

400000

200000

0

Time-->



#72

Anthracene

Concen: 45.910 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

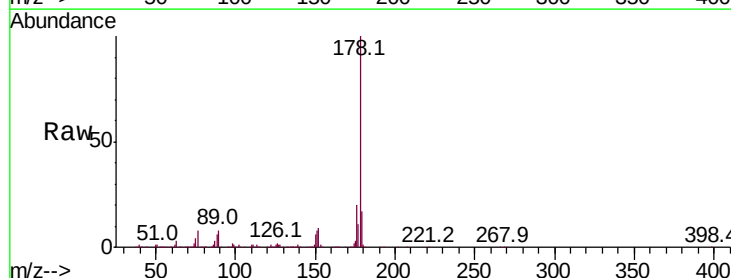
Tgt Ion:178 Resp: 1024530

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 16.9 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.51

800000

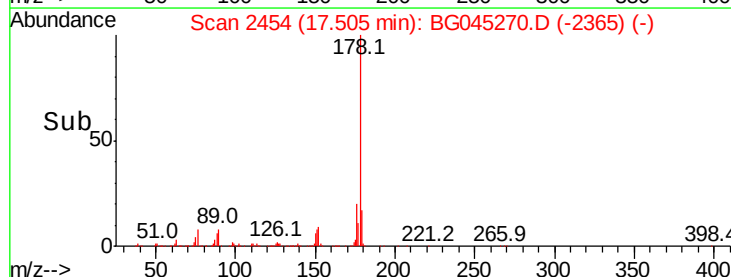
600000

400000

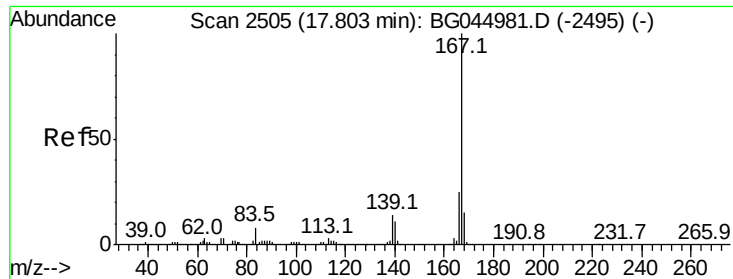
200000

0

Time-->



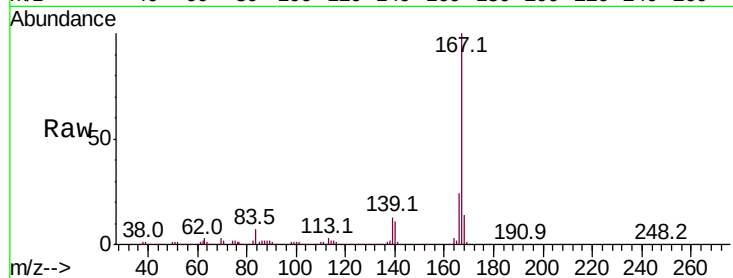




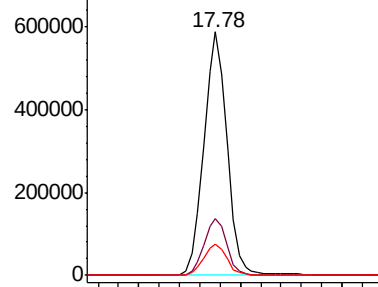
#73  
 Carbazole  
 Concen: 41.139 ng  
 RT: 17.78 min Scan# 2500  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMS

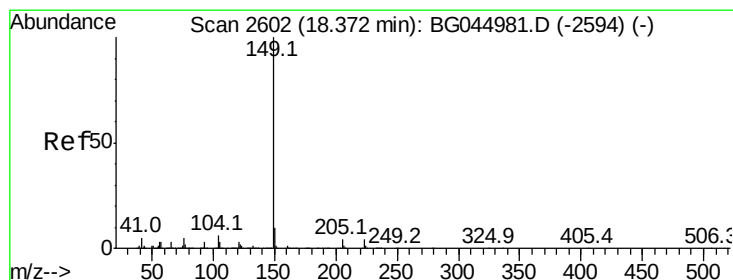
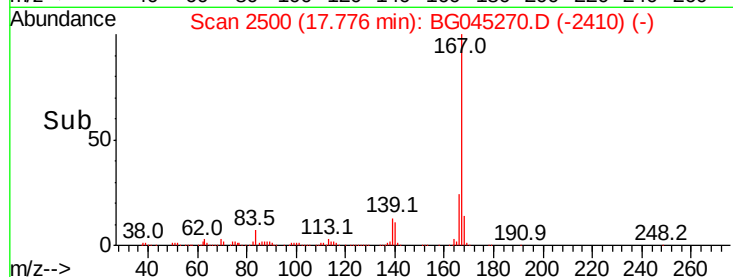
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.5  | 19.8  | 29.6  |
| 139     | 13.0  | 10.9  | 16.3  |



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

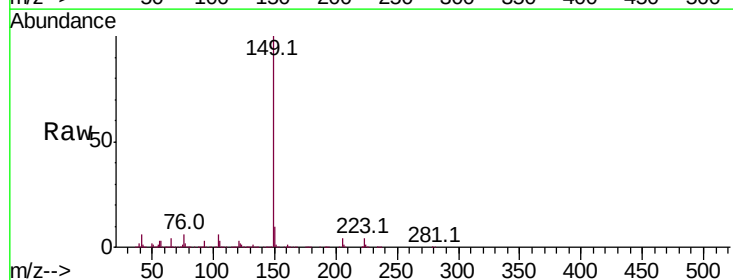


Time-->

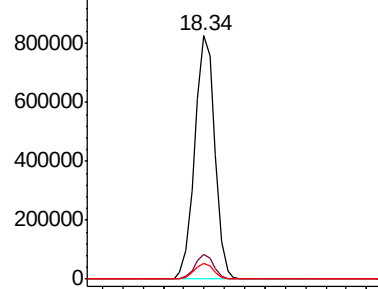


#74  
 Di-n-butylphthalate  
 Concen: 46.041 ng  
 RT: 18.34 min Scan# 2596  
 Delta R.T. -0.00 min  
 Lab File: BG045270.D  
 Acq: 7 May 2020 15:21

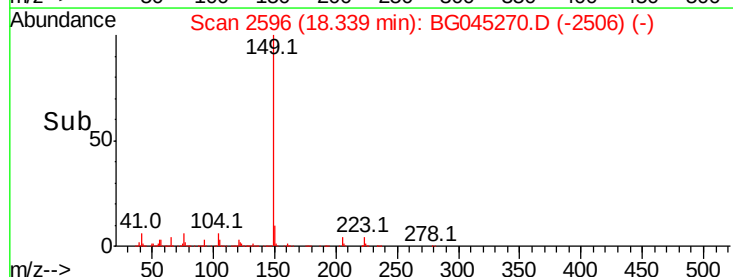
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.1  | 8.2   | 12.2  |
| 104     | 6.4   | 4.8   | 7.2   |

