

Data File : BG044137.D  
Acq On : 21 Jan 2020 17:20  
Operator : JU  
Sample : L1211-03MS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

Quant Time: Jan 22 06:45:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG123019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 31 13:32:23 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.93  | 152  | 92768    | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 10.73 | 136  | 401896   | 20.00 | ng    | -0.03    |
| 39) Acenaphthene-d10      | 14.57 | 164  | 250901   | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 17.31 | 188  | 515277   | 20.00 | ng    | -0.03    |
| 76) Chrysene-d12          | 21.56 | 240  | 431884   | 20.00 | ng    | -0.03    |
| 87) Perylene-d12          | 24.66 | 264  | 496543   | 20.00 | ng    | -0.06    |

#### System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.51  | 112 | 803064  | 158.95 | ng | -0.03 |
| 7) Phenol-d6             | 7.11  | 99  | 1070408 | 151.57 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.09  | 82  | 656252  | 87.35  | ng | -0.03 |
| 42) 2,4,6-Tribromophenol | 16.06 | 330 | 382940  | 145.85 | ng | -0.03 |
| 45) 2-Fluorobiphenyl     | 13.19 | 172 | 1360678 | 98.26  | ng | -0.03 |
| 79) Terphenyl-d14        | 19.92 | 244 | 1843414 | 111.16 | ng | -0.03 |

#### Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.40  | 88  | 86205  | 39.132 | ng | 98     |
| 3) Pyridine                    | 3.79  | 79  | 222890 | 34.249 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.70  | 42  | 120311 | 41.524 | ng | 95     |
| 6) Aniline                     | 7.25  | 93  | 237449 | 25.598 | ng | 97     |
| 8) 2-Chlorophenol              | 7.50  | 128 | 313330 | 52.826 | ng | 100    |
| 9) Benzaldehyde                | 7.06  | 77  | 152287 | 33.691 | ng | 99     |
| 10) Phenol                     | 7.13  | 94  | 398329 | 54.742 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.35  | 93  | 281336 | 44.792 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.82  | 146 | 306801 | 44.202 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.97  | 146 | 307749 | 44.937 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.28  | 146 | 293301 | 44.619 | ng | 99     |
| 15) Benzyl Alcohol             | 8.17  | 79  | 258946 | 46.458 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.46  | 45  | 385444 | 39.665 | ng | 99     |
| 17) 2-Methylphenol             | 8.38  | 107 | 266786 | 50.665 | ng | 98     |
| 18) Hexachloroethane           | 9.02  | 117 | 117202 | 43.981 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.74  | 70  | 226801 | 43.123 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.71  | 107 | 363328 | 49.461 | ng | 99     |
| 22) Acetophenone               | 8.75  | 105 | 417767 | 41.812 | ng | 99     |
| 24) Nitrobenzene               | 9.13  | 77  | 322206 | 43.303 | ng | 98     |
| 25) Isophorone                 | 9.65  | 82  | 615220 | 43.650 | ng | 100    |
| 26) 2-Nitrophenol              | 9.84  | 139 | 175025 | 49.719 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.91  | 122 | 294434 | 55.563 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.14 | 93  | 394393 | 41.972 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.38 | 162 | 302061 | 47.787 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.60 | 180 | 304812 | 43.008 | ng | 98     |
| 31) Naphthalene                | 10.78 | 128 | 897596 | 46.153 | ng | 98     |
| 32) Benzoic acid               | 10.06 | 122 | 135841 | 33.634 | ng | 96     |
| 33) 4-Chloroaniline            | 10.89 | 127 | 113196 | 12.203 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.08 | 225 | 176973 | 40.898 | ng | 97     |
| 35) Caprolactam                | 11.66 | 113 | 79449  | 33.764 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.02 | 107 | 316292 | 47.004 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.39 | 142 | 664977 | 45.416 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.61 | 142 | 635274 | 45.779 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 316543 | 43.044 | ng | 99     |

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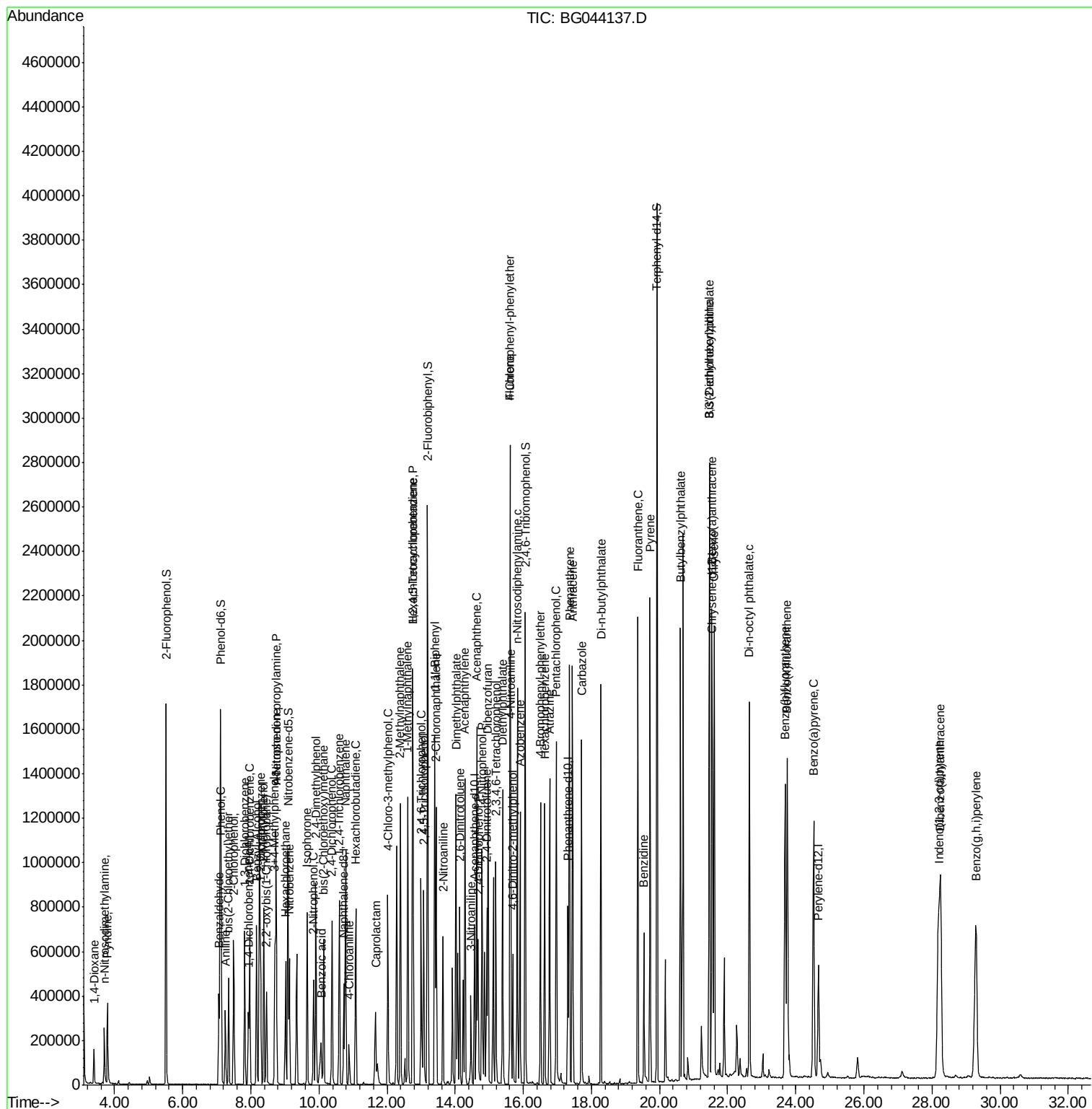
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.75 | 237  | 402296   | 105.519 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.00 | 196  | 234512   | 46.345  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.08 | 196  | 249176   | 47.745  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.40 | 154  | 830974   | 46.193  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.44 | 162  | 646952   | 44.506  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.64 | 65   | 197733   | 42.287  | ng    | 99       |
| 49) Acenaphthylene             | 14.29 | 152  | 1021152  | 48.875  | ng    | 98       |
| 50) Dimethylphthalate          | 14.02 | 163  | 898244   | 50.421  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.14 | 165  | 184984   | 45.941  | ng    | 97       |
| 52) Acenaphthene               | 14.63 | 154  | 634327   | 43.293  | ng    | 96       |
| 53) 3-Nitroaniline             | 14.46 | 138  | 111664   | 24.421  | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.68 | 184  | 173019   | 84.046  | ng    | 97       |
| 55) Dibenzofuran               | 14.96 | 168  | 956383   | 47.415  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.79 | 139  | 333282   | 95.116  | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 14.93 | 165  | 257616   | 47.019  | ng    | 98       |
| 58) Fluorene                   | 15.62 | 166  | 749347   | 46.872  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.19 | 232  | 209099   | 46.594  | ng    | 99       |
| 60) Diethylphthalate           | 15.39 | 149  | 811785   | 45.559  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.61 | 204  | 391374   | 45.084  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.63 | 138  | 185462   | 41.073  | ng    | 95       |
| 63) Azobenzene                 | 15.90 | 77   | 761281   | 46.069  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.69 | 198  | 142650   | 53.208  | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.82 | 169  | 699631   | 46.107  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.50 | 248  | 251280   | 43.359  | ng    | 99       |
| 68) Hexachlorobenzene          | 16.63 | 284  | 267316   | 42.808  | ng    | 99       |
| 69) Atrazine                   | 16.77 | 200  | 252689   | 51.230  | ng    | 98       |
| 70) Pentachlorophenol          | 16.97 | 266  | 290794   | 84.476  | ng    | 100      |
| 71) Phenanthrene               | 17.36 | 178  | 1152278  | 46.622  | ng    | 98       |
| 72) Anthracene                 | 17.44 | 178  | 1199863  | 49.123  | ng    | 98       |
| 73) Carbazole                  | 17.71 | 167  | 1064806  | 47.194  | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.28 | 149  | 1312739  | 45.570  | ng    | 97       |
| 75) Fluoranthene               | 19.36 | 202  | 1321753  | 46.762  | ng    | 97       |
| 77) Benzidine                  | 19.54 | 184  | 443425   | 40.847  | ng    | 97       |
| 78) Pyrene                     | 19.72 | 202  | 1323295  | 46.941  | ng    | 97       |
| 80) Butylbenzylphthalate       | 20.62 | 149  | 620257   | 46.214  | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.54 | 228  | 1265582  | 47.259  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.46 | 252  | 272200   | 25.728  | ng    | 99       |
| 83) Chrysene                   | 21.60 | 228  | 1202544  | 47.258  | ng    | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 21.46 | 149  | 877300   | 47.373  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.64 | 149  | 1529834  | 49.138  | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.20 | 276  | 1577155  | 45.607  | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 23.69 | 252  | 1347188  | 45.894  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.75 | 252  | 1285721  | 46.060  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.52 | 252  | 1237543  | 44.668  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.25 | 278  | 1282987  | 46.110  | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 29.29 | 276  | 1317844  | 47.682  | ng    | 97       |

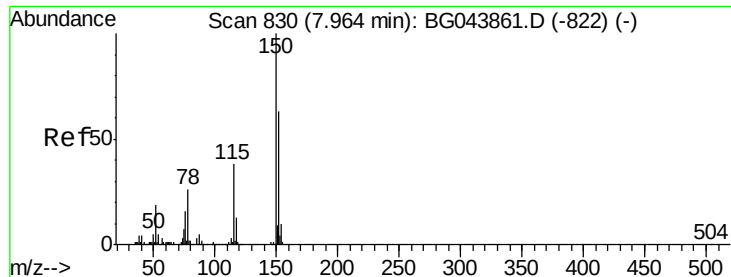
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

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BNA\_G

ClientSampleId :

B1-15-30MS

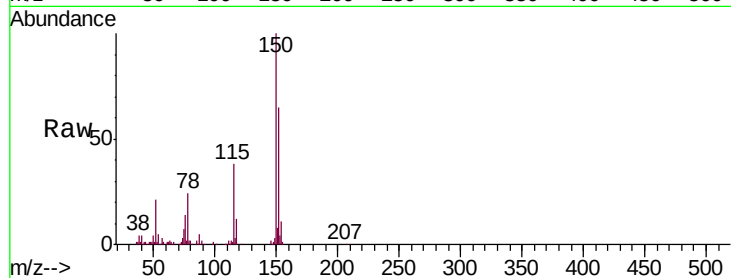
Tgt Ion:152 Resp: 92768

Ion Ratio Lower Upper

152 100

150 153.2 127.0 190.4

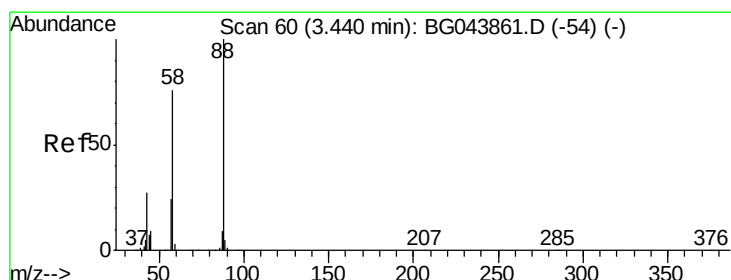
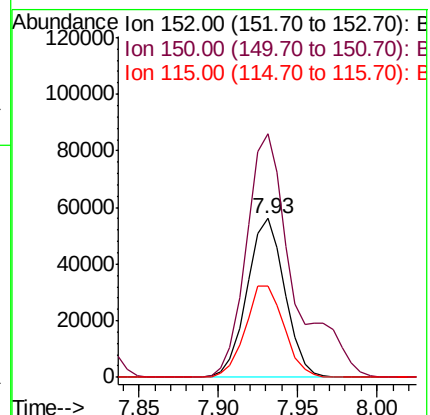
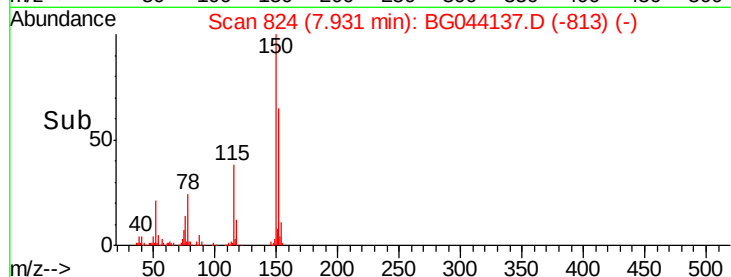
115 57.6 47.8 71.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.132 ng

RT: 3.40 min Scan# 52

Delta R.T. -0.05 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

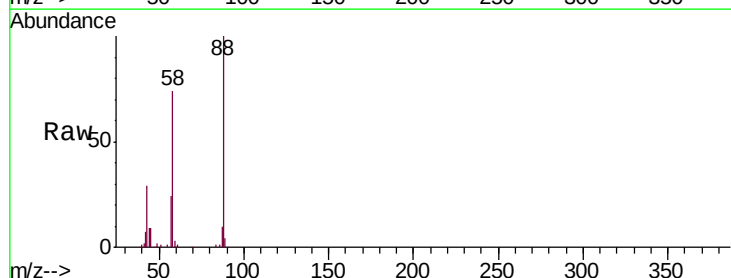
Tgt Ion: 88 Resp: 86205

Ion Ratio Lower Upper

88 100

58 72.4 59.8 89.8

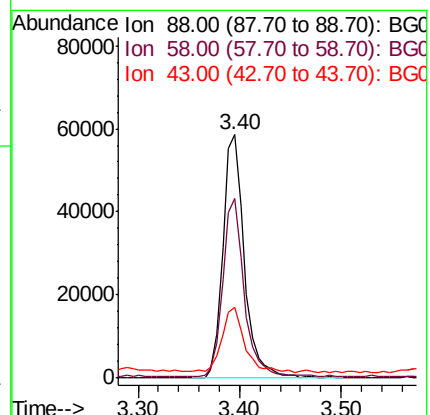
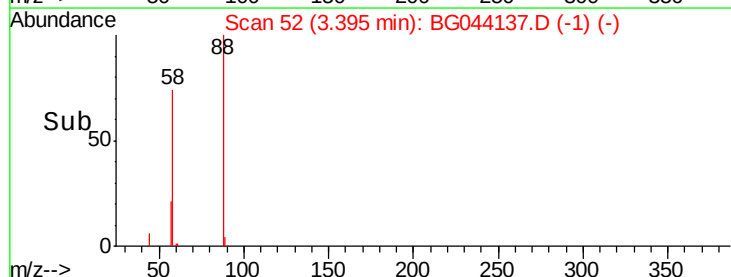
43 27.9 22.9 34.3

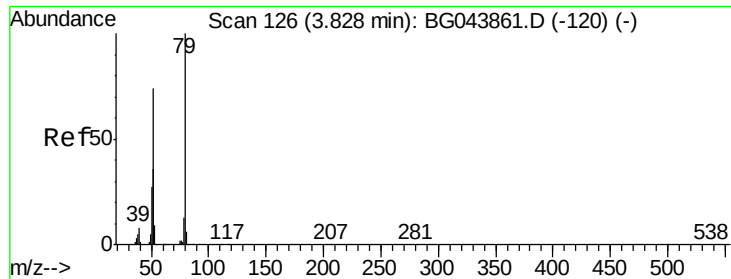


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.249 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044137.D

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BNA\_G

ClientSampleId :

B1-15-30MS

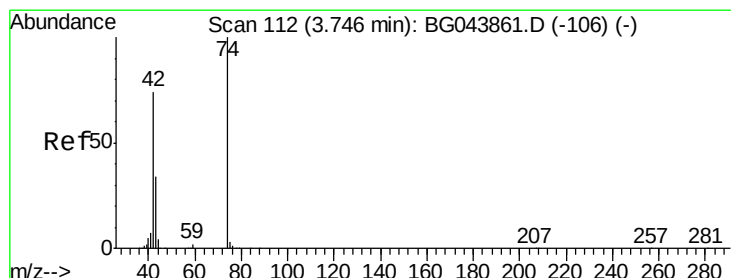
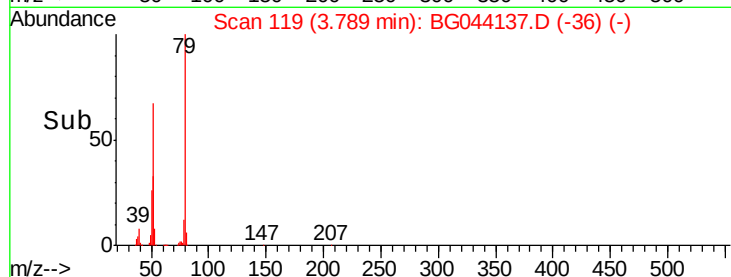
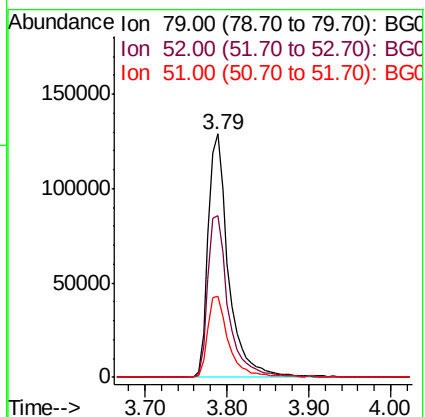
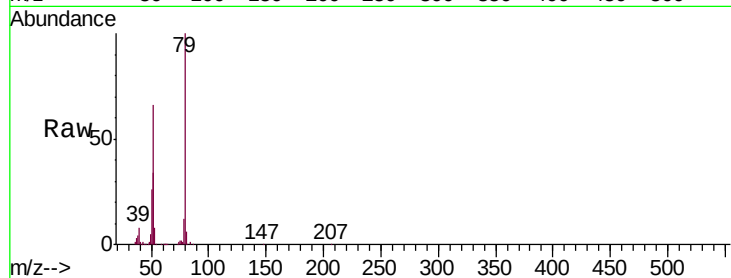
Tgt Ion: 79 Resp: 222890

Ion Ratio Lower Upper

79 100

52 66.4 58.9 88.3

51 33.5 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 41.524 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.05 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

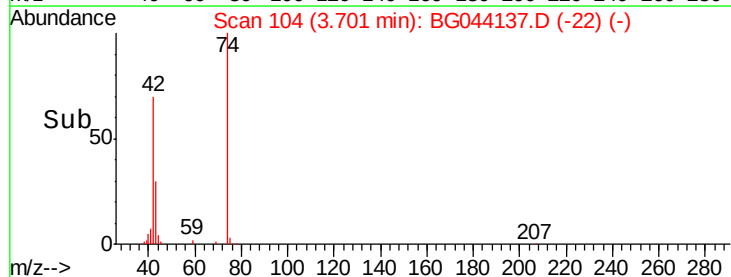
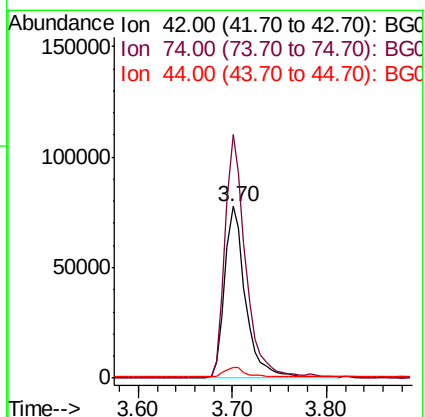
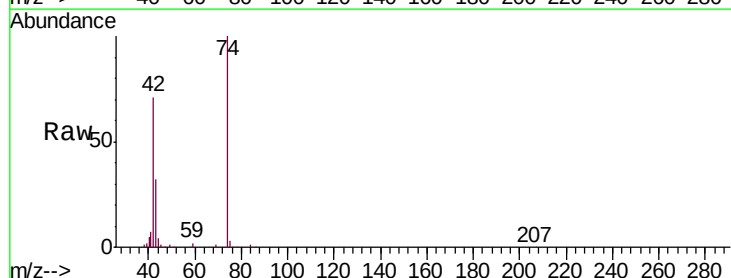
Tgt Ion: 42 Resp: 120311

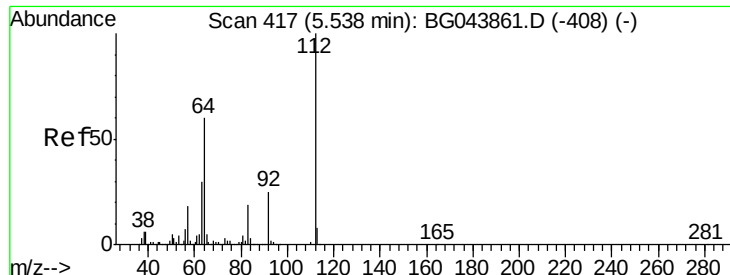
Ion Ratio Lower Upper

42 100

74 141.7 108.6 162.8

44 6.4 5.0 7.6





#5

2-Fluorophenol

Concen: 158.947 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

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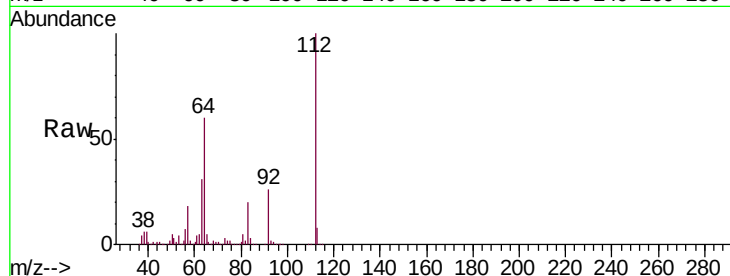
Tgt Ion: 112 Resp: 803064

Ion Ratio Lower Upper

112 100

64 59.9 47.8 71.6

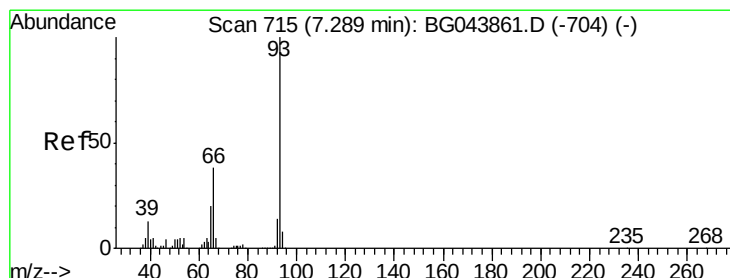
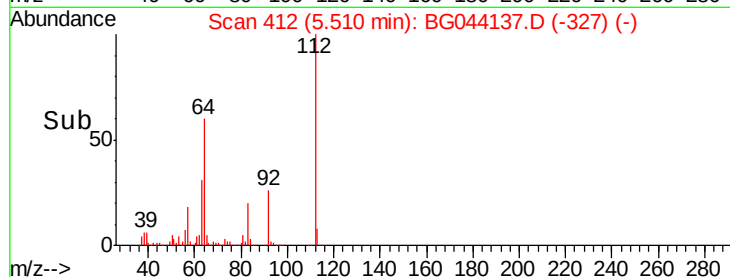
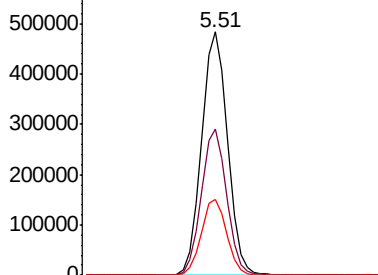
63 31.3 24.3 36.5



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: 25.598 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

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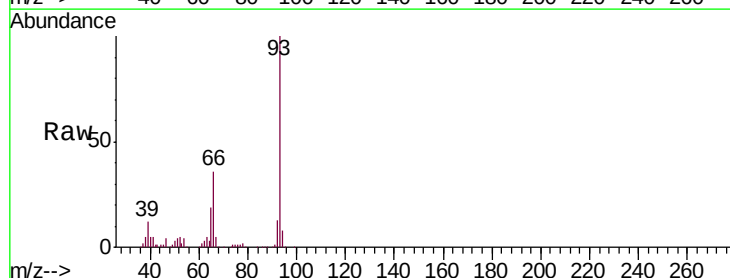
Tgt Ion: 93 Resp: 237449

Ion Ratio Lower Upper

93 100

66 36.3 30.8 46.2

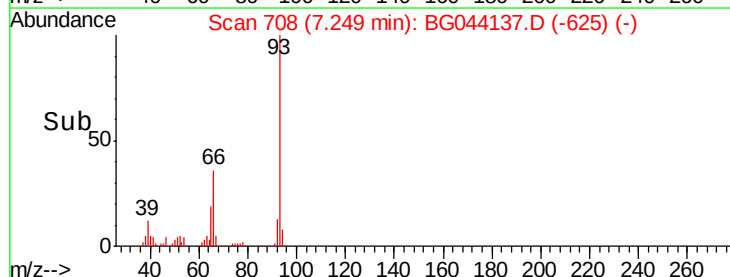
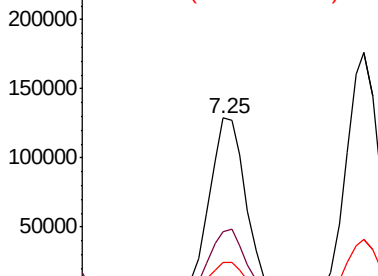
65 19.1 16.0 24.0

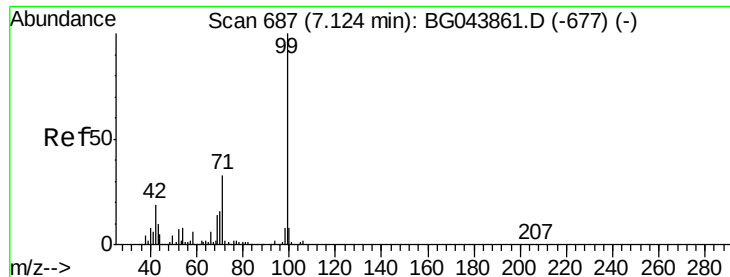


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.566 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

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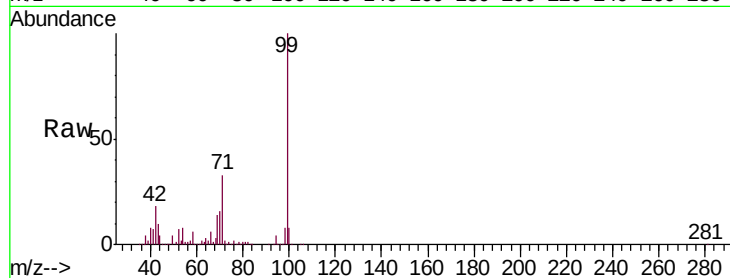
Tgt Ion: 99 Resp: 1070408

Ion Ratio Lower Upper

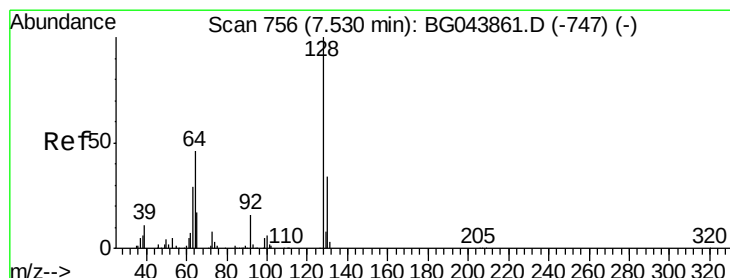
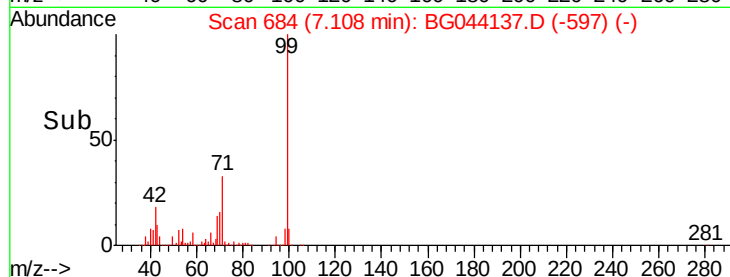
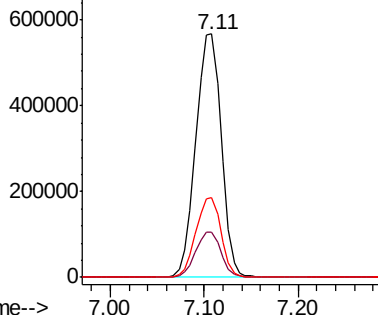
99 100

42 18.3 14.9 22.3

71 32.9 26.4 39.6



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: 52.826 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.03 min

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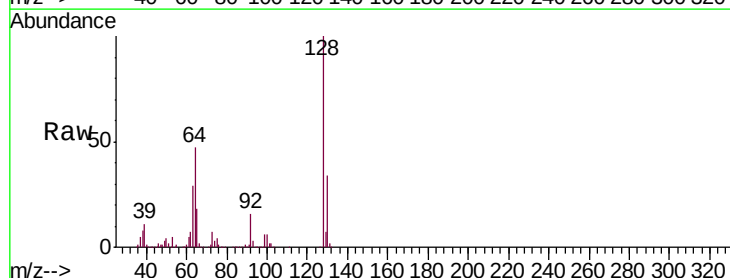
Tgt Ion: 128 Resp: 313330

Ion Ratio Lower Upper

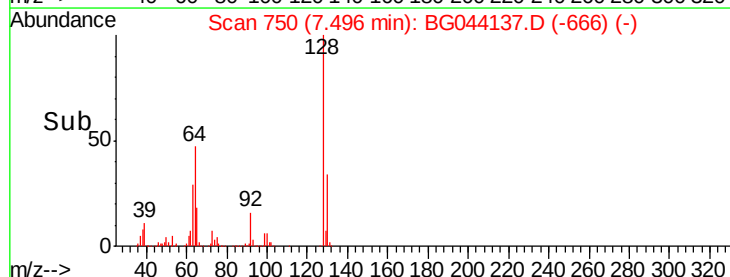
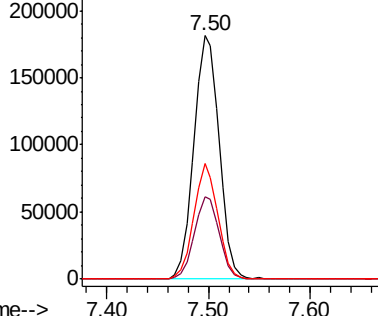
128 100

