

Data File : BG044072.D  
Acq On : 16 Jan 2020 17:20  
Operator : JU  
Sample : L1126-04MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

Quant Time: Jan 17 06:41:14 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 | 7.95  | 152  | 121869   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.74 | 136  | 482061   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.58 | 164  | 287347   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.32 | 188  | 576000   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.57 | 240  | 472098   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 24.70 | 264  | 547650   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.53  | 112 | 707929  | 106.66 | ng | -0.01 |
| 7) Phenol-d6                | 7.12  | 99  | 952357  | 102.65 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.10  | 82  | 549182  | 60.94  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 16.07 | 330 | 314881  | 104.72 | ng | -0.02 |
| 45) 2-Fluorobiphenyl        | 13.20 | 172 | 1123602 | 70.84  | ng | -0.02 |
| 79) Terphenyl-d14           | 19.93 | 244 | 1429431 | 69.34  | ng | -0.02 |

|                                |       |     |         |           |        |
|--------------------------------|-------|-----|---------|-----------|--------|
| Target Compounds               |       |     |         |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.42  | 88  | 115207  | 39.809 ng | 98     |
| 3) Pyridine                    | 3.81  | 79  | 294493  | 34.446 ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.73  | 42  | 153231  | 40.257 ng | 93     |
| 6) Aniline                     | 7.27  | 93  | 245332  | 20.132 ng | 96     |
| 8) 2-Chlorophenol              | 7.51  | 128 | 369125  | 47.372 ng | 99     |
| 9) Benzaldehyde                | 7.08  | 77  | 199781  | 33.645 ng | 98     |
| 10) Phenol                     | 7.15  | 94  | 467867  | 48.945 ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.36  | 93  | 349551  | 42.363 ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.83  | 146 | 399794  | 43.845 ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.98  | 146 | 399823  | 44.440 ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.30  | 146 | 380051  | 44.010 ng | 100    |
| 15) Benzyl Alcohol             | 8.18  | 79  | 303645  | 41.469 ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.48  | 45  | 478202  | 37.460 ng | 98     |
| 17) 2-Methylphenol             | 8.39  | 107 | 307759  | 44.490 ng | 98     |
| 18) Hexachloroethane           | 9.03  | 117 | 151444  | 43.260 ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.75  | 70  | 265994  | 38.498 ng | 98     |
| 20) 3+4-Methylphenols          | 8.72  | 107 | 422402  | 43.772 ng | 99     |
| 22) Acetophenone               | 8.76  | 105 | 500734  | 41.782 ng | 99     |
| 24) Nitrobenzene               | 9.14  | 77  | 380053  | 42.583 ng | 98     |
| 25) Isophorone                 | 9.67  | 82  | 709982  | 41.996 ng | 99     |
| 26) 2-Nitrophenol              | 9.86  | 139 | 212116  | 50.235 ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.92  | 122 | 336553  | 52.949 ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.15 | 93  | 449223  | 39.857 ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.40 | 162 | 354651  | 46.777 ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.61 | 180 | 375081  | 44.122 ng | 98     |
| 31) Naphthalene                | 10.80 | 128 | 1069129 | 45.831 ng | 100    |
| 32) Benzoic acid               | 10.09 | 122 | 238636  | 46.350 ng | 94     |
| 33) 4-Chloroaniline            | 10.90 | 127 | 179366  | 16.121 ng | 98     |
| 34) Hexachlorobutadiene        | 11.09 | 225 | 225050  | 43.359 ng | 97     |
| 35) Caprolactam                | 11.68 | 113 | 87636   | 31.050 ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 12.04 | 107 | 357674  | 44.315 ng | 97     |
| 37) 2-Methylnaphthalene        | 12.41 | 142 | 768997  | 43.786 ng | 97     |
| 38) 1-Methylnaphthalene        | 12.62 | 142 | 730236  | 43.871 ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.78 | 216 | 379139  | 45.017 ng | 99     |

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Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.76 | 237  | 228200   | 52.263 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.01 | 196  | 274202   | 47.316 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.09 | 196  | 287295   | 48.067 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.41 | 154  | 942632   | 45.754 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.45 | 162  | 741414   | 44.535 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.65 | 65   | 218556   | 40.812 | ng    | 96       |
| 49) Acenaphthylene             | 14.30 | 152  | 1168066  | 48.816 | ng    | 99       |
| 50) Dimethylphthalate          | 14.03 | 163  | 1000728  | 49.049 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.15 | 165  | 208205   | 45.149 | ng    | 95       |
| 52) Acenaphthene               | 14.64 | 154  | 724476   | 43.174 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.47 | 138  | 147304   | 28.129 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.69 | 184  | 140294   | 61.107 | ng    | 95       |
| 55) Dibenzofuran               | 14.98 | 168  | 1073491  | 46.471 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.80 | 139  | 397450   | 99.042 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 14.94 | 165  | 286050   | 45.587 | ng    | 96       |
| 58) Fluorene                   | 15.63 | 166  | 833018   | 45.497 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.21 | 232  | 244643   | 47.600 | ng    | 97       |
| 60) Diethylphthalate           | 15.40 | 149  | 885990   | 43.417 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.62 | 204  | 431591   | 43.411 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.64 | 138  | 181830   | 35.161 | ng    | 93       |
| 63) Azobenzene                 | 15.91 | 77   | 819895   | 43.323 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.70 | 198  | 110324   | 38.165 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.83 | 169  | 779911   | 45.979 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.51 | 248  | 278496   | 42.989 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.64 | 284  | 296674   | 42.500 | ng    | 98       |
| 69) Atrazine                   | 16.78 | 200  | 288704   | 52.361 | ng    | 99       |
| 70) Pentachlorophenol          | 16.98 | 266  | 372751   | 96.869 | ng    | 99       |
| 71) Phenanthrene               | 17.36 | 178  | 1381250  | 49.995 | ng    | 99       |
| 72) Anthracene                 | 17.45 | 178  | 1333433  | 48.836 | ng    | 100      |
| 73) Carbazole                  | 17.72 | 167  | 1184488  | 46.964 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.29 | 149  | 1434569  | 44.550 | ng    | 98       |
| 75) Fluoranthene               | 19.37 | 202  | 1914283  | 60.586 | ng    | 97       |
| 77) Benzidine                  | 19.55 | 184  | 309997   | 26.124 | ng    | 98       |
| 78) Pyrene                     | 19.73 | 202  | 1966937  | 63.829 | ng    | 97       |
| 80) Butylbenzylphthalate       | 20.63 | 149  | 658421   | 44.879 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.55 | 228  | 1805074  | 61.663 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.47 | 252  | 308847   | 26.705 | ng    | 99       |
| 83) Chrysene                   | 21.62 | 228  | 1701976  | 61.188 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.48 | 149  | 929809   | 45.932 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.65 | 149  | 1605826  | 47.186 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.25 | 276  | 1927990  | 51.003 | ng    | # 83     |
| 88) Benzo(b)fluoranthene       | 23.72 | 252  | 2013711  | 62.198 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.77 | 252  | 1687129  | 54.800 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.56 | 252  | 1850708  | 60.566 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.30 | 278  | 1246578  | 40.621 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.34 | 276  | 1509258  | 49.511 | ng    | 98       |

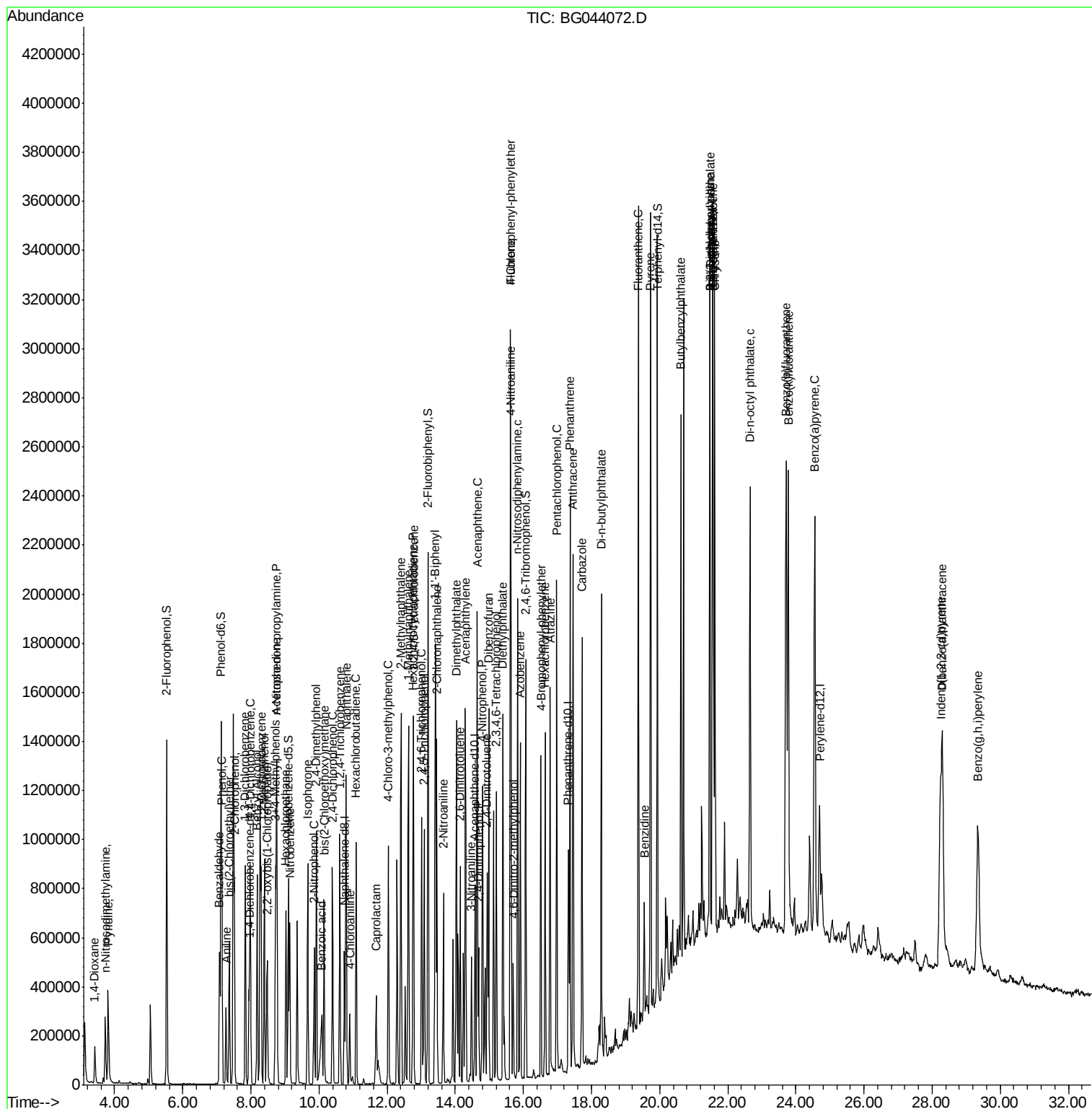
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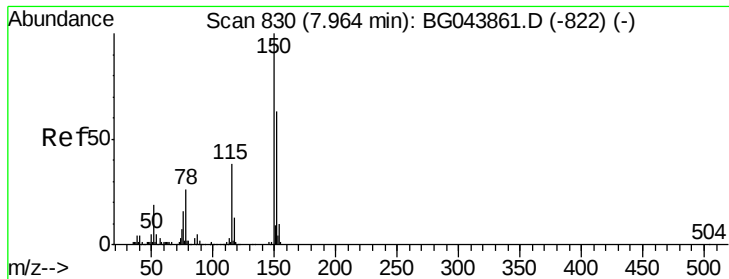
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Sample      : L1126-04MSD
Misc        :
ALS Vial    : 12      Sample Multip
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**ClientSampleId :**  
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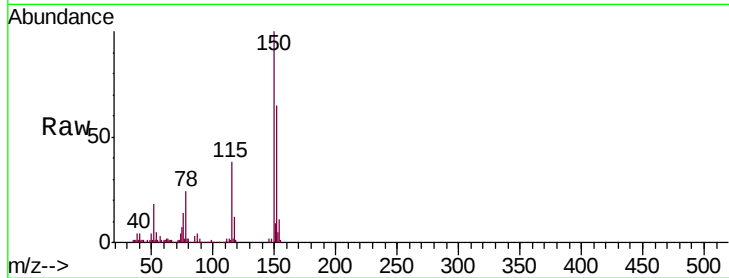


#1

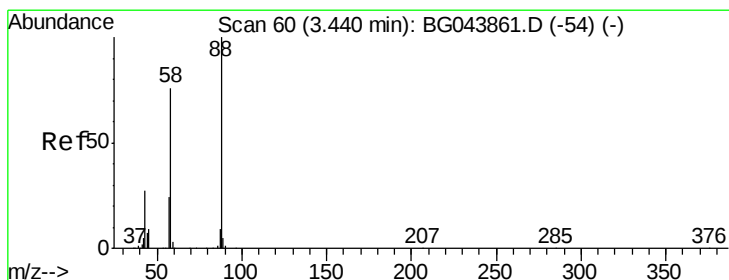
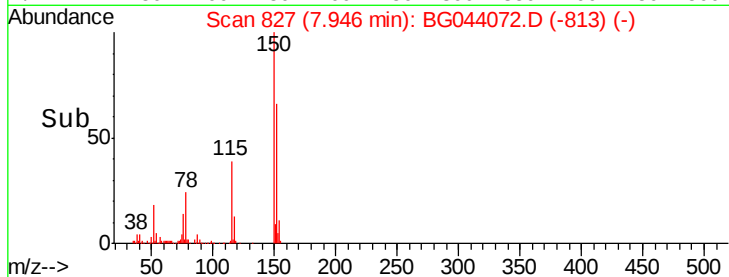
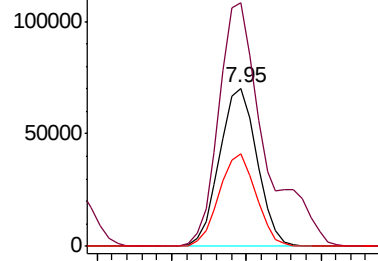
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.2 | 127.0 | 190.4 |
| 115     | 58.7  | 47.8  | 71.8  |



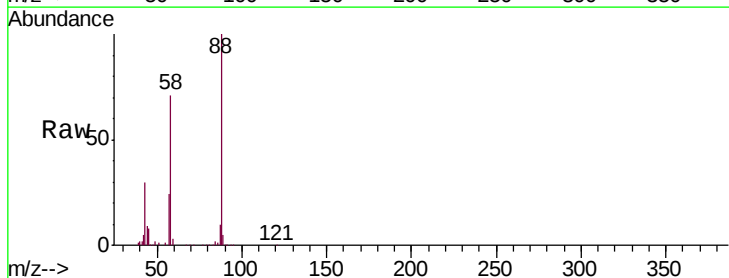
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



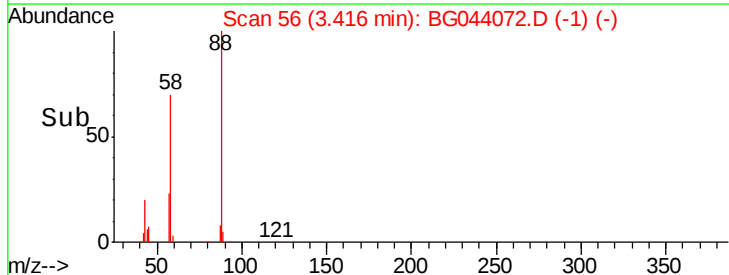
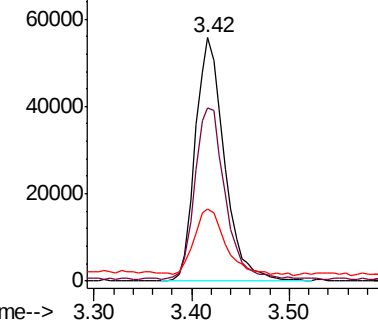
#2

1,4-Dioxane  
Concen: 39.809 ng  
RT: 3.42 min Scan# 56  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 73.7  | 59.8  | 89.8  |
| 43      | 29.7  | 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: 34.446 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

BW-1-3.0MSD

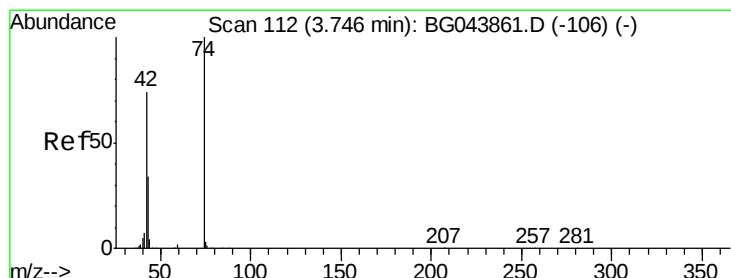
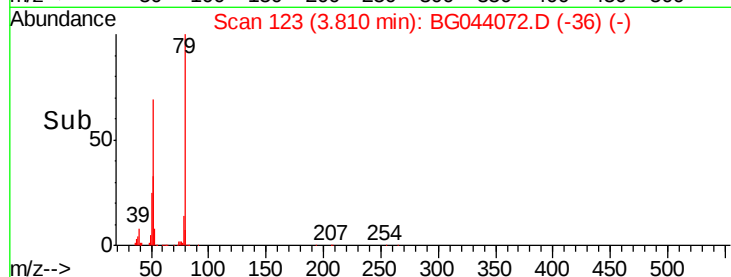
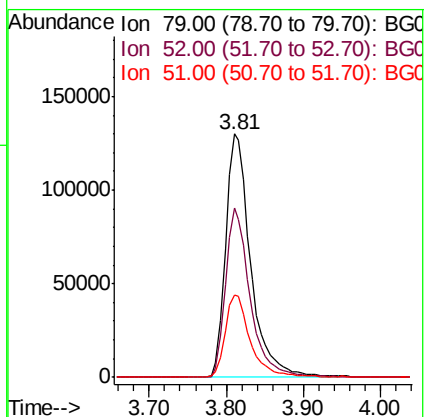
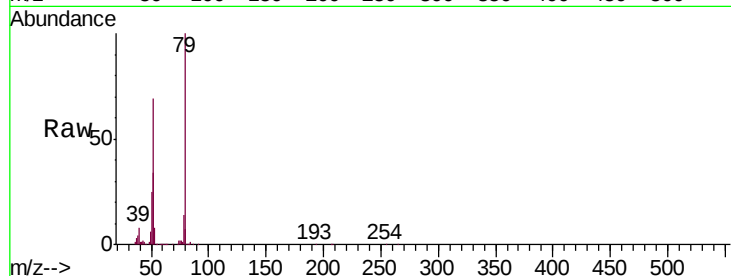
Tgt Ion: 79 Resp: 294493

Ion Ratio Lower Upper

79 100

52 69.4 58.9 88.3

51 33.8 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 40.257 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

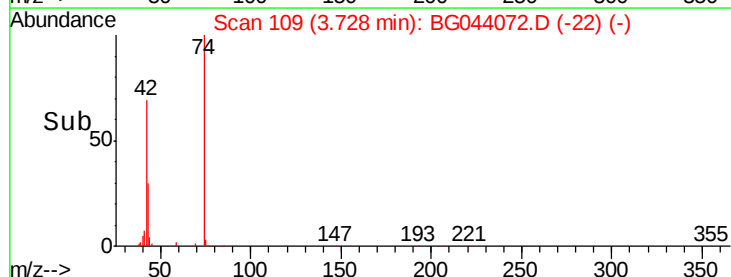
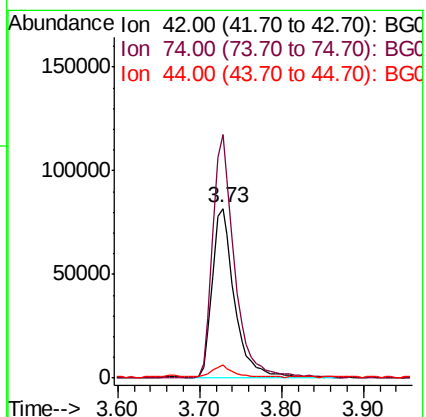
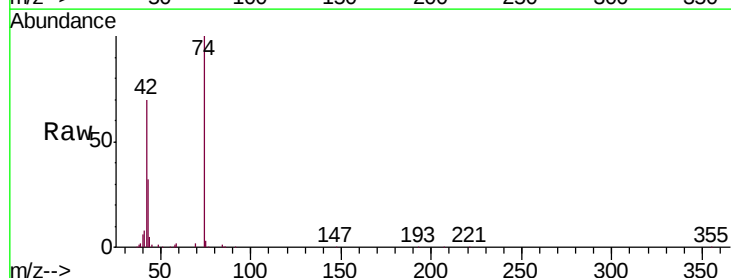
Tgt Ion: 42 Resp: 153231