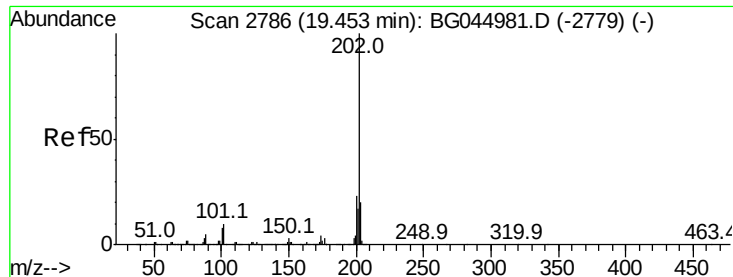


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 47.344 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

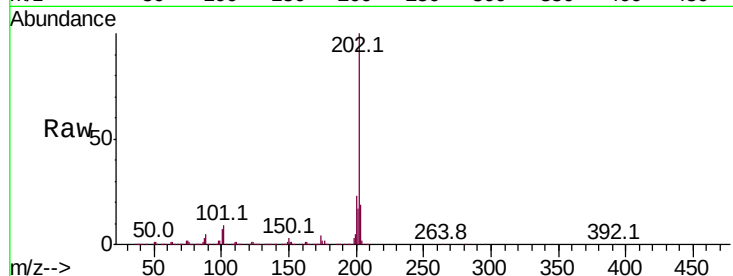
BNA\_G

ClientSampleId :

TP-18AMS

Tot Ion:202 Resp: 1229596

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 8.6   | 0.0   | 29.6  |
| 203 | 19.3  | 0.0   | 39.7  |

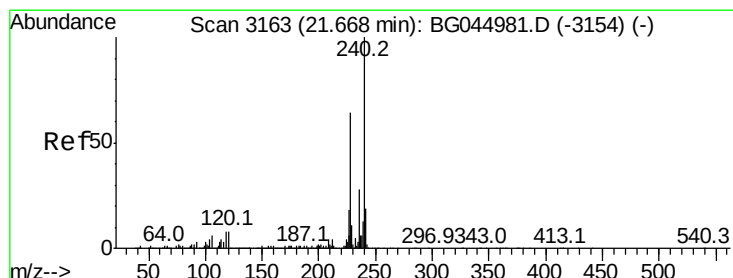
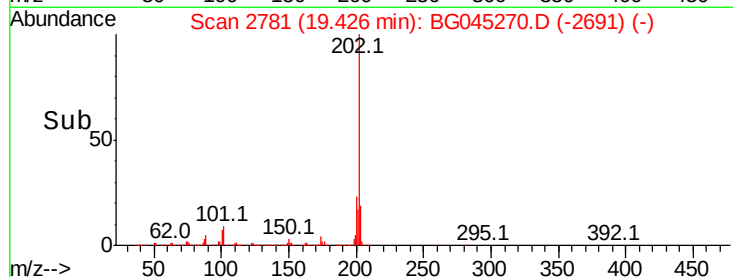
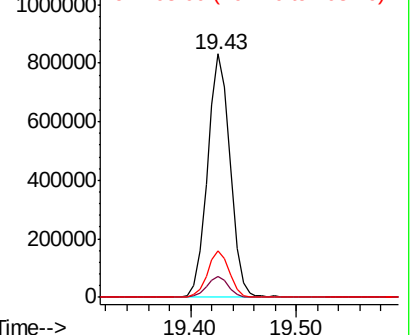


Abundance

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: 21.64 min Scan# 3158

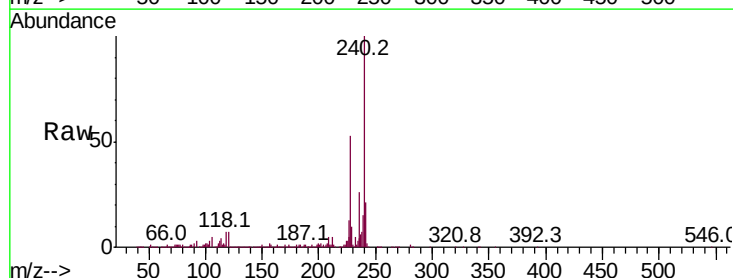
Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:240 Resp: 396600

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 6.9   | 6.6   | 10.0  |
| 236 | 26.2  | 22.2  | 33.2  |

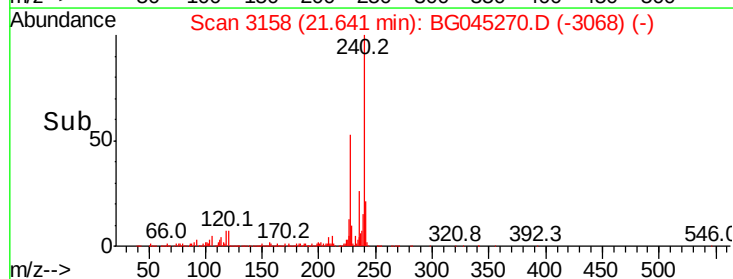
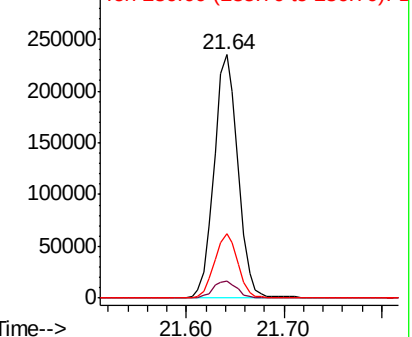


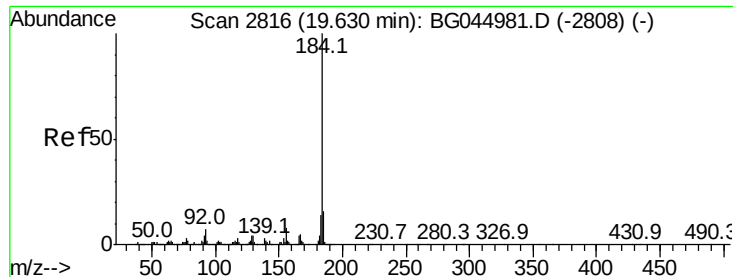
Abundance

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: 49.506 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

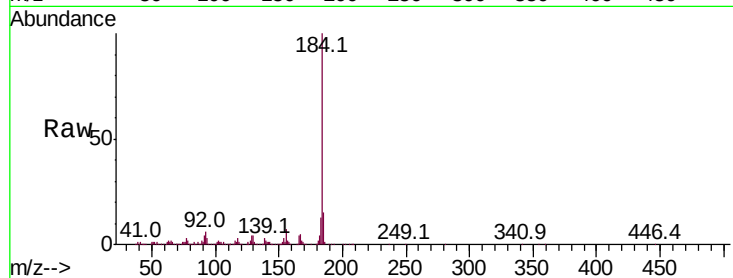
BNA\_G

ClientSampleId :