130 33.7 13.8 53.8

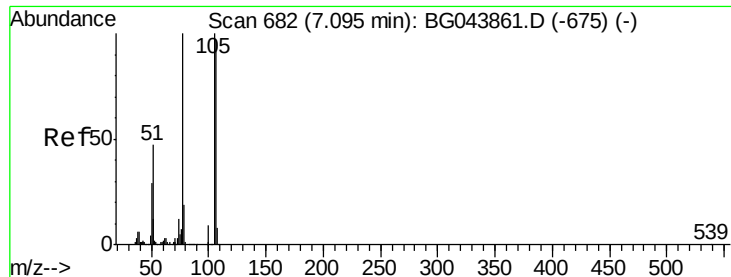
64 47.3 27.6 67.6



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







#9

Benzaldehyde

Concen: 33.691 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

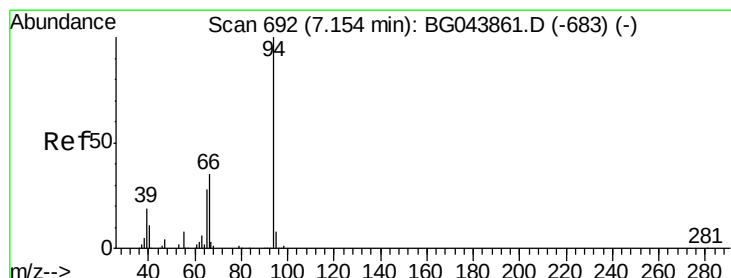
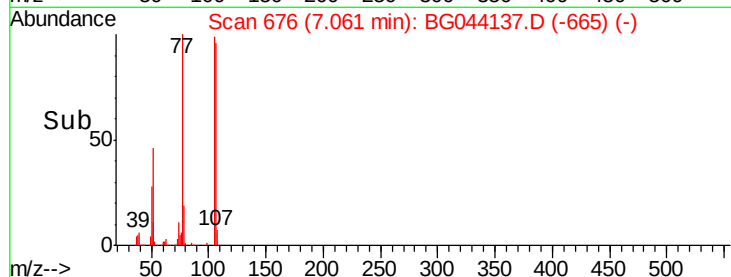
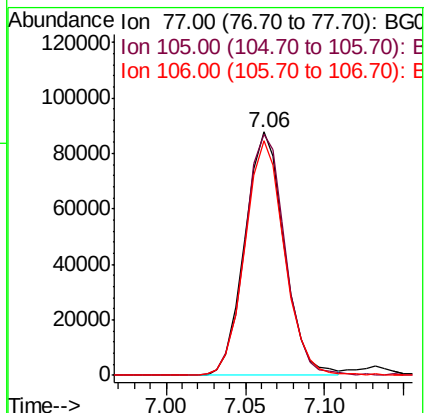
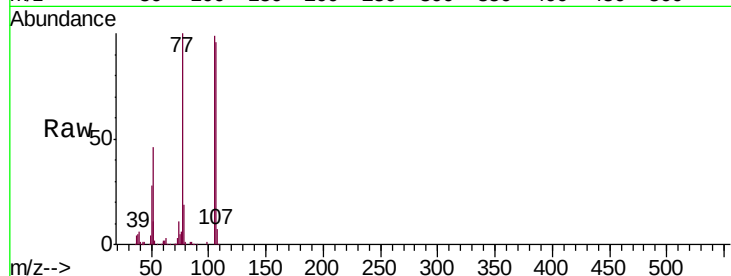
Tgt Ion: 77 Resp: 152287

Ion Ratio Lower Upper

77 100

105 98.9 80.2 120.2

106 96.4 77.2 117.2



#10

Phenol

Concen: 54.742 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

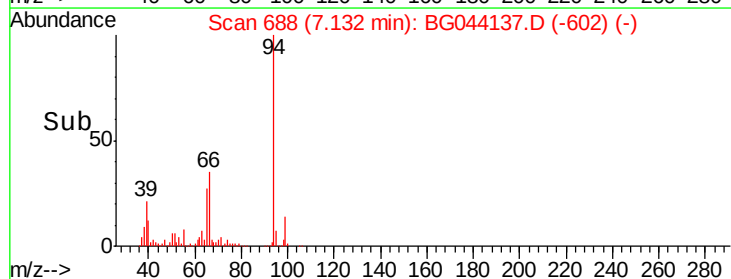
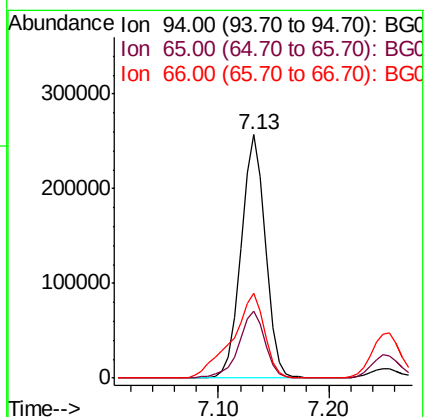
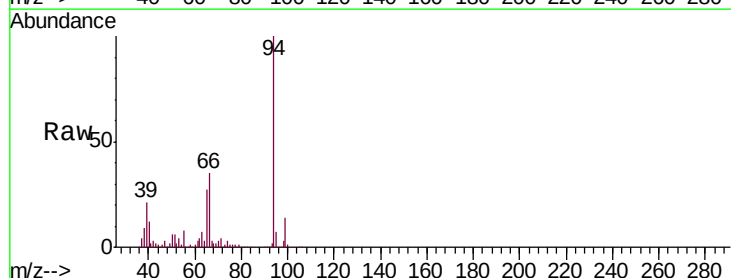
Tgt Ion: 94 Resp: 398329

Ion Ratio Lower Upper

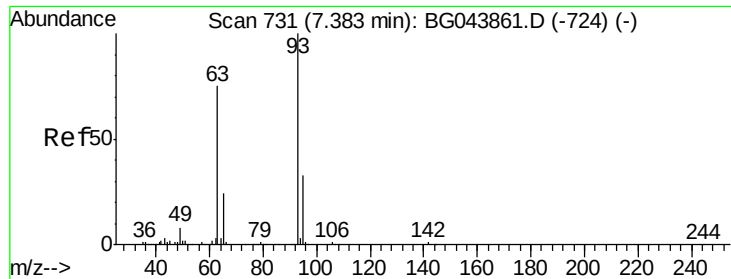
94 100

65 27.4 8.1 48.1

66 34.8 15.6 55.6



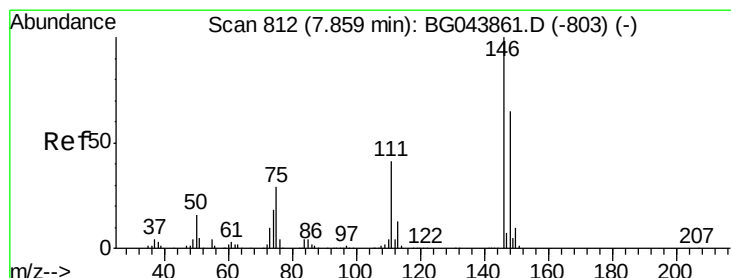
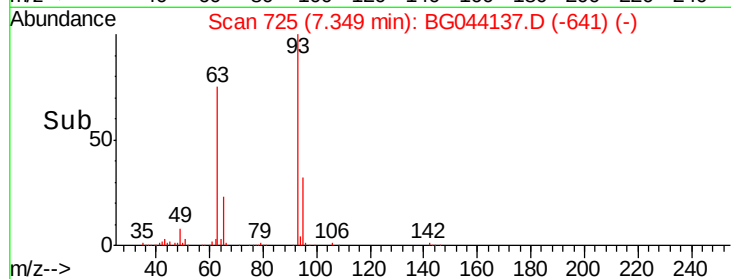
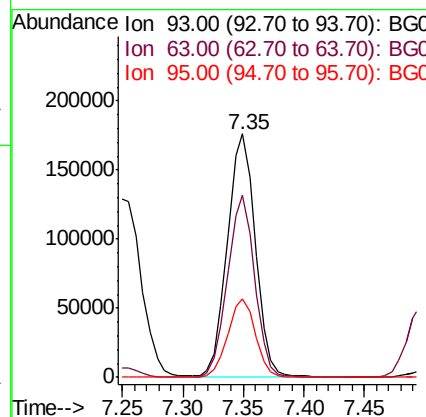
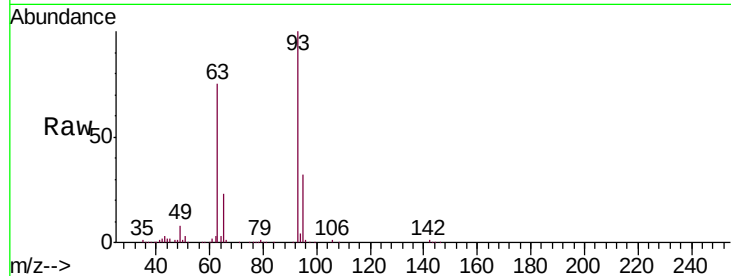




#11  
 bis(2-Chloroethyl)ether  
 Concen: 44.792 ng  
 RT: 7.35 min Scan# 725  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

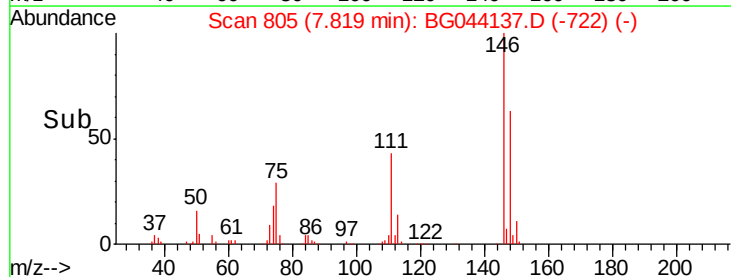
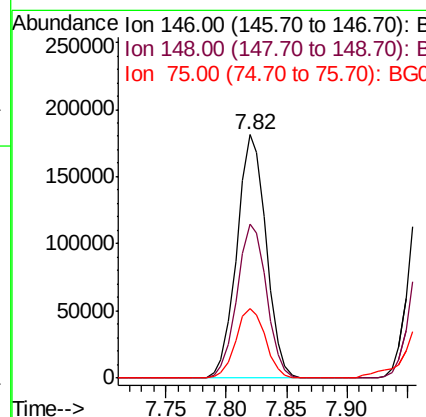
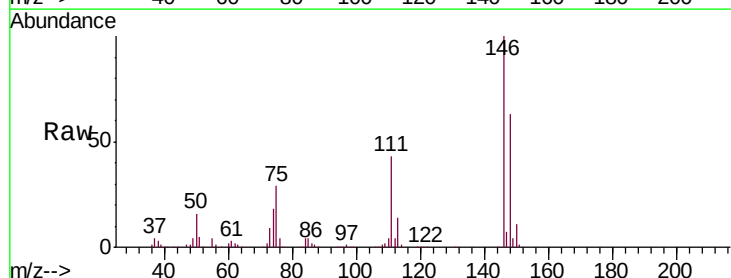
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B1-15-30MS

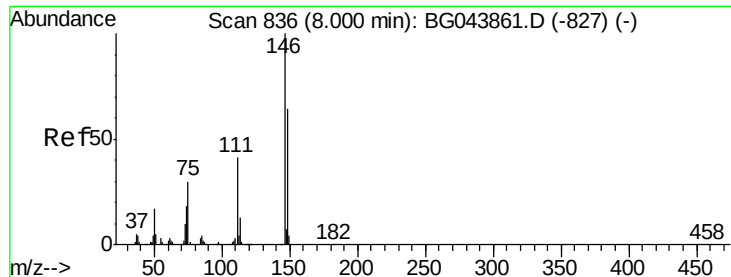
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.8  | 55.0  | 95.0  |
| 95      | 32.5  | 13.3  | 53.3  |



#12  
 1,3-Dichlorobenzene  
 Concen: 44.202 ng  
 RT: 7.82 min Scan# 805  
 Delta R.T. -0.04 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 52.1  | 78.1  |
| 75      | 28.8  | 23.0  | 34.4  |

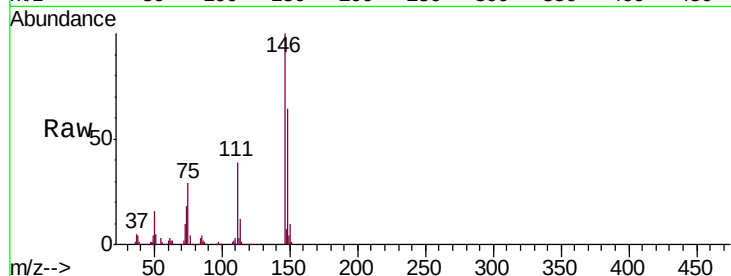




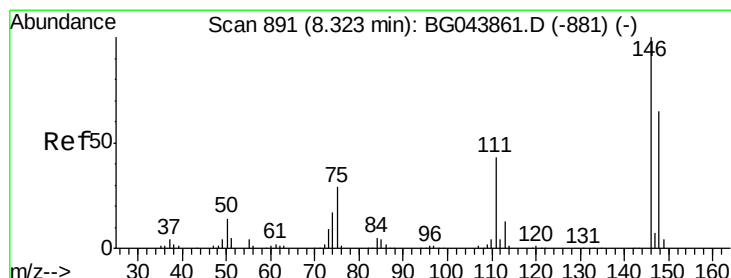
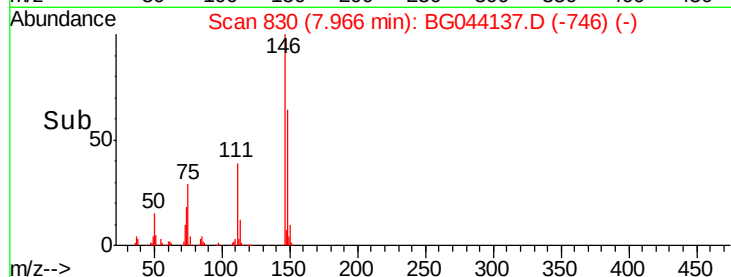
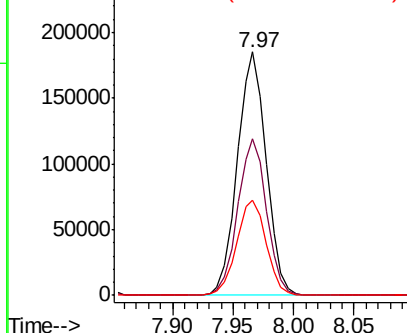
#13  
 1,4-Dichlorobenzene  
 Concen: 44.937 ng  
 RT: 7.97 min Scan# 830  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

Instrument :  
 BNA\_G  
 ClientSampleID :  
 B1-15-30MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.2  | 76.8  |
| 111     | 39.3  | 33.1  | 49.7  |

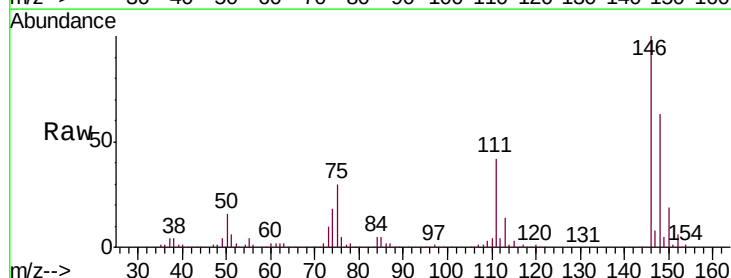


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

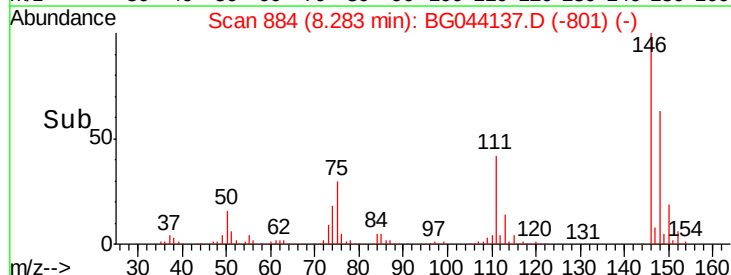
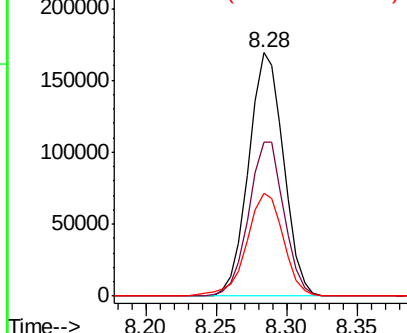


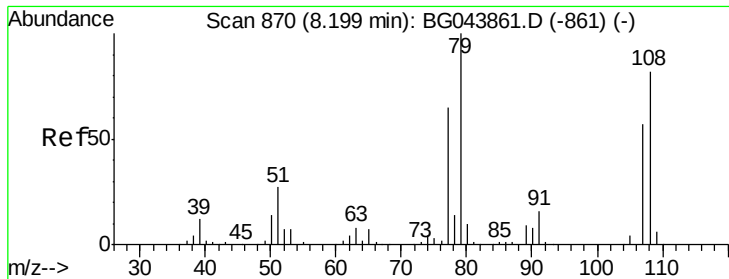
#14  
 1,2-Dichlorobenzene  
 Concen: 44.619 ng  
 RT: 8.28 min Scan# 884  
 Delta R.T. -0.04 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.7  | 77.5  |
| 111     | 42.3  | 34.4  | 51.6  |



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





#15

Benzyl Alcohol

Concen: 46.458 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

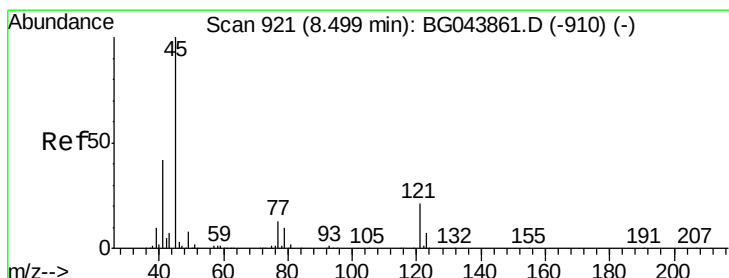
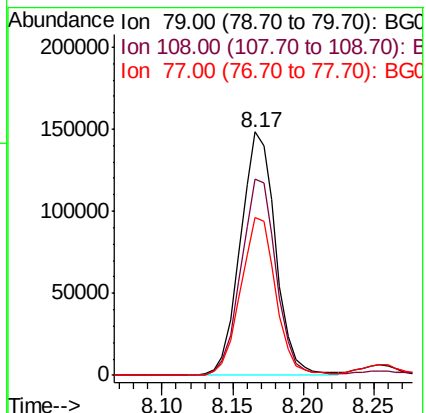
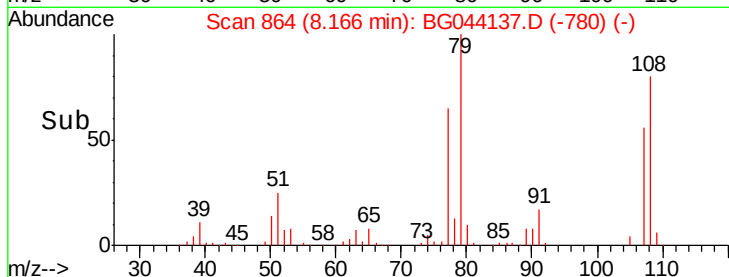
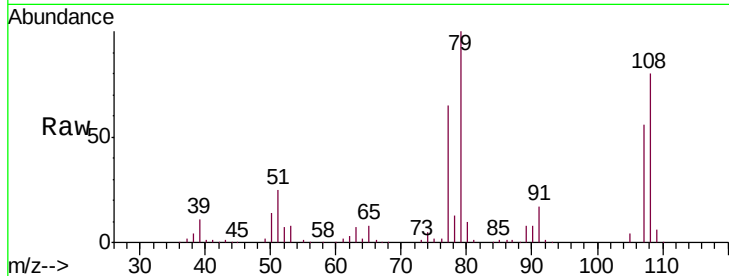
Tgt Ion: 79 Resp: 258946

Ion Ratio Lower Upper

79 100

108 80.4 65.6 98.4

77 64.7 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.665 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

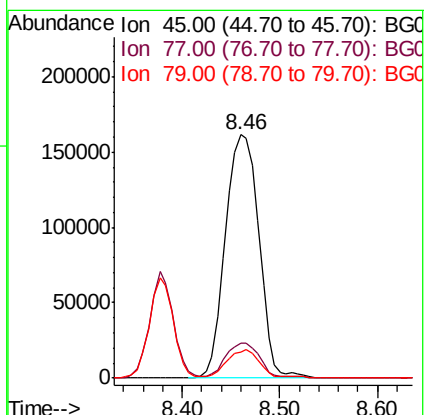
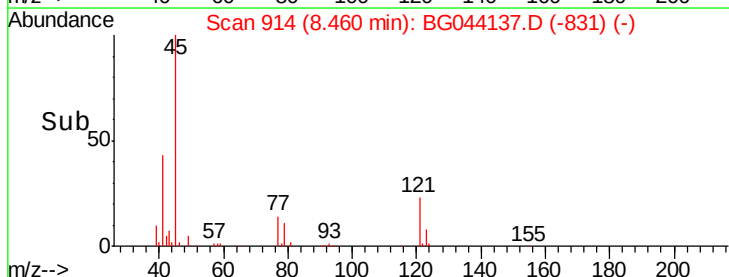
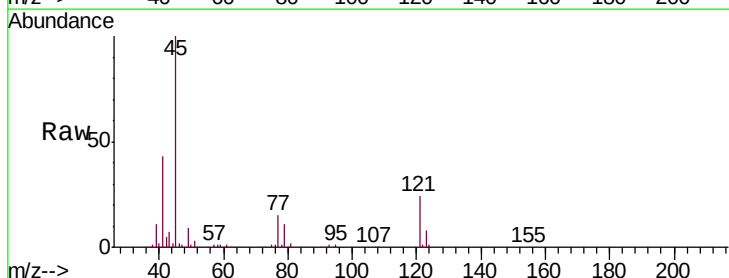
Tgt Ion: 45 Resp: 385444

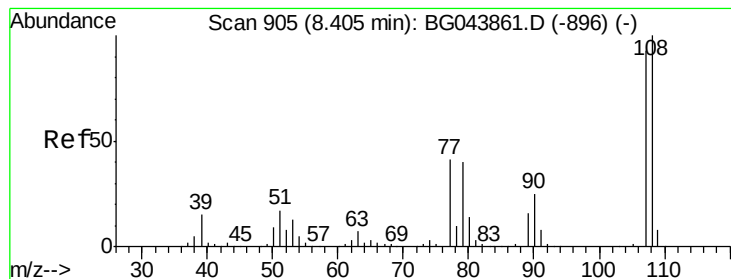
Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.8

79 10.8 0.0 31.0





#17

2-Methylphenol

Concen: 50.665 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

Tgt Ion:107 Resp: 266786

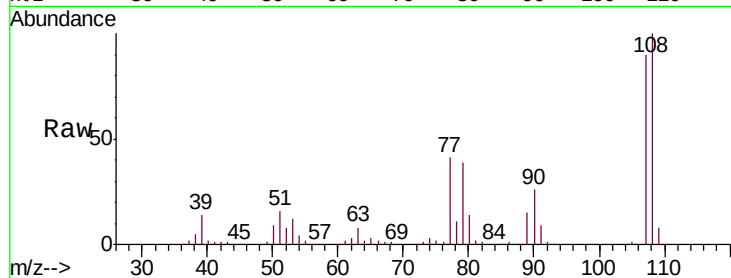
Ion Ratio Lower Upper

107 100

108 110.8 86.1 129.1

77 45.9 35.4 53.0

79 43.4 34.8 52.2

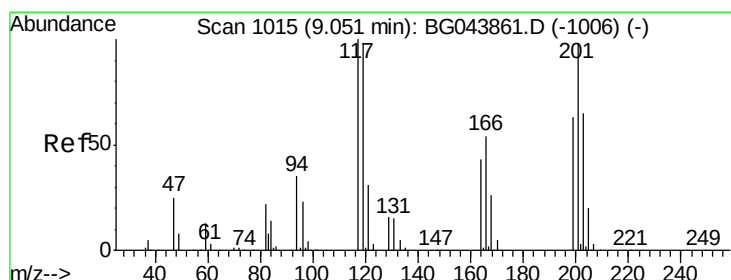
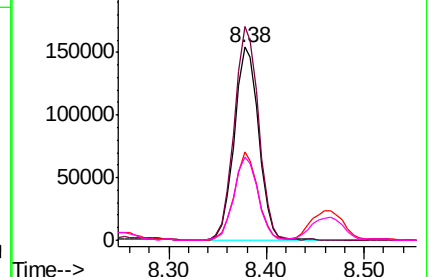
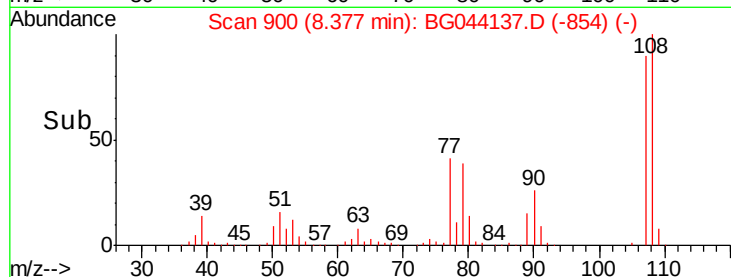


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.981 ng

RT: 9.02 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

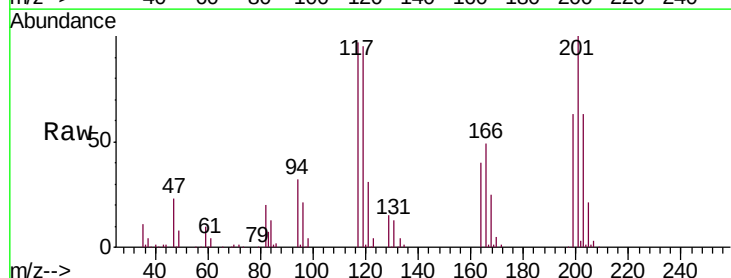
Tgt Ion:117 Resp: 117202

Ion Ratio Lower Upper

117 100

119 97.9 78.1 117.1

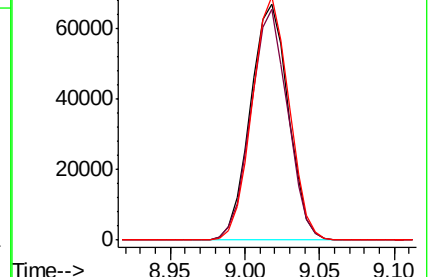
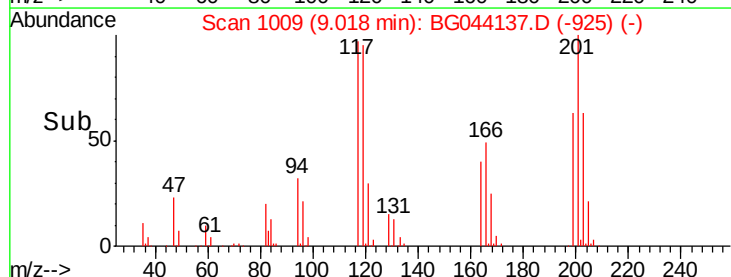
201 103.4 78.6 117.8

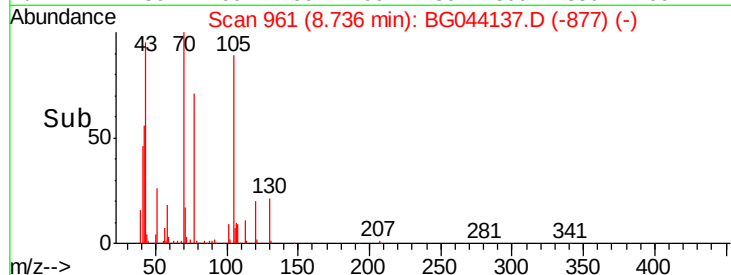
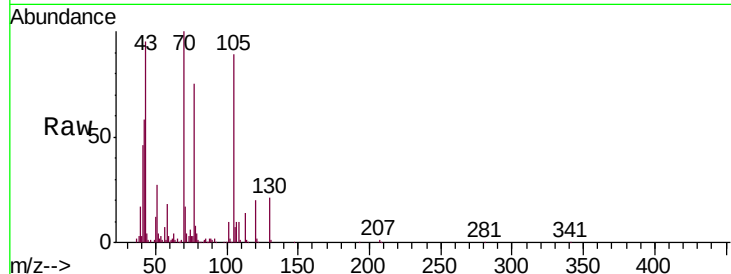
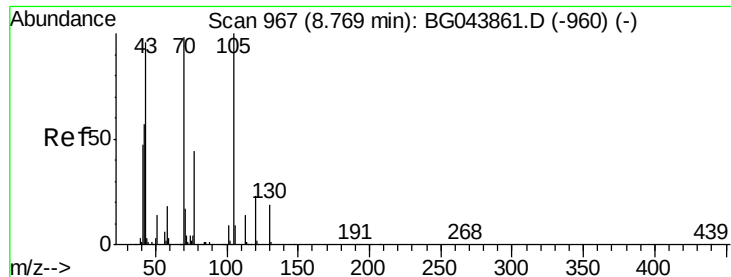


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

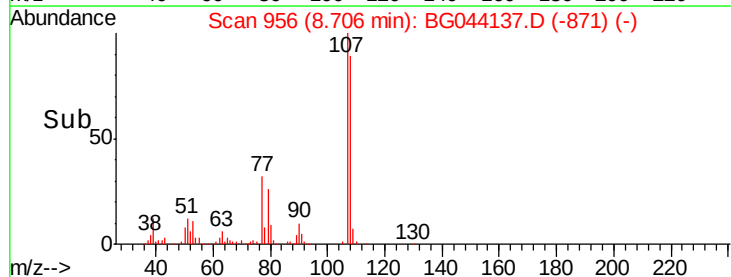
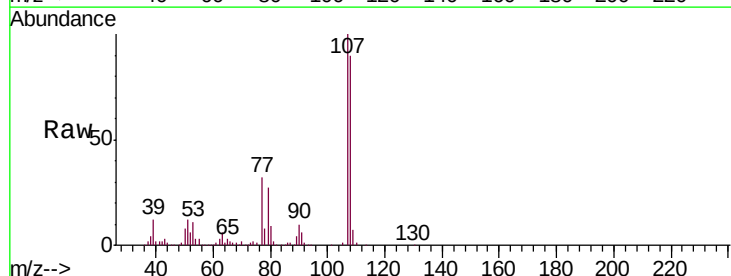
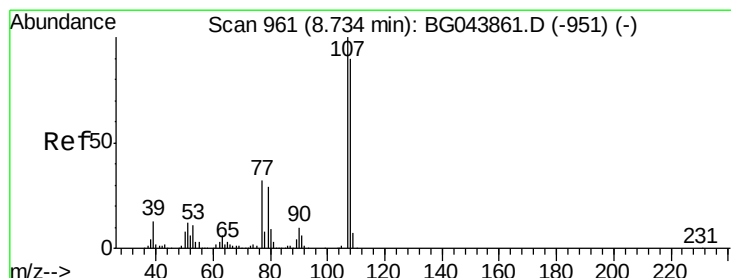
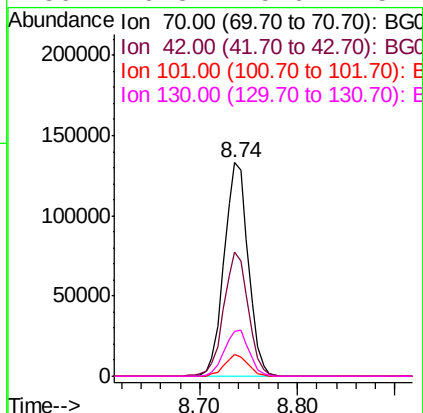




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.123 ng  
RT: 8.74 min Scan# 961  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

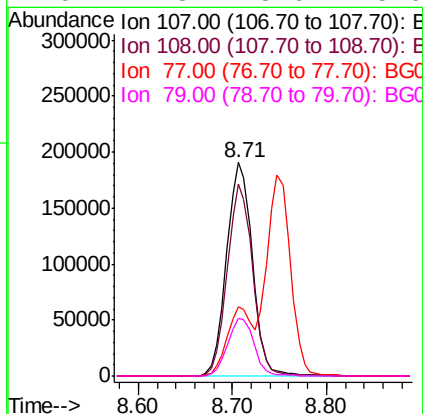
Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