Ion Ratio Lower Upper

42 100

74 143.7 108.6 162.8

44 7.6 5.0 7.6





#5

2-Fluorophenol

Concen: 106.659 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

BW-1-3.0MSD

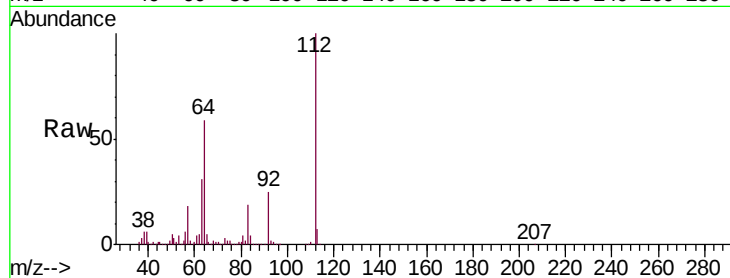
Tgt Ion: 112 Resp: 707929

Ion Ratio Lower Upper

112 100

64 59.2 47.8 71.6

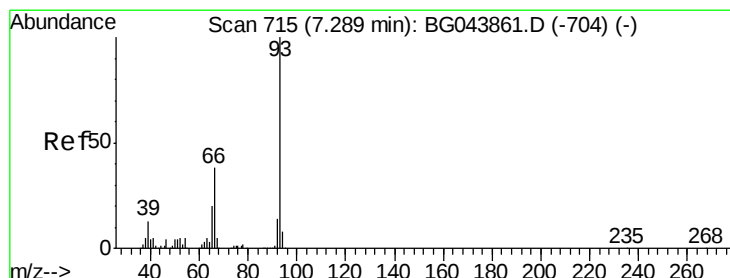
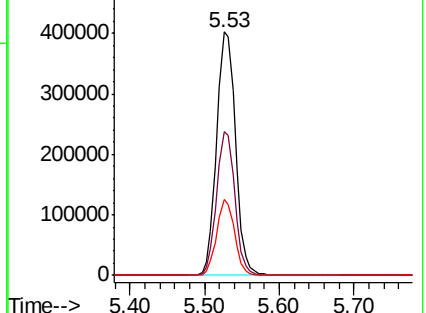
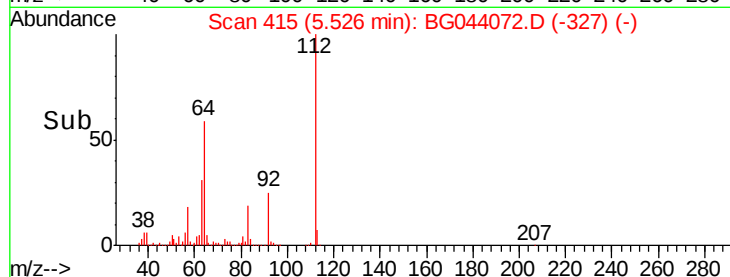
63 31.1 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.132 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

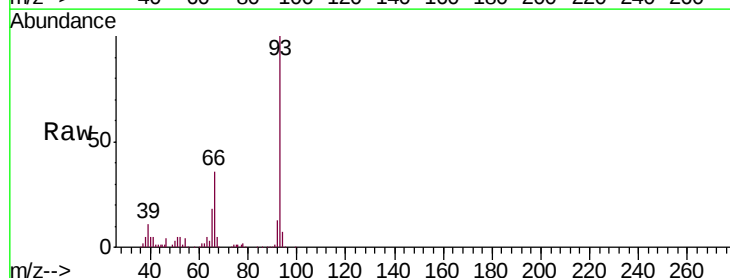
Tgt Ion: 93 Resp: 245332

Ion Ratio Lower Upper

93 100

66 36.4 30.8 46.2

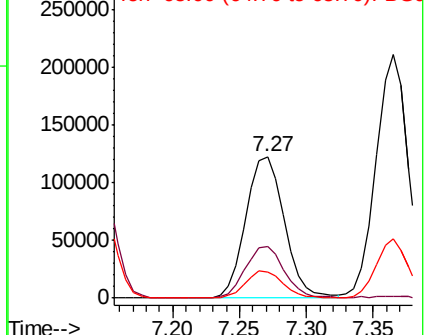
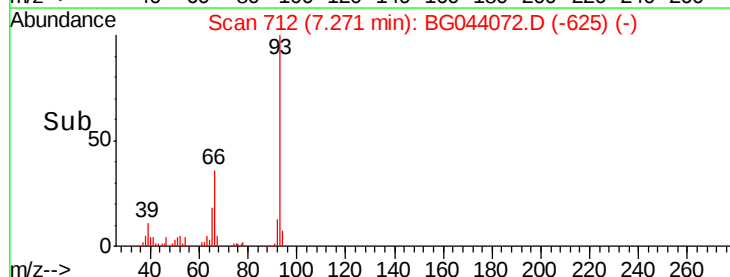
65 18.1 16.0 24.0

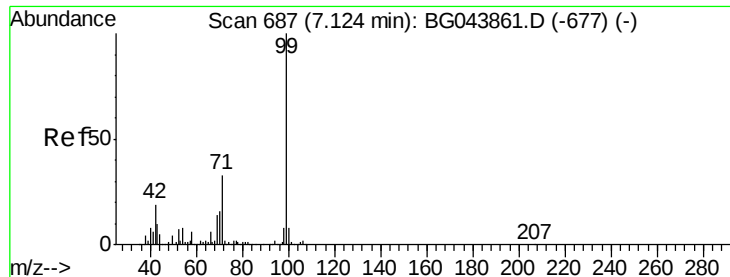


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.650 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

BW-1-3.0MSD

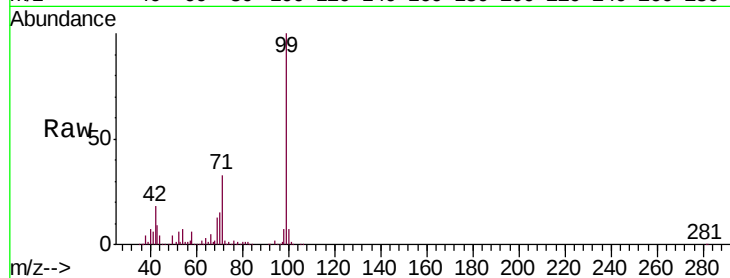
Tgt Ion: 99 Resp: 952357

Ion Ratio Lower Upper

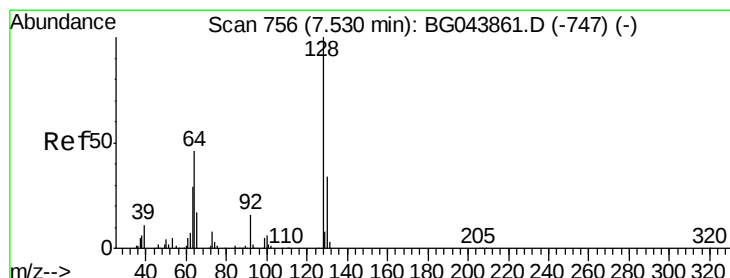
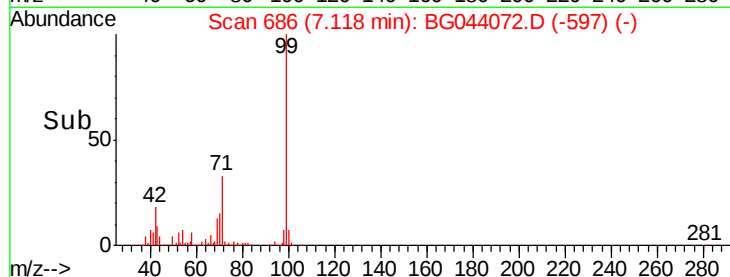
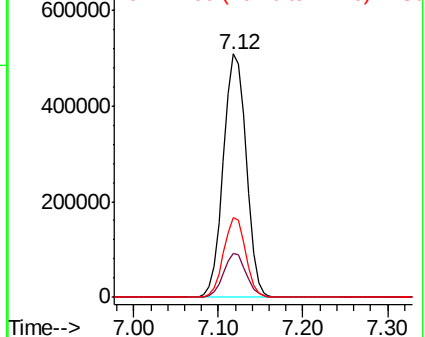
99 100

42 18.1 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: 47.372 ng

RT: 7.51 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

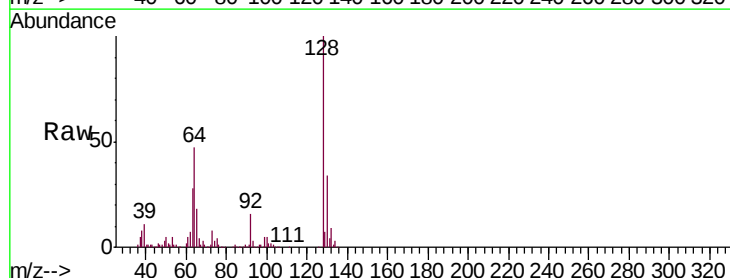
Tgt Ion: 128 Resp: 369125

Ion Ratio Lower Upper

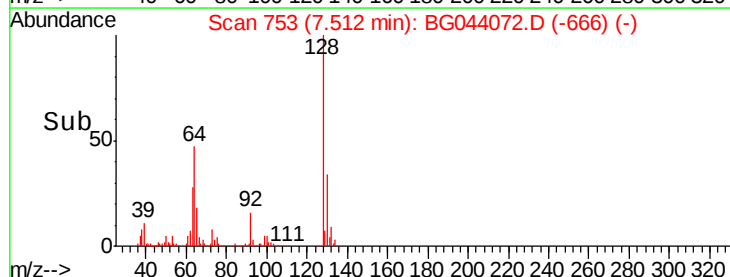
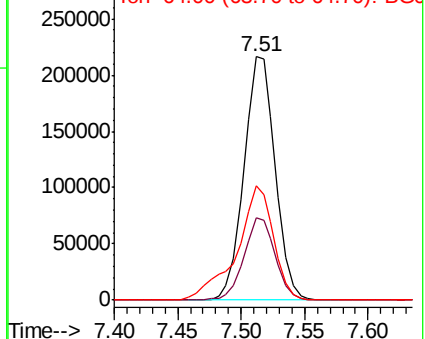
128 100

130 33.9 13.8 53.8

64 46.7 27.6 67.6



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





#9

Benzaldehyde

Concen: 33.645 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044072.D

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Instrument :

BNA\_G

ClientSampleId :

BW-1-3.0MSD

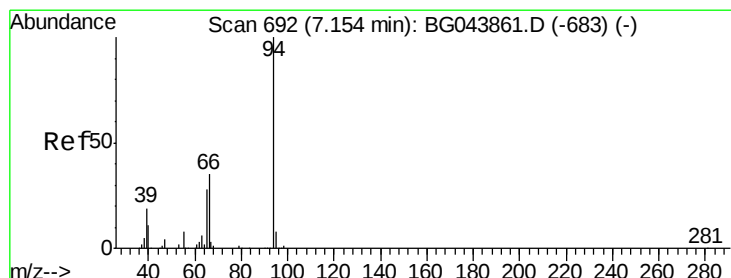
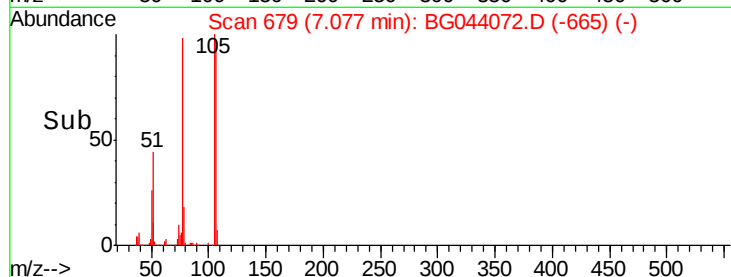
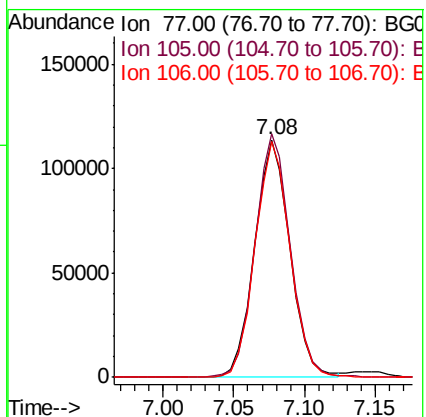
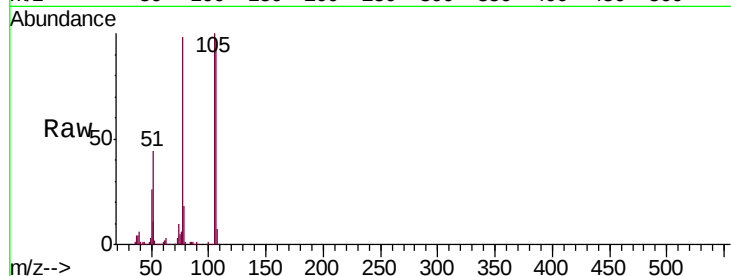
Tgt Ion: 77 Resp: 199781

Ion Ratio Lower Upper

77 100

105 102.4 80.2 120.2

106 99.2 77.2 117.2



#10

Phenol

Concen: 48.945 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

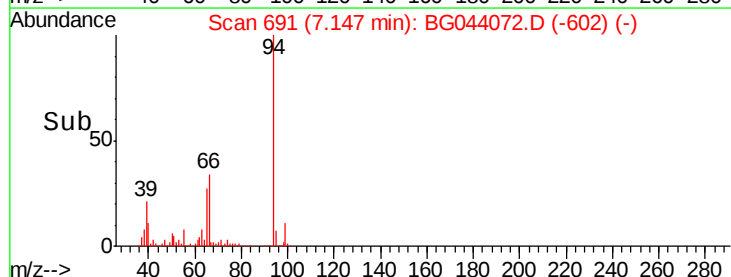
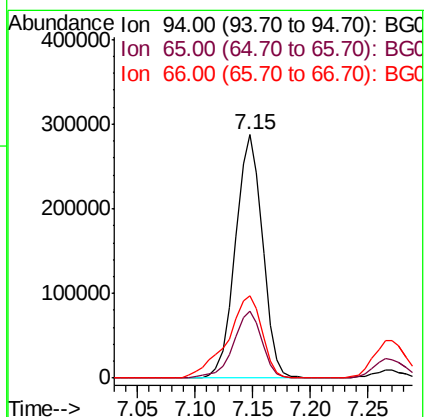
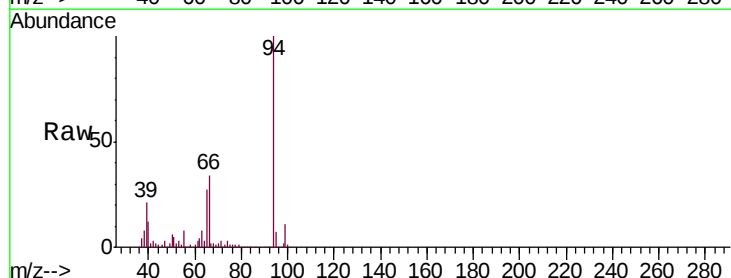
Tgt Ion: 94 Resp: 467867

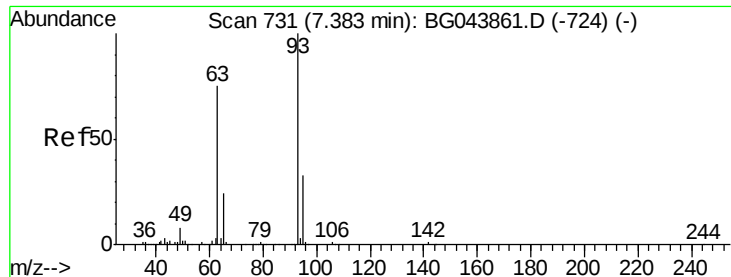
Ion Ratio Lower Upper

94 100

65 27.3 8.1 48.1

66 34.0 15.6 55.6

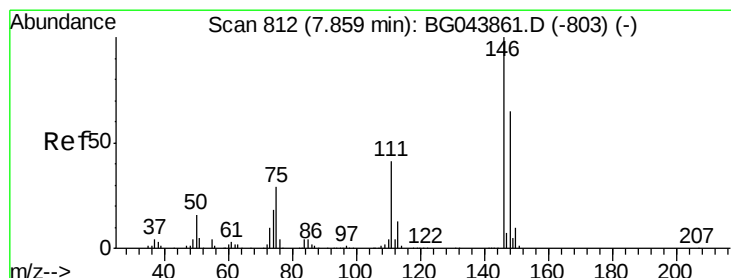
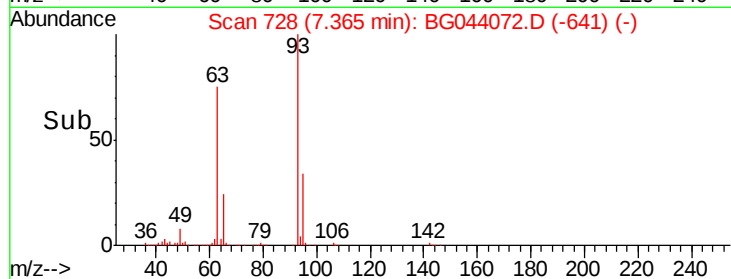
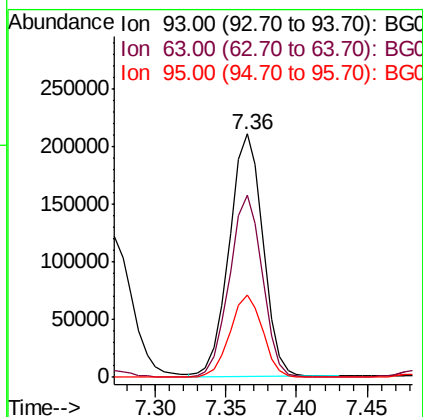
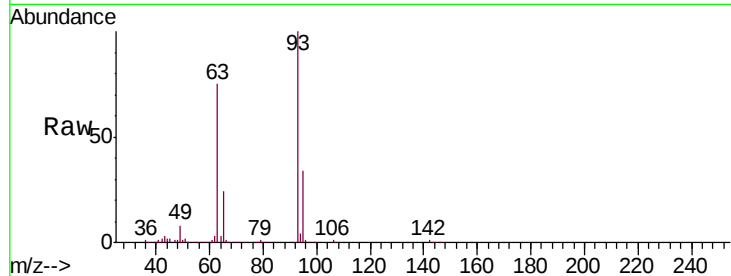




#11  
bis(2-Chloroethyl)ether  
Concen: 42.363 ng  
RT: 7.36 min Scan# 728  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

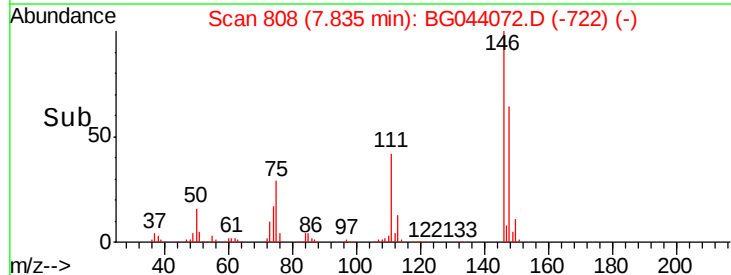
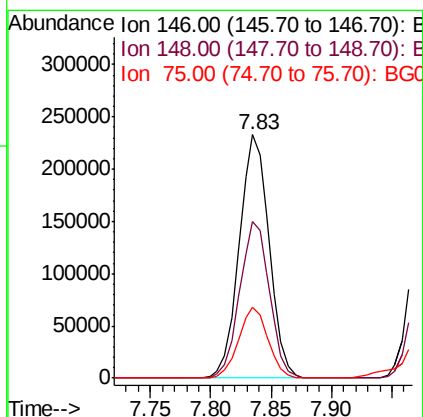
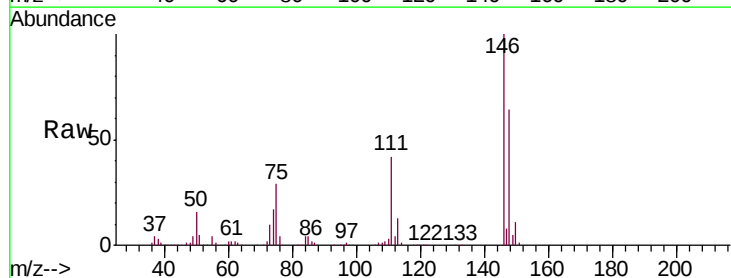
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

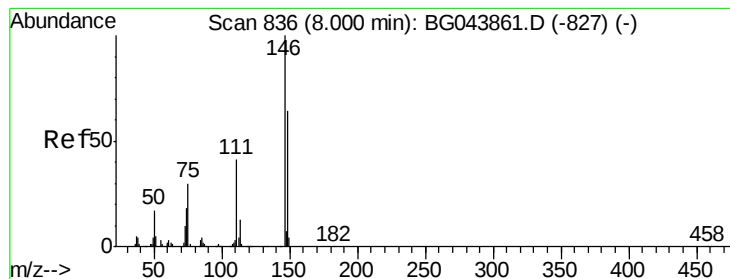
Tgt Ion: 93 Resp: 349551  
Ion Ratio Lower Upper  
93 100  
63 74.7 55.0 95.0  
95 33.9 13.3 53.3



#12  
1,3-Dichlorobenzene  
Concen: 43.845 ng  
RT: 7.83 min Scan# 808  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

Tgt Ion: 146 Resp: 399794  
Ion Ratio Lower Upper  
146 100  
148 64.4 52.1 78.1  
75 29.0 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 44.440 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

