

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\  
 Data File : BG044712.D  
 Acq On : 10 Mar 2020 13:07  
 Operator : CG/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 10 14:10:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 14:03:59 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 101278   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 398870   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.69 | 164  | 262757   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 581669   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.71 | 240  | 500453   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.93 | 264  | 592906   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 674128  | 99.97  | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 974017  | 95.55  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 932392  | 106.43 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.18 | 330 | 356791  | 98.85  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.32 | 172 | 1884844 | 99.93  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.05 | 244 | 2624315 | 93.60  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 163249  | 50.503 | ng | 98     |
| 3) Pyridine                    | 3.92  | 79  | 493492  | 49.240 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 183776  | 43.349 | ng | 96     |
| 6) Aniline                     | 7.38  | 93  | 605431  | 47.413 | ng | 98     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 331319  | 48.475 | ng | 98     |
| 9) Benzaldehyde                | 7.19  | 77  | 278504  | 46.550 | ng | 99     |
| 10) Phenol                     | 7.24  | 94  | 478746  | 47.678 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 380676  | 49.340 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 408468  | 50.251 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 404563  | 49.818 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 380235  | 49.533 | ng | 96     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 398451  | 45.311 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 667626  | 45.801 | ng | 99     |
| 17) 2-Methylphenol             | 8.49  | 107 | 331369  | 48.163 | ng | 95     |
| 18) Hexachloroethane           | 9.15  | 117 | 158159  | 48.558 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.87  | 70  | 341550  | 44.852 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 445090  | 46.438 | ng | 98     |
| 22) Acetophenone               | 8.88  | 105 | 567260  | 48.716 | ng | # 99   |
| 24) Nitrobenzene               | 9.26  | 77  | 485995  | 52.324 | ng | 99     |
| 25) Isophorone                 | 9.79  | 82  | 917498  | 47.492 | ng | 98     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 164753  | 54.242 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 294904  | 48.655 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 540352  | 49.682 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 356692  | 51.722 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 410119  | 51.196 | ng | 95     |
| 31) Naphthalene                | 10.92 | 128 | 1119573 | 50.016 | ng | 99     |
| 32) Benzoic acid               | 10.18 | 122 | 219963  | 51.747 | ng | 98     |
| 33) 4-Chloroaniline            | 11.01 | 127 | 503355  | 48.822 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 268499  | 49.058 | ng | 98     |
| 35) Caprolactam                | 11.79 | 113 | 130701  | 45.401 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 417641  | 47.820 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 842761  | 49.891 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 789092  | 49.415 | ng | 95     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 441703  | 51.782 | ng | 100    |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

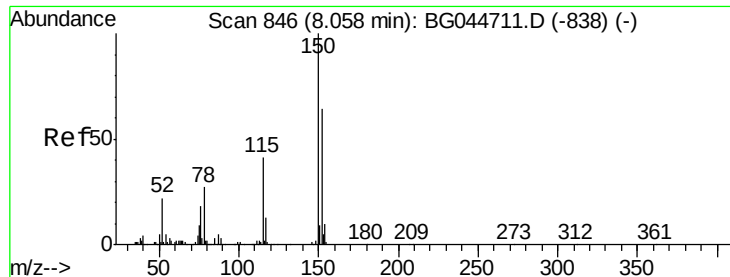
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 10 14:10:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 14:03:59 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 247282   | 49.576 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 305316   | 51.631 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 316354   | 52.165 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 1072305  | 51.310 | ng    | 96       |
| 47) 2-Chloronaphthalene        | 13.57 | 162  | 830515   | 52.098 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 300557   | 55.903 | ng    | 97       |
| 49) Acenaphthylene             | 14.42 | 152  | 1299105  | 50.866 | ng    | 99       |
| 50) Dimethylphthalate          | 14.15 | 163  | 1076179  | 49.266 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 221341   | 56.390 | ng    | 98       |
| 52) Acenaphthene               | 14.76 | 154  | 852589   | 51.628 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.58 | 138  | 256439   | 56.690 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 98689    | 54.151 | ng    | # 74     |
| 55) Dibenzofuran               | 15.09 | 168  | 1218335  | 49.236 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.88 | 139  | 201905   | 57.366 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 311258   | 59.346 | ng    | 95       |
| 58) Fluorene                   | 15.74 | 166  | 996848   | 48.706 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.23 | 232  | 291022   | 50.421 | ng    | 99       |
| 60) Diethylphthalate           | 15.51 | 149  | 1126998  | 48.256 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 540469   | 48.666 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.75 | 138  | 269983   | 54.187 | ng    | 98       |
| 63) Azobenzene                 | 16.03 | 77   | 1164491  | 47.646 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 136662   | 57.510 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.94 | 169  | 897988   | 50.493 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.63 | 248  | 372753   | 50.812 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 407464   | 51.439 | ng    | 96       |
| 69) Atrazine                   | 16.90 | 200  | 337470   | 49.102 | ng    | 99       |
| 70) Pentachlorophenol          | 17.08 | 266  | 233051   | 51.848 | ng    | 95       |
| 71) Phenanthrene               | 17.48 | 178  | 1602671  | 50.249 | ng    | 99       |
| 72) Anthracene                 | 17.57 | 178  | 1575935  | 50.166 | ng    | 99       |
| 73) Carbazole                  | 17.84 | 167  | 1510582  | 50.211 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 1851572  | 48.867 | ng    | 99       |
| 75) Fluoranthene               | 19.49 | 202  | 1891035  | 49.058 | ng    | 99       |
| 77) Benzidine                  | 19.66 | 184  | 779672   | 39.027 | ng    | 100      |
| 78) Pyrene                     | 19.84 | 202  | 1904515  | 49.893 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 866314   | 50.845 | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.69 | 228  | 1857511  | 49.494 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.61 | 252  | 734341   | 49.144 | ng    | 99       |
| 83) Chrysene                   | 21.76 | 228  | 1772609  | 49.622 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 1182346  | 49.761 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 2012438  | 49.321 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.60 | 276  | 2336998  | 49.536 | ng    | # 95     |
| 88) Benzo(b)fluoranthene       | 23.92 | 252  | 2006177  | 49.716 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.99 | 252  | 1890647  | 49.984 | ng    | 100      |
| 90) Benzo(a)pyrene             | 24.79 | 252  | 1894139  | 50.399 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.68 | 278  | 1833575  | 48.926 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.75 | 276  | 1860177  | 49.553 | ng    | 99       |

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



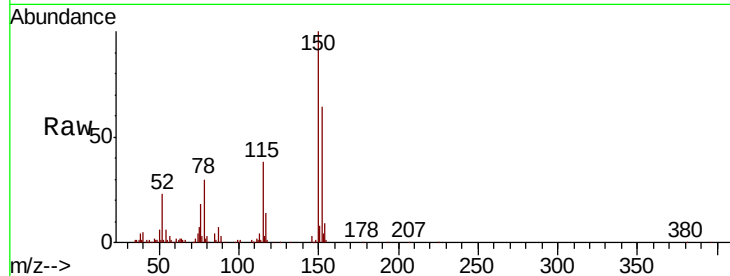


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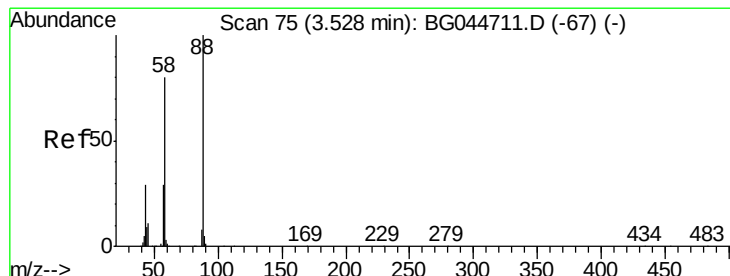
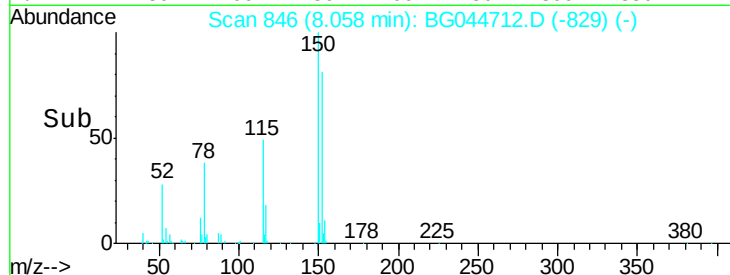
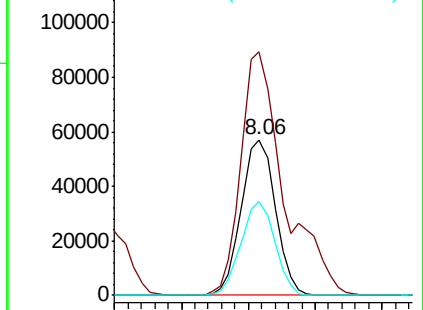
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.4 | 125.3 | 187.9 |
| 115     | 60.0  | 51.7  | 77.5  |



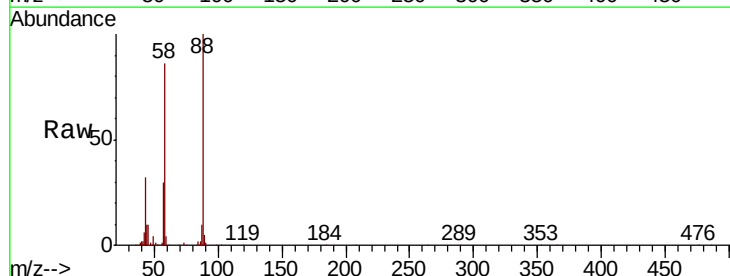
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



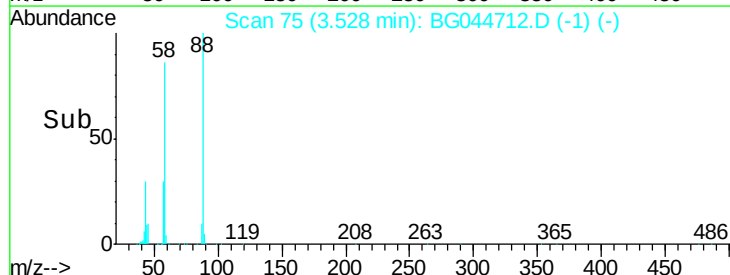
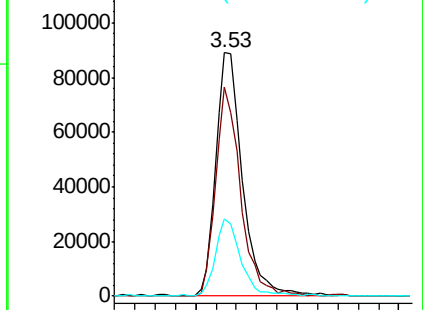
#2

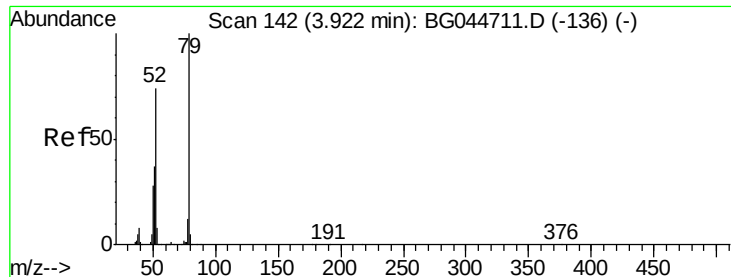
1,4-Dioxane  
Concen: 50.503 ng  
RT: 3.53 min Scan# 75  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 80.2  | 63.0  | 94.4  |
| 43      | 29.9  | 23.2  | 34.8  |



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





#3

Pvridine

Concen: 49.240 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

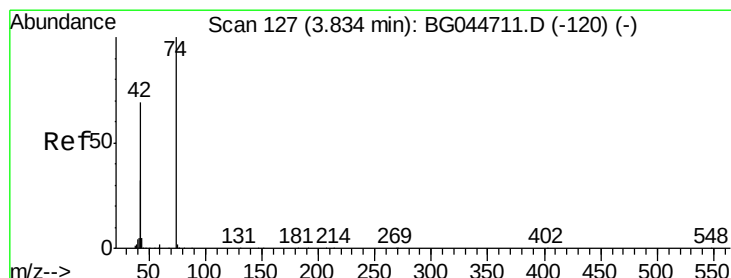
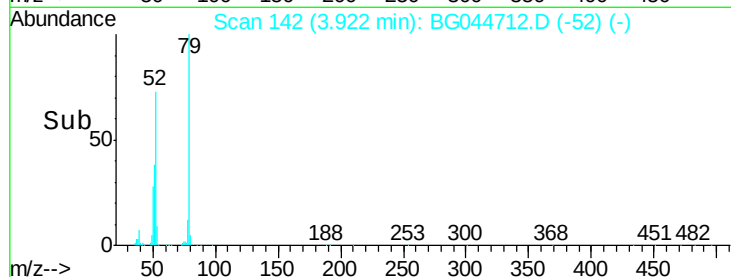
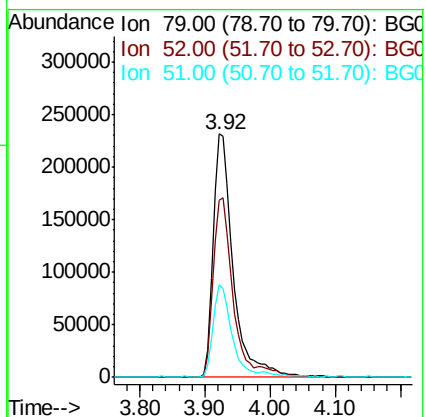
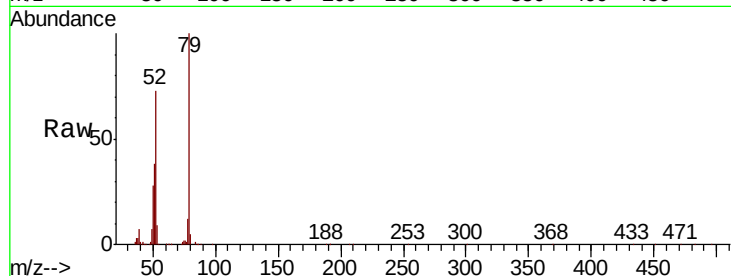
Tot Ion: 79 Resp: 493492