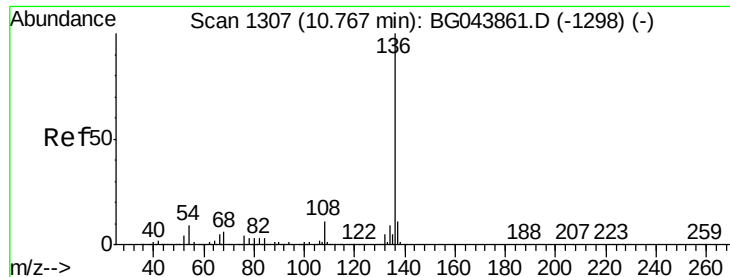
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 226801 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 57.9  | 47.0  | 70.4   |
| 101      | 9.9   | 7.2   | 10.8   |
| 130      | 20.8  | 15.6  | 23.4   |



#20  
3+4-Methylphenols  
Concen: 49.461 ng  
RT: 8.71 min Scan# 956  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 363328 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.7  | 70.3  | 110.3  |
| 77       | 32.5  | 12.4  | 52.4   |
| 79       | 27.3  | 8.6   | 48.6   |

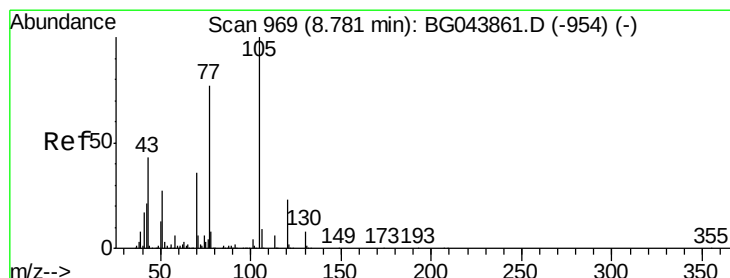
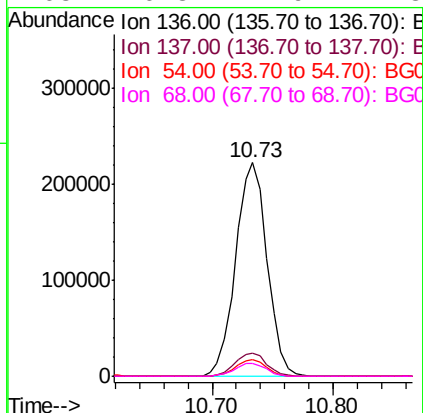
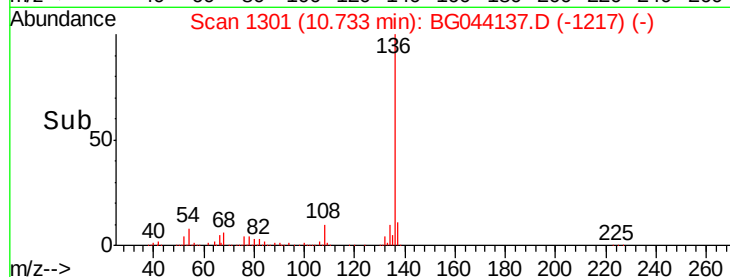
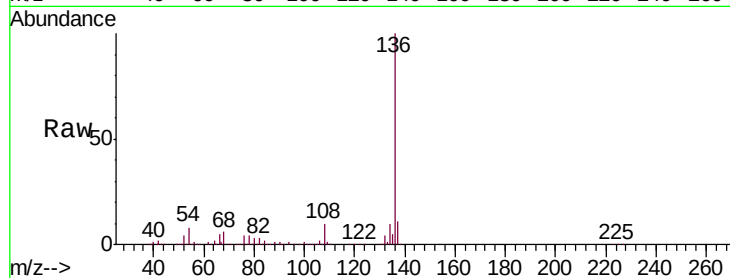




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.73 min Scan# 1301  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

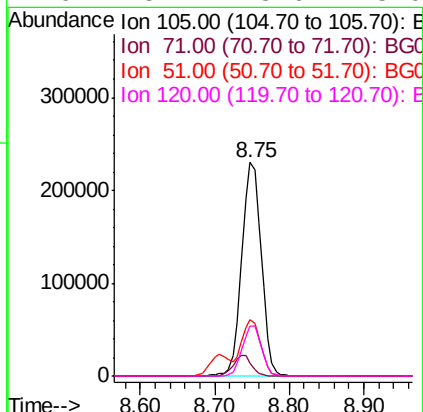
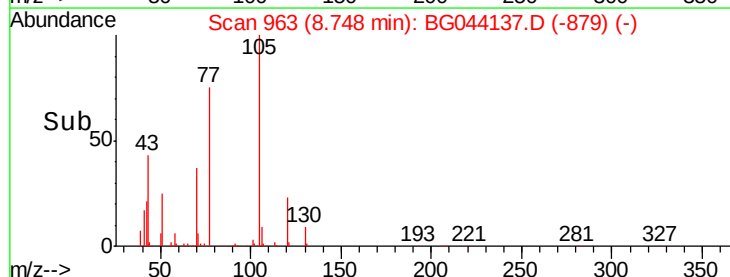
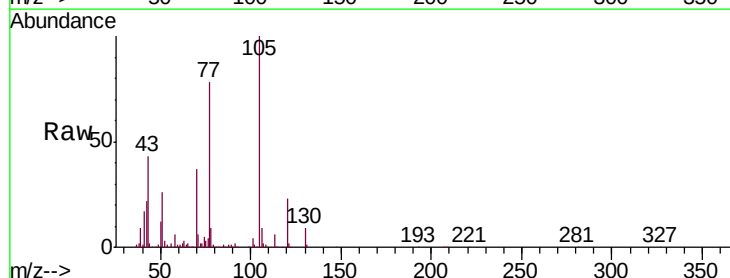
Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

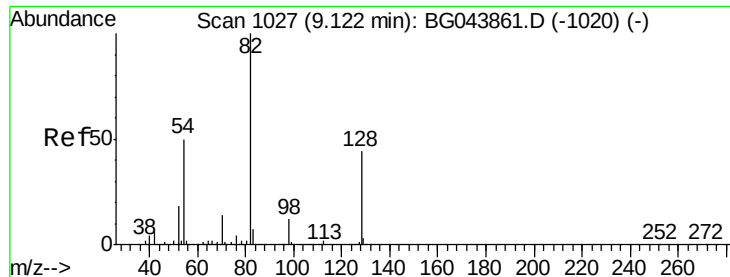
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 401896 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.8   | 13.2   |
| 54       | 7.7   | 7.0   | 10.4   |
| 68       | 6.3   | 4.9   | 7.3    |



#22  
Acetophenone  
Concen: 41.812 ng  
RT: 8.75 min Scan# 963  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 417767 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.2   | 4.8   | 7.2    |
| 51       | 26.1  | 21.4  | 32.0   |
| 120      | 23.2  | 18.6  | 28.0   |

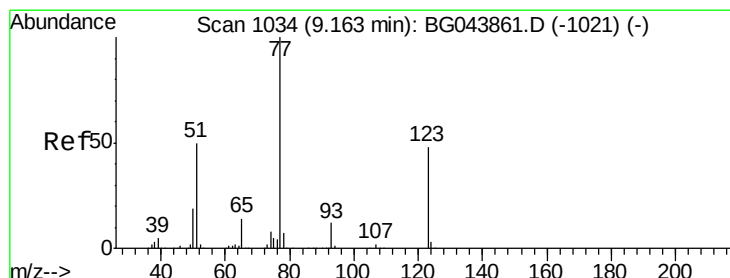
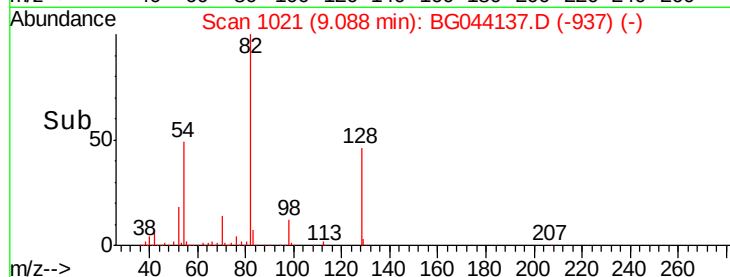
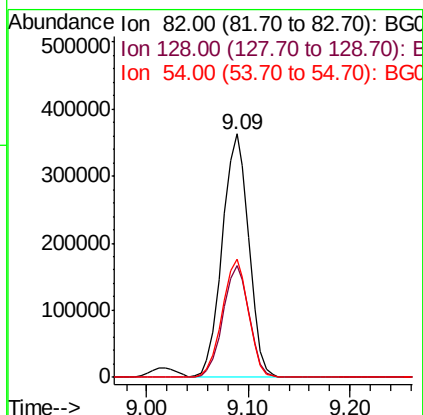
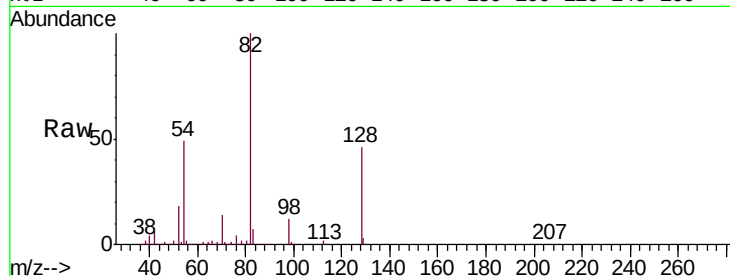




#23  
 Nitrobenzene-d5  
 Concen: 87.353 ng  
 RT: 9.09 min Scan# 1021  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

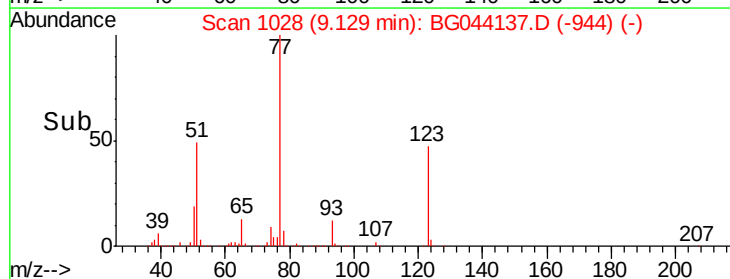
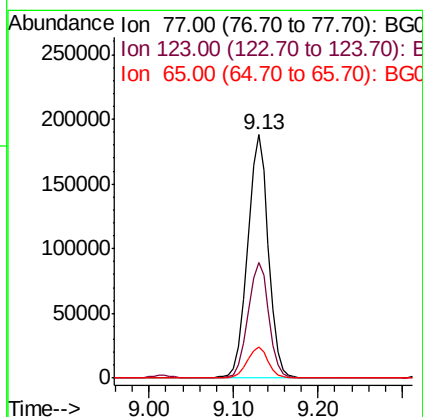
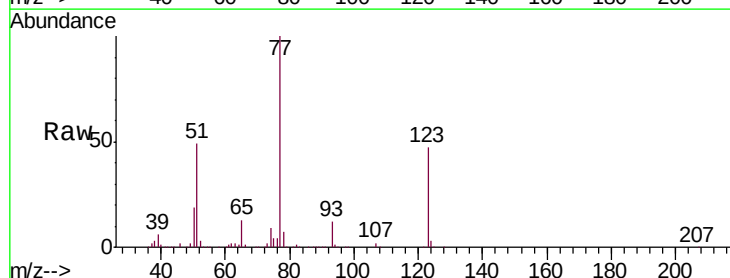
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B1-15-30MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.2  | 35.1  | 52.7  |
| 54      | 48.7  | 40.1  | 60.1  |

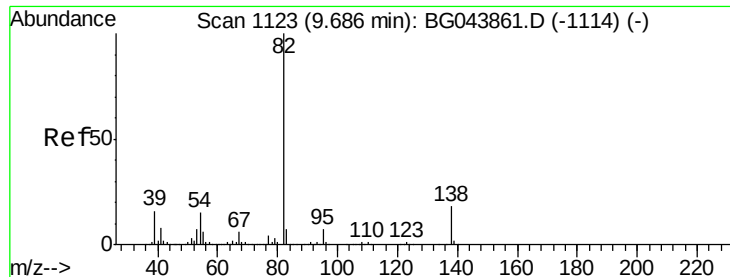


#24  
 Nitrobenzene  
 Concen: 43.303 ng  
 RT: 9.13 min Scan# 1028  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 47.3  | 38.7  | 58.1  |
| 65      | 12.8  | 11.1  | 16.7  |







#25

Isophorone

Concen: 43.650 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

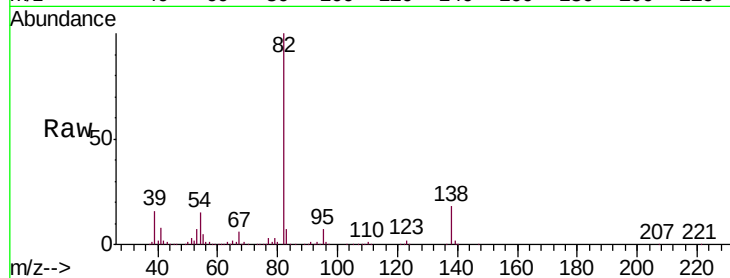
Tgt Ion: 82 Resp: 615220

Ion Ratio Lower Upper

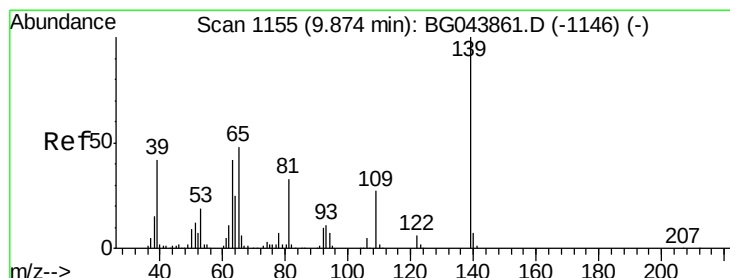
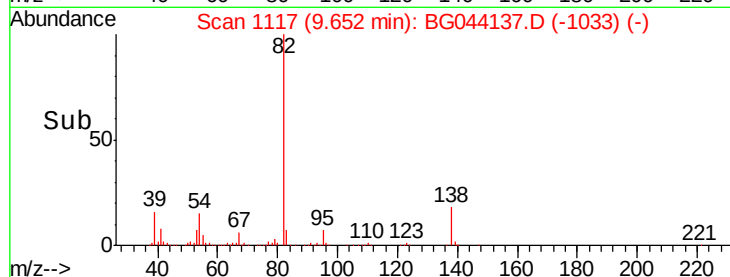
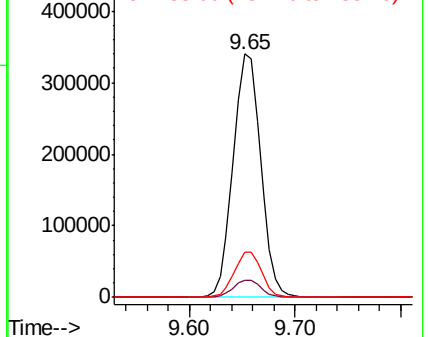
82 100

95 7.2 5.8 8.6

138 18.4 14.6 22.0



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



#26

2-Nitrophenol

Concen: 49.719 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

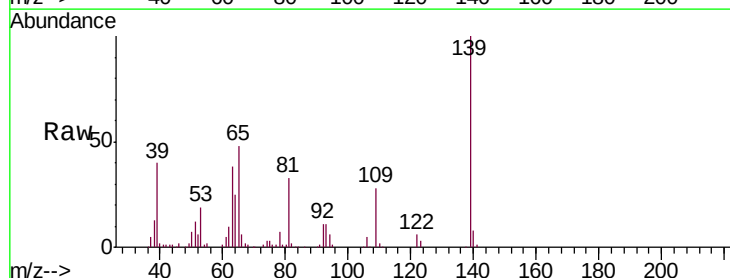
Tgt Ion: 139 Resp: 175025

Ion Ratio Lower Upper

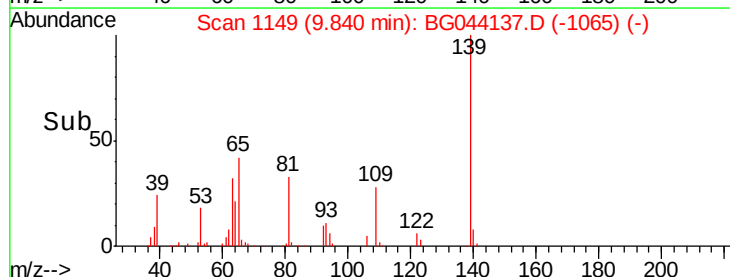
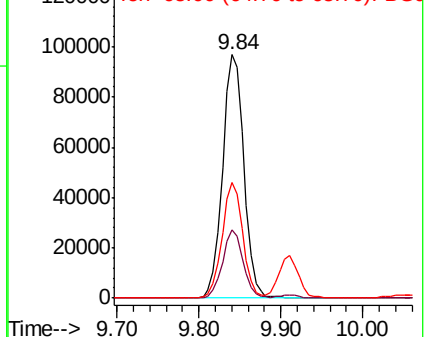
139 100

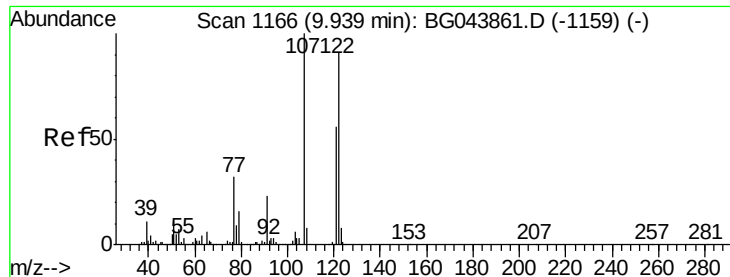
109 28.2 21.3 31.9

65 47.6 38.6 57.8



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

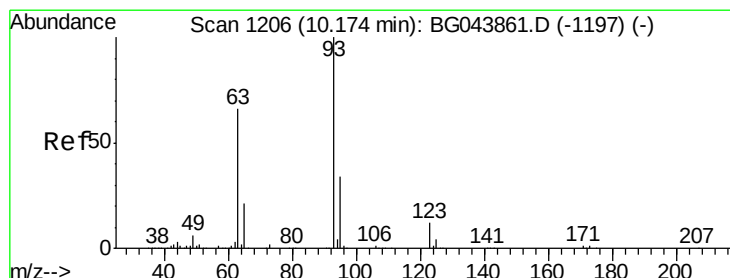
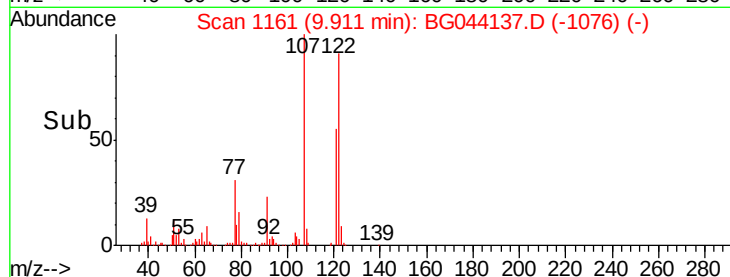
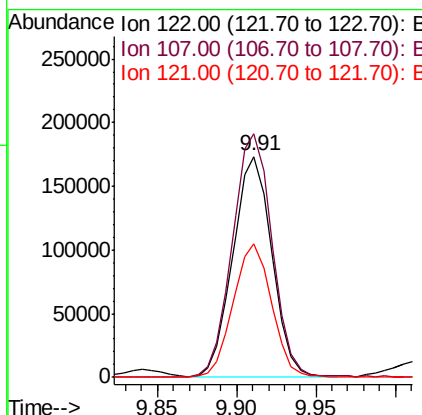
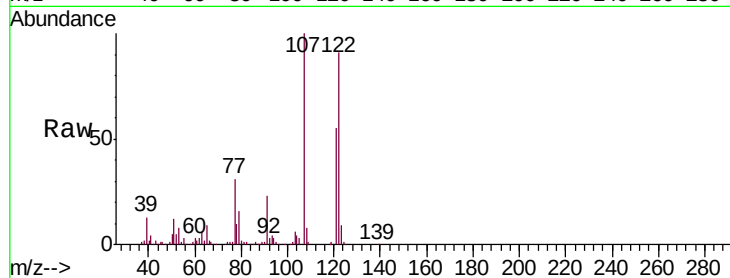




#27  
2,4-Dimethylphenol  
Concen: 55.563 ng  
RT: 9.91 min Scan# 1161  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

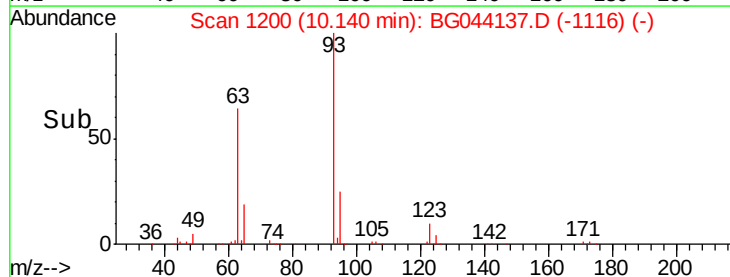
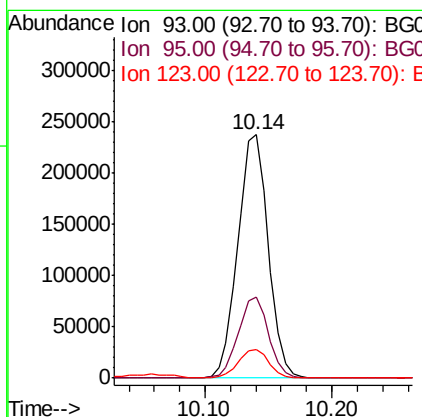
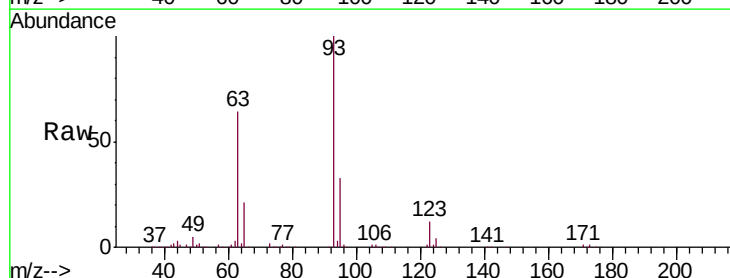
Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

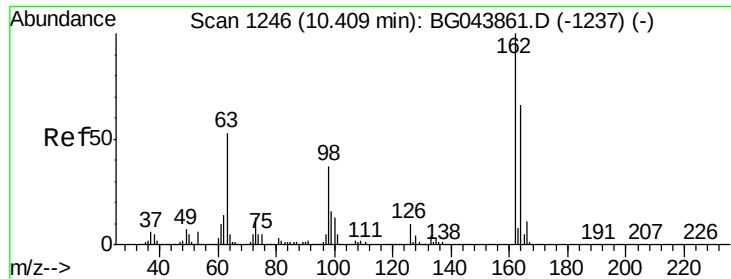
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.3 | 88.0  | 132.0 |
| 121     | 60.3  | 49.0  | 73.4  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.972 ng  
RT: 10.14 min Scan# 1200  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.2  | 27.2  | 40.8  |
| 123     | 11.9  | 9.7   | 14.5  |

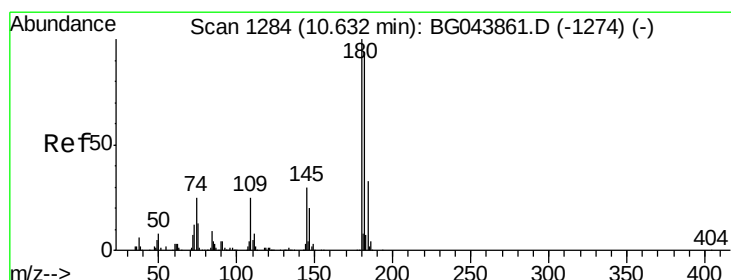
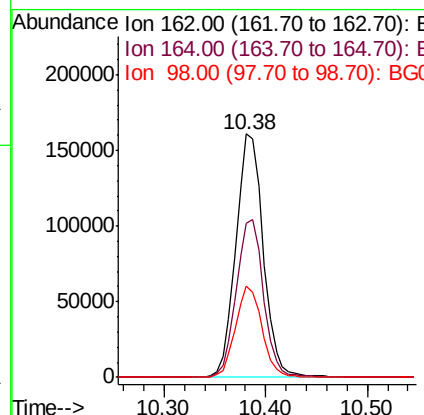
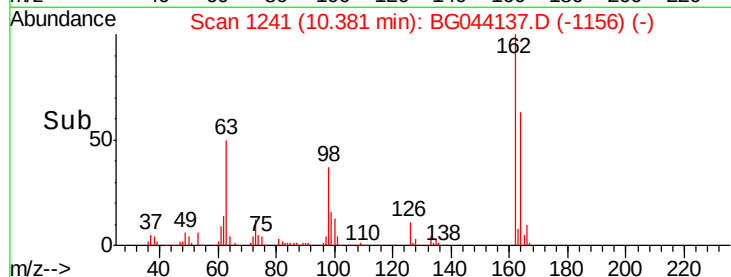
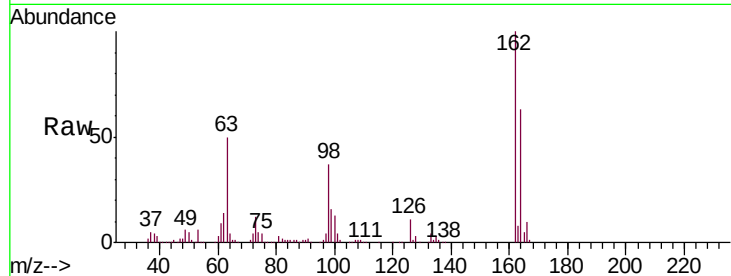




#29  
 2,4-Dichlorophenol  
 Concen: 47.787 ng  
 RT: 10.38 min Scan# 1241  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

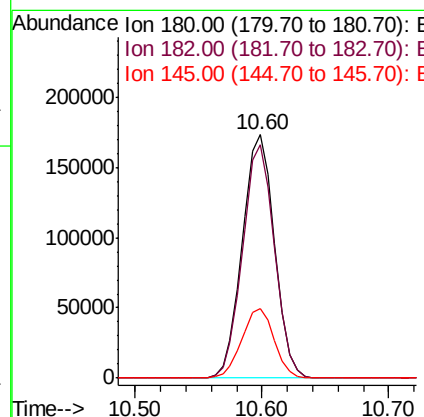
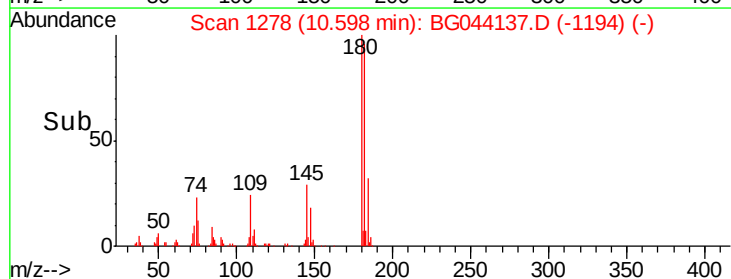
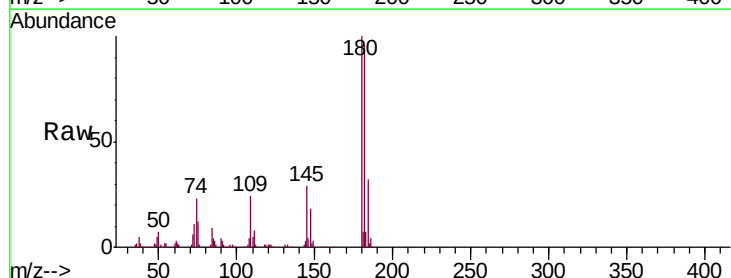
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B1-15-30MS

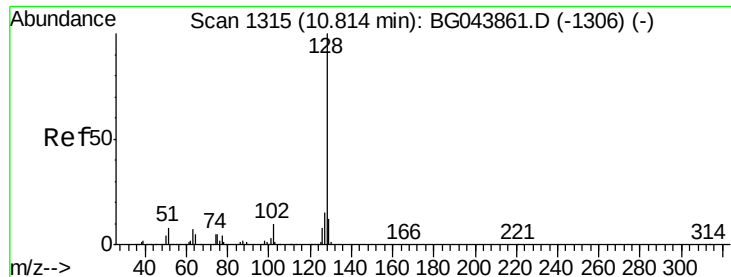
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.3  | 46.3  | 86.3  |
| 98      | 37.5  | 17.3  | 57.3  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.008 ng  
 RT: 10.60 min Scan# 1278  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 75.0  | 112.4 |
| 145     | 28.7  | 24.2  | 36.4  |

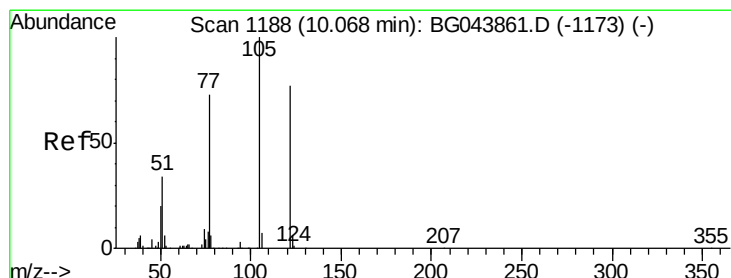
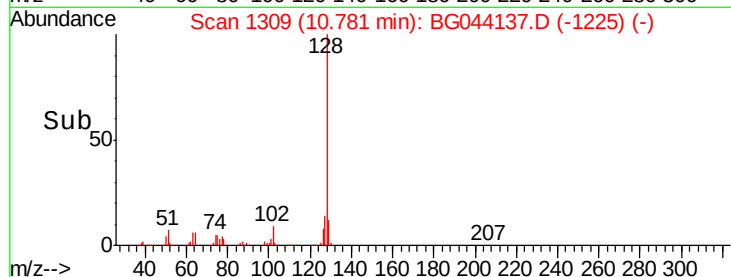
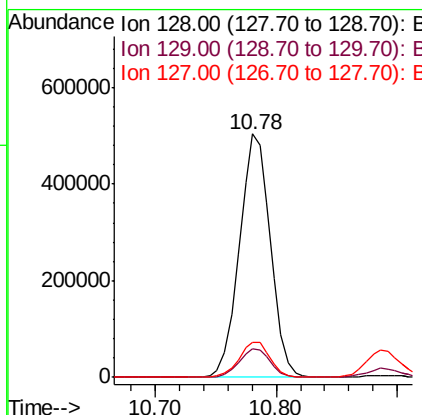
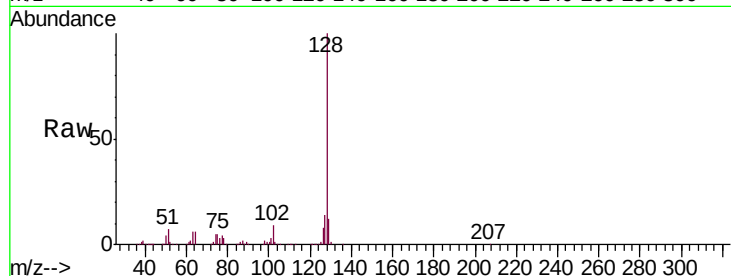




#31  
Naphthalene  
Concen: 46.153 ng  
RT: 10.78 min Scan# 1309  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

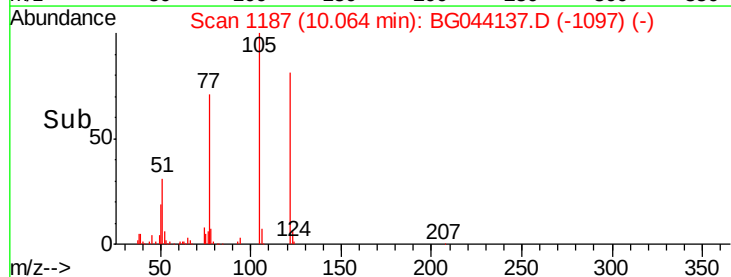
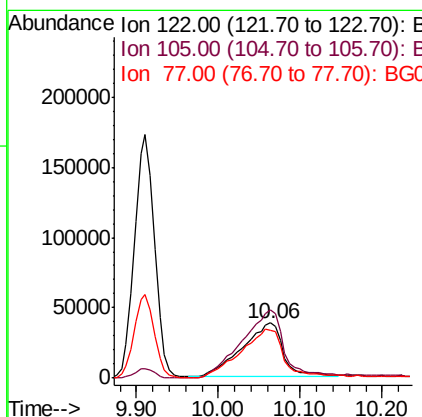
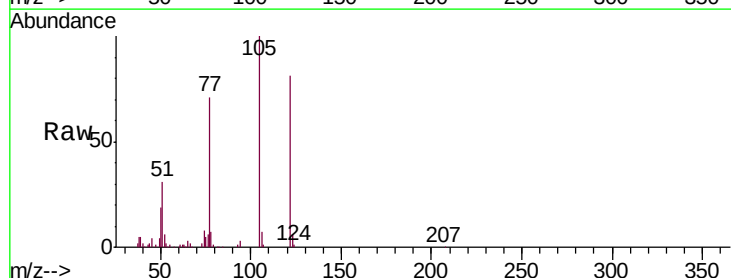
Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

