

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\  
 Data File : BG041887.D  
 Acq On : 2 Aug 2019 14:14  
 Operator : HP/JU  
 Sample : K4107-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

Quant Time: Aug 02 18:18:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 08:57:26 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 81070    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 334855   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 267707   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 655185   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 684443   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.01 | 264  | 804164   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.59  | 112 | 545028  | 130.80 | ng | 0.00 |
| 7) Phenol-d6                | 7.20  | 99  | 764010  | 136.01 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.21  | 82  | 454708  | 93.45  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.19 | 330 | 512782  | 168.63 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.32 | 172 | 1178238 | 77.63  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.06 | 244 | 2249570 | 75.21  | ng | 0.00 |

|                                |       |     |         |           |        |
|--------------------------------|-------|-----|---------|-----------|--------|
| Target Compounds               |       |     |         |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.46  | 88  | 54676   | 27.879 ng | 93     |
| 3) Pyridine                    | 3.87  | 79  | 140966  | 26.211 ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 83589   | 39.207 ng | 100    |
| 6) Aniline                     | 7.36  | 93  | 240704  | 30.430 ng | 93     |
| 8) 2-Chlorophenol              | 7.60  | 128 | 221165  | 46.353 ng | 94     |
| 9) Benzaldehyde                | 7.17  | 77  | 112712  | 28.515 ng | 95     |
| 10) Phenol                     | 7.22  | 94  | 270465  | 46.280 ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 186704  | 38.860 ng | 93     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 231184  | 37.124 ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 239112  | 38.374 ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 226117  | 38.030 ng | 96     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 196669  | 44.501 ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 308774  | 36.124 ng | 98     |
| 17) 2-Methylphenol             | 8.48  | 107 | 190019  | 44.708 ng | 99     |
| 18) Hexachloroethane           | 9.14  | 117 | 79953   | 37.469 ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 159896  | 39.206 ng | 91     |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 275402  | 47.351 ng | 99     |
| 22) Acetophenone               | 8.87  | 105 | 318462  | 42.519 ng | # 94   |
| 24) Nitrobenzene               | 9.25  | 77  | 228543  | 44.583 ng | 96     |
| 25) Isophorone                 | 9.78  | 82  | 455921  | 43.072 ng | 99     |
| 26) 2-Nitrophenol              | 9.96  | 139 | 148088  | 62.244 ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 228699  | 54.464 ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 265992  | 40.212 ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 276500  | 54.072 ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 265206  | 40.899 ng | 97     |
| 31) Naphthalene                | 10.92 | 128 | 654381  | 42.699 ng | 98     |
| 32) Benzoic acid               | 10.20 | 122 | 1902m   | 9.247 ng  |        |
| 33) 4-Chloroaniline            | 11.02 | 127 | 169428  | 23.312 ng | 97     |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 168456  | 38.492 ng | 98     |
| 35) Caprolactam                | 11.81 | 113 | 108174m | 60.871 ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 284861  | 56.190 ng | 95     |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 526392  | 43.394 ng | 99     |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 509776  | 44.344 ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 336582  | 39.719 ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\  
 Data File : BG041887.D  
 Acq On : 2 Aug 2019 14:14  
 Operator : HP/JU  
 Sample : K4107-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

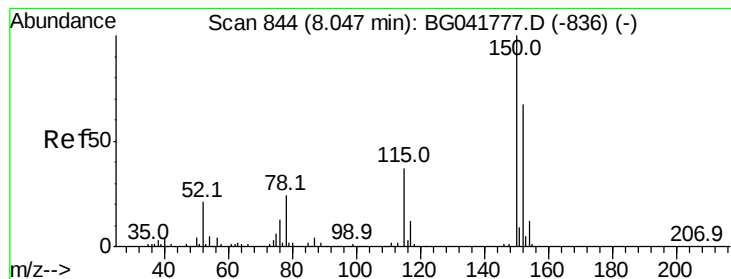
Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

Quant Time: Aug 02 18:18:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 08:57:26 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 363089   | 76.210  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 305310   | 57.004  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.20 | 196  | 329444   | 59.191  | nq    | 94       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 690564   | 40.128  | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.57 | 162  | 585611   | 39.969  | nq    | 96       |
| 48) 2-Nitroaniline             | 13.77 | 65   | 189520   | 51.002  | nq    | 93       |
| 49) Acenaphthylene             | 14.42 | 152  | 946383   | 43.181  | nq    | 98       |
| 50) Dimethylphthalate          | 14.15 | 163  | 1035252  | 56.623  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.27 | 165  | 204434   | 53.474  | nq    | 88       |
| 52) Acenaphthene               | 14.77 | 154  | 592804   | 41.588  | nq    | 98       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 148555   | 36.322  | nq    | 89       |
| 54) 2,4-Dinitrophenol          | 14.80 | 184  | 76487    | 41.044  | nq    | 87       |
| 55) Dibenzofuran               | 15.10 | 168  | 955681   | 43.833  | nq    | 96       |
| 56) 4-Nitrophenol              | 14.91 | 139  | 408638   | 131.624 | nq    | 94       |
| 57) 2,4-Dinitrotoluene         | 15.05 | 165  | 294184   | 55.955  | nq    | 92       |
| 58) Fluorene                   | 15.75 | 166  | 790342   | 45.170  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 332138   | 60.252  | nq    | 92       |
| 60) Diethylphthalate           | 15.52 | 149  | 830373   | 46.261  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 469986   | 43.999  | nq    | 95       |
| 62) 4-Nitroaniline             | 15.76 | 138  | 227844   | 51.432  | nq    | 96       |
| 63) Azobenzene                 | 16.03 | 77   | 644356   | 43.945  | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 162841   | 50.384  | nq    | 83       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 775507   | 43.454  | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 336903   | 41.744  | nq    | 96       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 345391   | 40.907  | nq    | # 92     |
| 69) Atrazine                   | 16.90 | 200  | 319289   | 45.534  | nq    | 99       |
| 70) Pentachlorophenol          | 17.10 | 266  | 448209   | 93.446  | nq    | 98       |
| 71) Phenanthrene               | 17.50 | 178  | 1326211  | 42.229  | nq    | 97       |
| 72) Anthracene                 | 17.59 | 178  | 1378944  | 44.026  | nq    | 97       |
| 73) Carbazole                  | 17.85 | 167  | 1269108  | 45.145  | nq    | 97       |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 1359563  | 42.659  | nq    | 96       |
| 75) Fluoranthene               | 19.51 | 202  | 1595510  | 41.797  | nq    | 93       |
| 77) Benzidine                  | 19.68 | 184  | 640377   | 28.665  | nq    | 98       |
| 78) Pyrene                     | 19.87 | 202  | 1632133  | 40.248  | nq    | 96       |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 669421   | 43.056  | nq    | 90       |
| 81) Benzo(a)anthracene         | 21.72 | 228  | 1665387  | 41.126  | nq    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.63 | 252  | 419303   | 25.790  | nq    | 97       |
| 83) Chrysene                   | 21.79 | 228  | 1615906  | 41.629  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 955511   | 44.553  | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.87 | 149  | 1644332  | 45.557  | nq    | # 92     |
| 86) Indeno(1,2,3-cd)pyrene     | 28.76 | 276  | 2196043  | 42.737  | nq    | # 88     |
| 88) Benzo(b)fluoranthene       | 23.97 | 252  | 1832623  | 41.659  | nq    | # 97     |
| 89) Benzo(k)fluoranthene       | 24.04 | 252  | 1790963  | 41.794  | nq    | # 97     |
| 90) Benzo(a)pyrene             | 24.86 | 252  | 1813756  | 42.989  | nq    | # 96     |
| 91) Dibenzo(a,h)anthracene     | 28.83 | 278  | 1816157  | 43.839  | nq    | # 95     |
| 92) Benzo(g,h,i)perylene       | 29.94 | 276  | 1805931  | 43.633  | nq    | # 94     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

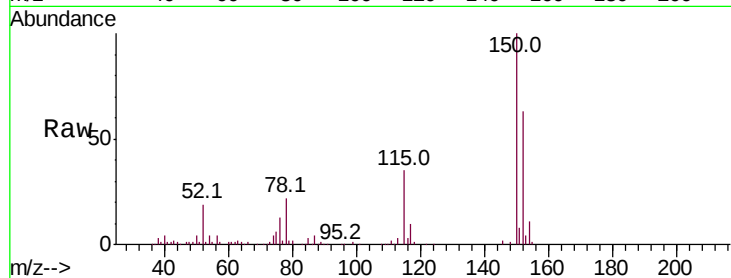
Tot Ion:152 Resp: 81070

Ion Ratio Lower Upper

152 100

150 158.6 126.9 190.3

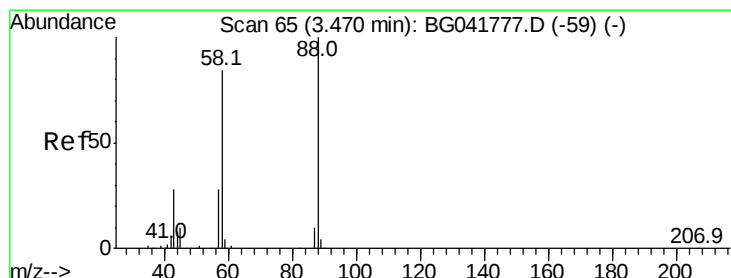
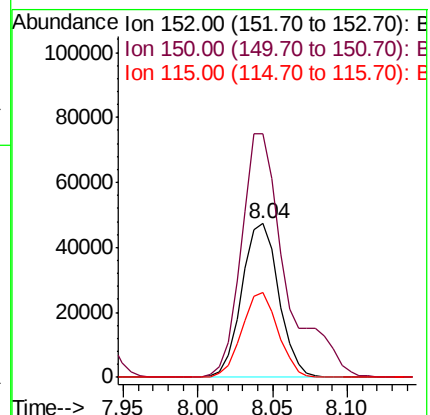
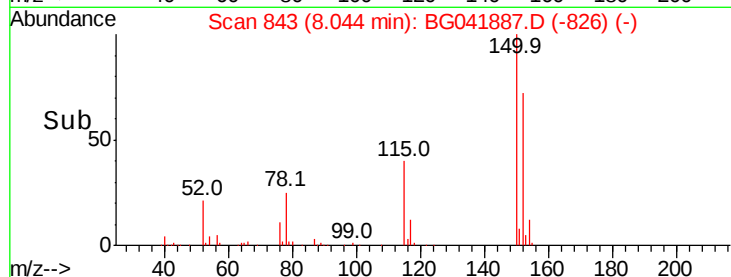
115 55.3 45.0 67.6



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: 27.879 ng

RT: 3.46 min Scan# 63

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

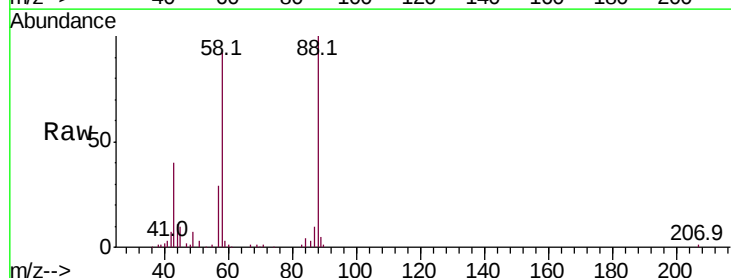
Tgt Ion: 88 Resp: 54676

Ion Ratio Lower Upper

88 100

58 87.9 76.2 114.2

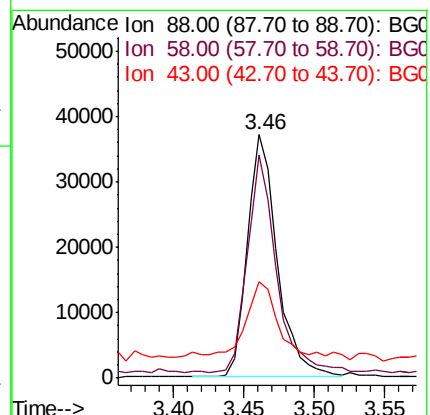
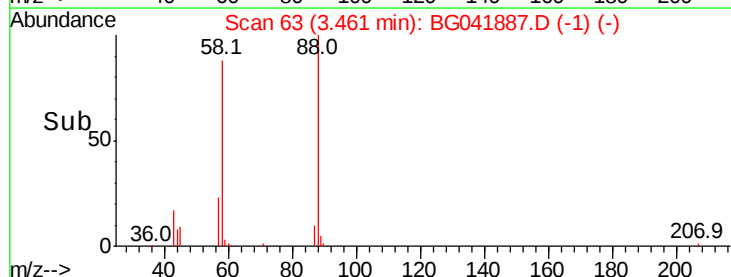
43 36.2 27.2 40.8

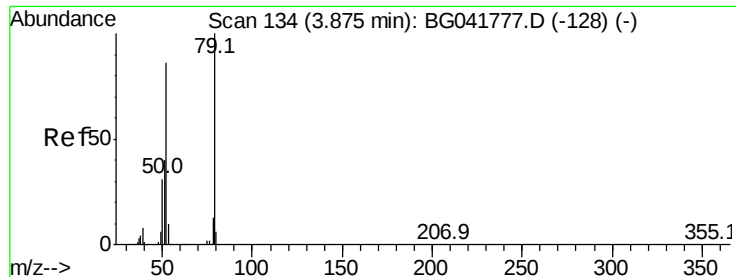


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.211 ng

RT: 3.87 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

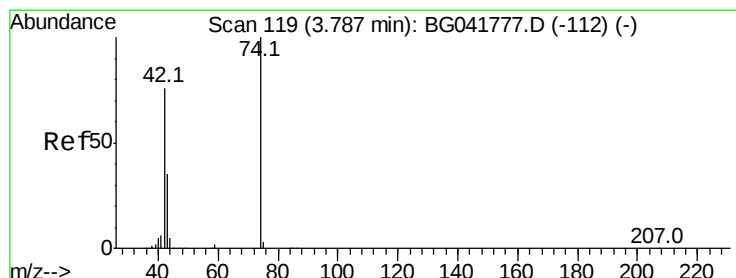
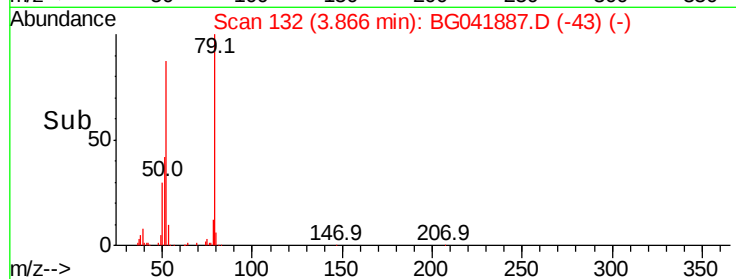
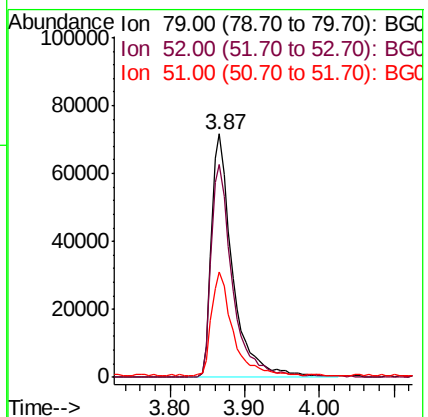
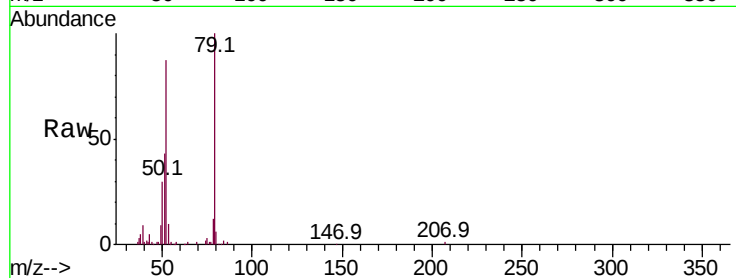
Tot Ion: 79 Resp: 140966

Ion Ratio Lower Upper

79 100

52 87.3 77.1 115.7

51 43.0 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 39.207 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

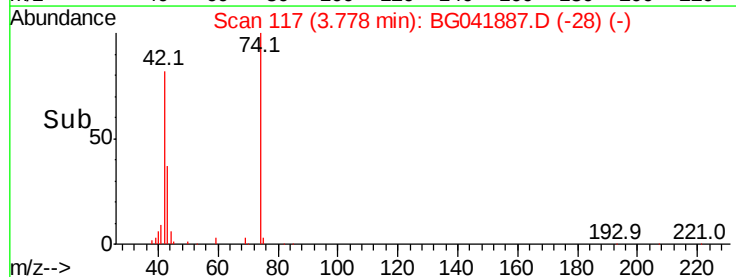
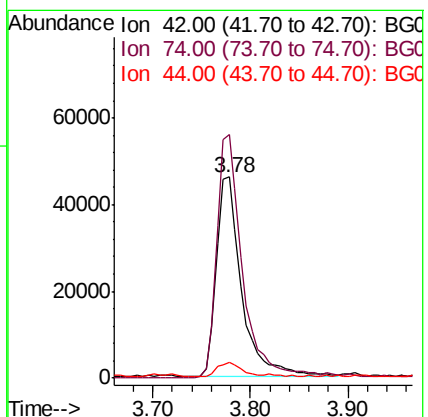
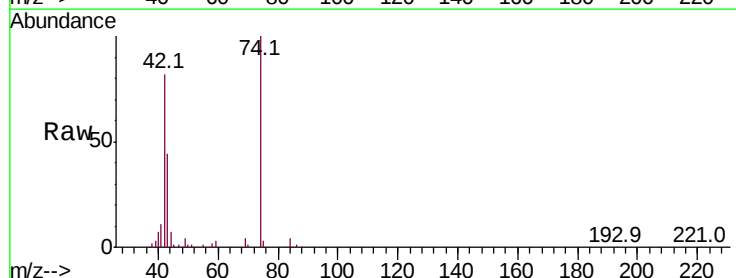
Tgt Ion: 42 Resp: 83589

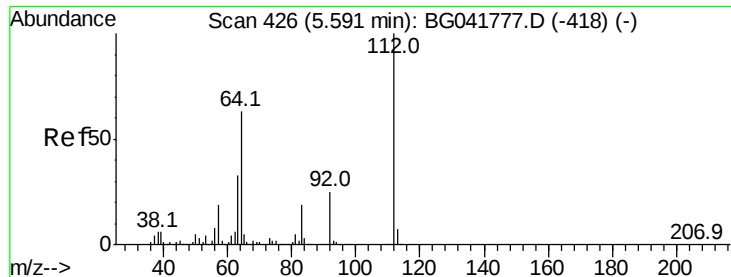
Ion Ratio Lower Upper

42 100

74 121.3 97.4 146.2

44 8.1 6.6 9.8





#5

2-Fluorophenol

Concen: 130.803 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

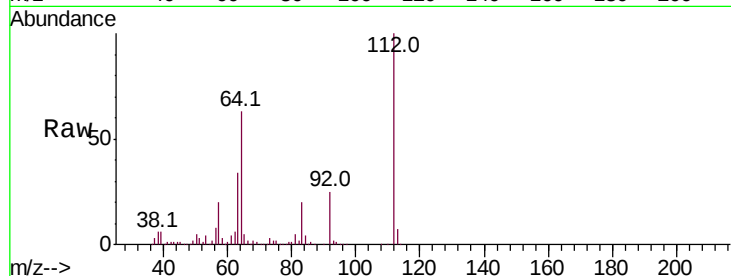
Tot Ion:112 Resp: 545028

Ion Ratio Lower Upper

112 100

64 63.0 55.4 83.2

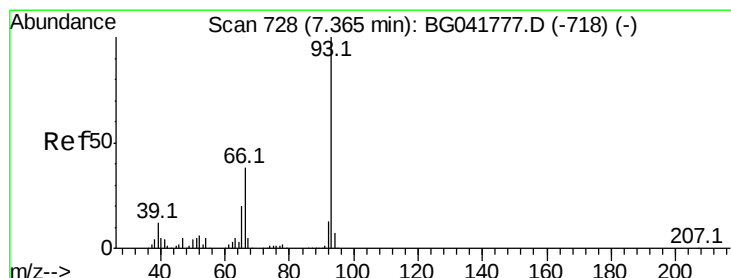
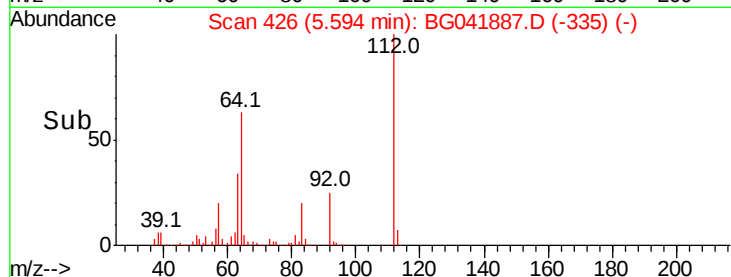
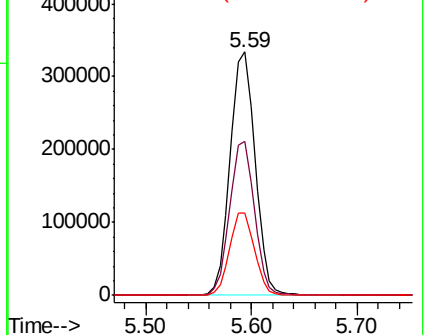
63 34.1 29.1 43.7



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: 30.430 ng

RT: 7.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

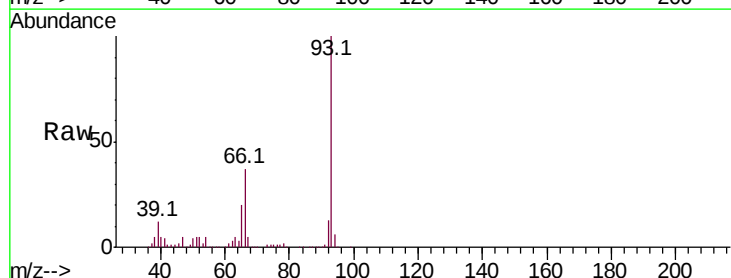
Tgt Ion: 93 Resp: 240704

Ion Ratio Lower Upper

93 100

66 37.4 34.2 51.2

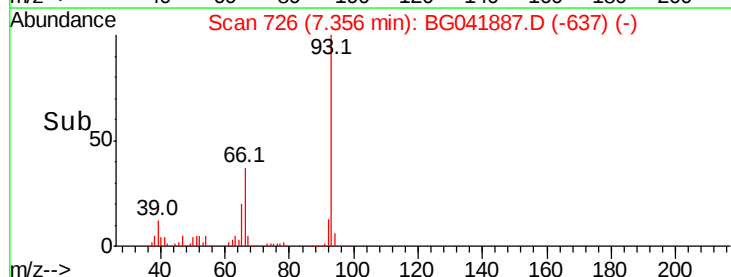
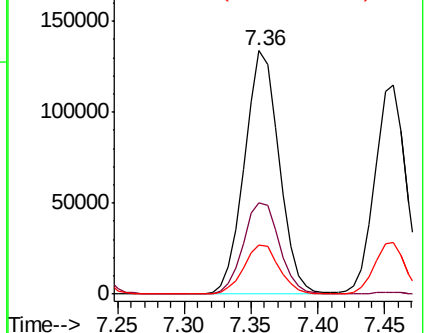
65 20.3 18.2 27.2

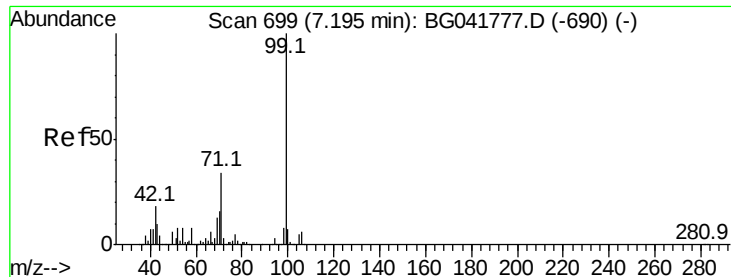


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.005 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampled :

T-1MS

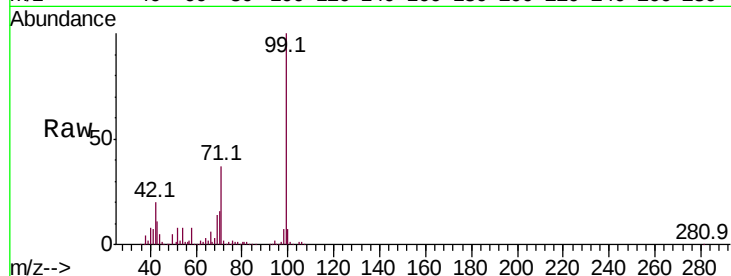
Tot Ion: 99 Resp: 764010

Ion Ratio Lower Upper

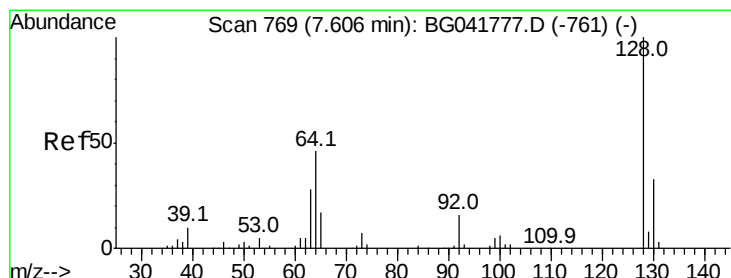
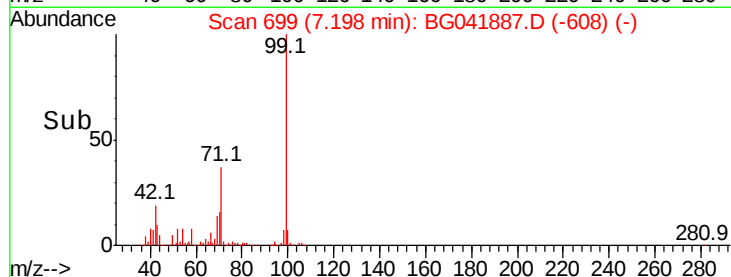
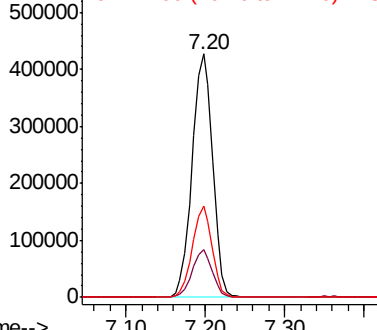
99 100

42 19.5 17.6 26.4

71 37.5 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.353 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

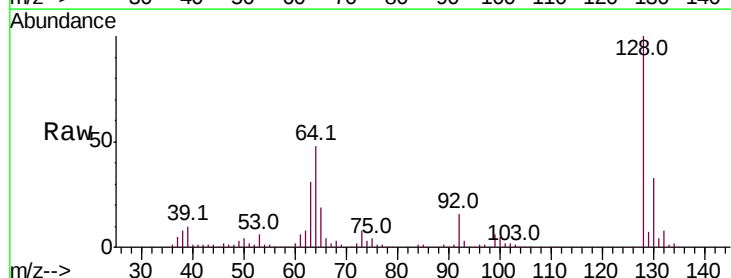
Tgt Ion: 128 Resp: 221165

Ion Ratio Lower Upper

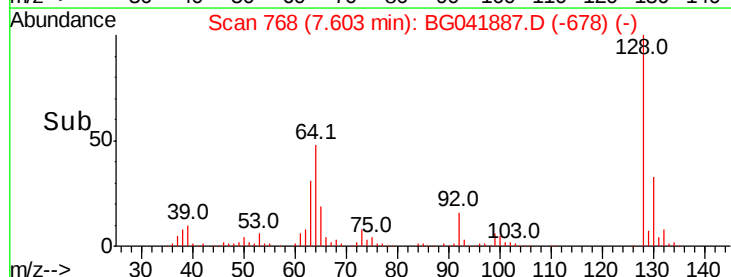
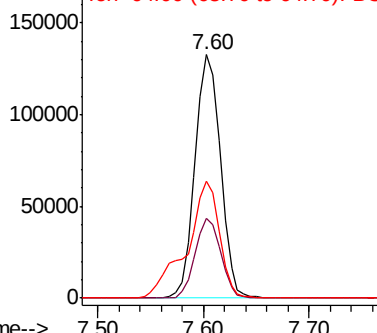
128 100

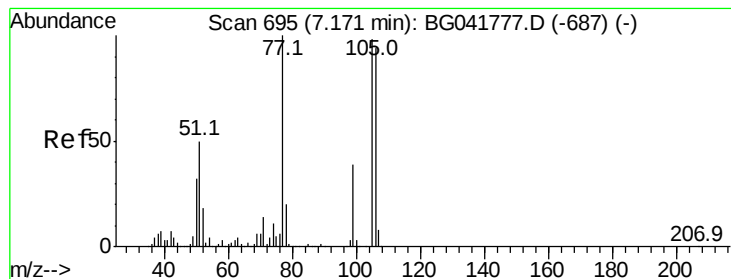
130 32.9 12.4 52.4

64 48.0 34.9 74.9



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.515 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

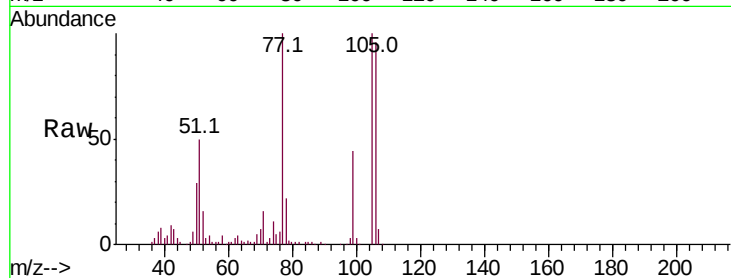
Tot Ion: 77 Resp: 112712

Ion Ratio Lower Upper

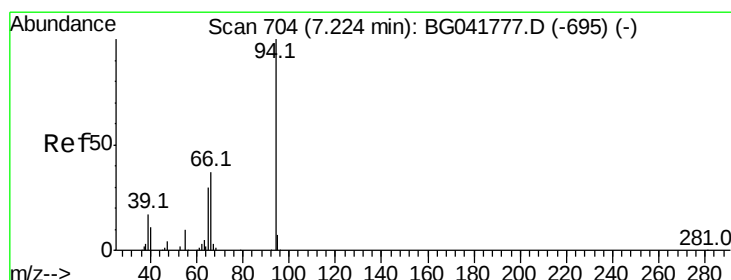
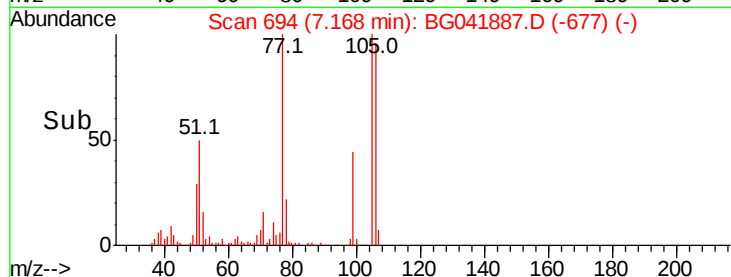
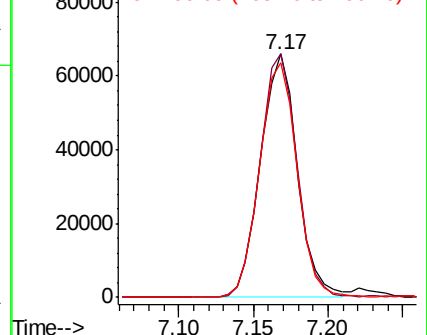
77 100

105 100.0 74.6 114.6

106 96.2 71.1 111.1



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: 46.280 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