Ion Ratio Lower Upper

79 100

52 72.8 59.4 89.2

51 38.1 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 43.349 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

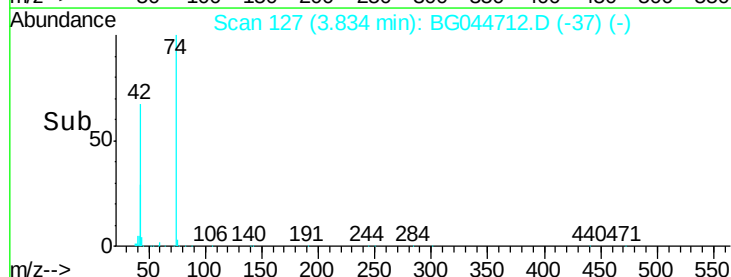
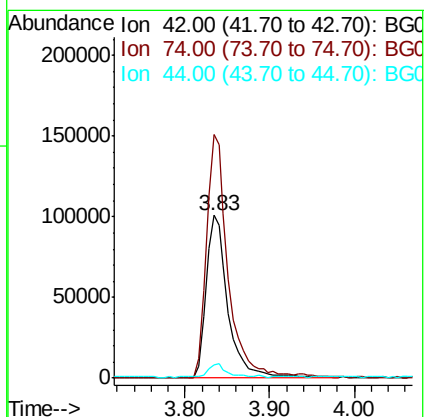
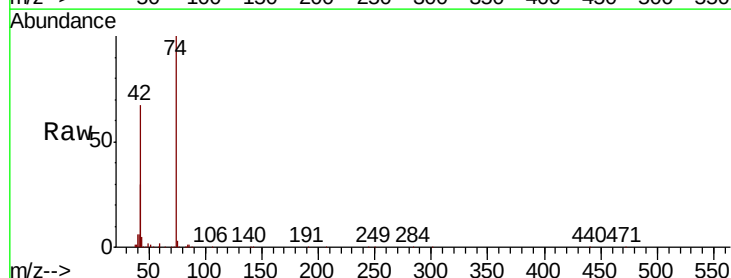
Tgt Ion: 42 Resp: 183776

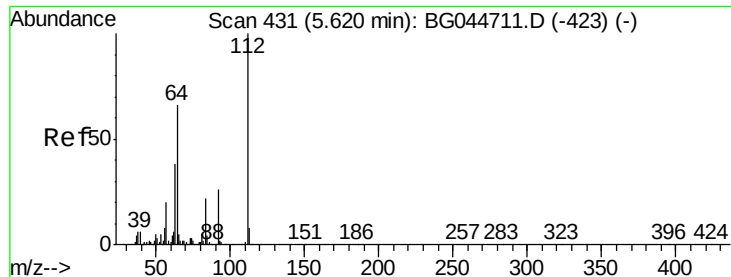
Ion Ratio Lower Upper

42 100

74 149.8 116.1 174.1

44 8.0 7.1 10.7





#5

2-Fluorophenol

Concen: 99.965 ng

RT: 5.62 min Scan# 431

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampled :

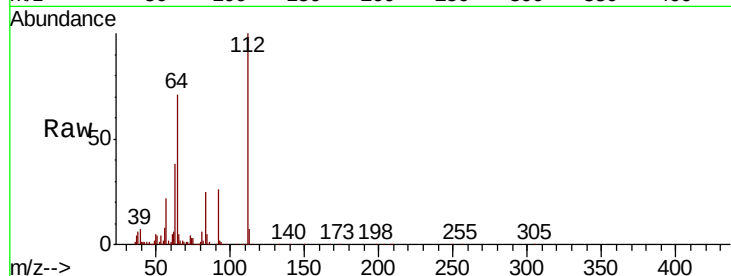
Tot Ion:112 Resp: 674128

Ion Ratio Lower Upper

112 100

64 70.9 52.6 78.8

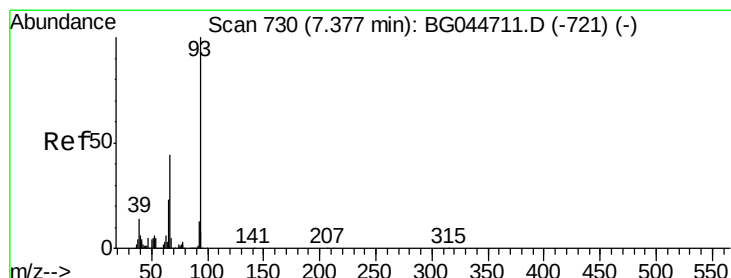
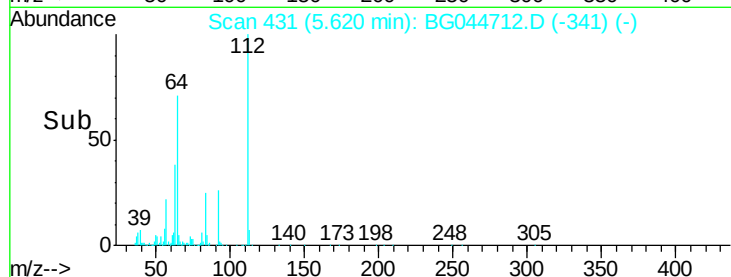
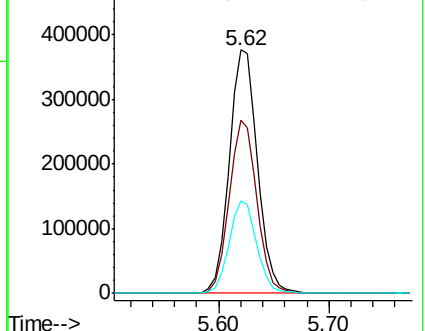
63 38.0 30.2 45.4



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: 47.413 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

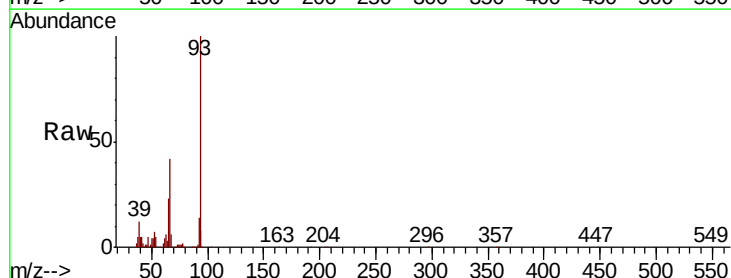
Tgt Ion: 93 Resp: 605431

Ion Ratio Lower Upper

93 100

66 42.1 35.3 52.9

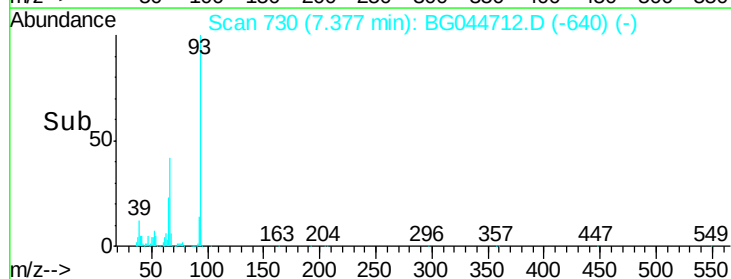
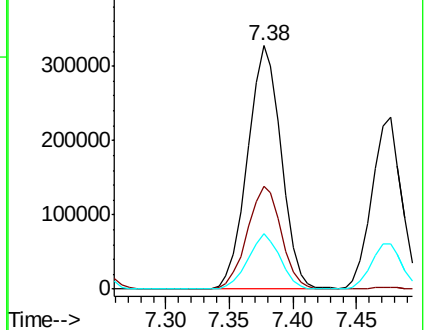
65 22.5 18.2 27.4

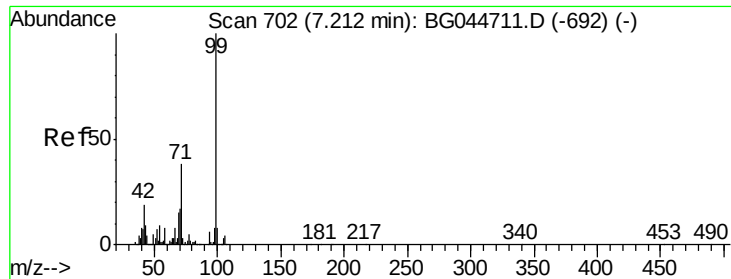


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.554 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

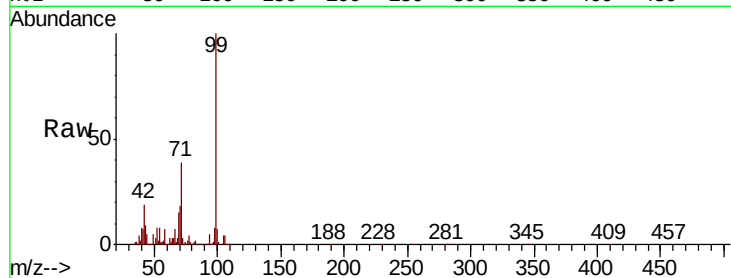
Tot Ion: 99 Resp: 974017

Ion Ratio Lower Upper

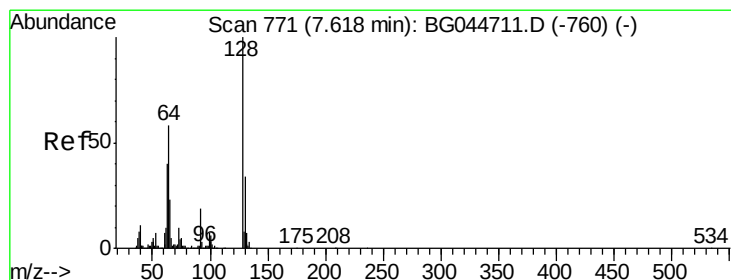
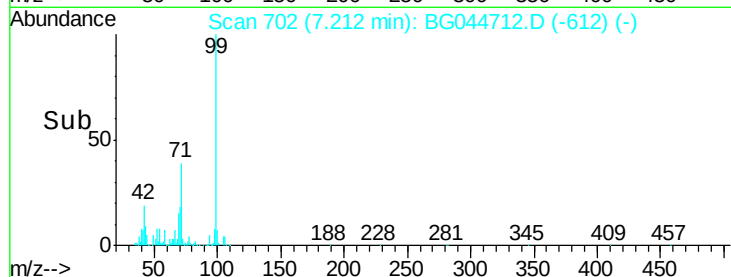
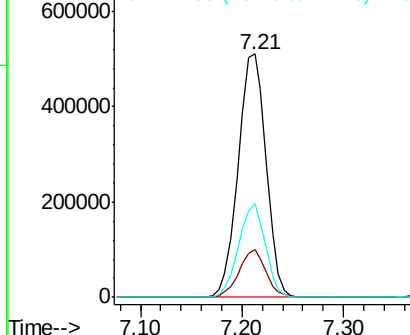
99 100

42 19.4 15.4 23.0

71 38.8 30.2 45.4



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: 48.475 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

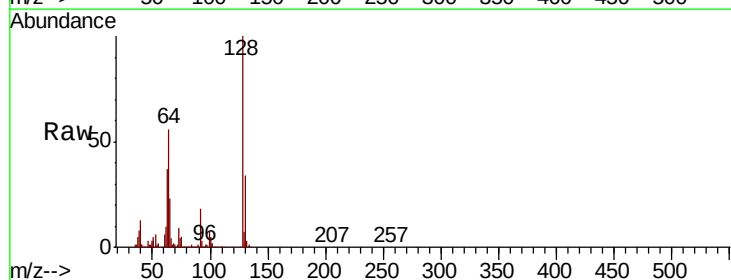
Tgt Ion:128 Resp: 331319

Ion Ratio Lower Upper

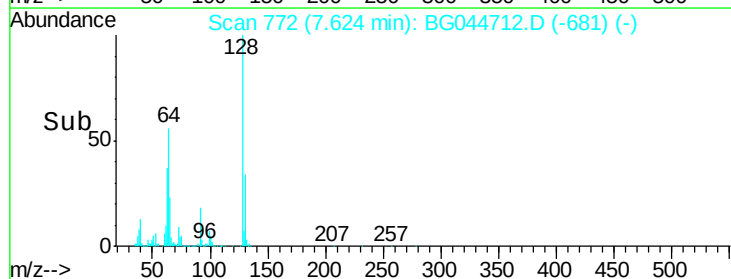
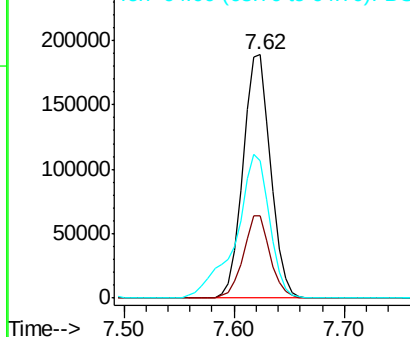
128 100