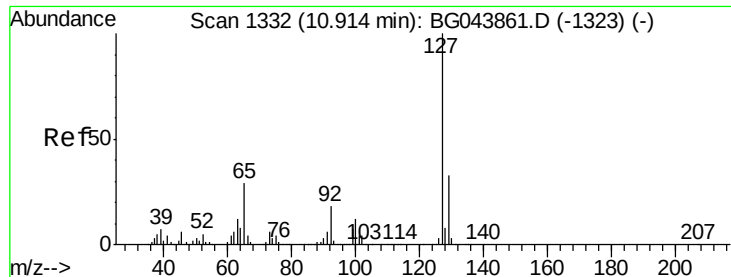
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 9.8   | 14.6  |
| 127     | 14.2  | 12.0  | 18.0  |



#32  
Benzoic acid  
Concen: 33.634 ng  
RT: 10.06 min Scan# 1187  
Delta R.T. -0.00 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 123.8 | 106.4 | 146.4 |
| 77      | 87.5  | 74.6  | 114.6 |

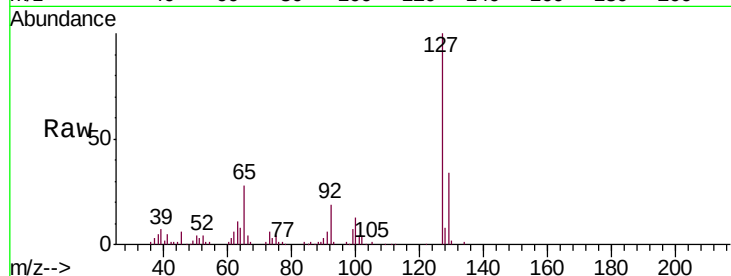




#33  
4-Chloroaniline  
Concen: 12.203 ng  
RT: 10.89 min Scan# 1327  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 113196 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.5  | 26.6  | 40.0   |
| 65       | 28.2  | 23.3  | 34.9   |
| 92       | 19.1  | 14.7  | 22.1   |



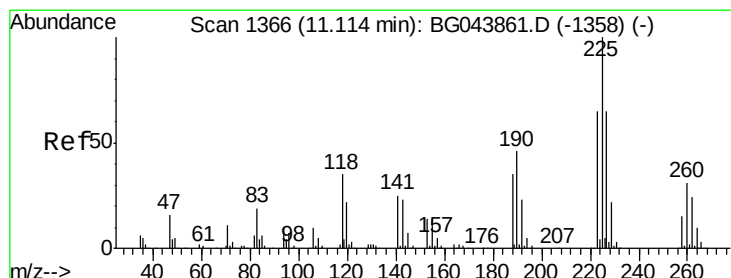
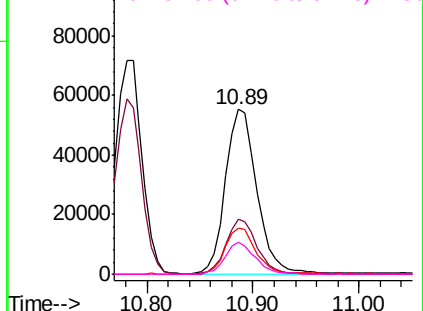
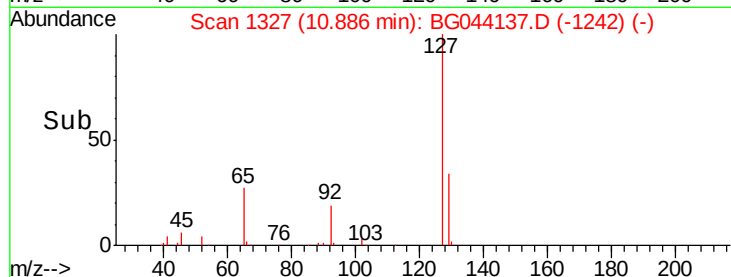
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

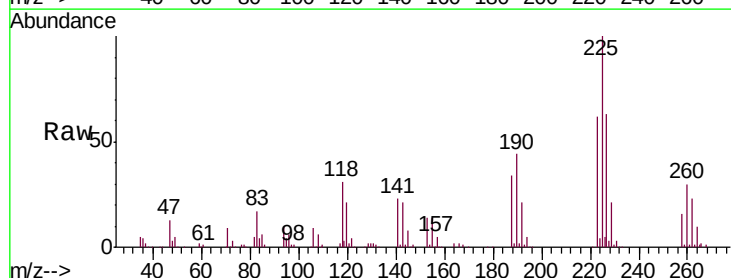
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 40.898 ng  
RT: 11.08 min Scan# 1360  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 176973 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.5  | 52.2  | 78.4   |
| 227      | 63.4  | 52.1  | 78.1   |

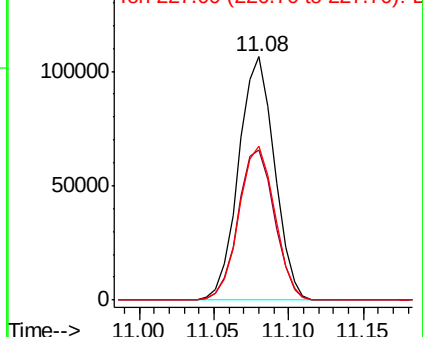
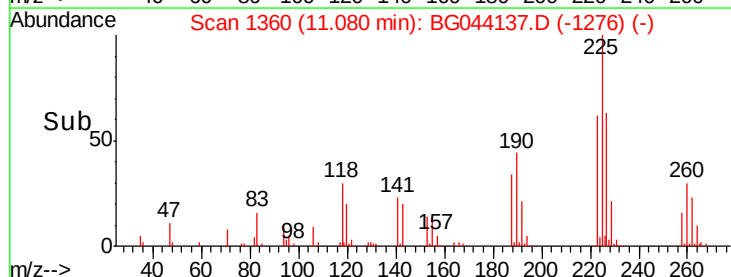


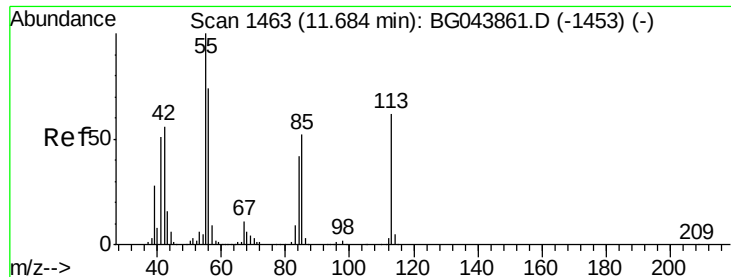
Abundance

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: 33.764 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

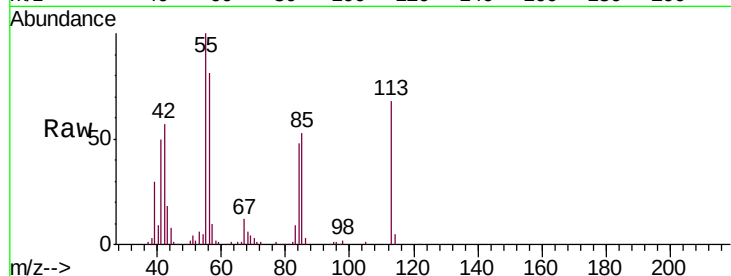
Tgt Ion:113 Resp: 79449

Ion Ratio Lower Upper

113 100

55 146.1 142.5 182.5

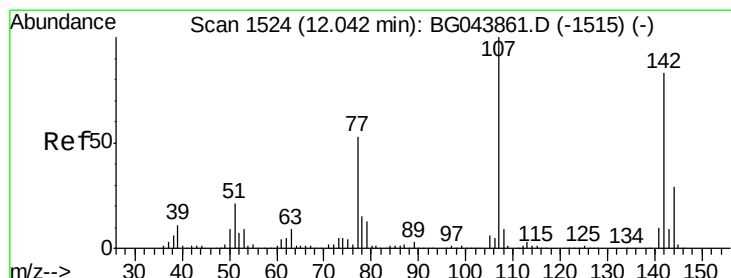
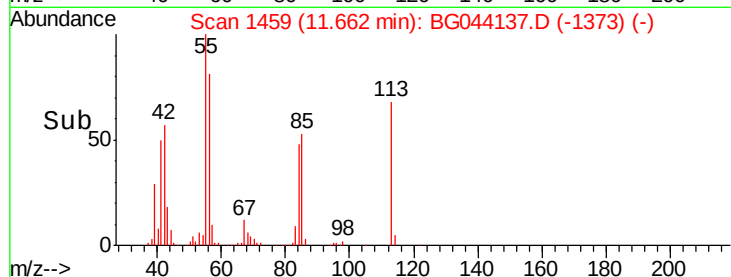
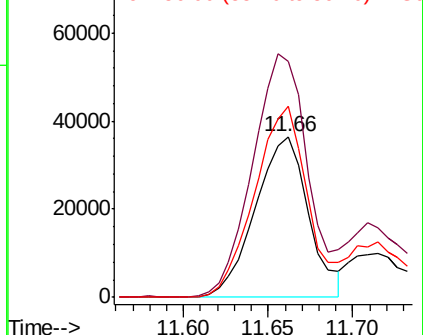
56 118.5 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.004 ng

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

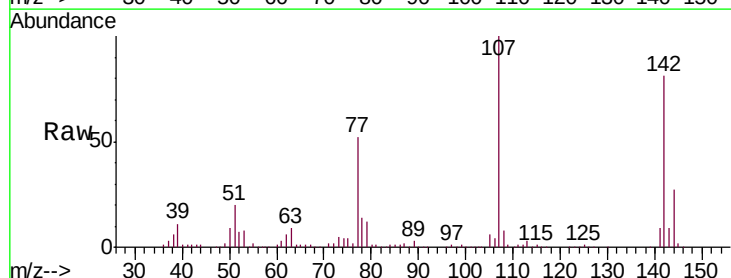
Tgt Ion:107 Resp: 316292

Ion Ratio Lower Upper

107 100

144 27.2 23.4 35.2

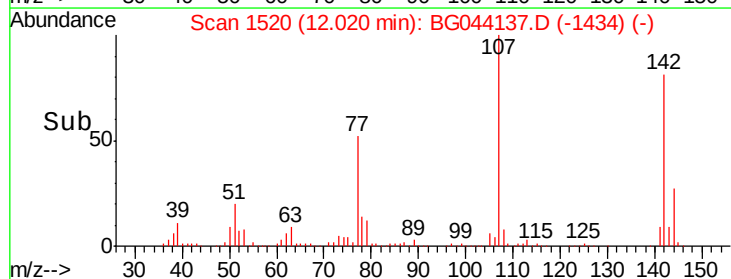
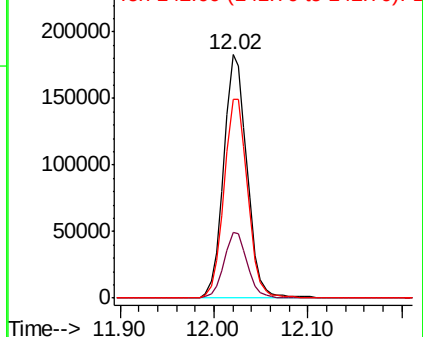
142 81.4 66.3 99.5

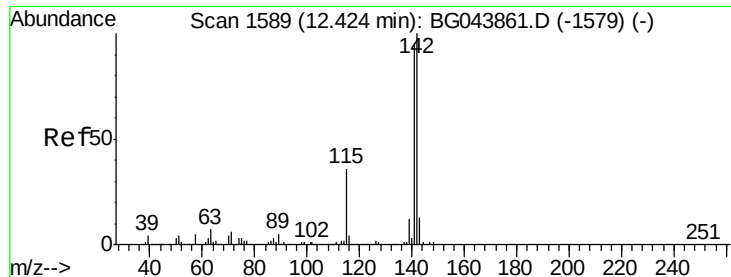


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

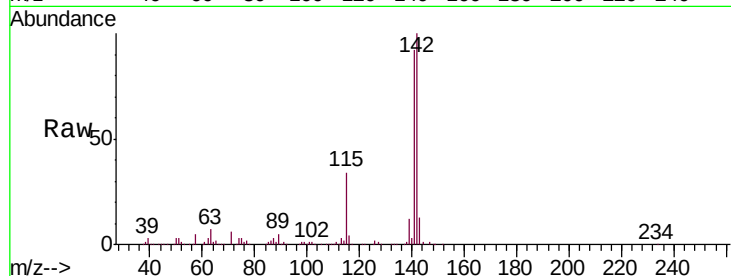




#37  
2-Methylnaphthalene  
Concen: 45.416 ng  
RT: 12.39 min Scan# 1583  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.6  | 75.8  | 113.8 |
| 115     | 34.4  | 28.6  | 42.8  |

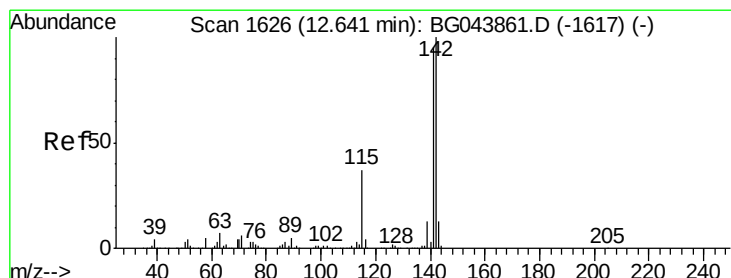
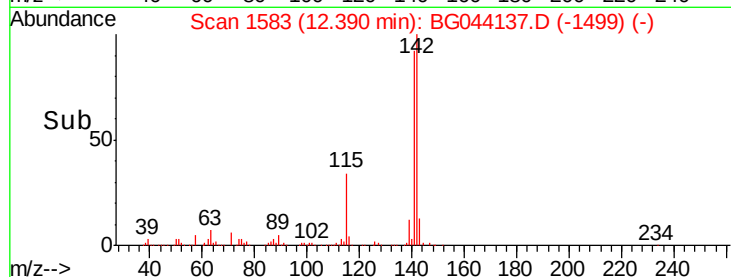
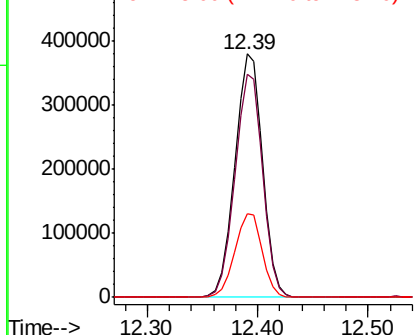


Abundance

Ion 142.00 (141.70 to 142.70): E

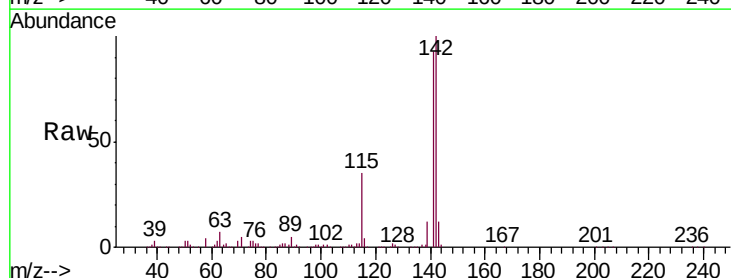
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 45.779 ng  
RT: 12.61 min Scan# 1621  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.1  | 76.0  | 114.0 |
| 116     | 3.6   | 3.1   | 4.7   |

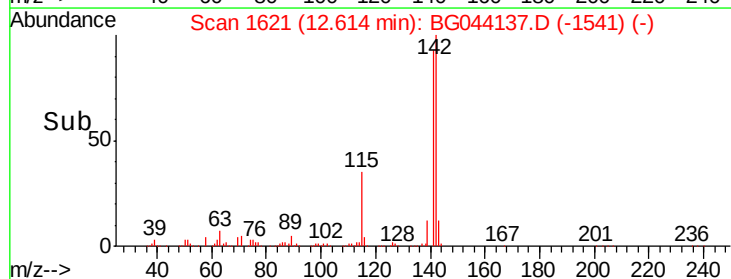
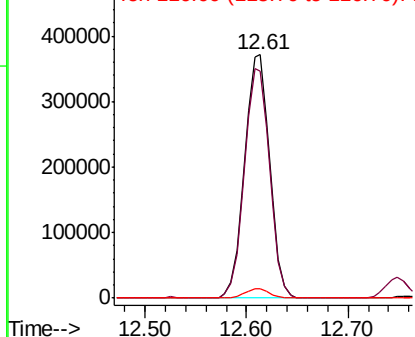


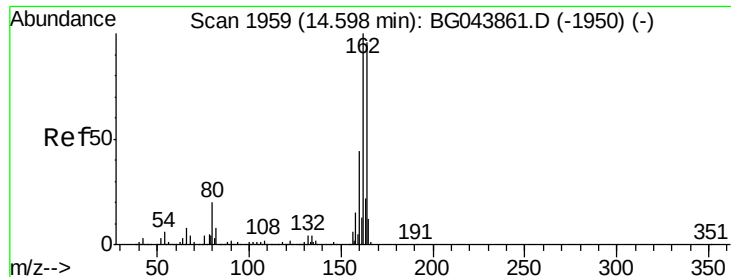
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

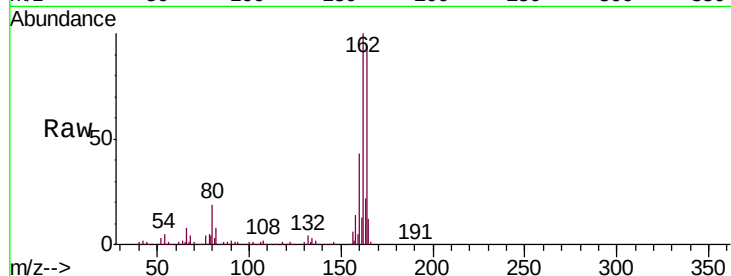
Tgt Ion:164 Resp: 250901

Ion Ratio Lower Upper

164 100

162 105.8 83.0 124.4

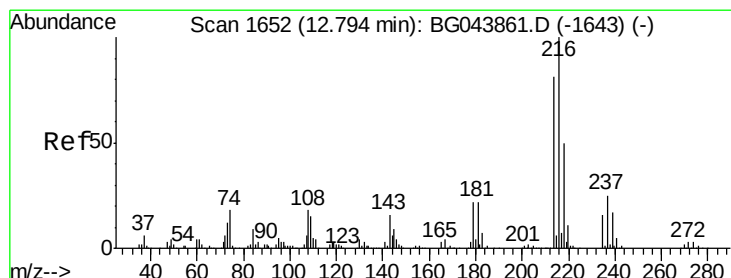
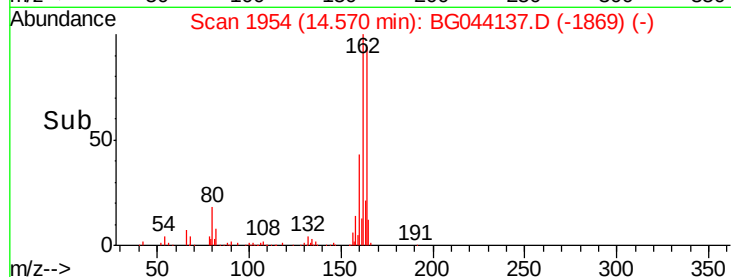
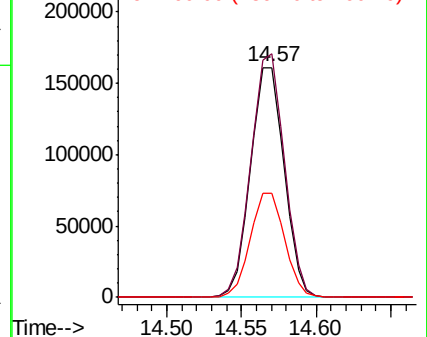
160 45.1 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.044 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Tgt Ion:216 Resp: 316543

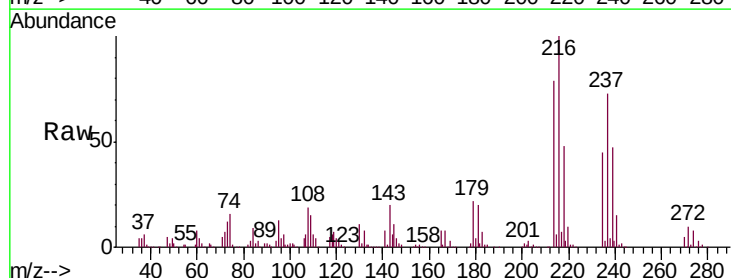
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 21.0 17.3 25.9

108 20.5 15.3 22.9

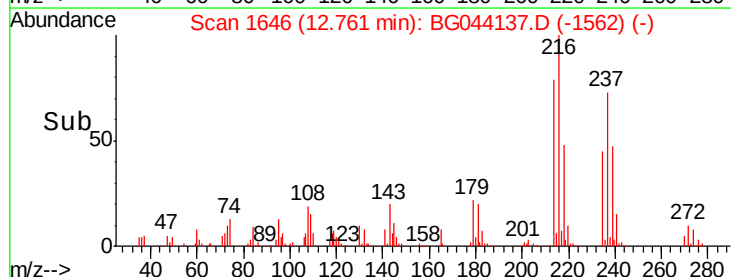
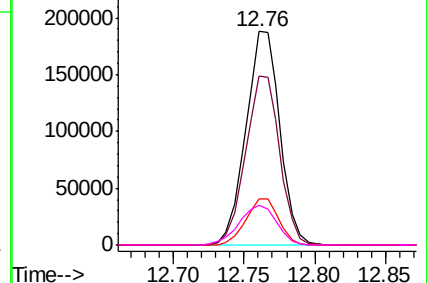


Abundance Ion 216.00 (215.70 to 216.70): E

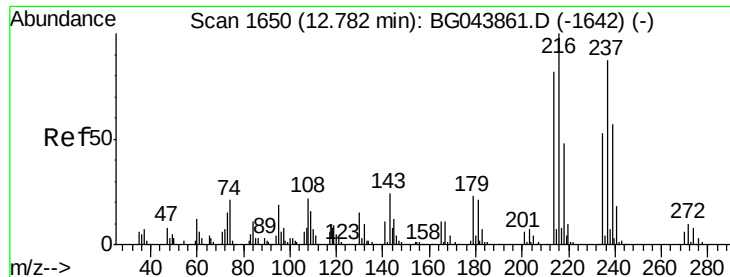
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 105.519 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

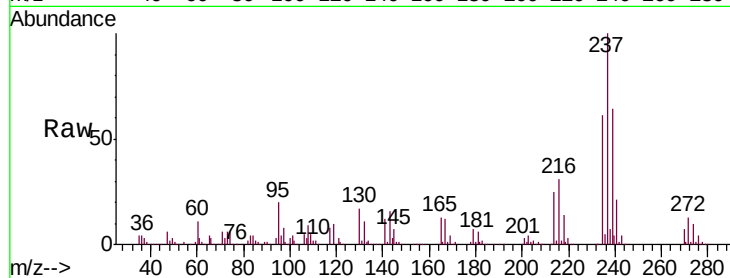
Tgt Ion:237 Resp: 402296

Ion Ratio Lower Upper

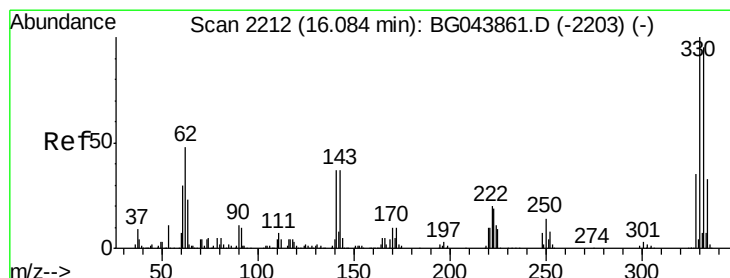
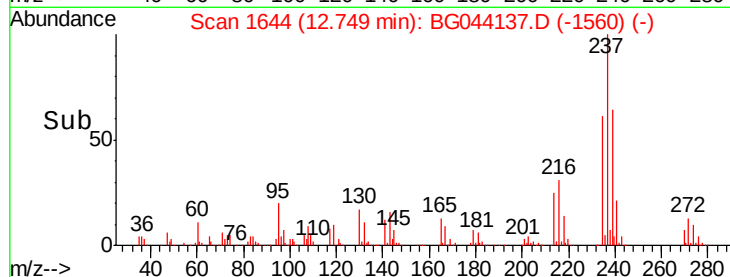
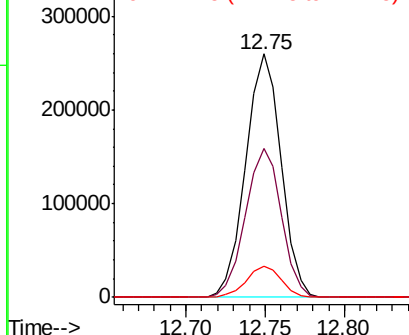
237 100

235 61.1 41.1 81.1

272 12.9 0.0 31.7



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: 145.847 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

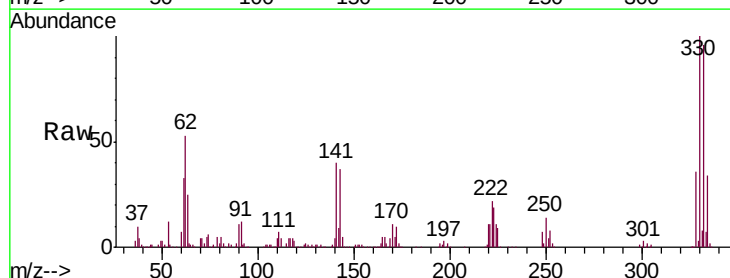
Tgt Ion:330 Resp: 382940

Ion Ratio Lower Upper

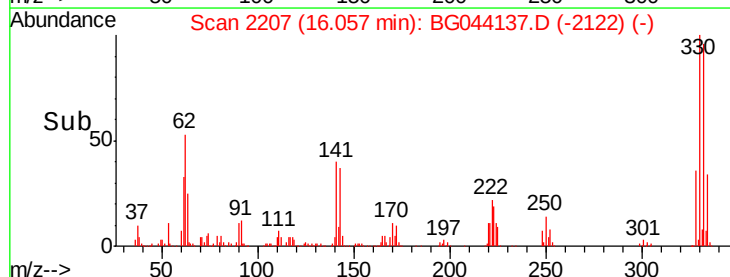
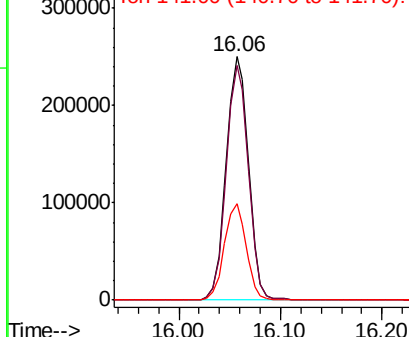
330 100

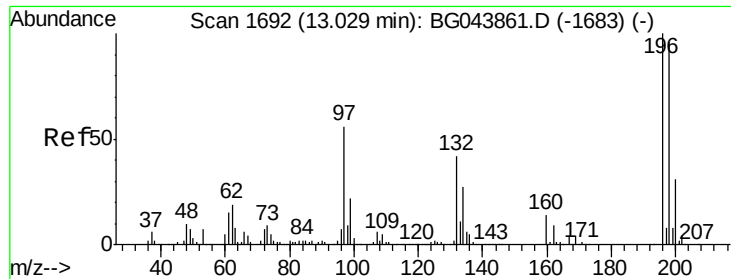
332 95.8 77.2 115.8

141 39.0 33.1 49.7



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

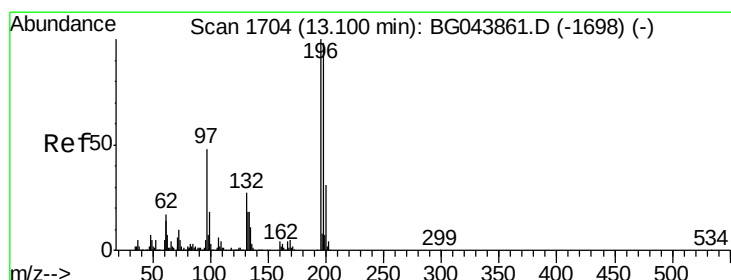
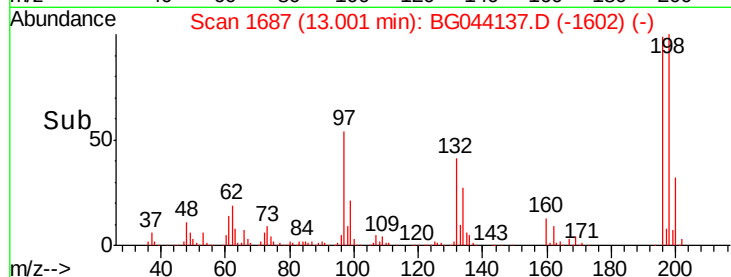
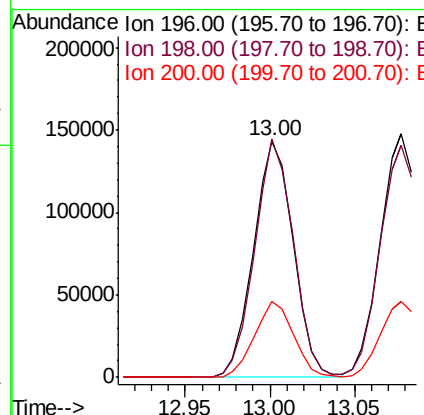
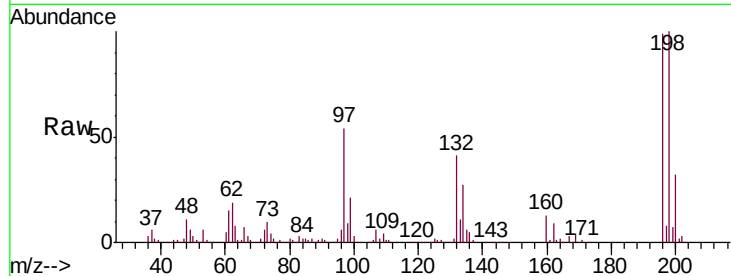




#43  
 2,4,6-Trichlorophenol  
 Concen: 46.345 ng  
 RT: 13.00 min Scan# 1687  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

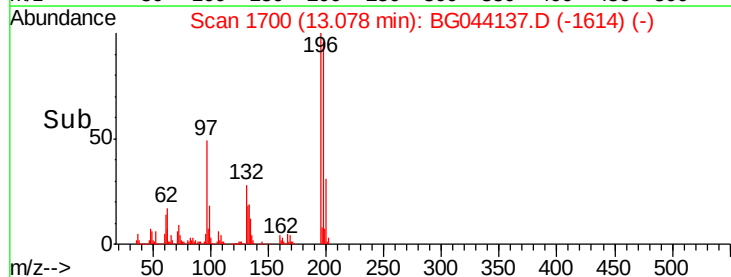
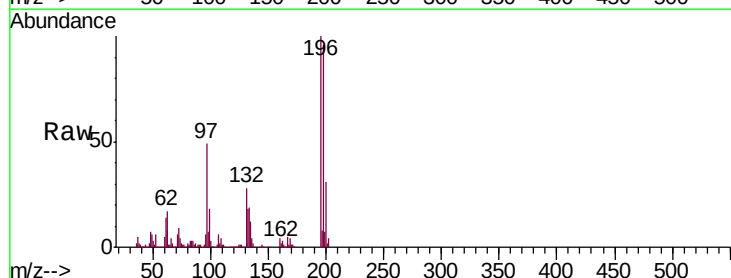
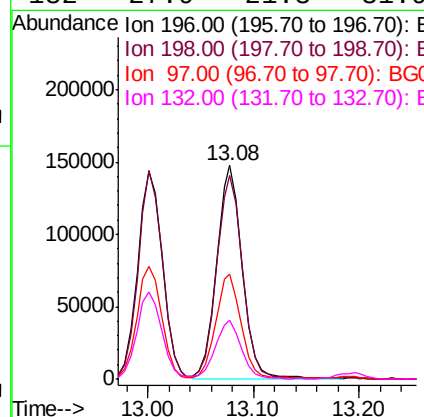
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B1-15-30MS