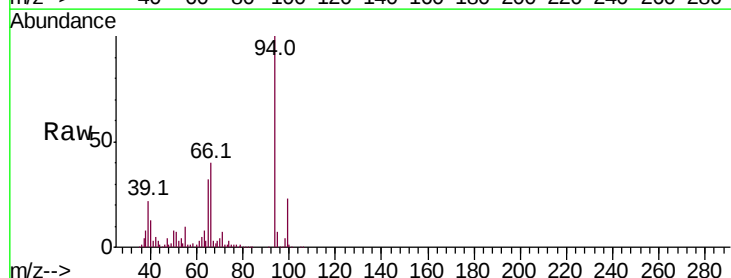
Tgt Ion: 94 Resp: 270465

Ion Ratio Lower Upper

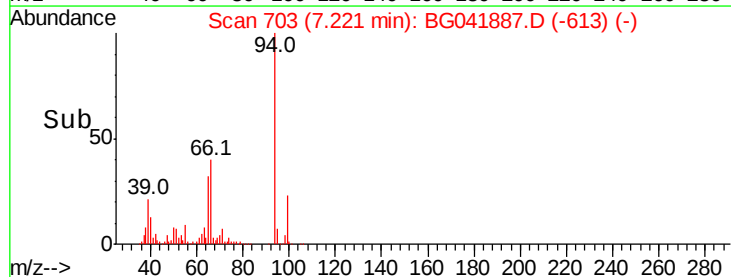
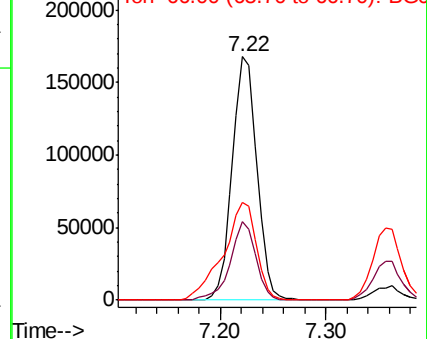
94 100

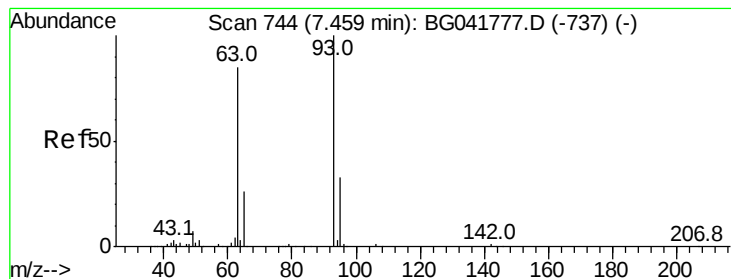
65 32.1 10.6 50.6

66 40.3 18.2 58.2



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: 38.860 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

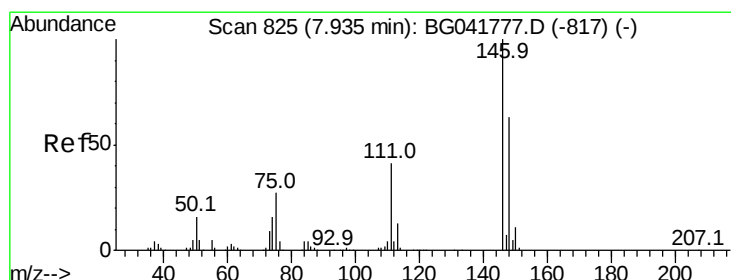
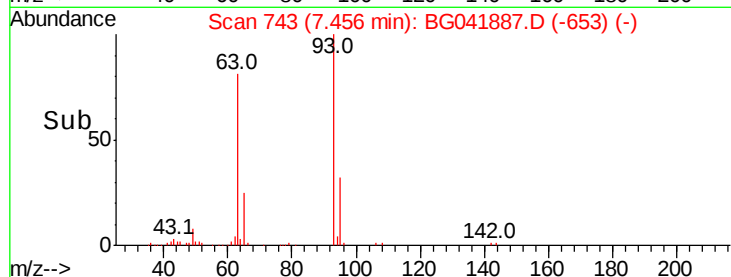
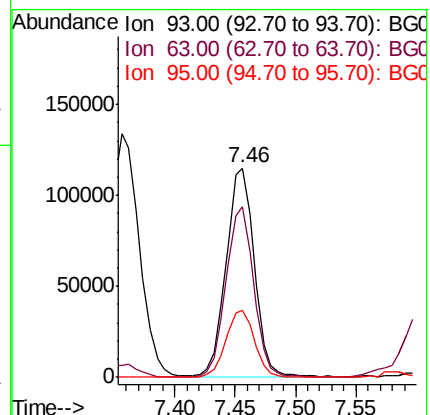
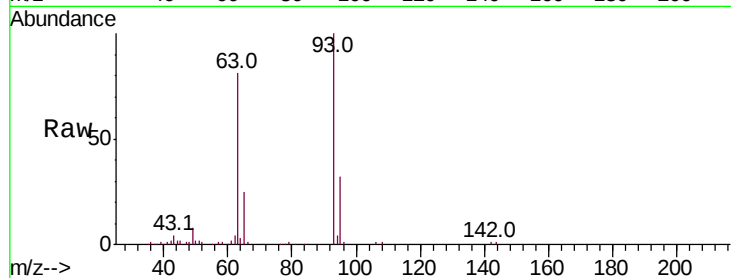
Tot Ion: 93 Resp: 186704

Ion Ratio Lower Upper

93 100

63 81.3 70.4 110.4

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.124 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

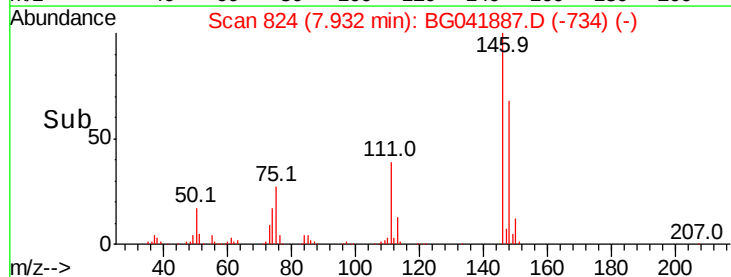
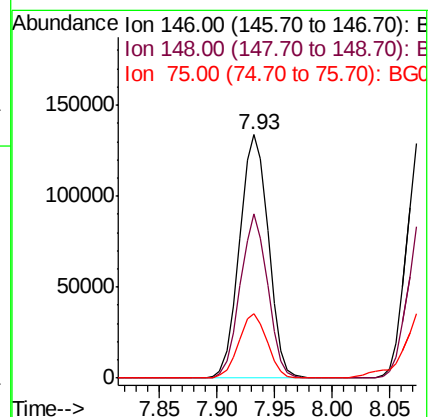
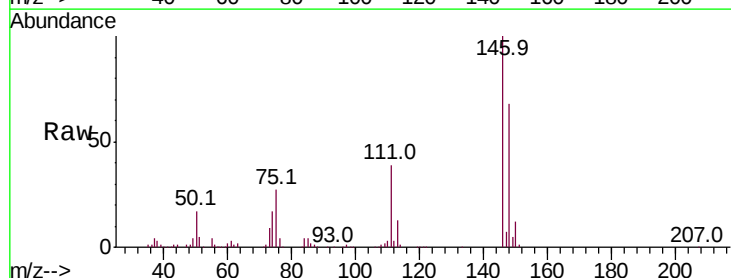
Tgt Ion: 146 Resp: 231184

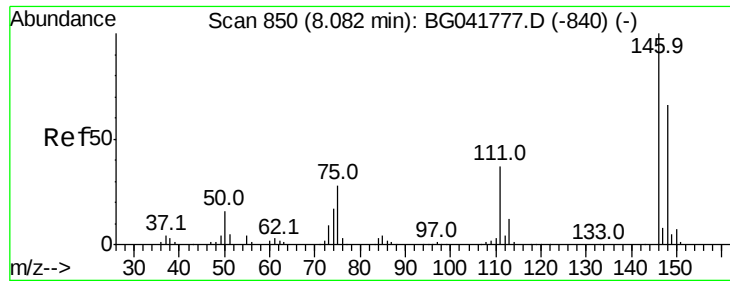
Ion Ratio Lower Upper

146 100

148 67.6 51.5 77.3

75 26.6 23.2 34.8

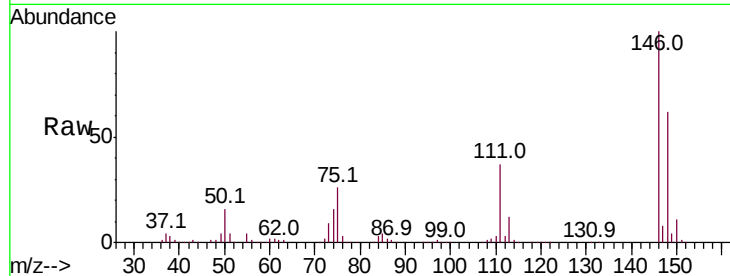




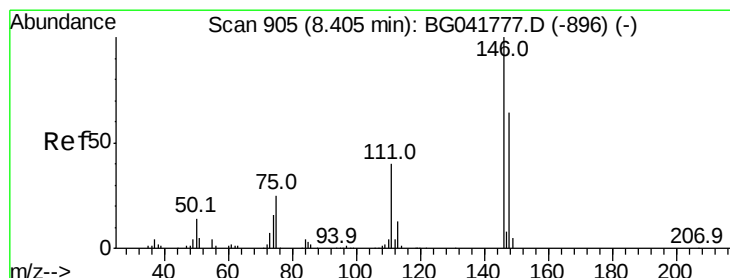
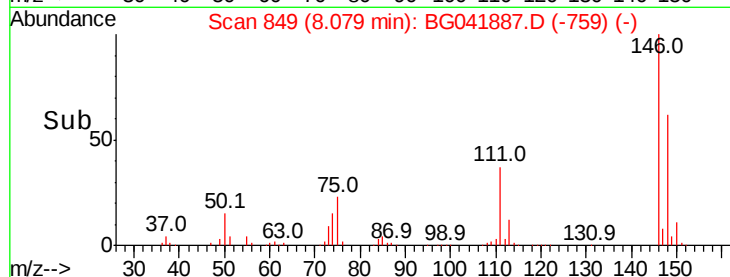
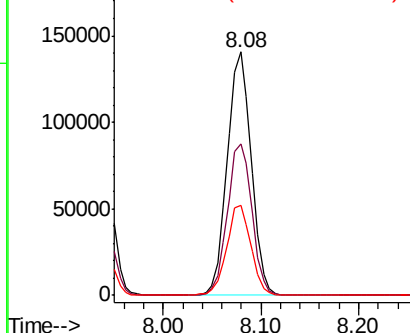
#13  
 1,4-Dichlorobenzene  
 Concen: 38.374 ng  
 RT: 8.08 min Scan# 849  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.2  | 52.6  | 79.0  |
| 111     | 36.7  | 32.5  | 48.7  |

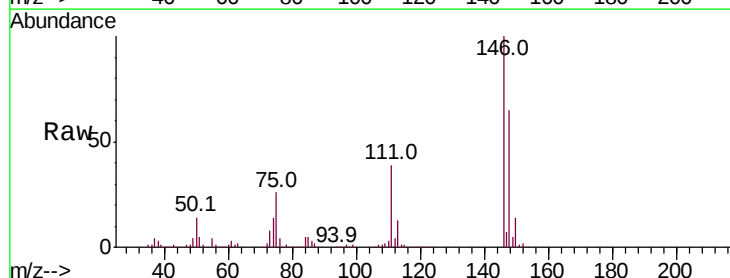


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

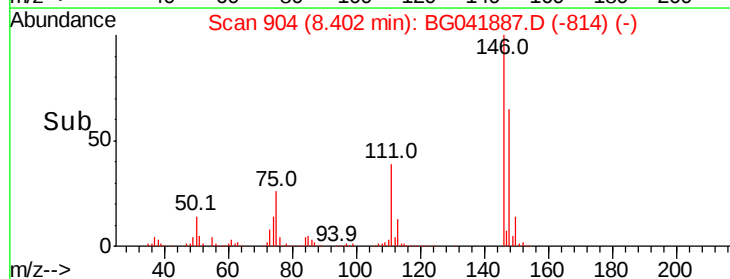
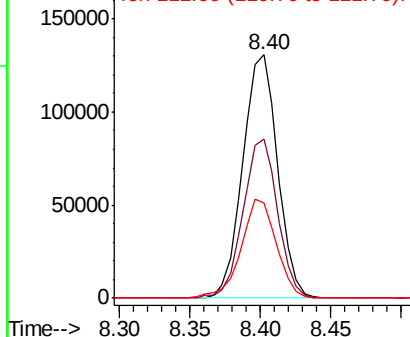


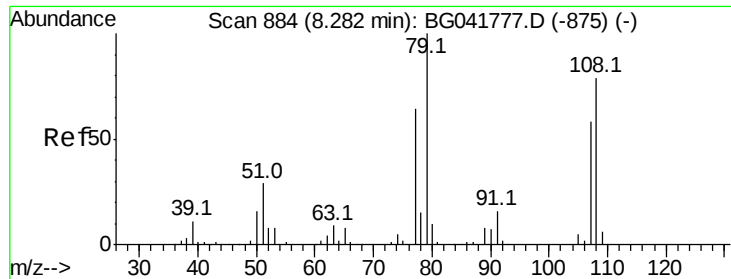
#14  
 1,2-Dichlorobenzene  
 Concen: 38.030 ng  
 RT: 8.40 min Scan# 904  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 53.5  | 80.3  |
| 111     | 39.3  | 35.4  | 53.0  |



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





#15

Benzyl Alcohol

Concen: 44.501 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleID :

T-1MS

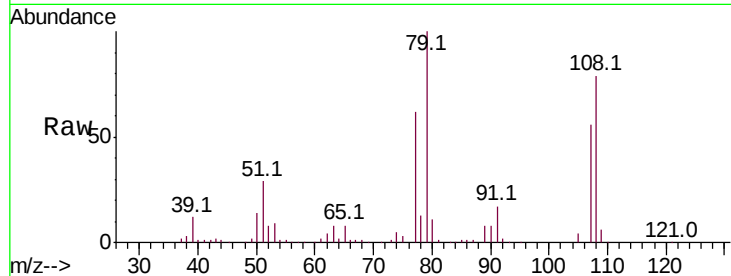
Tot Ion: 79 Resp: 196669

Ion Ratio Lower Upper

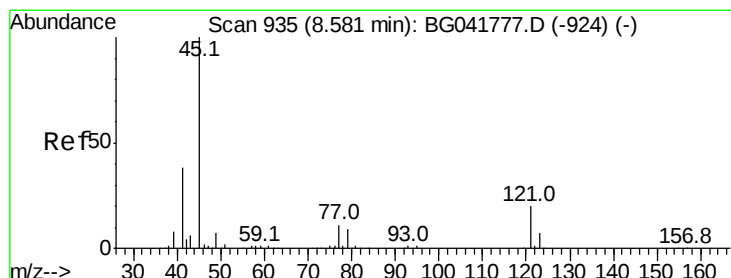
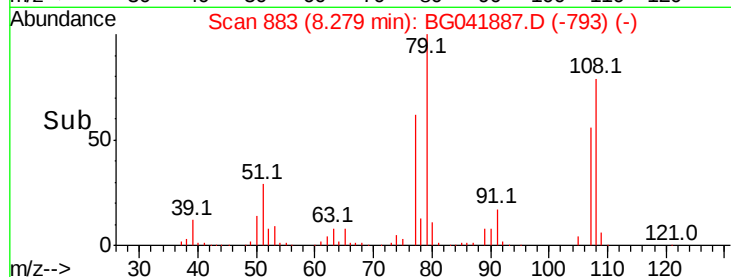
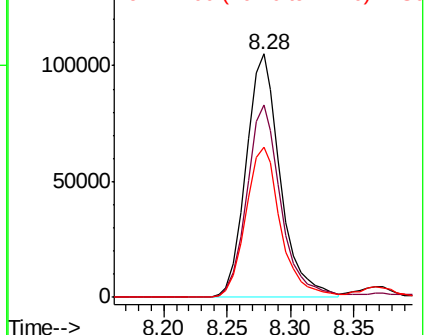
79 100

108 78.8 60.5 90.7

77 61.7 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.124 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

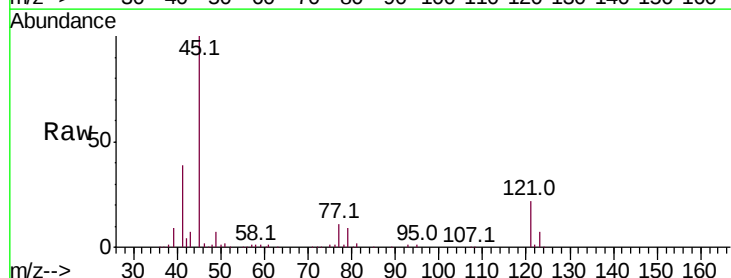
Tgt Ion: 45 Resp: 308774

Ion Ratio Lower Upper

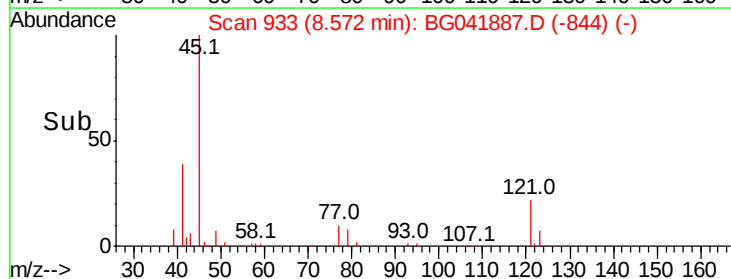
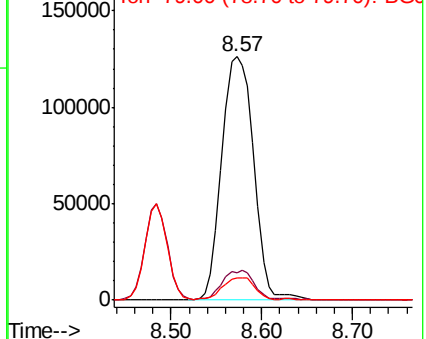
45 100

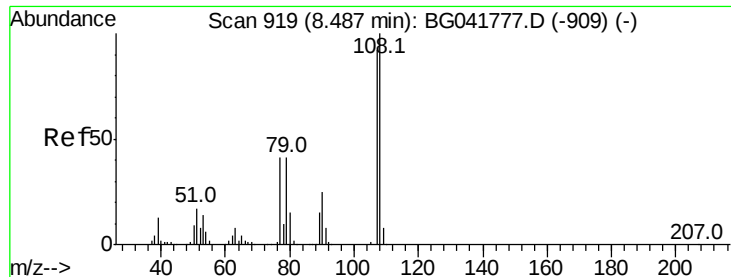
77 11.1 0.0 30.4

79 9.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.708 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

Tot Ion:107 Resp: 190019

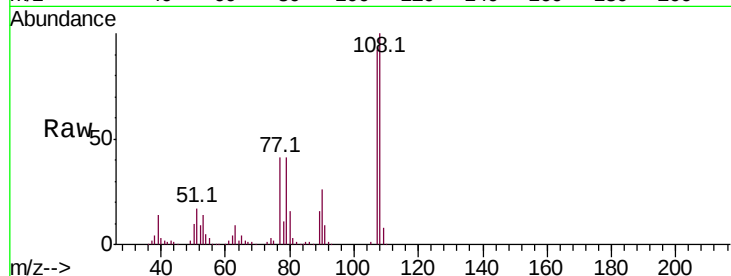
Ion Ratio Lower Upper

107 100

108 108.4 87.6 131.4

77 44.8 36.1 54.1

79 44.8 36.4 54.6

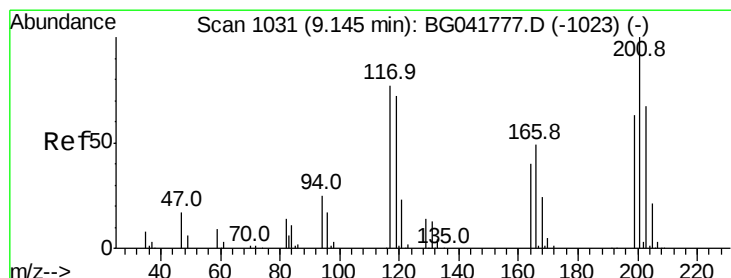
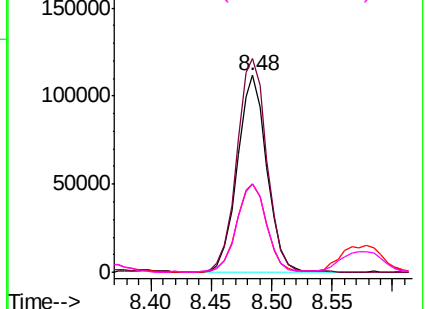
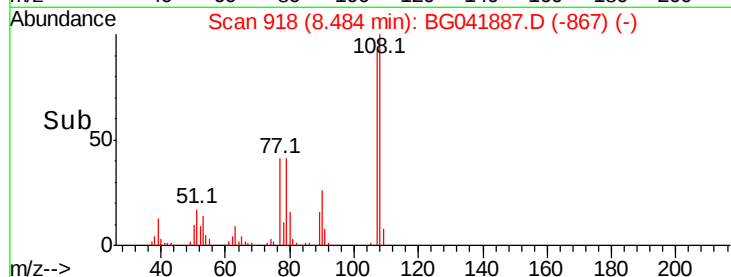


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.469 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

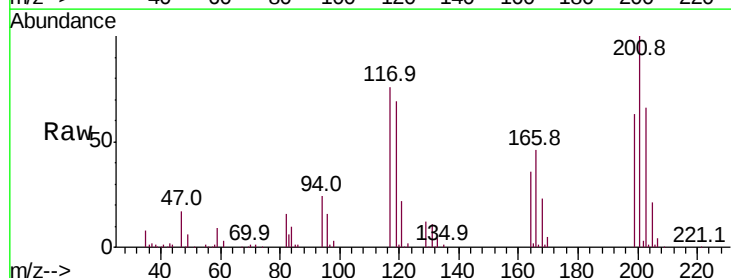
Tgt Ion:117 Resp: 79953

Ion Ratio Lower Upper

117 100

119 91.1 76.2 114.2

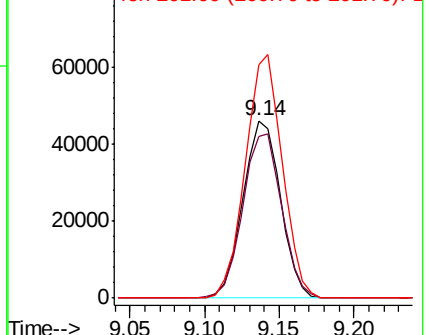
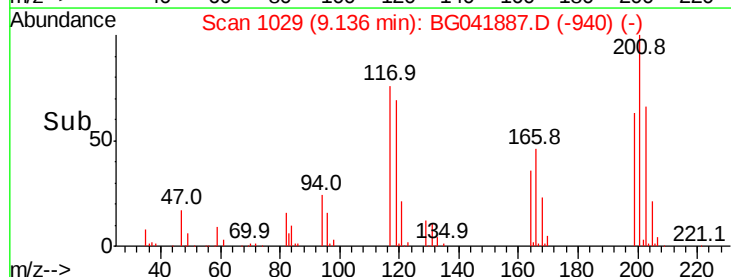
201 131.8 94.1 141.1

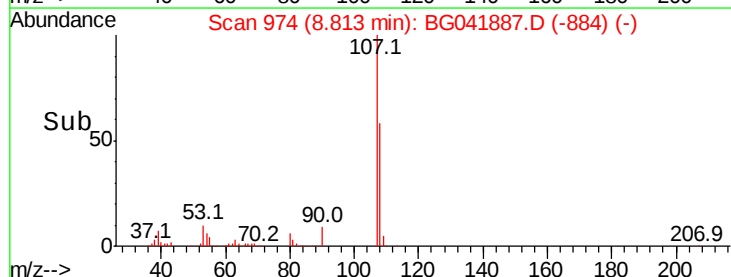
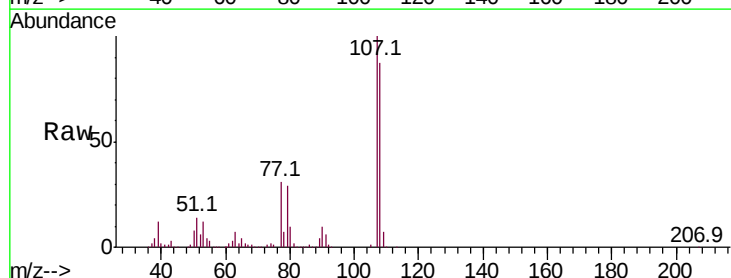
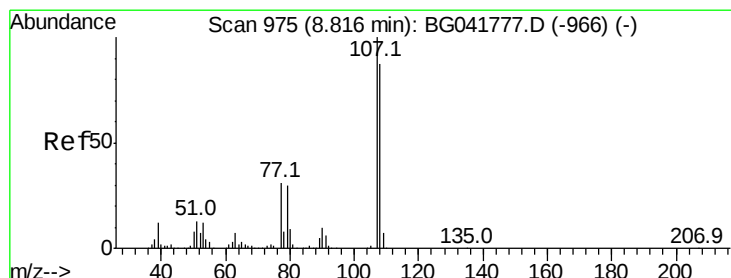
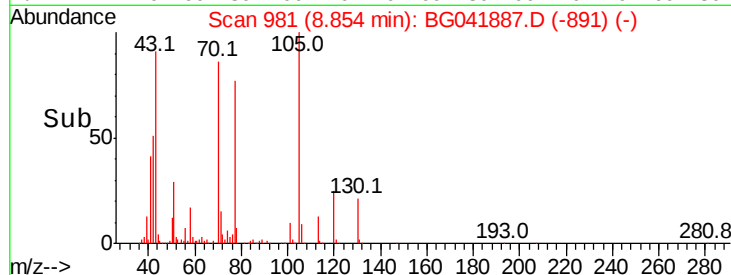
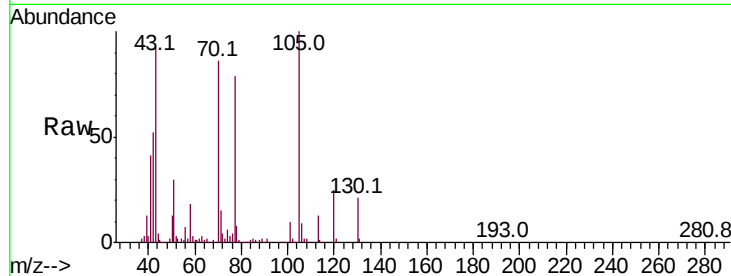
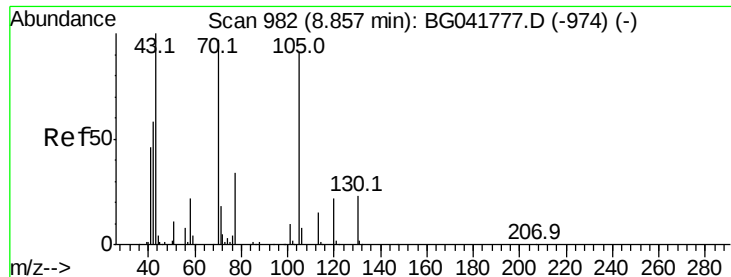


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

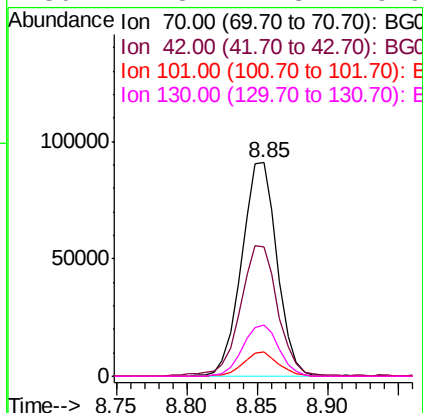




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.206 ng  
RT: 8.85 min Scan# 981  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

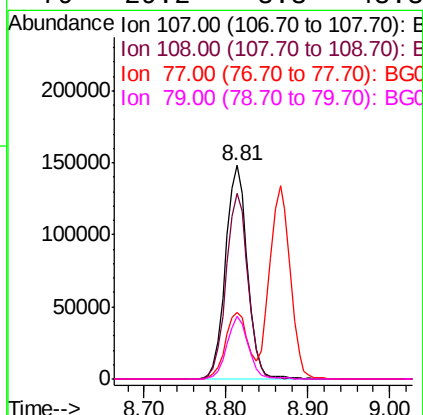
Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

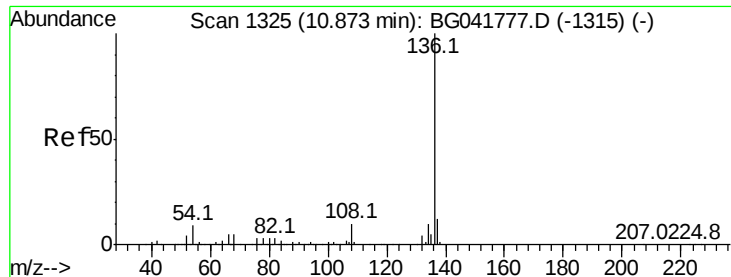
Tot Ion: 70 Resp: 159896  
Ion Ratio Lower Upper  
70 100  
42 60.3 55.8 83.6  
101 11.2 8.1 12.1  
130 24.3 17.3 25.9



#20  
3+4-Methylphenols  
Concen: 47.351 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

Tgt Ion:107 Resp: 275402  
Ion Ratio Lower Upper  
107 100  
108 86.7 67.5 107.5  
77 31.2 12.3 52.3  
79 29.2 8.3 48.3

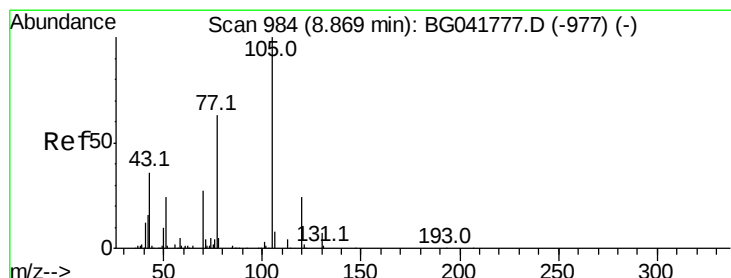
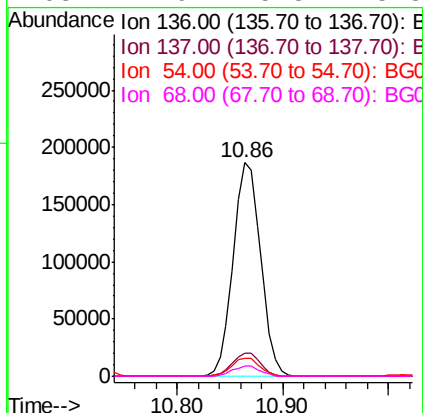
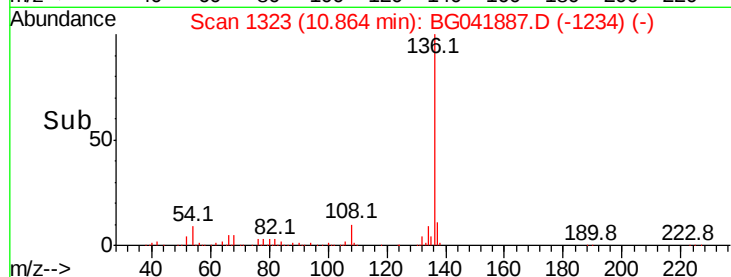
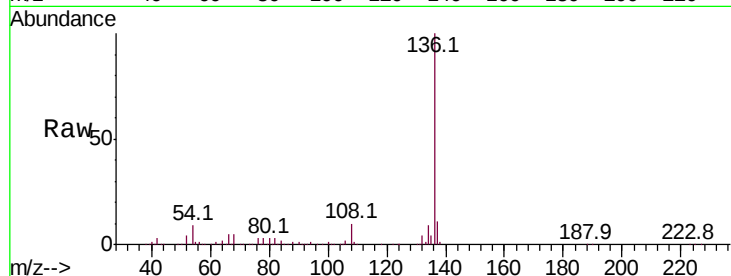