130 33.9 13.6 53.6

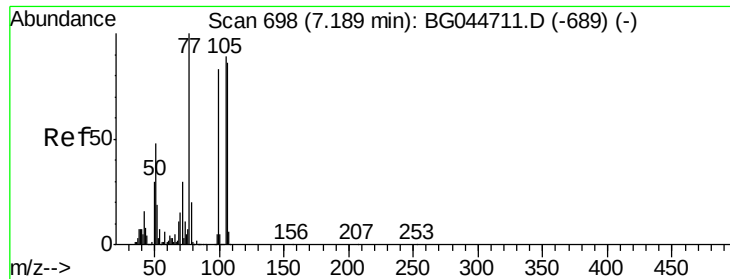
64 56.4 38.6 78.6



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: 46.550 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

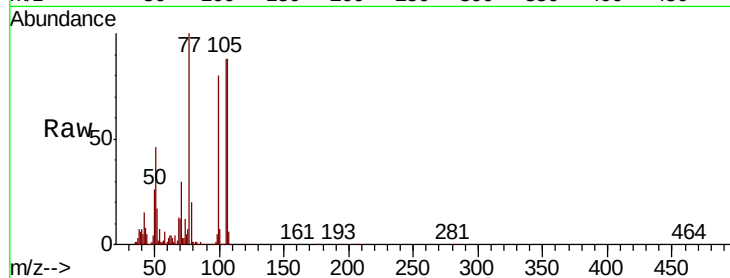
Tot Ion: 77 Resp: 278504

Ion Ratio Lower Upper

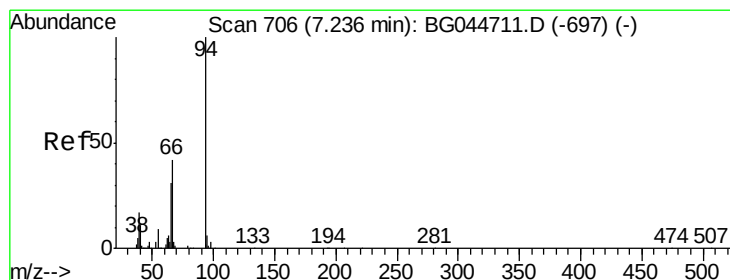
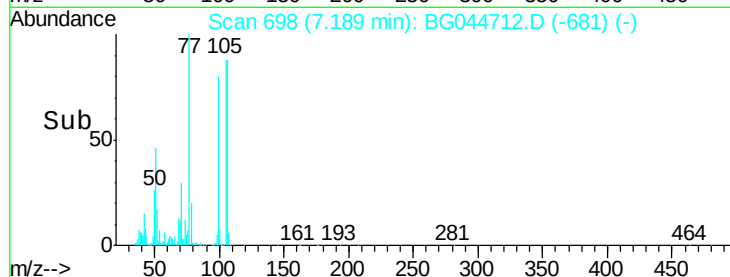
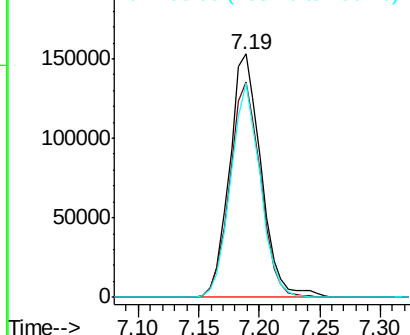
77 100

105 88.3 68.6 108.6

106 88.2 65.9 105.9



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.678 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

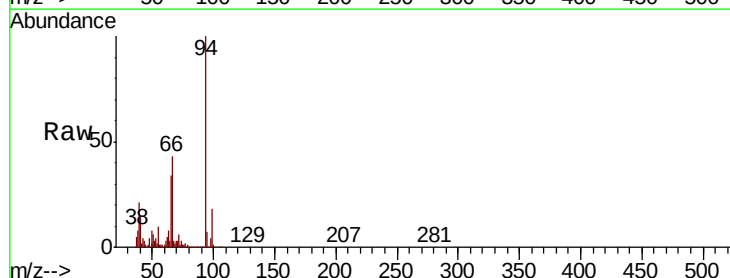
Tgt Ion: 94 Resp: 478746

Ion Ratio Lower Upper

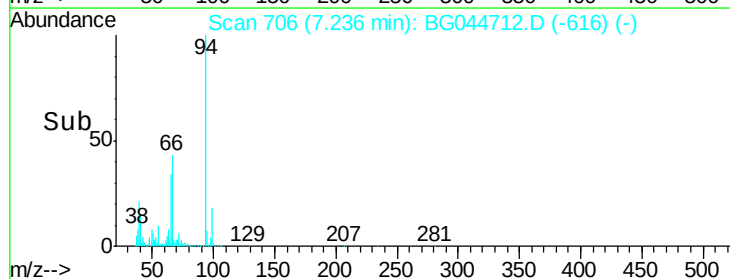
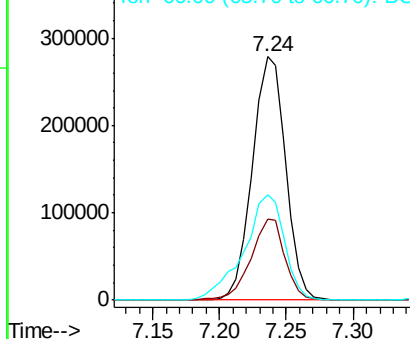
94 100

65 33.5 11.3 51.3

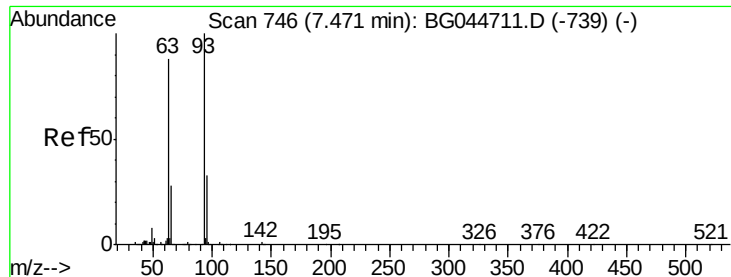
66 43.4 22.9 62.9



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



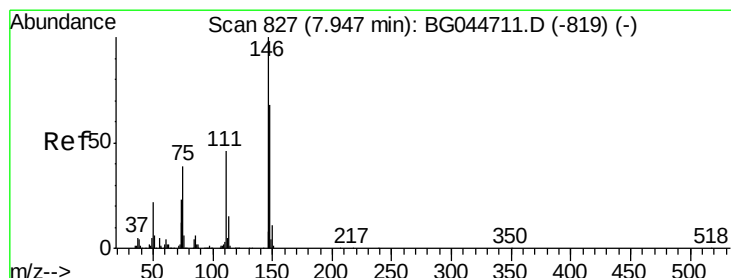
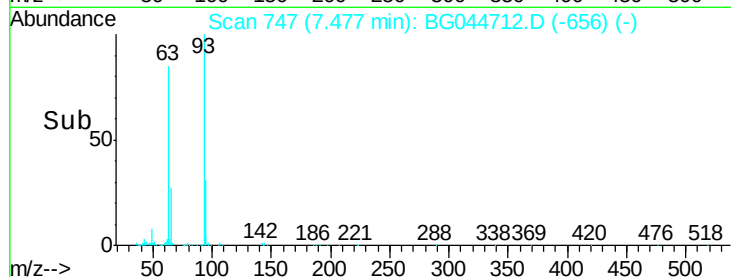
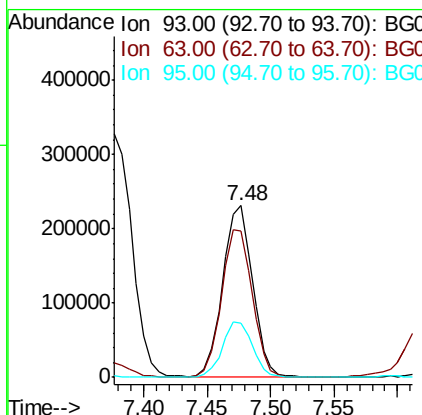
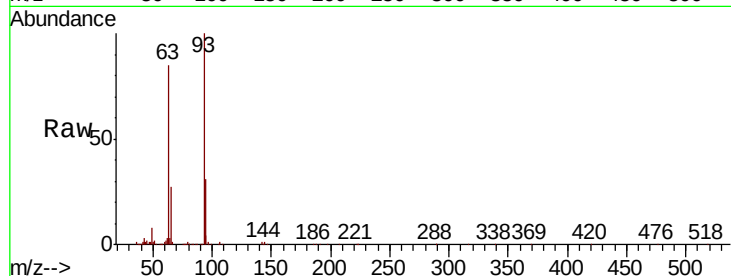




#11  
bis(2-Chloroethyl)ether  
Concen: 49.340 ng  
RT: 7.48 min Scan# 747  
Delta R.T. 0.01 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

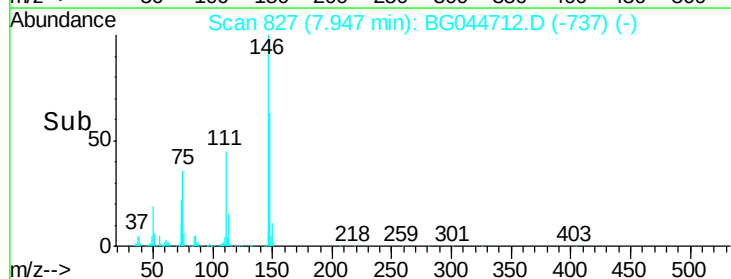
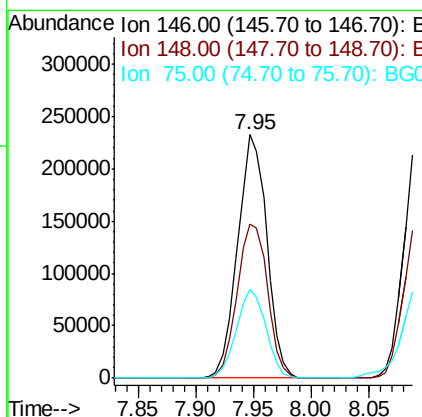
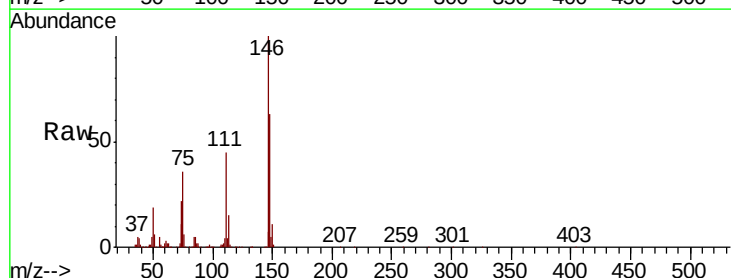
Instrument :  
BNA\_G  
ClientSampleId :

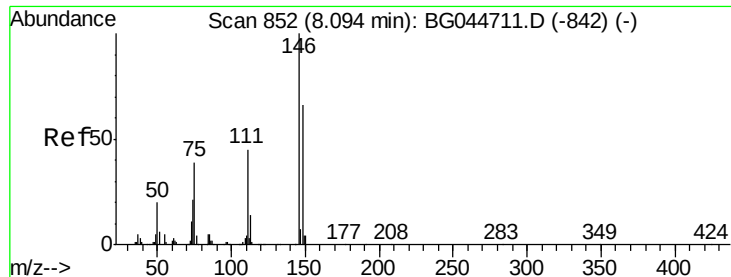
| Tot Ion   | 93    | Resp  | 380676 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 85.3  | 68.1  | 108.1  |
| 95        | 31.2  | 12.4  | 52.4   |



#12  
1,3-Dichlorobenzene  
Concen: 50.251 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

| Tgt Ion   | 146   | Resp  | 408468 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 54.2  | 81.2   |
| 75        | 36.4  | 31.3  | 46.9   |

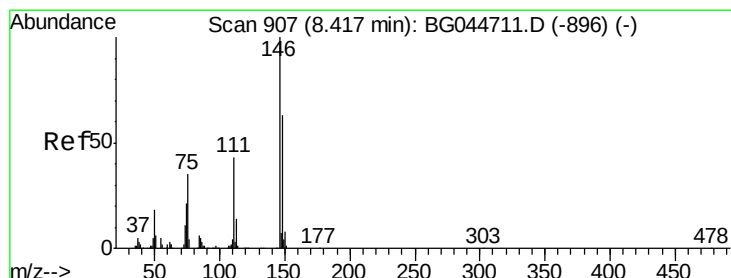
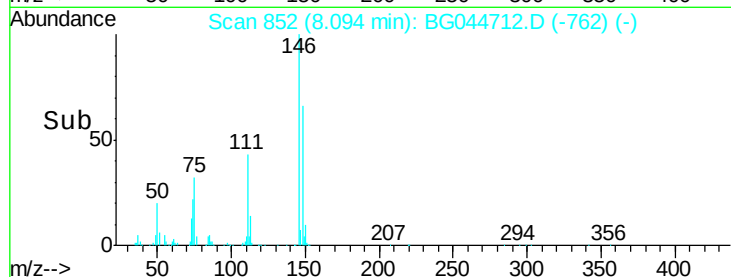
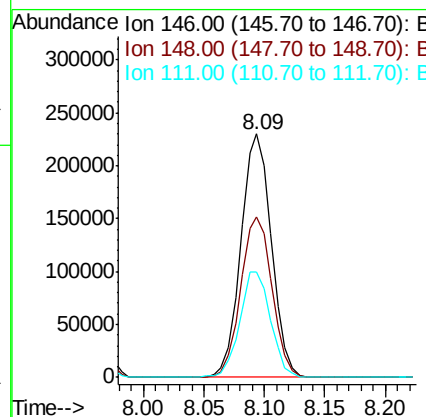
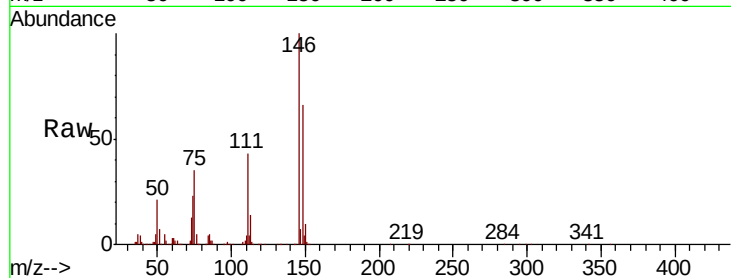