TP-18AMS

Tot Ion:184 Resp: 561828

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.8  | 12.6  | 19.0  |
| 183 | 13.2  | 11.3  | 16.9  |

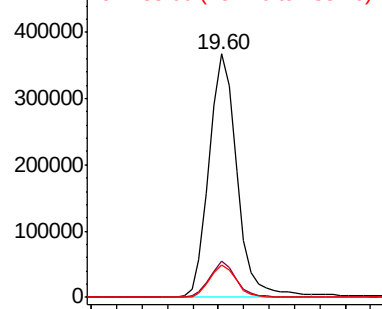


Abundance

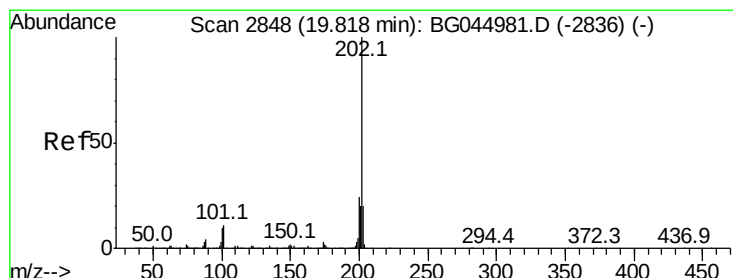
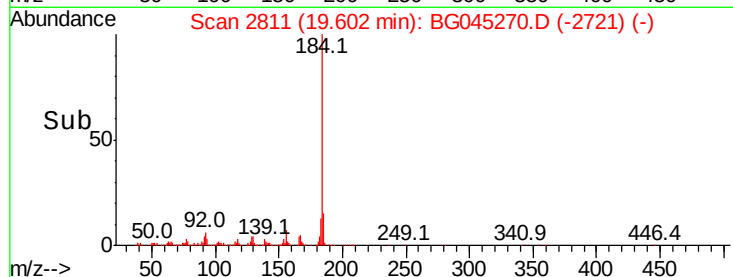
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60 19.70



#78

Pyrene

Concen: 44.479 ng

RT: 19.79 min Scan# 2843

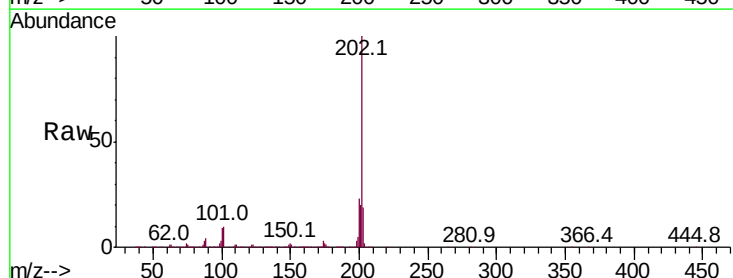
Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:202 Resp: 1216129

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.0  | 19.0  | 28.6  |
| 203 | 19.4  | 16.1  | 24.1  |

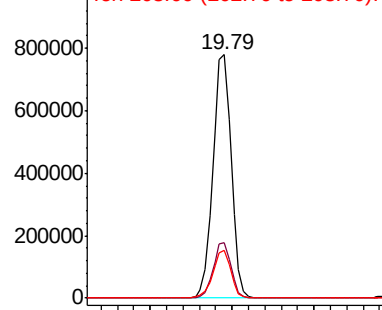


Abundance

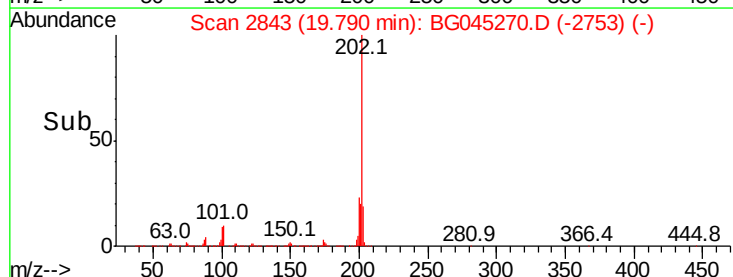
Ion 202.00 (201.70 to 202.70): E

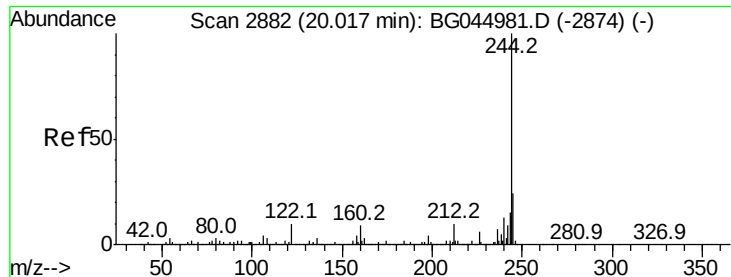
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90





#79

Terphenyl-d14

Concen: 105.406 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

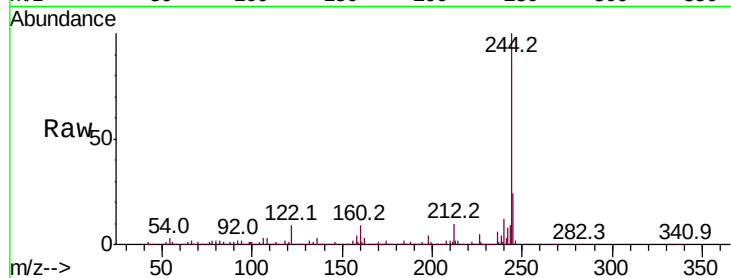
Tot Ion:244 Resp: 1918001

Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

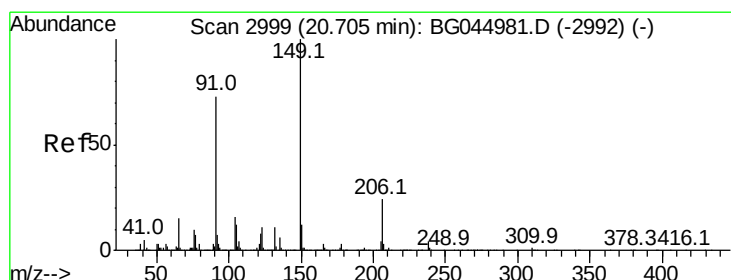
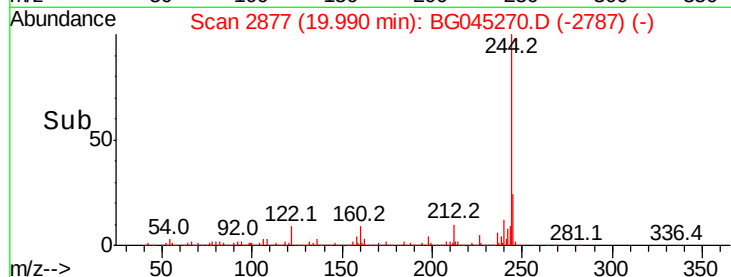
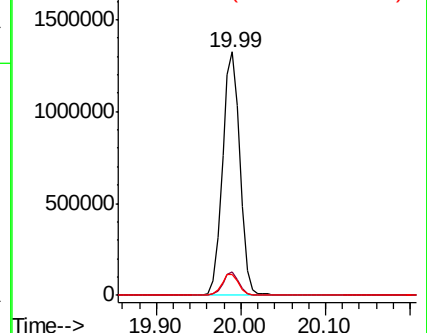
122 8.6 7.7 11.5