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

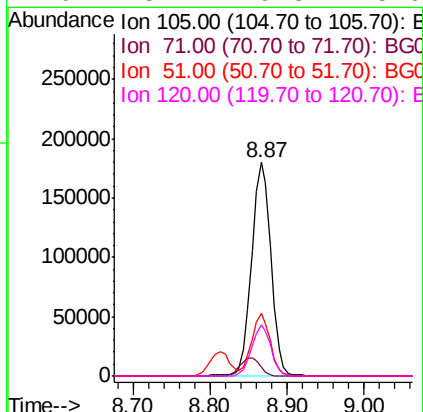
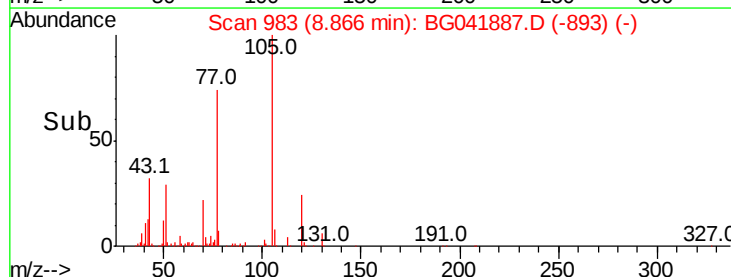
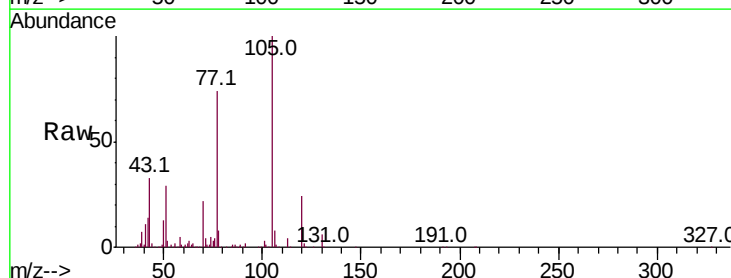
Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

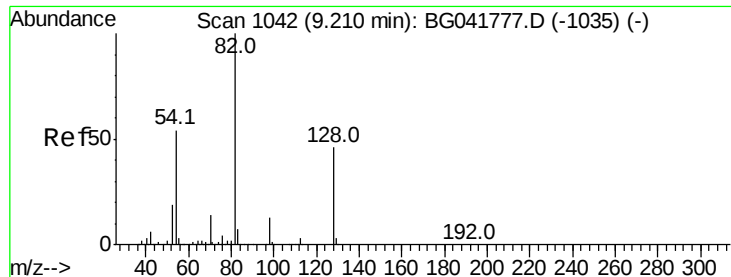
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 334855    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 10.8  | 9.2 13.8  |
| 54          | 8.5   | 8.7 13.1# |
| 68          | 4.9   | 5.5 8.3#  |



#22  
Acetophenone  
Concen: 42.519 ng  
RT: 8.87 min Scan# 983  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 318462    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 4.0   | 5.9 8.9#  |
| 51          | 29.2  | 27.7 41.5 |
| 120         | 23.7  | 19.3 28.9 |

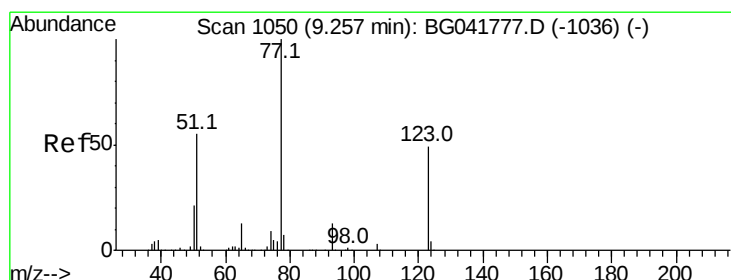
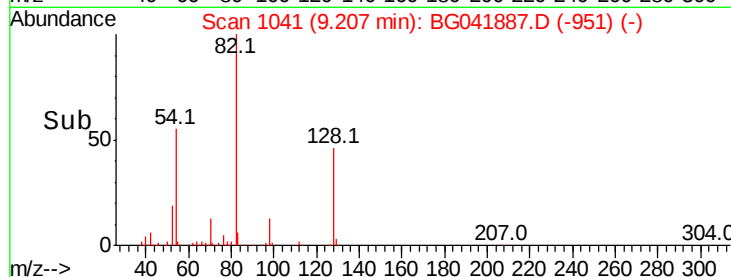
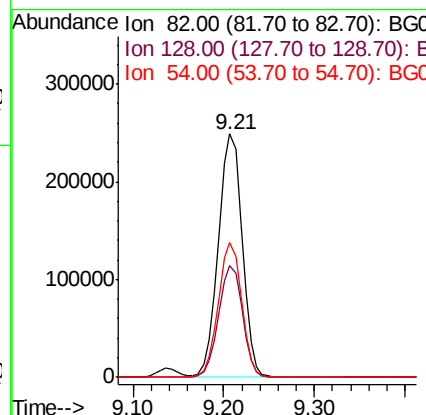
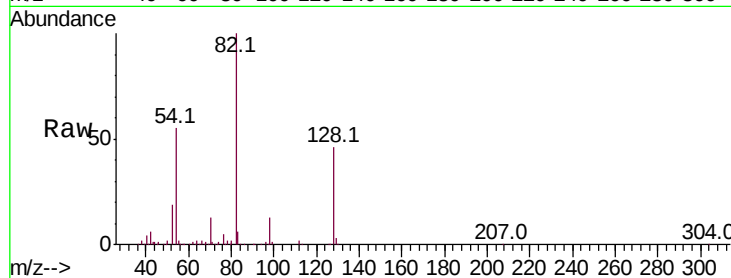




#23  
 Nitrobenzene-d5  
 Concen: 93.447 ng  
 RT: 9.21 min Scan# 1041  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

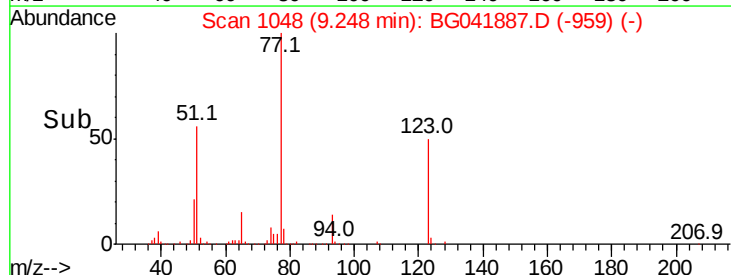
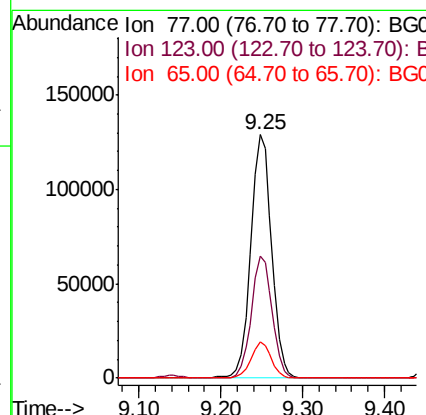
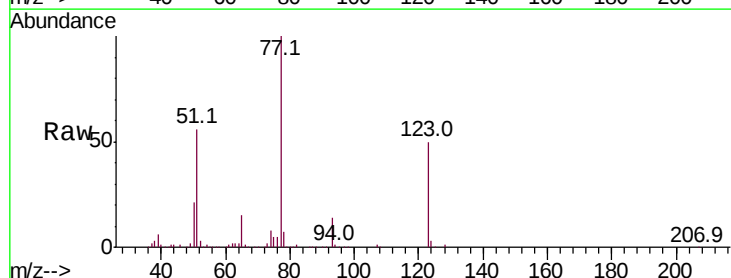
Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

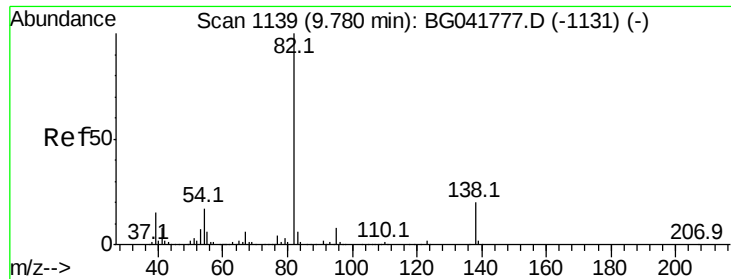
Tot Ion: 82 Resp: 454708  
 Ion Ratio Lower Upper  
 82 100  
 128 46.1 35.1 52.7  
 54 55.4 48.7 73.1



#24  
 Nitrobenzene  
 Concen: 44.583 ng  
 RT: 9.25 min Scan# 1048  
 Delta R.T. -0.01 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

Tgt Ion: 77 Resp: 228543  
 Ion Ratio Lower Upper  
 77 100  
 123 50.2 38.1 57.1  
 65 14.9 11.0 16.6

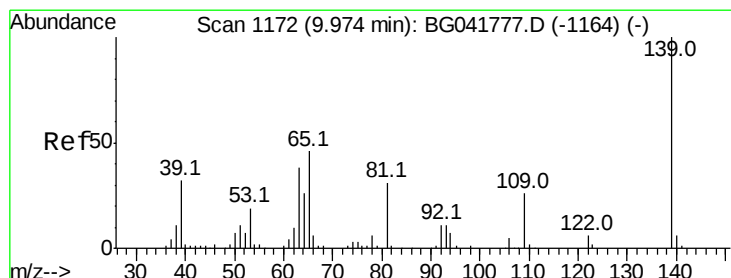
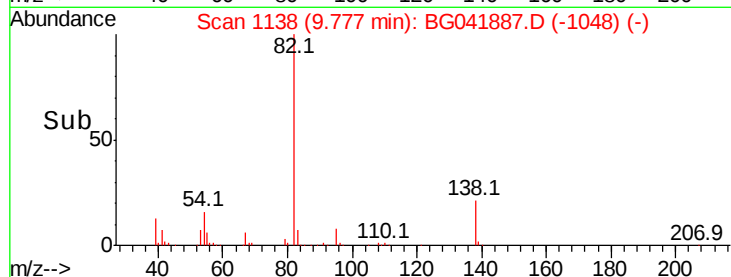
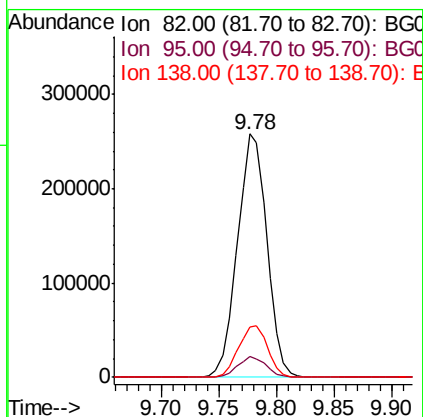
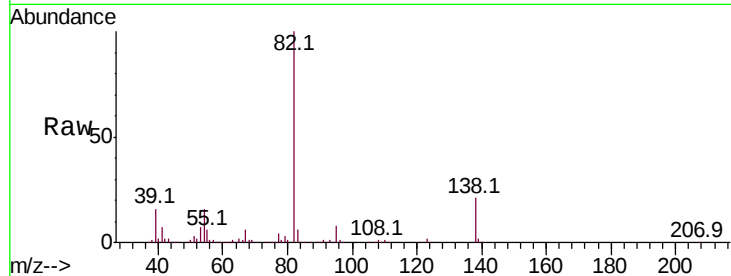




#25  
Isophorone  
Concen: 43.072 ng  
RT: 9.78 min Scan# 1138  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

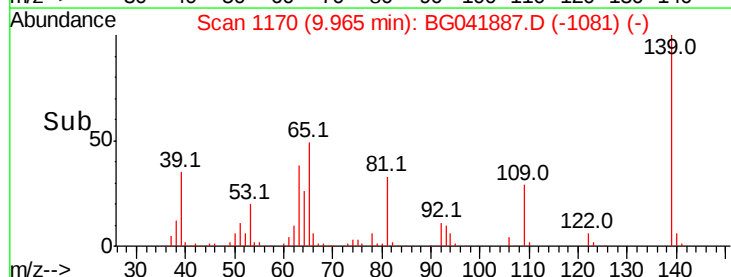
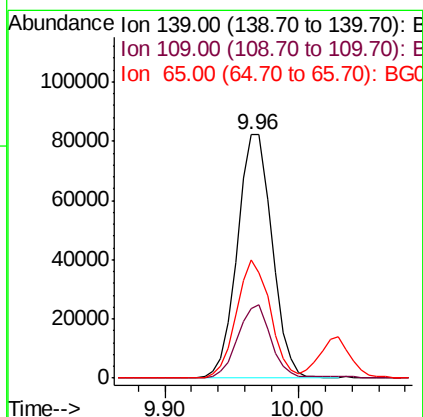
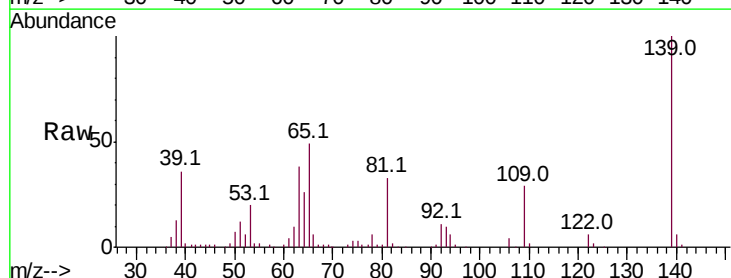
Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

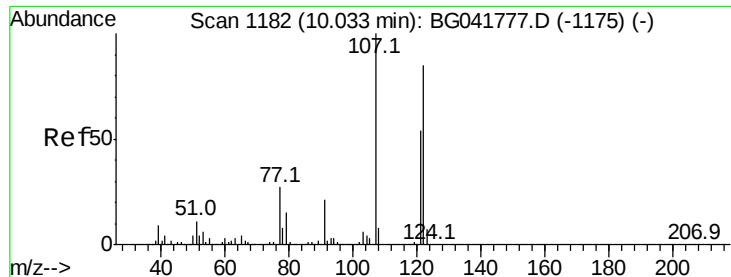
Tot Ion: 82 Resp: 455921  
Ion Ratio Lower Upper  
82 100  
95 8.3 5.9 8.9  
138 20.6 16.3 24.5



#26  
2-Nitrophenol  
Concen: 62.244 ng  
RT: 9.96 min Scan# 1170  
Delta R.T. -0.01 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

Tgt Ion:139 Resp: 148088  
Ion Ratio Lower Upper  
139 100  
109 28.7 22.7 34.1  
65 48.6 41.1 61.7

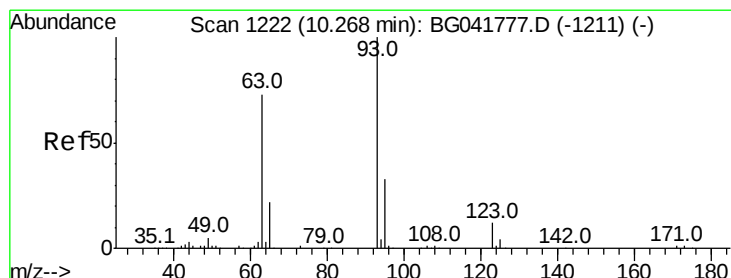
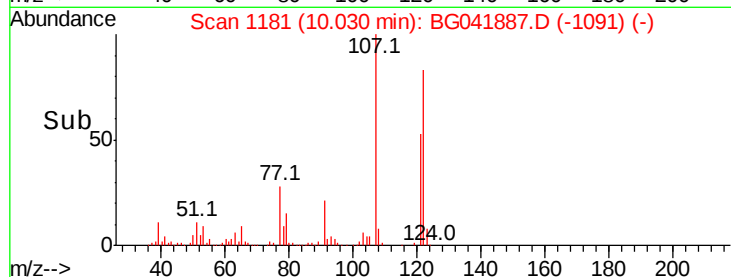
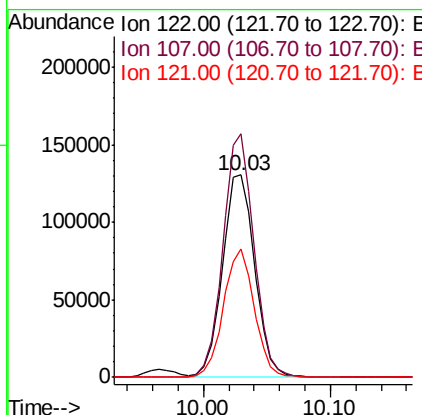
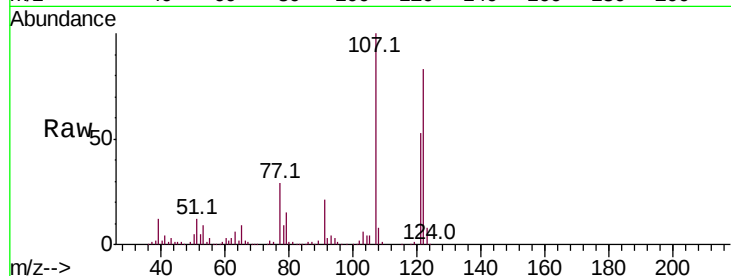




#27  
 2,4-Dimethylphenol  
 Concen: 54.464 ng  
 RT: 10.03 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

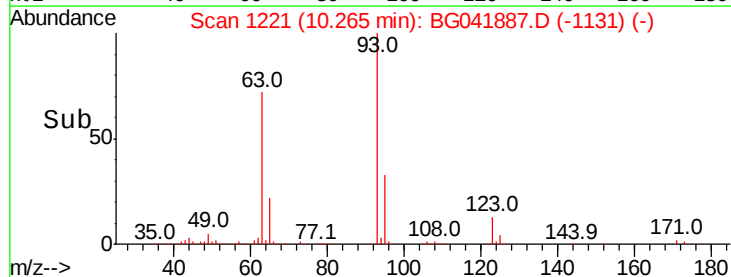
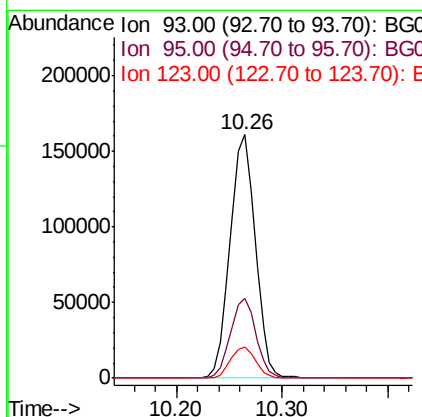
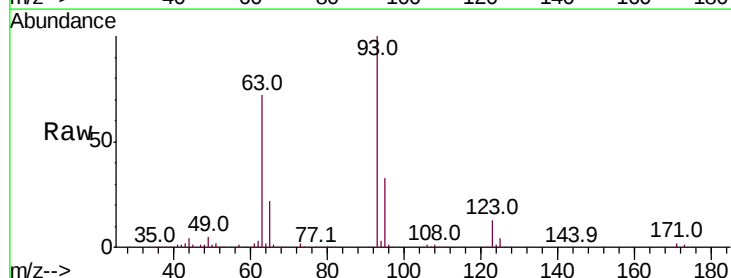
Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

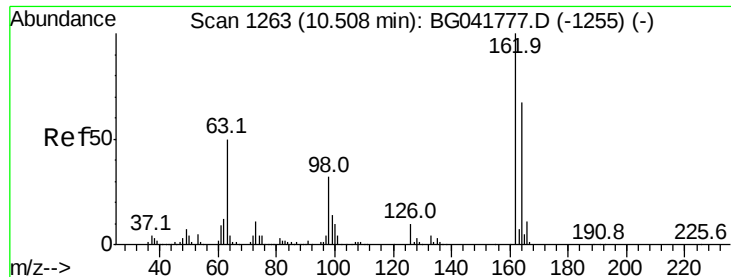
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 120.2 | 91.3  | 136.9 |
| 121     | 63.2  | 49.2  | 73.8  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.212 ng  
 RT: 10.26 min Scan# 1221  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 26.2  | 39.4  |
| 123     | 12.5  | 9.9   | 14.9  |

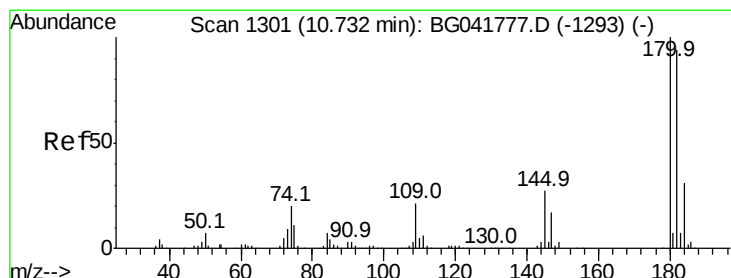
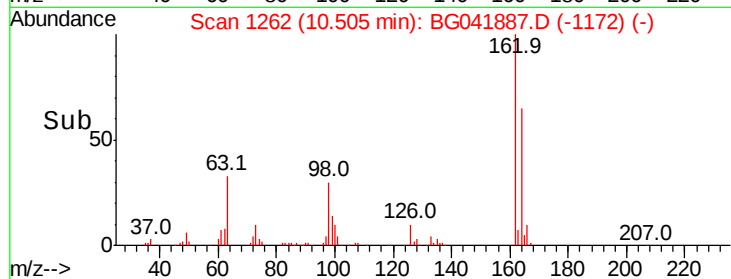
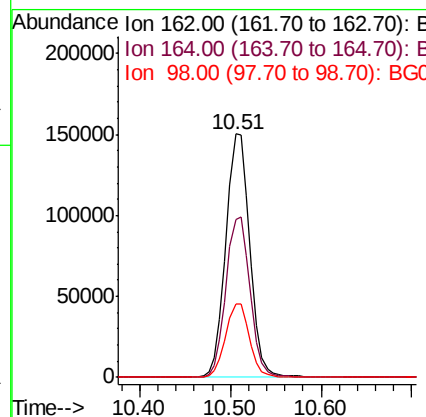
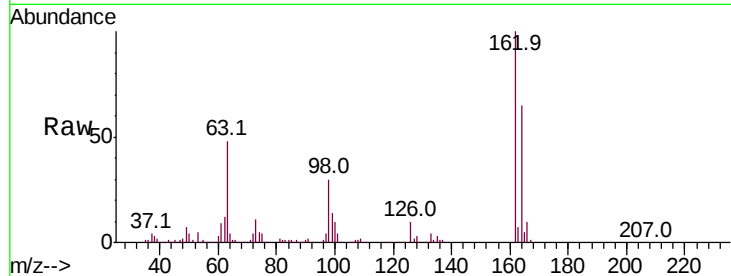




#29  
 2,4-Dichlorophenol  
 Concen: 54.072 ng  
 RT: 10.51 min Scan# 1262  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

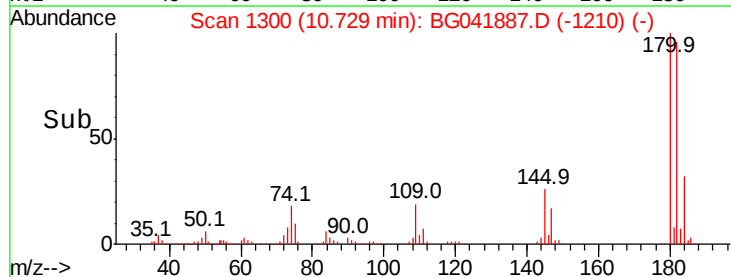
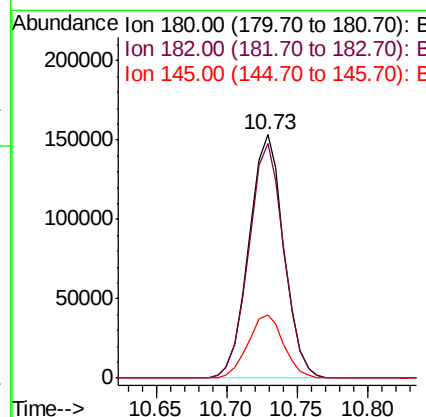
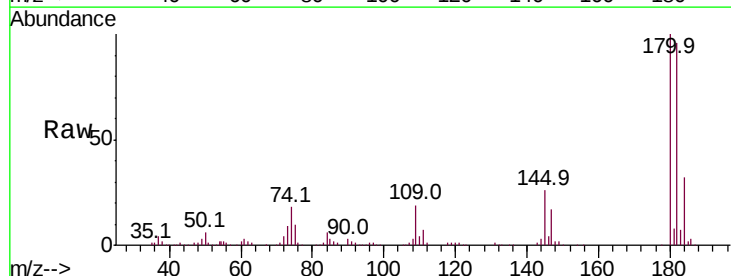
Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

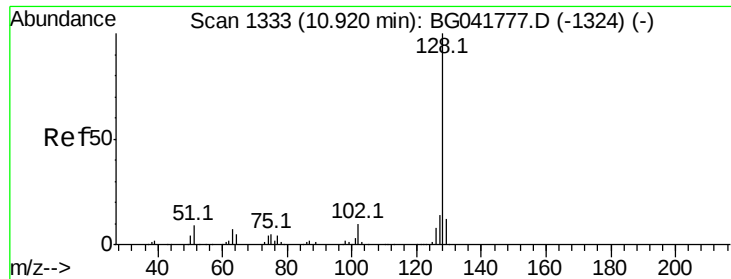
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 46.1  | 86.1  |
| 98      | 30.1  | 14.7  | 54.7  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.899 ng  
 RT: 10.73 min Scan# 1300  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.3  | 76.2  | 114.2 |
| 145     | 25.7  | 23.8  | 35.8  |

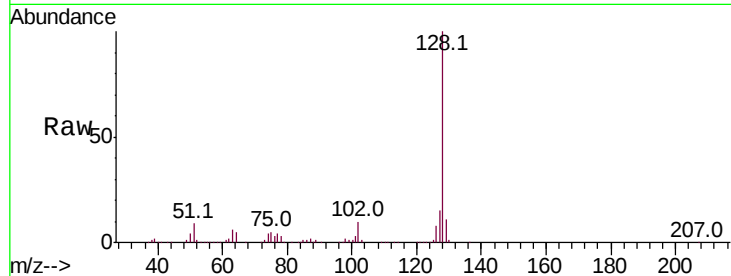




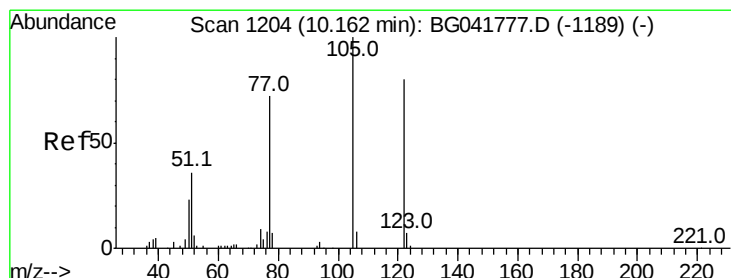
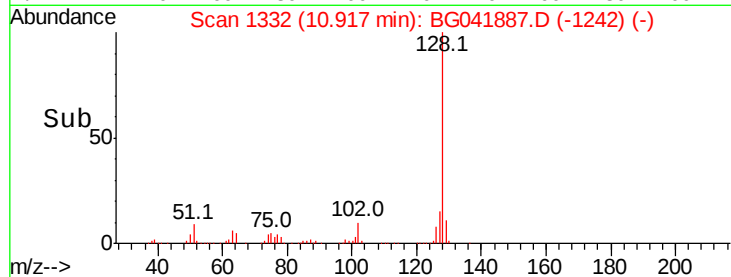
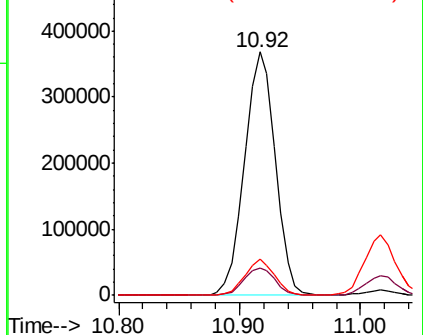
#31  
Naphthalene  
Concen: 42.699 ng  
RT: 10.92 min Scan# 1332  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 10.0  | 15.0  |
| 127     | 14.8  | 12.3  | 18.5  |

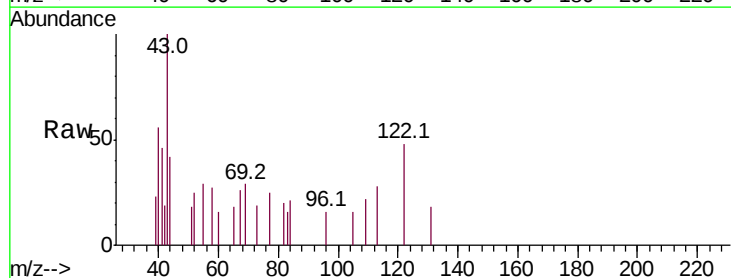


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

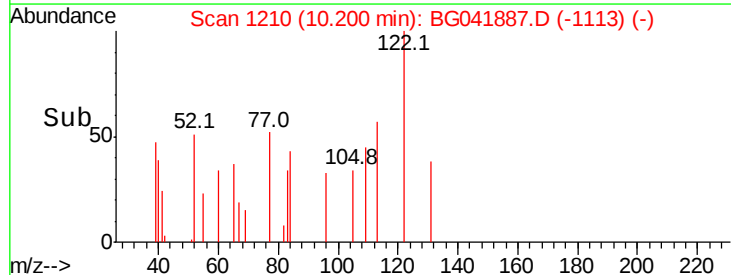
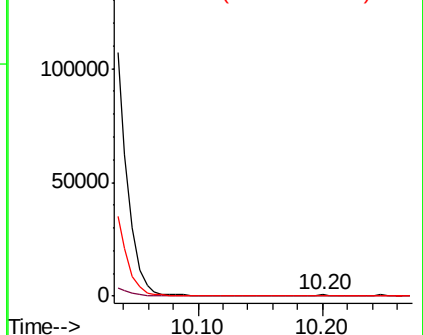


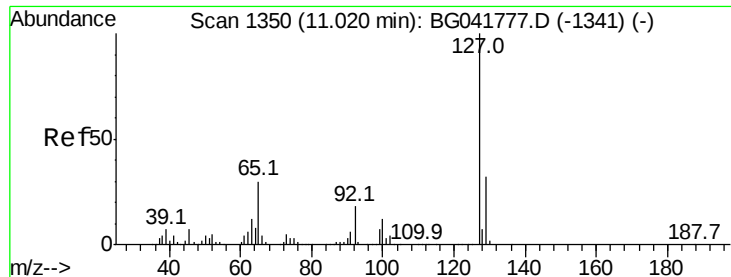
#32  
Benzoic acid  
Concen: 9.247 ng m  
RT: 10.20 min Scan# 1210  
Delta R.T. 0.04 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 33.8  | 101.5 | 141.5# |
| 77      | 51.7  | 73.0  | 113.0# |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BGO