#13  
 1,4-Dichlorobenzene  
 Concen: 49.818 ng  
 RT: 8.09 min Scan# 852  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

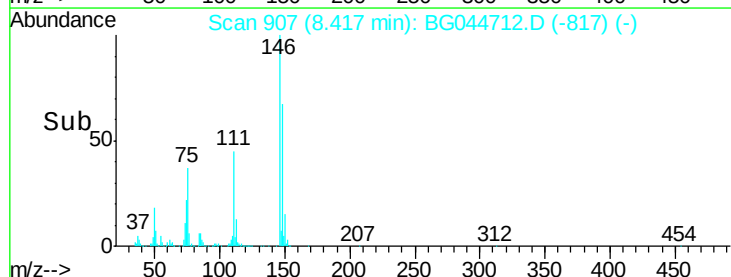
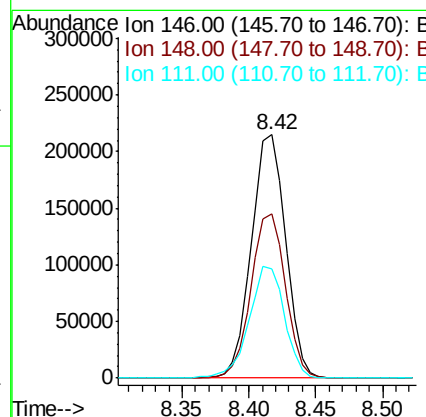
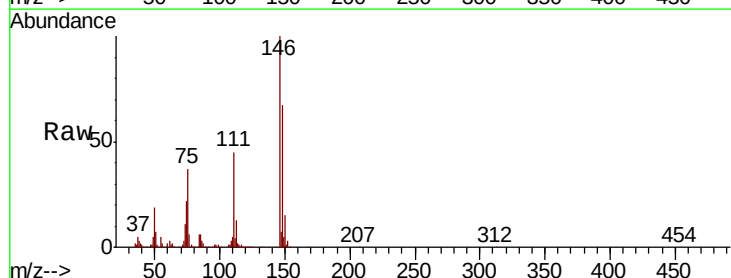
Instrument :  
 BNA\_G  
 ClientSampleId :

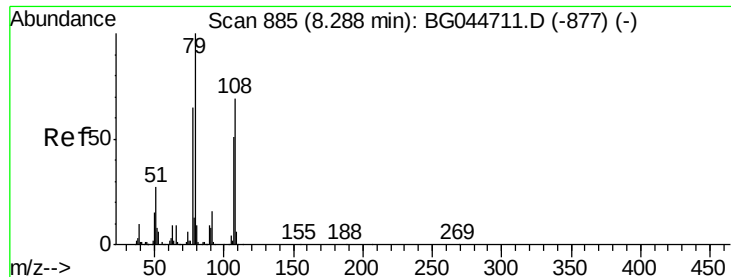
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.9  | 52.9  | 79.3  |
| 111     | 43.3  | 35.6  | 53.4  |



#14  
 1,2-Dichlorobenzene  
 Concen: 49.533 ng  
 RT: 8.42 min Scan# 907  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.5  | 50.8  | 76.2  |
| 111     | 44.9  | 34.8  | 52.2  |





#15

Benzyl Alcohol

Concen: 45.311 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampled :

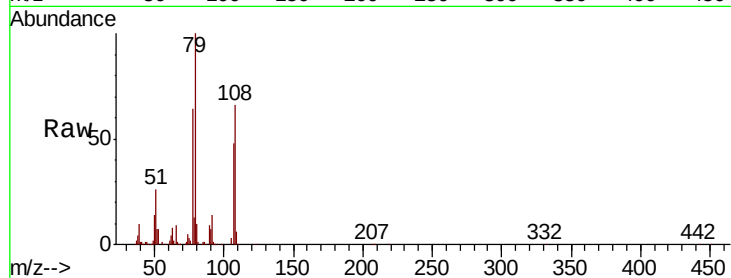
Tot Ion: 79 Resp: 398451

Ion Ratio Lower Upper

79 100

108 65.6 55.4 83.0

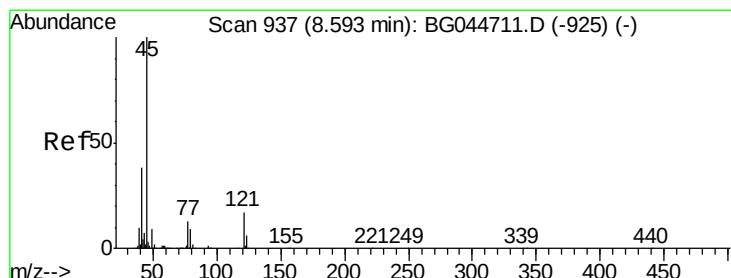
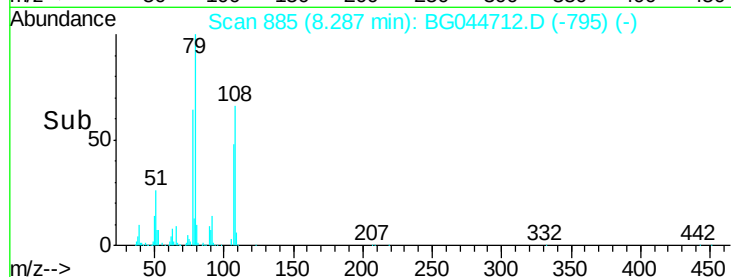
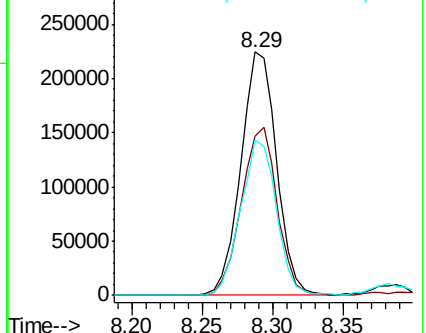
77 63.5 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.801 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

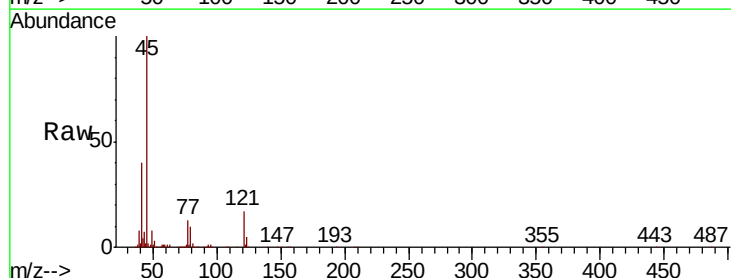
Tgt Ion: 45 Resp: 667626

Ion Ratio Lower Upper

45 100

77 12.7 0.0 33.4

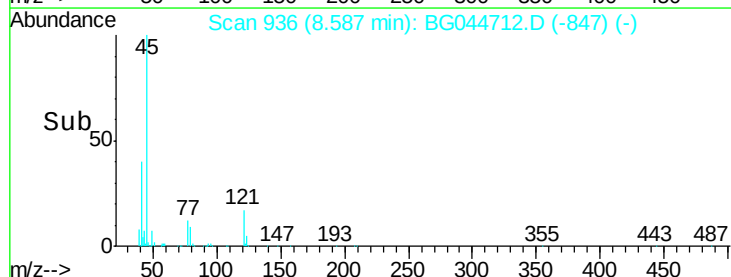
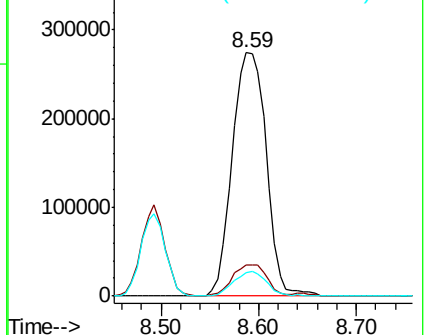
79 9.8 0.0 30.0

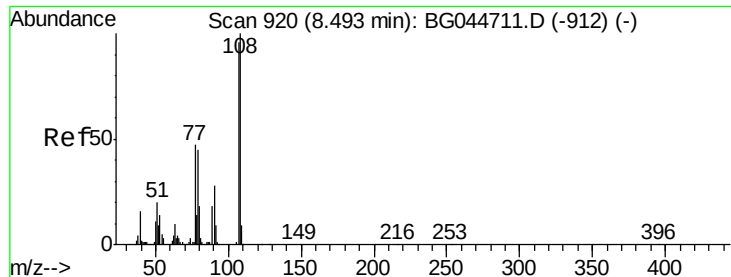


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.163 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 331369

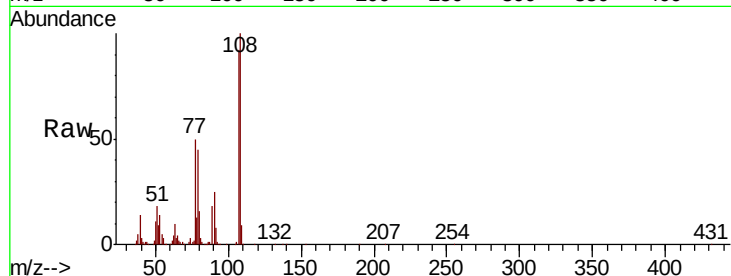
Ion Ratio Lower Upper

107 100

108 108.5 83.2 124.8

77 53.9 39.0 58.6

79 48.4 37.6 56.4

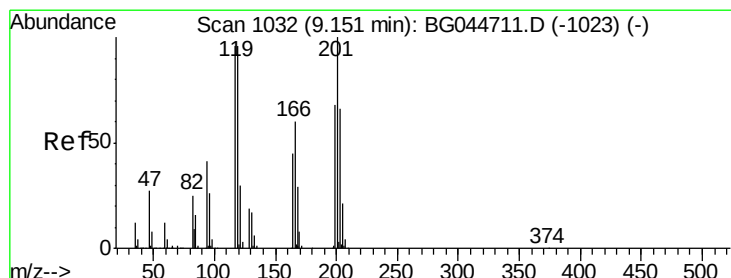
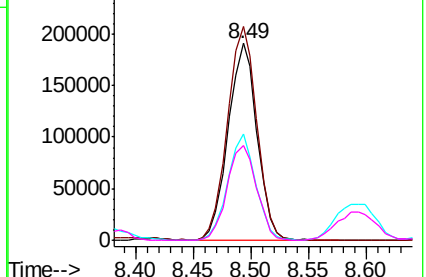
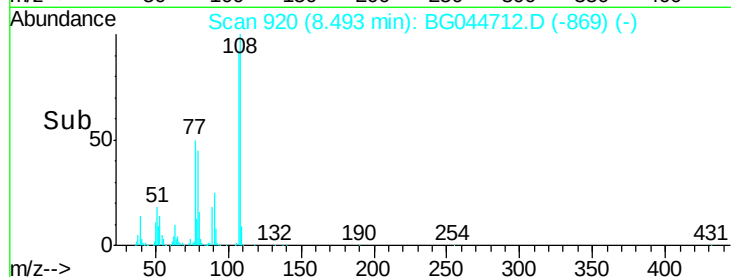


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.558 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

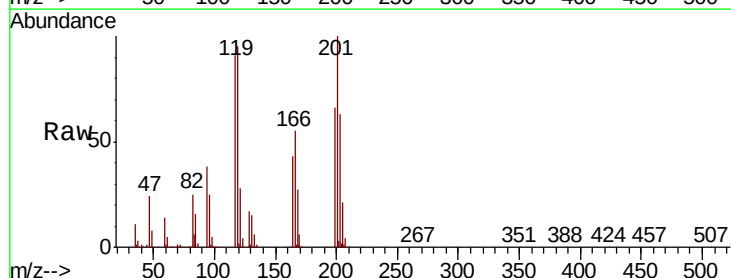
Tgt Ion:117 Resp: 158159

Ion Ratio Lower Upper

117 100

119 104.9 80.2 120.4

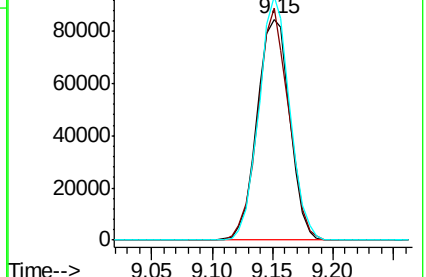
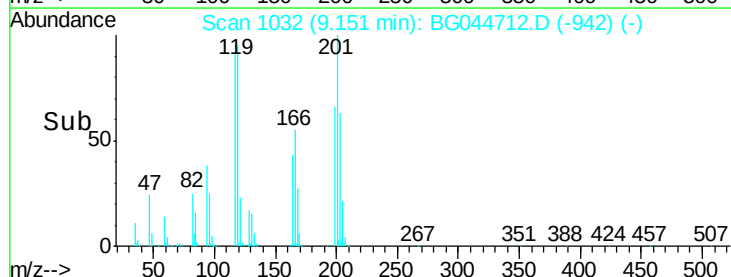
201 110.3 83.4 125.2