BW-1-3.0MSD

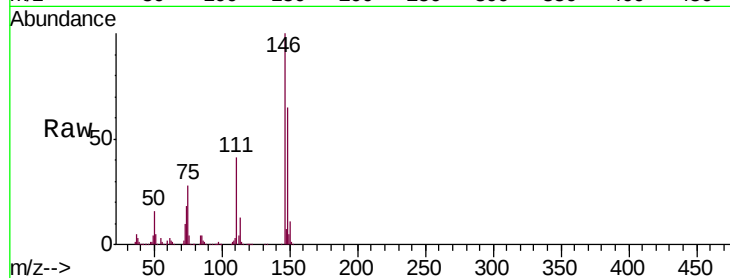
Tgt Ion:146 Resp: 399823

Ion Ratio Lower Upper

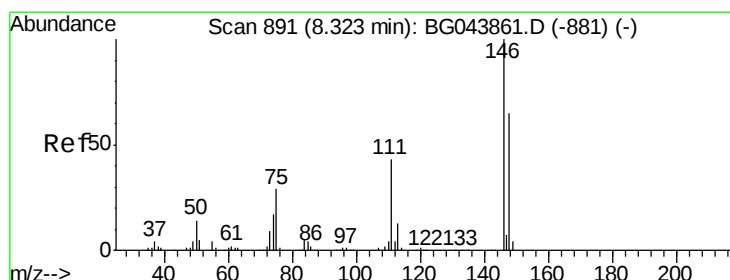
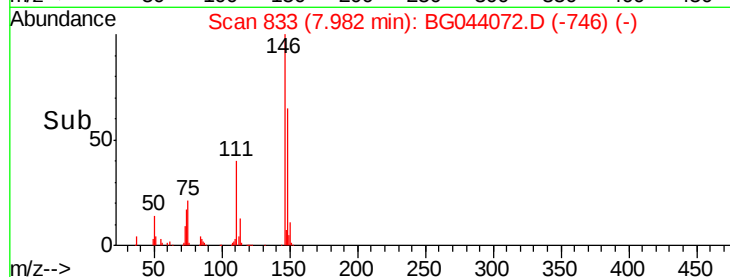
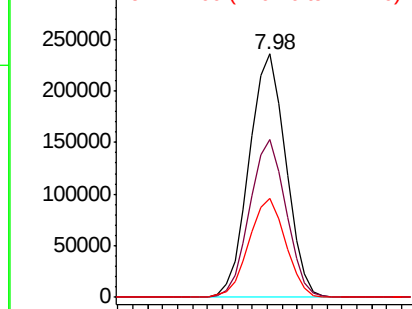
146 100

148 64.9 51.2 76.8

111 40.5 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: 44.010 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

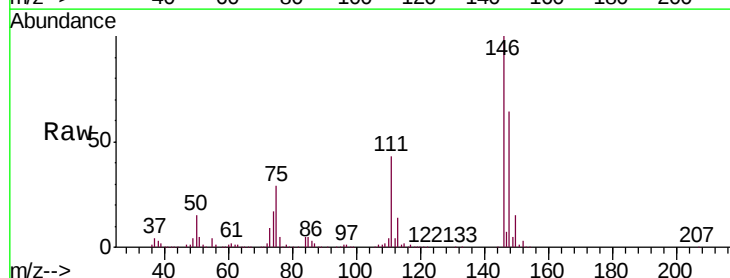
Tgt Ion:146 Resp: 380051

Ion Ratio Lower Upper

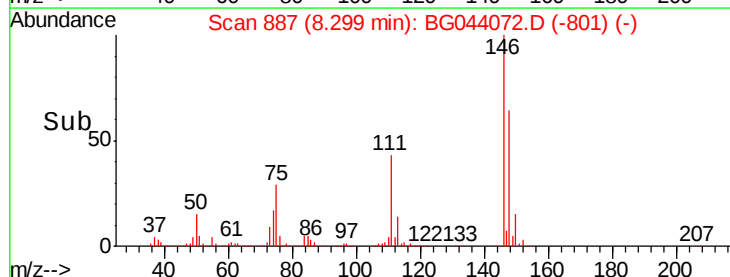
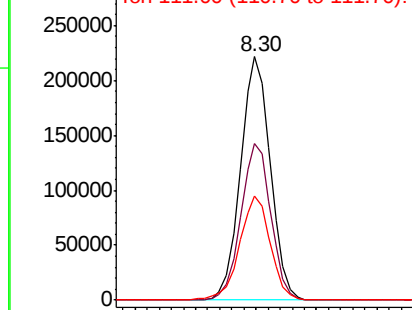
146 100

148 64.2 51.7 77.5

111 42.9 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

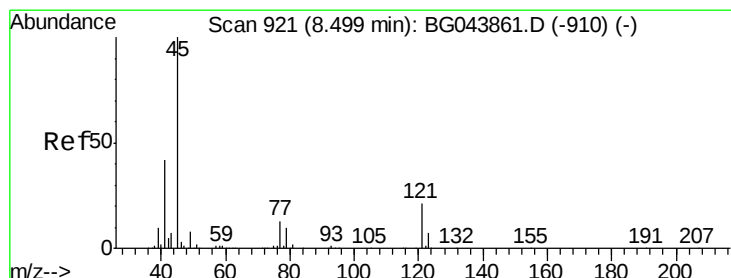
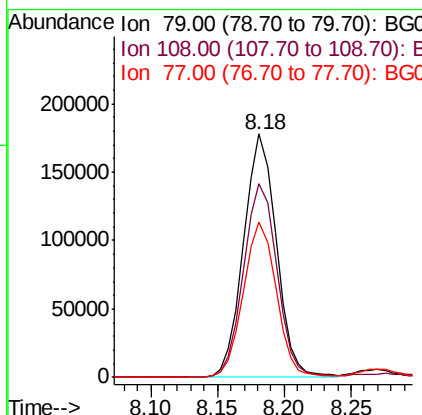
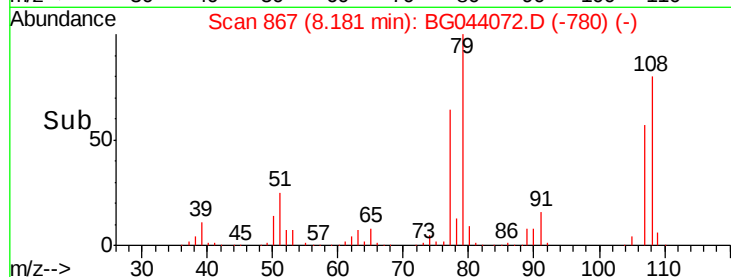
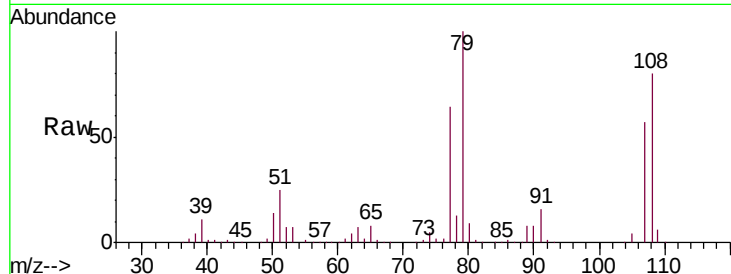




#15  
Benzyl Alcohol  
Concen: 41.469 ng  
RT: 8.18 min Scan# 867  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

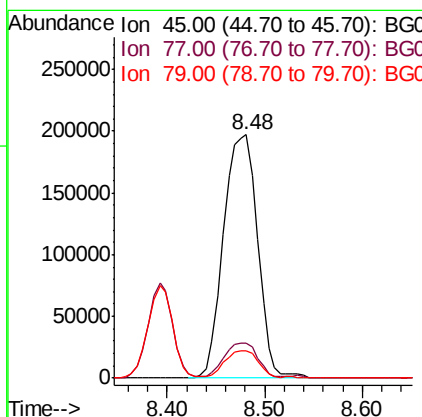
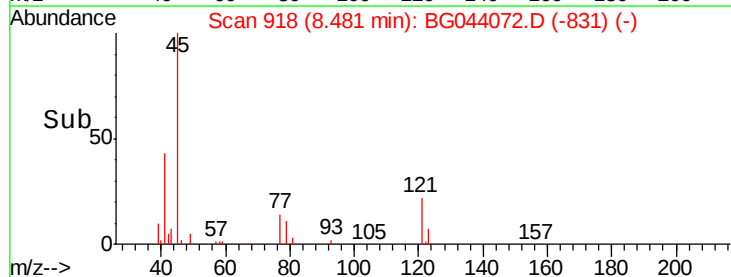
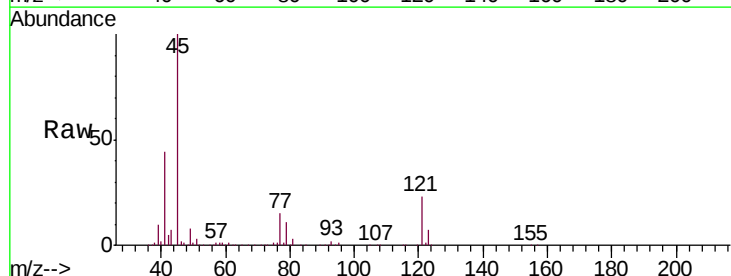
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

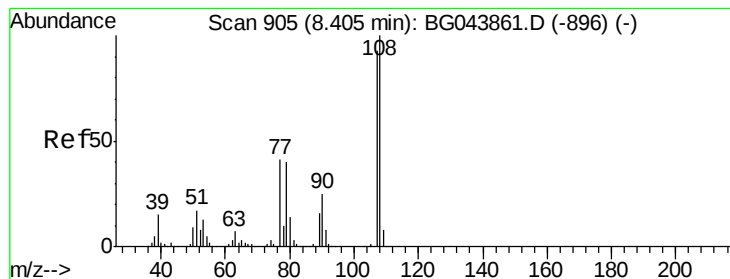
Tgt Ion: 79 Resp: 303645  
Ion Ratio Lower Upper  
79 100  
108 79.6 65.6 98.4  
77 64.0 52.0 78.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.460 ng  
RT: 8.48 min Scan# 918  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

Tgt Ion: 45 Resp: 478202  
Ion Ratio Lower Upper  
45 100  
77 14.6 0.0 33.8  
79 11.4 0.0 31.0





#17

2-Methylphenol

Concen: 44.490 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

BW-1-3.0MSD

Tgt Ion:107 Resp: 307759

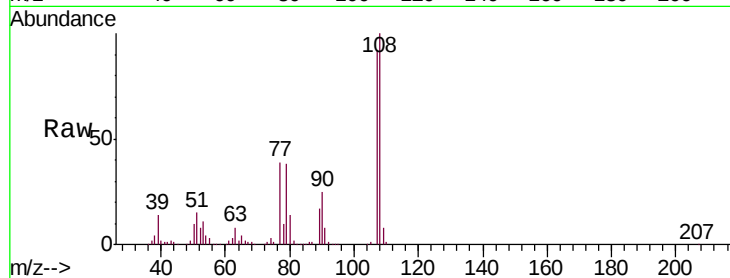
Ion Ratio Lower Upper

107 100

108 108.5 86.1 129.1

77 42.7 35.4 53.0

79 41.5 34.8 52.2

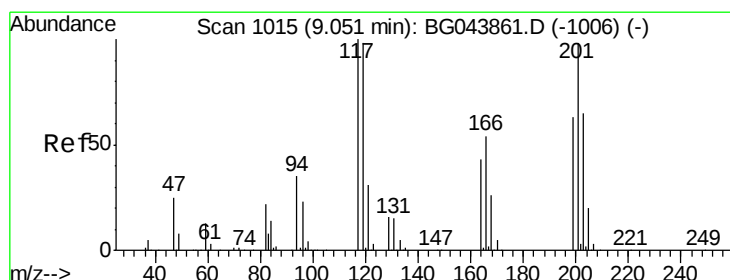
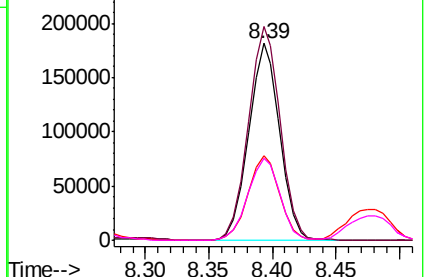
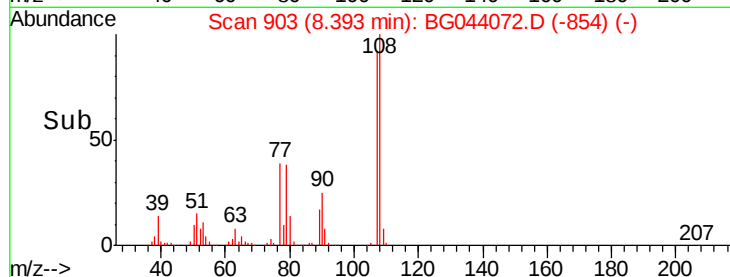


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.260 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

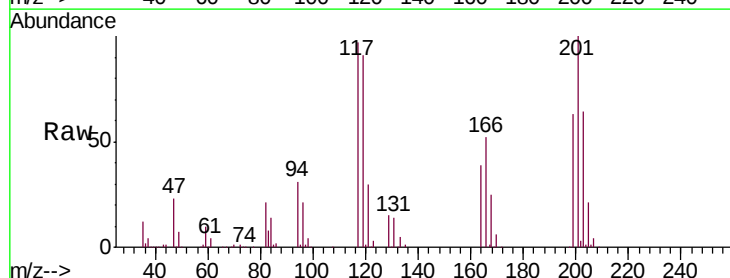
Tgt Ion:117 Resp: 151444

Ion Ratio Lower Upper

117 100

119 93.0 78.1 117.1

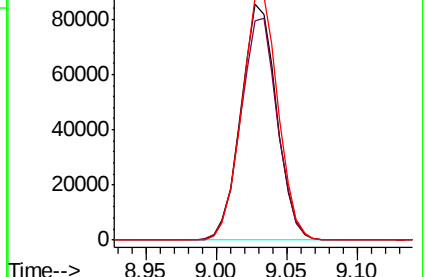
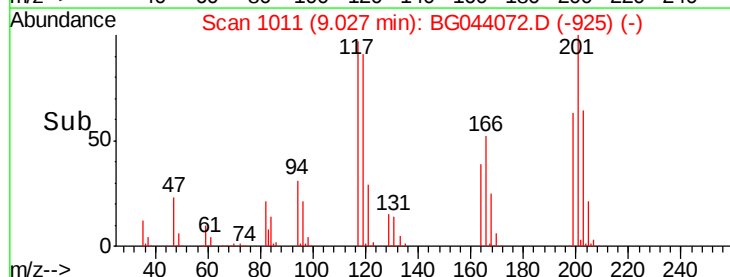
201 102.6 78.6 117.8

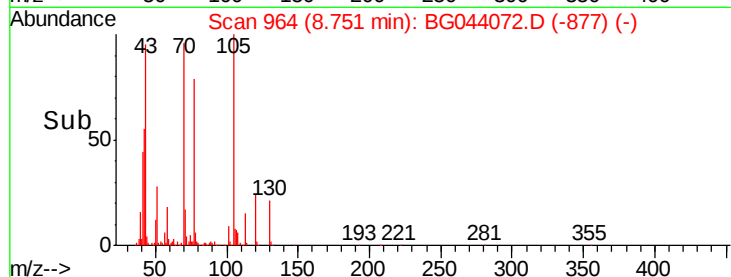
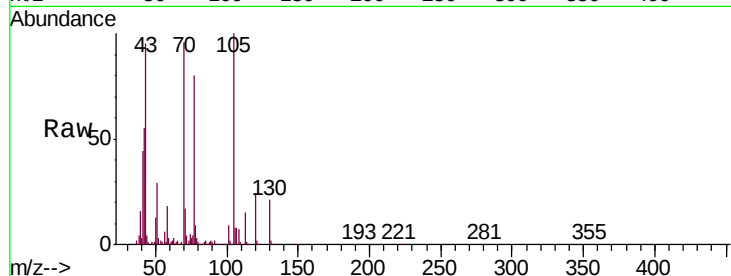
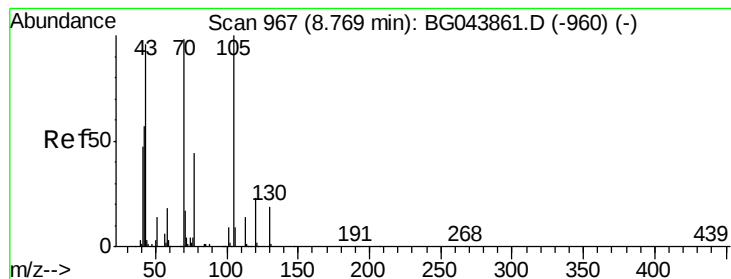


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.498 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

BW-1-3.0MSD

Tgt Ion: 70 Resp: 265994

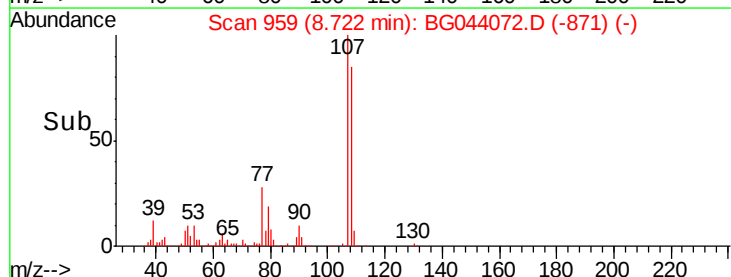
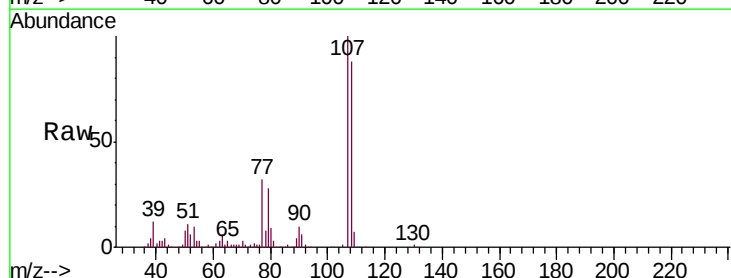
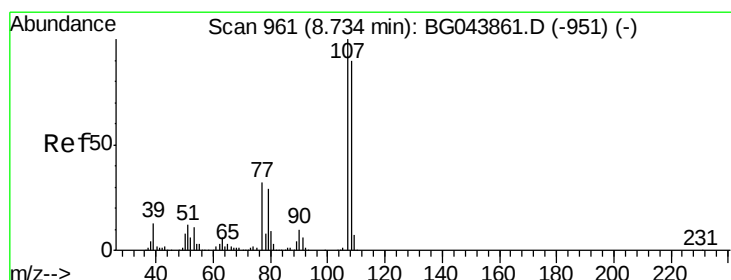
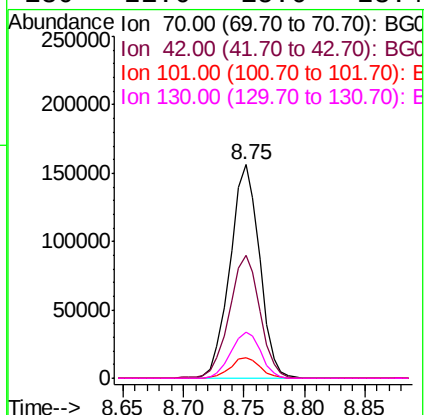
Ion Ratio Lower Upper

70 100

42 57.5 47.0 70.4

101 9.6 7.2 10.8

130 21.6 15.6 23.4



#20

3+4-Methylphenols

Concen: 43.772 ng

RT: 8.72 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Tgt Ion: 107 Resp: 422402

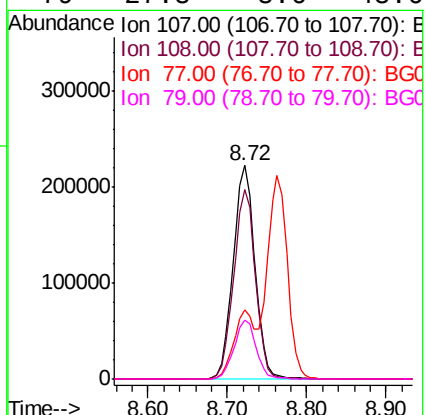
Ion Ratio Lower Upper

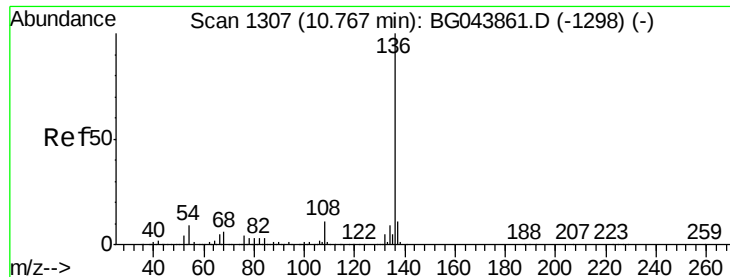
107 100

108 88.5 70.3 110.3

77 32.3 12.4 52.4

79 27.8 8.6 48.6

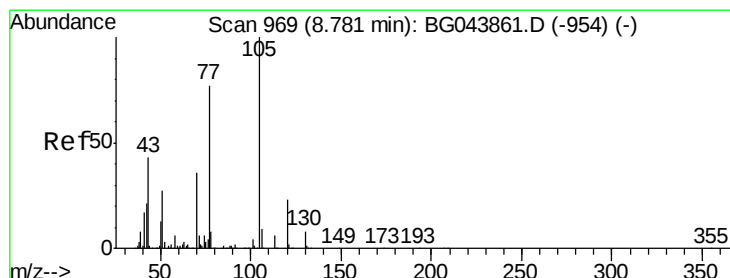
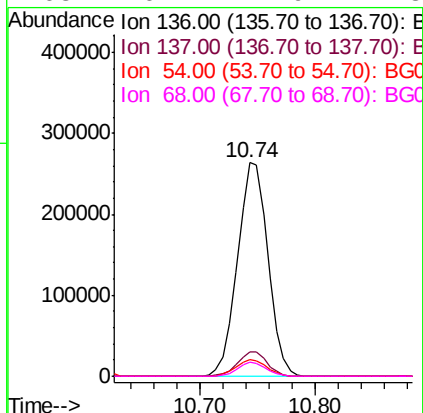
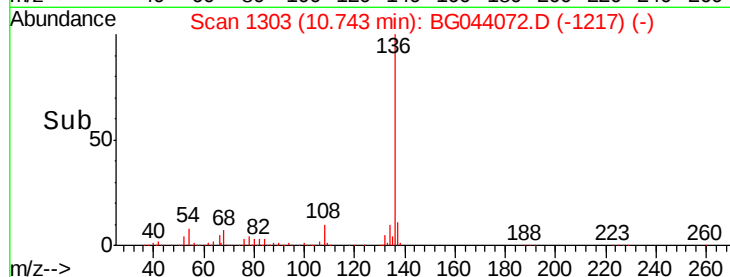
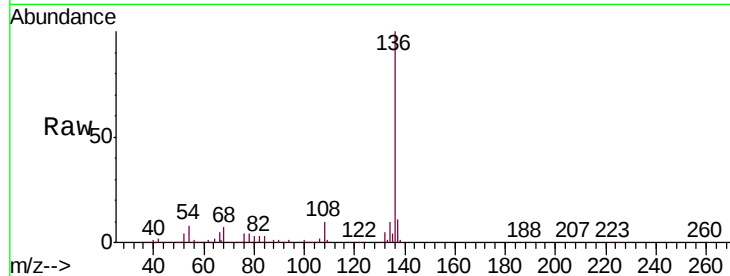