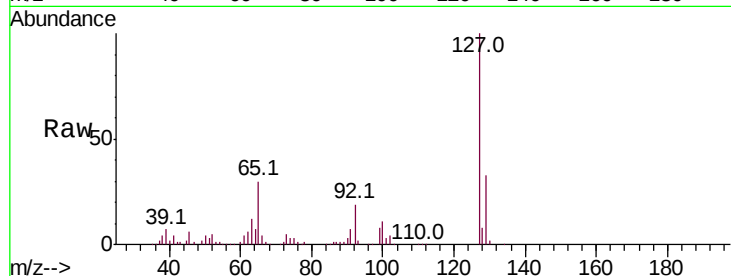




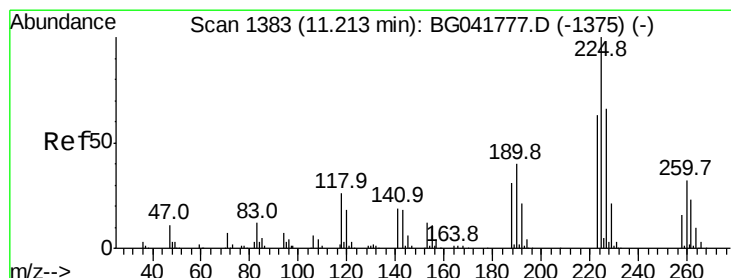
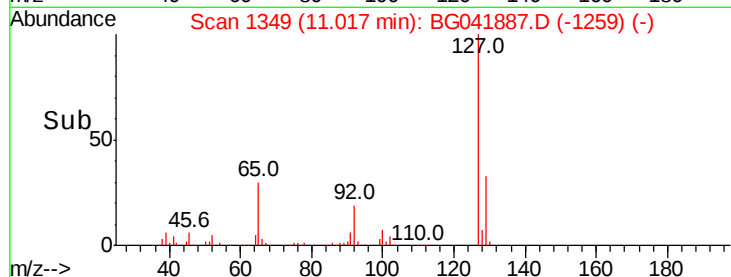
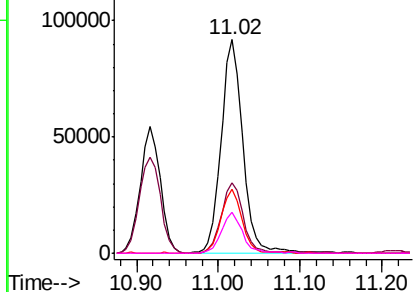
#33  
4-Chloroaniline  
Concen: 23.312 ng  
RT: 11.02 min Scan# 1349  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 169428 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 25.8  | 38.8   |
| 65       | 30.1  | 26.7  | 40.1   |
| 92       | 18.9  | 15.4  | 23.0   |

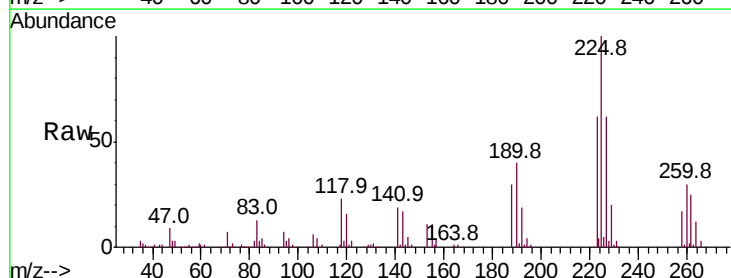


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

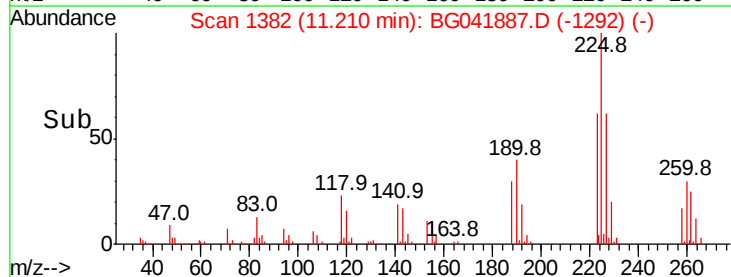
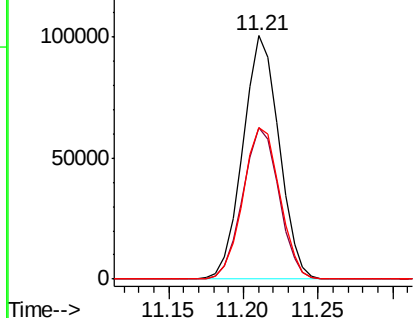


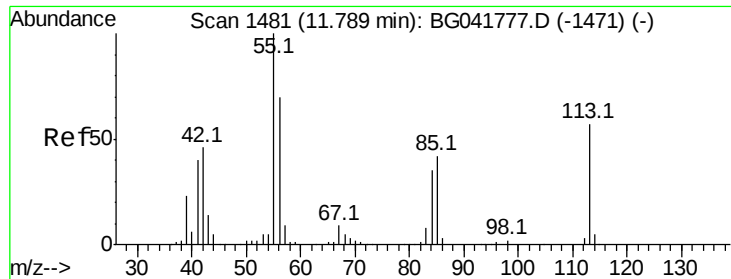
#34  
Hexachlorobutadiene  
Concen: 38.492 ng  
RT: 11.21 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 168456 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.1  | 51.1  | 76.7   |
| 227      | 62.3  | 50.9  | 76.3   |



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: 60.871 ng/mL

RT: 11.81 min Scan# 1484

Delta R.T. 0.02 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

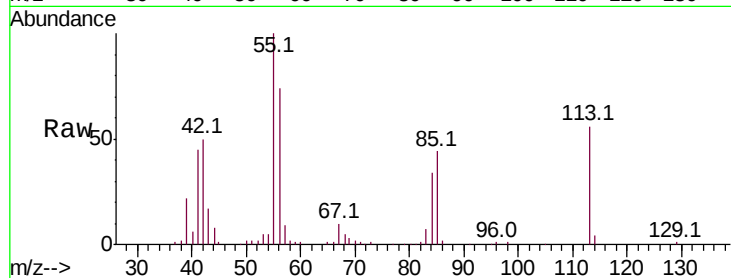
Tot Ion:113 Resp: 108174

Ion Ratio Lower Upper

113 100

55 179.4 199.4 239.4#

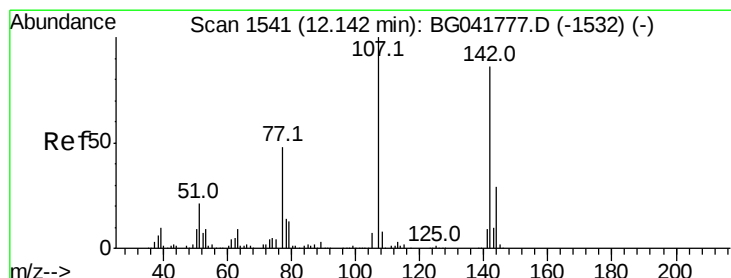
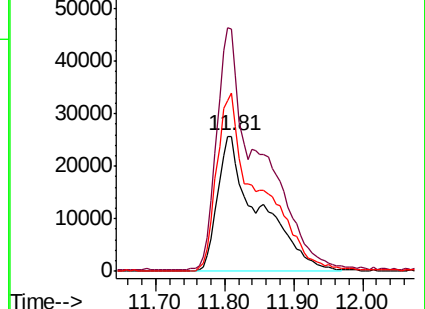
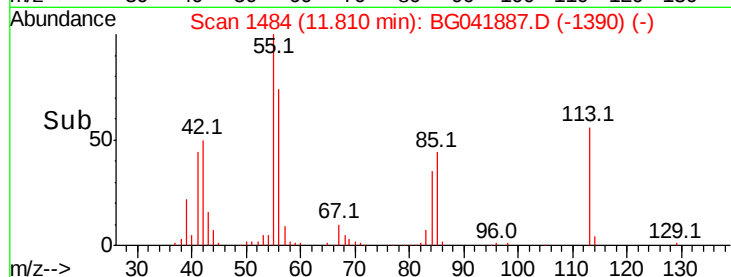
56 132.3 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 56.190 ng/mL

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

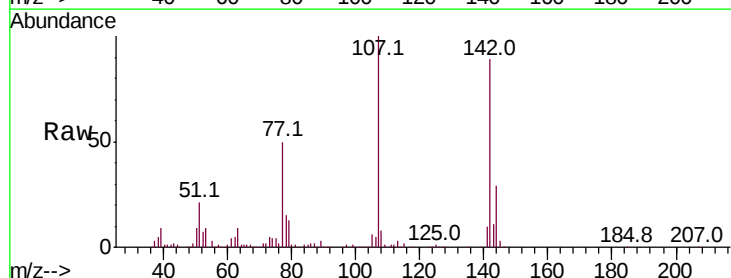
Tgt Ion:107 Resp: 284861

Ion Ratio Lower Upper

107 100

144 28.9 22.2 33.2

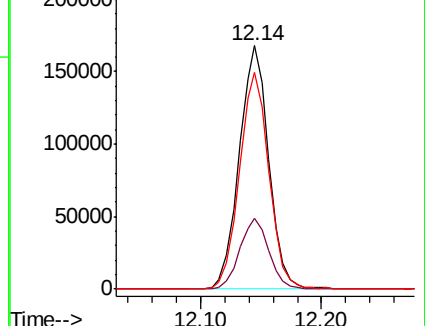
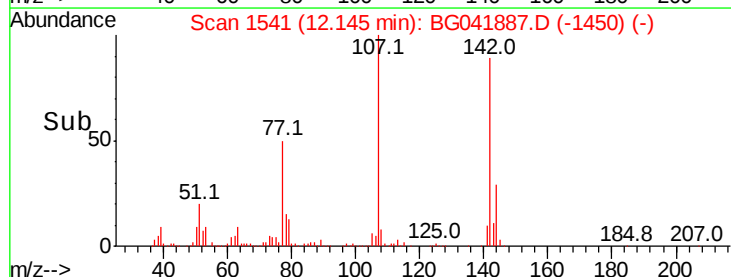
142 89.0 67.3 100.9

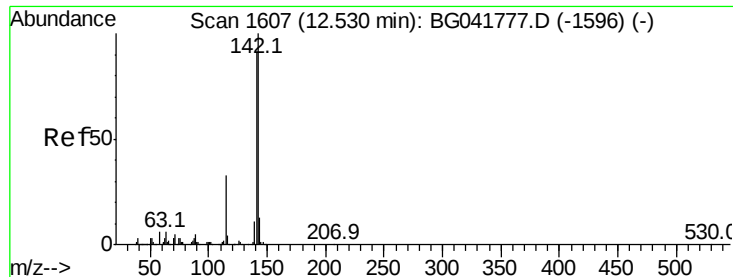


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.394 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

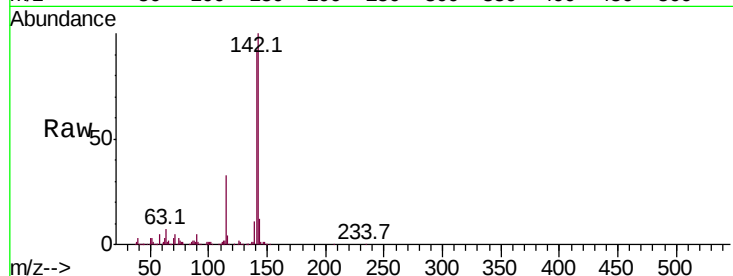
Tot Ion:142 Resp: 526392

Ion Ratio Lower Upper

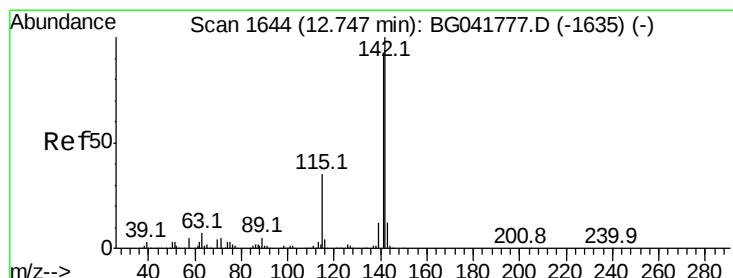
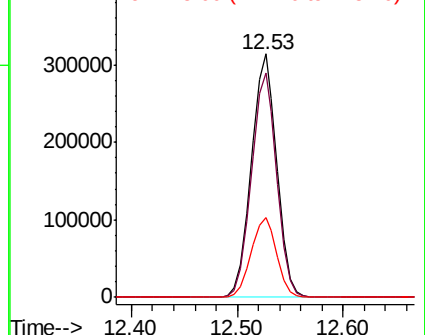
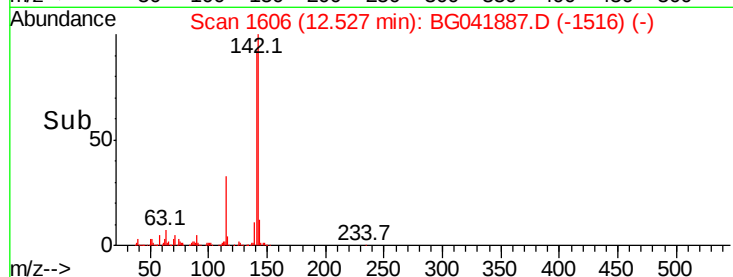
142 100

141 92.2 72.7 109.1

115 33.0 27.0 40.4



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: 44.344 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

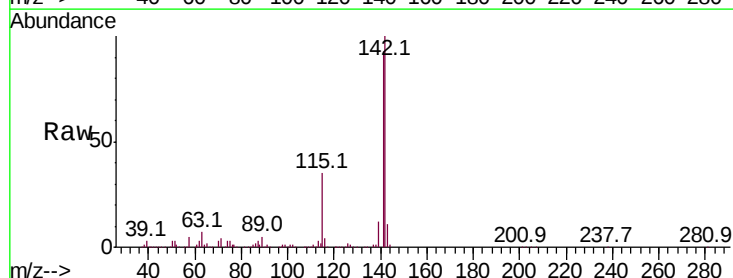
Tgt Ion:142 Resp: 509776

Ion Ratio Lower Upper

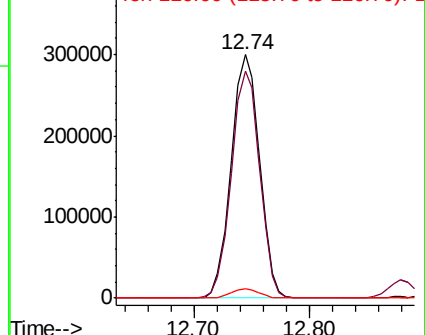
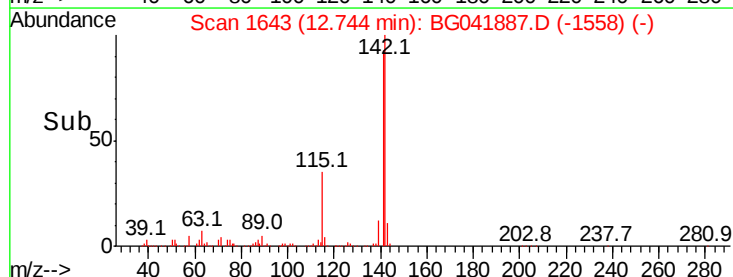
142 100

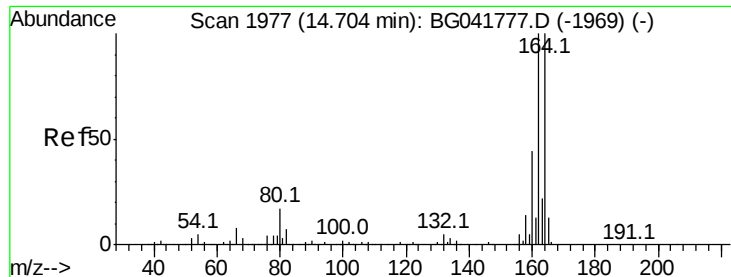
141 93.3 75.4 113.2

116 3.8 3.2 4.8



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: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

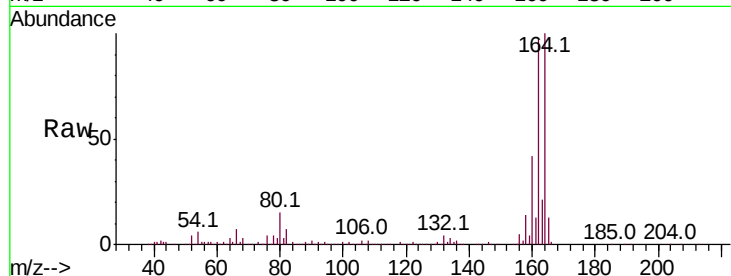
Tot Ion:164 Resp: 267707

Ion Ratio Lower Upper

164 100

162 97.0 79.6 119.4

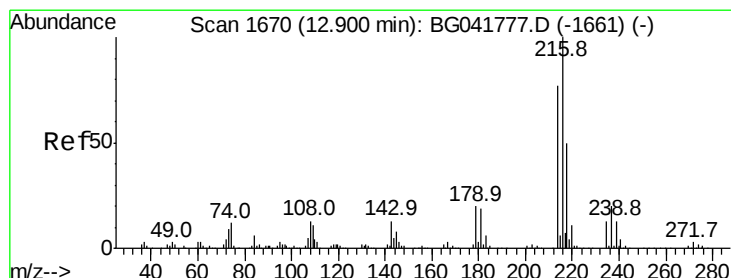
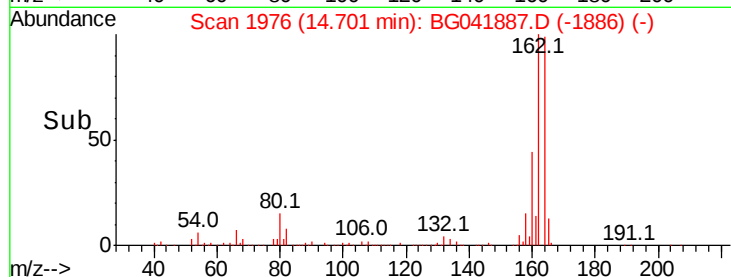
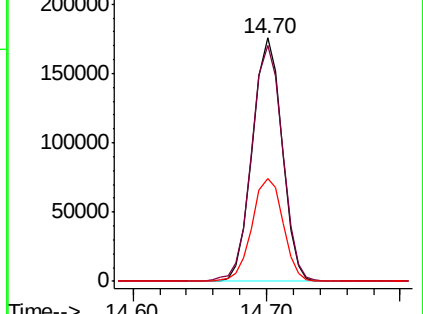
160 42.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.719 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Tgt Ion:216 Resp: 336582

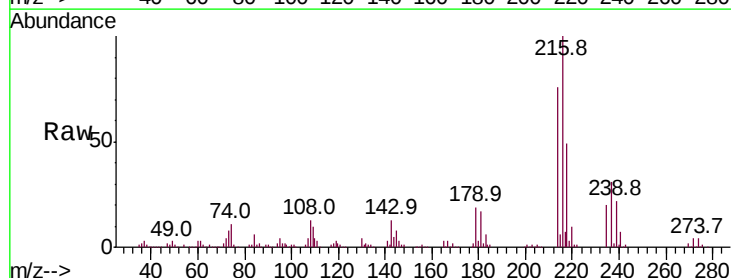
Ion Ratio Lower Upper

216 100

214 76.5 61.5 92.3

179 19.1 16.2 24.2

108 14.4 13.2 19.8

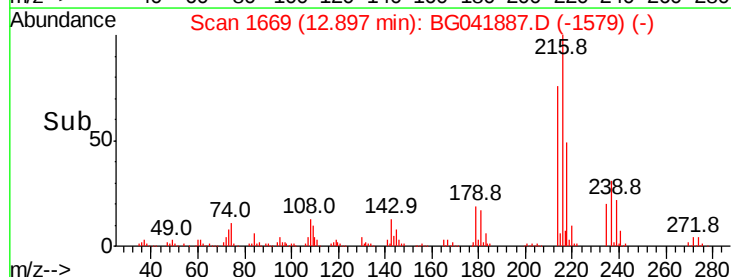
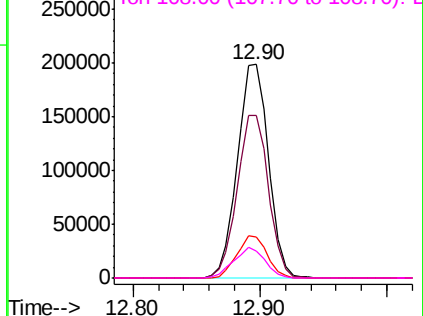


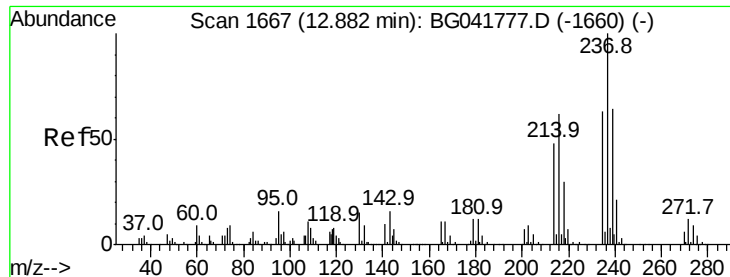
Abundance Ion 216.00 (215.70 to 216.70): E

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

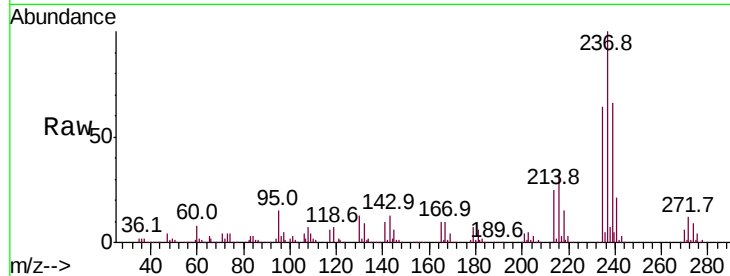




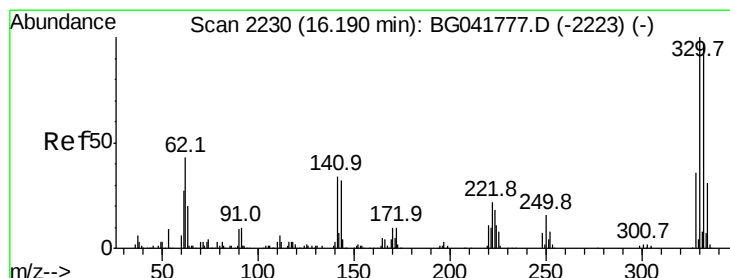
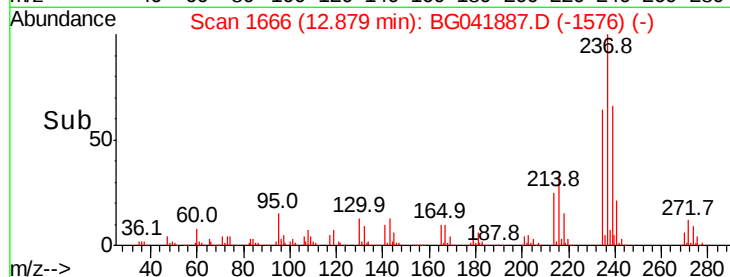
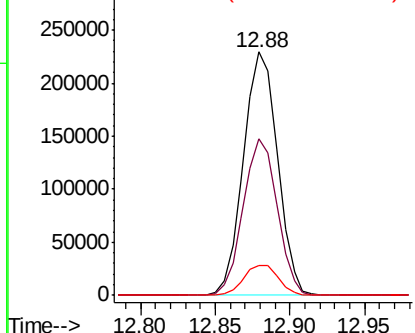
#41  
Hexachlorocyclopentadiene  
Concen: 76.210 ng  
RT: 12.88 min Scan# 1666  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 64.2  | 43.5  | 83.5  |
| 272     | 12.0  | 0.0   | 31.2  |

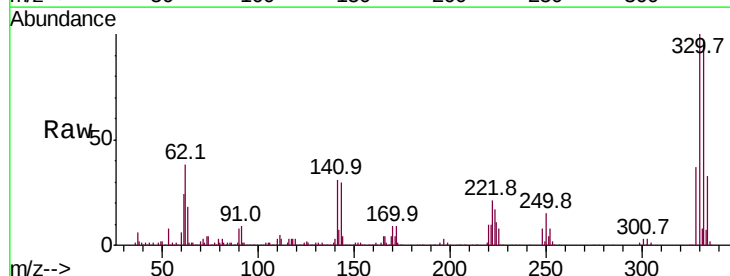


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

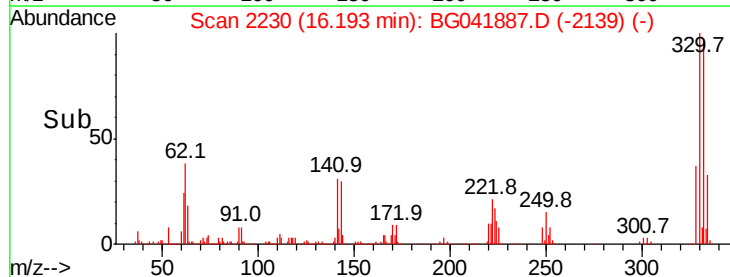
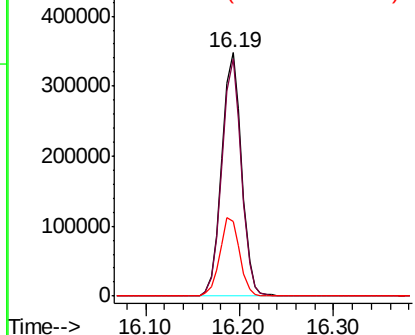


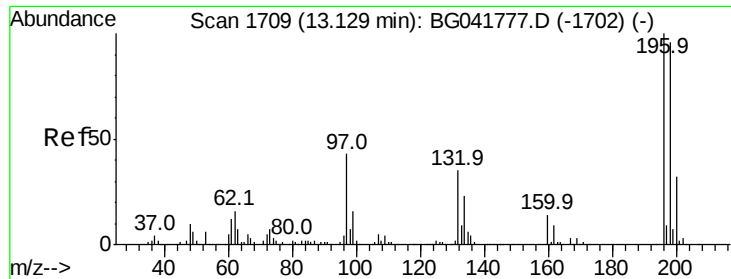
#42  
2,4,6-Tribromophenol  
Concen: 168.635 ng  
RT: 16.19 min Scan# 2230  
Delta R.T. 0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.8  | 77.4  | 116.0 |
| 141     | 32.3  | 31.9  | 47.9  |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

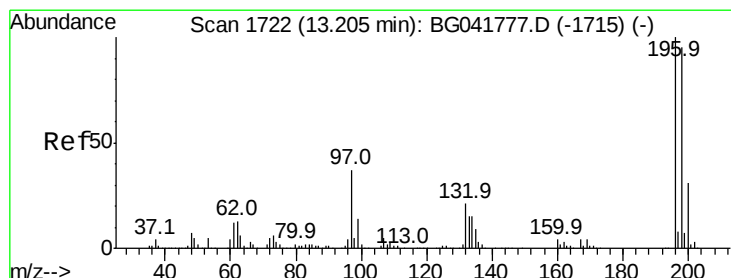
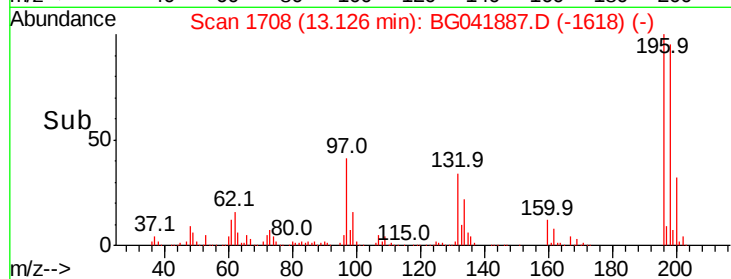
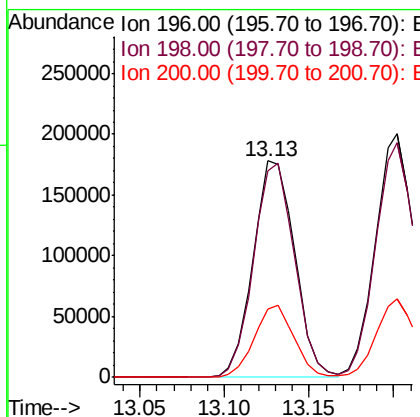
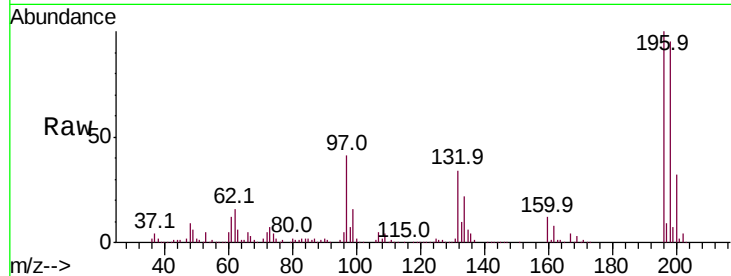




#43  
 2,4,6-Trichlorophenol  
 Concen: 57.004 ng  
 RT: 13.13 min Scan# 1708  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

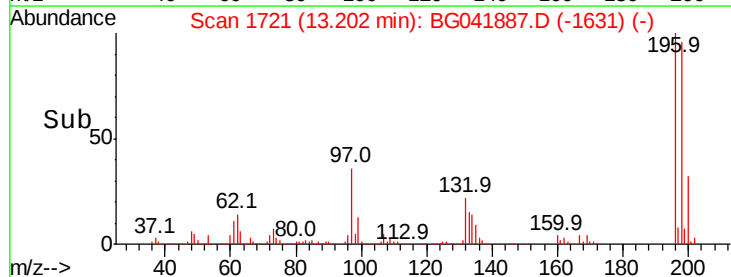
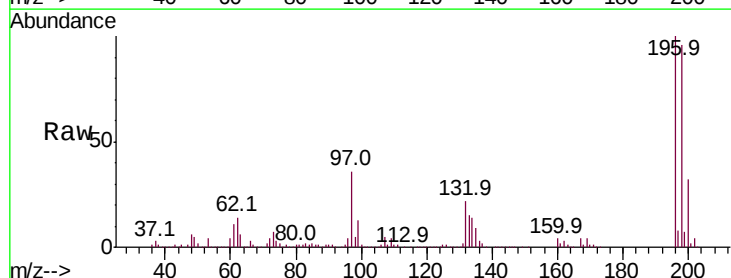
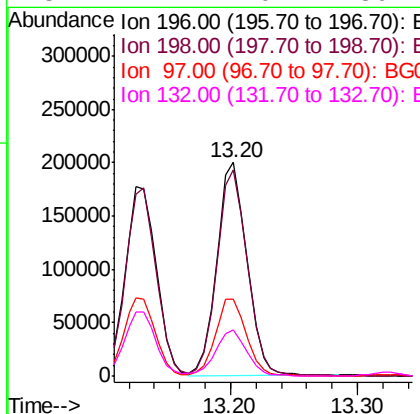
Instrument :  
 BNA\_G  
 ClientSampled :  
 T-1MS

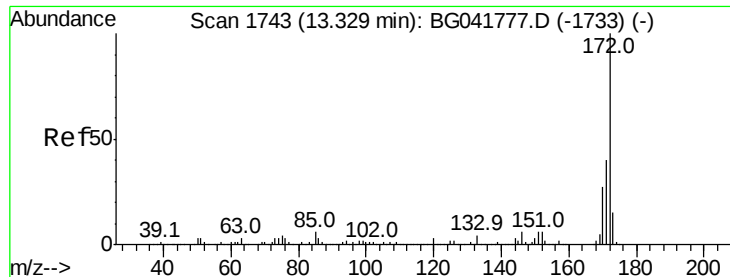
| Tot Ion   | 196   | Resp  | 305310 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.4  | 79.6  | 119.4  |
| 200       | 31.5  | 25.2  | 37.8   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 59.191 ng  
 RT: 13.20 min Scan# 1721  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

| Tgt Ion   | 196   | Resp  | 329444 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.3  | 80.6  | 121.0  |
| 97        | 36.1  | 33.9  | 50.9   |
| 132       | 21.7  | 20.2  | 30.2   |