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: 44.435 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

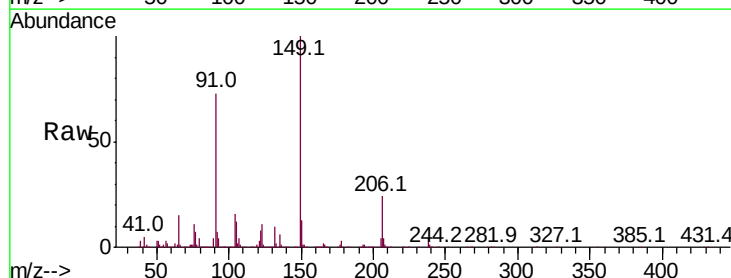
Tgt Ion:149 Resp: 503604

Ion Ratio Lower Upper

149 100

91 73.4 58.5 87.7

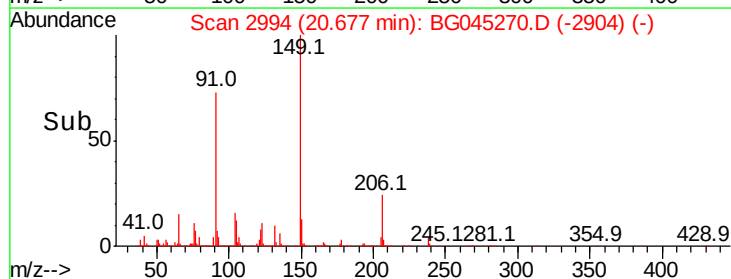
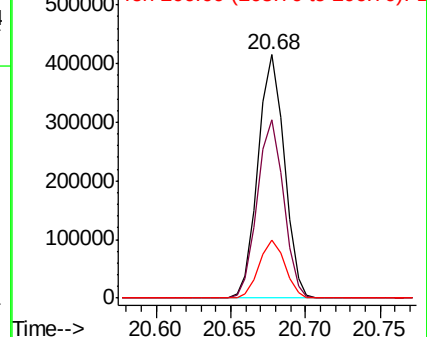
206 23.9 19.2 28.8

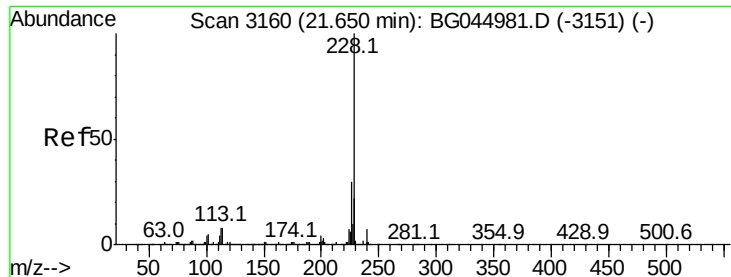


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.229 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

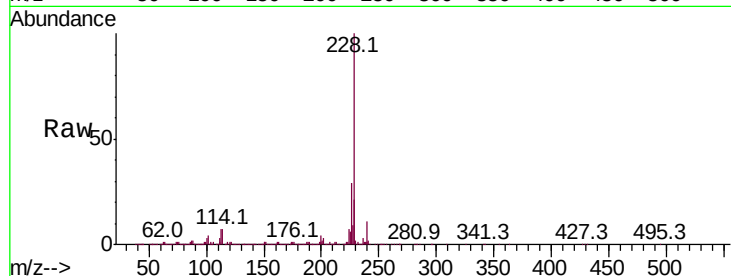
Tot Ion:228 Resp: 1162613

Ion Ratio Lower Upper

228 100

226 29.2 24.0 36.0

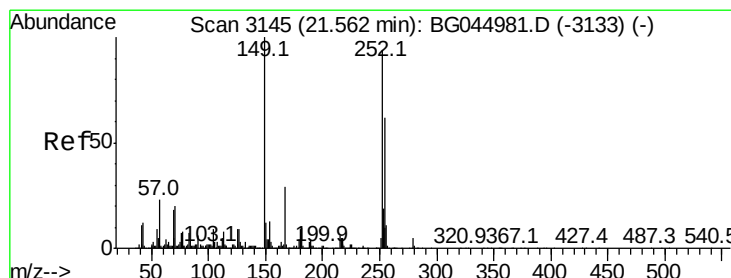
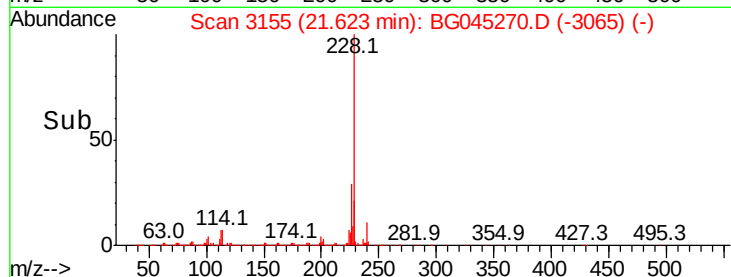
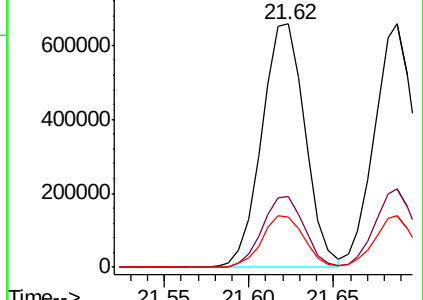
229 20.5 17.5 26.3



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: 23.659 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