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.74 min Scan# 1303  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

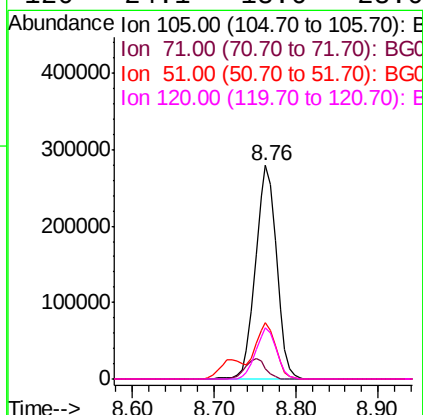
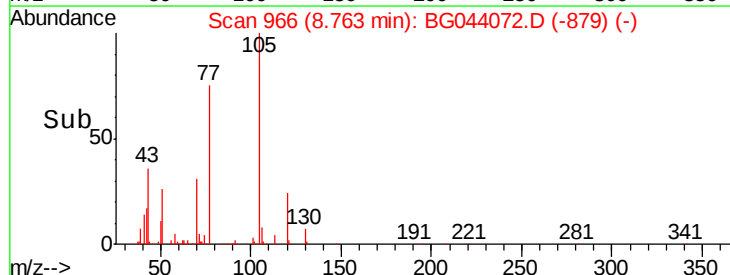
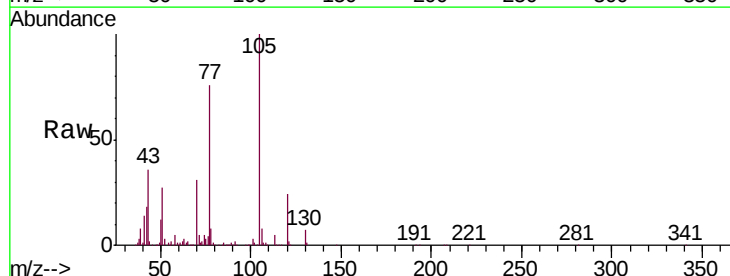
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 482061 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.4  | 8.8   | 13.2   |
| 54       | 7.9   | 7.0   | 10.4   |
| 68       | 6.7   | 4.9   | 7.3    |



#22  
Acetophenone  
Concen: 41.782 ng  
RT: 8.76 min Scan# 966  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 500734 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 5.1   | 4.8   | 7.2    |
| 51       | 26.7  | 21.4  | 32.0   |
| 120      | 24.1  | 18.6  | 28.0   |

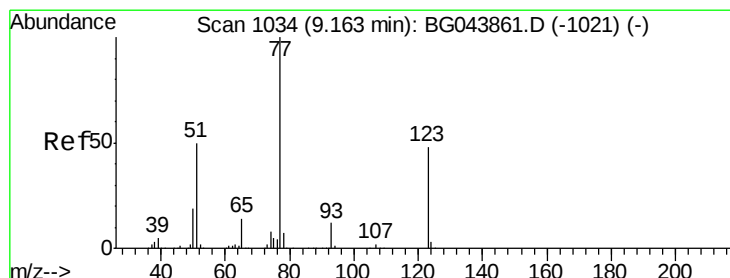
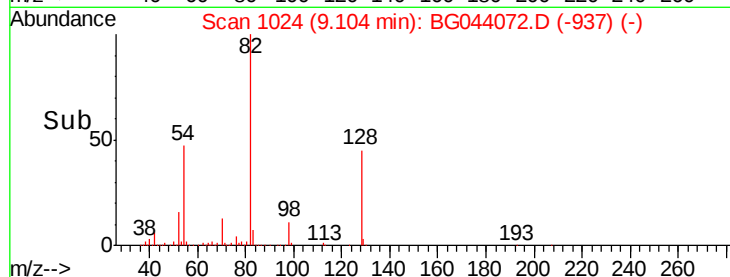
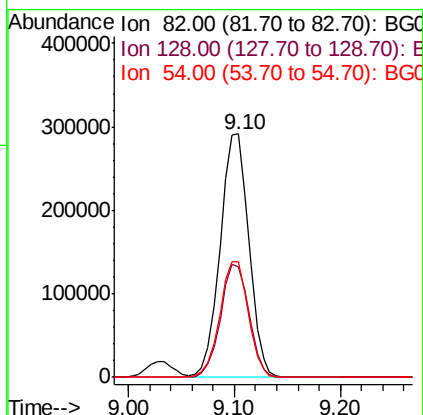
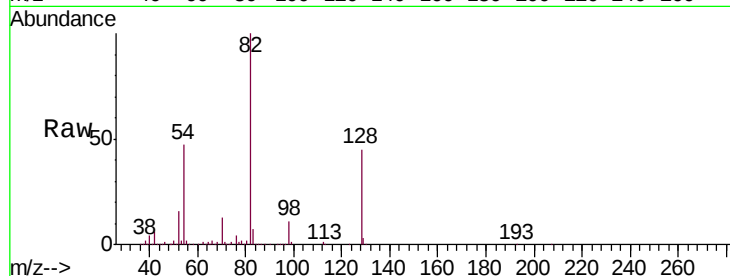




#23  
Nitrobenzene-d5  
Concen: 60.945 ng  
RT: 9.10 min Scan# 1024  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

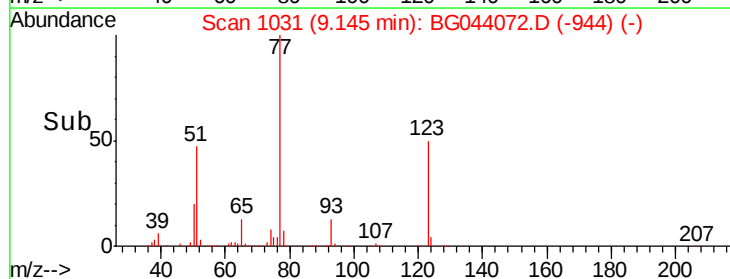
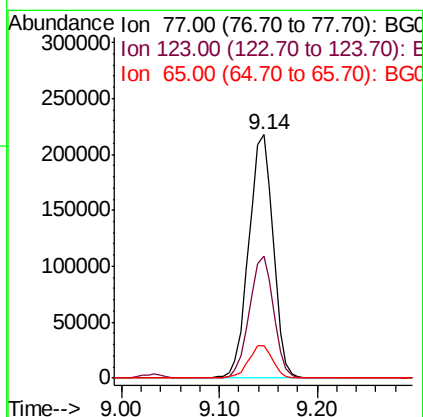
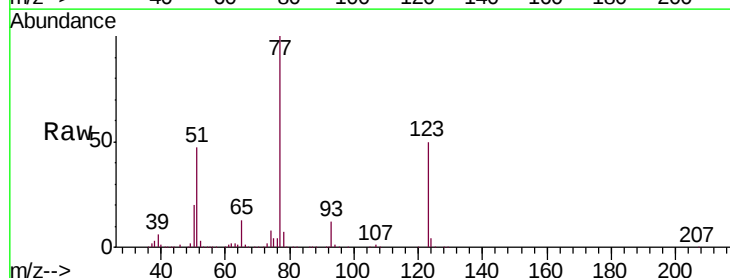
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

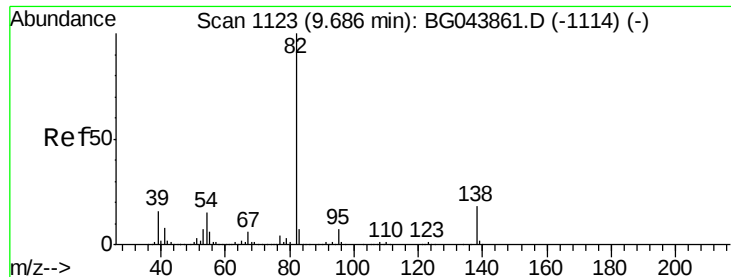
Tgt Ion: 82 Resp: 549182  
Ion Ratio Lower Upper  
82 100  
128 45.4 35.1 52.7  
54 47.4 40.1 60.1



#24  
Nitrobenzene  
Concen: 42.583 ng  
RT: 9.14 min Scan# 1031  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

Tgt Ion: 77 Resp: 380053  
Ion Ratio Lower Upper  
77 100  
123 49.9 38.7 58.1  
65 13.4 11.1 16.7

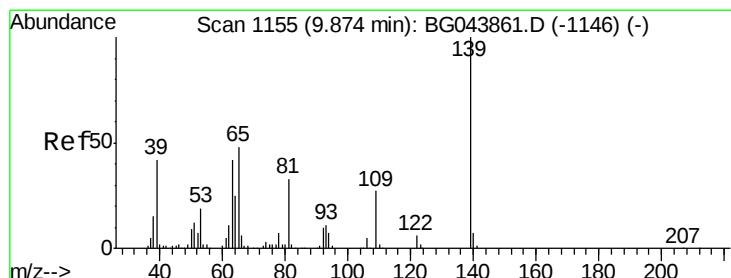
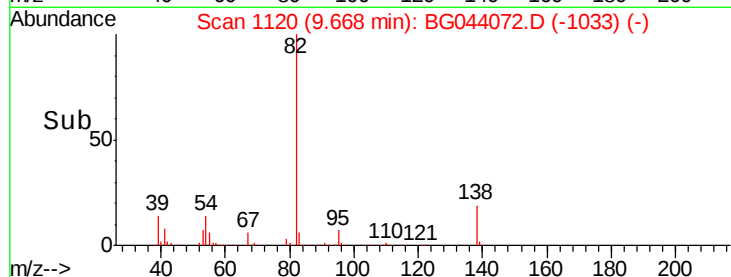
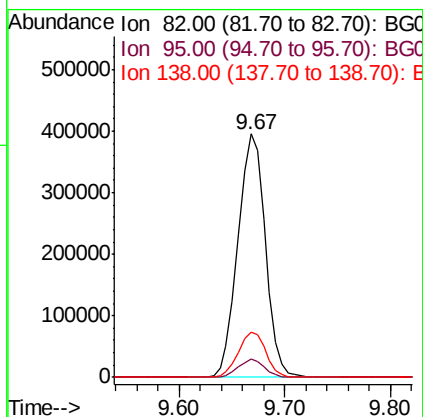
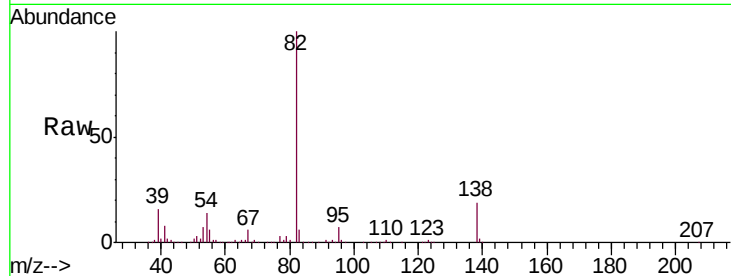




#25  
Isophorone  
Concen: 41.996 ng  
RT: 9.67 min Scan# 1120  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

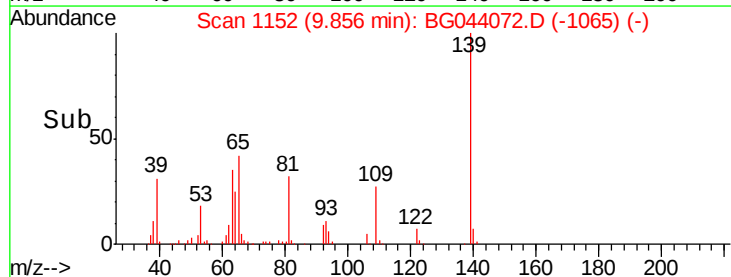
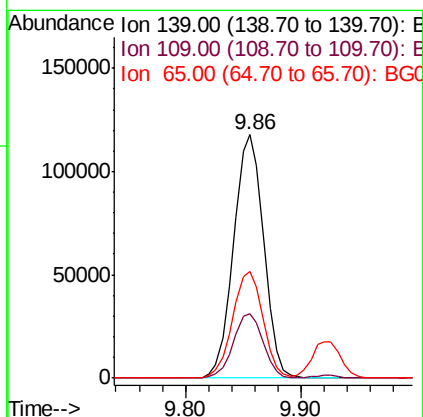
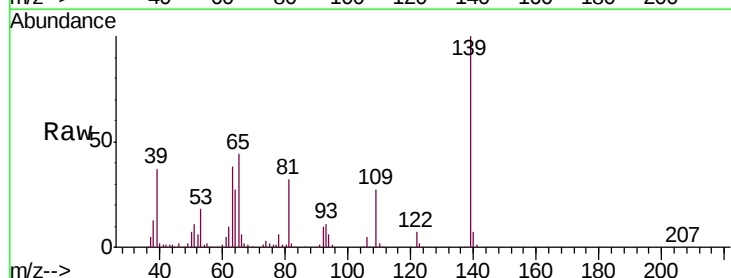
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

Tgt Ion: 82 Resp: 709982  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.8 8.6  
138 18.8 14.6 22.0



#26  
2-Nitrophenol  
Concen: 50.235 ng  
RT: 9.86 min Scan# 1152  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

Tgt Ion: 139 Resp: 212116  
Ion Ratio Lower Upper  
139 100  
109 26.6 21.3 31.9  
65 44.0 38.6 57.8

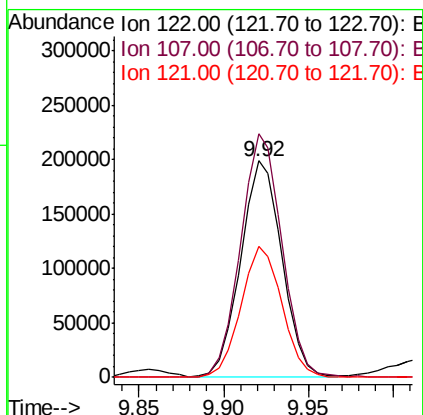
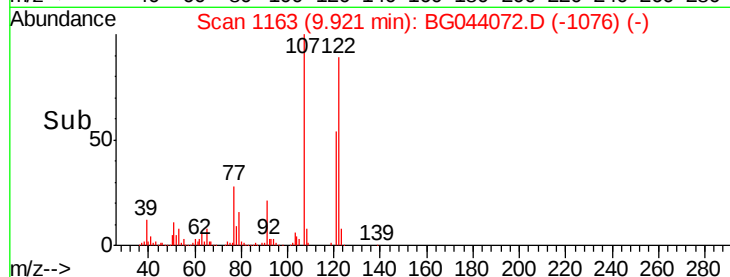
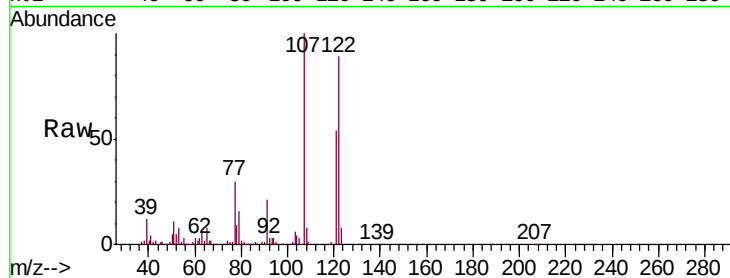




#27  
2,4-Dimethylphenol  
Concen: 52.949 ng  
RT: 9.92 min Scan# 1163  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

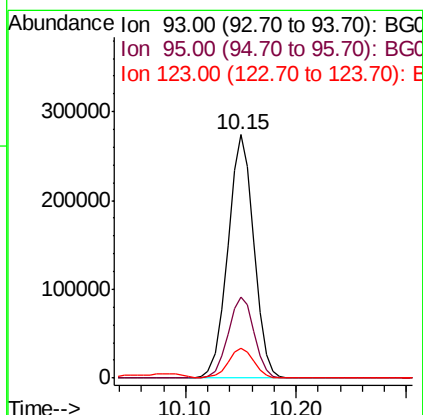
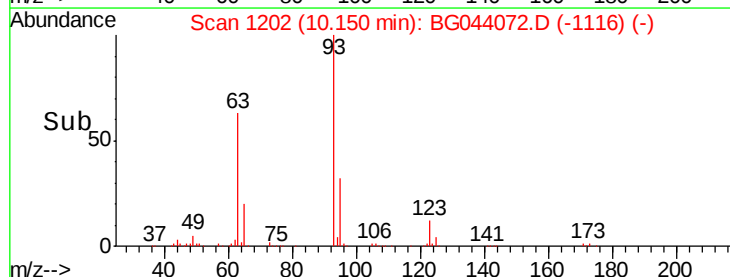
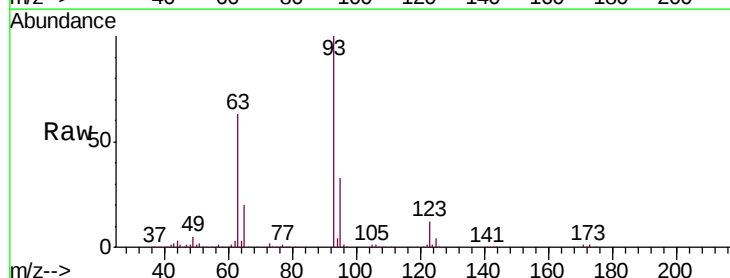
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

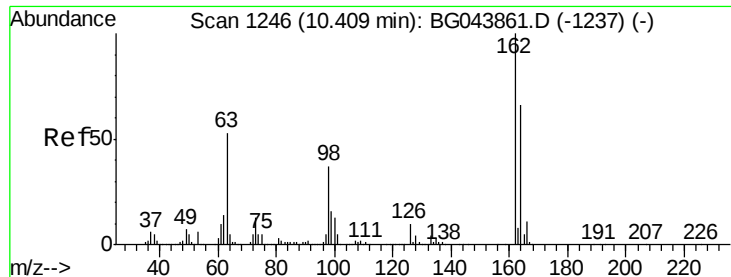
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 112.6 | 88.0  | 132.0 |
| 121     | 60.4  | 49.0  | 73.4  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.857 ng  
RT: 10.15 min Scan# 1202  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 27.2  | 40.8  |
| 123     | 12.2  | 9.7   | 14.5  |

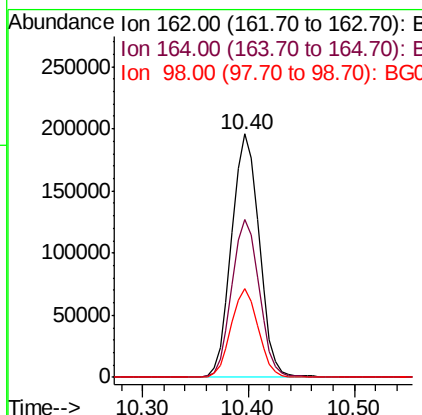
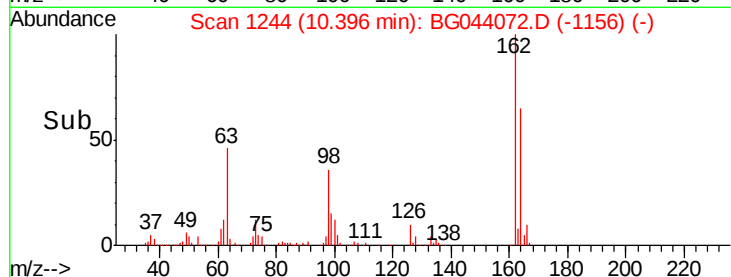
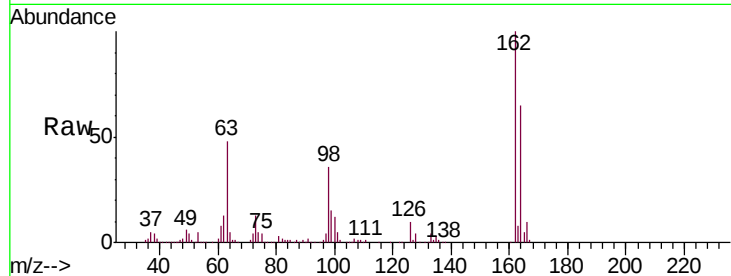




#29  
2,4-Dichlorophenol  
Concen: 46.777 ng  
RT: 10.40 min Scan# 1244  
Delta R.T. -0.01 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