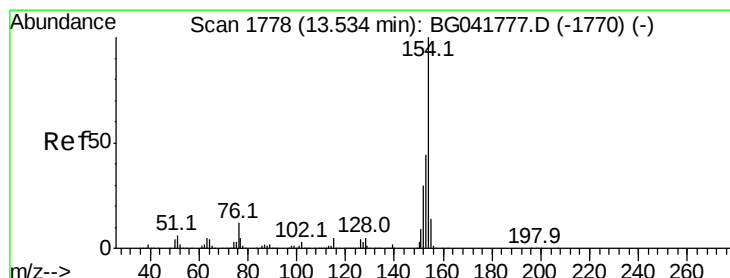
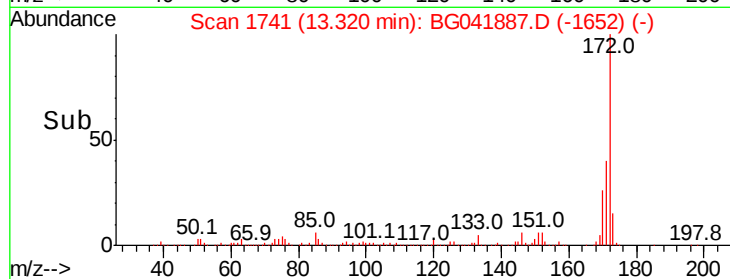
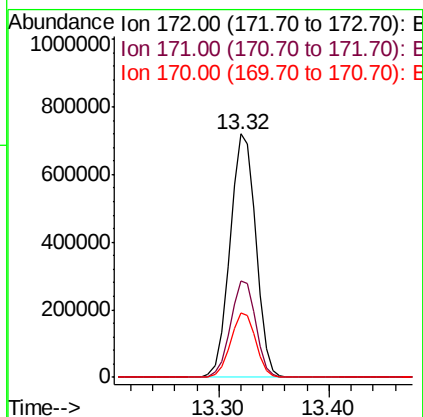
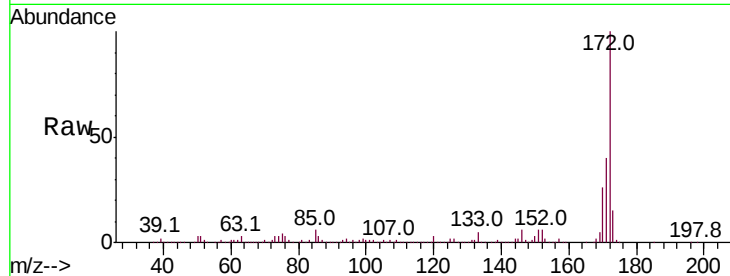




#45  
 2-Fluorobiphenyl  
 Concen: 77.625 ng  
 RT: 13.32 min Scan# 1741  
 Delta R.T. -0.01 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

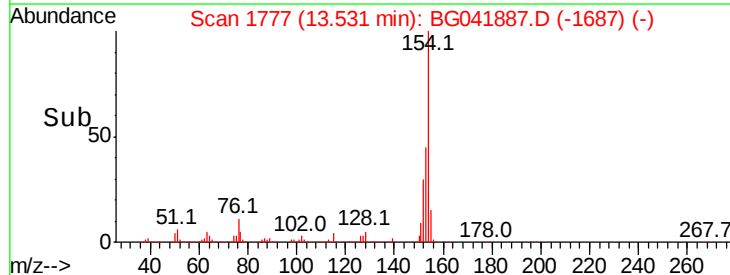
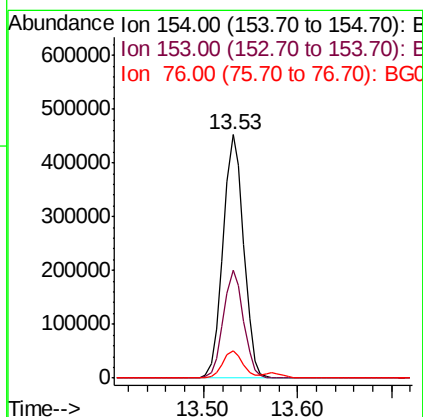
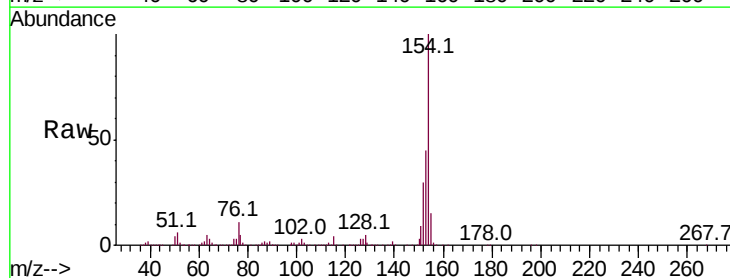
Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

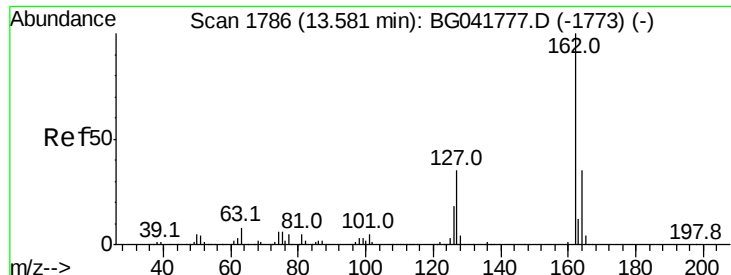
Tot Ion:172 Resp: 1178238  
 Ion Ratio Lower Upper  
 172 100  
 171 39.8 35.0 52.4  
 170 26.4 23.5 35.3



#46  
 1,1'-Biphenyl  
 Concen: 40.128 ng  
 RT: 13.53 min Scan# 1777  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

Tgt Ion:154 Resp: 690564  
 Ion Ratio Lower Upper  
 154 100  
 153 44.6 25.0 65.0  
 76 11.0 0.0 34.5

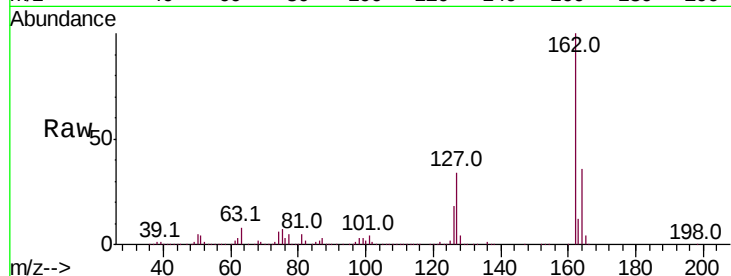




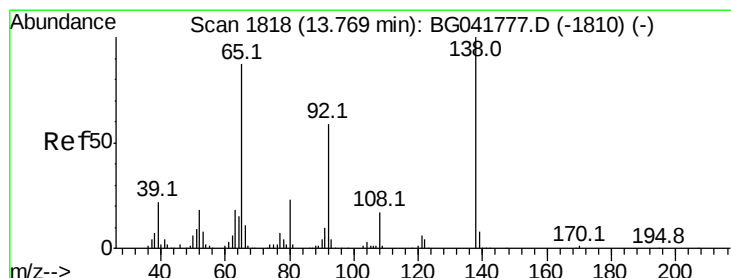
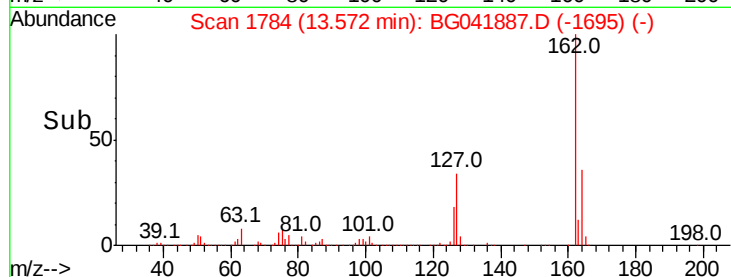
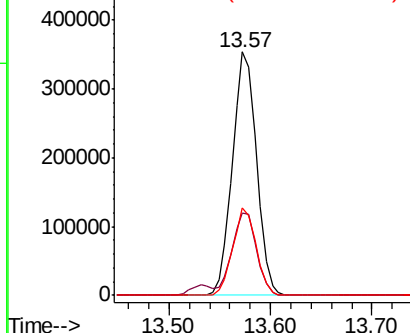
#47  
 2-Chloronaphthalene  
 Concen: 39.969 ng  
 RT: 13.57 min Scan# 1784  
 Delta R.T. -0.01 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 34.0  | 30.4  | 45.6  |
| 164     | 35.9  | 28.6  | 42.8  |

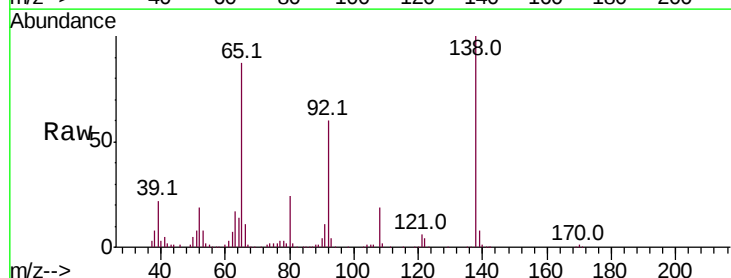


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

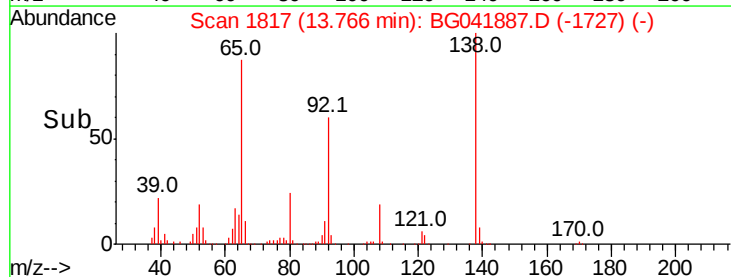
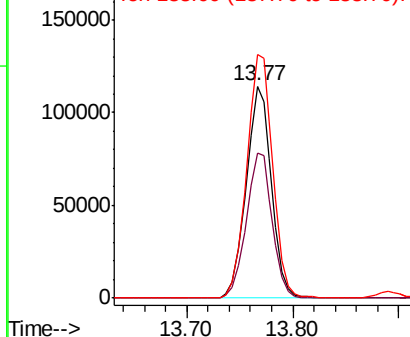


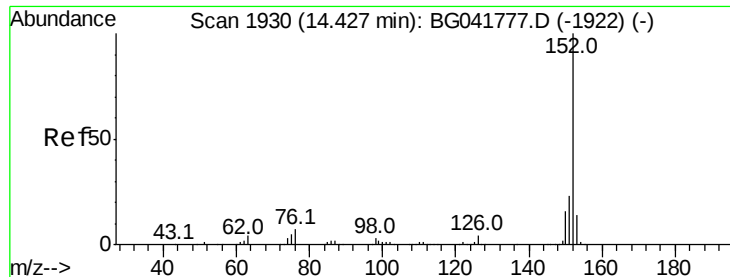
#48  
 2-Nitroaniline  
 Concen: 51.002 ng  
 RT: 13.77 min Scan# 1817  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.7  | 53.9  | 80.9  |
| 138     | 114.9 | 83.5  | 125.3 |



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





#49

Acenaphthylene

Concen: 43.181 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

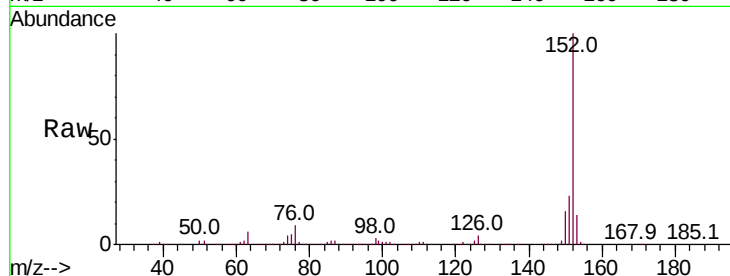
Tot Ion:152 Resp: 946383

Ion Ratio Lower Upper

152 100

151 22.6 18.7 28.1

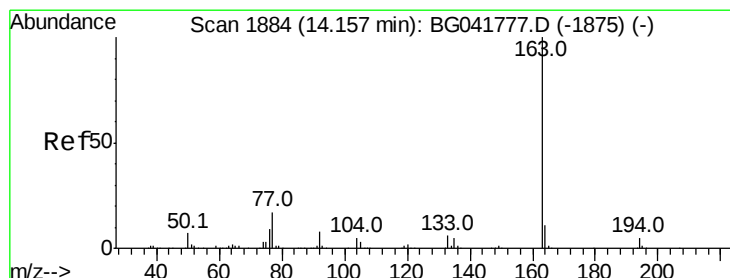
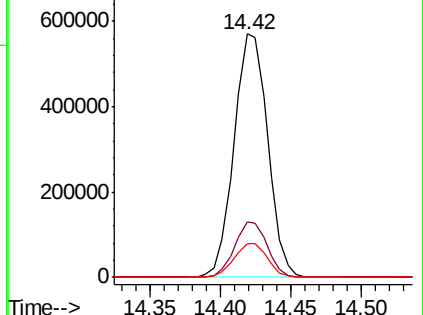
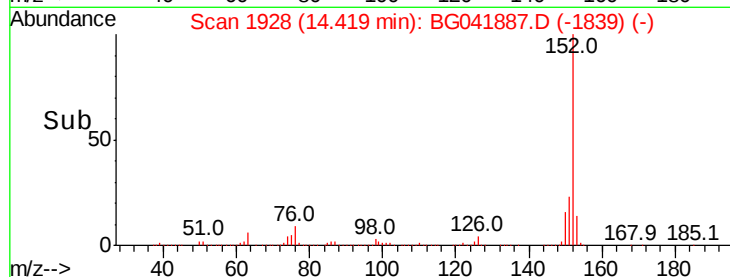
153 14.0 12.4 18.6



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: 56.623 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

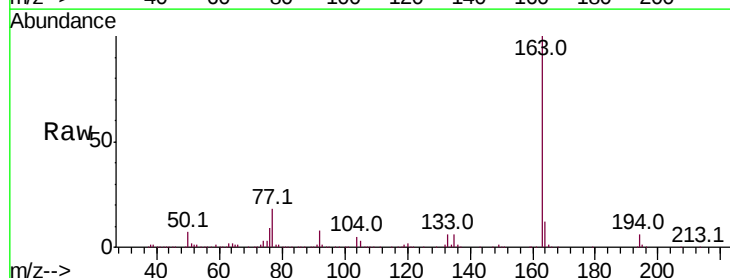
Tgt Ion:163 Resp: 1035252

Ion Ratio Lower Upper

163 100

194 5.7 4.2 6.2

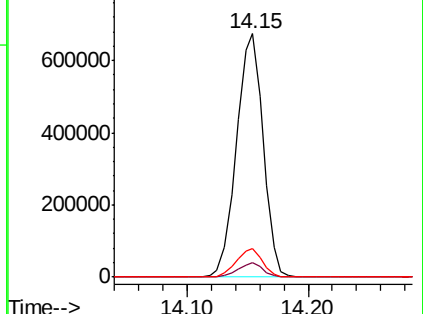
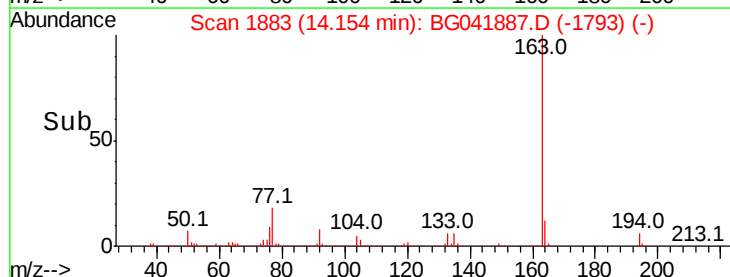
164 11.8 9.4 14.2

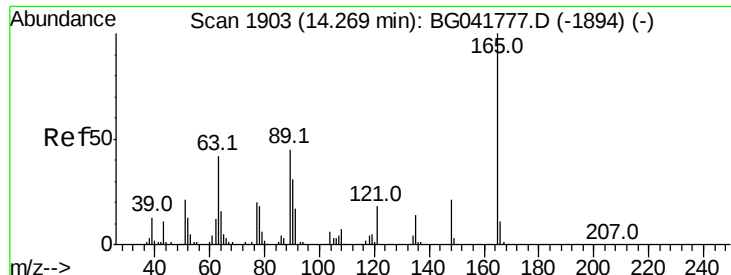


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.474 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

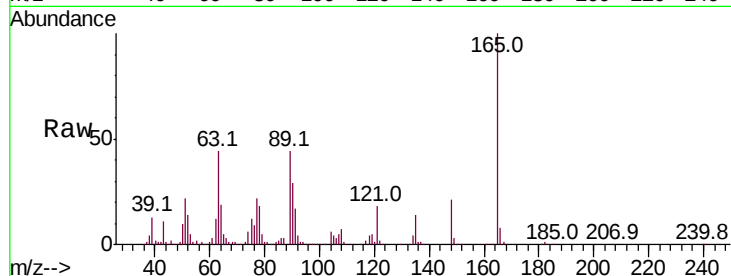
Tot Ion:165 Resp: 204434

Ion Ratio Lower Upper

165 100

63 44.2 42.4 63.6

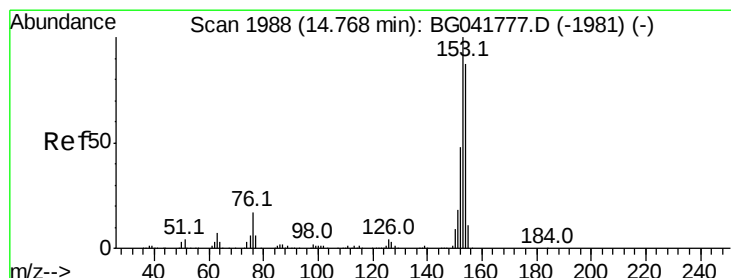
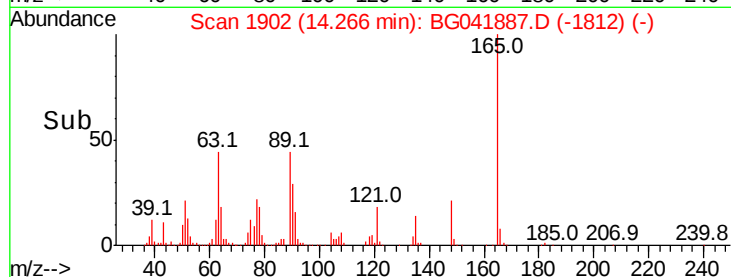
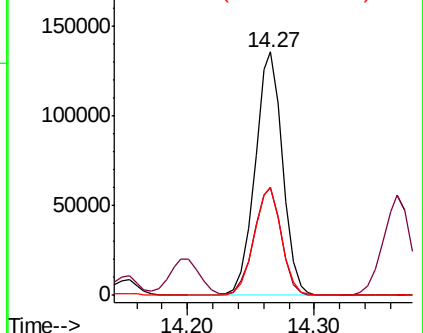
89 44.2 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.588 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

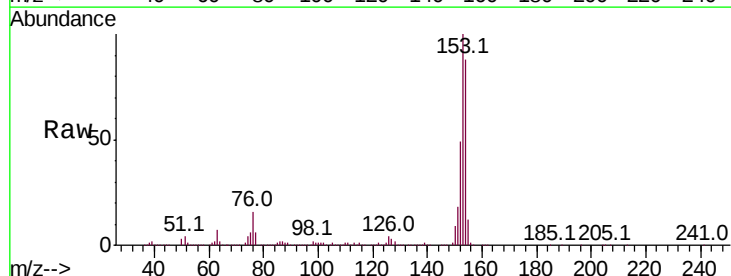
Tgt Ion:154 Resp: 592804

Ion Ratio Lower Upper

154 100

153 114.2 89.8 134.6

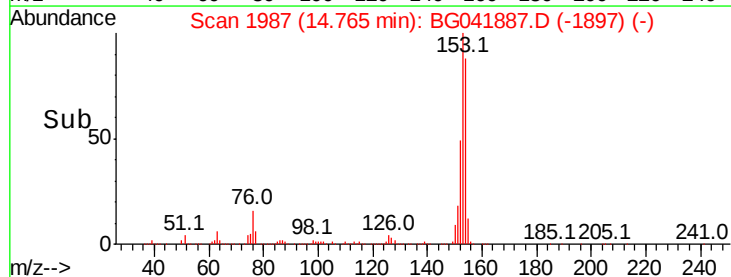
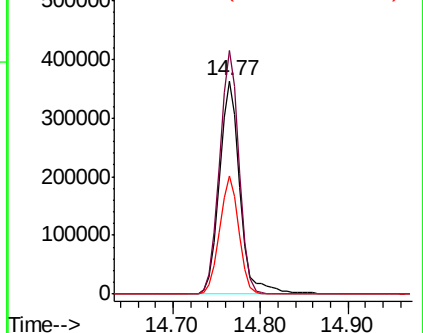
152 55.5 44.9 67.3

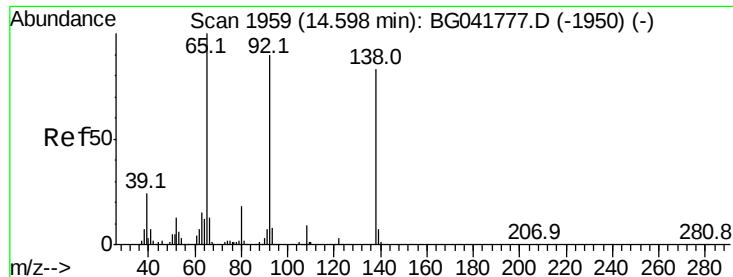


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 36.322 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

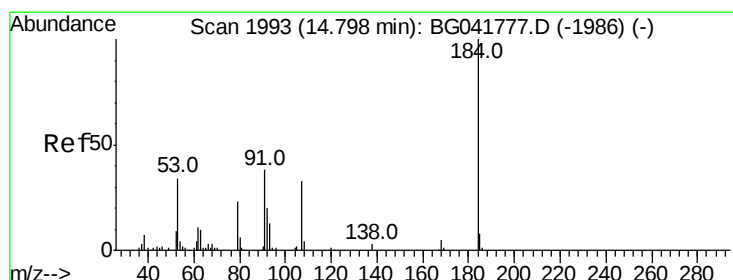
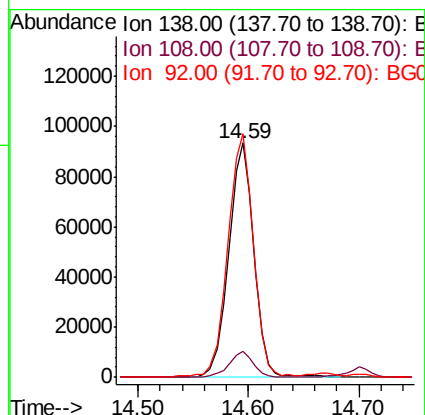
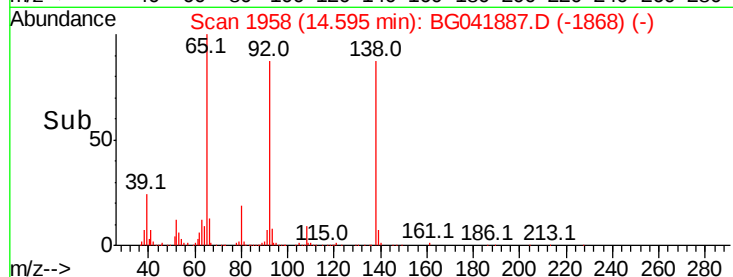
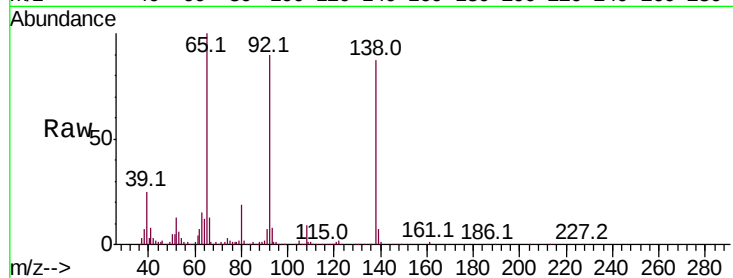
Tot Ion:138 Resp: 148555

Ion Ratio Lower Upper

138 100

108 10.9 10.3 15.5

92 104.0 93.0 139.4



#54

2,4-Dinitrophenol

Concen: 41.044 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

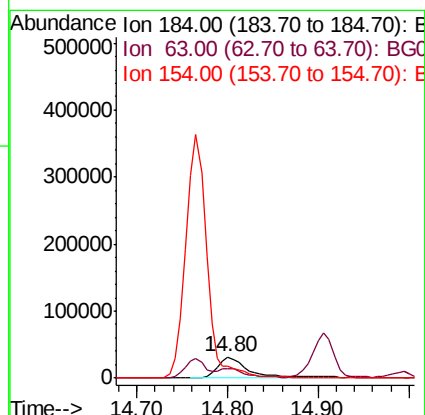
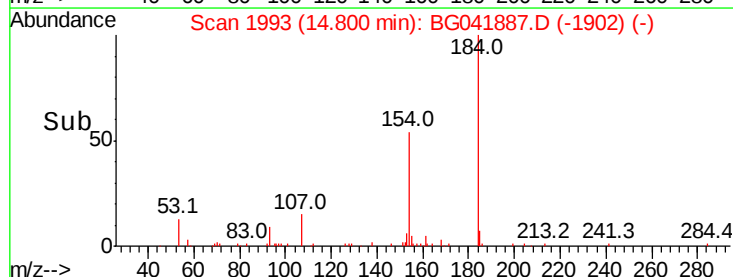
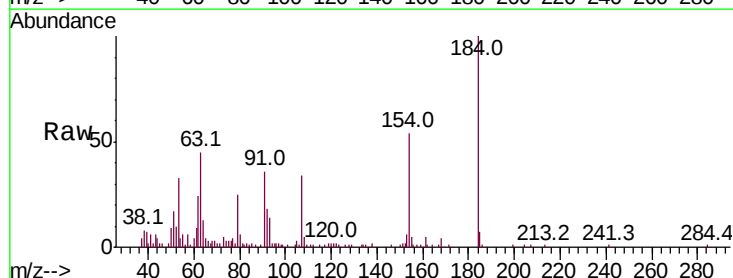
Tgt Ion:184 Resp: 76487

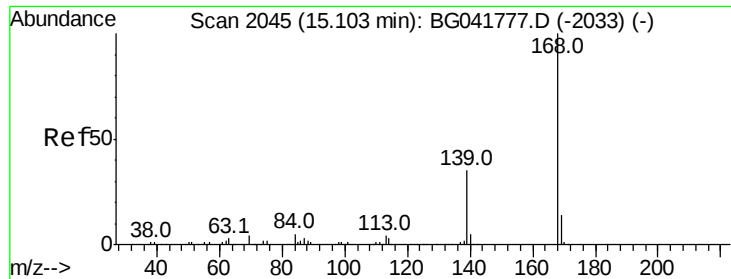
Ion Ratio Lower Upper

184 100

63 44.6 43.2 64.8

154 54.3 51.4 77.2

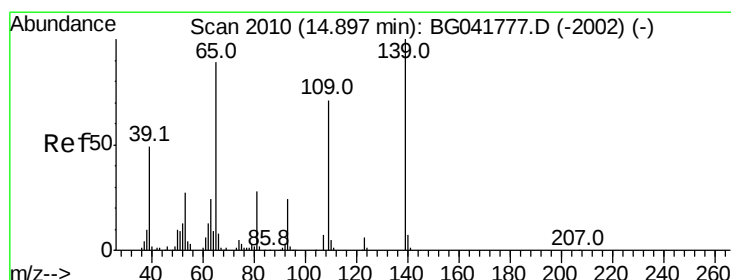
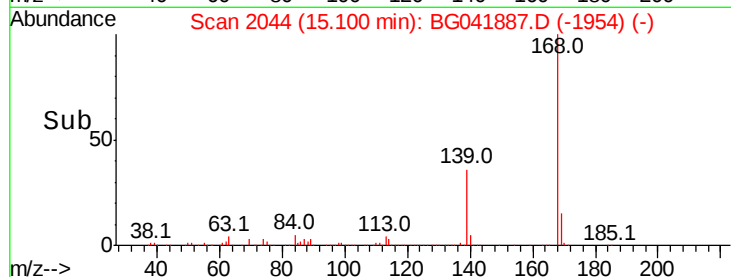
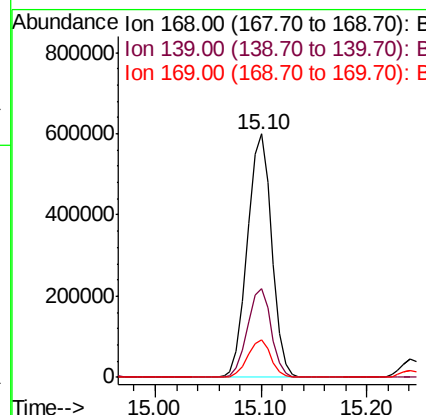
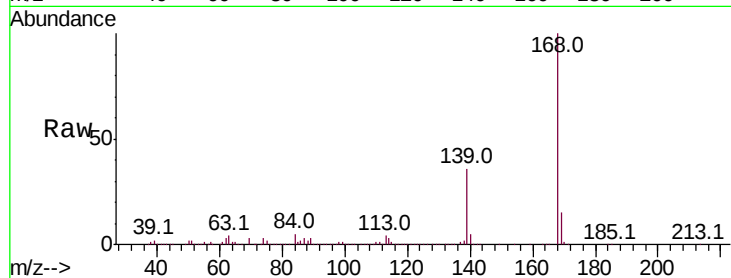




#55  
Dibenzofuran  
Concen: 43.833 ng  
RT: 15.10 min Scan# 2044  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

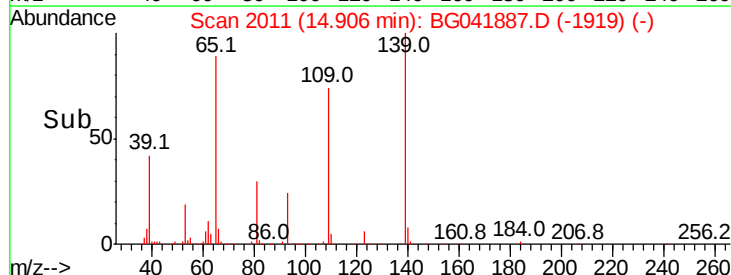
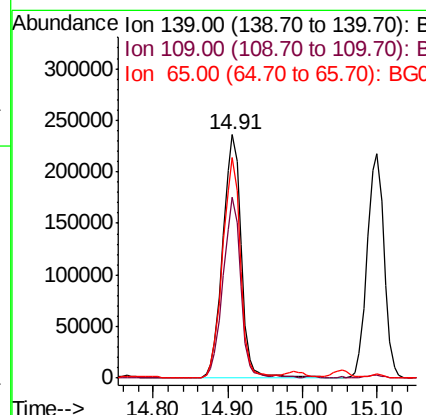
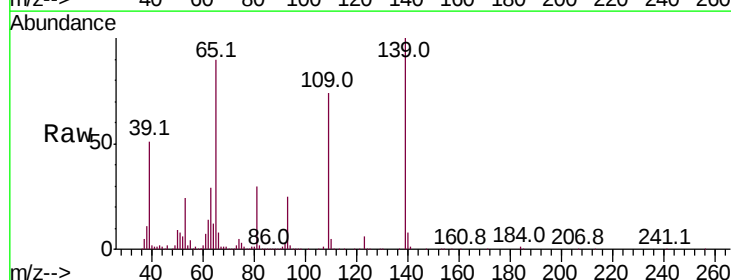
Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

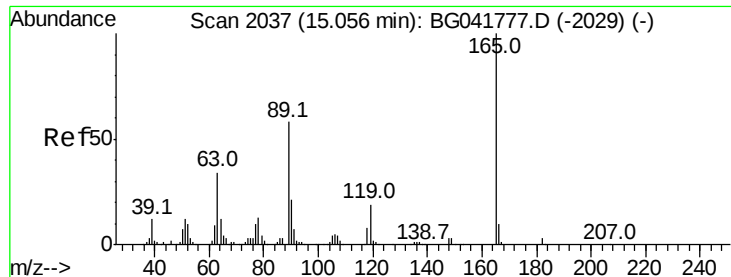
Tot Ion:168 Resp: 955681  
Ion Ratio Lower Upper  
168 100  
139 36.4 31.9 47.9  
169 15.3 12.5 18.7



#56  
4-Nitrophenol  
Concen: 131.624 ng  
RT: 14.91 min Scan# 2011  
Delta R.T. 0.01 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

Tgt Ion:139 Resp: 408638  
Ion Ratio Lower Upper  
139 100  
109 74.2 51.3 91.3  
65 90.5 77.6 117.6