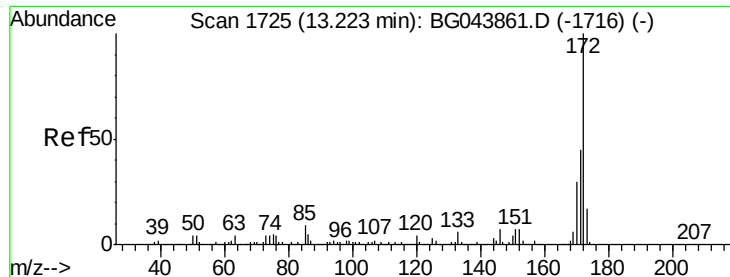
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 100.8 | 76.6  | 115.0 |
| 200     | 32.2  | 24.6  | 37.0  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.745 ng  
 RT: 13.08 min Scan# 1700  
 Delta R.T. -0.02 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.6  | 78.3  | 117.5 |
| 97      | 49.2  | 38.8  | 58.2  |
| 132     | 27.9  | 21.3  | 31.9  |

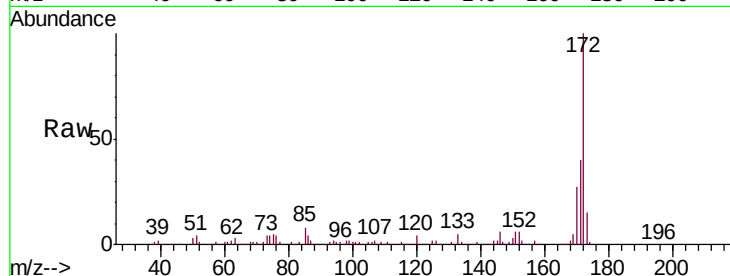




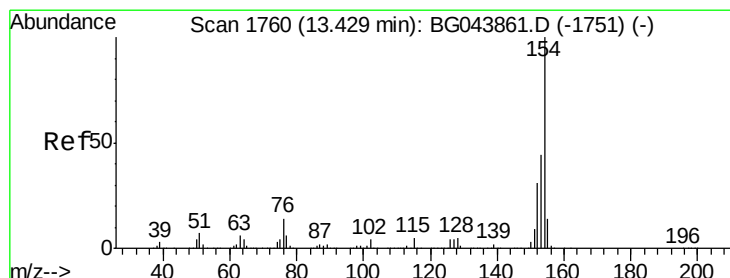
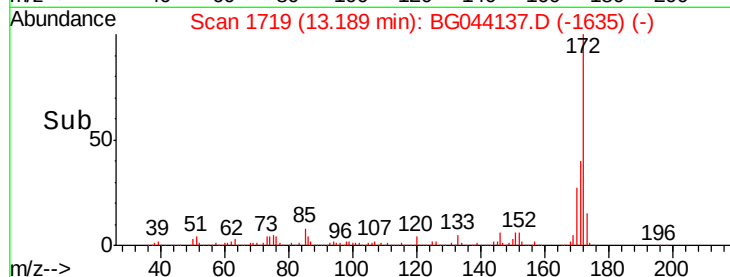
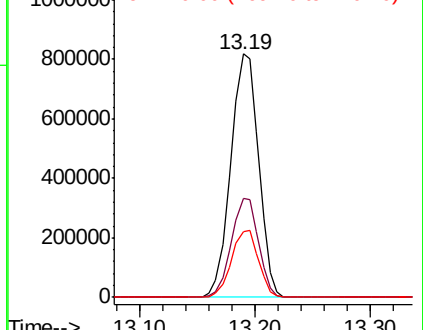
#45  
2-Fluorobiphenyl  
Concen: 98.255 ng  
RT: 13.19 min Scan# 1719  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

Tgt Ion:172 Resp: 1360678  
Ion Ratio Lower Upper  
172 100  
171 40.5 35.8 53.8  
170 27.1 24.2 36.4

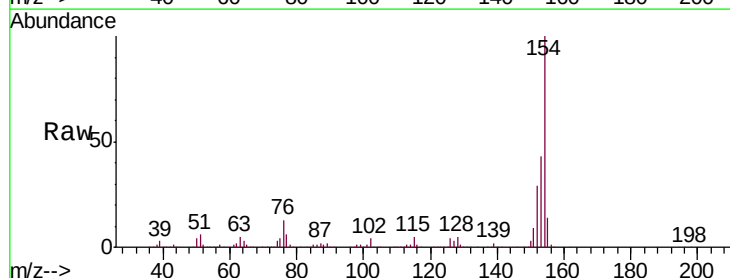


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

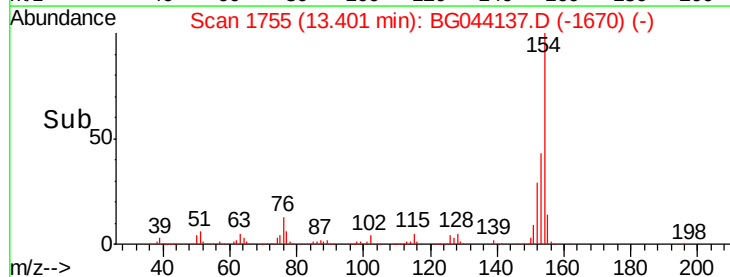
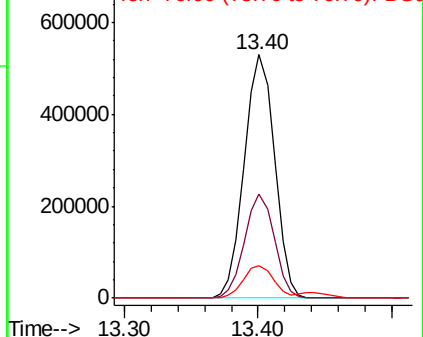


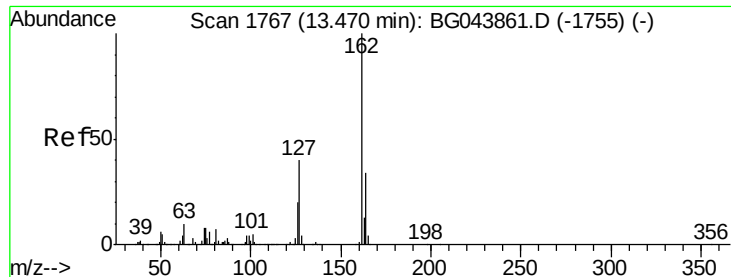
#46  
1,1'-Biphenyl  
Concen: 46.193 ng  
RT: 13.40 min Scan# 1755  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

Tgt Ion:154 Resp: 830974  
Ion Ratio Lower Upper  
154 100  
153 43.0 23.6 63.6  
76 13.3 0.0 34.4



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

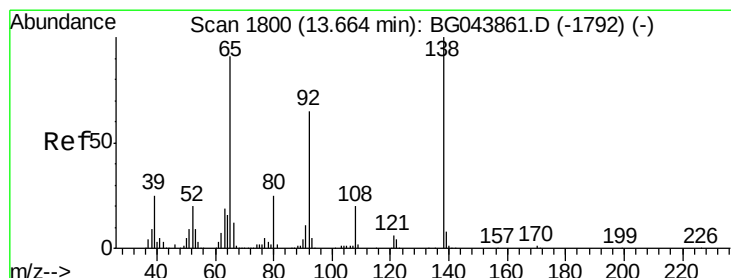
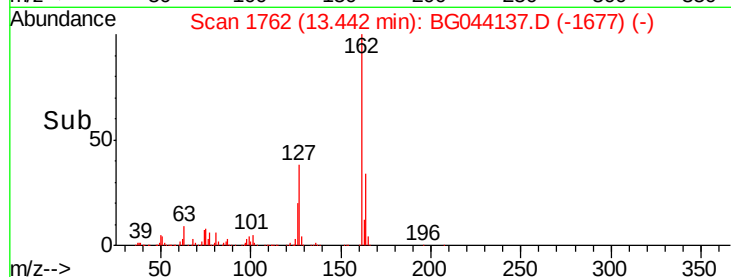
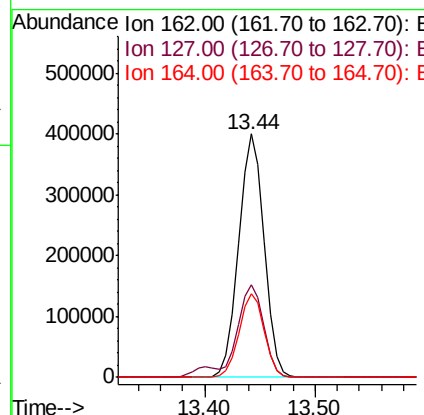
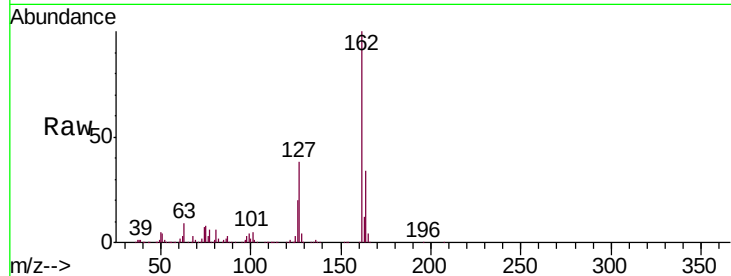




#47  
 2-Chloronaphthalene  
 Concen: 44.506 ng  
 RT: 13.44 min Scan# 1762  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

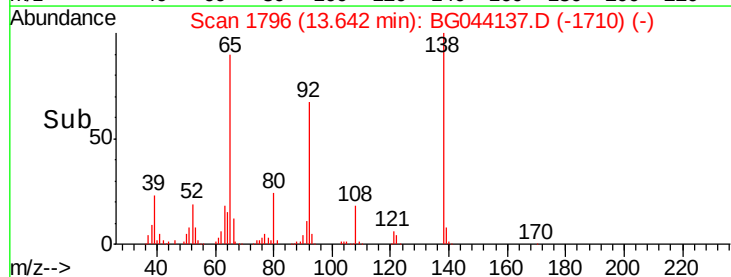
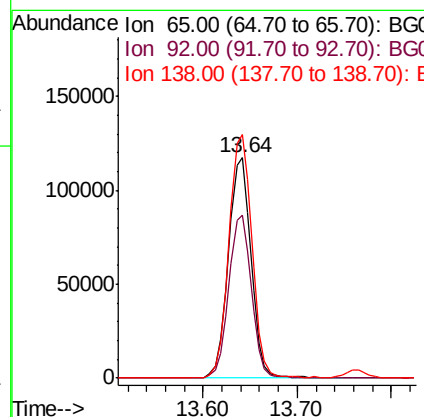
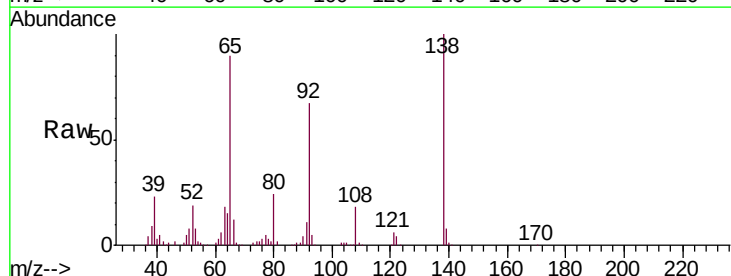
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B1-15-30MS

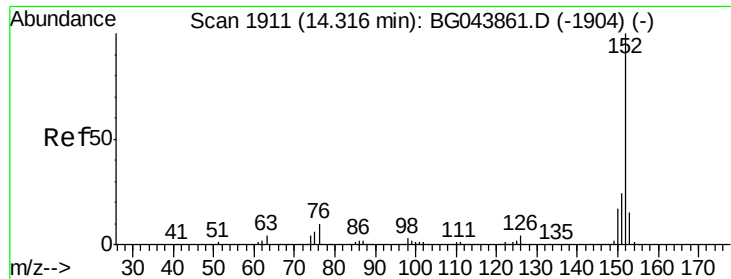
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.2  | 32.1  | 48.1  |
| 164     | 34.3  | 27.5  | 41.3  |



#48  
 2-Nitroaniline  
 Concen: 42.287 ng  
 RT: 13.64 min Scan# 1796  
 Delta R.T. -0.02 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.9  | 57.4  | 86.2  |
| 138     | 110.6 | 88.2  | 132.4 |





#49

Acenaphthylene

Concen: 48.875 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

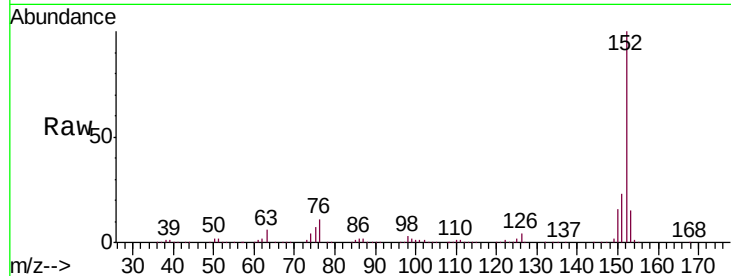
Tgt Ion:152 Resp: 1021152

Ion Ratio Lower Upper

152 100

151 23.2 19.4 29.2

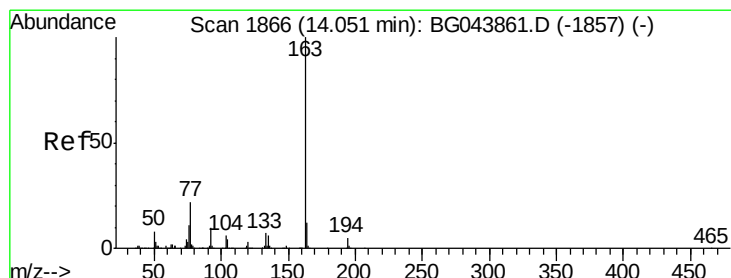
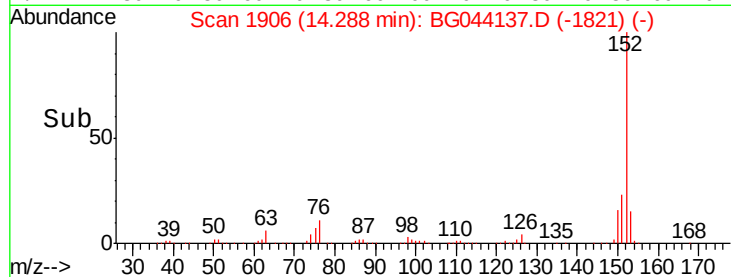
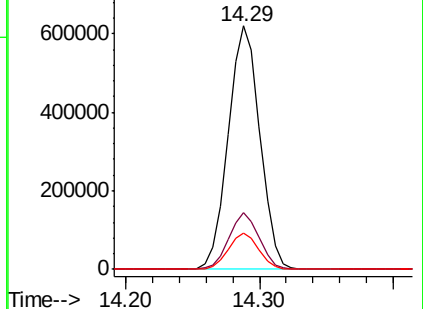
153 14.8 12.0 18.0



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: 50.421 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

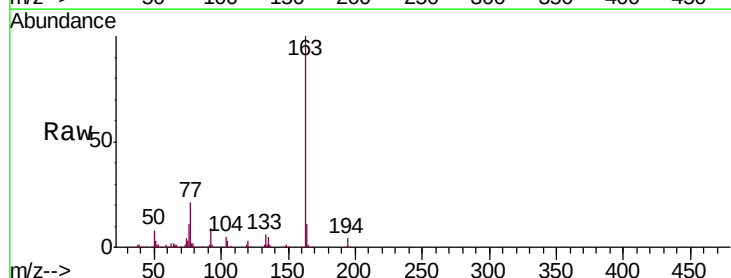
Tgt Ion:163 Resp: 898244

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

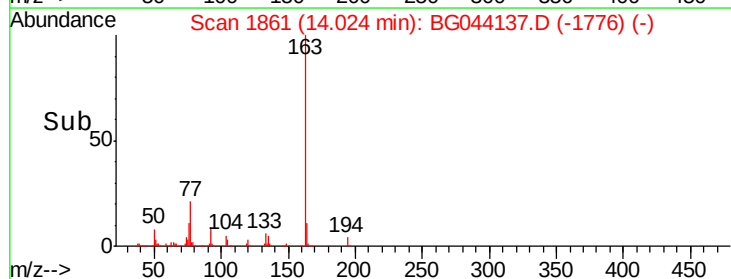
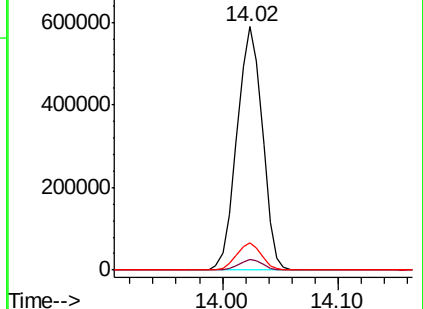
164 11.2 9.3 13.9

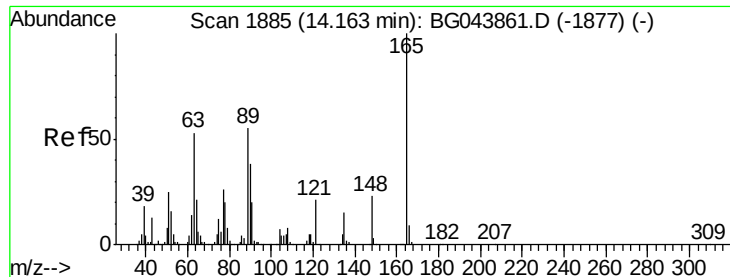


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

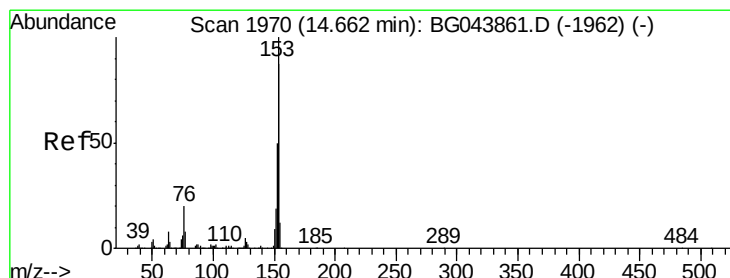
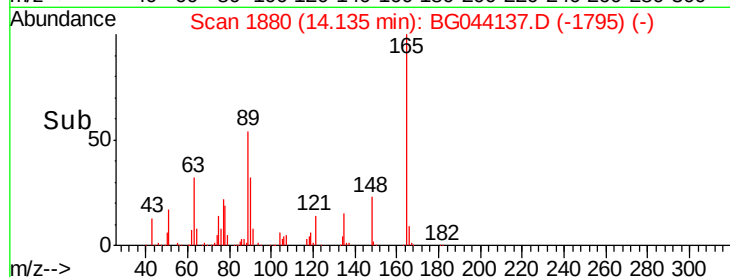
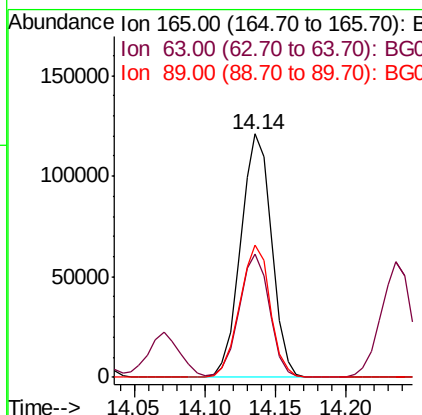
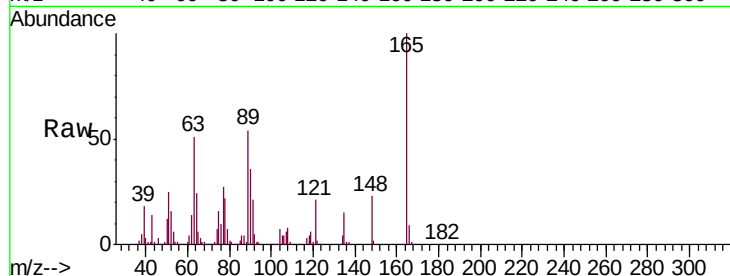




#51  
 2,6-Dinitrotoluene  
 Concen: 45.941 ng  
 RT: 14.14 min Scan# 1880  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

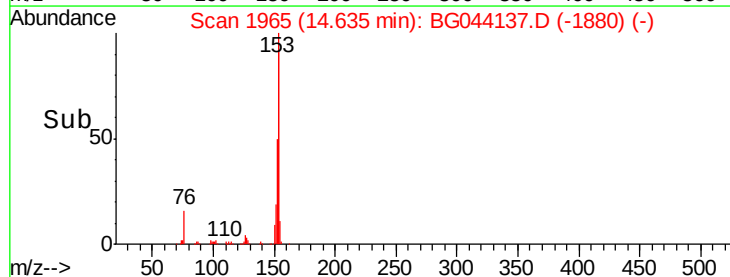
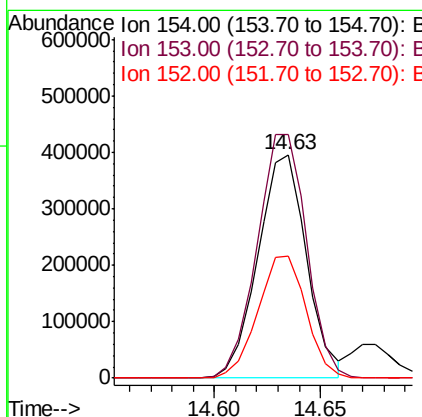
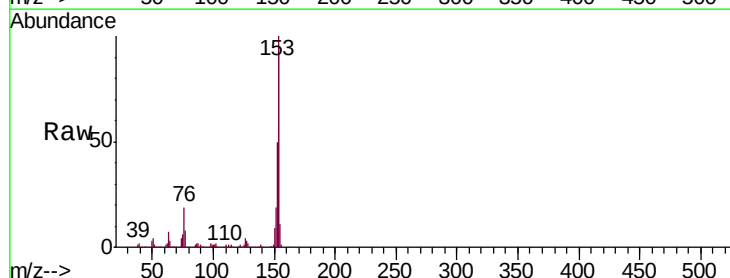
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B1-15-30MS

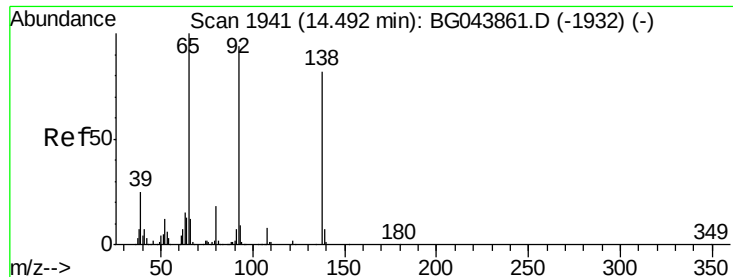
Tgt Ion:165 Resp: 184984  
 Ion Ratio Lower Upper  
 165 100  
 63 50.6 43.1 64.7  
 89 54.4 43.8 65.6



#52  
 Acenaphthene  
 Concen: 43.293 ng  
 RT: 14.63 min Scan# 1965  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

Tgt Ion:154 Resp: 634327  
 Ion Ratio Lower Upper  
 154 100  
 153 108.9 91.6 137.4  
 152 54.9 45.4 68.0





#53

3-Nitroaniline

Concen: 24.421 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

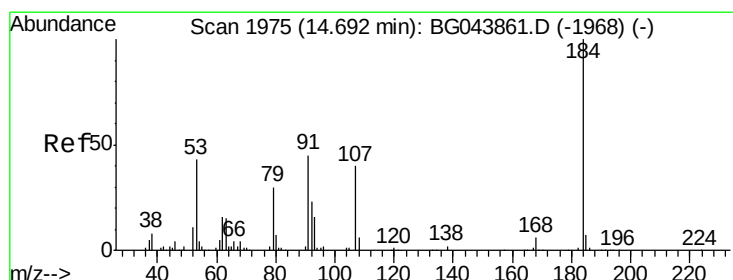
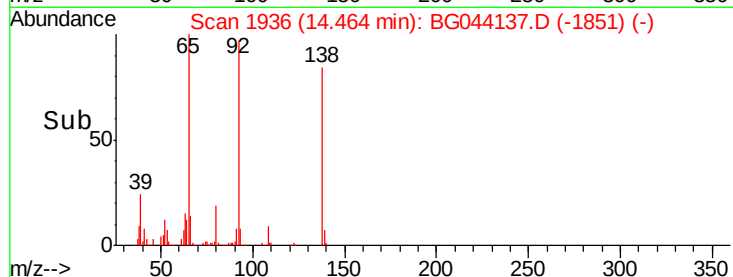
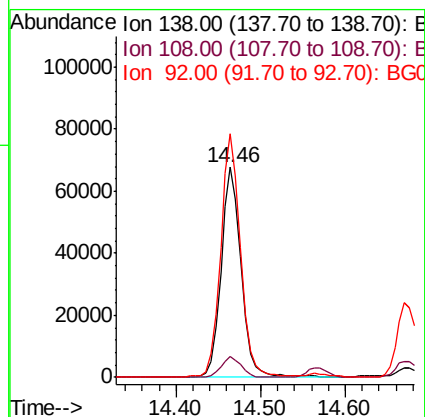
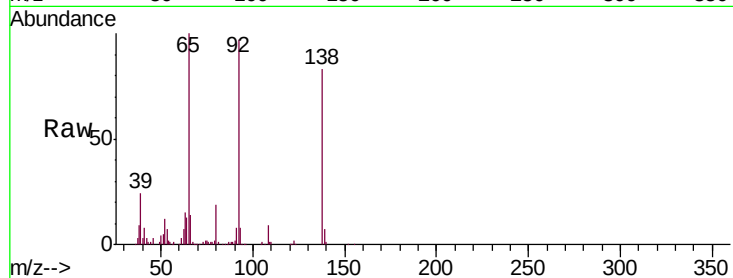
Tgt Ion:138 Resp: 111664

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.2

92 116.0 92.1 138.1



#54

2,4-Dinitrophenol

Concen: 84.046 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

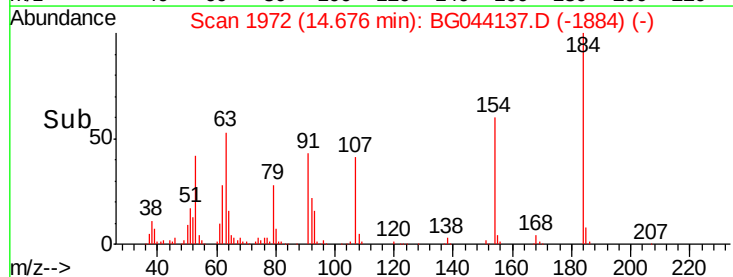
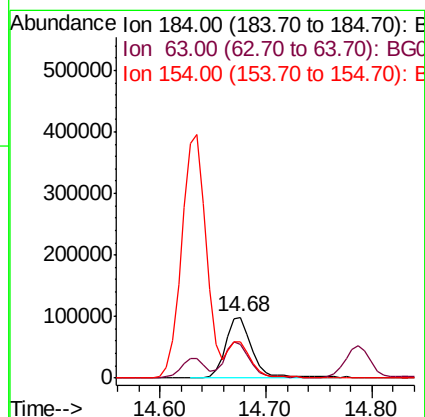
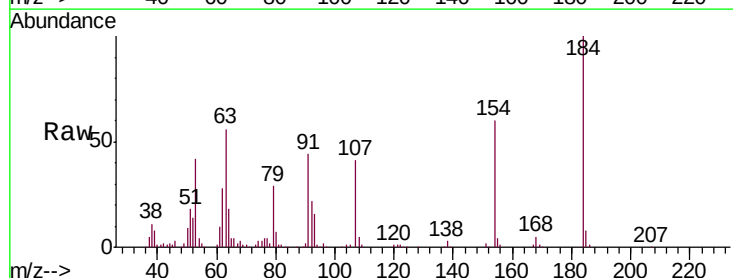
Tgt Ion:184 Resp: 173019

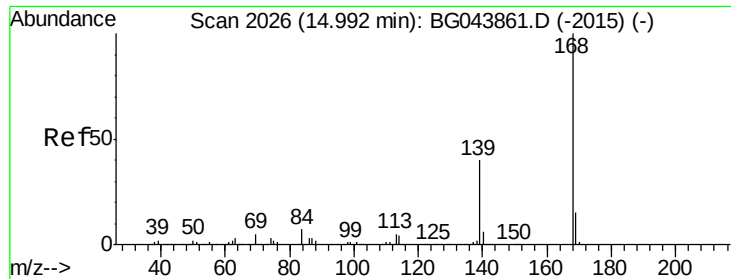
Ion Ratio Lower Upper

184 100

63 55.7 46.6 70.0

154 60.3 50.2 75.4





#55

Dibenzofuran

Concen: 47.415 ng

RT: 14.96 min Scan# 2021

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

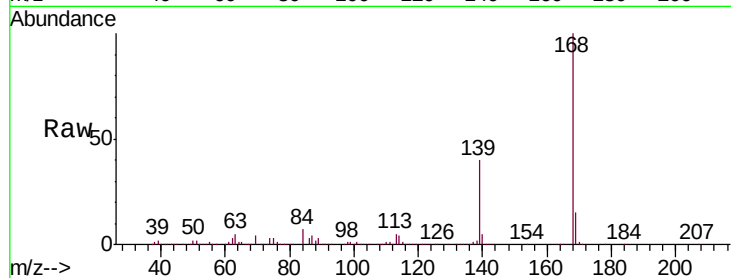
Tgt Ion:168 Resp: 956383

Ion Ratio Lower Upper

168 100

139 39.7 32.2 48.2

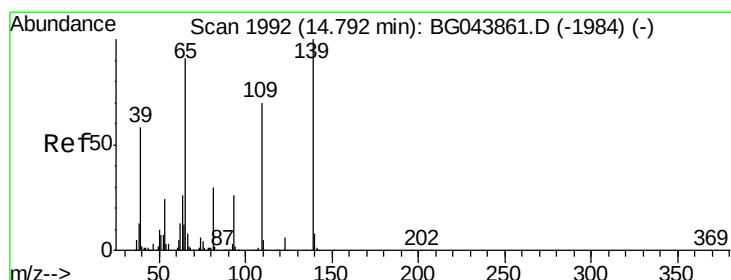
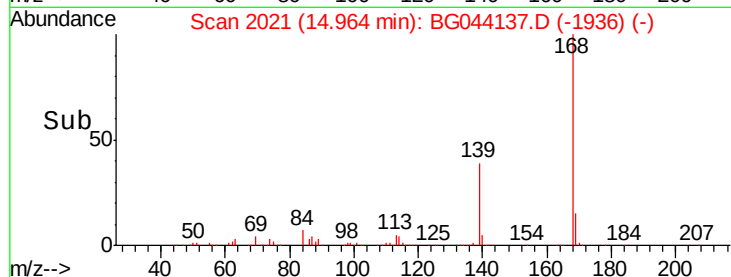
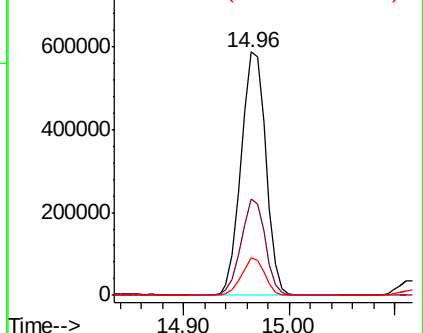
169 15.2 12.2 18.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 95.116 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

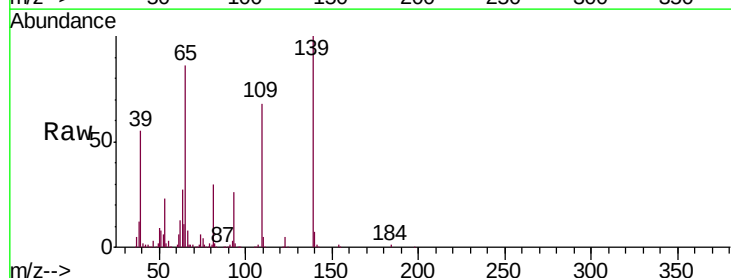
Tgt Ion:139 Resp: 333282

Ion Ratio Lower Upper

139 100

109 67.6 50.4 90.4

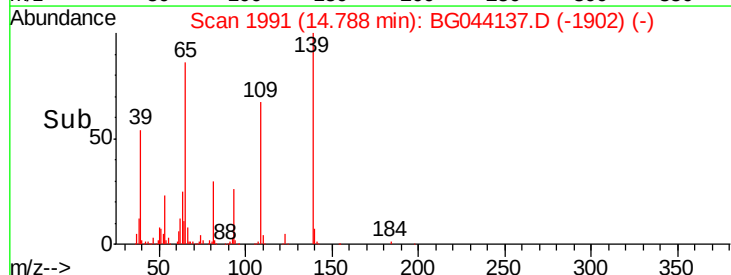
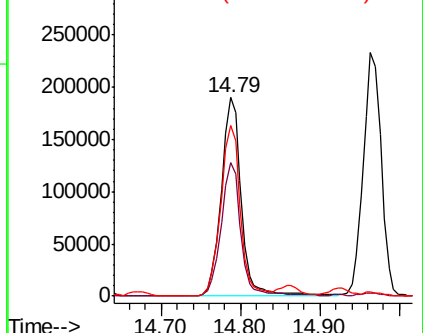
65 86.1 71.4 111.4