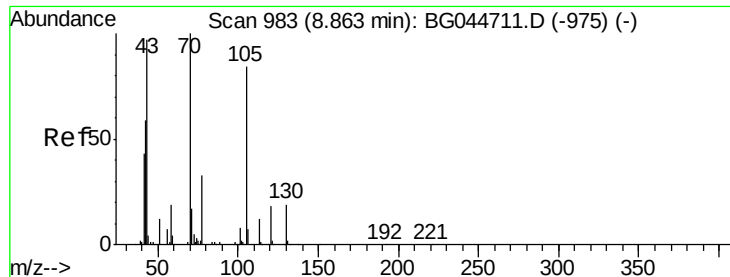


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

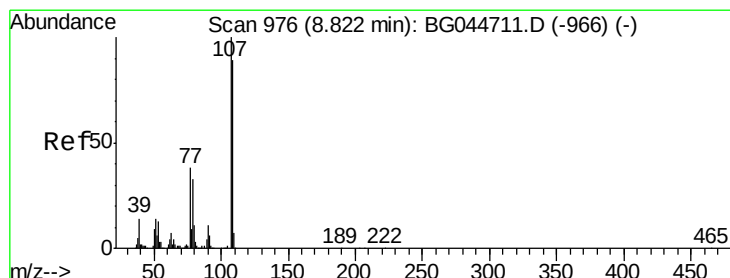
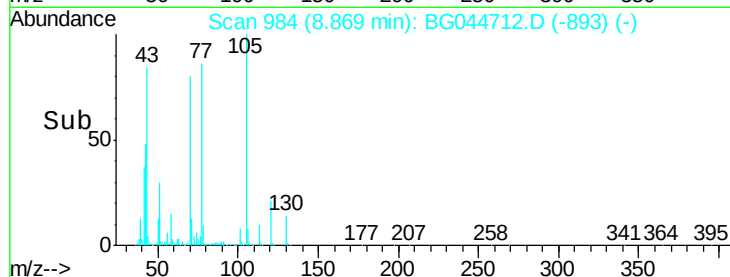
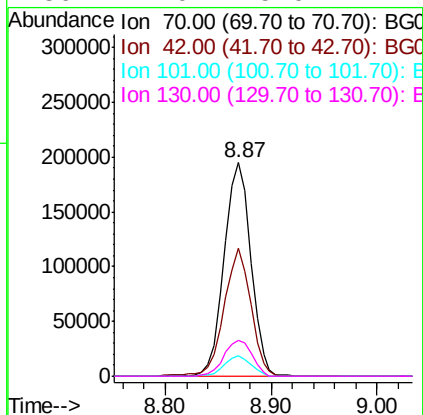
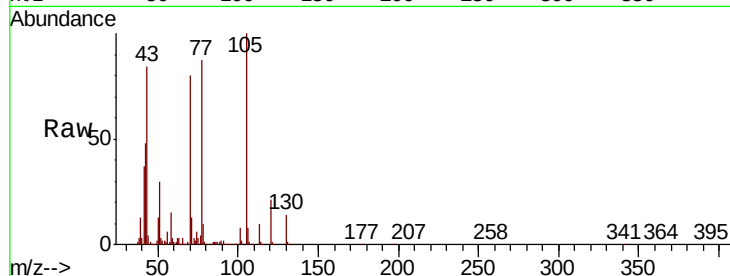




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.852 ng  
RT: 8.87 min Scan# 984  
Delta R.T. 0.01 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

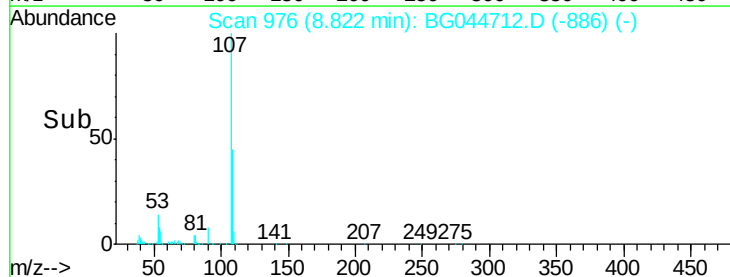
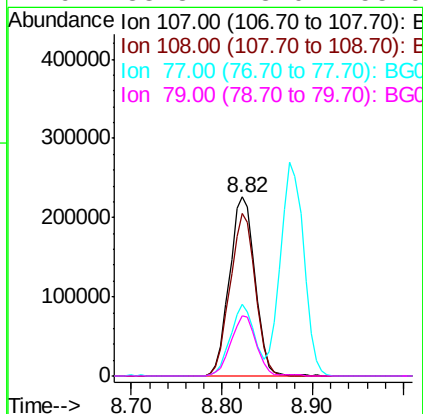
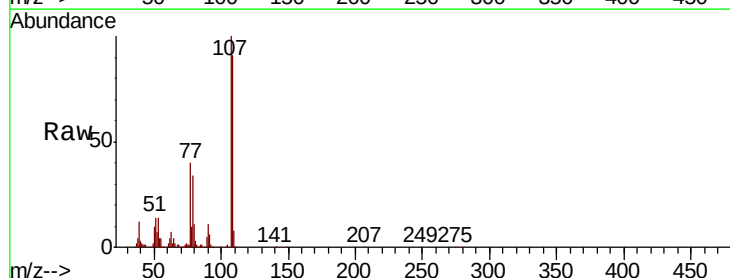
Instrument :  
BNA\_G  
ClientSampled :

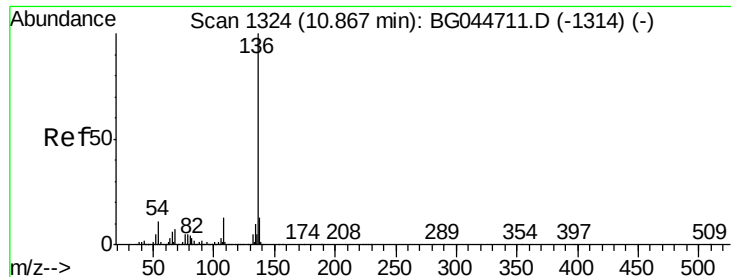
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 341550 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 59.8  | 47.6  | 71.4   |
| 101      | 9.6   | 6.5   | 9.7    |
| 130      | 17.0  | 15.0  | 22.4   |



#20  
3+4-Methylphenols  
Concen: 46.438 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 445090 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.2  | 69.1  | 109.1  |
| 77       | 39.8  | 17.7  | 57.7   |
| 79       | 33.8  | 13.0  | 53.0   |

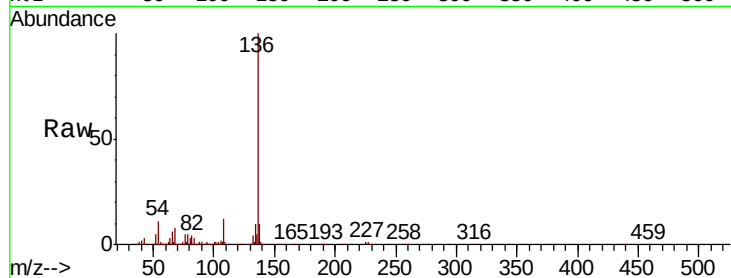




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 398870 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 10.4    | 10.7  | 16.1#  |  |
| 54 10.9     | 9.0   | 13.4   |  |
| 68 7.6      | 5.9   | 8.9    |  |



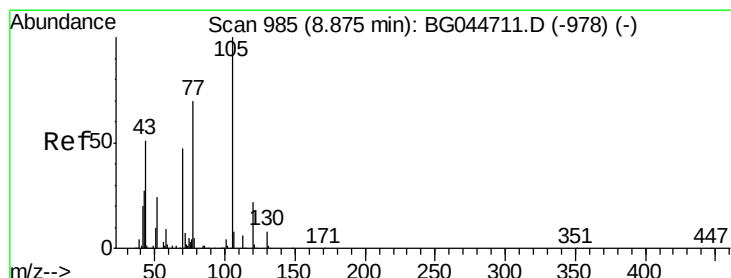
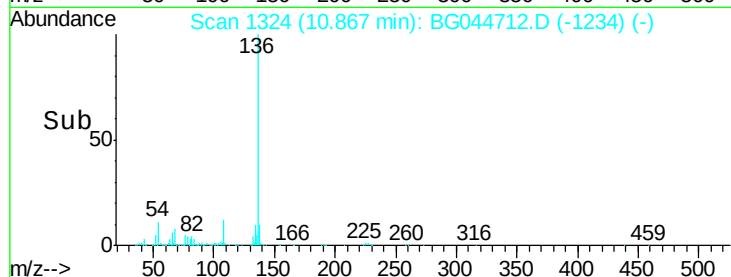
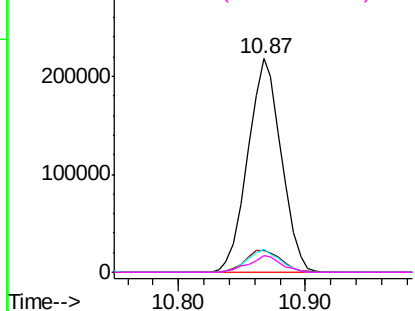
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

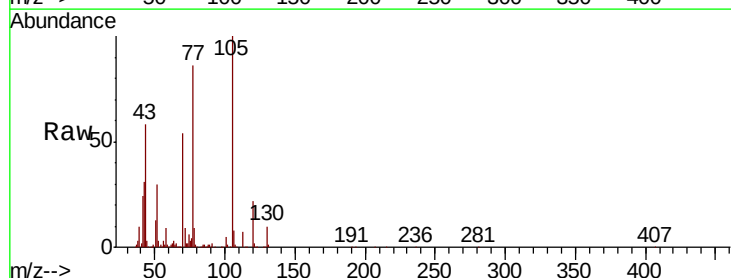
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 48.716 ng  
RT: 8.88 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 567260 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 8.8     | 5.8   | 8.8#   |
| 51  | 30.0    | 23.8  | 35.8   |
| 120 | 22.0    | 17.3  | 25.9   |



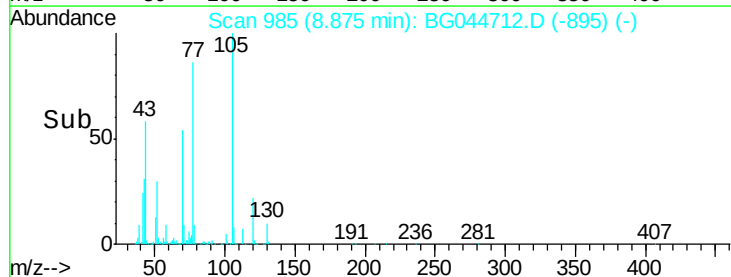
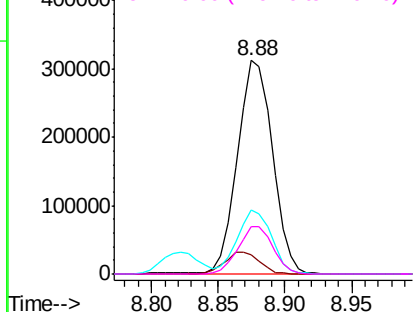
Abundance

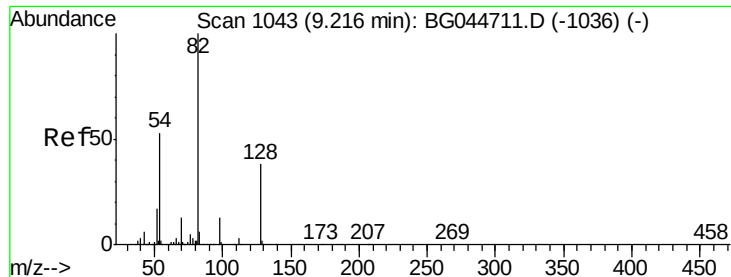
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

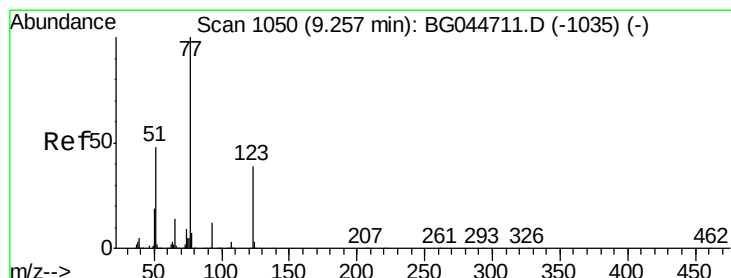
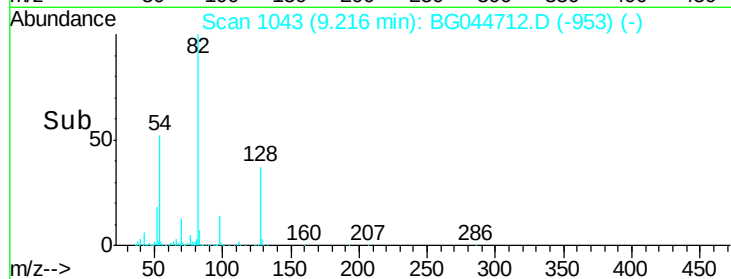
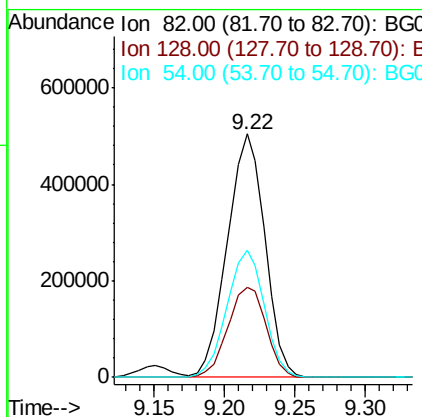
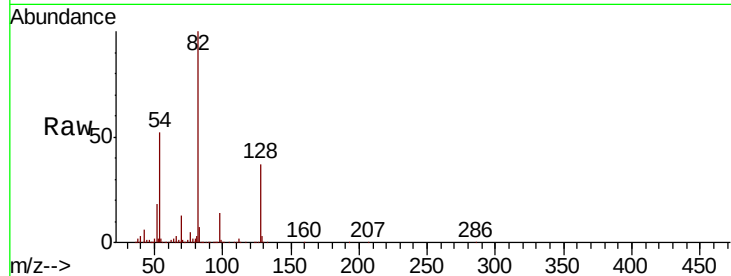