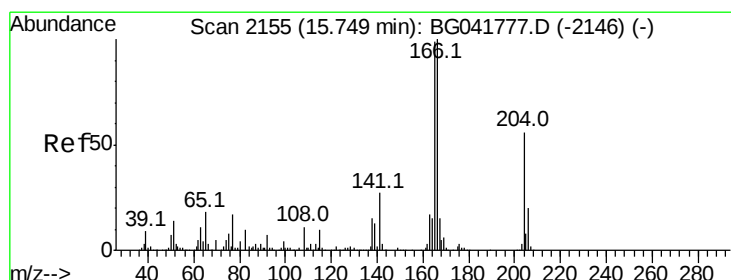
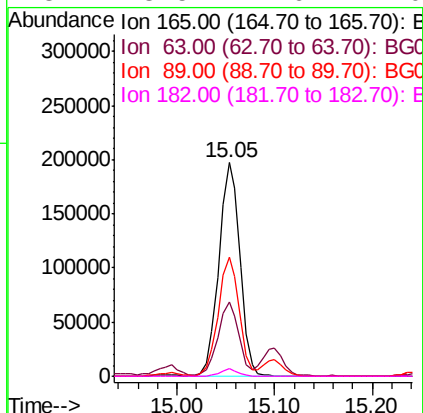
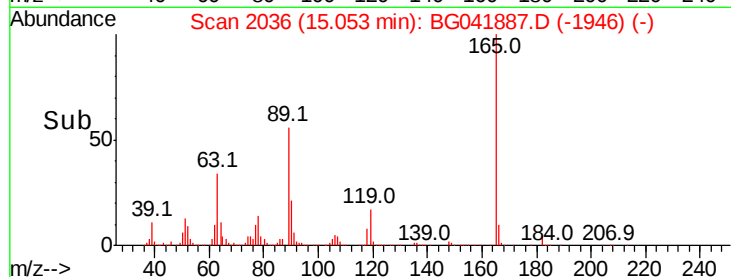
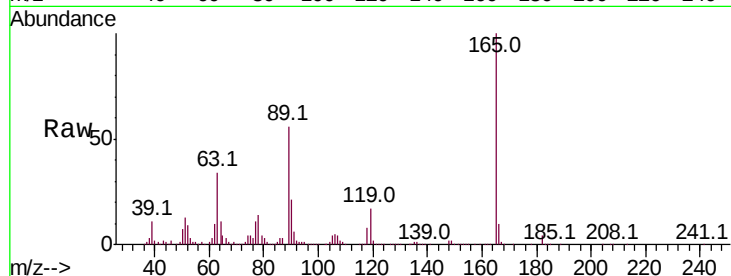




#57  
 2,4-Dinitrotoluene  
 Concen: 55.955 ng  
 RT: 15.05 min Scan# 2036  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

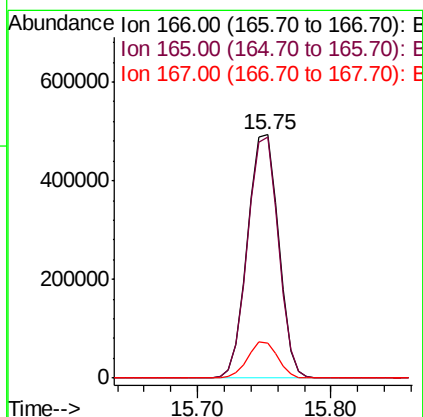
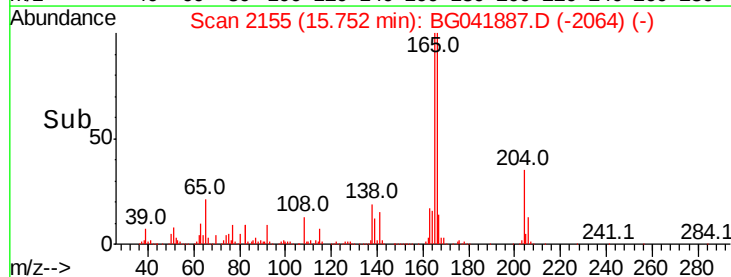
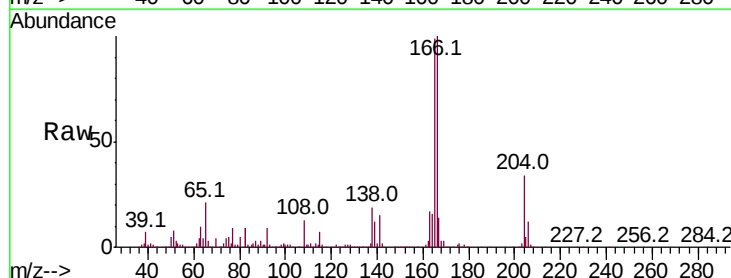
Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

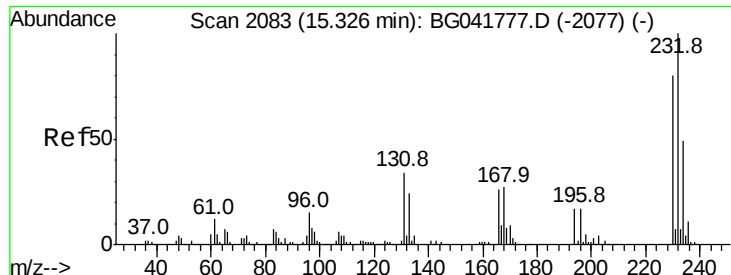
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 34.5  | 31.7  | 47.5  |
| 89      | 55.9  | 50.2  | 75.4  |
| 182     | 3.5   | 2.6   | 4.0   |



#58  
 Fluorene  
 Concen: 45.170 ng  
 RT: 15.75 min Scan# 2155  
 Delta R.T. 0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.2  | 80.5  | 120.7 |
| 167     | 14.4  | 12.4  | 18.6  |

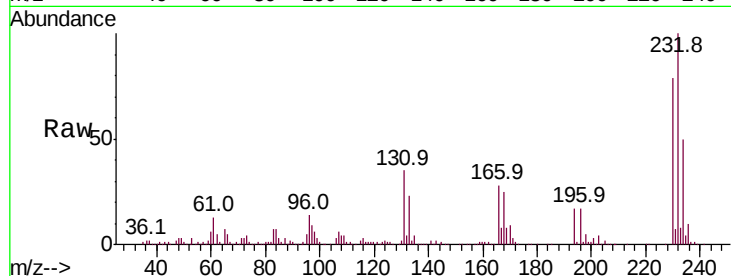




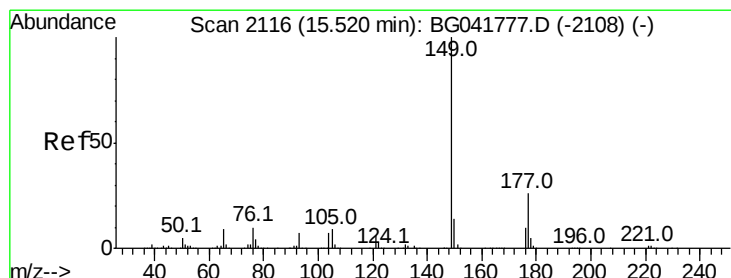
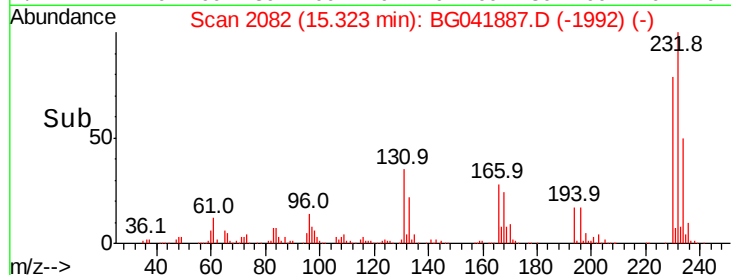
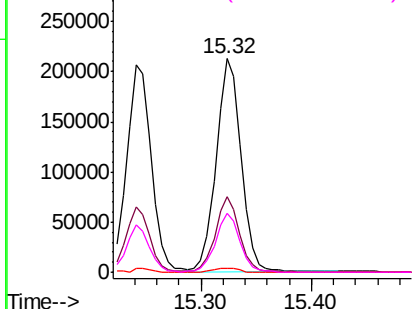
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 60.252 ng  
 RT: 15.32 min Scan# 2082  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 332138 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 33.8  | 31.8  | 47.6   |
| 130      | 1.9   | 1.8   | 2.8    |
| 166      | 26.6  | 23.5  | 35.3   |

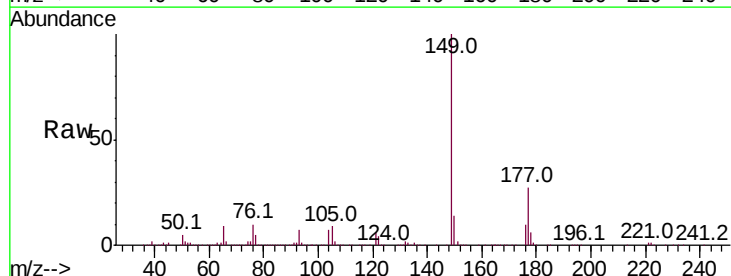


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

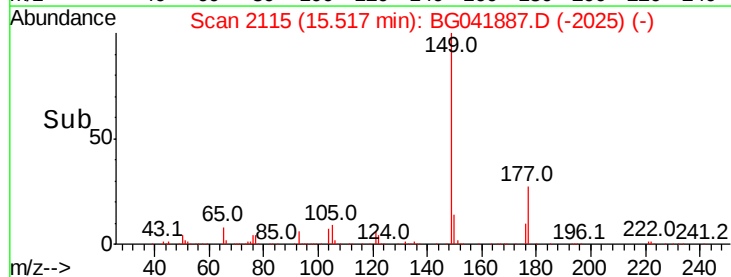
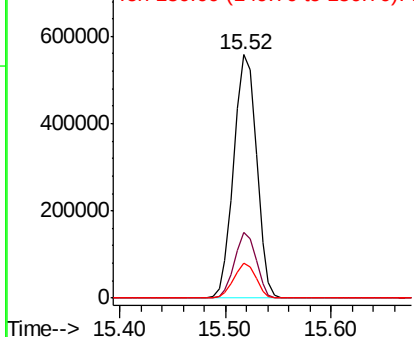


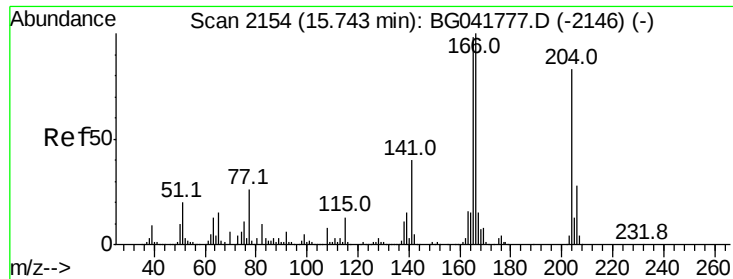
#60  
 Diethylphthalate  
 Concen: 46.261 ng  
 RT: 15.52 min Scan# 2115  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 830373 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 26.8  | 20.7  | 31.1   |
| 150      | 14.2  | 11.5  | 17.3   |



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

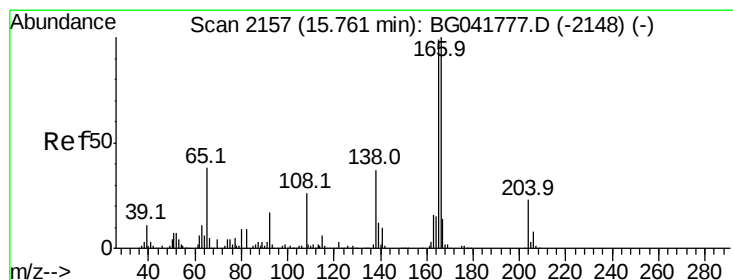
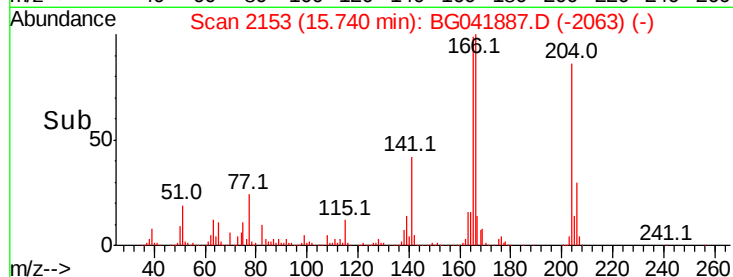
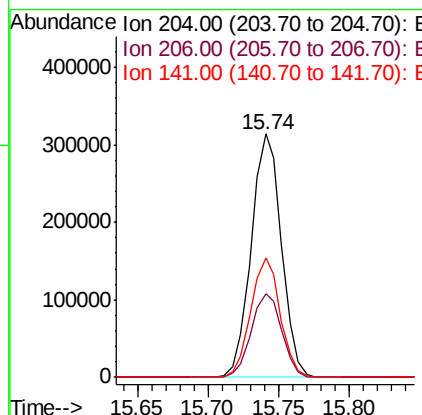
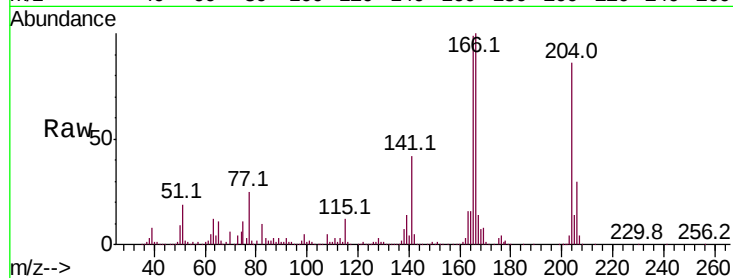




#61  
4-Chlorophenyl-phenylether  
Concen: 43.999 ng  
RT: 15.74 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

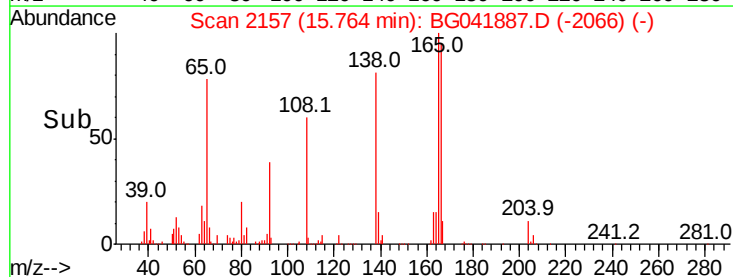
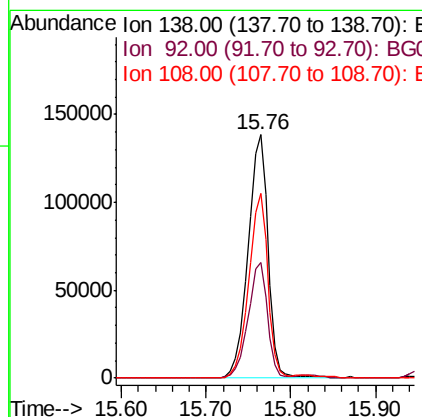
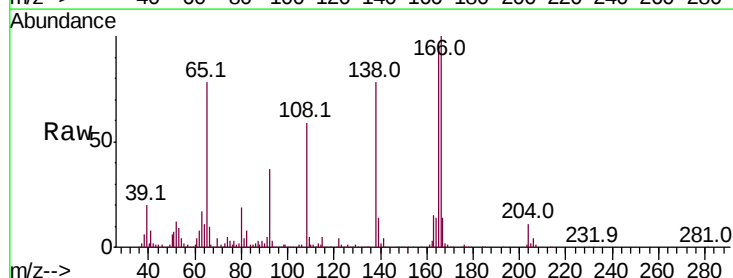
Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

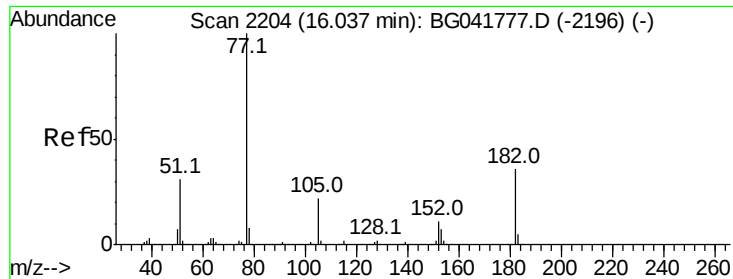
Tot Ion:204 Resp: 469986  
Ion Ratio Lower Upper  
204 100  
206 34.5 28.6 42.8  
141 48.9 42.9 64.3



#62  
4-Nitroaniline  
Concen: 51.432 ng  
RT: 15.76 min Scan# 2157  
Delta R.T. 0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

Tgt Ion:138 Resp: 227844  
Ion Ratio Lower Upper  
138 100  
92 47.5 29.8 69.8  
108 75.8 52.2 92.2

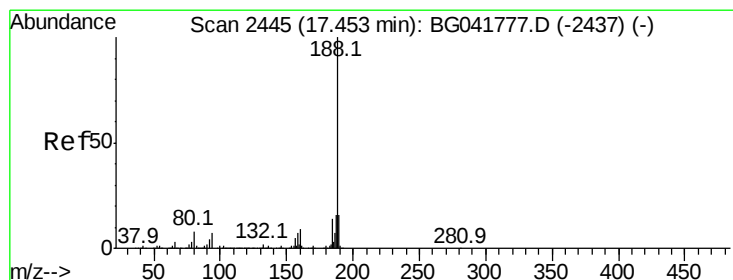
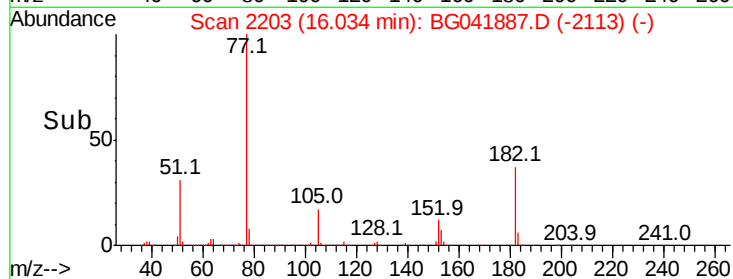
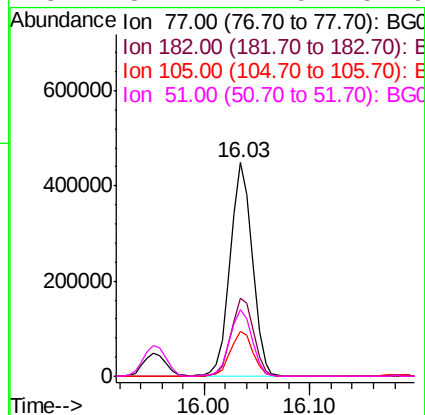
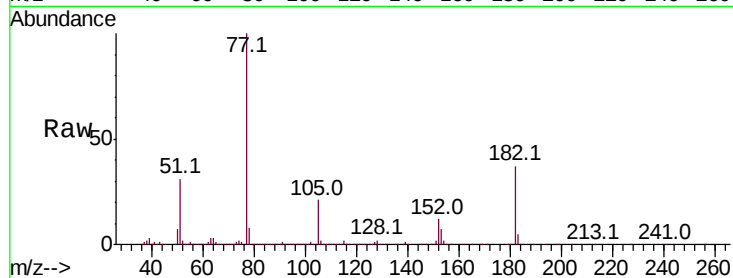




#63  
Azobenzene  
Concen: 43.945 ng  
RT: 16.03 min Scan# 2203  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

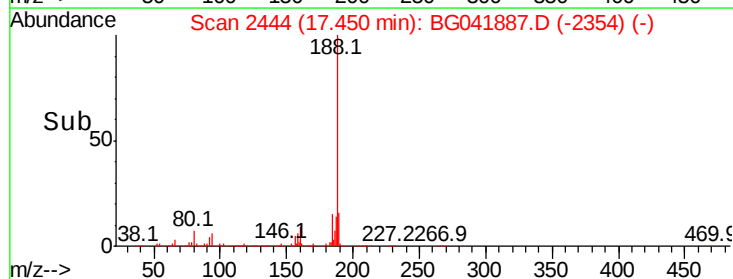
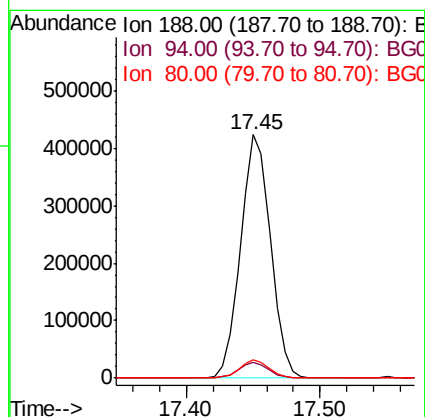
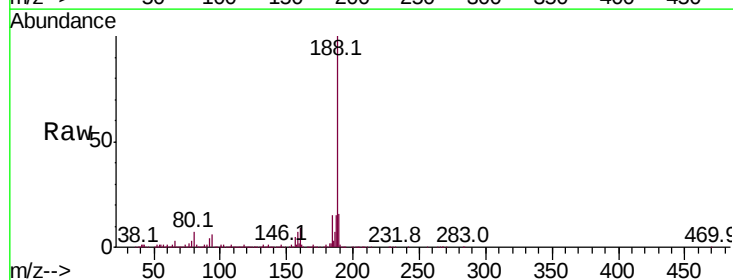
Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

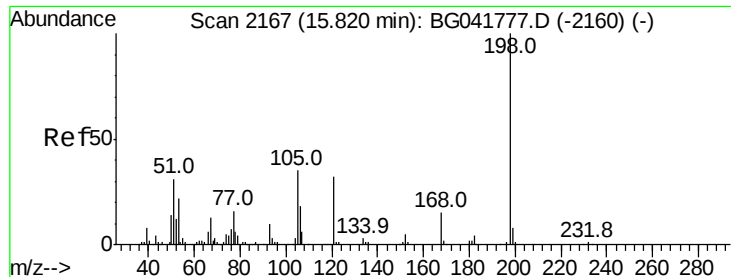
Tot Ion: 77 Resp: 644356  
Ion Ratio Lower Upper  
77 100  
182 36.5 13.2 53.2  
105 21.2 2.2 42.2  
51 31.4 14.6 54.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.45 min Scan# 2444  
Delta R.T. -0.00 min  
Lab File: BG041887.D  
Acq: 2 Aug 2019 14:14

Tgt Ion: 188 Resp: 655185  
Ion Ratio Lower Upper  
188 100  
94 6.3 6.9 10.3#  
80 7.5 8.0 12.0#





#65

4,6-Dinitro-2-methylphenol

Concen: 50.384 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

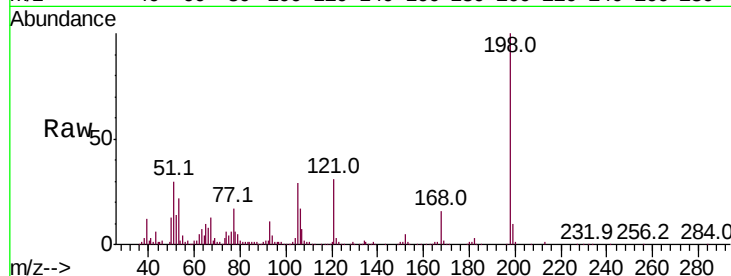
Tot Ion:198 Resp: 162841

Ion Ratio Lower Upper

198 100

51 30.4 22.3 62.3

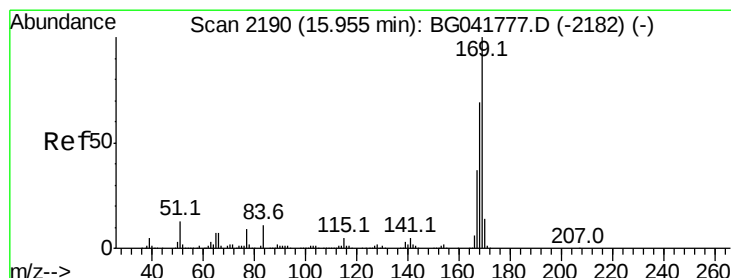
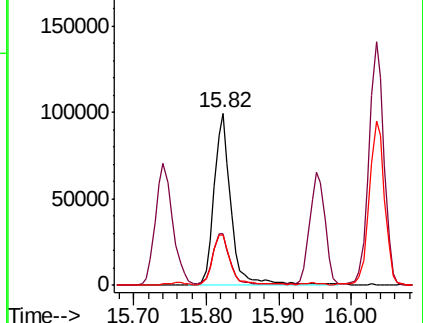
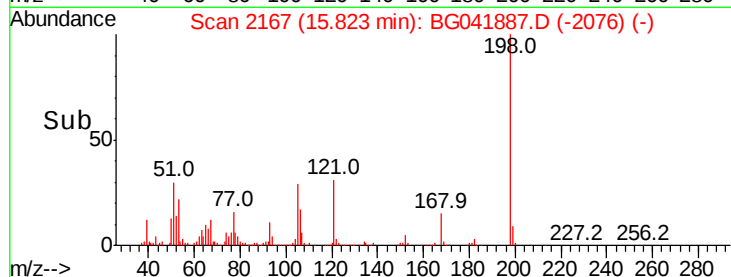
105 29.3 18.0 58.0



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: 43.454 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

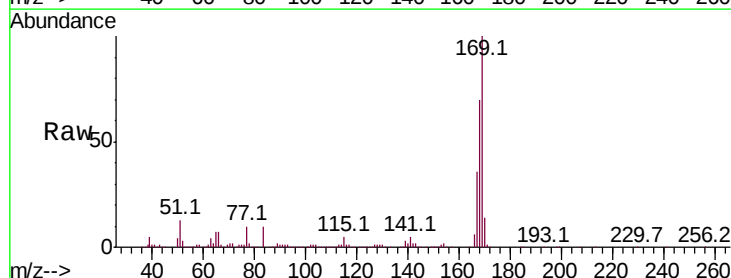
Tgt Ion:169 Resp: 775507

Ion Ratio Lower Upper

169 100

168 69.6 56.9 85.3

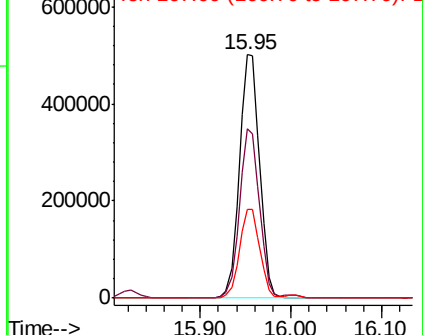
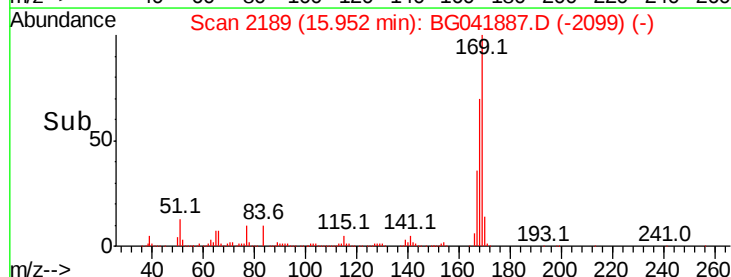
167 36.3 31.5 47.3

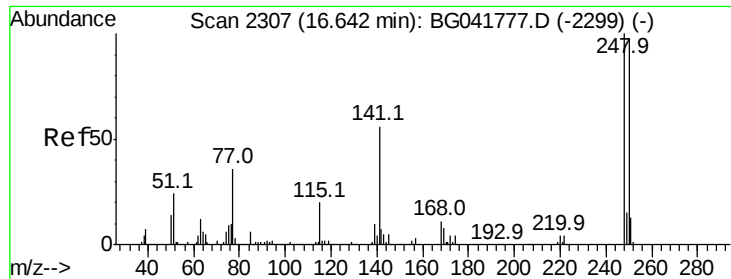


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

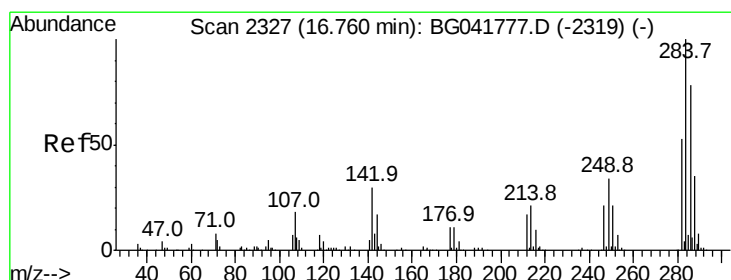
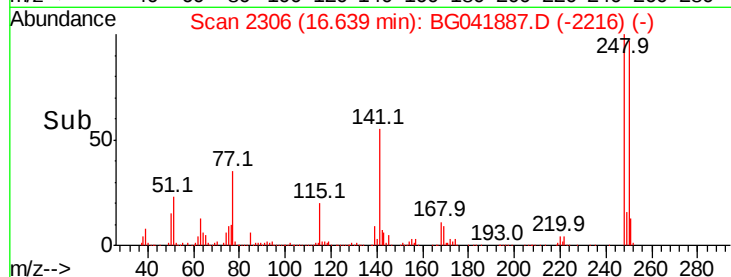
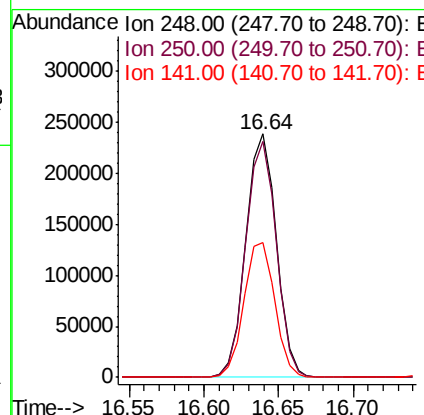
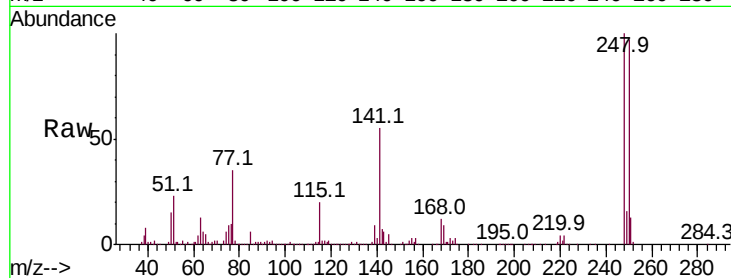




#67  
 4-Bromophenyl-phenylether  
 Concen: 41.744 ng  
 RT: 16.64 min Scan# 2306  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

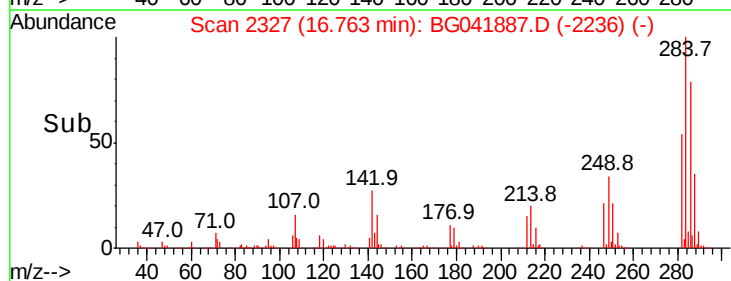
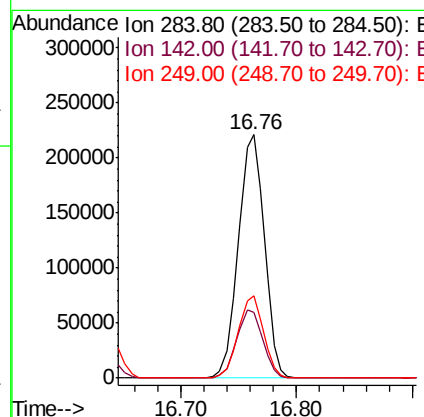
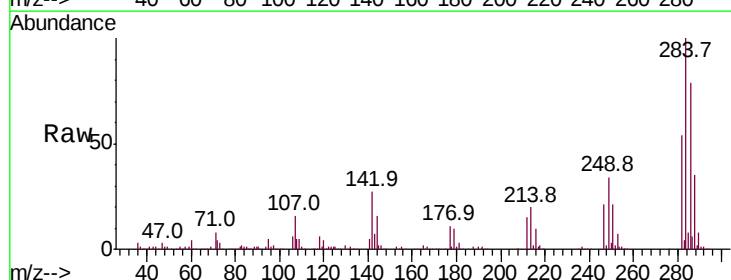
Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