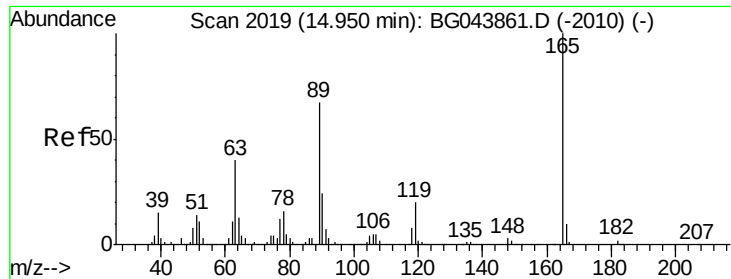
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG



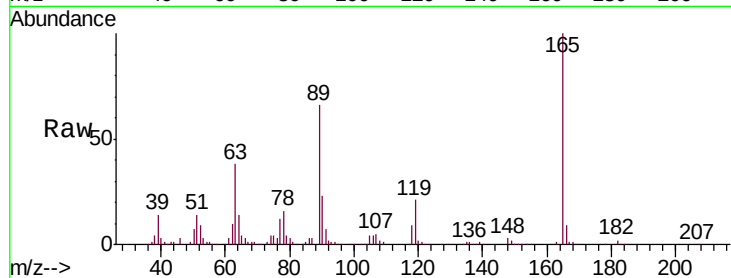




#57  
2,4-Dinitrotoluene  
Concen: 47.019 ng  
RT: 14.93 min Scan# 2015  
Delta R.T. -0.02 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 257616 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 38.1  | 31.9  | 47.9   |
| 89       | 65.6  | 53.8  | 80.6   |
| 182      | 2.5   | 2.0   | 3.0    |



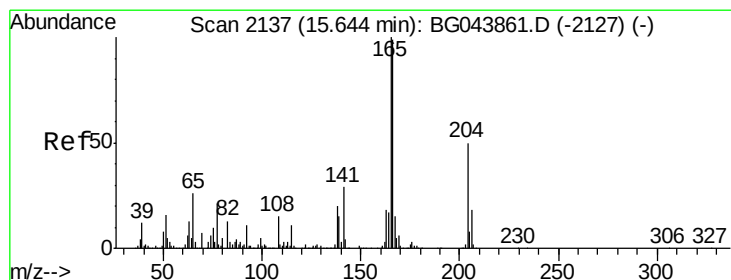
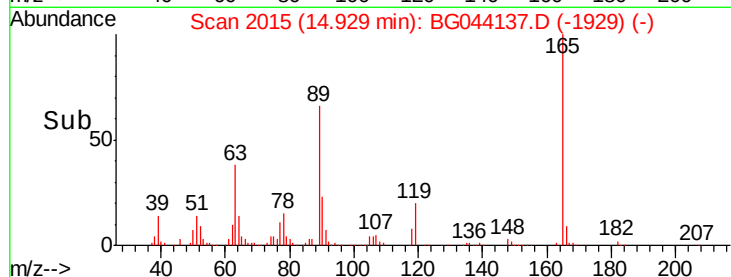
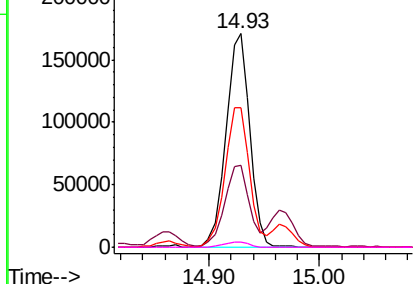
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

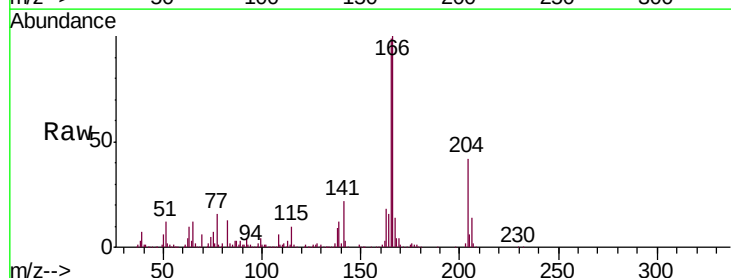
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 46.872 ng  
RT: 15.62 min Scan# 2132  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 749347 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 99.2  | 80.8  | 121.2  |
| 167      | 14.1  | 12.1  | 18.1   |

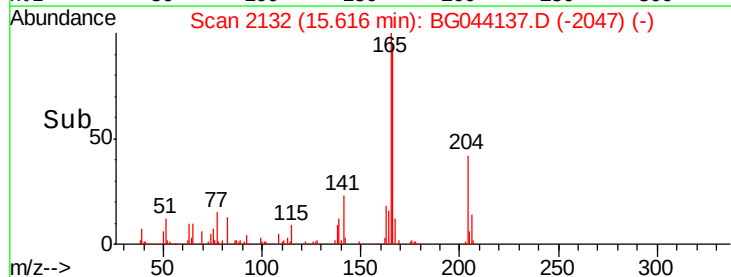
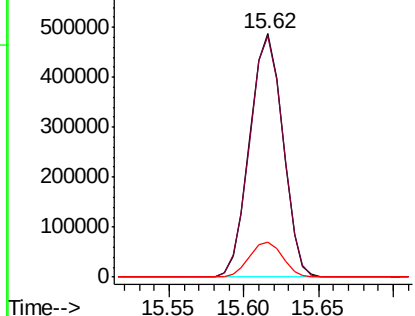


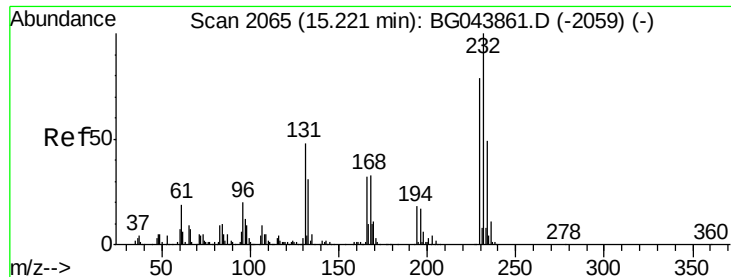
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

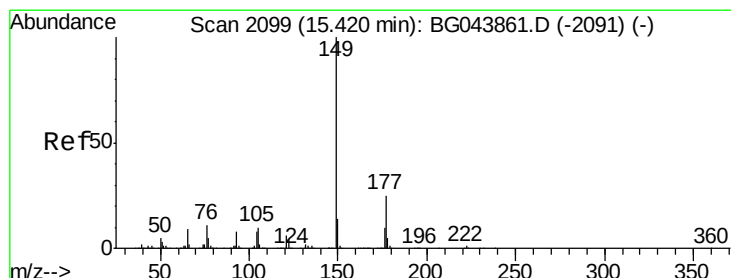
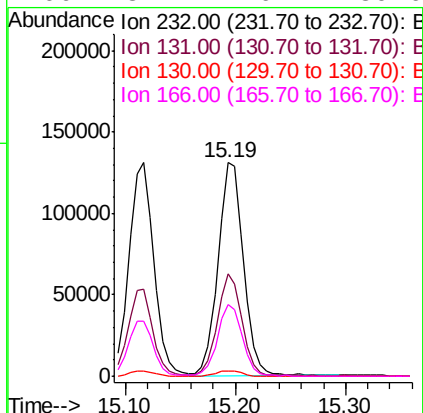
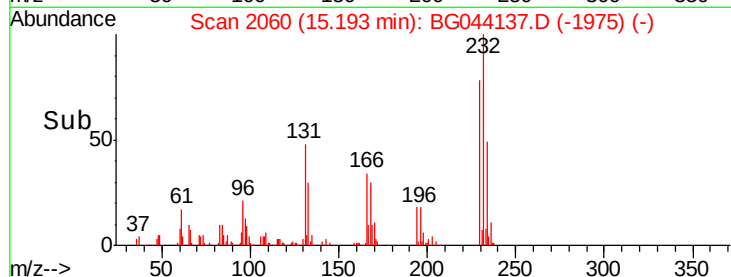
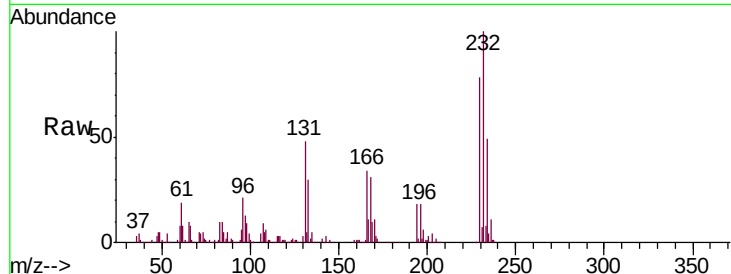




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.594 ng  
 RT: 15.19 min Scan# 2060  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

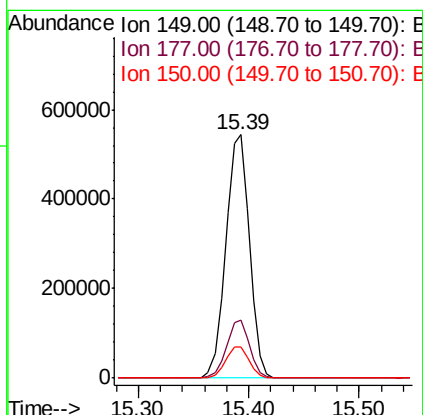
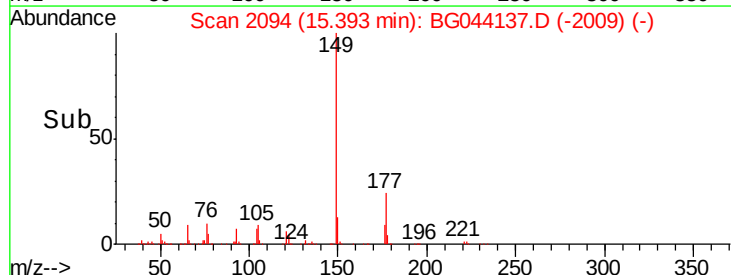
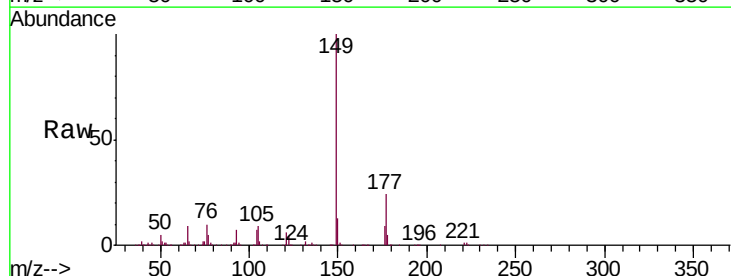
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B1-15-30MS

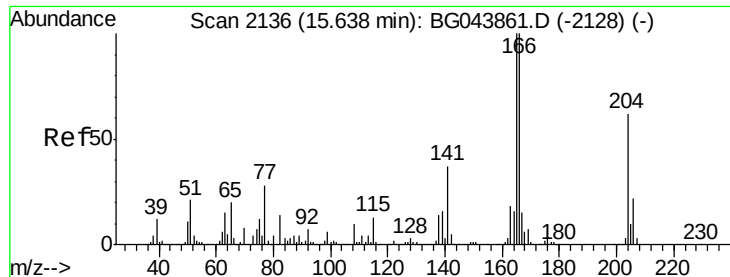
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 209099 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 46.5  | 38.2  | 57.2   |
| 130      | 2.5   | 2.2   | 3.2    |
| 166      | 32.7  | 26.4  | 39.6   |



#60  
 Diethylphthalate  
 Concen: 45.559 ng  
 RT: 15.39 min Scan# 2094  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 811785 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.7  | 20.0  | 30.0   |
| 150      | 12.9  | 11.1  | 16.7   |





#61

4-Chlorophenyl-phenylether

Concen: 45.084 ng

RT: 15.61 min Scan# 2131

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

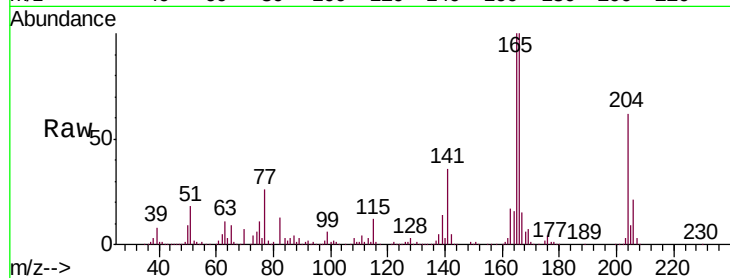
Tgt Ion:204 Resp: 391374

Ion Ratio Lower Upper

204 100

206 34.4 28.2 42.2

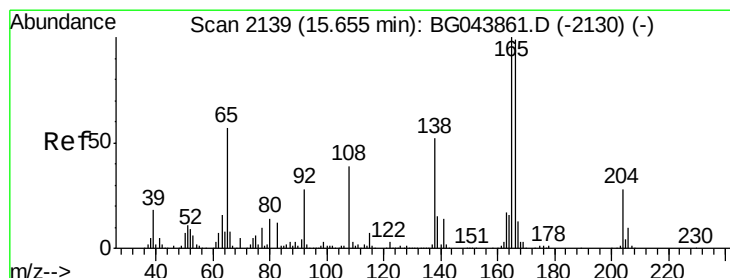
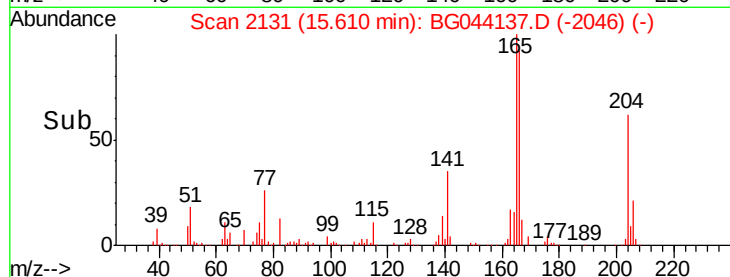
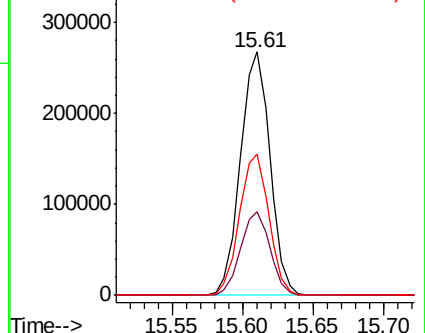
141 58.2 48.2 72.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 41.073 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

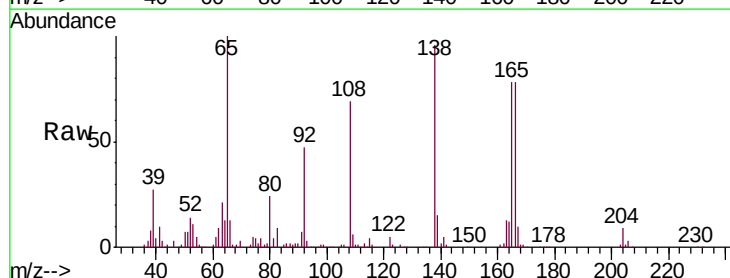
Tgt Ion:138 Resp: 185462

Ion Ratio Lower Upper

138 100

92 49.1 34.3 74.3

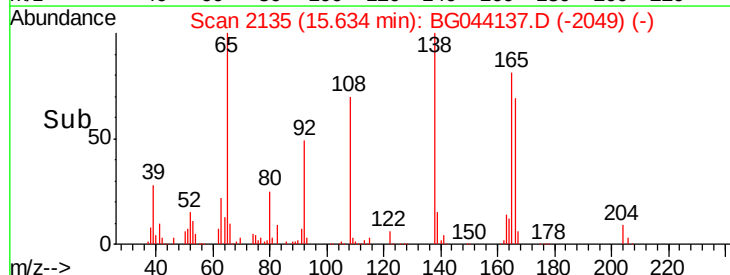
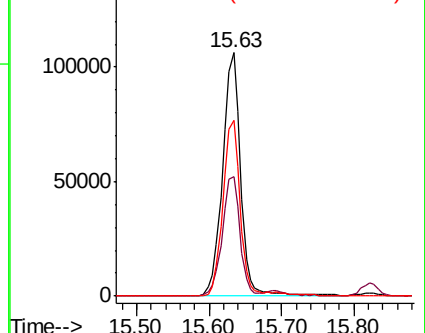
108 72.2 55.0 95.0

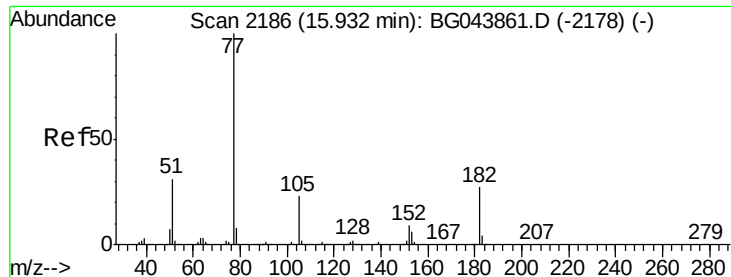


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 46.069 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

Tgt Ion: 77 Resp: 761281

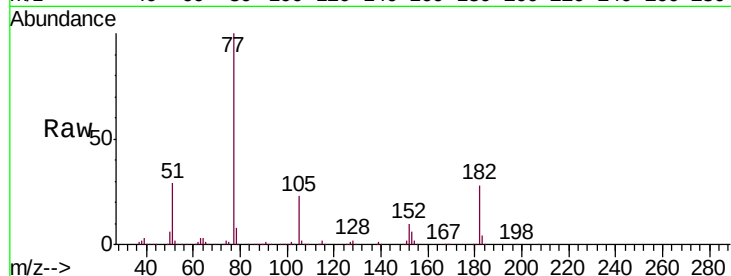
Ion Ratio Lower Upper

77 100

182 27.9 7.3 47.3

105 23.2 3.2 43.2

51 28.8 10.6 50.6

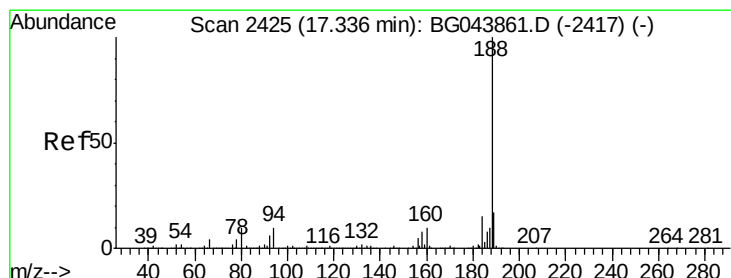
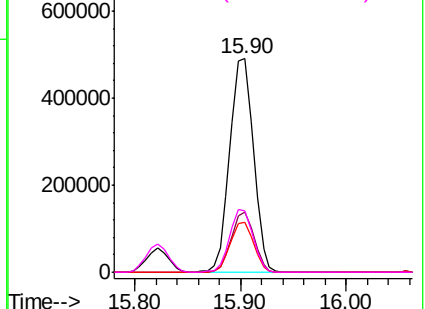
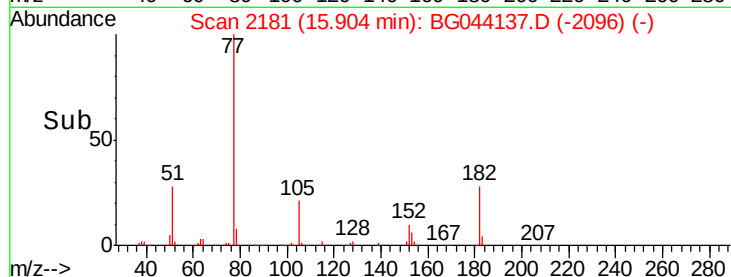


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

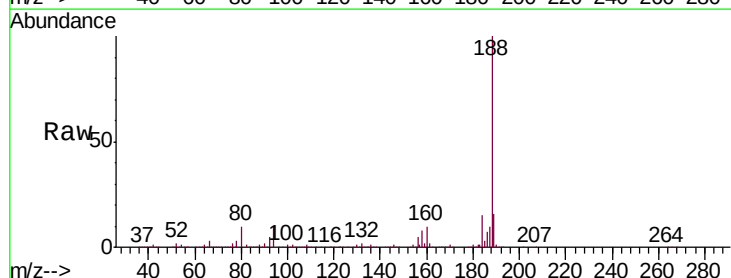
Tgt Ion: 188 Resp: 515277

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

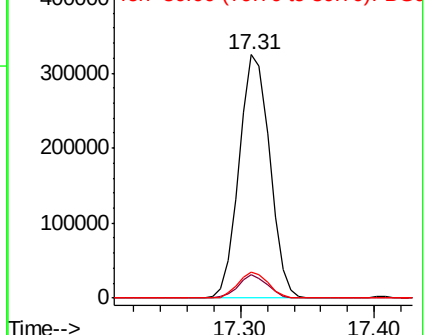
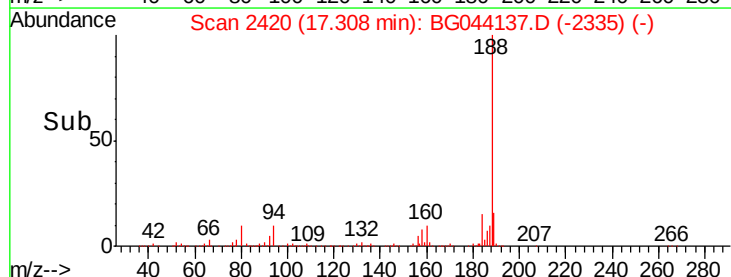
80 10.4 8.2 12.4

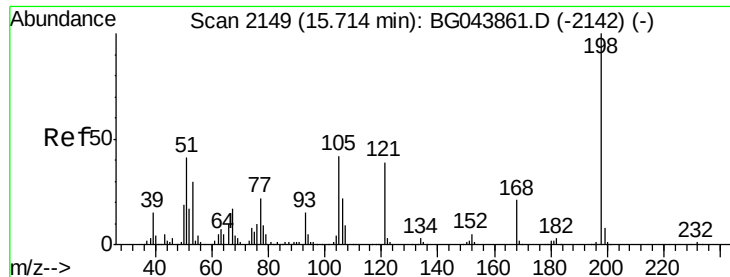


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

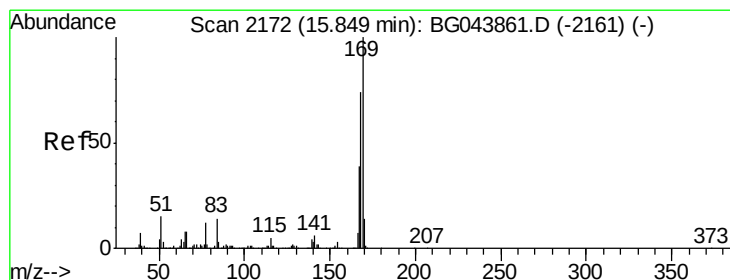
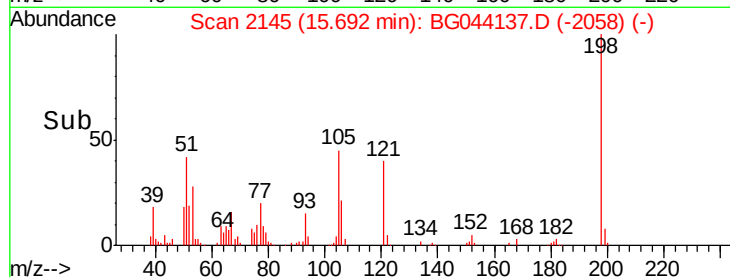
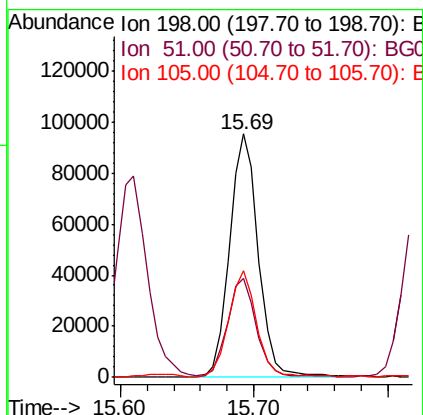
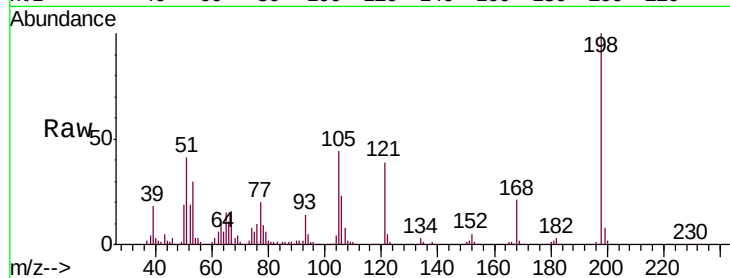




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 53.208 ng  
 RT: 15.69 min Scan# 2145  
 Delta R.T. -0.02 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

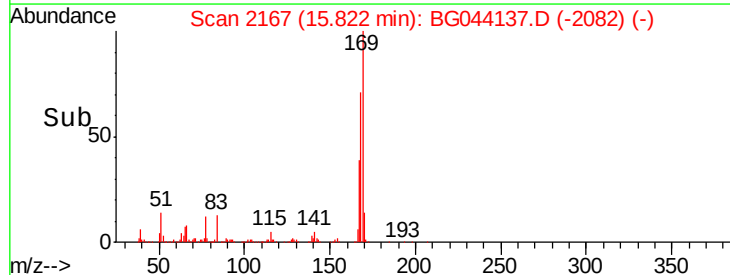
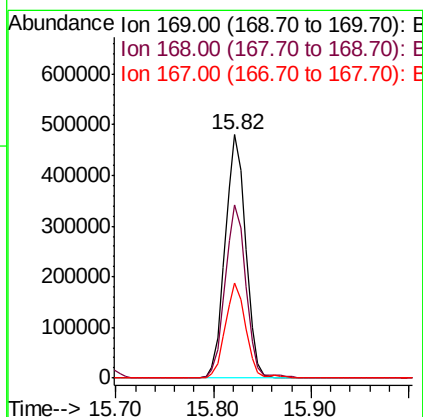
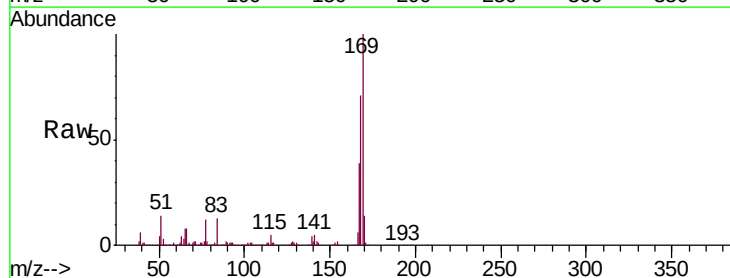
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B1-15-30MS

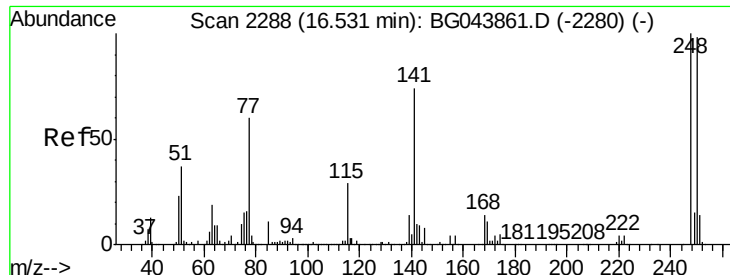
Tgt Ion:198 Resp: 142650  
 Ion Ratio Lower Upper  
 198 100  
 51 40.9 22.5 62.5  
 105 43.7 22.3 62.3



#66  
 n-Nitrosodiphenylamine  
 Concen: 46.107 ng  
 RT: 15.82 min Scan# 2167  
 Delta R.T. -0.03 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

Tgt Ion:169 Resp: 699631  
 Ion Ratio Lower Upper  
 169 100  
 168 71.1 59.0 88.6  
 167 39.0 31.4 47.0

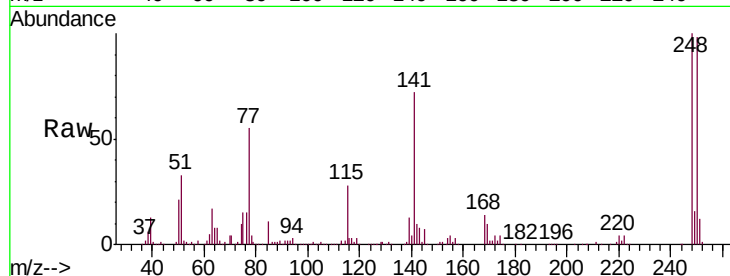




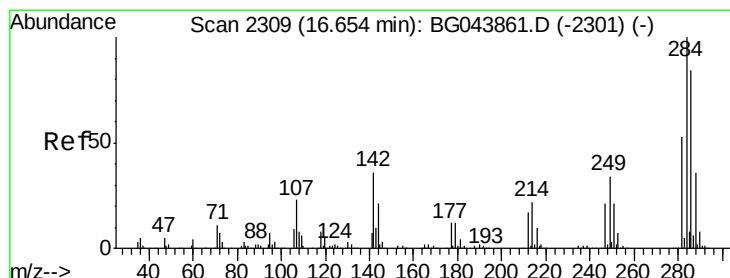
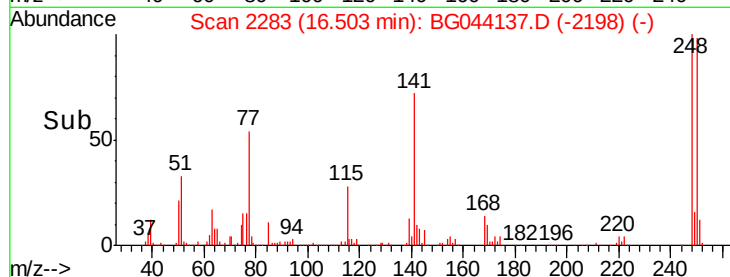
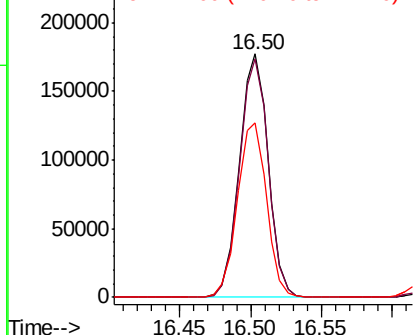
#67  
4-Bromophenyl-phenylether  
Concen: 43.359 ng  
RT: 16.50 min Scan# 2283  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

Tgt Ion: 248 Resp: 251280  
Ion Ratio Lower Upper  
248 100  
250 98.0 78.2 117.2  
141 71.8 59.3 88.9

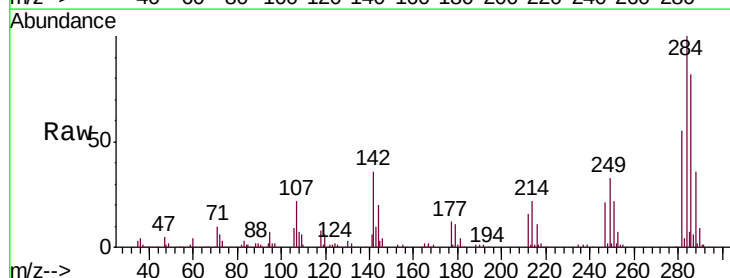


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

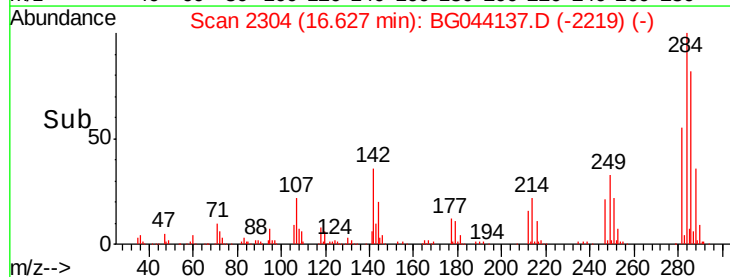
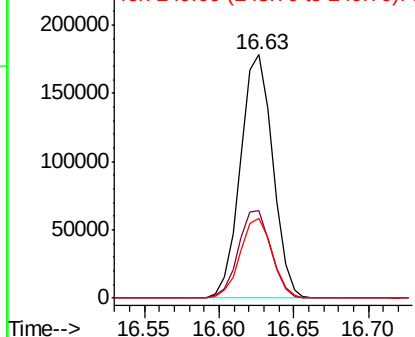