#23  
 Nitrobenzene-d5  
 Concen: 106.432 ng  
 RT: 9.22 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

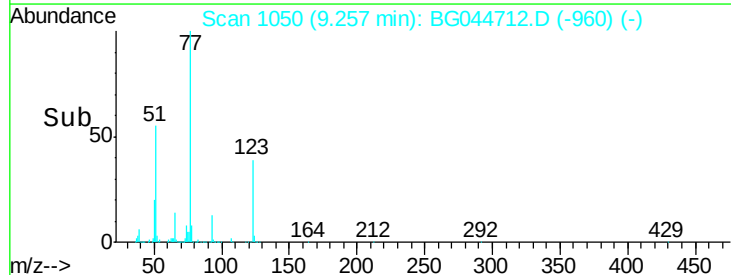
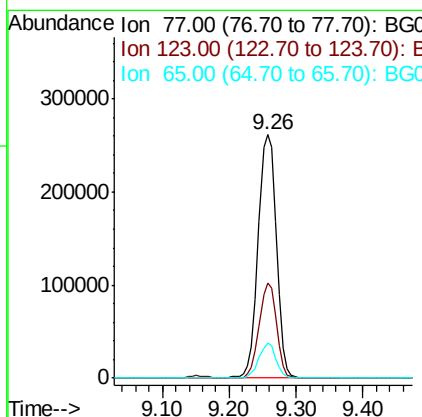
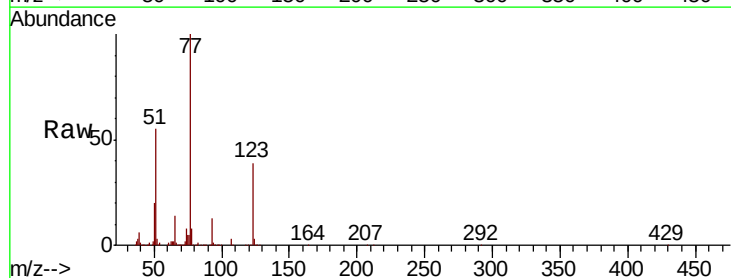
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82    | Resp  | 932392 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.0  | 30.2  | 45.2   |
| 54        | 52.3  | 41.8  | 62.8   |

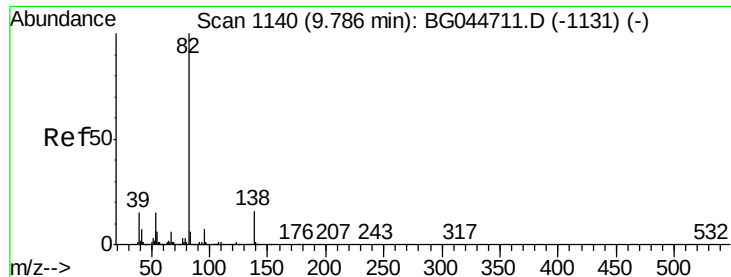


#24  
 Nitrobenzene  
 Concen: 52.324 ng  
 RT: 9.26 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

| Tgt Ion   | 77    | Resp  | 485995 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 38.9  | 31.5  | 47.3   |
| 65        | 14.4  | 11.0  | 16.4   |







#25

Isophorone

Concen: 47.492 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

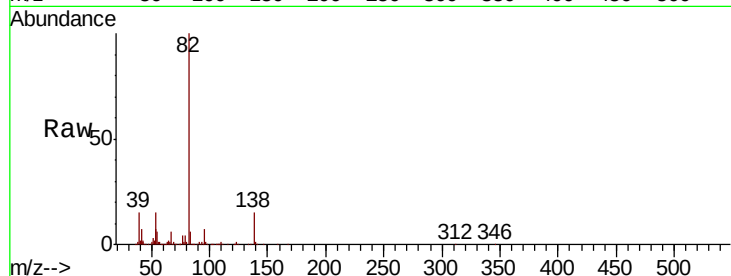
Tot Ion: 82 Resp: 917498

Ion Ratio Lower Upper

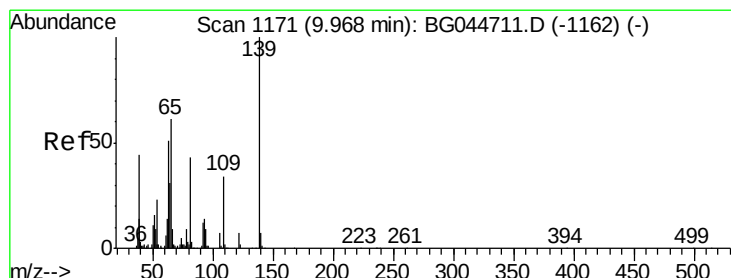
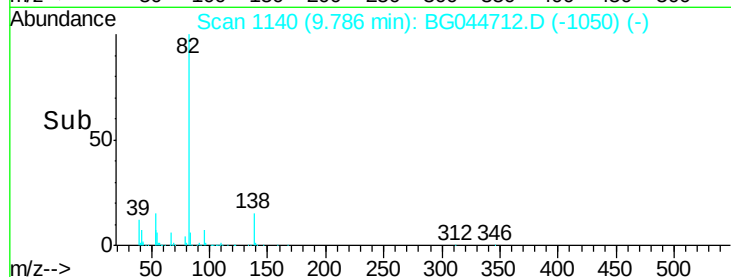
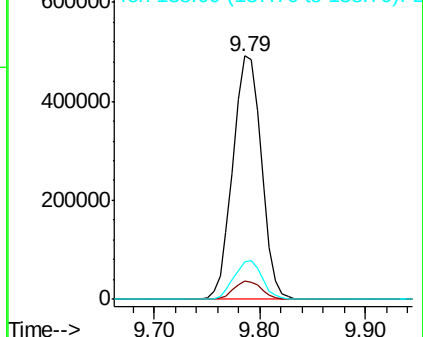
82 100

95 7.4 5.6 8.4

138 15.4 13.0 19.4



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: 54.242 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

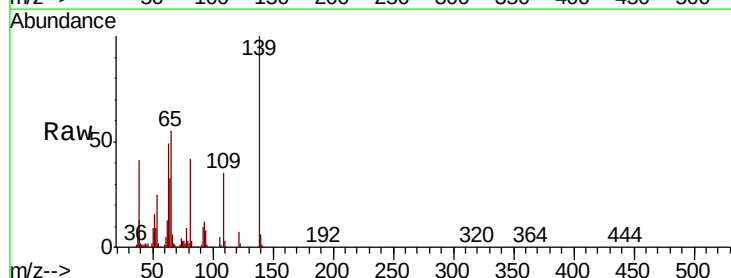
Tgt Ion: 139 Resp: 164753

Ion Ratio Lower Upper

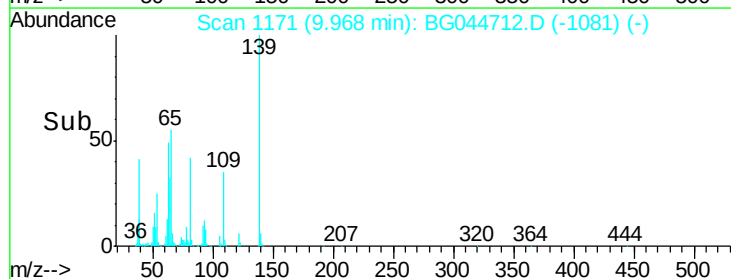
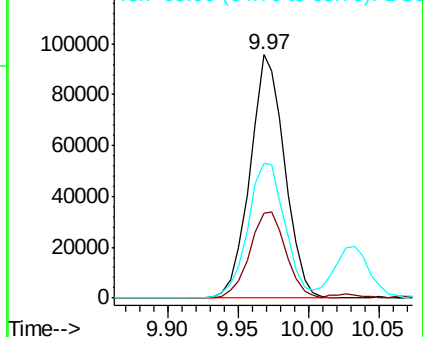
139 100

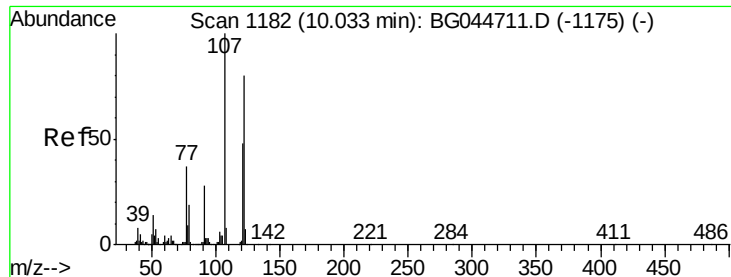
109 35.0 27.0 40.4

65 55.4 48.6 73.0



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

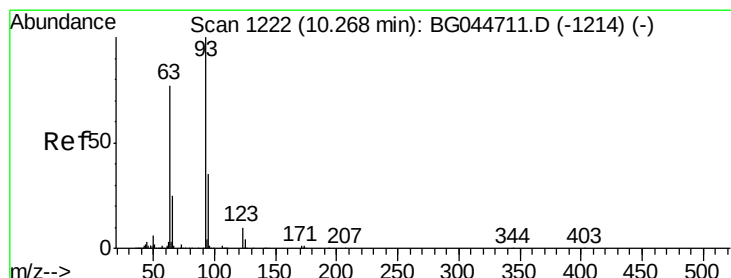
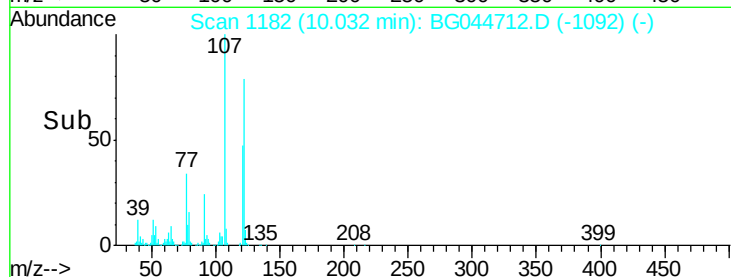
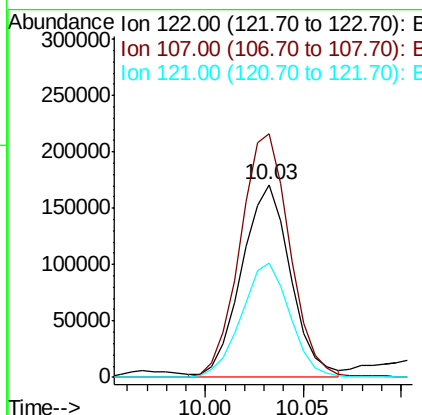
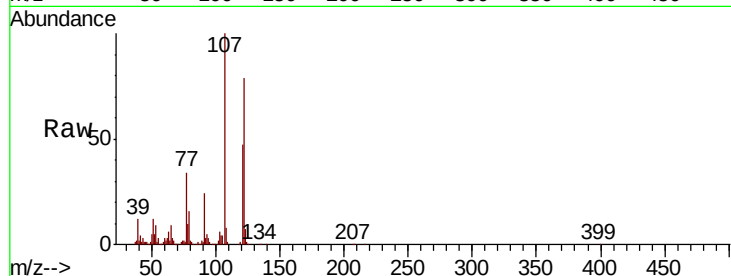




#27  
2,4-Dimethylphenol  
Concen: 48.655 ng  
RT: 10.03 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

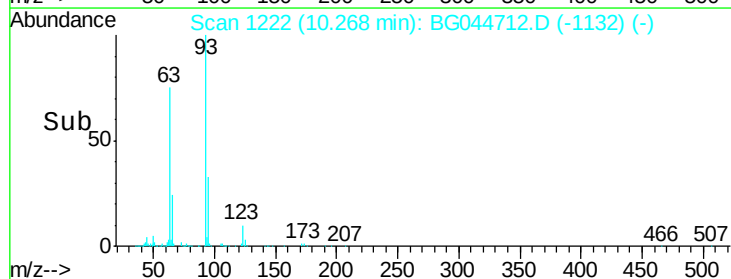
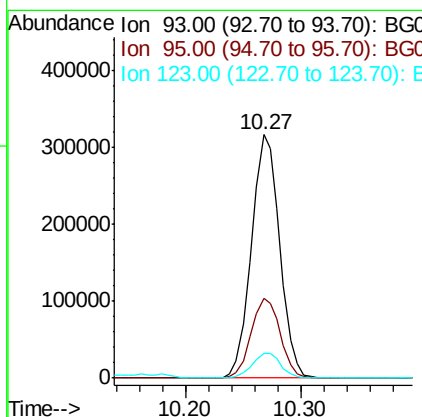
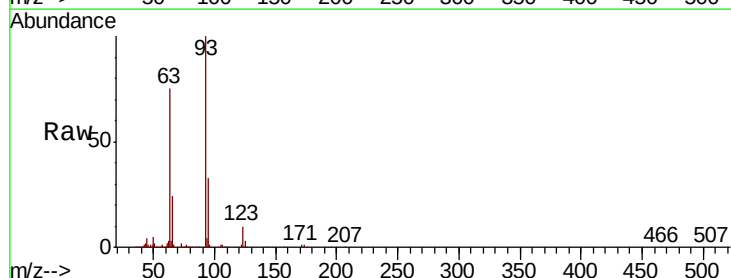
Instrument :  
BNA\_G  
ClientSampled :