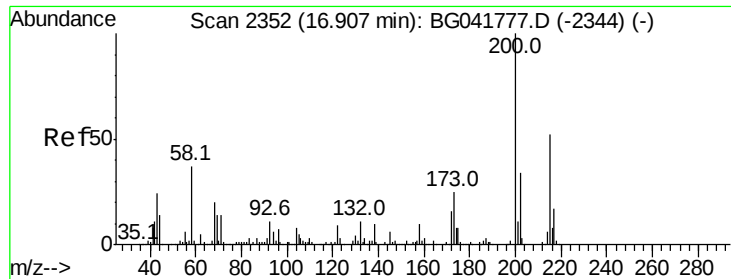
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.1  | 78.1  | 117.1 |
| 141     | 55.3  | 49.6  | 74.4  |



#68  
 Hexachlorobenzene  
 Concen: 40.907 ng  
 RT: 16.76 min Scan# 2327  
 Delta R.T. 0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 26.8  | 27.0  | 40.6# |
| 249     | 33.7  | 28.4  | 42.6  |

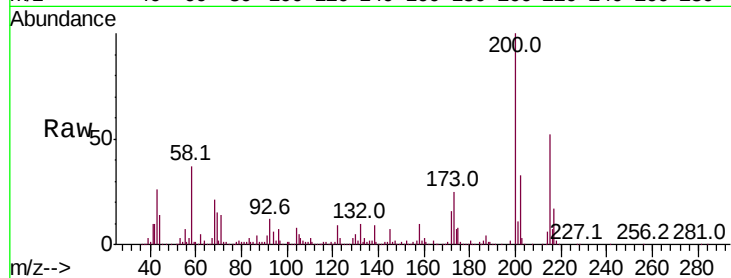




#69  
 Atrazine  
 Concen: 45.534 ng  
 RT: 16.90 min Scan# 2351  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.5  | 5.3   | 45.3  |
| 215     | 52.3  | 31.8  | 71.8  |

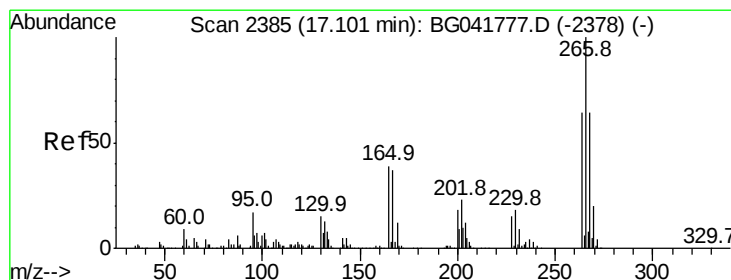
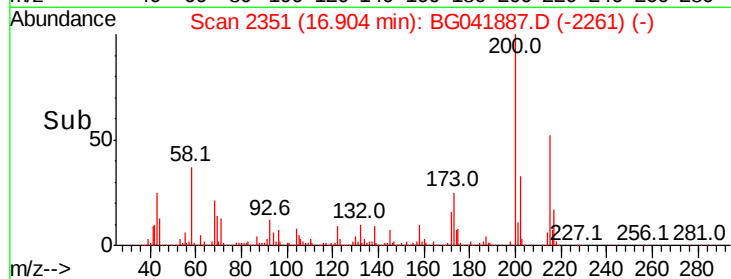
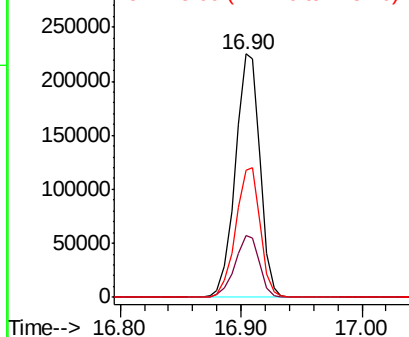


Abundance

Ion 200.00 (199.70 to 200.70): E

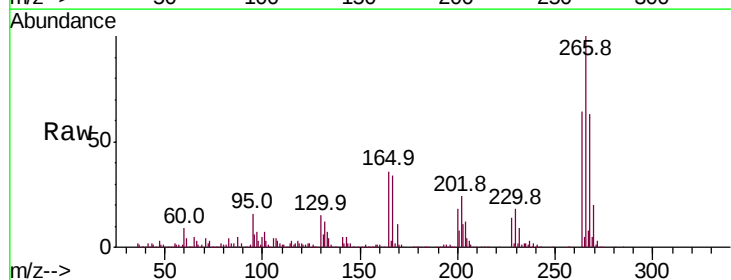
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 93.446 ng  
 RT: 17.10 min Scan# 2385  
 Delta R.T. 0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.1  | 52.9  | 79.3  |
| 264     | 63.6  | 51.4  | 77.2  |

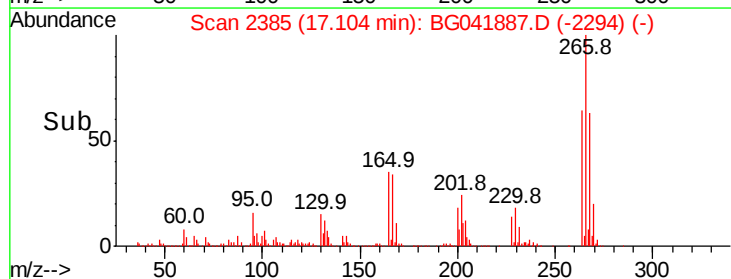
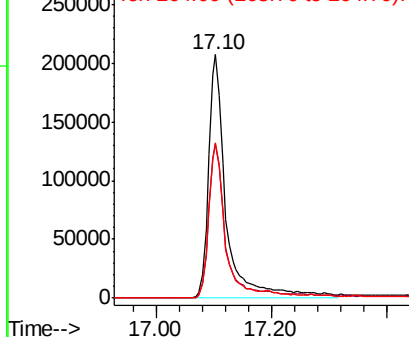


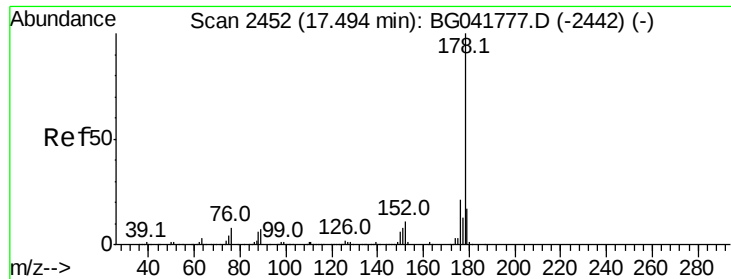
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

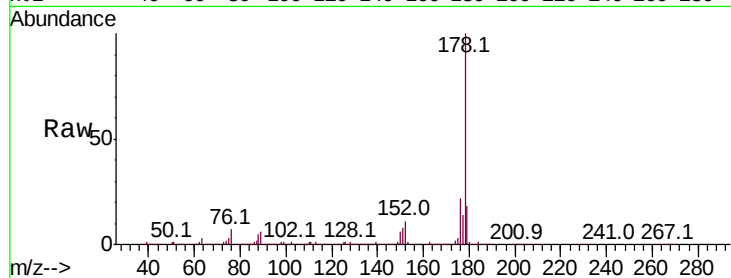




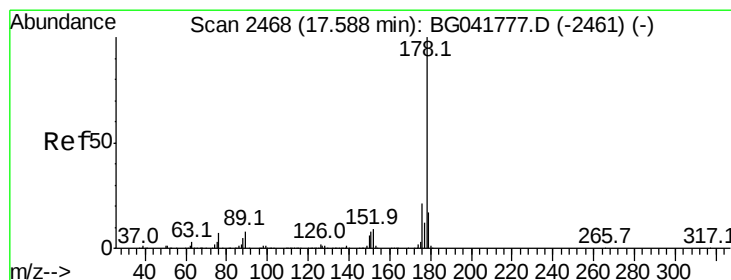
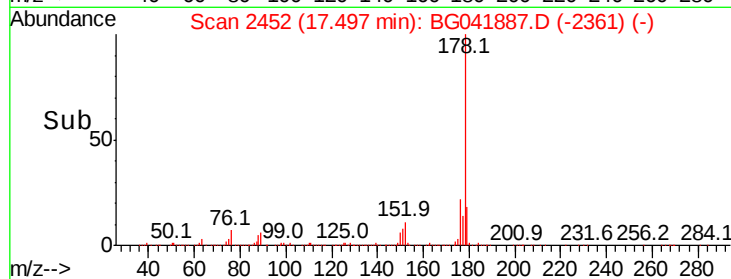
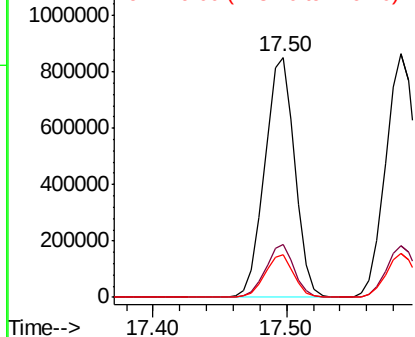
#71  
 Phenanthrene  
 Concen: 42.229 ng  
 RT: 17.50 min Scan# 2452  
 Delta R.T. 0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

Tot Ion:178 Resp: 1326211  
 Ion Ratio Lower Upper  
 178 100  
 176 21.8 18.6 28.0  
 179 17.8 15.4 23.0

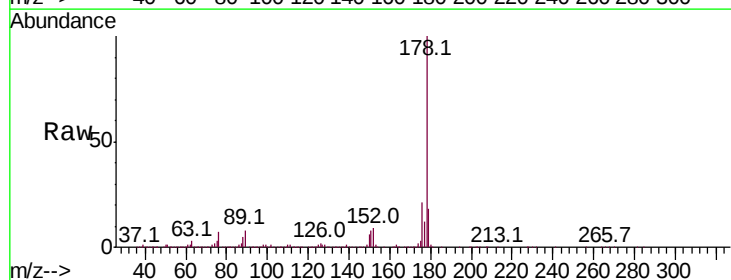


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

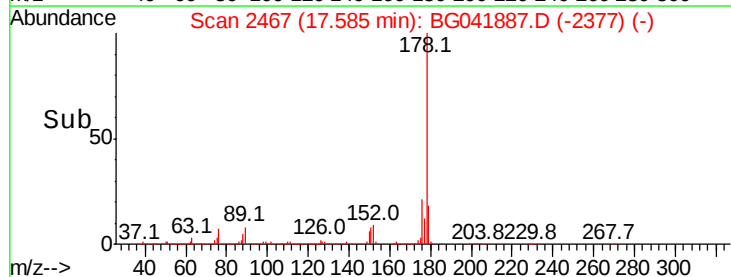
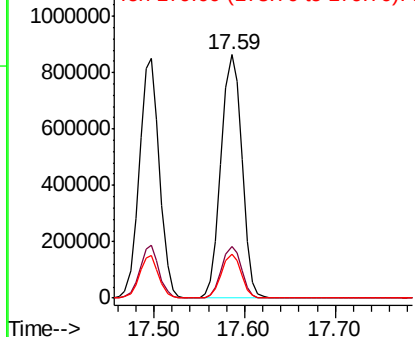


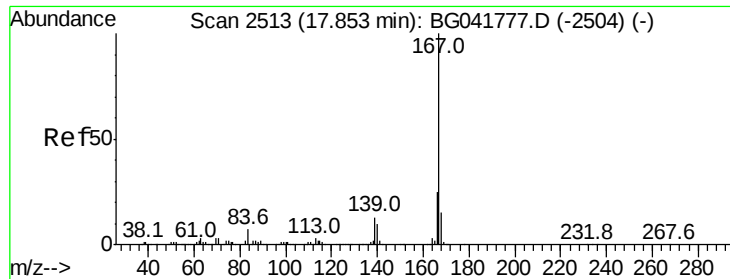
#72  
 Anthracene  
 Concen: 44.026 ng  
 RT: 17.59 min Scan# 2467  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

Tgt Ion:178 Resp: 1378944  
 Ion Ratio Lower Upper  
 178 100  
 176 21.0 18.6 28.0  
 179 18.0 15.1 22.7



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



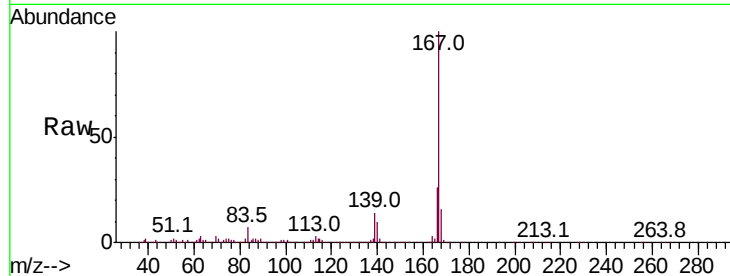


#73  
 Carbazole  
 Concen: 45.145 ng  
 RT: 17.85 min Scan# 2512  
 Delta R.T. -0.00 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

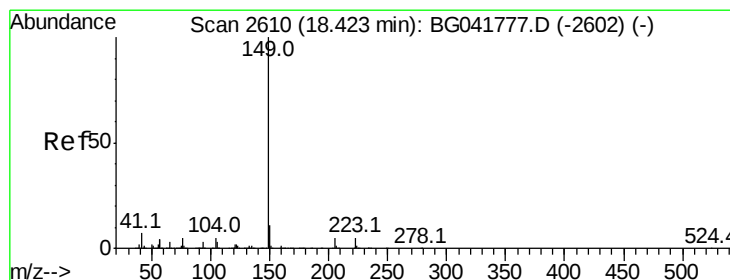
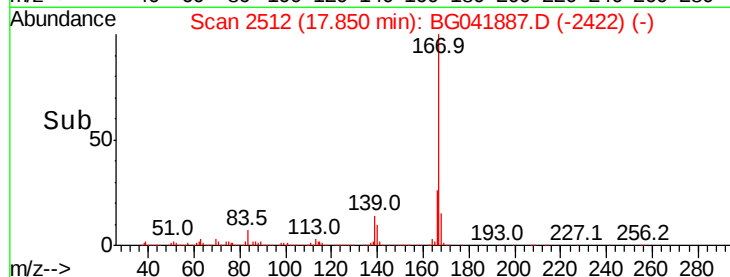
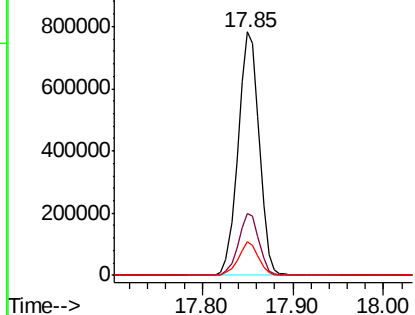
Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

Tot Ion:167 Resp: 1269108  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.6  | 21.4  | 32.2  |
| 139 | 13.6  | 12.1  | 18.1  |



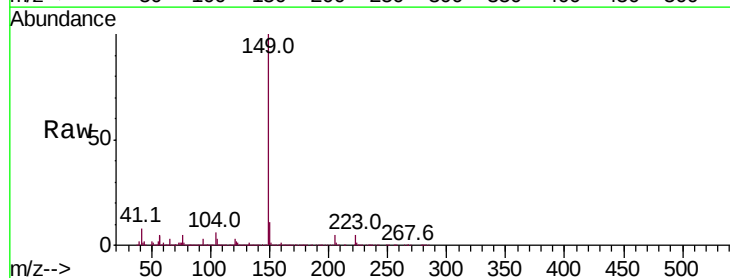
Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E



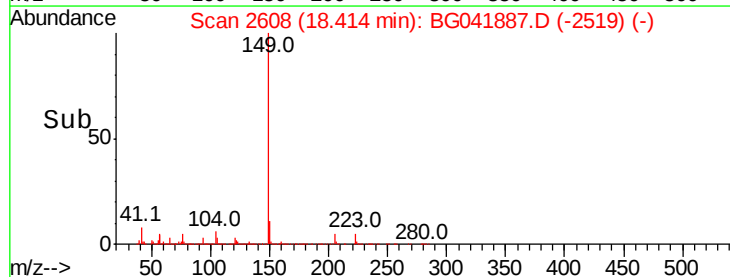
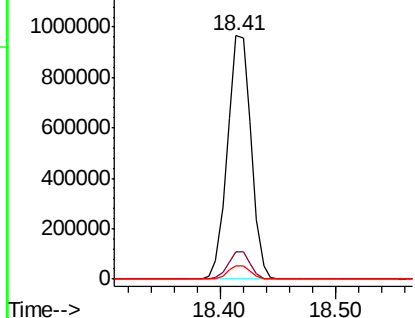
#74  
 Di-n-butylphthalate  
 Concen: 42.659 ng  
 RT: 18.41 min Scan# 2608  
 Delta R.T. -0.01 min  
 Lab File: BG041887.D  
 Acq: 2 Aug 2019 14:14

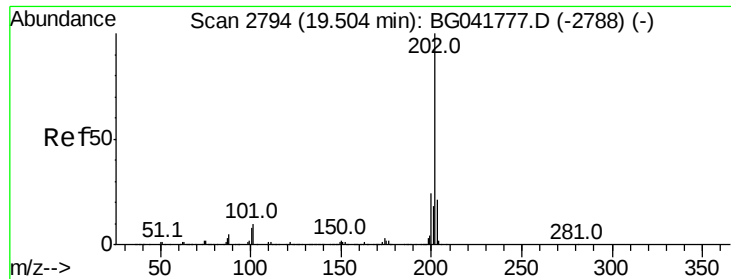
Tgt Ion:149 Resp: 1359563  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 11.1  | 10.2  | 15.2  |
| 104 | 5.6   | 5.3   | 7.9   |



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





#75

Fluoranthene

Concen: 41.797 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

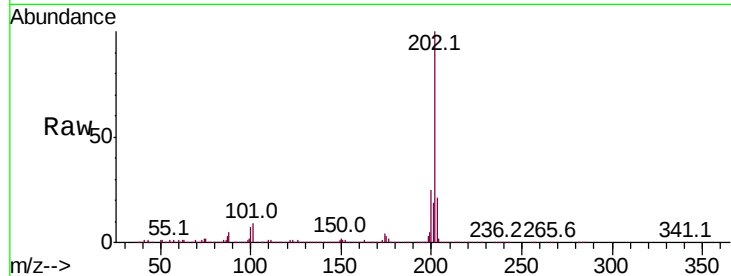
Tot Ion:202 Resp: 1595510

Ion Ratio Lower Upper

202 100

101 8.7 0.0 32.8

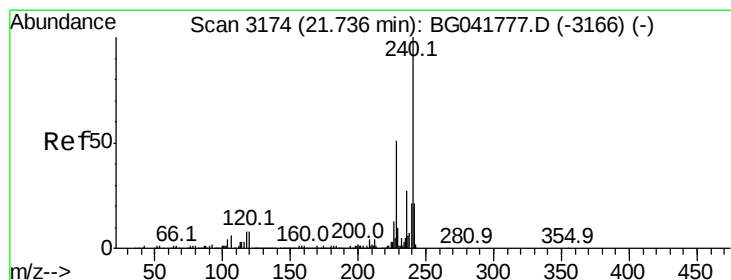
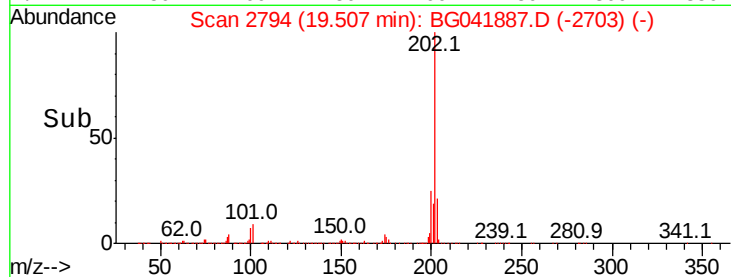
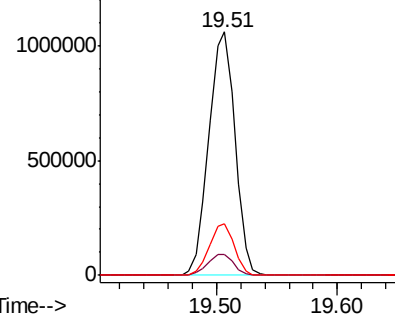
203 21.4 3.7 43.7



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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

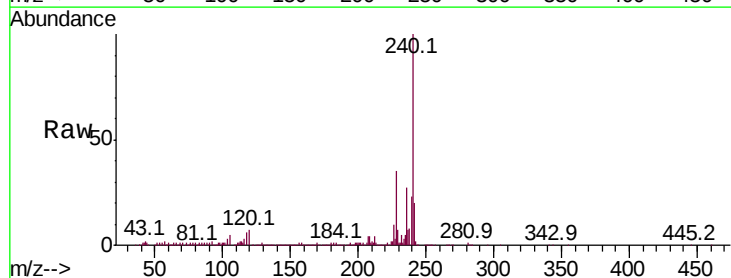
Tgt Ion:240 Resp: 684443

Ion Ratio Lower Upper

240 100

120 7.2 8.0 12.0#

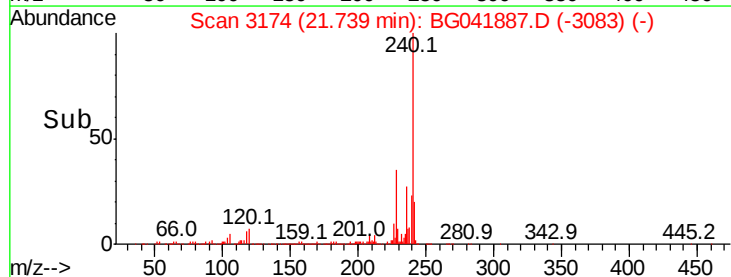
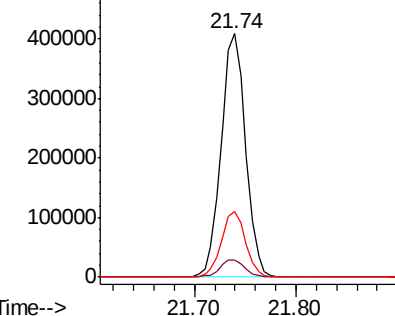
236 27.0 22.6 33.8

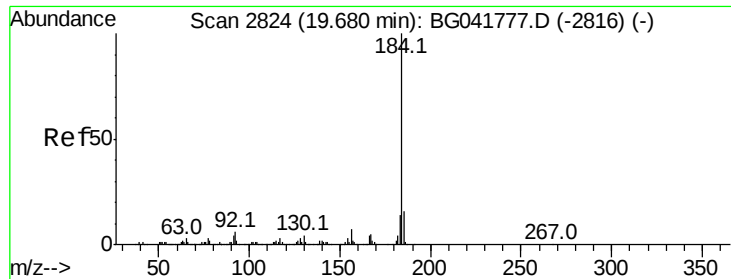


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.665 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

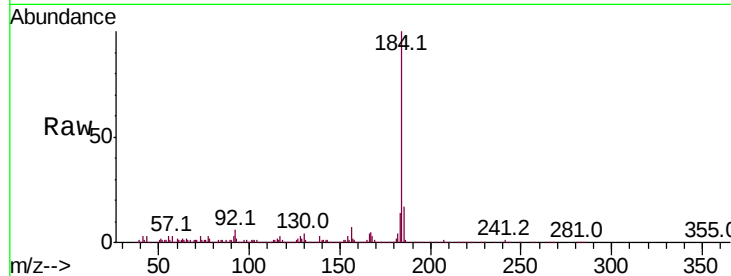
Tot Ion:184 Resp: 640377

Ion Ratio Lower Upper

184 100

185 16.8 13.0 19.4

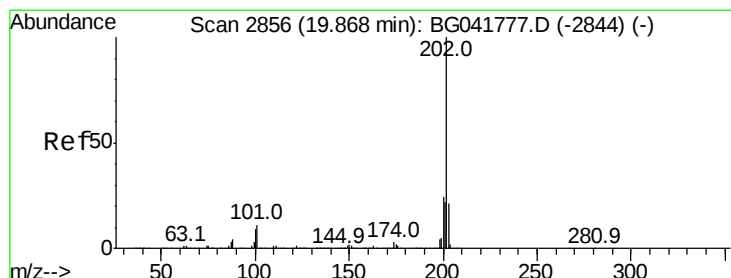
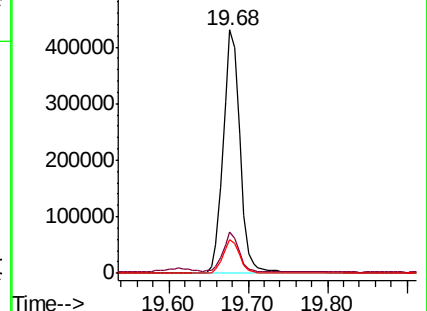
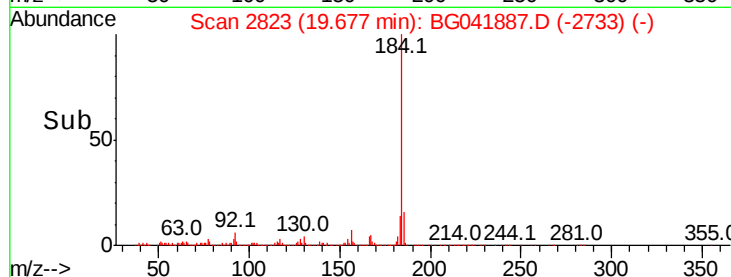
183 13.9 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.248 ng

RT: 19.87 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

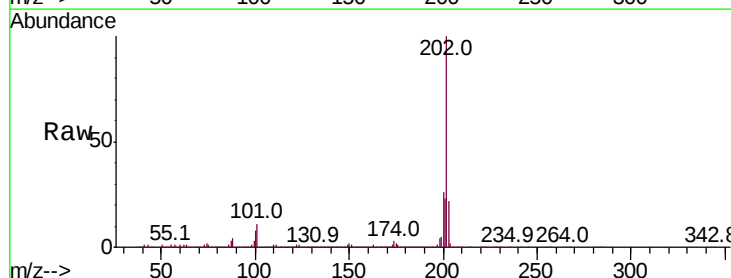
Tgt Ion:202 Resp: 1632133

Ion Ratio Lower Upper

202 100

200 25.5 22.2 33.2

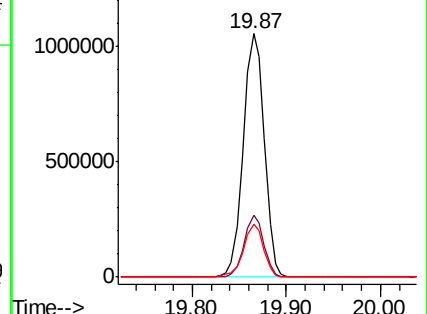
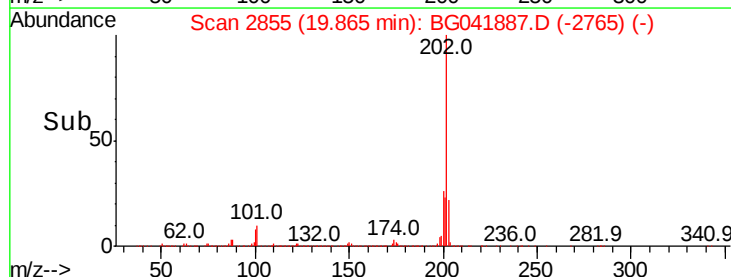
203 21.7 18.9 28.3

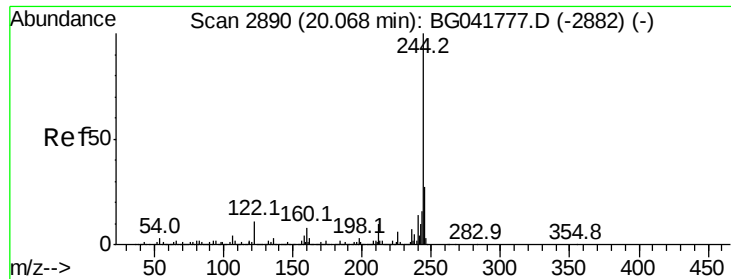


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.209 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

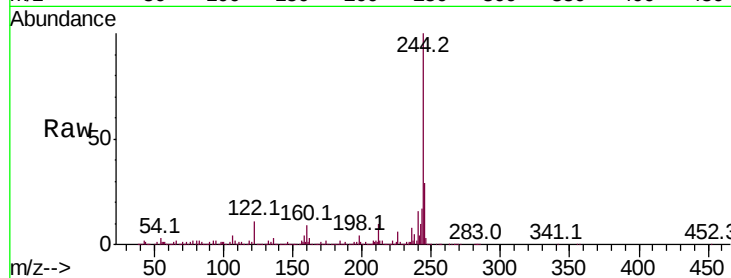
Tot Ion:244 Resp: 2249570

Ion Ratio Lower Upper

244 100

212 10.5 9.7 14.5

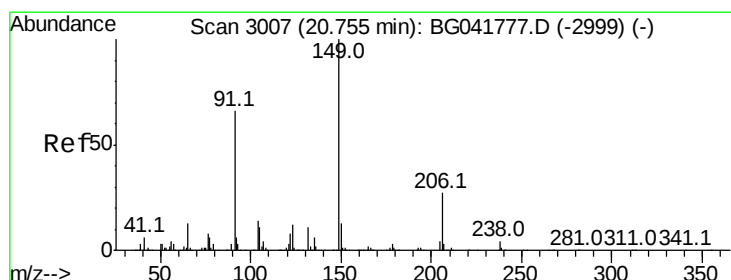
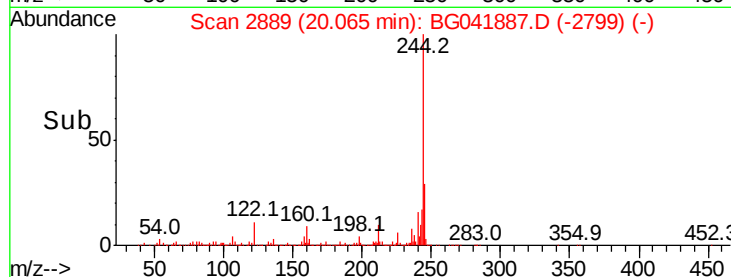
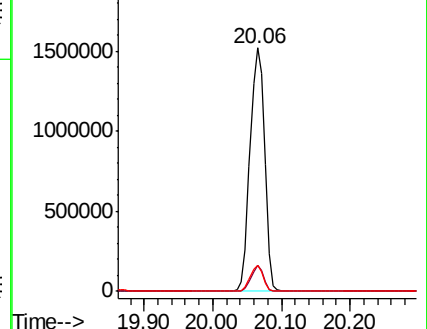
122 10.6 12.5 18.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.056 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