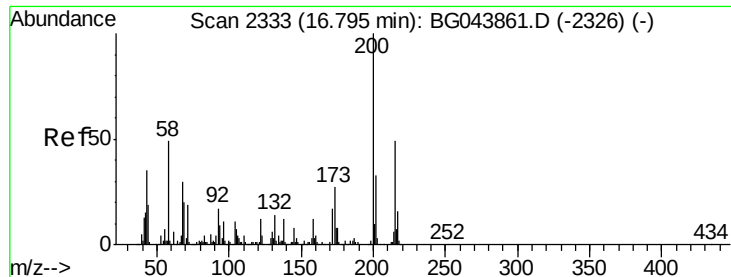
#68  
Hexachlorobenzene  
Concen: 42.808 ng  
RT: 16.63 min Scan# 2304  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

Tgt Ion: 284 Resp: 267316  
Ion Ratio Lower Upper  
284 100  
142 36.0 28.6 43.0  
249 32.8 27.0 40.6



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





#69

Atrazine

Concen: 51.230 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

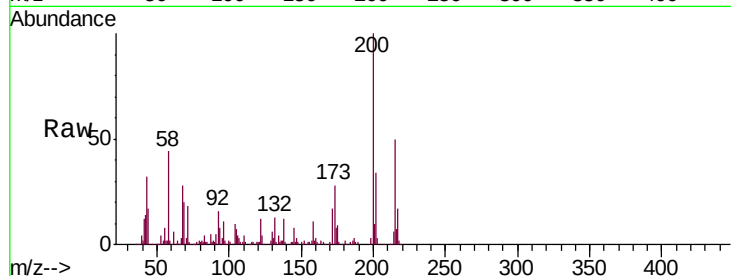
Tgt Ion:200 Resp: 252689

Ion Ratio Lower Upper

200 100

173 27.8 6.6 46.6

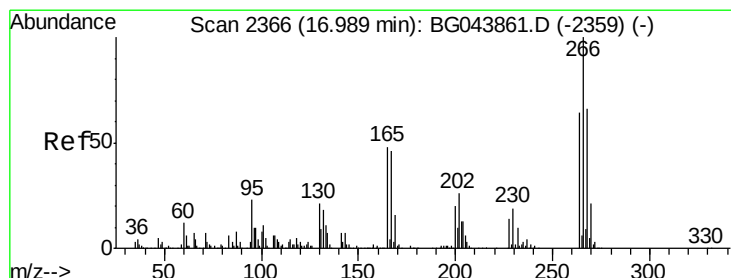
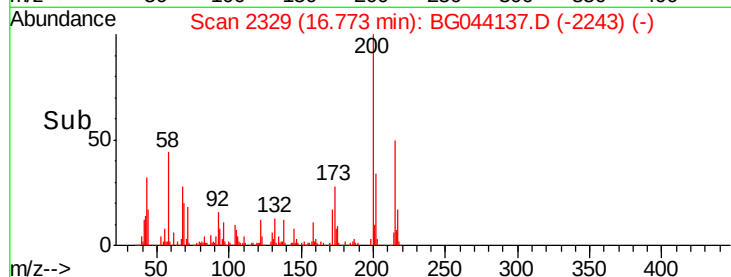
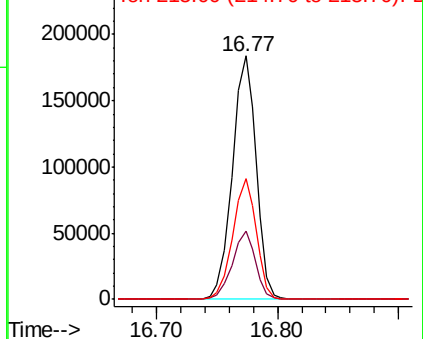
215 49.7 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.476 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

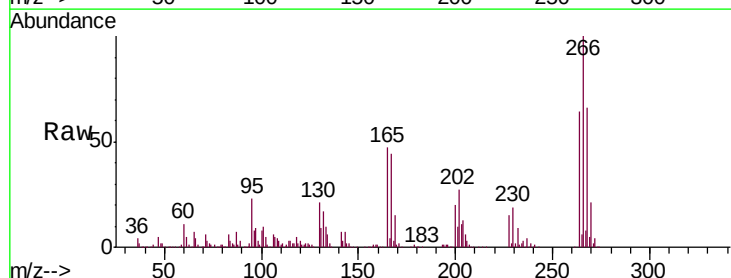
Tgt Ion:266 Resp: 290794

Ion Ratio Lower Upper

266 100

268 65.9 52.6 79.0

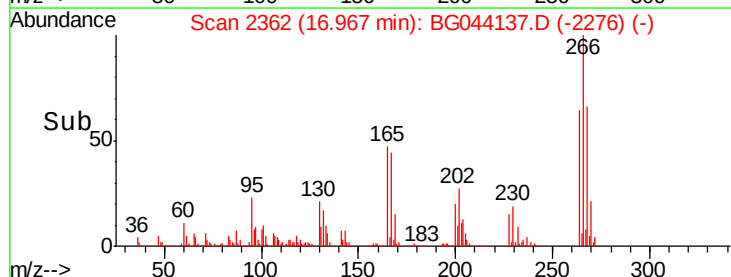
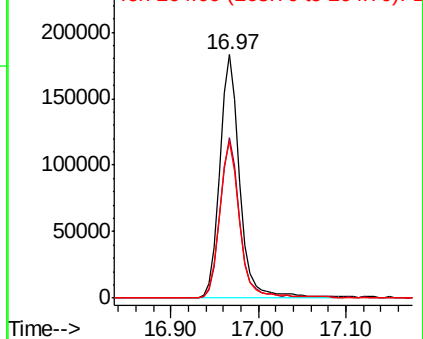
264 64.1 50.8 76.2

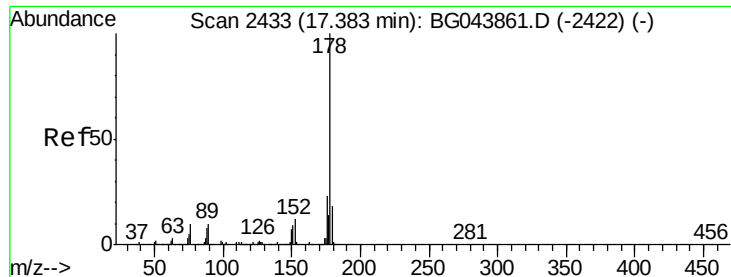


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

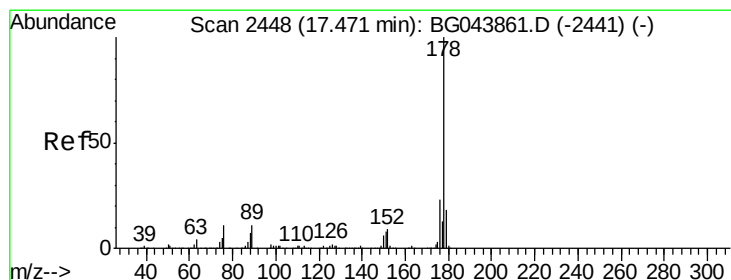
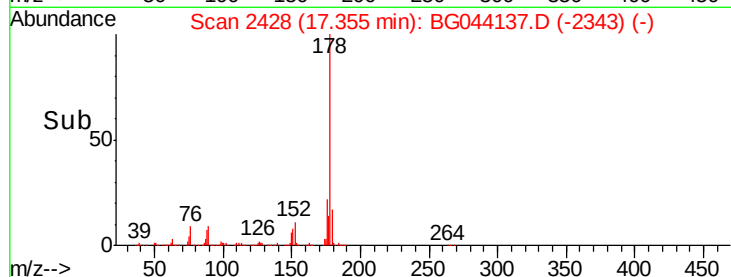
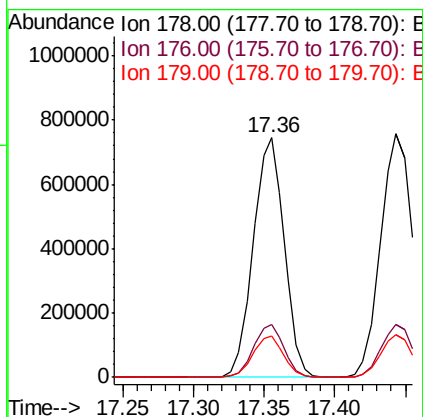
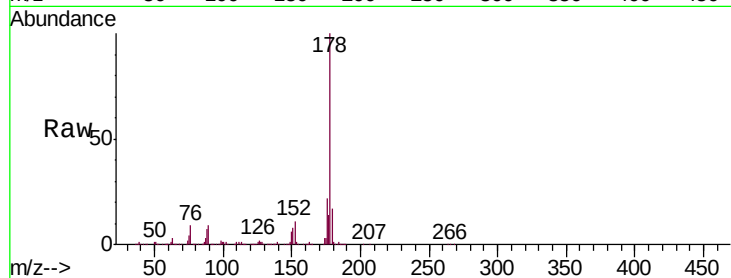




#71  
Phenanthrene  
Concen: 46.622 ng  
RT: 17.36 min Scan# 2428  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

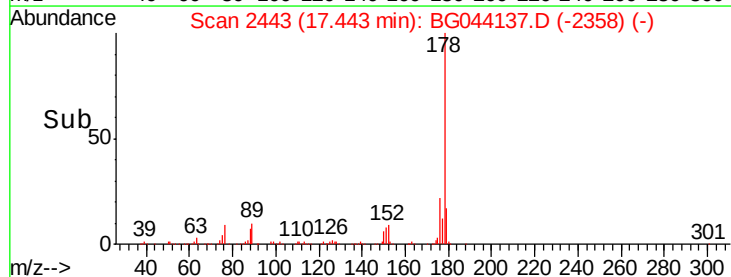
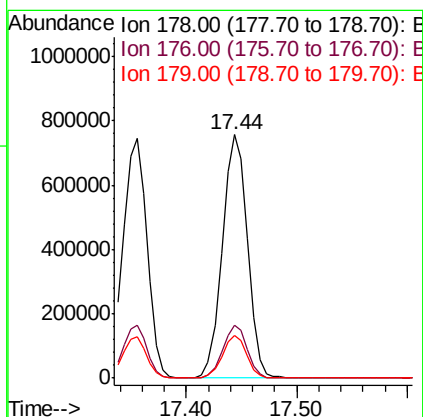
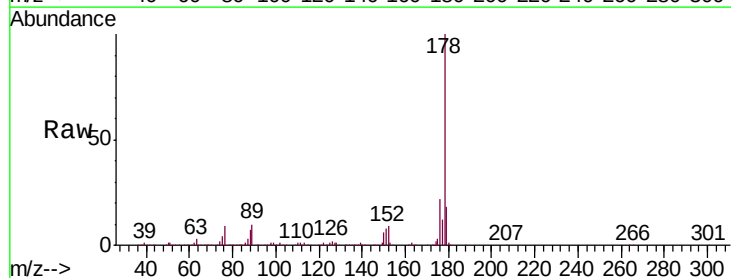
Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

Tgt Ion:178 Resp: 1152278  
Ion Ratio Lower Upper  
178 100  
176 22.2 18.6 28.0  
179 17.3 14.4 21.6

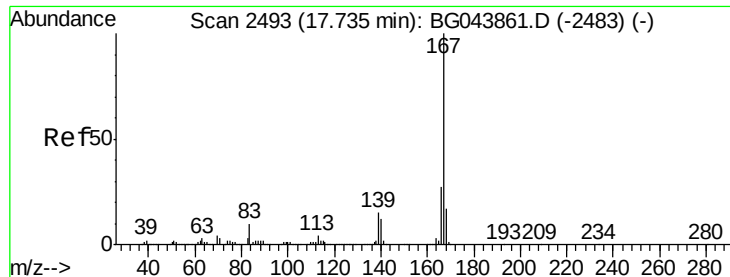


#72  
Anthracene  
Concen: 49.123 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

Tgt Ion:178 Resp: 1199863  
Ion Ratio Lower Upper  
178 100  
176 21.7 18.3 27.5  
179 17.5 14.6 22.0







#73

Carbazole

Concen: 47.194 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

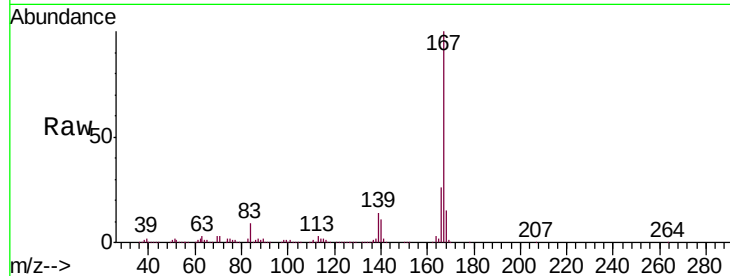
Tgt Ion:167 Resp: 1064806

Ion Ratio Lower Upper

167 100

166 25.7 21.6 32.4

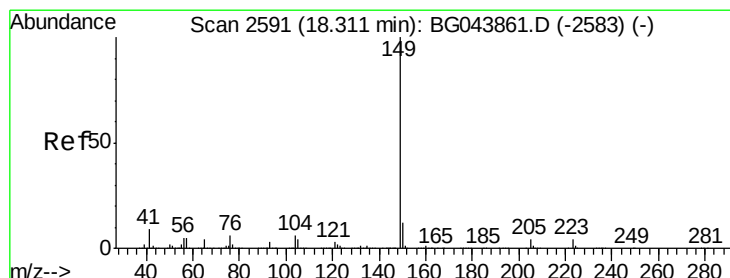
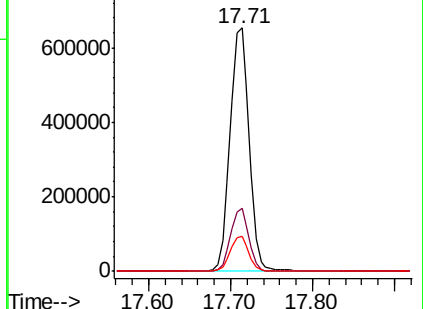
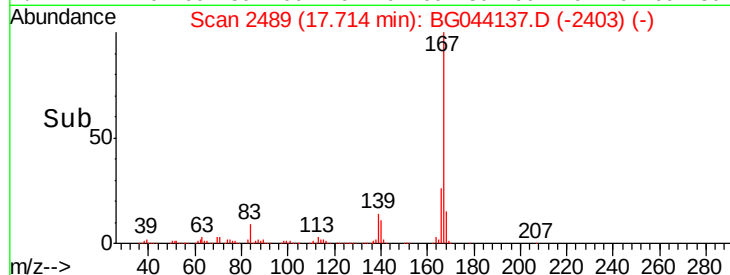
139 14.2 12.1 18.1



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: 45.570 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

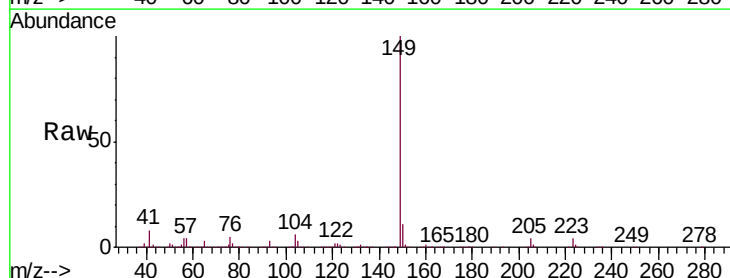
Tgt Ion:149 Resp: 1312739

Ion Ratio Lower Upper

149 100

150 10.8 9.7 14.5

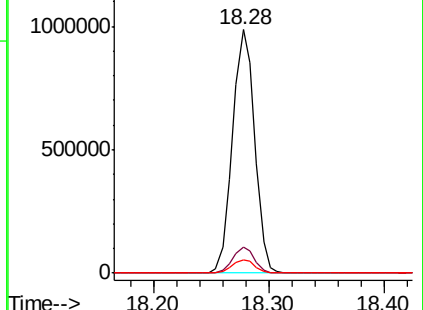
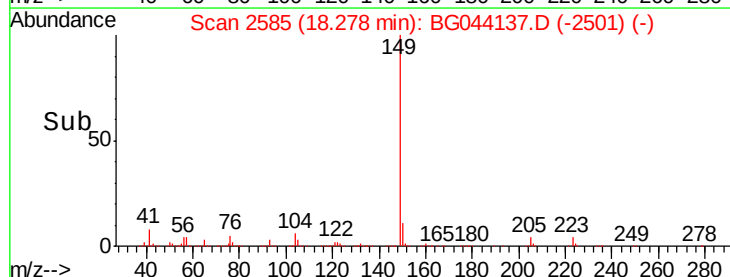
104 5.5 5.0 7.4

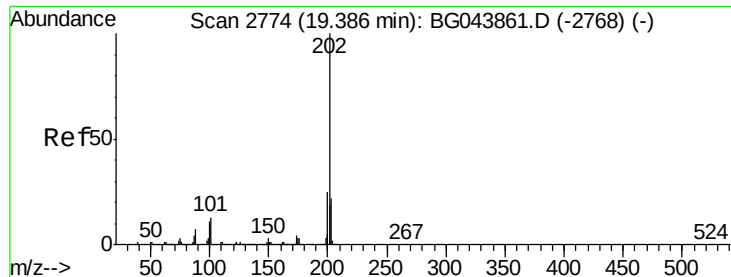


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.762 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

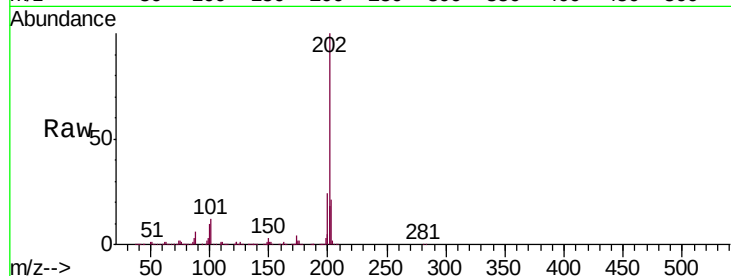
Tgt Ion:202 Resp: 1321753

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.3

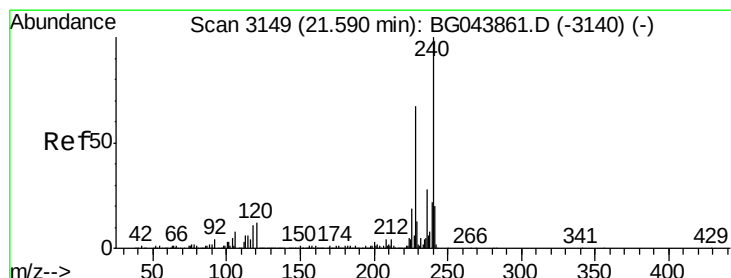
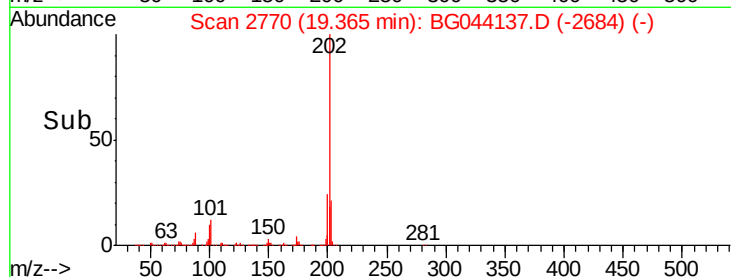
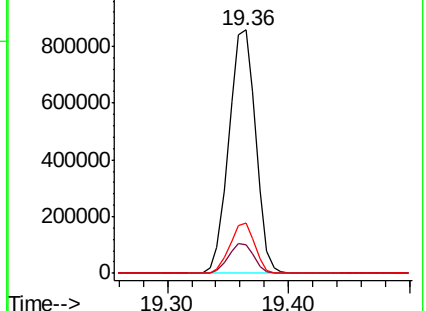
203 20.6 1.6 41.6



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: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

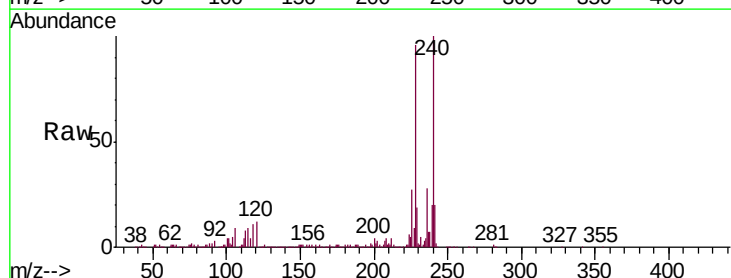
Tgt Ion:240 Resp: 431884

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

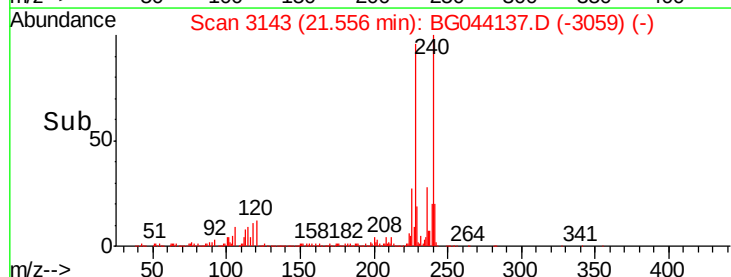
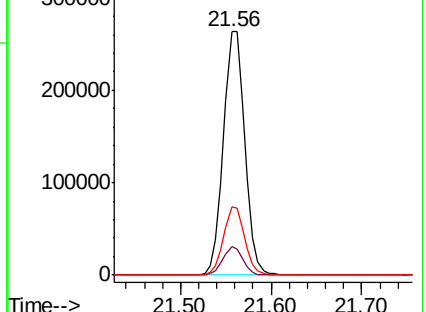
236 28.3 22.2 33.2

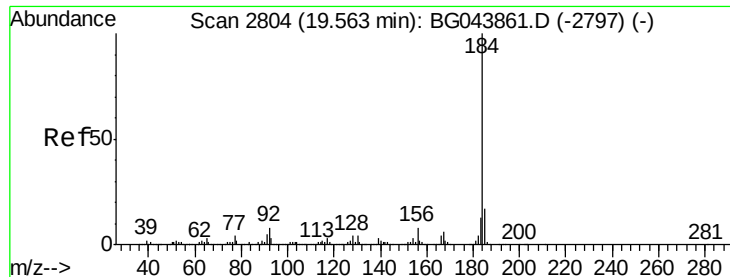


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.847 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

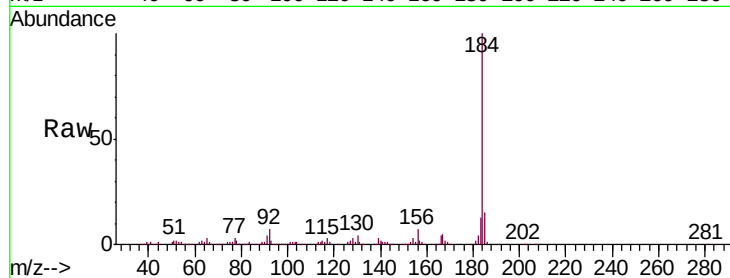
Tgt Ion:184 Resp: 443425

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

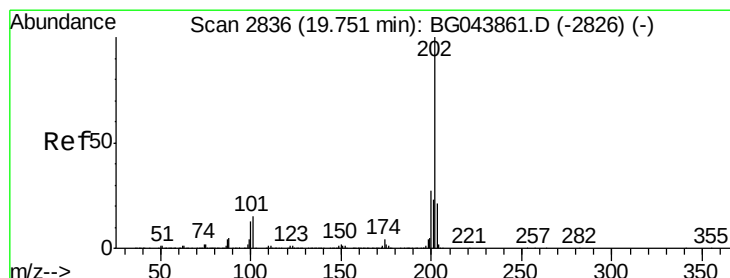
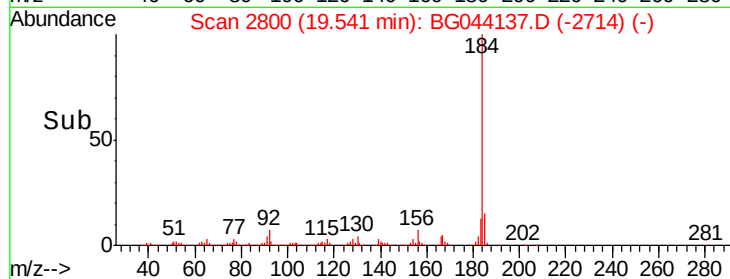
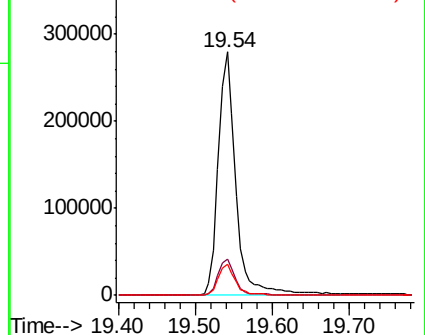
183 12.8 10.6 15.8



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: 46.941 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

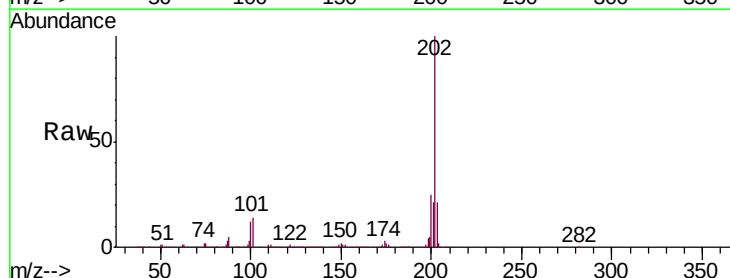
Tgt Ion:202 Resp: 1323295

Ion Ratio Lower Upper

202 100

200 25.1 21.7 32.5

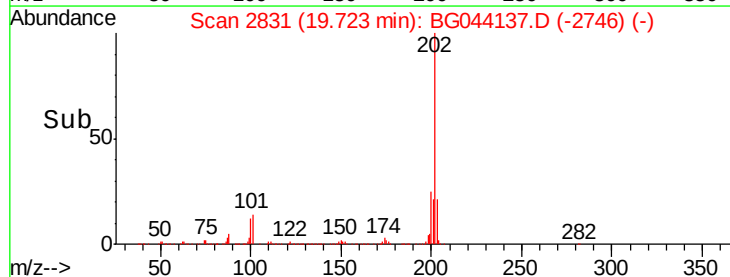
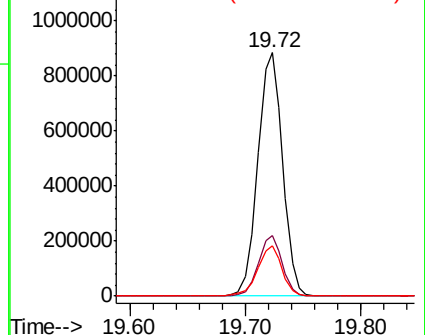
203 20.9 17.0 25.6

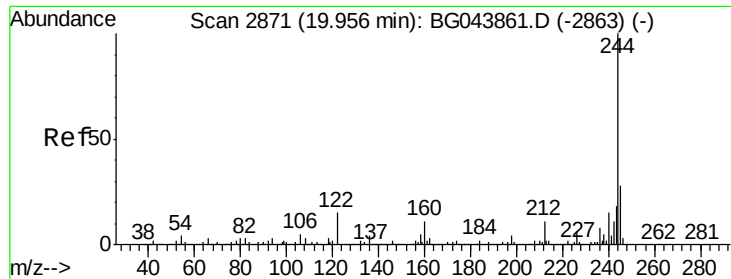


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 111.161 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

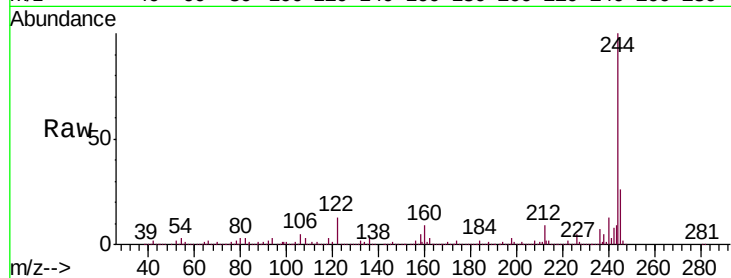
Tgt Ion:244 Resp: 1843414

Ion Ratio Lower Upper

244 100

212 9.3 8.6 13.0

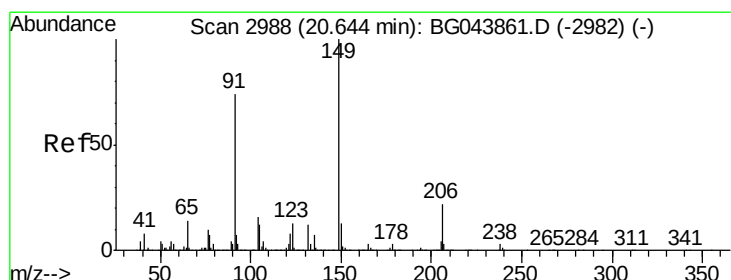
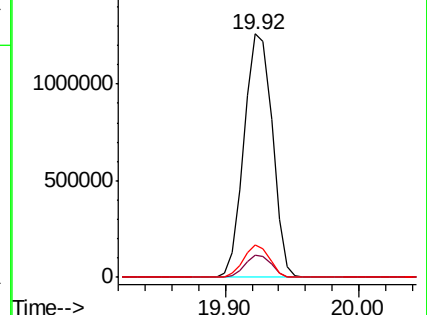
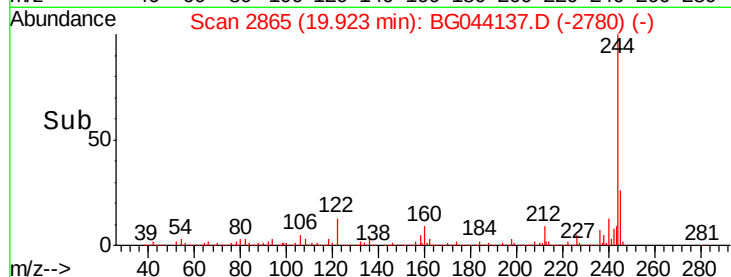
122 13.3 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.214 ng

RT: 20.62 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

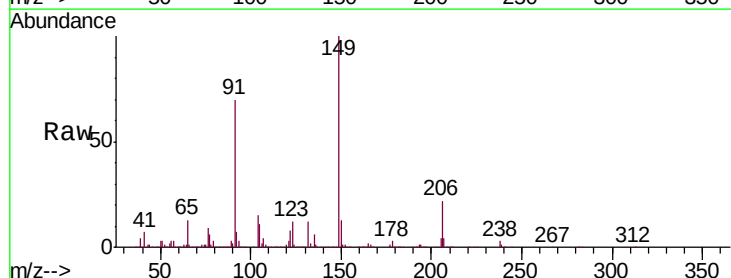
Tgt Ion:149 Resp: 620257

Ion Ratio Lower Upper

149 100

91 69.7 59.5 89.3

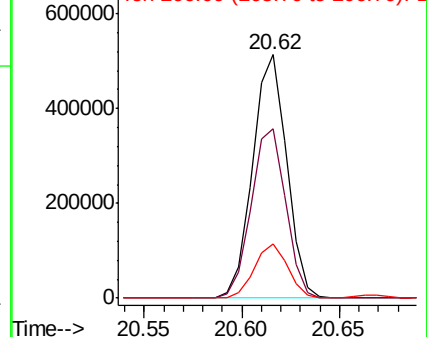
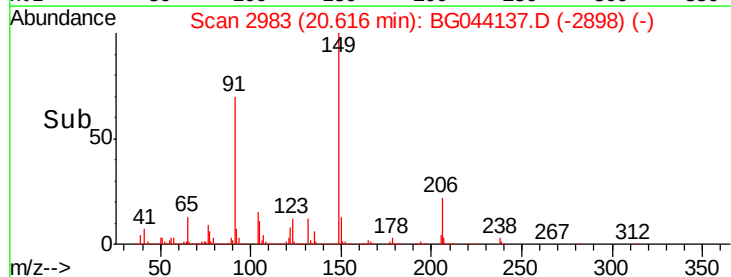
206 22.5 17.8 26.6