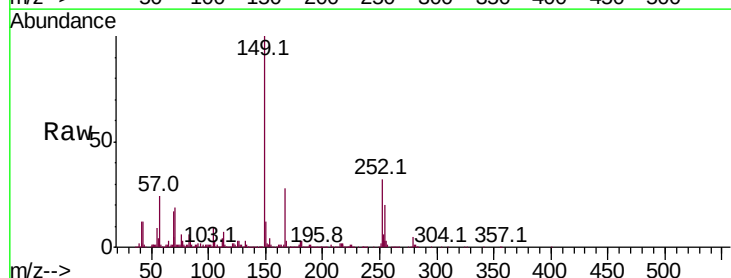
Tgt Ion:252 Resp: 242058

Ion Ratio Lower Upper

252 100

254 63.0 52.6 79.0

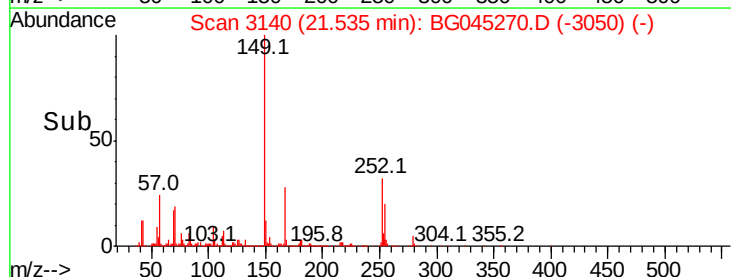
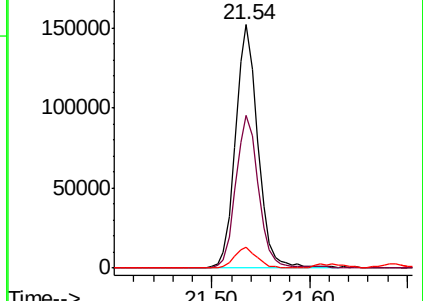
126 8.4 7.5 11.3

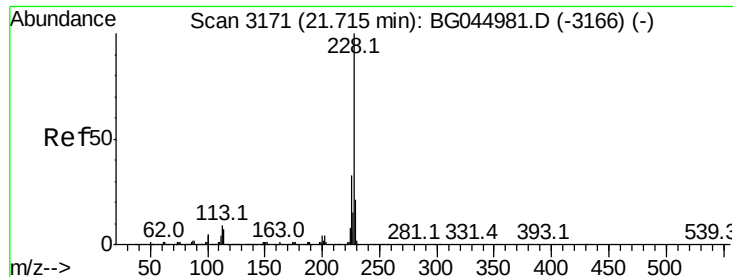


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.878 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

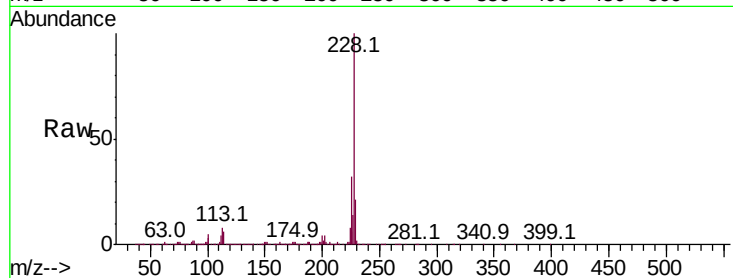
Tot Ion:228 Resp: 1108404

Ion Ratio Lower Upper

228 100

226 32.4 26.2 39.4

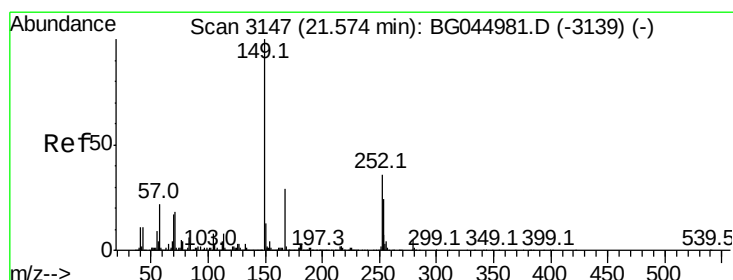
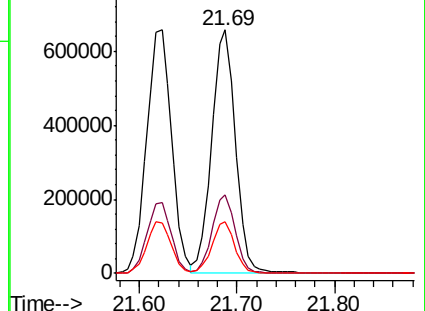
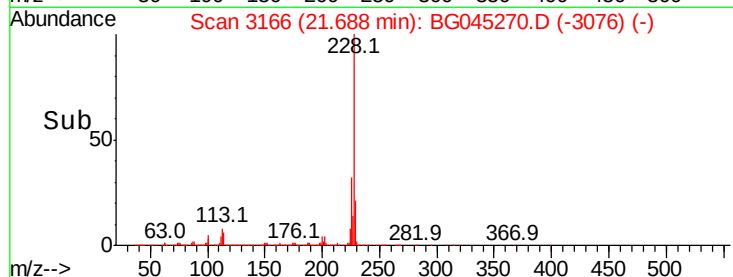
229 21.0 17.0 25.6



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: 44.787 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

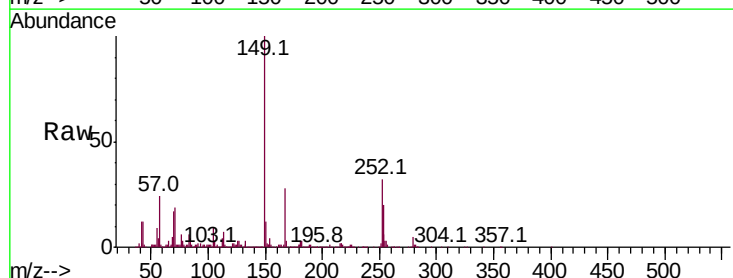
Tgt Ion:149 Resp: 698110

Ion Ratio Lower Upper

149 100

167 28.3 23.4 35.0

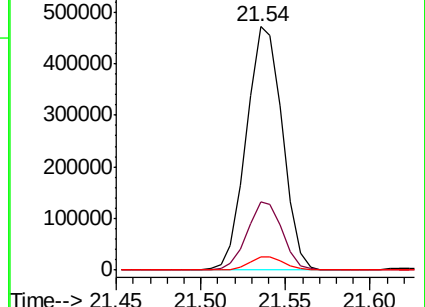
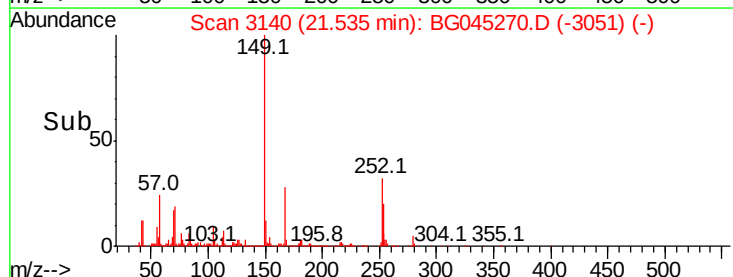
279 5.2 4.3 6.5