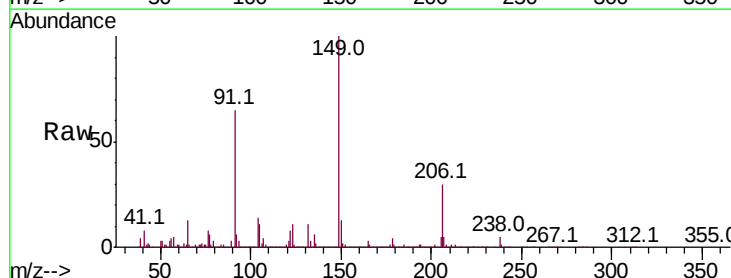
Tgt Ion:149 Resp: 669421

Ion Ratio Lower Upper

149 100

91 64.9 58.9 88.3

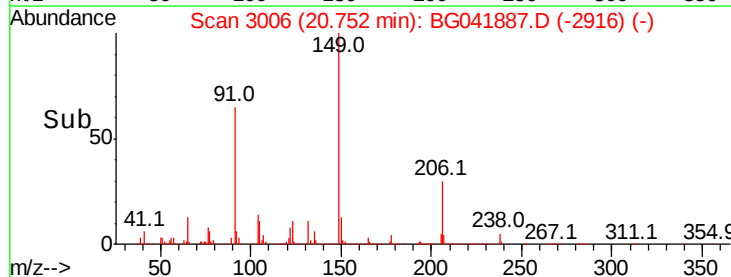
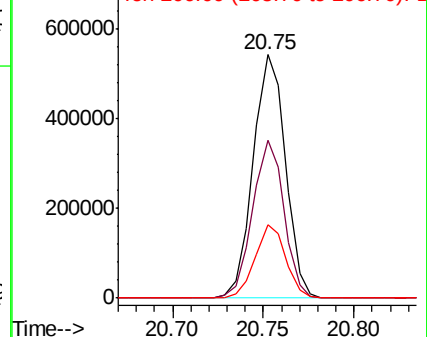
206 30.1 20.8 31.2

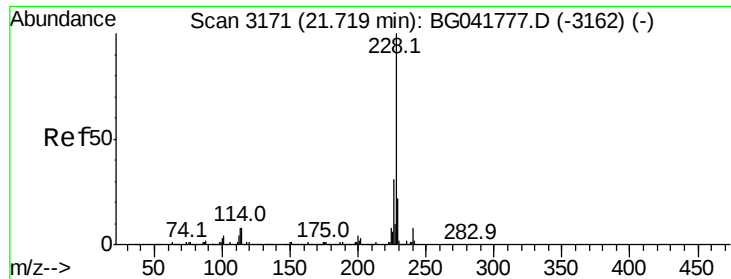


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.126 ng

RT: 21.72 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampled :

T-1MS

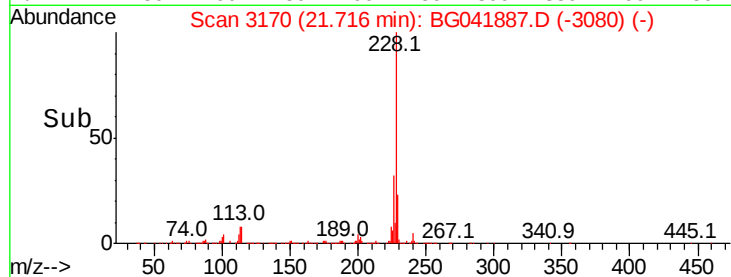
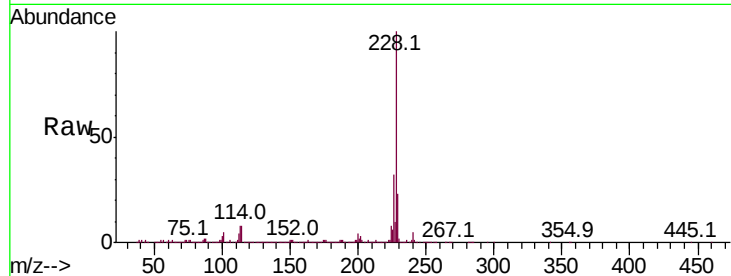
Tot Ion:228 Resp: 1665387

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.8  | 27.3  | 40.9  |
| 229 | 23.2  | 19.7  | 29.5  |

228 100

226 31.8 27.3 40.9

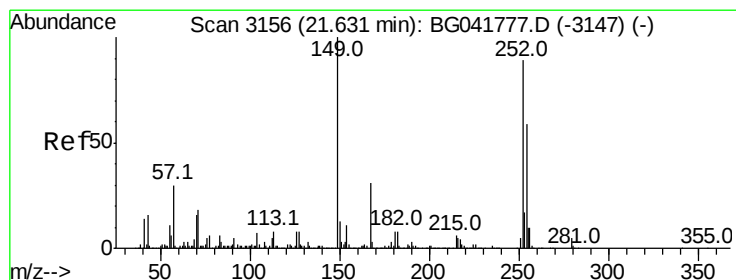
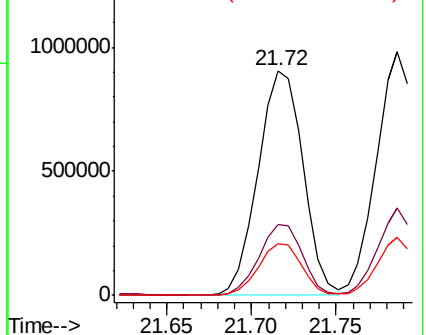
229 23.2 19.7 29.5



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: 25.790 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

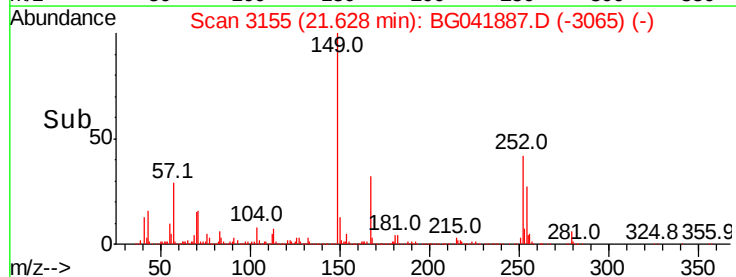
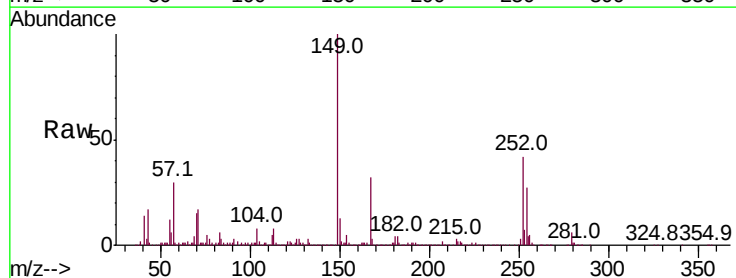
Tgt Ion:252 Resp: 419303

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.9  | 53.8  | 80.6  |
| 126 | 8.3   | 7.8   | 11.8  |

252 100

254 64.9 53.8 80.6

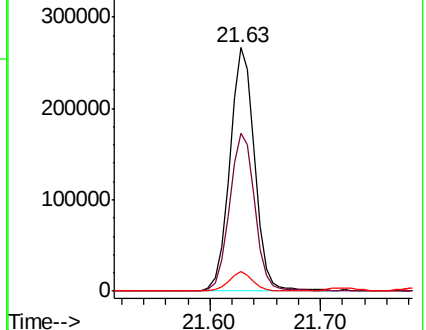
126 8.3 7.8 11.8

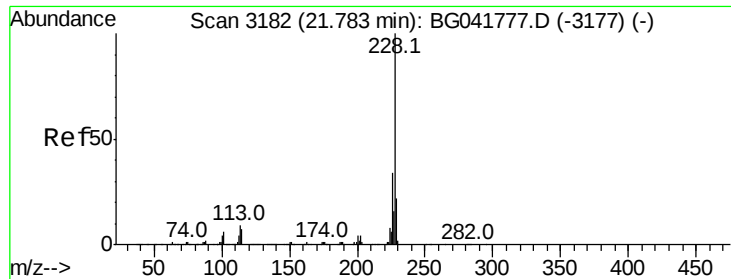


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.629 ng

RT: 21.79 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

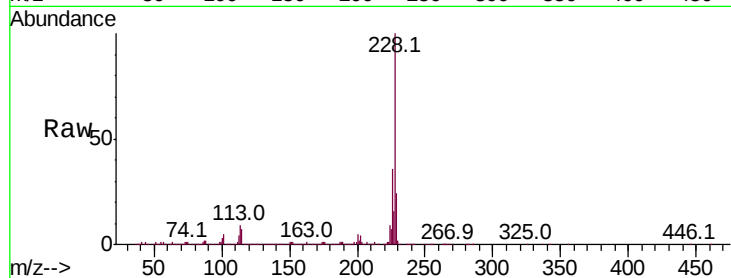
BNA\_G

ClientSampleId :

T-1MS

Tot Ion:228 Resp: 1615906

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 35.9  | 30.1  | 45.1  |
| 229 | 24.0  | 19.8  | 29.6  |

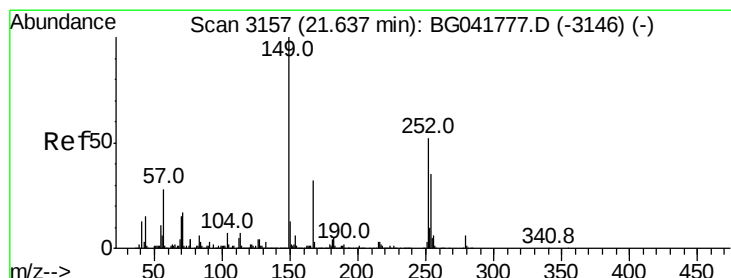
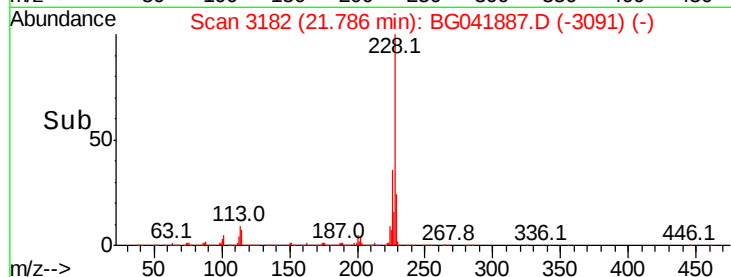
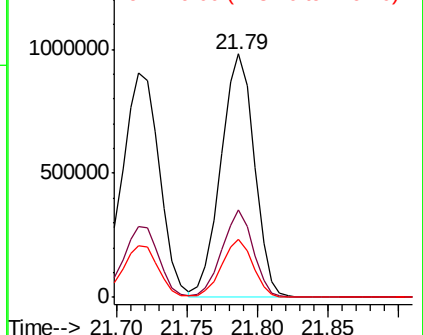


Abundance

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: 44.553 ng

RT: 21.63 min Scan# 3156

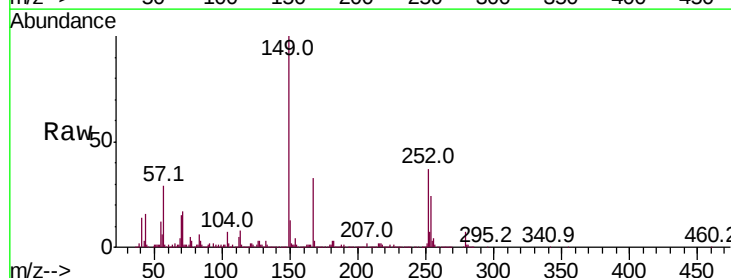
Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Tgt Ion:149 Resp: 955511

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 32.9  | 27.0  | 40.4  |
| 279 | 7.4   | 5.0   | 7.6   |

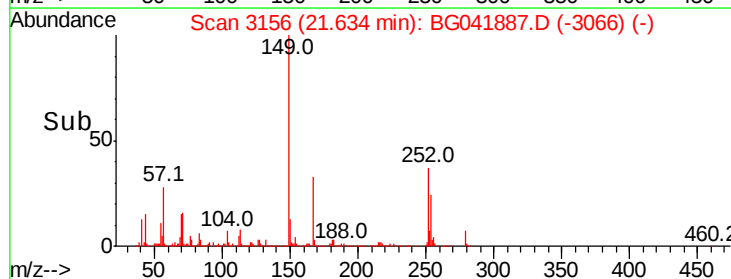
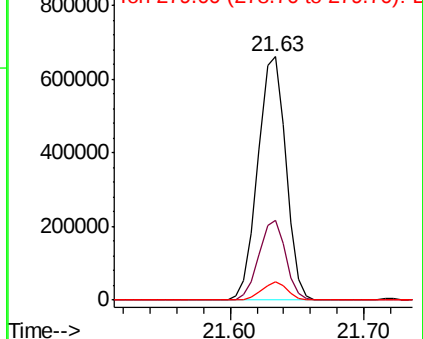


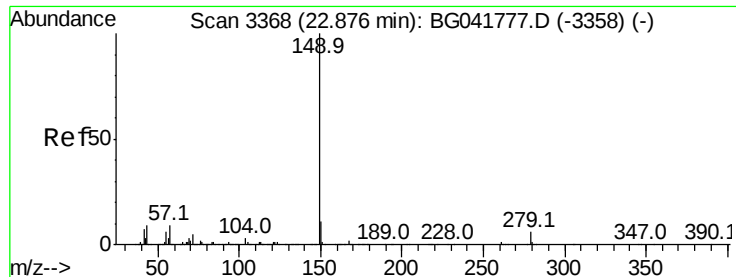
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.557 ng

RT: 22.87 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampled :

T-1MS

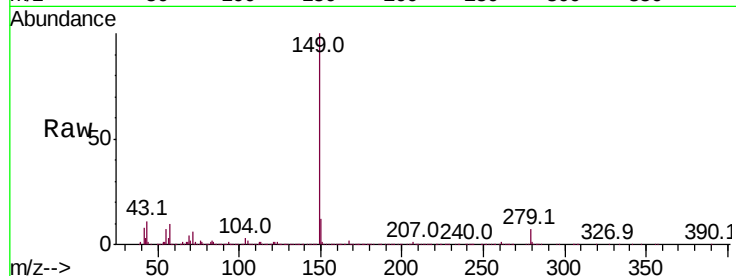
Tot Ion:149 Resp: 1644332

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

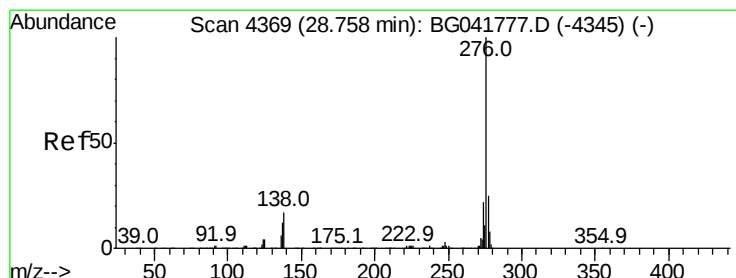
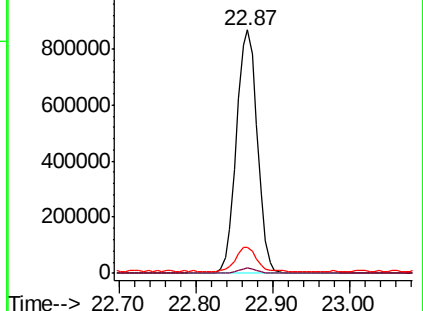
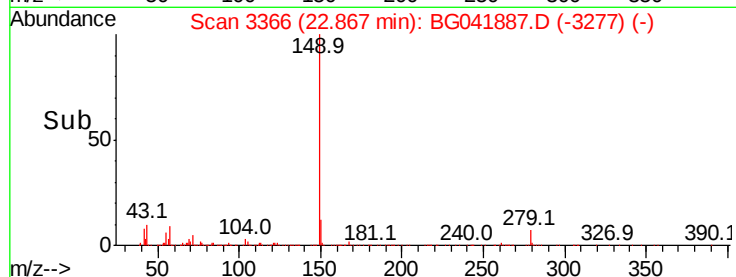
43 9.8 10.6 16.0#



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: 42.737 ng

RT: 28.76 min Scan# 4369

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

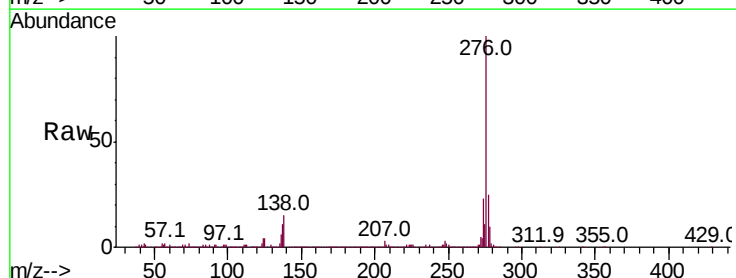
Tgt Ion:276 Resp: 2196043

Ion Ratio Lower Upper

276 100

138 11.9 19.4 29.0#

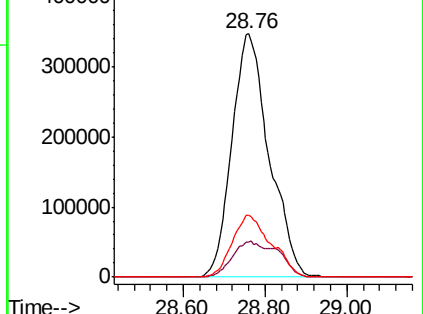
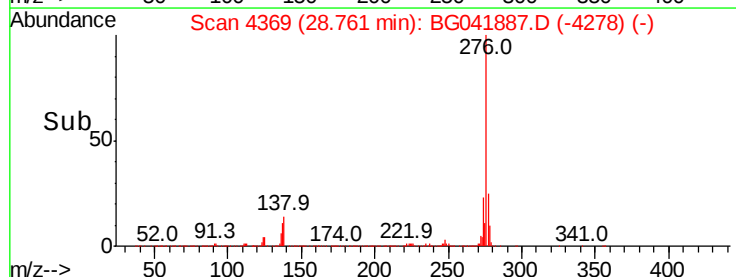
277 26.6 21.2 31.8

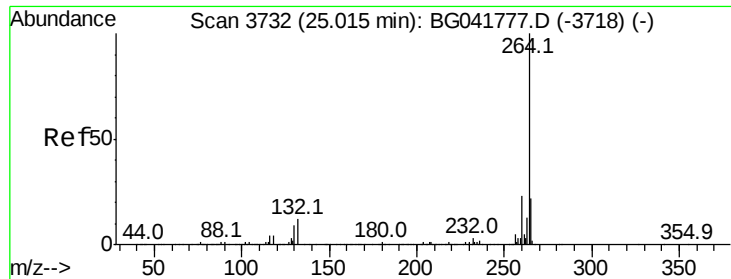


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.01 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

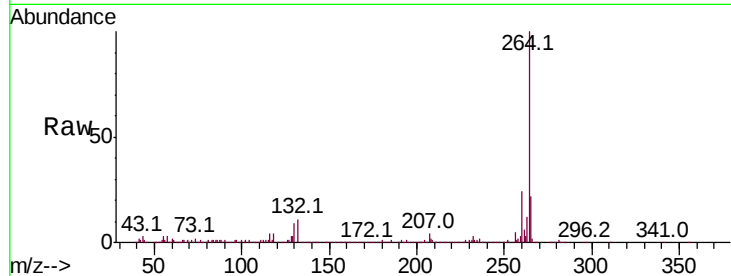
Tot Ion:264 Resp: 804164

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

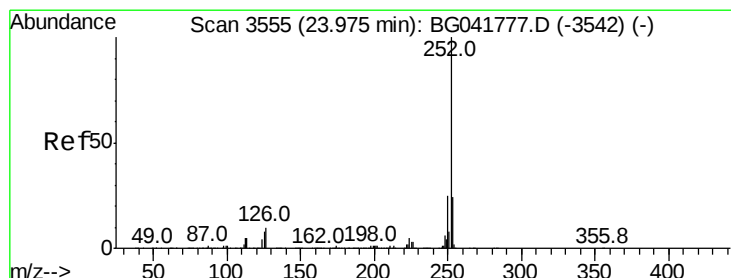
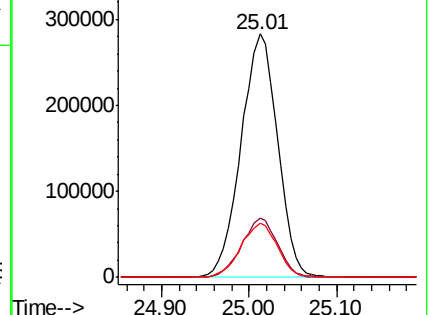
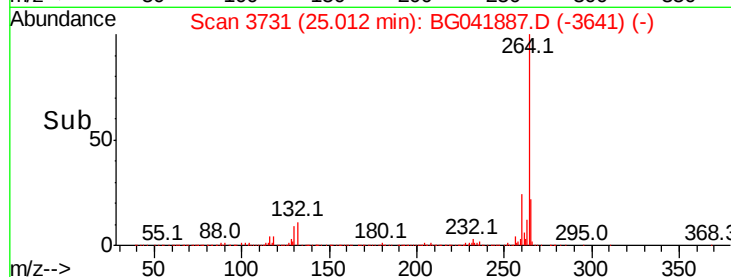
265 22.4 18.0 27.0



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: 41.659 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

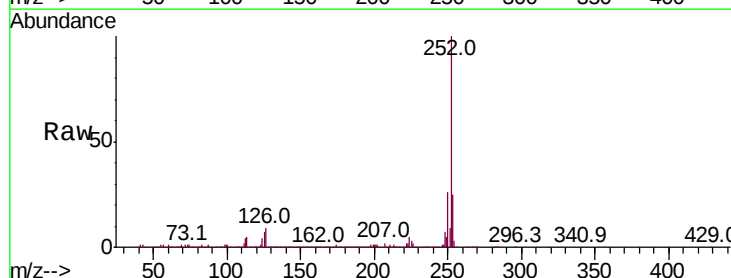
Tgt Ion:252 Resp: 1832623

Ion Ratio Lower Upper

252 100

253 25.0 20.6 30.8

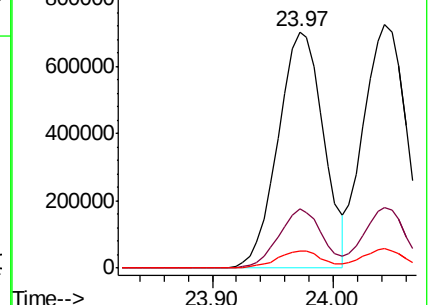
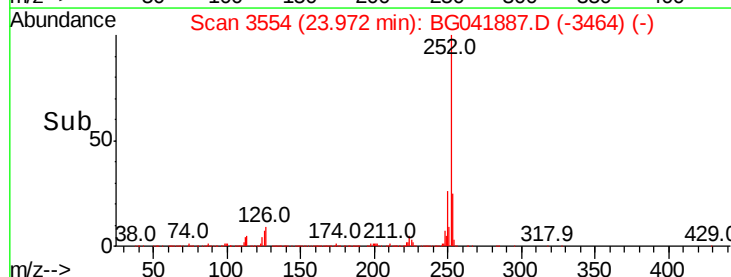
125 7.1 8.0 12.0#

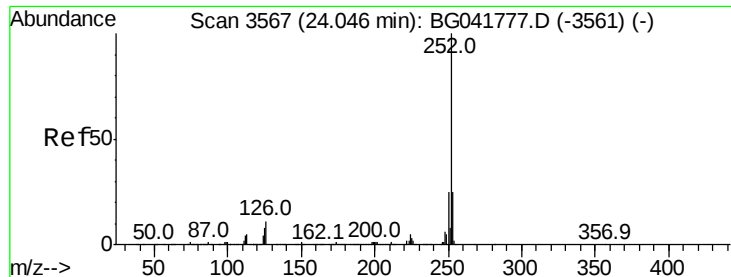


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.794 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

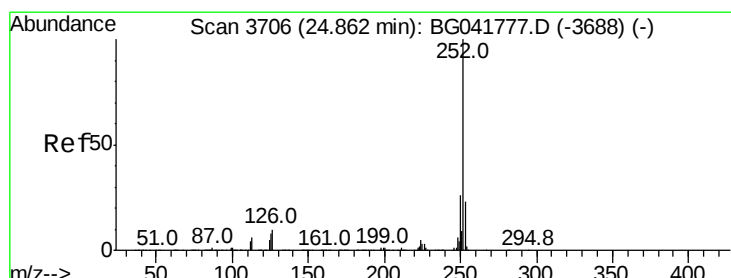
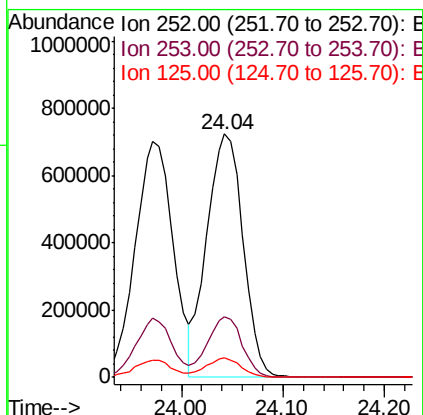
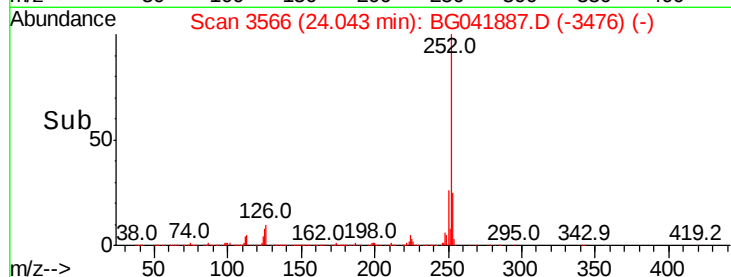
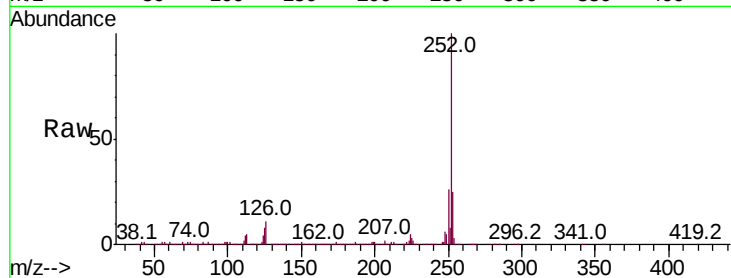
Tot Ion:252 Resp: 1790963

Ion Ratio Lower Upper

252 100

253 24.9 20.5 30.7

125 7.8 8.4 12.6#



#90

Benzo(a)pyrene

Concen: 42.989 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

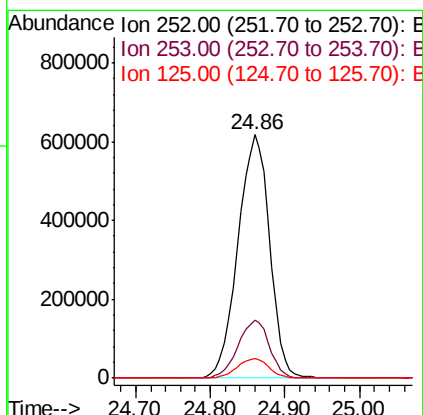
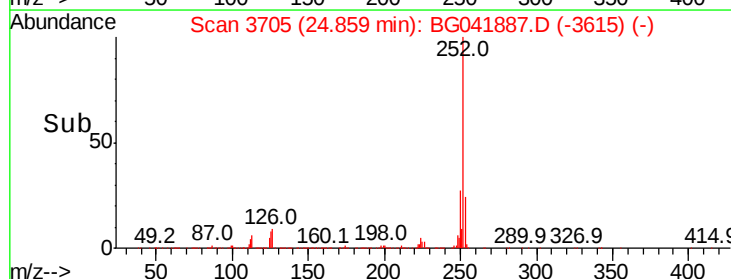
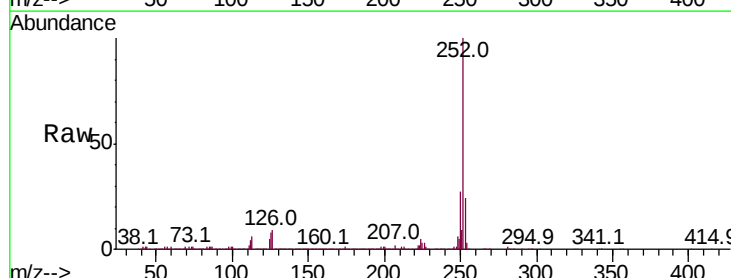
Tgt Ion:252 Resp: 1813756

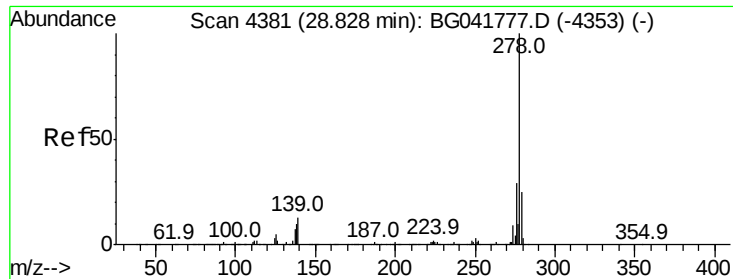
Ion Ratio Lower Upper

252 100

253 23.7 19.8 29.8

125 7.9 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 43.839 ng

RT: 28.83 min Scan# 4381

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA\_G

ClientSampleId :

T-1MS

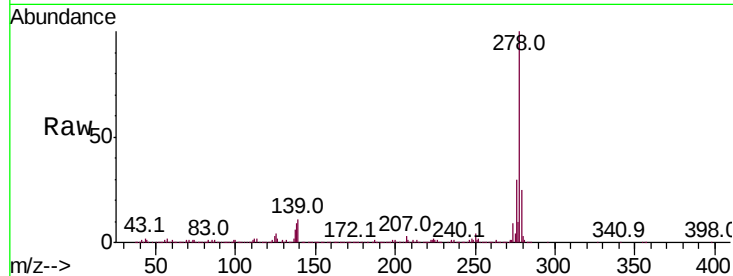
Tot Ion:278 Resp: 1816157

Ion Ratio Lower Upper

278 100

139 10.8 12.6 19.0#

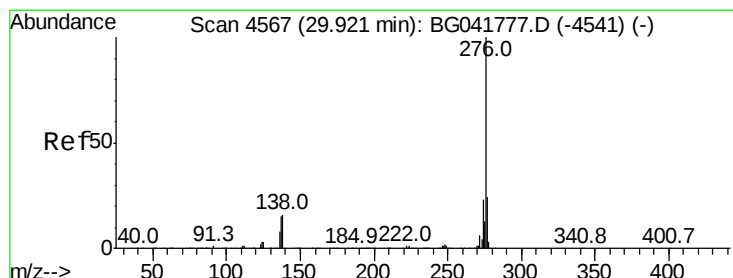
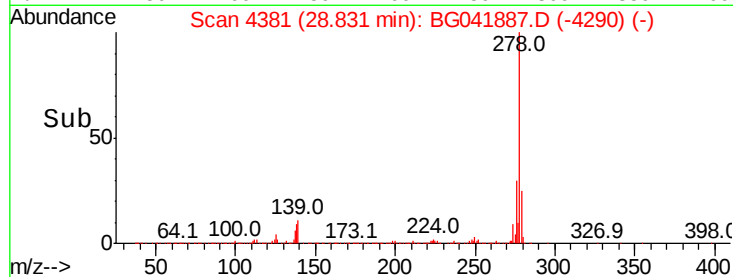
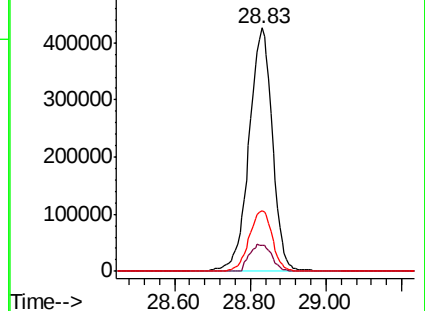
279 25.0 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.633 ng

RT: 29.94 min Scan# 4569

Delta R.T. 0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

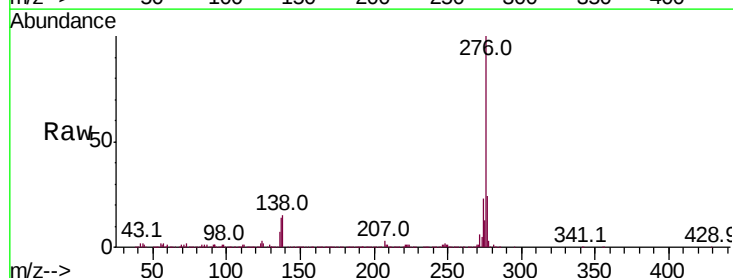
Tgt Ion:276 Resp: 1805931

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 14.9 16.6 25.0#



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