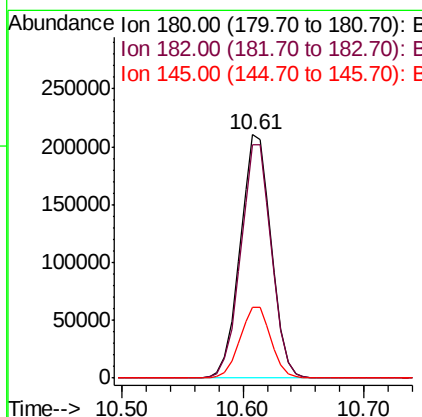
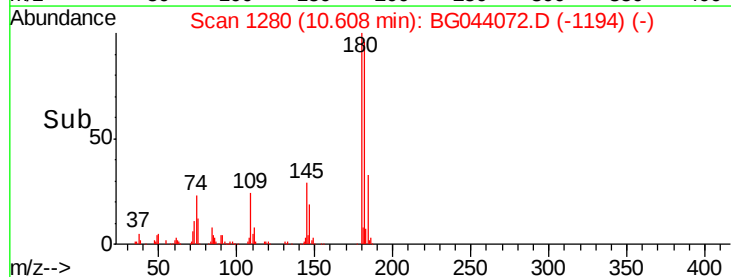
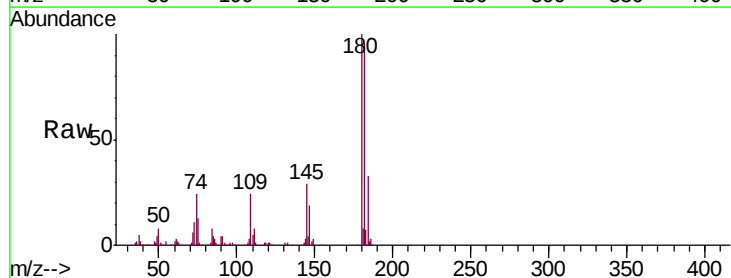
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.8  | 46.3  | 86.3  |
| 98      | 36.3  | 17.3  | 57.3  |



#30  
1,2,4-Trichlorobenzene  
Concen: 44.122 ng  
RT: 10.61 min Scan# 1280  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 75.0  | 112.4 |
| 145     | 29.2  | 24.2  | 36.4  |

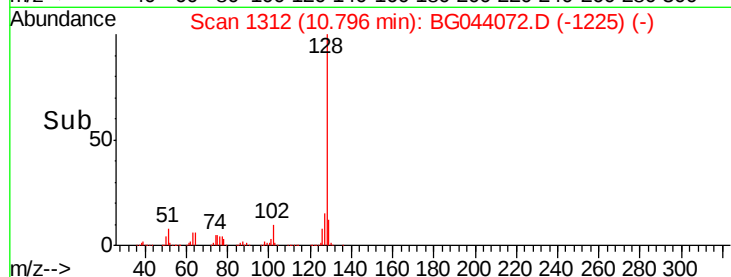
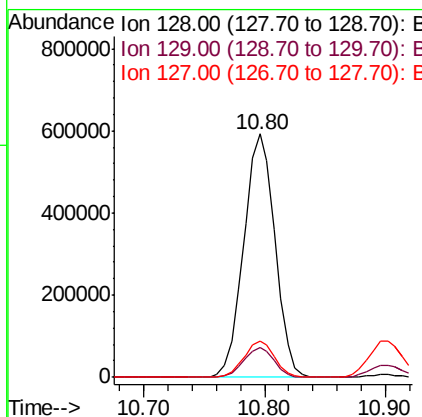
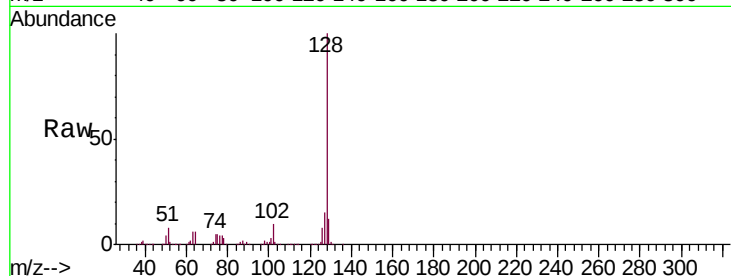




#31  
Naphthalene  
Concen: 45.831 ng  
RT: 10.80 min Scan# 1312  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

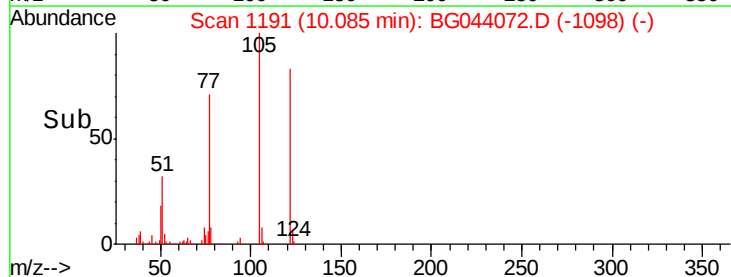
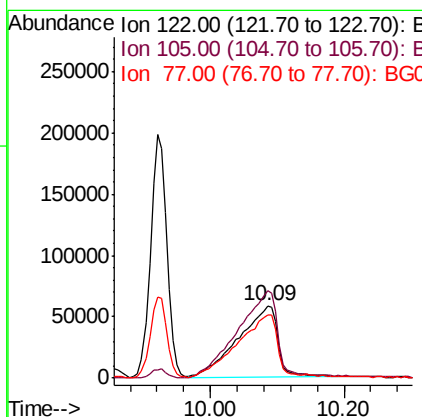
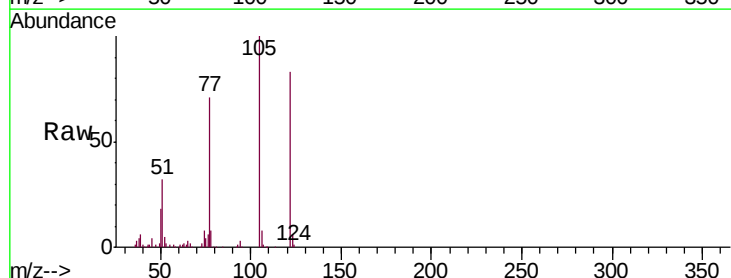
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

Tgt Ion:128 Resp: 1069129  
Ion Ratio Lower Upper  
128 100  
129 12.4 9.8 14.6  
127 15.0 12.0 18.0



#32  
Benzoic acid  
Concen: 46.350 ng  
RT: 10.09 min Scan# 1191  
Delta R.T. 0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

Tgt Ion:122 Resp: 238636  
Ion Ratio Lower Upper  
122 100  
105 121.2 106.4 146.4  
77 86.3 74.6 114.6

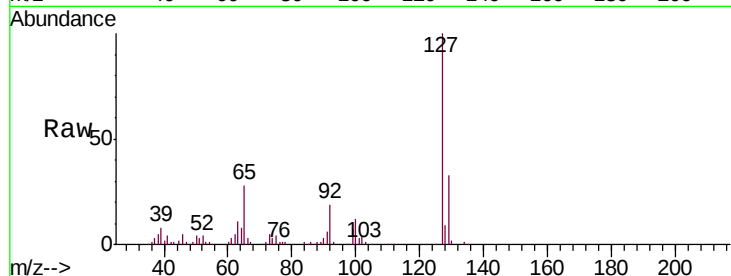




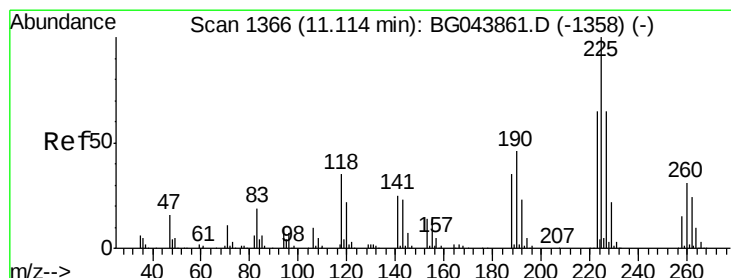
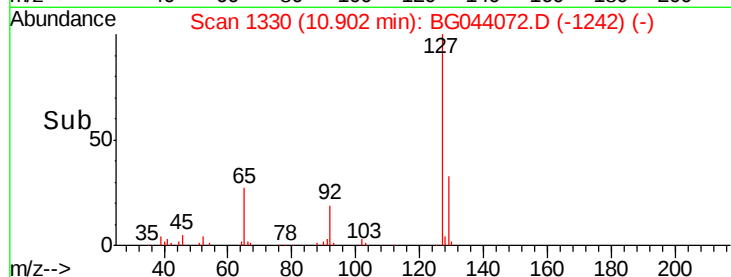
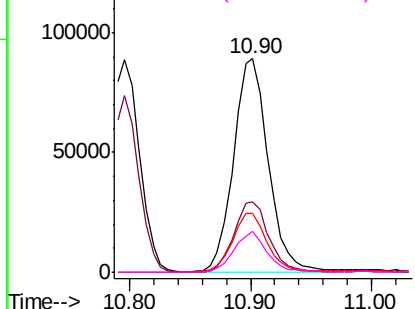
#33  
4-Chloroaniline  
Concen: 16.121 ng  
RT: 10.90 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 179366 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 26.6  | 40.0   |
| 65       | 27.7  | 23.3  | 34.9   |
| 92       | 19.2  | 14.7  | 22.1   |

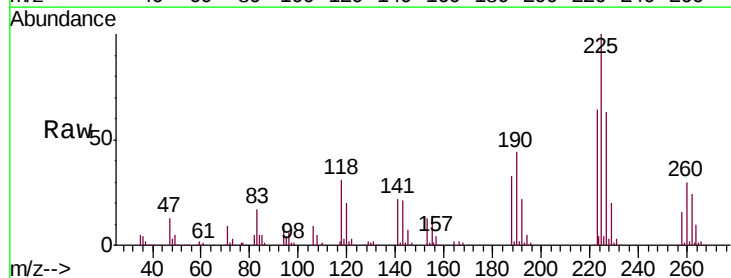


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGO  
Ion 92.00 (91.70 to 92.70): BGO

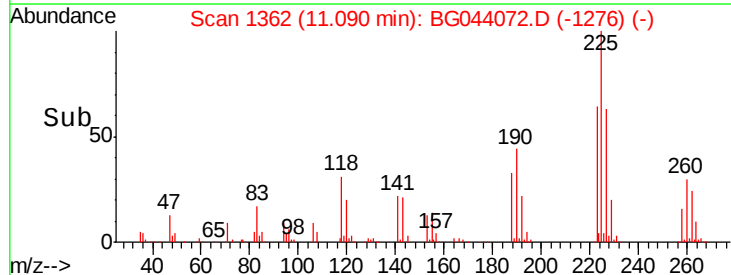
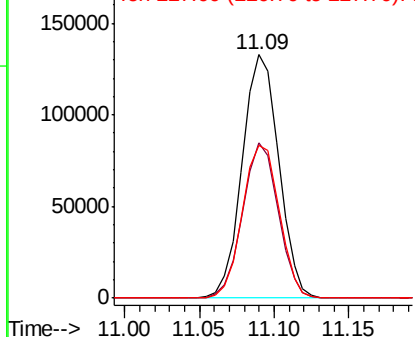


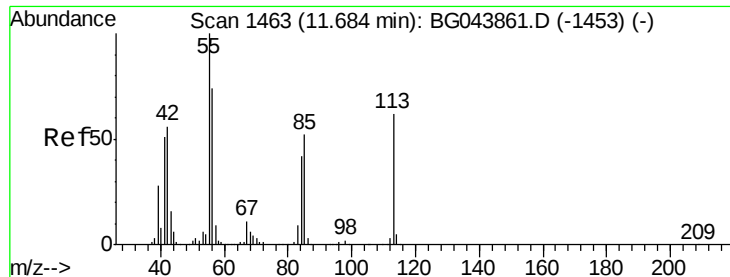
#34  
Hexachlorobutadiene  
Concen: 43.359 ng  
RT: 11.09 min Scan# 1362  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 225050 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 52.2  | 78.4   |
| 227      | 62.8  | 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

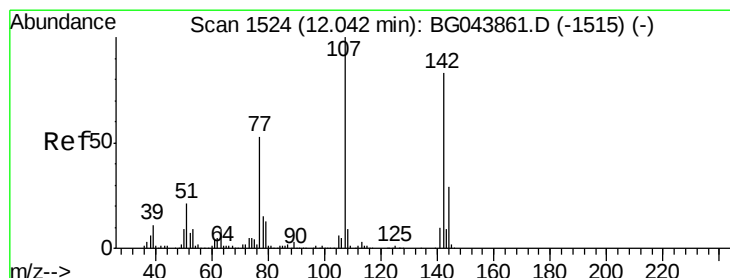
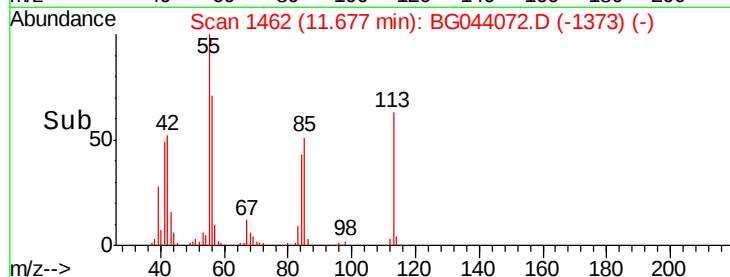
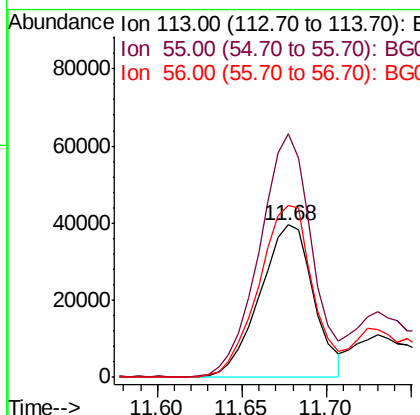
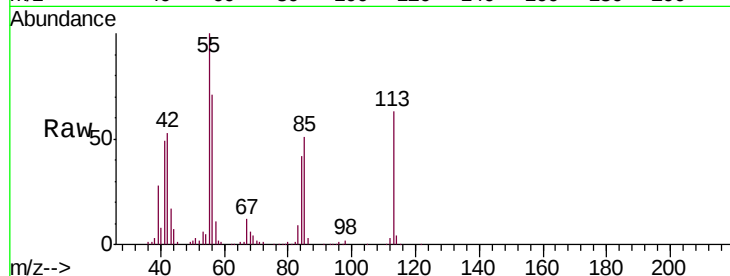




#35  
 Caprolactam  
 Concen: 31.050 ng  
 RT: 11.68 min Scan# 1462  
 Delta R.T. -0.01 min  
 Lab File: BG044072.D  
 Acq: 16 Jan 2020 17:20

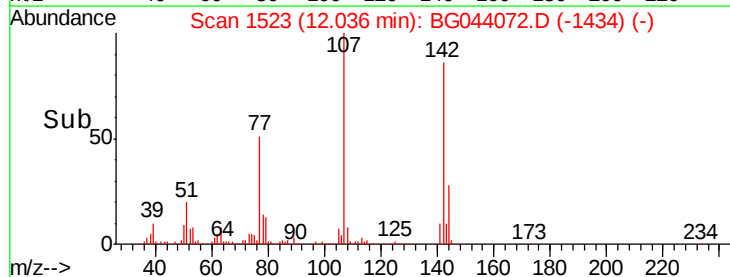
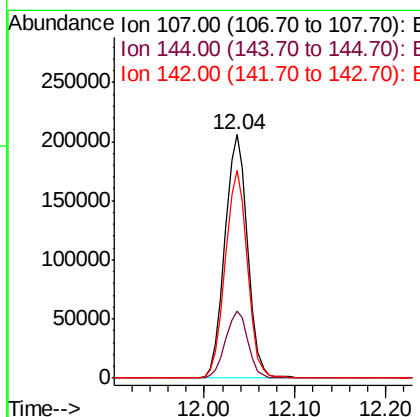
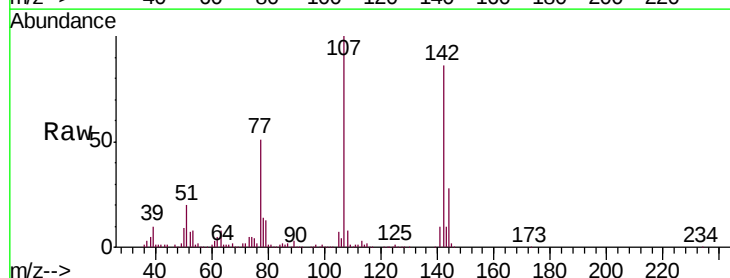
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BW-1-3.0MSD

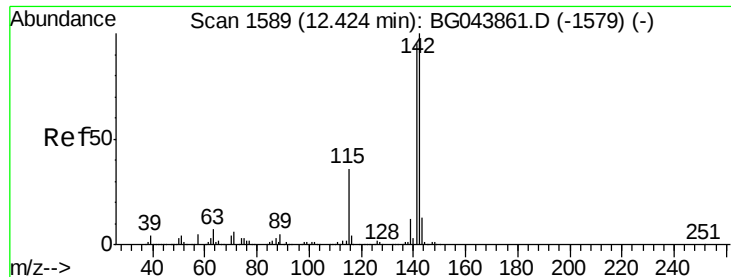
Tgt Ion:113 Resp: 87636  
 Ion Ratio Lower Upper  
 113 100  
 55 159.6 142.5 182.5  
 56 112.6 101.4 141.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.315 ng  
 RT: 12.04 min Scan# 1523  
 Delta R.T. -0.01 min  
 Lab File: BG044072.D  
 Acq: 16 Jan 2020 17:20

Tgt Ion:107 Resp: 357674  
 Ion Ratio Lower Upper  
 107 100  
 144 27.7 23.4 35.2  
 142 85.5 66.3 99.5

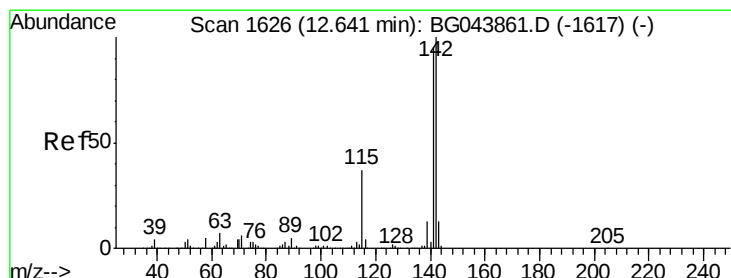
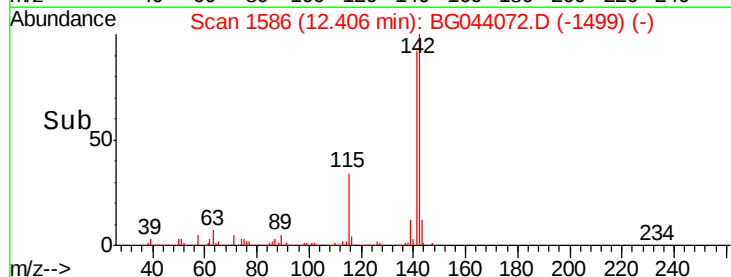
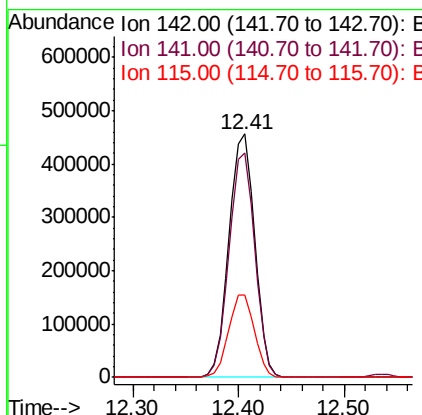
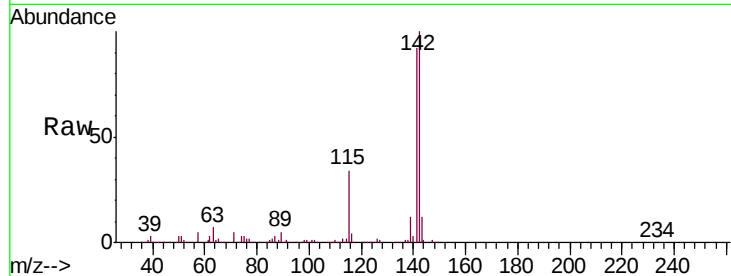




#37  
2-Methylnaphthalene  
Concen: 43.786 ng  
RT: 12.41 min Scan# 1586  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

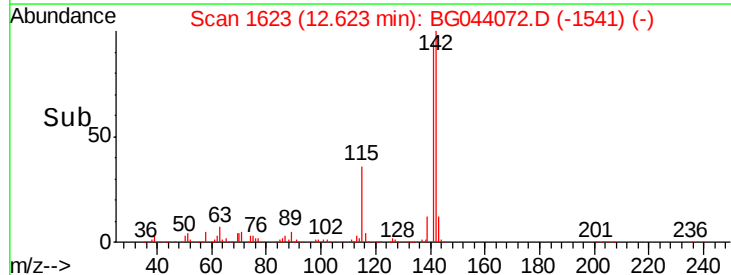
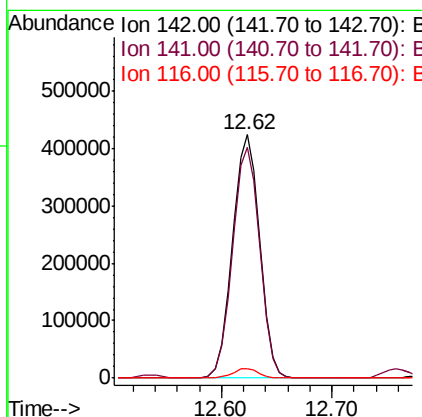
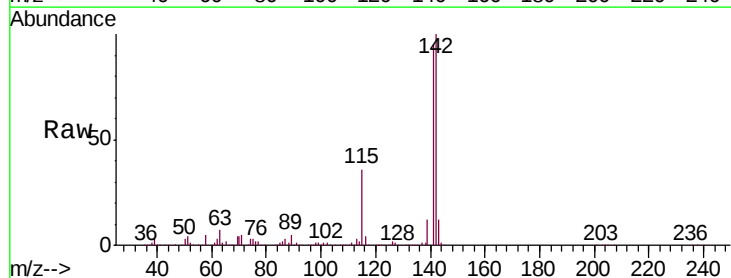
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