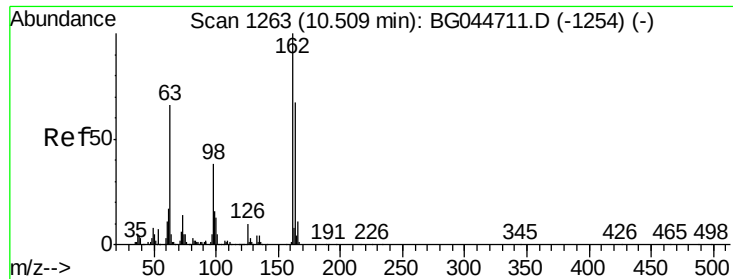
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 126.3 | 99.0  | 148.6 |
| 121     | 59.1  | 47.6  | 71.4  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.682 ng  
RT: 10.27 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 27.7  | 41.5  |
| 123     | 10.1  | 8.1   | 12.1  |

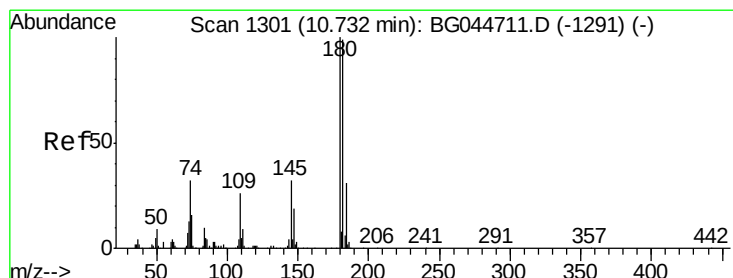
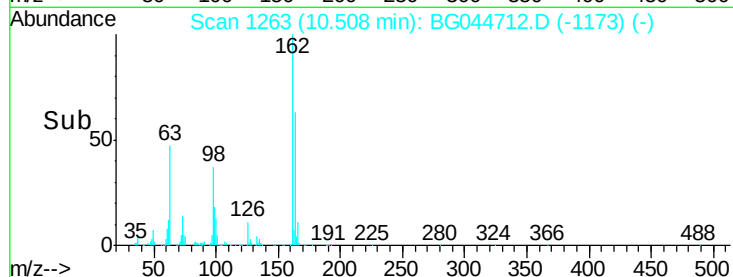
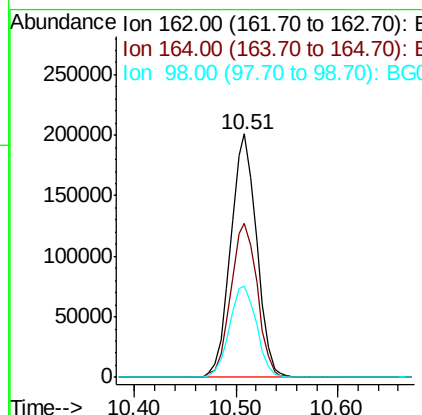
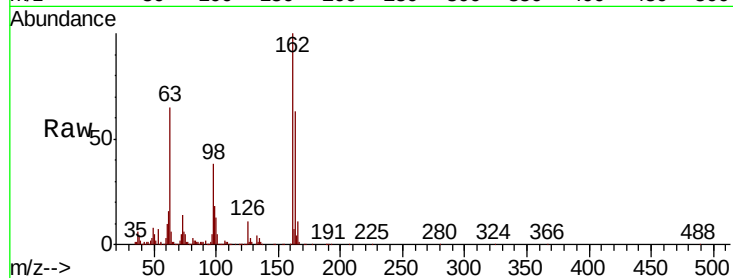




#29  
 2,4-Dichlorophenol  
 Concen: 51.722 ng  
 RT: 10.51 min Scan# 1263  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

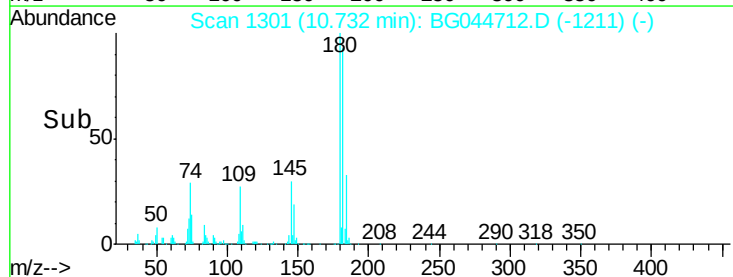
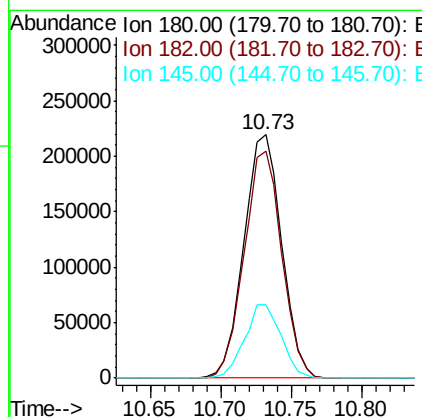
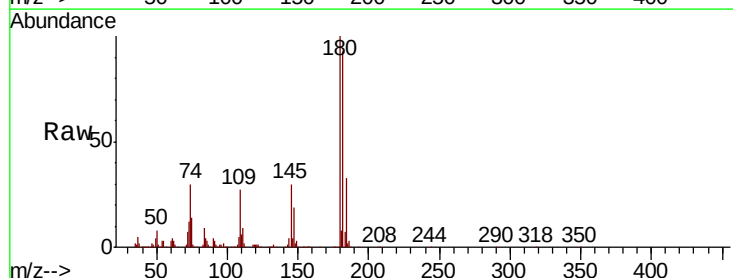
Instrument :  
 BNA\_G  
 ClientSampleId :

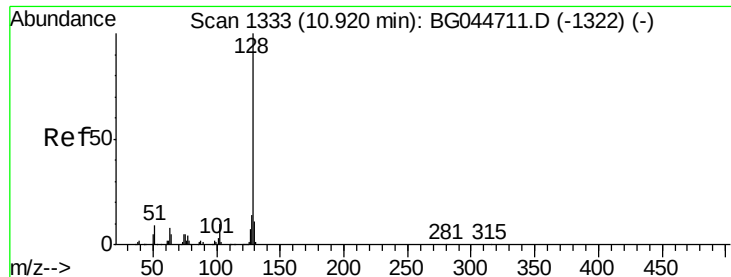
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.1  | 46.5  | 86.5  |
| 98      | 37.5  | 18.1  | 58.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 51.196 ng  
 RT: 10.73 min Scan# 1301  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.1  | 78.8  | 118.2 |
| 145     | 30.2  | 25.4  | 38.0  |

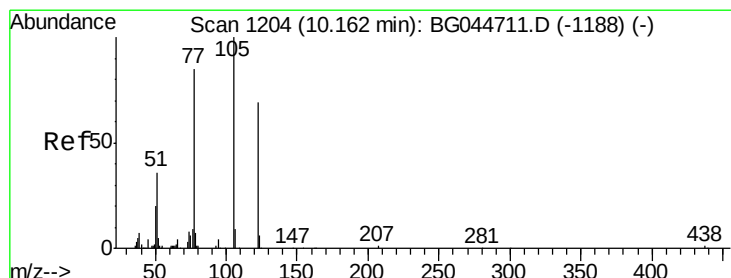
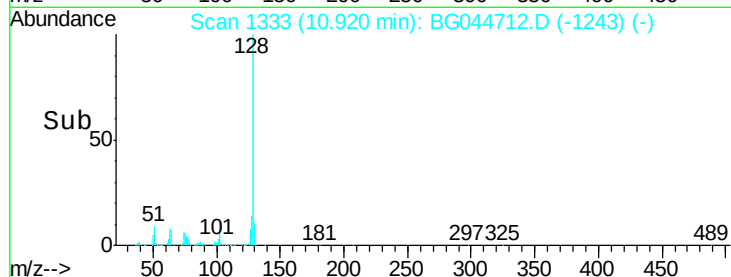
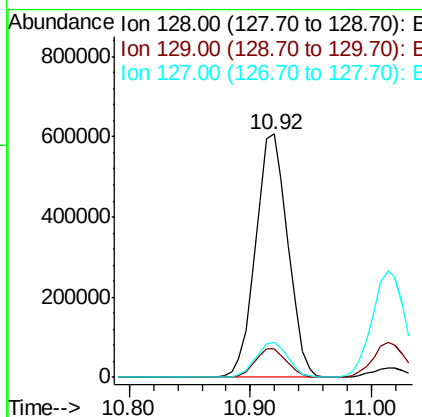
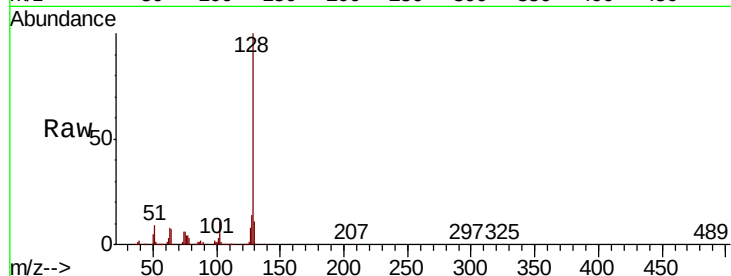




#31  
Naphthalene  
Concen: 50.016 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

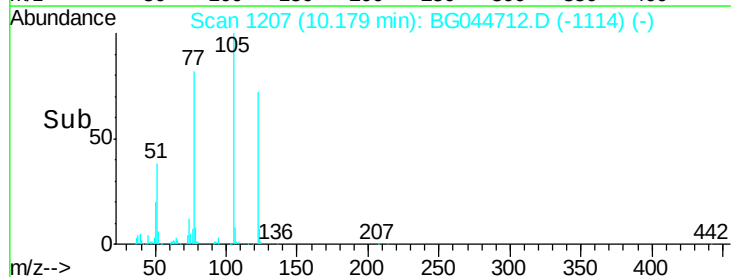
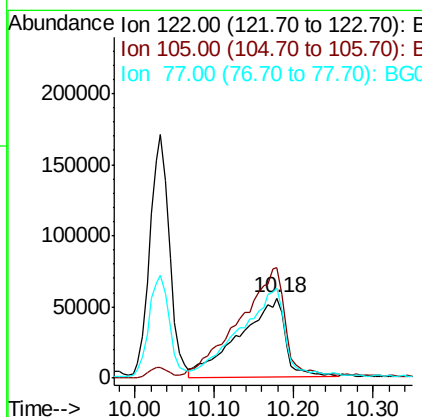
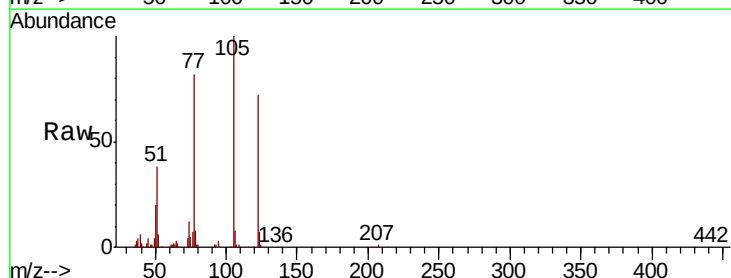
Instrument :  
BNA\_G  
ClientSampleId :

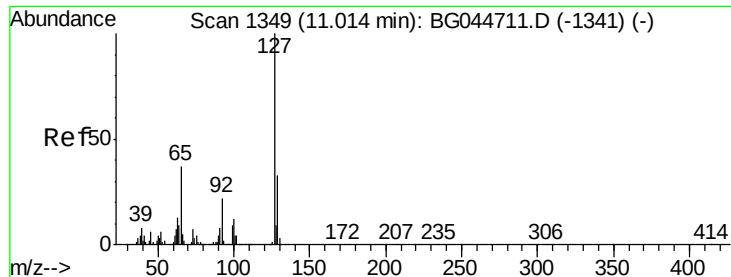
Tot Ion:128 Resp: 1119573  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.4  
127 14.3 11.0 16.6



#32  
Benzoic acid  
Concen: 51.747 ng  
RT: 10.18 min Scan# 1207  
Delta R.T. 0.02 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

Tgt Ion:122 Resp: 219963  
Ion Ratio Lower Upper  
122 100  
105 138.1 119.0 159.0  
77 113.0 96.4 136.4