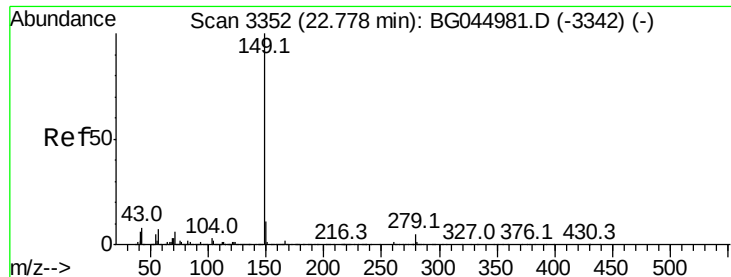


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.955 ng

RT: 22.73 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

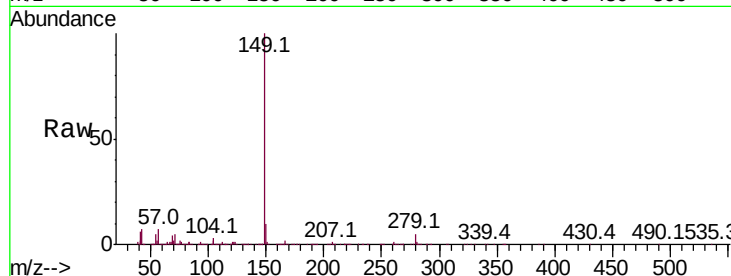
Tot Ion:149 Resp: 1184791

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

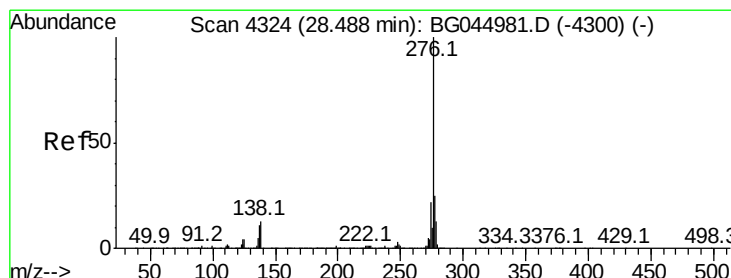
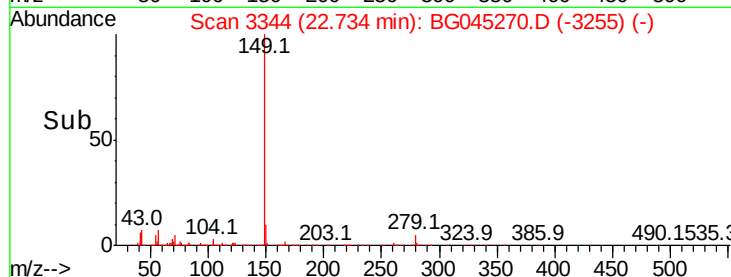
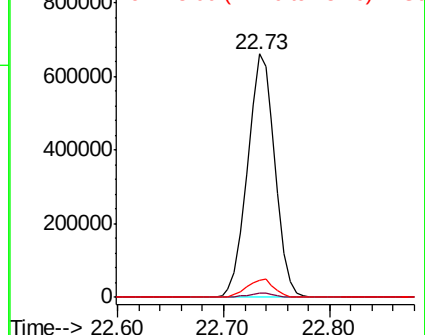
43 7.2 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.999 ng

RT: 28.43 min Scan# 4313

Delta R.T. 0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

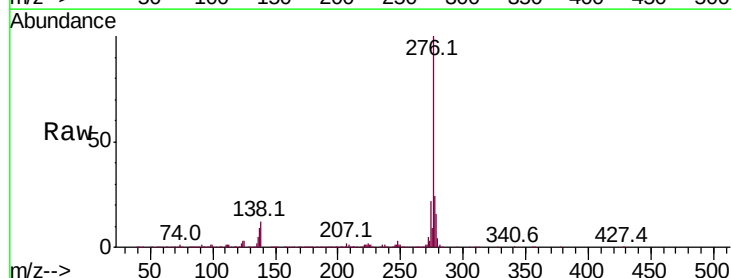
Tgt Ion:276 Resp: 1475561

Ion Ratio Lower Upper

276 100

138 9.8 9.6 14.4

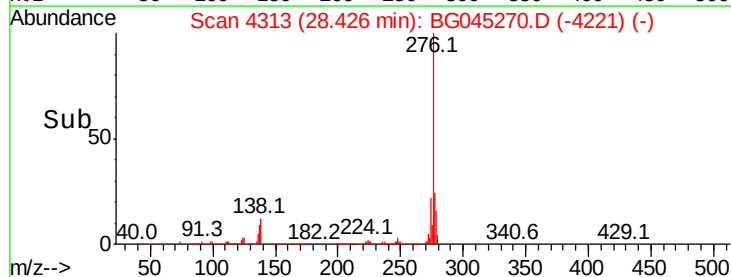
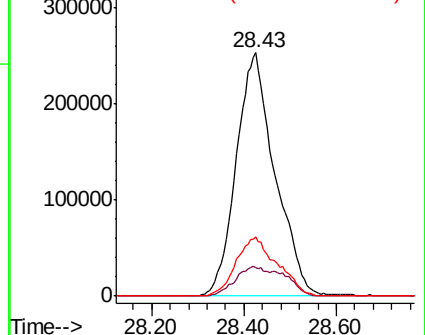
277 25.8 20.6 31.0