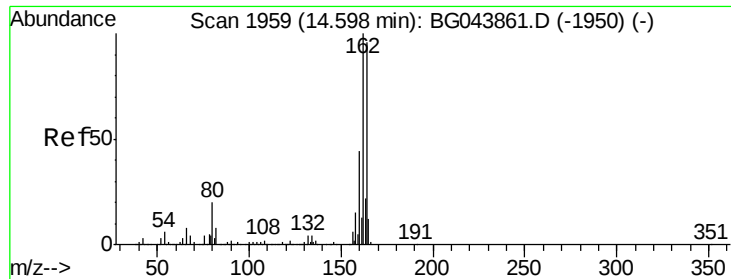
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.1  | 75.8  | 113.8 |
| 115     | 33.7  | 28.6  | 42.8  |



#38  
1-Methylnaphthalene  
Concen: 43.871 ng  
RT: 12.62 min Scan# 1623  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.7  | 76.0  | 114.0 |
| 116     | 3.8   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

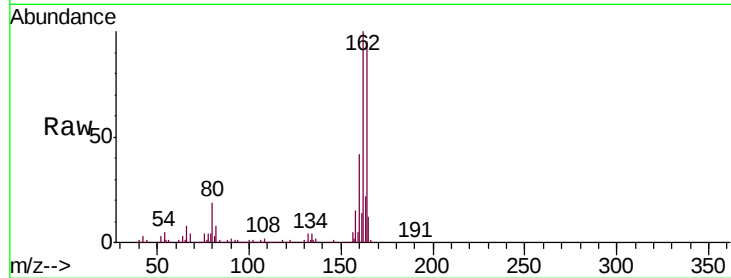
Instrument :

BNA\_G

ClientSampleId :

BW-1-3.0MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 287347 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 105.4 | 83.0  | 124.4  |
| 160      | 44.5  | 36.1  | 54.1   |

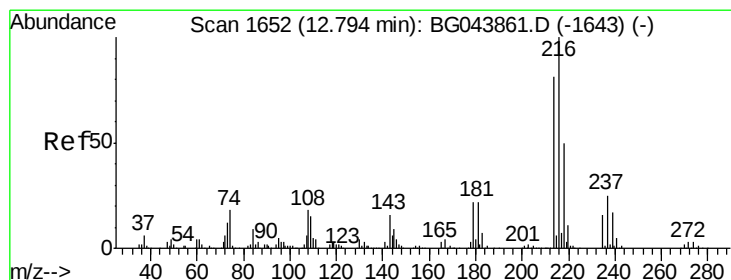
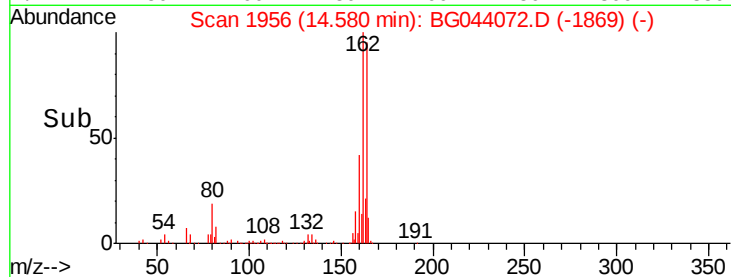
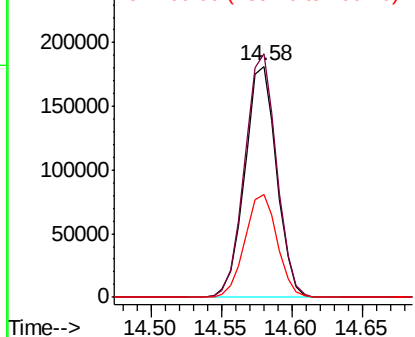


Abundance

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: 45.017 ng

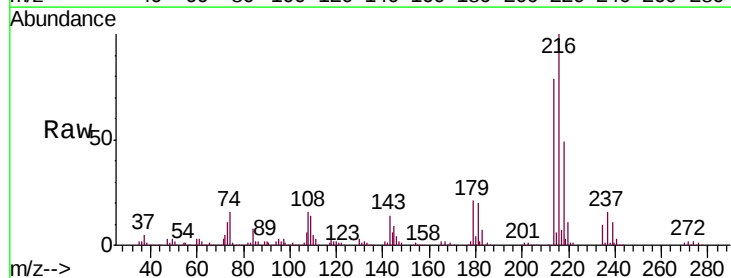
RT: 12.78 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 379139 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.6  | 63.8  | 95.8   |
| 179      | 21.0  | 17.3  | 25.9   |
| 108      | 18.2  | 15.3  | 22.9   |



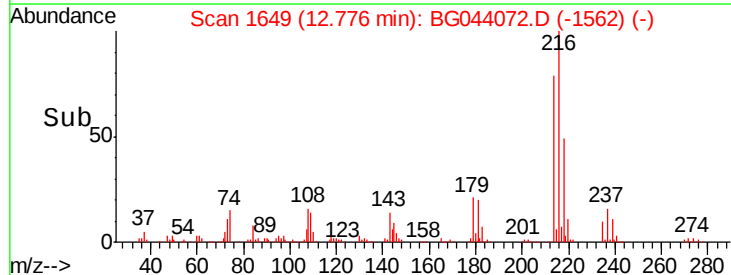
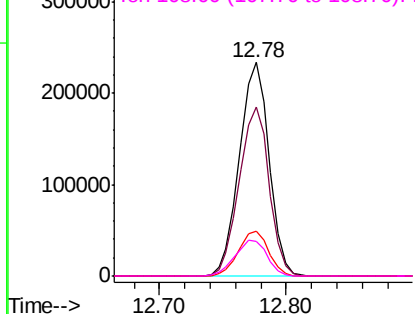
Abundance

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: 52.263 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

BW-1-3.0MSD

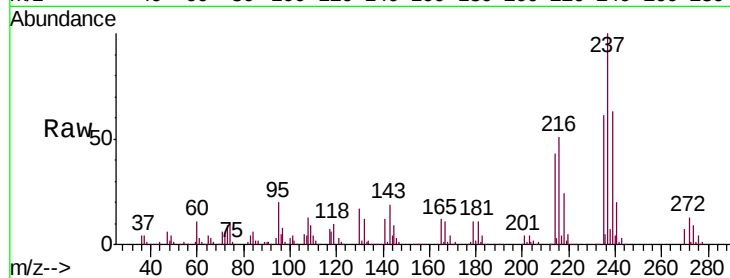
Tgt Ion:237 Resp: 228200

Ion Ratio Lower Upper

237 100

235 61.3 41.1 81.1

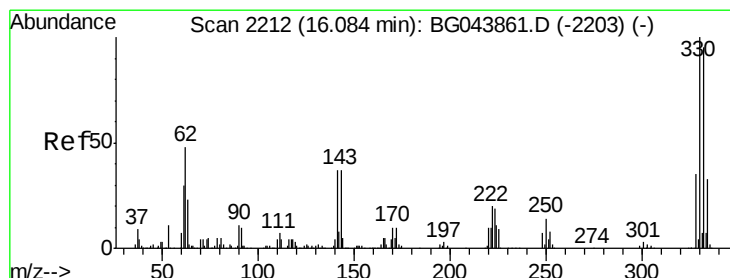
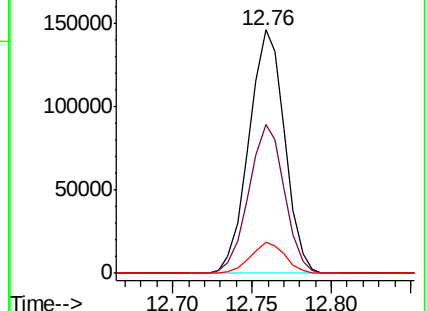
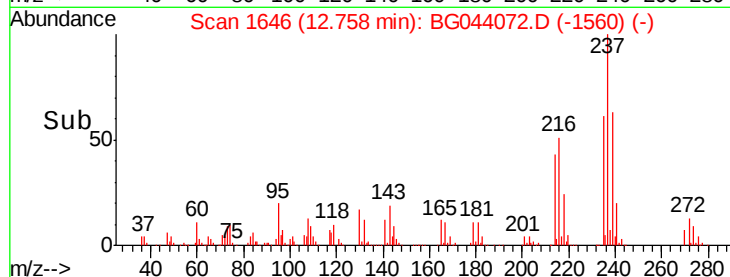
272 12.8 0.0 31.7



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: 104.715 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

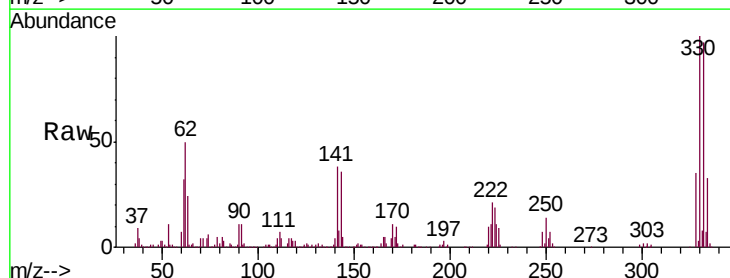
Tgt Ion:330 Resp: 314881

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

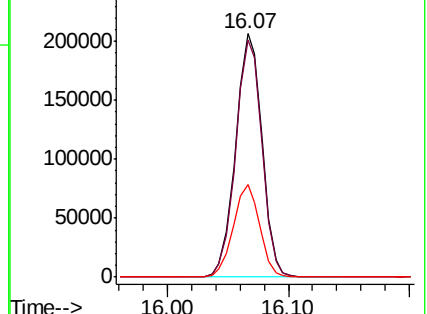
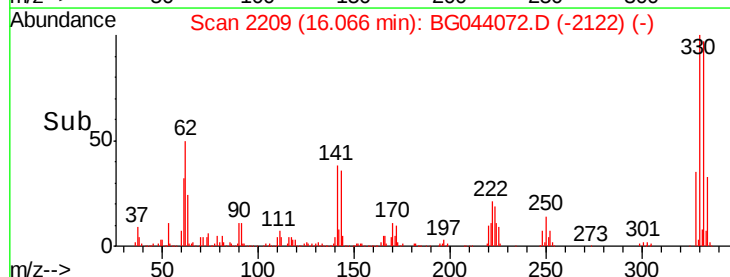
141 37.6 33.1 49.7



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

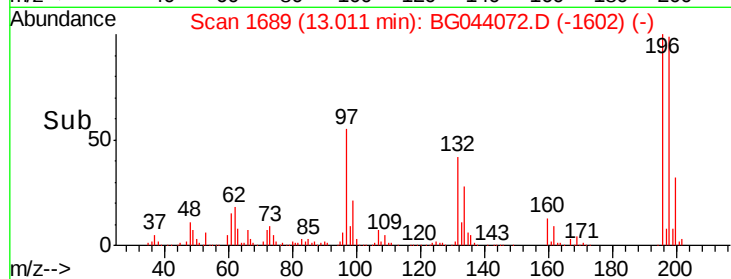
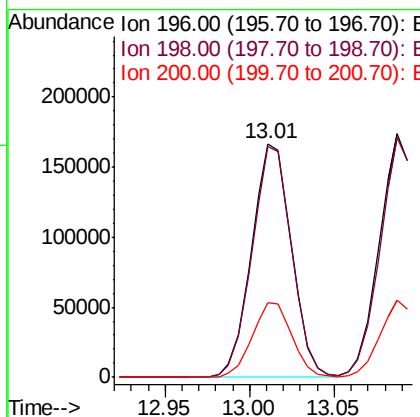
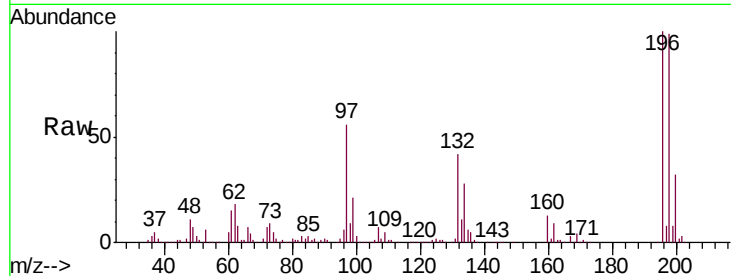




#43  
 2,4,6-Trichlorophenol  
 Concen: 47.316 ng  
 RT: 13.01 min Scan# 1689  
 Delta R.T. -0.02 min  
 Lab File: BG044072.D  
 Acq: 16 Jan 2020 17:20

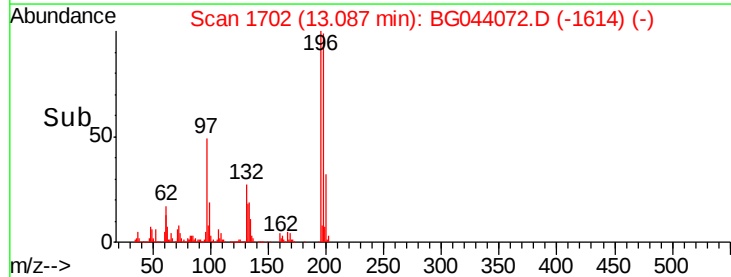
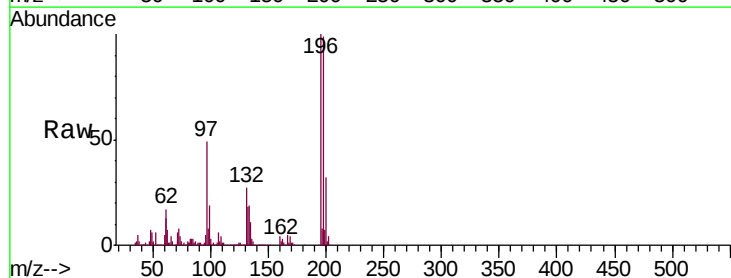
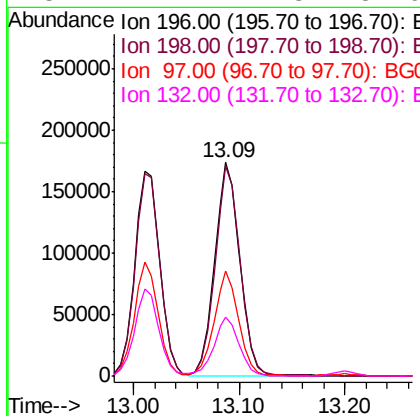
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BW-1-3.0MSD

Tgt Ion:196 Resp: 274202  
 Ion Ratio Lower Upper  
 196 100  
 198 98.7 76.6 115.0  
 200 32.2 24.6 37.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 48.067 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BG044072.D  
 Acq: 16 Jan 2020 17:20

Tgt Ion:196 Resp: 287295  
 Ion Ratio Lower Upper  
 196 100  
 198 98.6 78.3 117.5  
 97 49.4 38.8 58.2  
 132 27.4 21.3 31.9

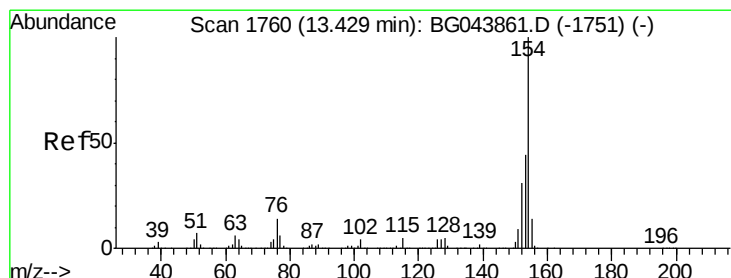
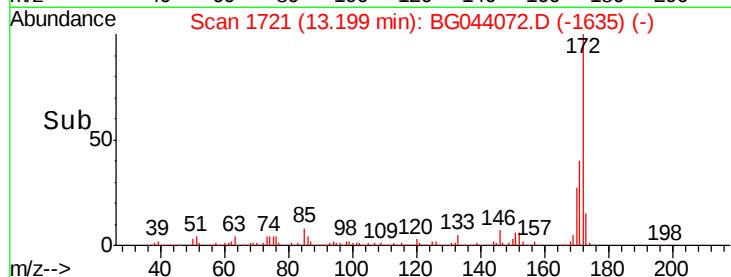
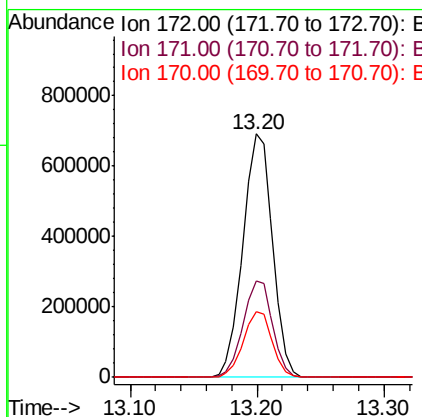
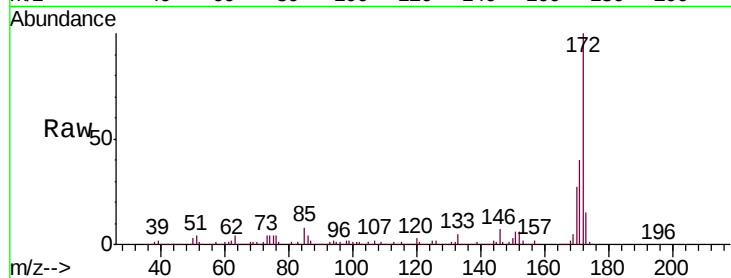




#45  
 2-Fluorobiphenyl  
 Concen: 70.845 ng  
 RT: 13.20 min Scan# 1721  
 Delta R.T. -0.02 min  
 Lab File: BG044072.D  
 Acq: 16 Jan 2020 17:20

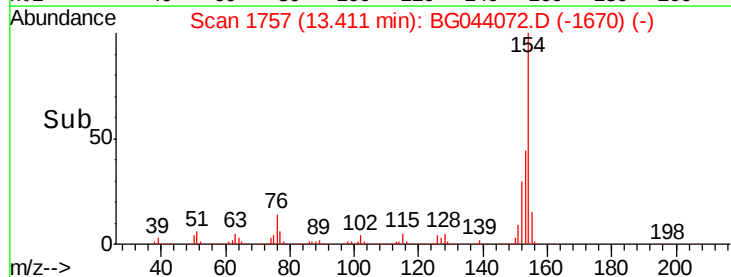
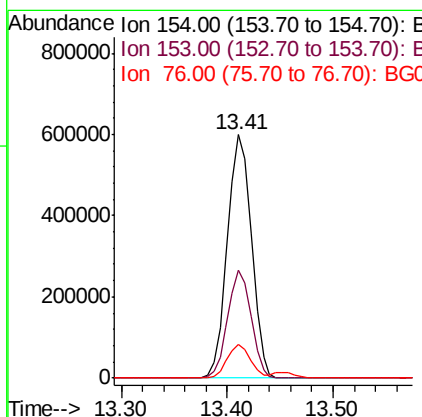
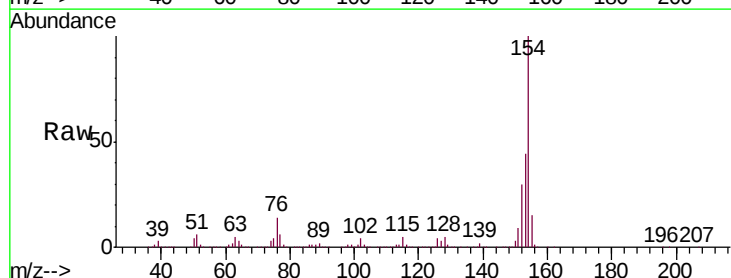
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BW-1-3.0MSD

Tgt Ion:172 Resp: 1123602  
 Ion Ratio Lower Upper  
 172 100  
 171 39.7 35.8 53.8  
 170 27.0 24.2 36.4



#46  
 1,1'-Biphenyl  
 Concen: 45.754 ng  
 RT: 13.41 min Scan# 1757  
 Delta R.T. -0.02 min  
 Lab File: BG044072.D  
 Acq: 16 Jan 2020 17:20

Tgt Ion:154 Resp: 942632  
 Ion Ratio Lower Upper  
 154 100  
 153 44.2 23.6 63.6  
 76 14.0 0.0 34.4





#47

2-Chloronaphthalene

Concen: 44.535 ng

RT: 13.45 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

BW-1-3.0MSD

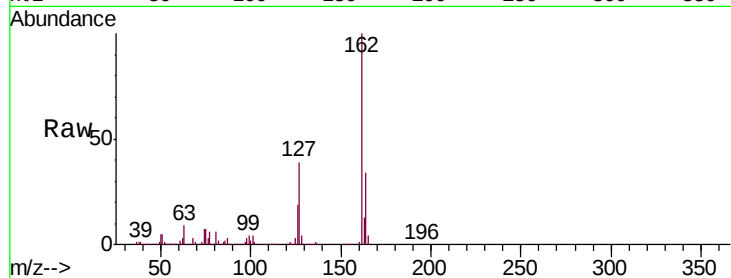
Tgt Ion: 162 Resp: 741414

Ion Ratio Lower Upper

162 100

127 38.8 32.1 48.1

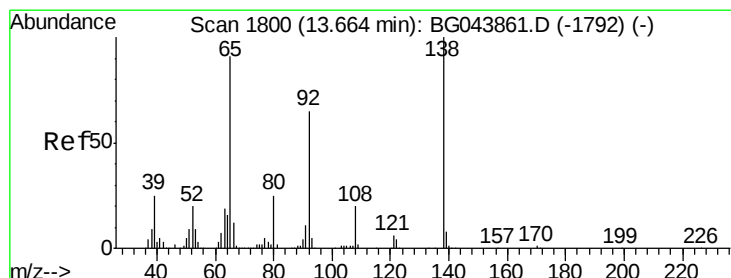
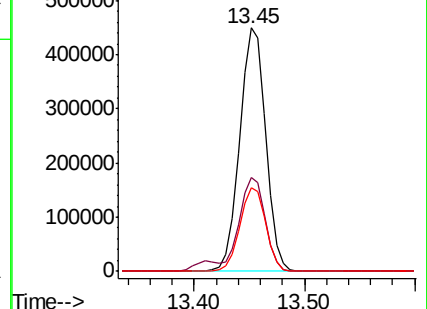
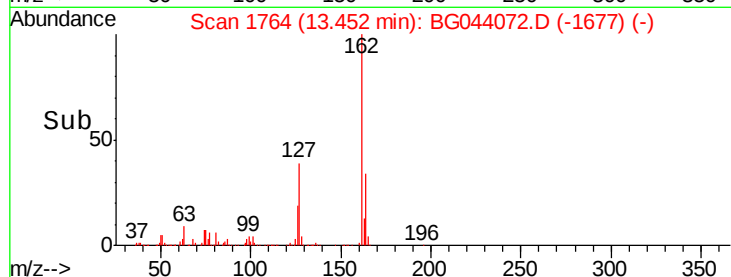
164 34.3 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.812 ng