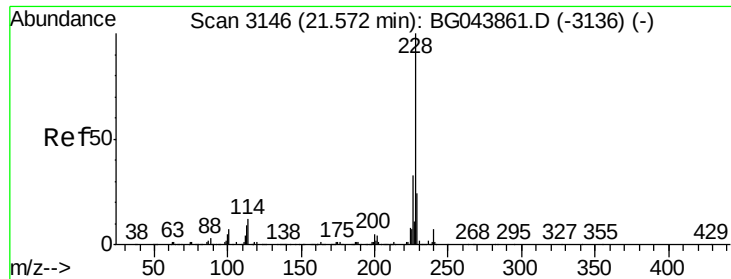


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

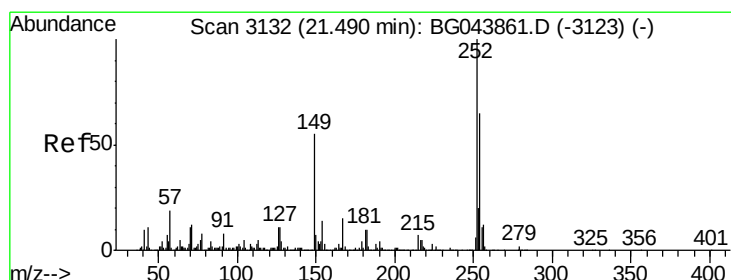
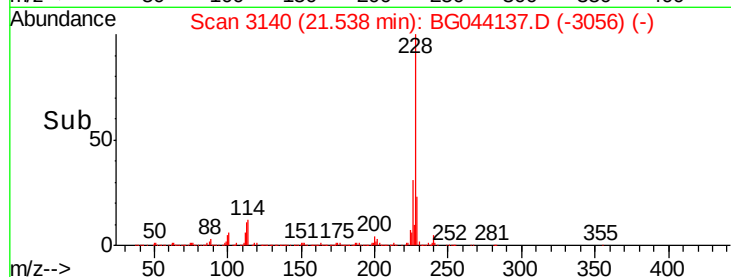
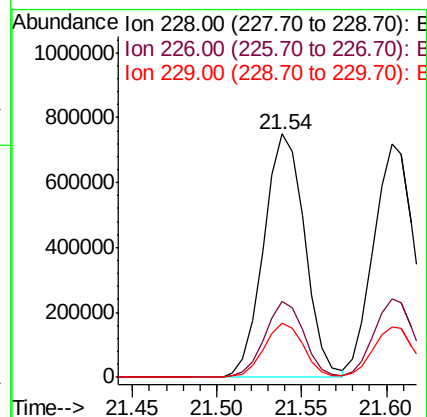
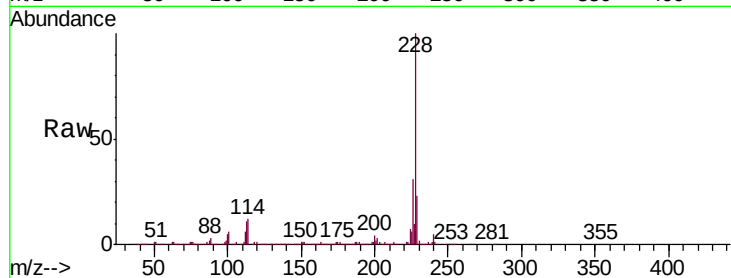




#81  
Benzo(a)anthracene  
Concen: 47.259 ng  
RT: 21.54 min Scan# 3140  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

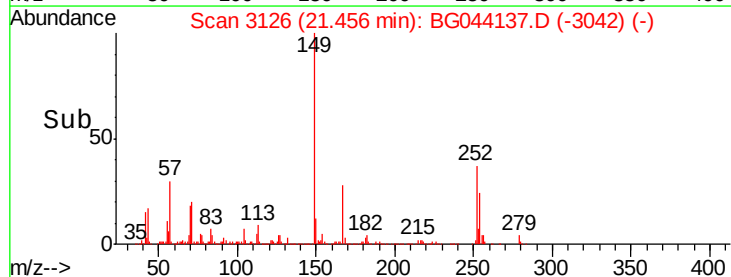
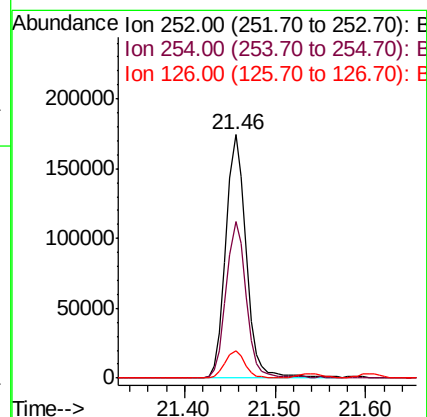
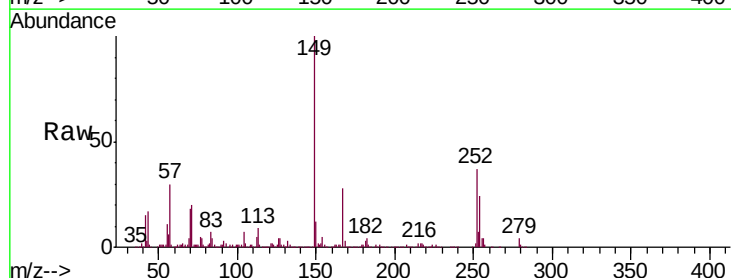
Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

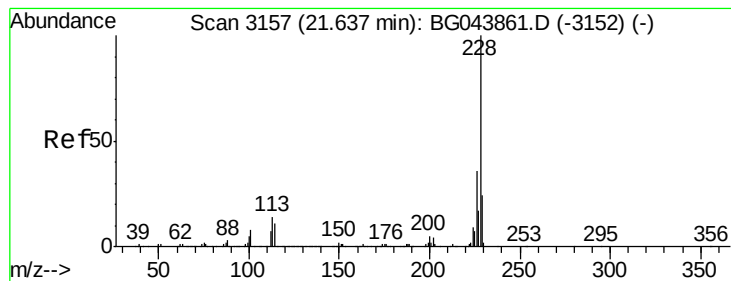
Tgt Ion: 228 Resp: 1265582  
Ion Ratio Lower Upper  
228 100  
226 31.1 26.2 39.4  
229 22.5 18.9 28.3



#82  
3,3'-Dichlorobenzidine  
Concen: 25.728 ng  
RT: 21.46 min Scan# 3126  
Delta R.T. -0.03 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

Tgt Ion: 252 Resp: 272200  
Ion Ratio Lower Upper  
252 100  
254 64.5 52.1 78.1  
126 11.0 9.1 13.7





#83

Chrysene

Concen: 47.258 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.03 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

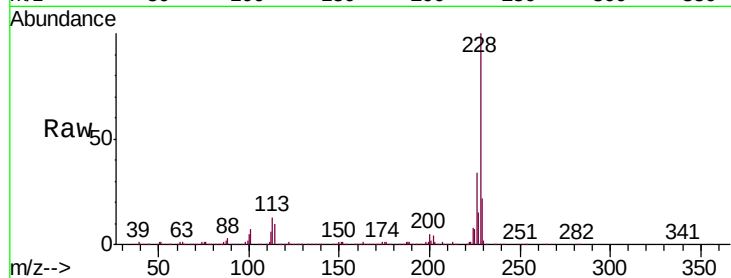
Tgt Ion:228 Resp: 1202544

Ion Ratio Lower Upper

228 100

226 33.5 28.8 43.2

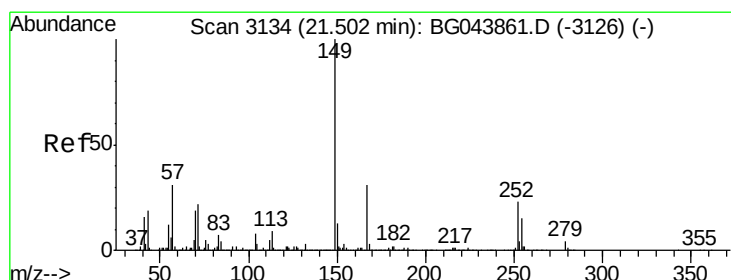
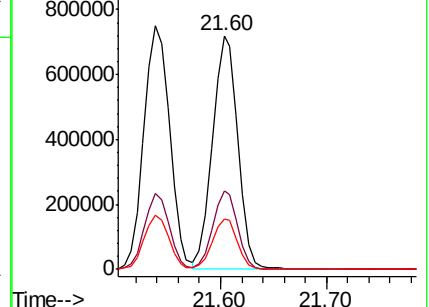
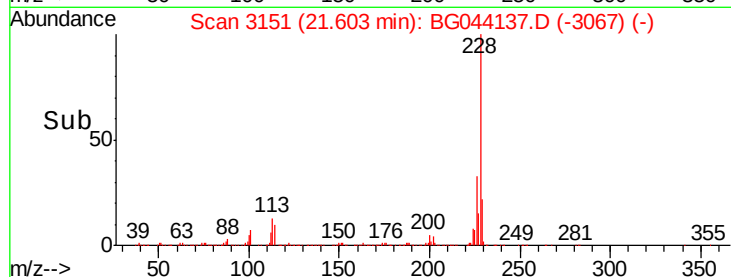
229 21.7 19.0 28.6



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: 47.373 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.04 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

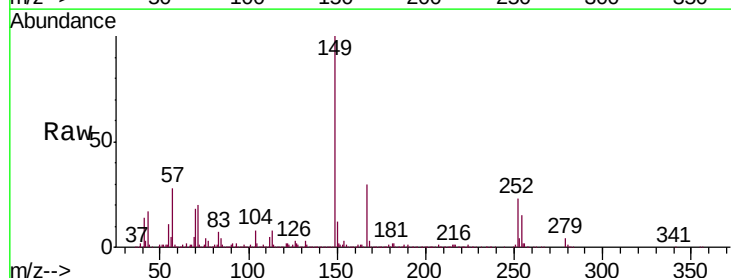
Tgt Ion:149 Resp: 877300

Ion Ratio Lower Upper

149 100

167 29.6 24.7 37.1

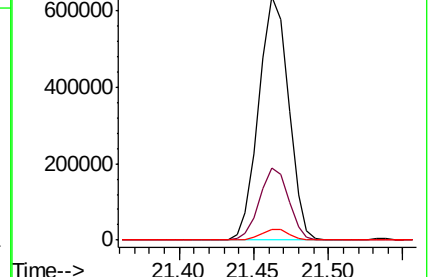
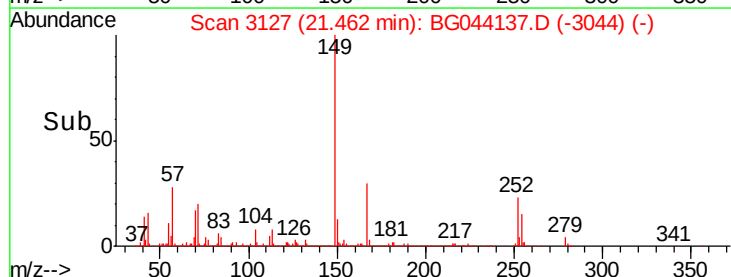
279 4.2 3.3 4.9

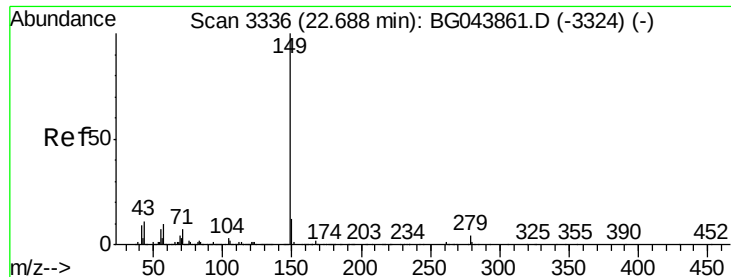


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

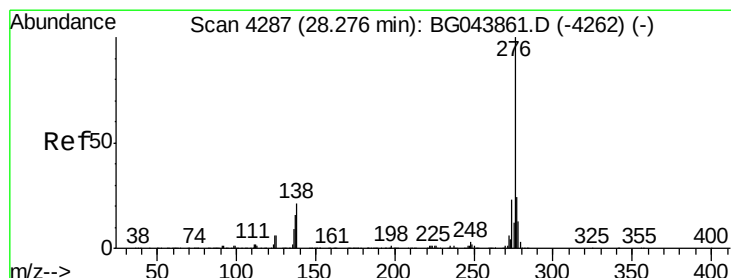
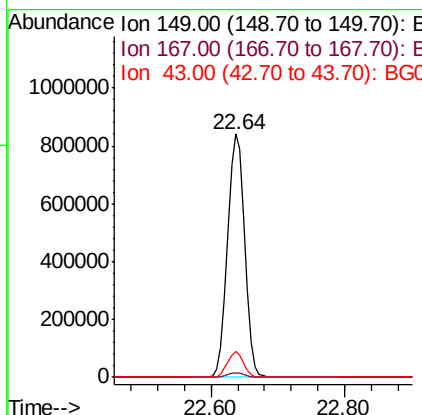
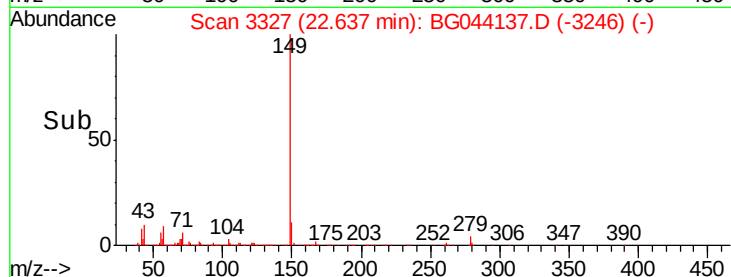
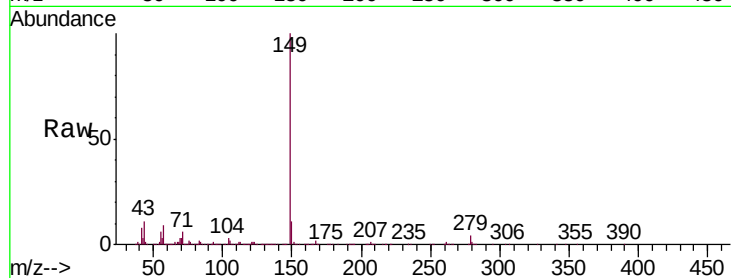




#85  
Di-n-octyl phthalate  
Concen: 49.138 ng  
RT: 22.64 min Scan# 3327  
Delta R.T. -0.05 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

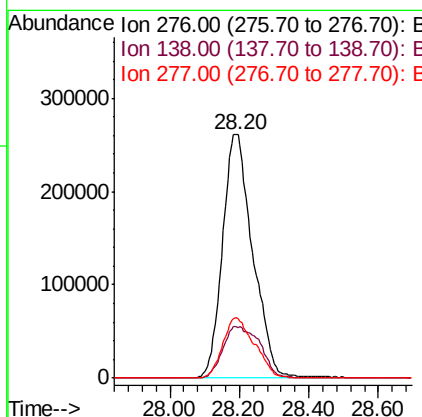
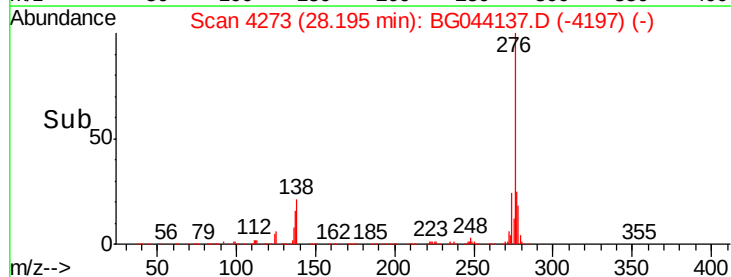
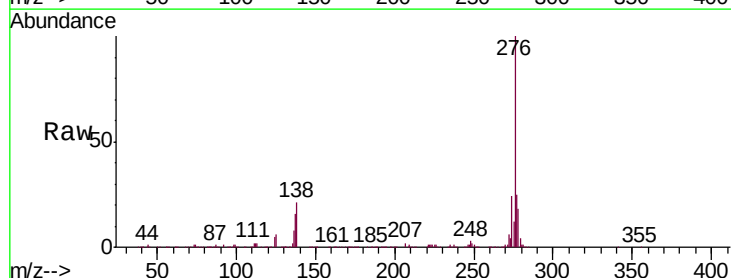
Instrument :  
BNA\_G  
ClientSampleId :  
B1-15-30MS

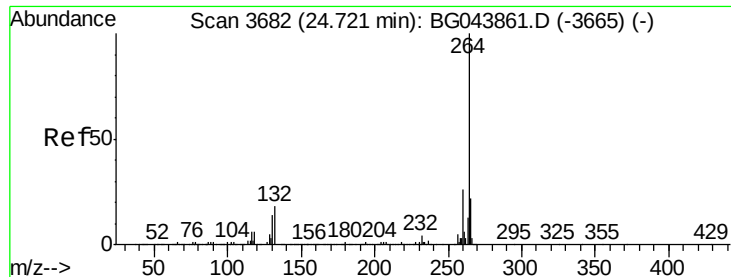
Tgt Ion:149 Resp: 1529834  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 9.7 8.8 13.2



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 45.607 ng  
RT: 28.20 min Scan# 4273  
Delta R.T. -0.08 min  
Lab File: BG044137.D  
Acq: 21 Jan 2020 17:20

Tgt Ion:276 Resp: 1577155  
Ion Ratio Lower Upper  
276 100  
138 26.0 21.0 31.4  
277 26.2 21.1 31.7

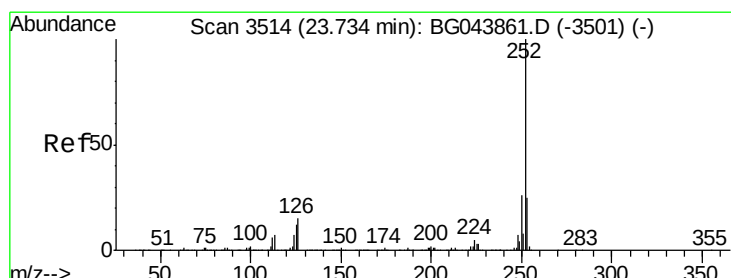
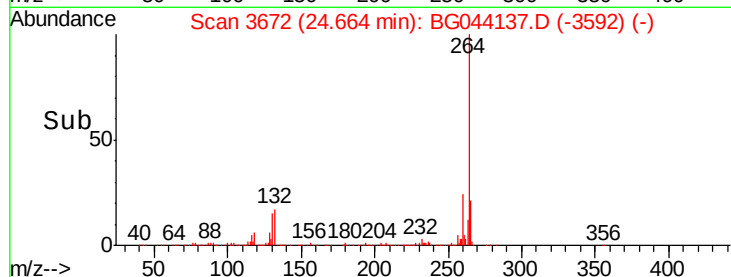
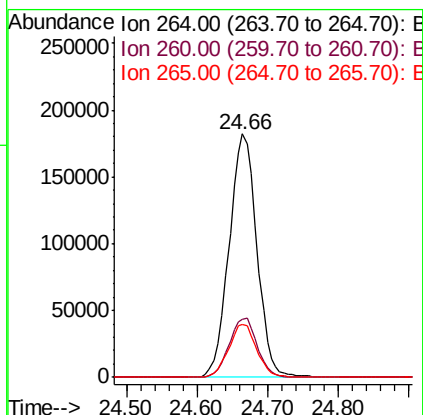
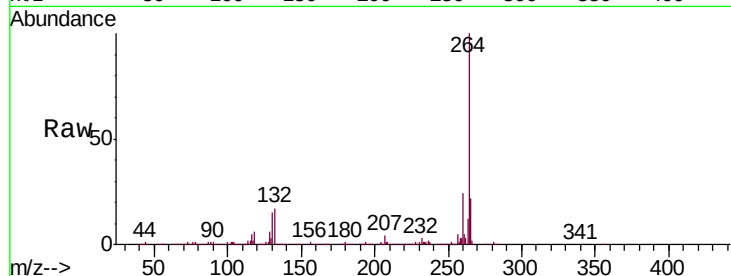




#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.66 min Scan# 3672  
 Delta R.T. -0.06 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

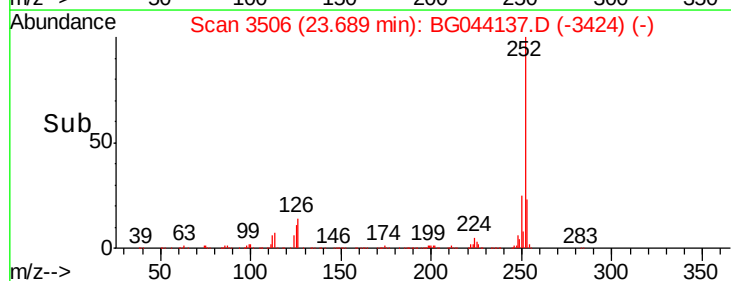
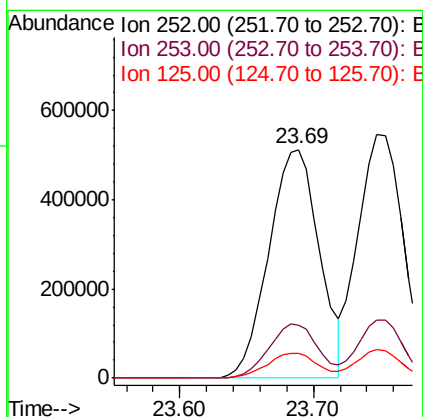
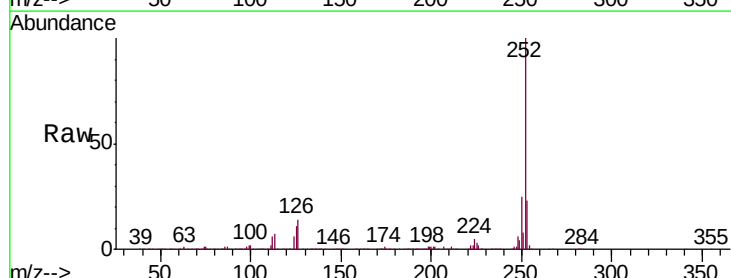
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B1-15-30MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 20.4  | 30.6  |
| 265     | 21.6  | 17.4  | 26.2  |

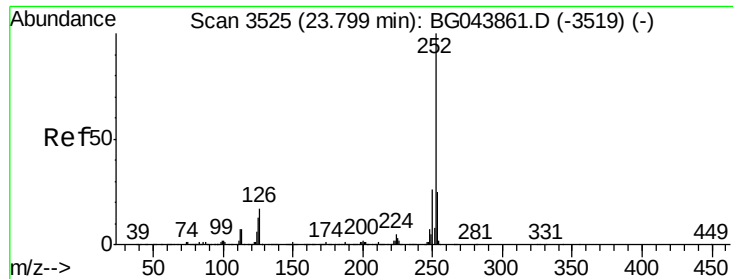


#88  
 Benzo(b)fluoranthene  
 Concen: 45.894 ng  
 RT: 23.69 min Scan# 3506  
 Delta R.T. -0.05 min  
 Lab File: BG044137.D  
 Acq: 21 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 19.7  | 29.5  |
| 125     | 10.9  | 9.4   | 14.2  |







#89

Benzo(k)fluoranthene

Concen: 46.060 ng

RT: 23.75 min Scan# 3516

Delta R.T. -0.05 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

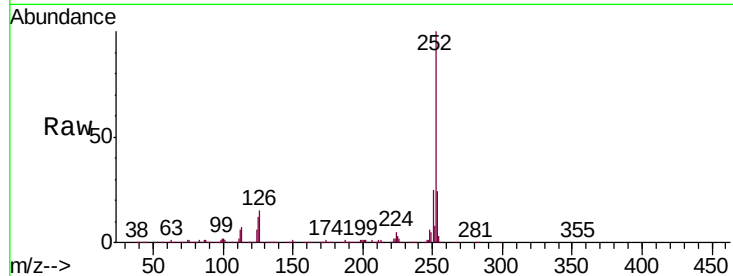
Tgt Ion:252 Resp: 1285721

Ion Ratio Lower Upper

252 100

253 24.0 19.4 29.2

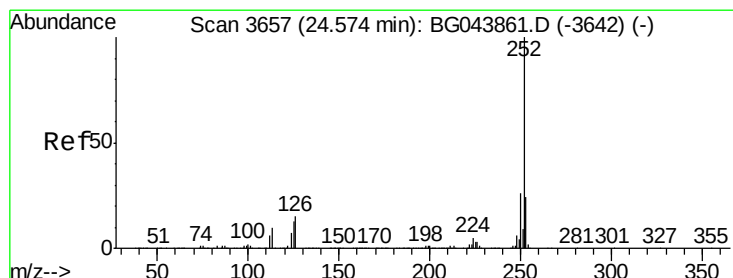
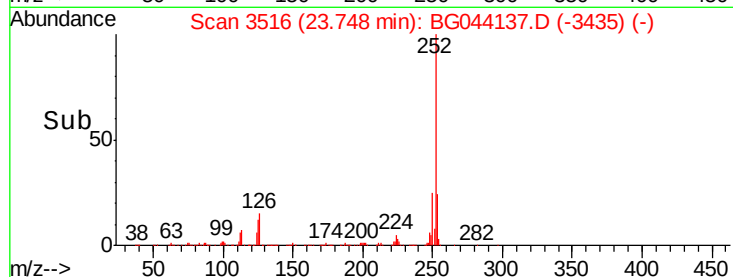
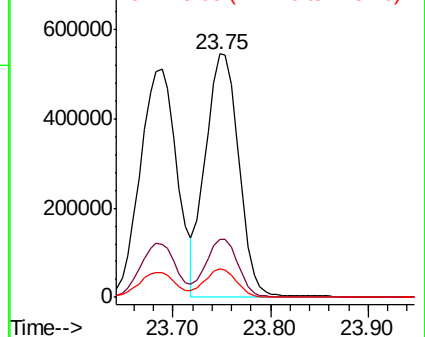
125 12.0 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.668 ng

RT: 24.52 min Scan# 3648

Delta R.T. -0.05 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

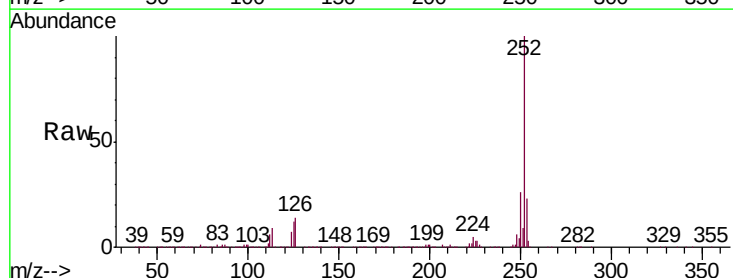
Tgt Ion:252 Resp: 1237543

Ion Ratio Lower Upper

252 100

253 23.2 19.3 28.9

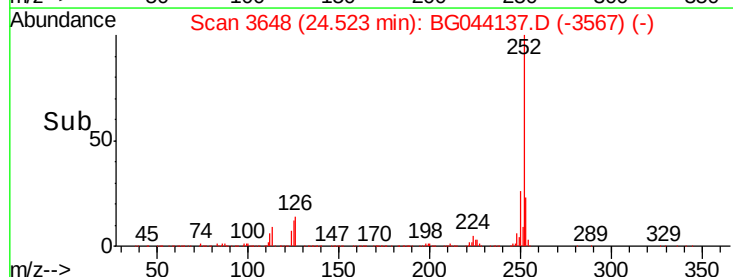
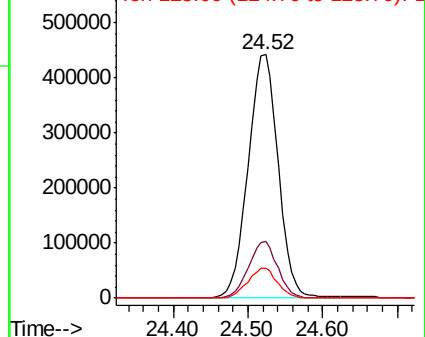
125 12.1 10.4 15.6

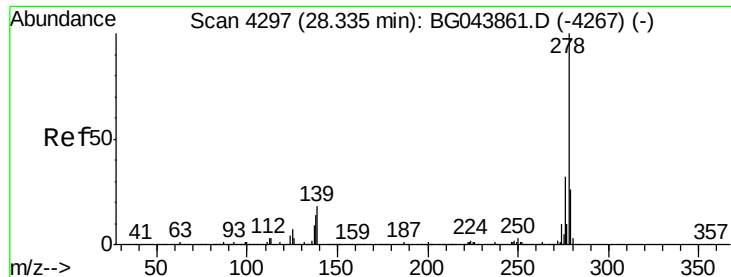


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.110 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.08 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

B1-15-30MS

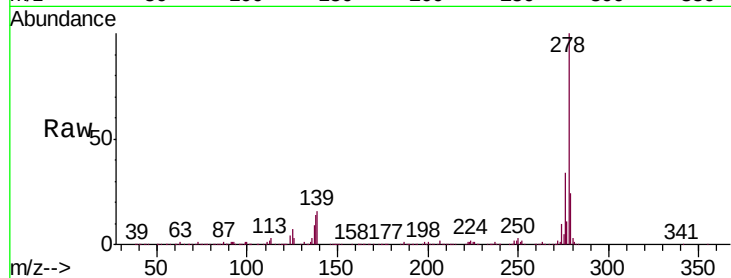
Tgt Ion:278 Resp: 1282987

Ion Ratio Lower Upper

278 100

139 16.1 14.2 21.4

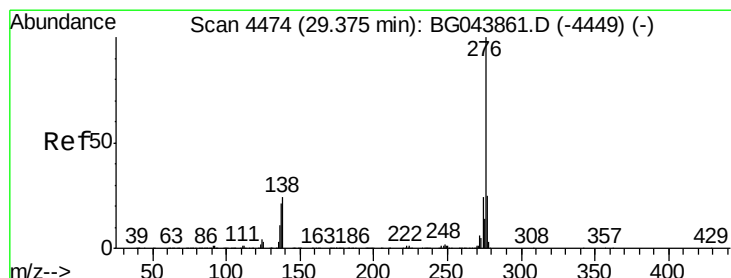
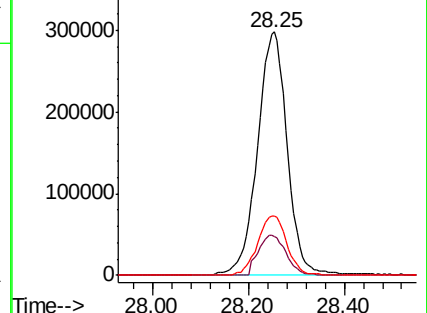
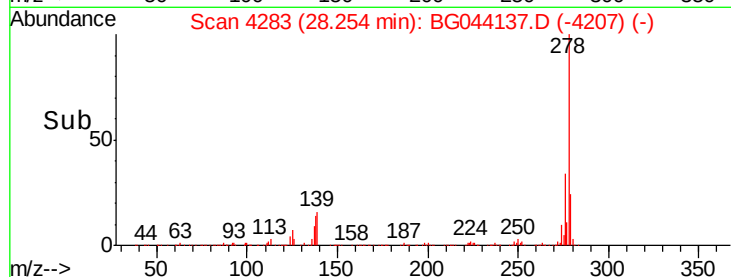
279 24.4 20.6 30.8



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: 47.682 ng

RT: 29.29 min Scan# 4460

Delta R.T. -0.08 min

Lab File: BG044137.D

Acq: 21 Jan 2020 17:20

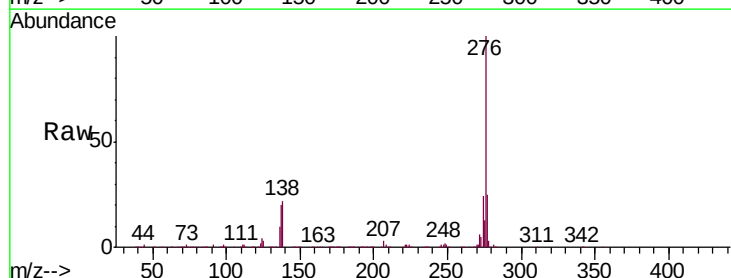
Tgt Ion:276 Resp: 1317844

Ion Ratio Lower Upper

276 100

277 24.6 20.2 30.4

138 21.8 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