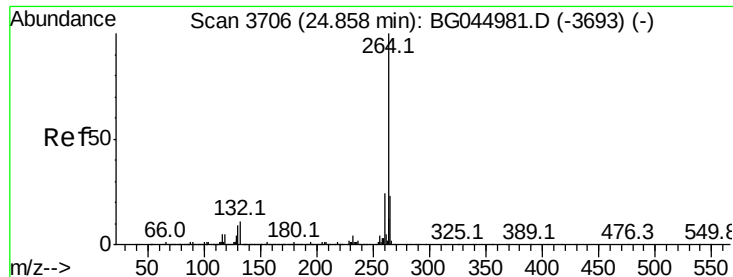


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3698

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

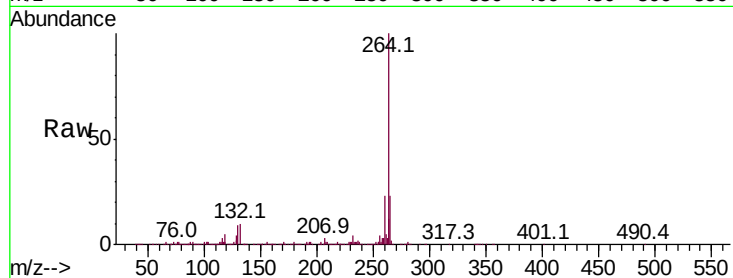
Tot Ion:264 Resp: 440198

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

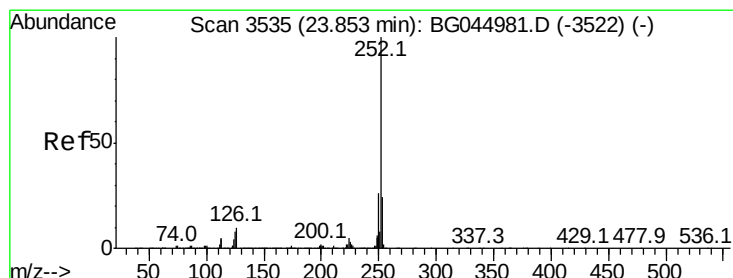
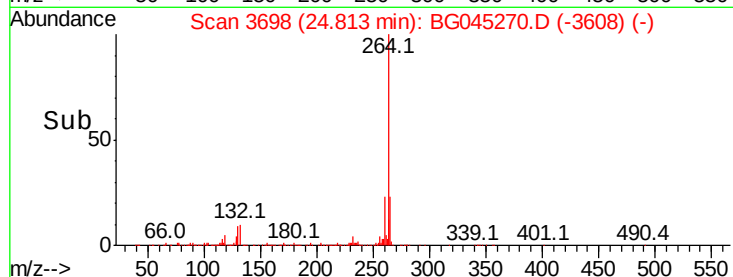
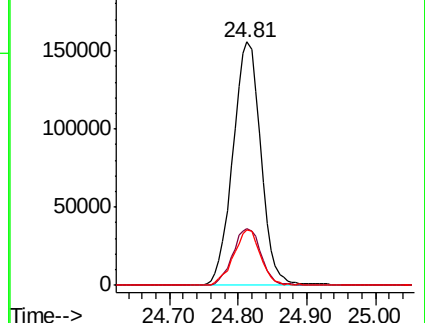
265 22.7 19.0 28.4



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: 44.955 ng

RT: 23.81 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

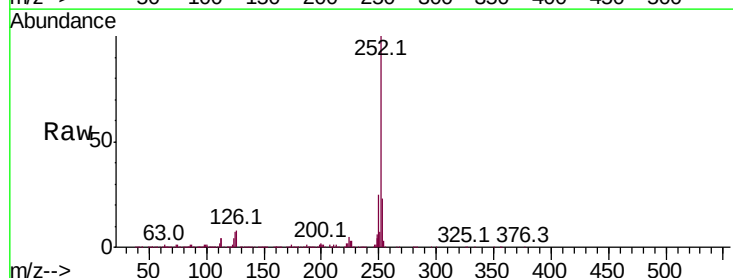
Tgt Ion:252 Resp: 1239574

Ion Ratio Lower Upper

252 100

253 22.6 18.8 28.2

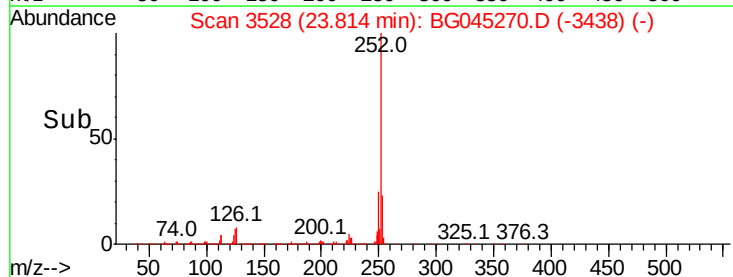
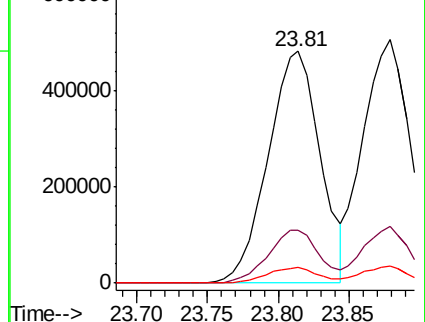
125 7.0 6.2 9.4



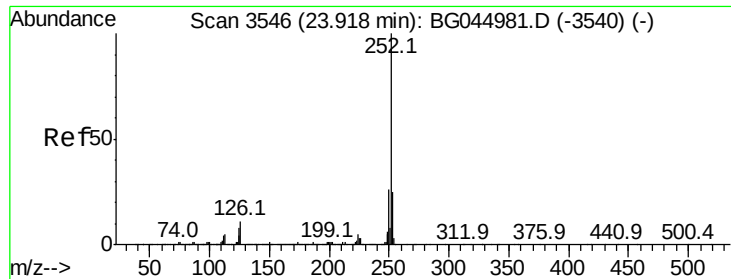
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 45.552 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

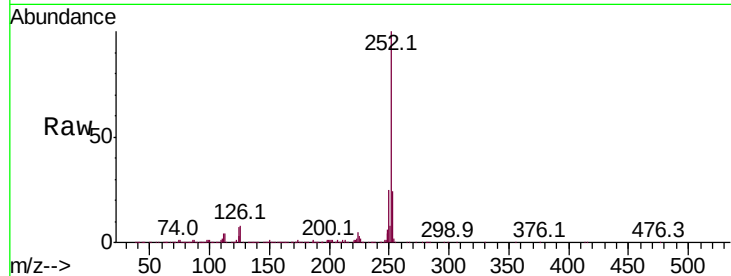
Tot Ion:252 Resp: 1194487

Ion Ratio Lower Upper

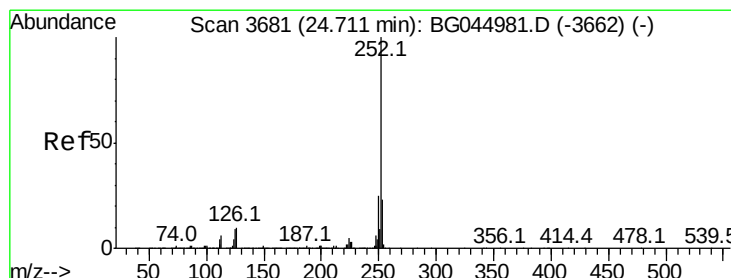
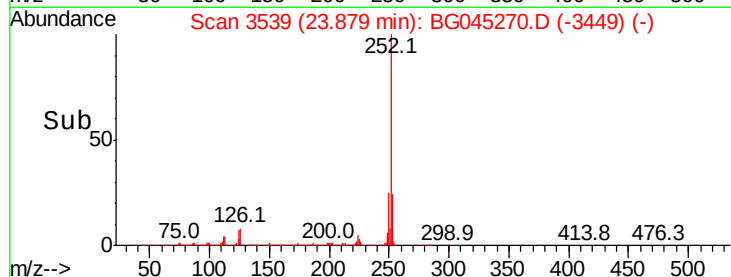
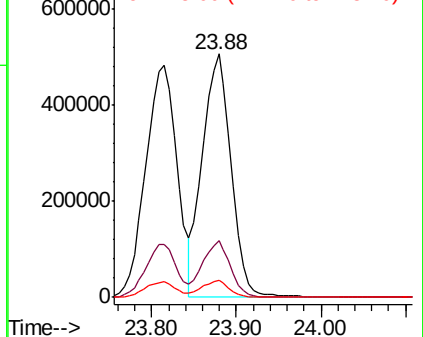
252 100