RT: 13.65 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

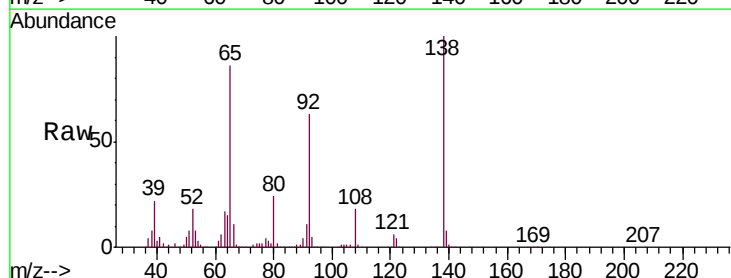
Tgt Ion: 65 Resp: 218556

Ion Ratio Lower Upper

65 100

92 72.9 57.4 86.2

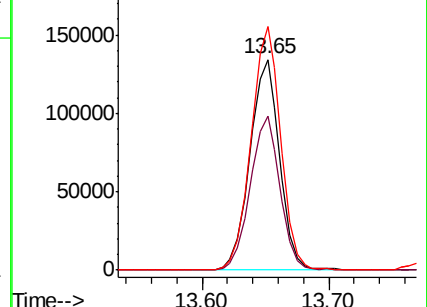
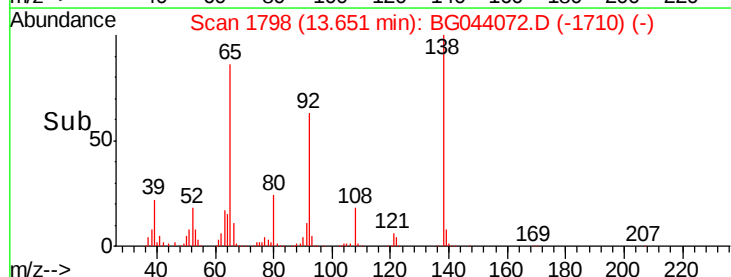
138 115.7 88.2 132.4

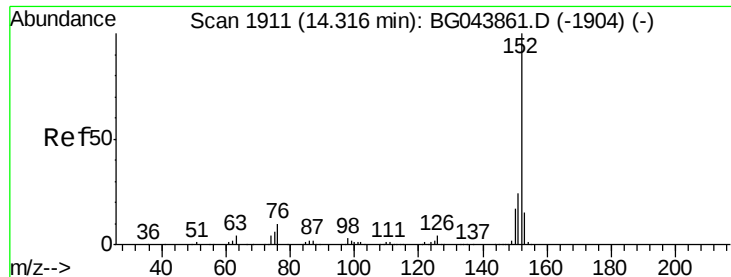


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.816 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

BW-1-3.0MSD

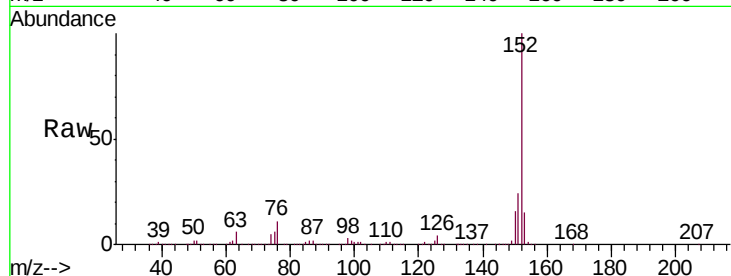
Tgt Ion:152 Resp: 1168066

Ion Ratio Lower Upper

152 100

151 23.6 19.4 29.2

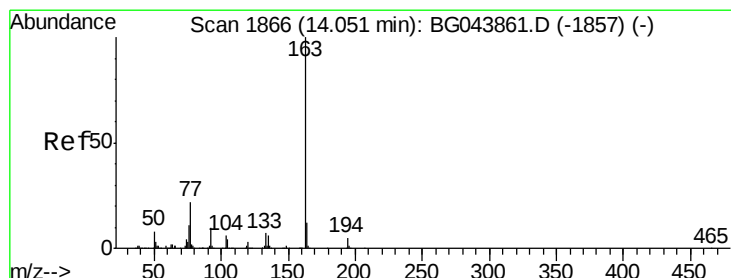
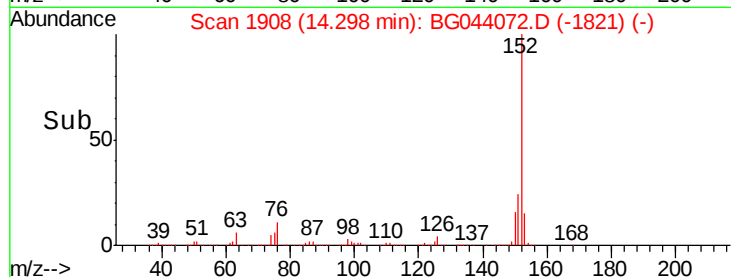
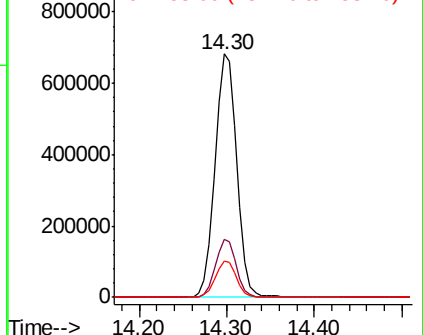
153 14.9 12.0 18.0



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: 49.049 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

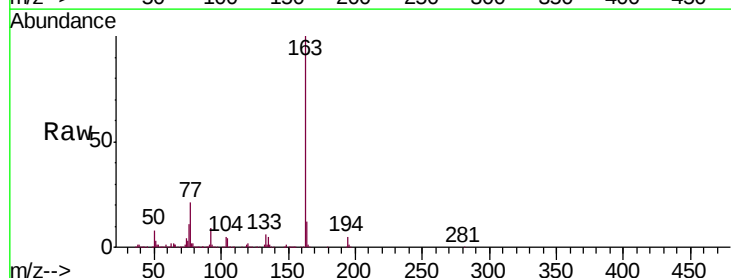
Tgt Ion:163 Resp: 1000728

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

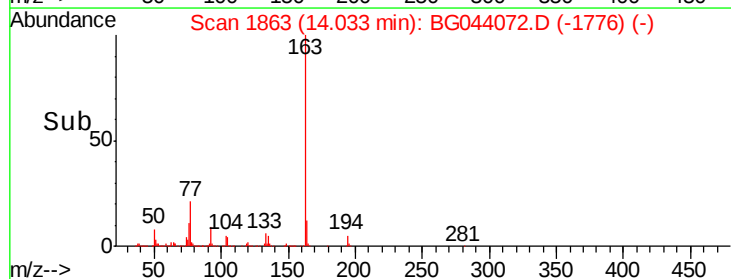
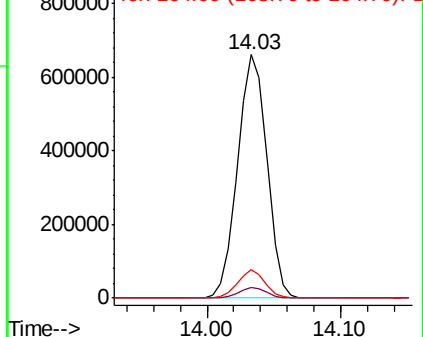
164 11.5 9.3 13.9



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

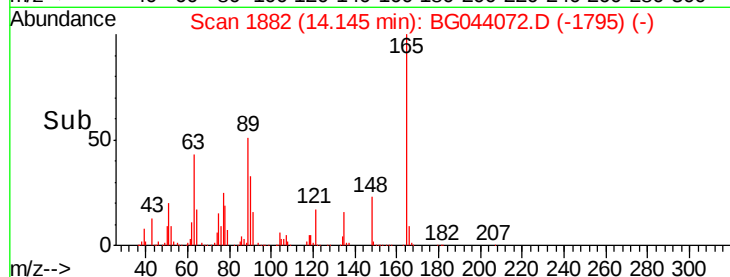
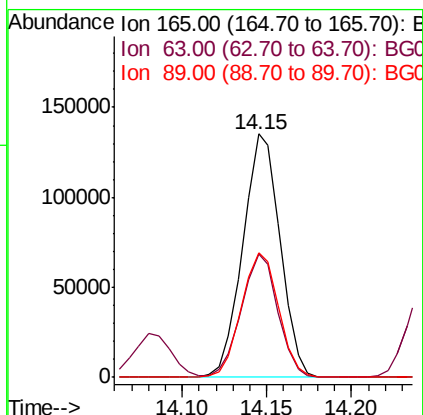
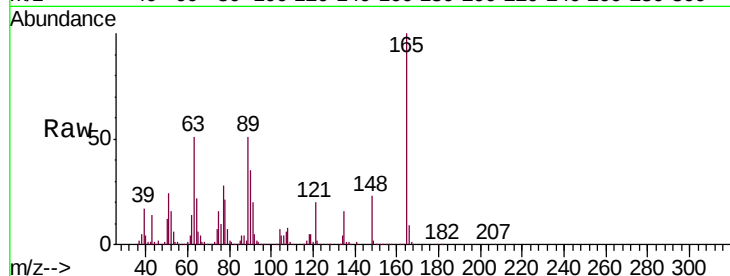




#51  
2,6-Dinitrotoluene  
Concen: 45.149 ng  
RT: 14.15 min Scan# 1882  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

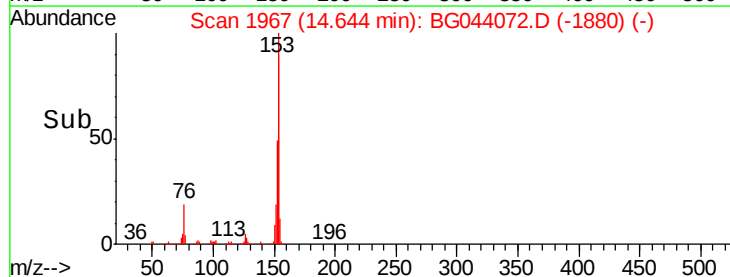
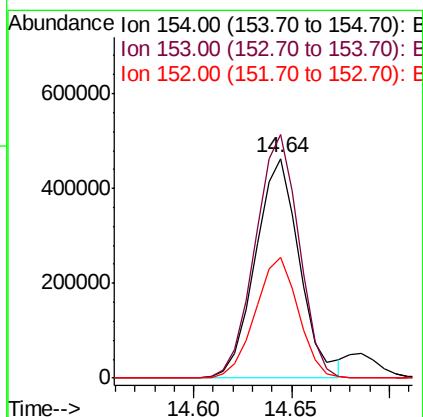
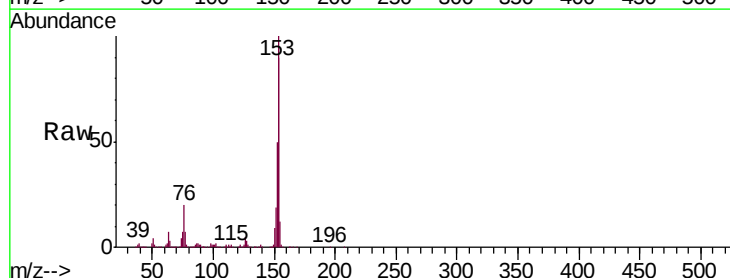
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.7  | 43.1  | 64.7  |
| 89      | 51.2  | 43.8  | 65.6  |



#52  
Acenaphthene  
Concen: 43.174 ng  
RT: 14.64 min Scan# 1967  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.7 | 91.6  | 137.4 |
| 152     | 54.9  | 45.4  | 68.0  |

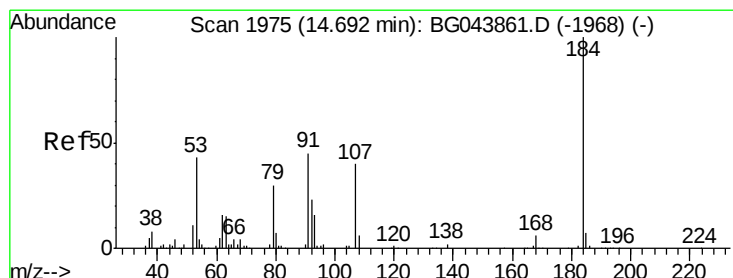
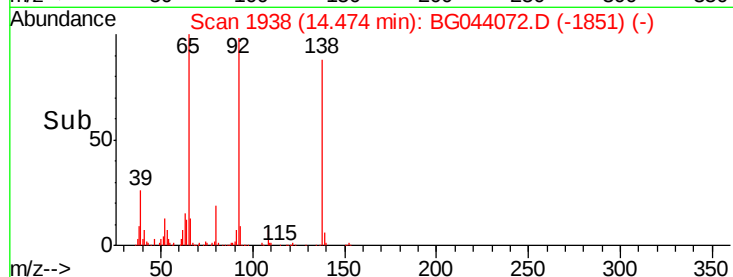
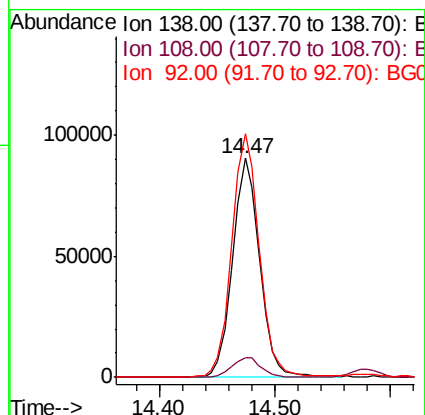
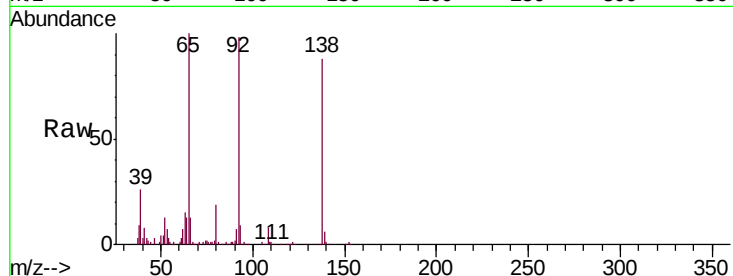




#53  
3-Nitroaniline  
Concen: 28.129 ng  
RT: 14.47 min Scan# 1938  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

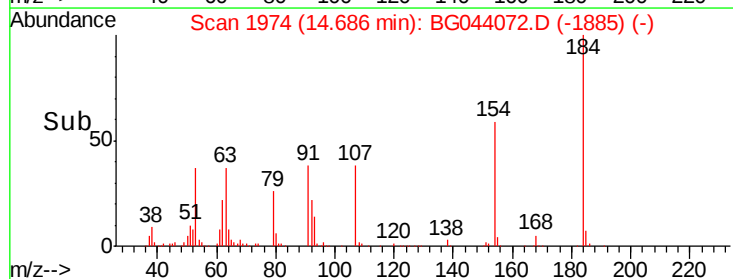
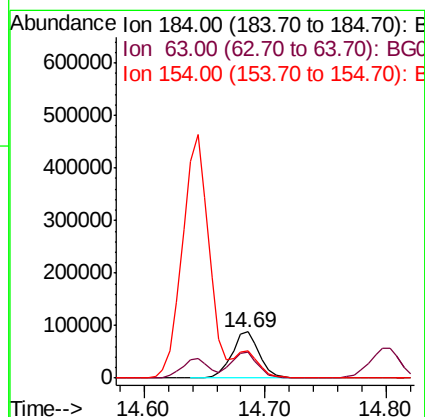
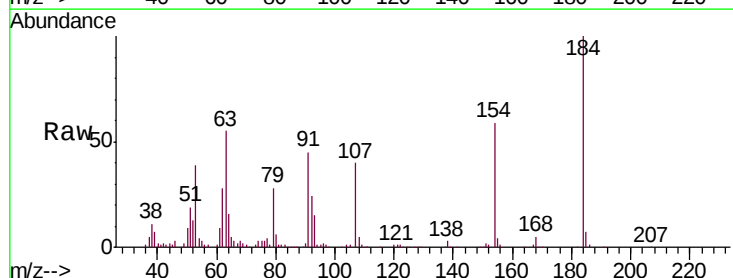
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

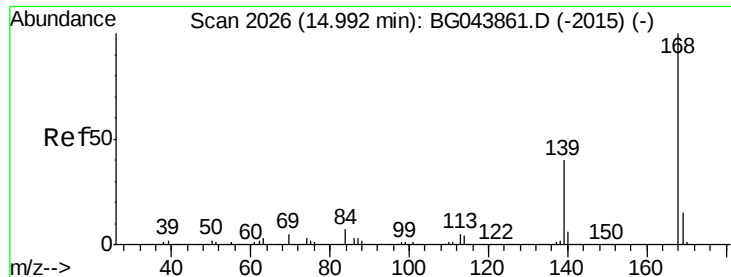
Tgt Ion:138 Resp: 147304  
Ion Ratio Lower Upper  
138 100  
108 9.2 7.4 11.2  
92 111.3 92.1 138.1



#54  
2,4-Dinitrophenol  
Concen: 61.107 ng  
RT: 14.69 min Scan# 1974  
Delta R.T. -0.01 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

Tgt Ion:184 Resp: 140294  
Ion Ratio Lower Upper  
184 100  
63 55.2 46.6 70.0  
154 58.6 50.2 75.4

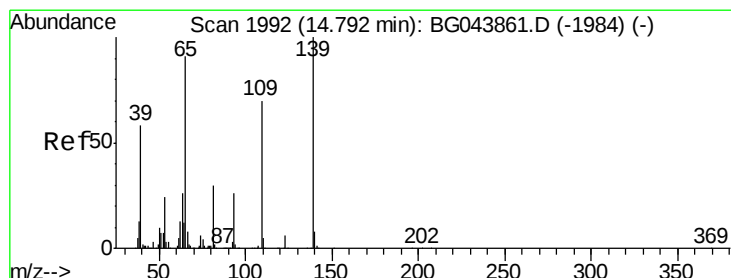
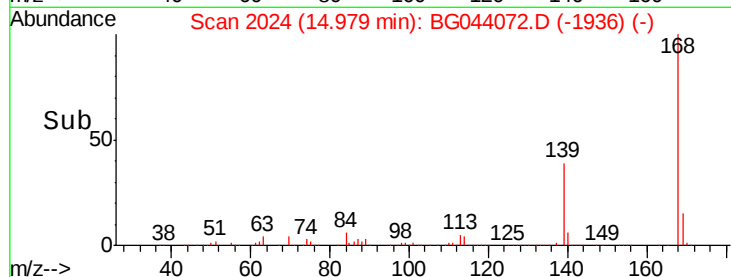
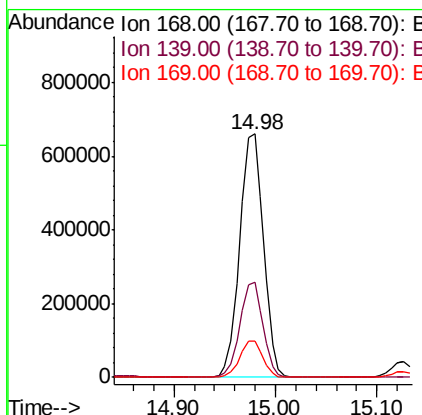
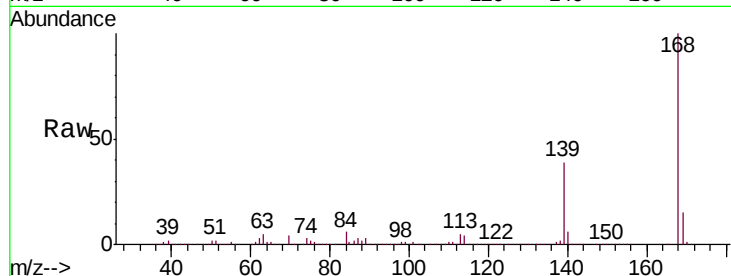




#55  
Dibenzenofuran  
Concen: 46.471 ng  
RT: 14.98 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

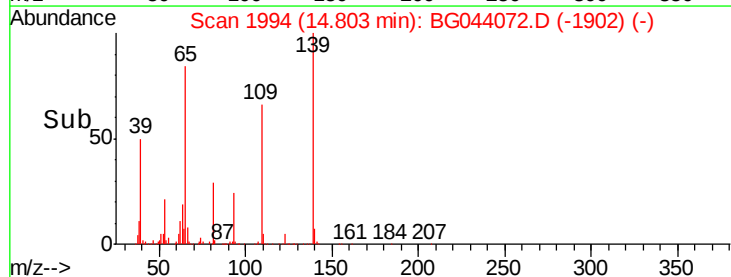
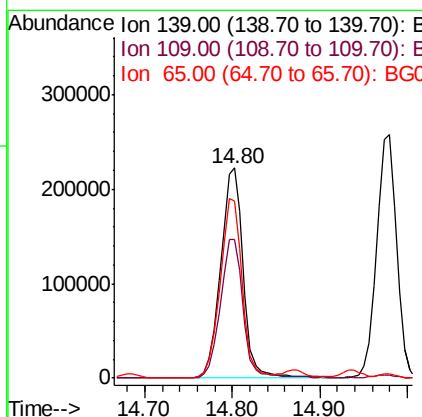
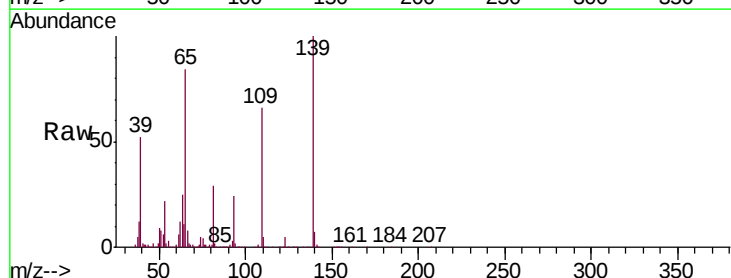
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

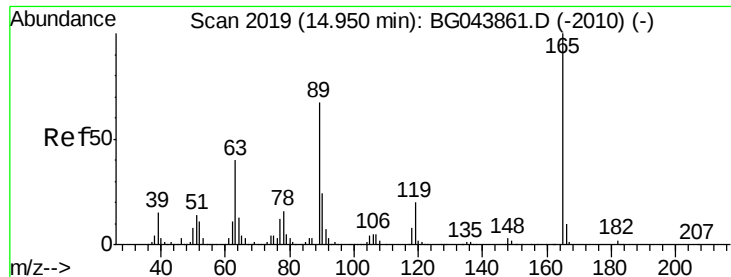
Tgt Ion:168 Resp: 1073491  
Ion Ratio Lower Upper  
168 100  
139 39.0 32.2 48.2  
169 14.7 12.2 18.2



#56  
4-Nitrophenol  
Concen: 99.042 ng  
RT: 14.80 min Scan# 1994  
Delta R.T. 0.01 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

Tgt Ion:139 Resp: 397450  
Ion Ratio Lower Upper  
139 100  
109 66.0 50.4 90.4  
65 84.0 71.4 111.4

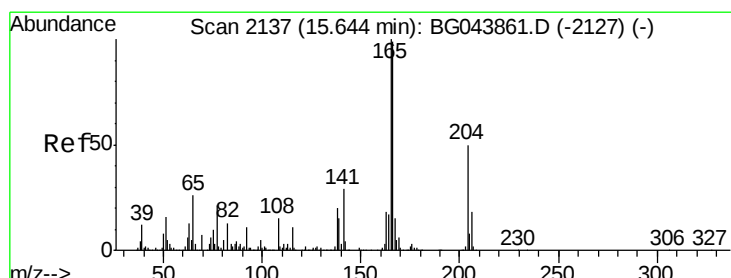
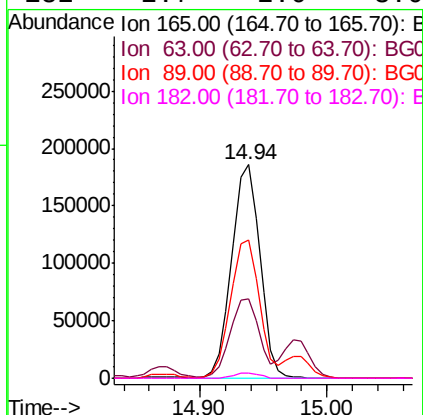
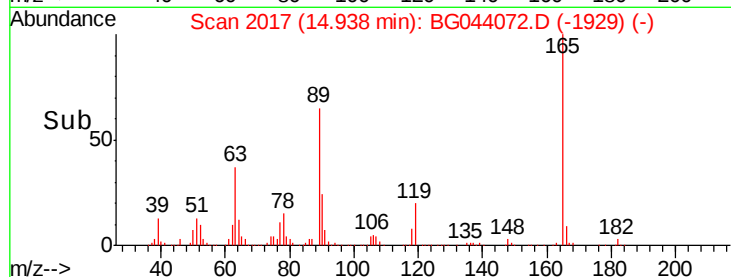
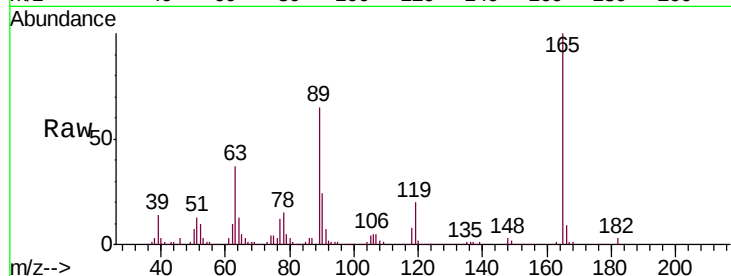




#57  
2,4-Dinitrotoluene  
Concen: 45.587 ng  
RT: 14.94 min Scan# 2017  
Delta R.T. -0.01 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

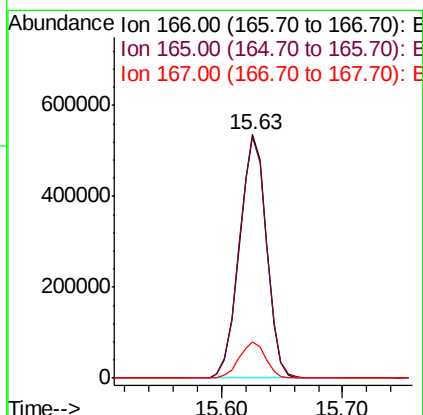
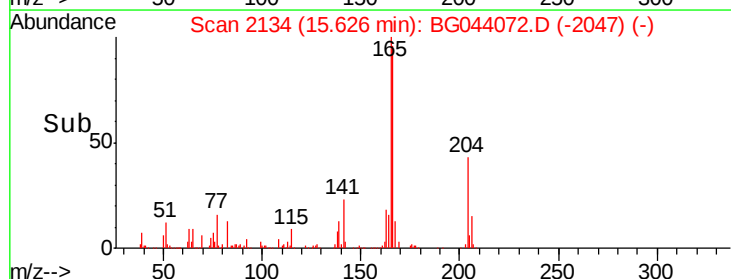
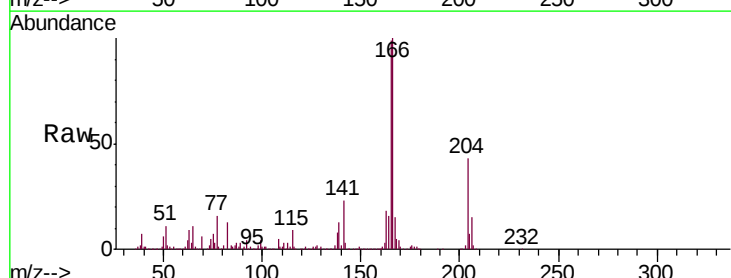
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

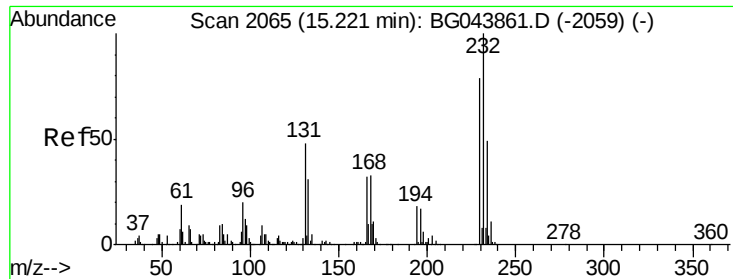
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 286050 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 37.1  | 31.9  | 47.9   |
| 89       | 64.6  | 53.8  | 80.6   |
| 182      | 2.7   | 2.0   | 3.0    |



#58  
Fluorene  
Concen: 45.497 ng  
RT: 15.63 min Scan# 2134  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 833018 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 99.0  | 80.8  | 121.2  |
| 167      | 14.6  | 12.1  | 18.1   |

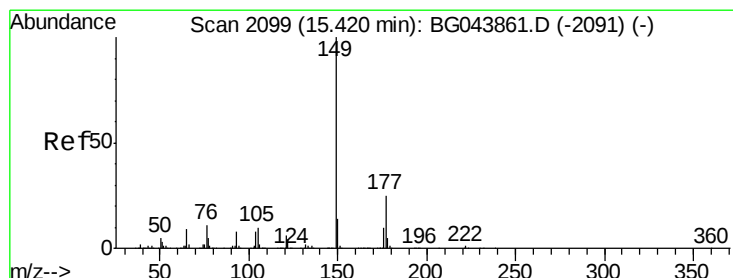
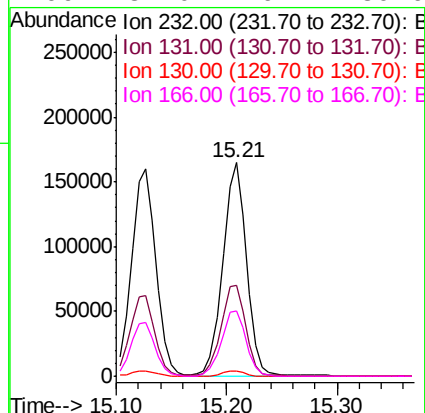
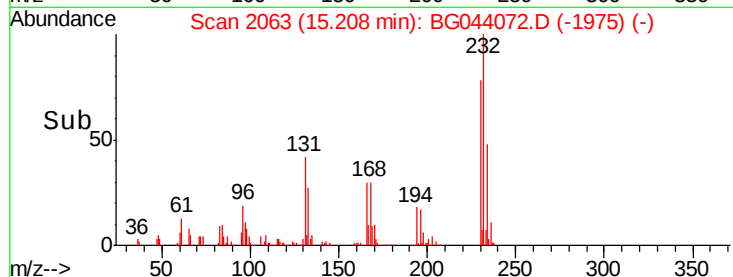
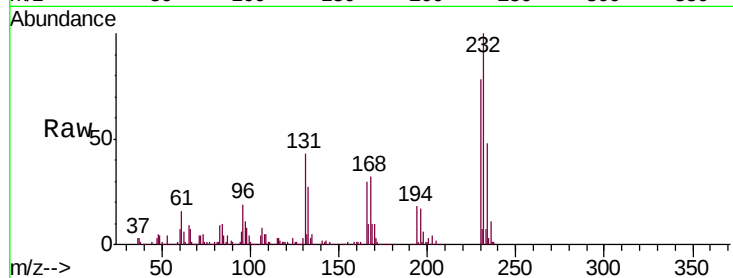




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.600 ng  
RT: 15.21 min Scan# 2063  
Delta R.T. -0.01 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

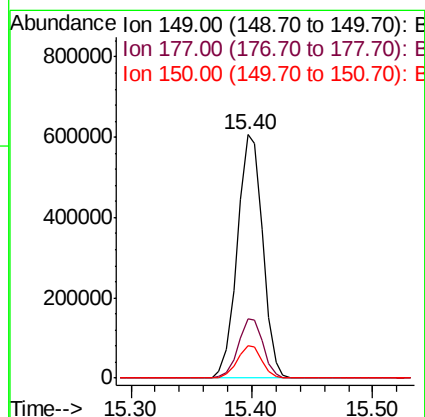
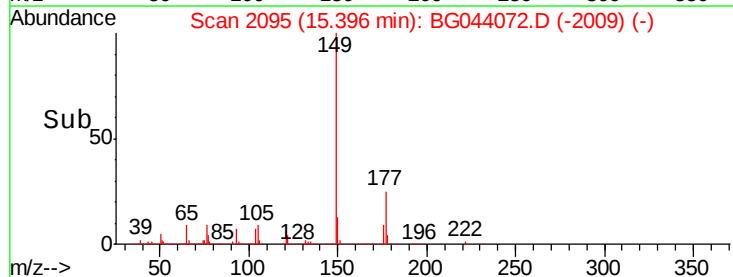
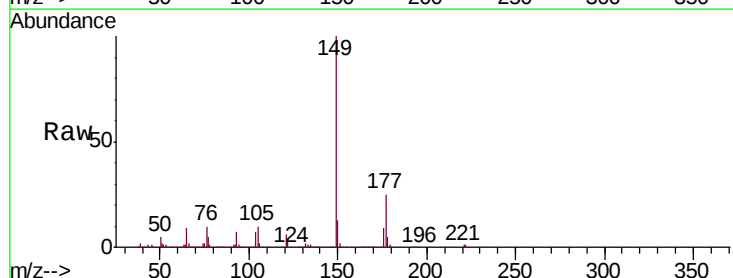
Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

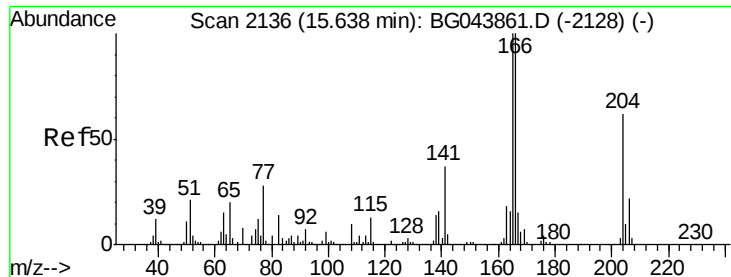
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 244643 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 44.6  | 38.2  | 57.2   |
| 130      | 2.6   | 2.2   | 3.2    |
| 166      | 32.0  | 26.4  | 39.6   |



#60  
Diethylphthalate  
Concen: 43.417 ng  
RT: 15.40 min Scan# 2095  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 885990 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.5  | 20.0  | 30.0   |
| 150      | 13.4  | 11.1  | 16.7   |

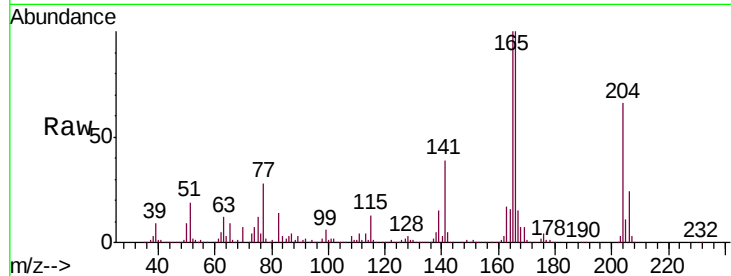




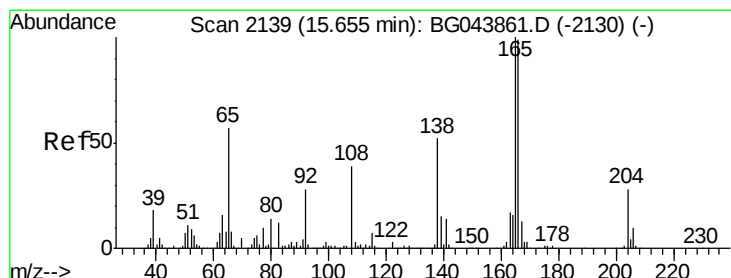
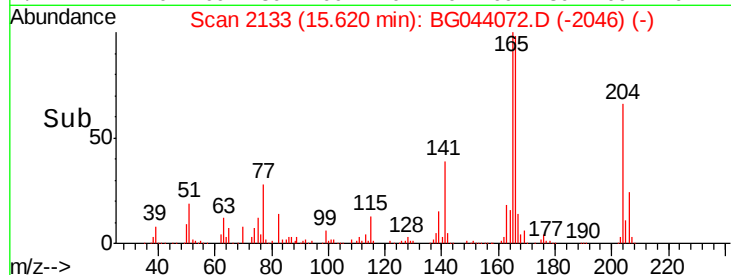
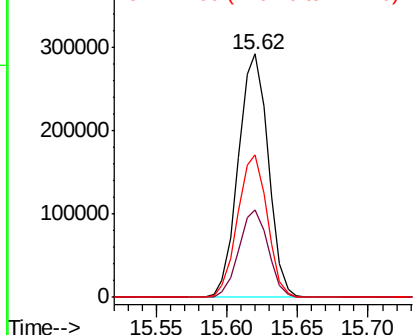
#61  
4-Chlorophenyl-phenylether  
Concen: 43.411 ng  
RT: 15.62 min Scan# 2133  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
BW-1-3.0MSD

Tgt Ion:204 Resp: 431591  
Ion Ratio Lower Upper  
204 100  
206 35.7 28.2 42.2  
141 58.7 48.2 72.2

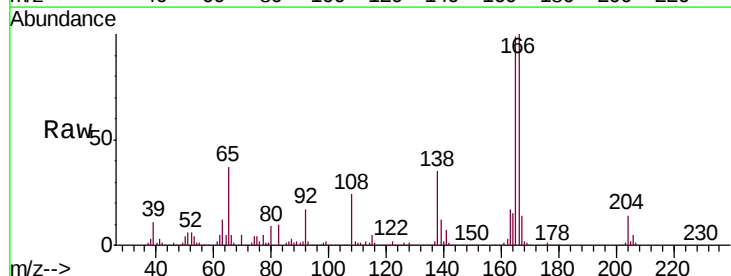


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

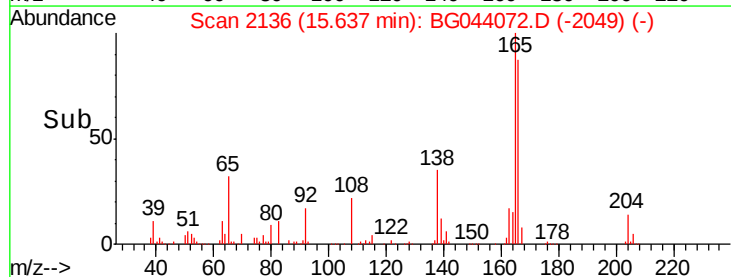
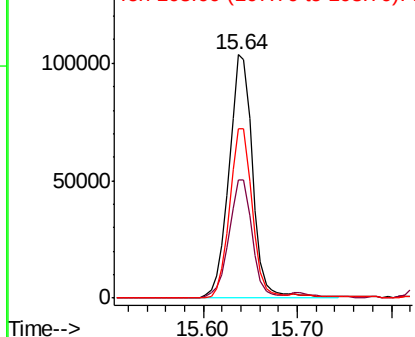


#62  
4-Nitroaniline  
Concen: 35.161 ng  
RT: 15.64 min Scan# 2136  
Delta R.T. -0.02 min  
Lab File: BG044072.D  
Acq: 16 Jan 2020 17:20

Tgt Ion:138 Resp: 181830  
Ion Ratio Lower Upper  
138 100  
92 48.3 34.3 74.3  
108 69.8 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: 43.323 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

BW-1-3.0MSD

Tgt Ion: 77 Resp: 819895

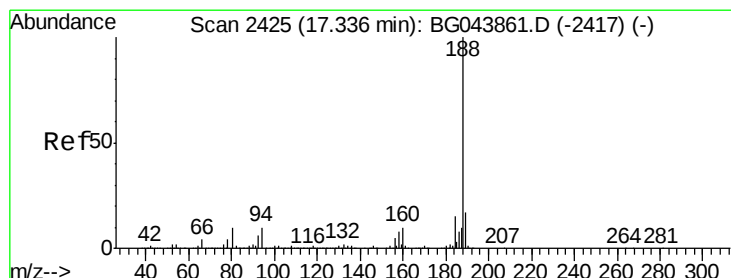
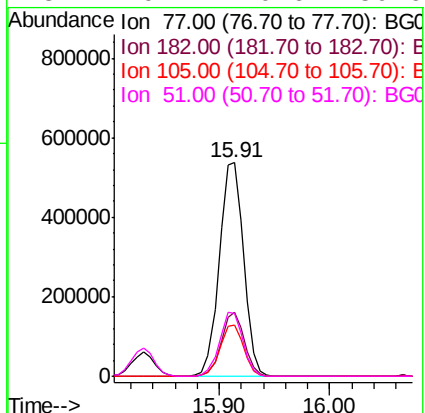
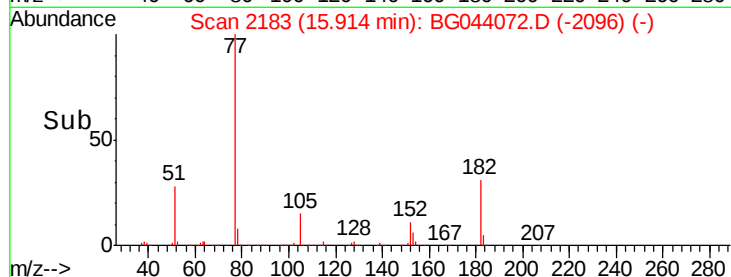
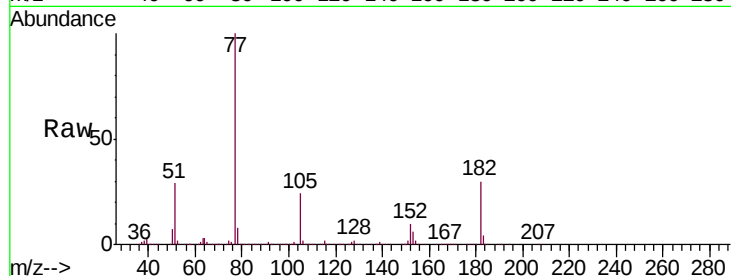
Ion Ratio Lower Upper

77 100

182 29.8 7.3 47.3

105 24.0 3.2 43.2

51 29.4 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Tgt Ion: 188 Resp: 576000

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 9.5 8.2 12.4