253 23.5 19.2 28.8

125 7.0 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: 43.968 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

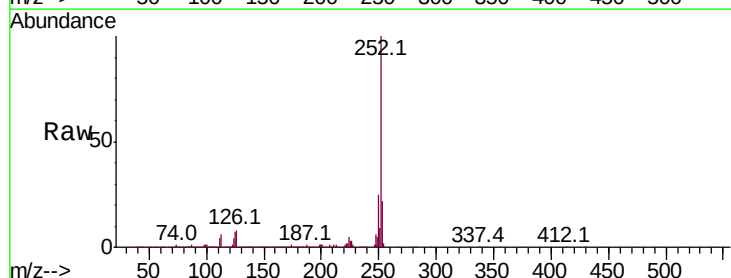
Tgt Ion:252 Resp: 1144654

Ion Ratio Lower Upper

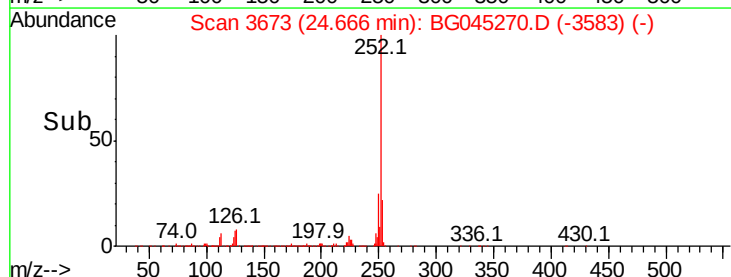
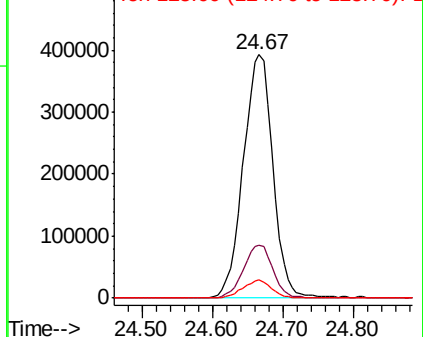
252 100

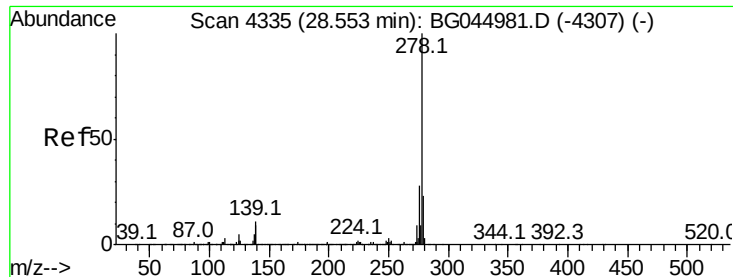
253 21.9 18.3 27.5

125 7.4 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: 45.584 ng

RT: 28.49 min Scan# 4324

Delta R.T. 0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA\_G

ClientSampleId :

TP-18AMS

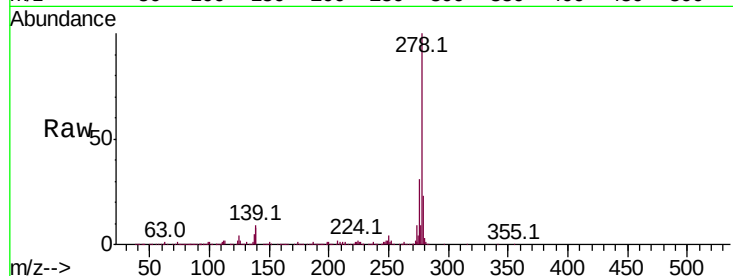
Tot Ion:278 Resp: 1195812

Ion Ratio Lower Upper

278 100

139 9.1 9.0 13.6

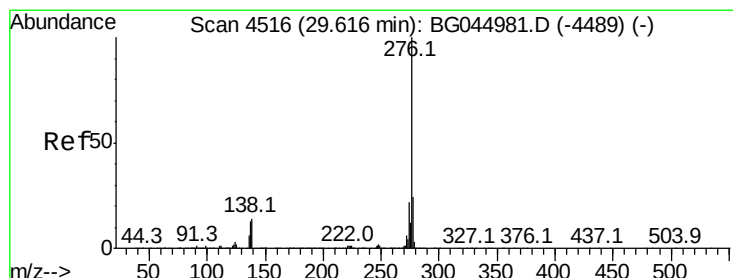
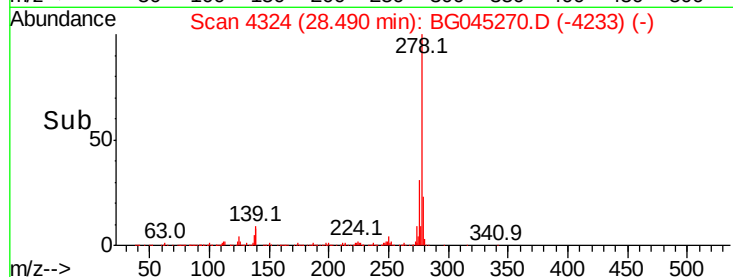
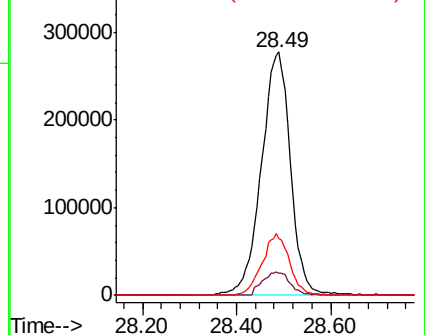
279 23.2 18.4 27.6



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: 46.443 ng

RT: 29.55 min Scan# 4505

Delta R.T. 0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

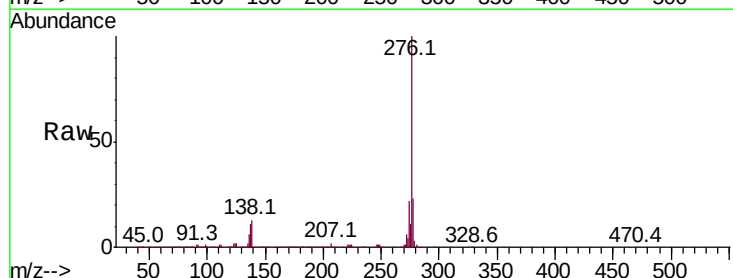
Tgt Ion:276 Resp: 1221467

Ion Ratio Lower Upper

276 100

277 22.8 19.3 28.9

138 12.7 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