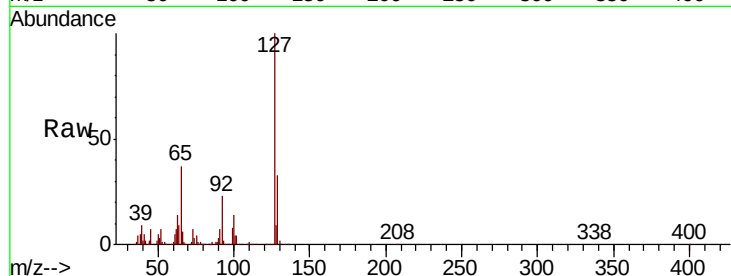




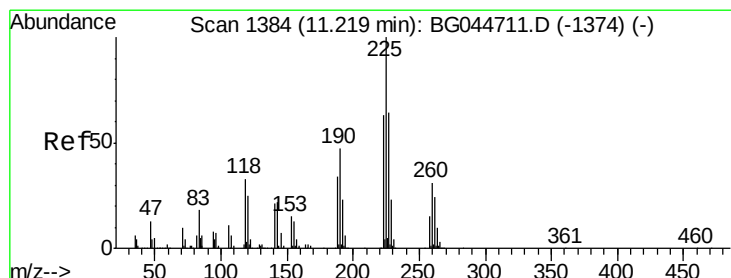
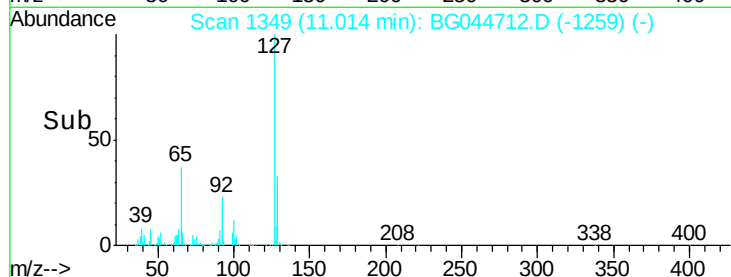
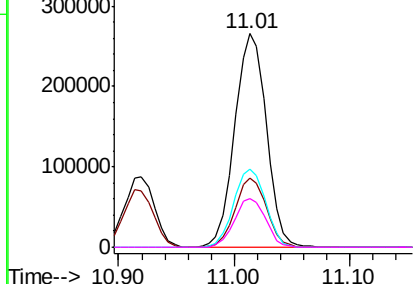
#33  
4-Chloroaniline  
Concen: 48.822 ng  
RT: 11.01 min Scan# 1349  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 503355    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.6  | 26.2 39.4 |
| 65          | 36.8  | 29.6 44.4 |
| 92          | 22.8  | 17.4 26.0 |

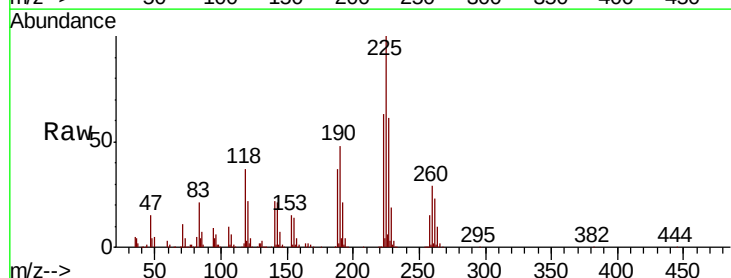


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

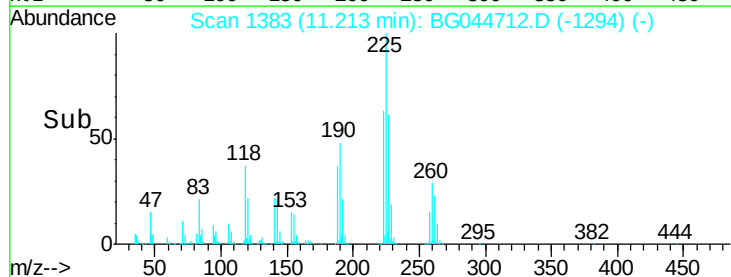
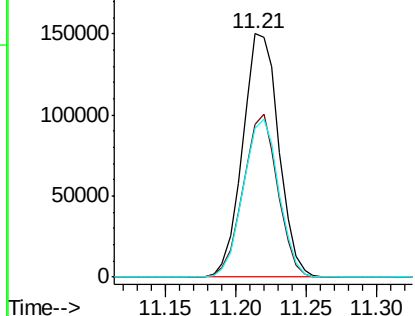


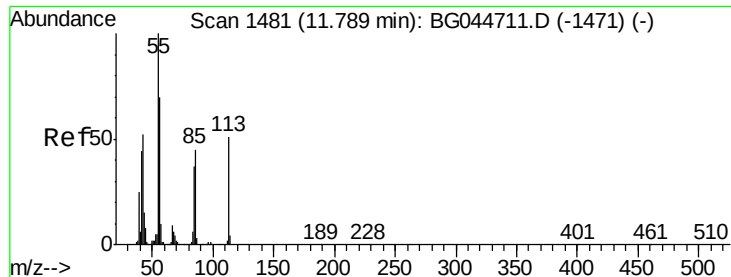
#34  
Hexachlorobutadiene  
Concen: 49.058 ng  
RT: 11.21 min Scan# 1383  
Delta R.T. -0.01 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 268499    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.7  | 50.6 76.0 |
| 227         | 61.4  | 51.6 77.4 |



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

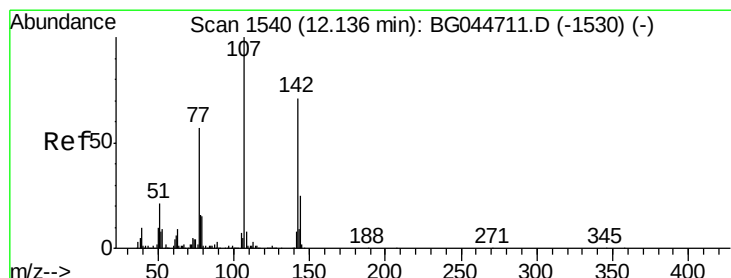
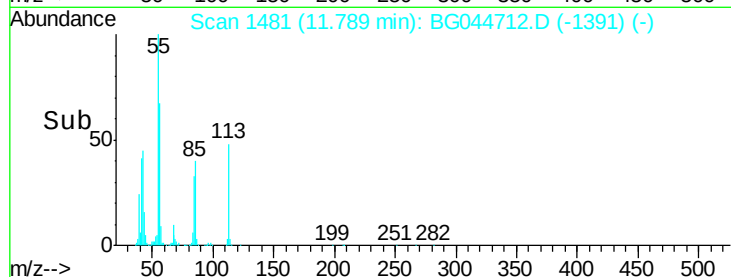
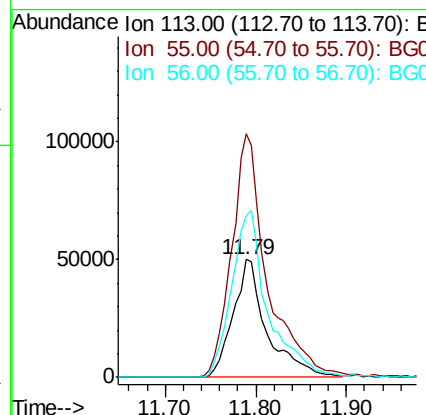
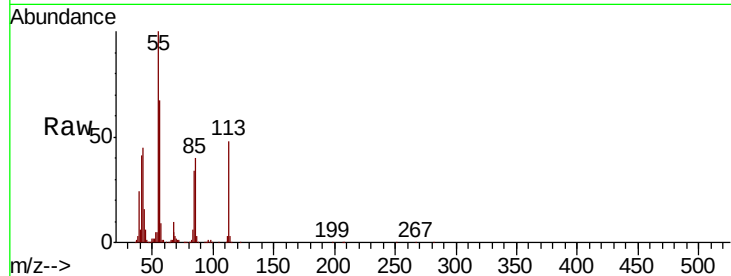




#35  
 Caprolactam  
 Concen: 45.401 ng  
 RT: 11.79 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

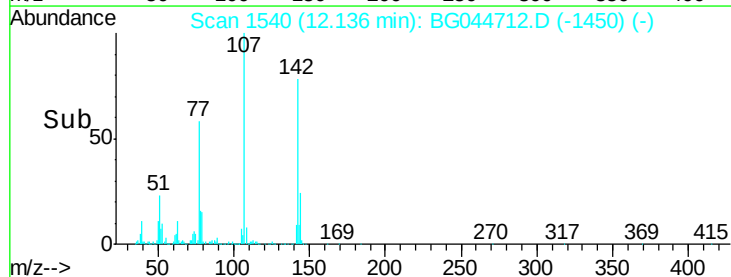
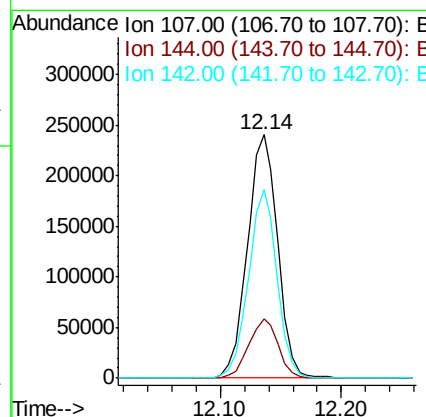
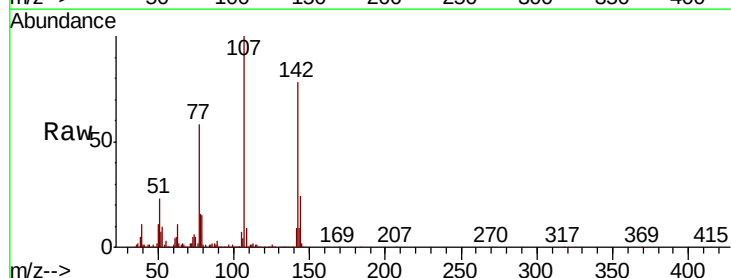
Instrument :  
 BNA\_G  
 ClientSampleId :

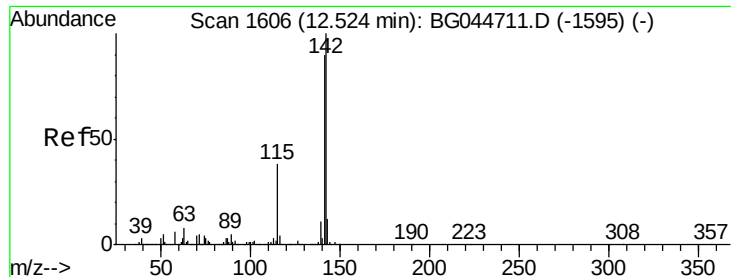
Tot Ion:113 Resp: 130701  
 Ion Ratio Lower Upper  
 113 100  
 55 207.0 178.4 218.4  
 56 137.9 117.7 157.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.820 ng  
 RT: 12.14 min Scan# 1540  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

Tgt Ion:107 Resp: 417641  
 Ion Ratio Lower Upper  
 107 100  
 144 24.3 19.6 29.4  
 142 77.6 56.5 84.7

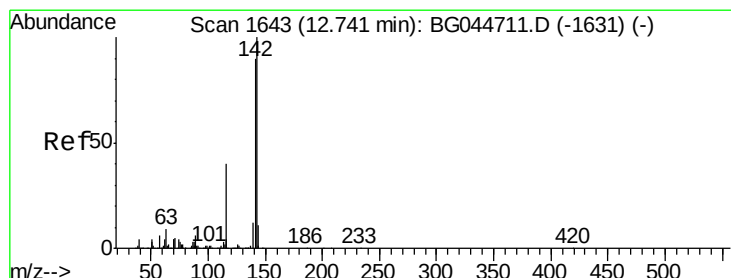
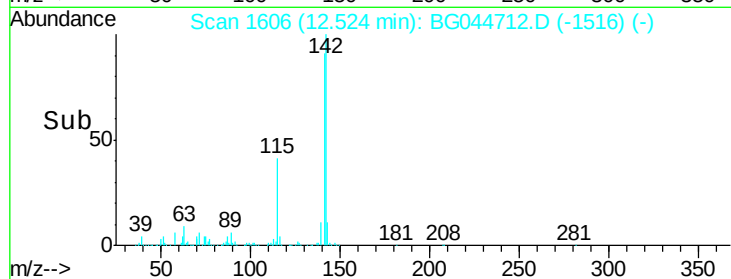
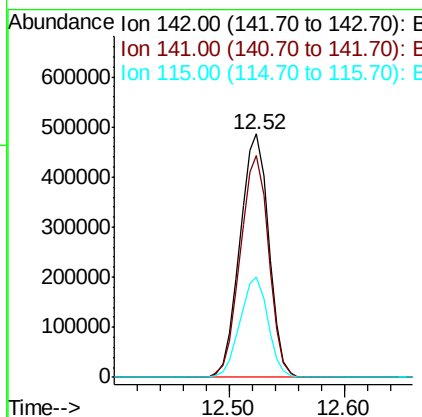
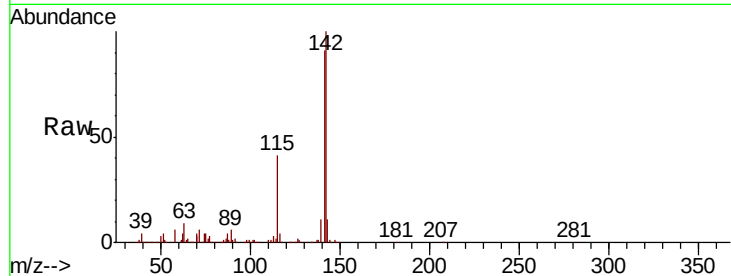




#37  
 2-Methylnaphthalene  
 Concen: 49.891 ng  
 RT: 12.52 min Scan# 1606  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

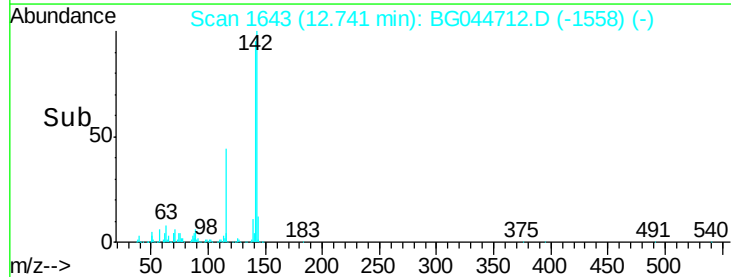
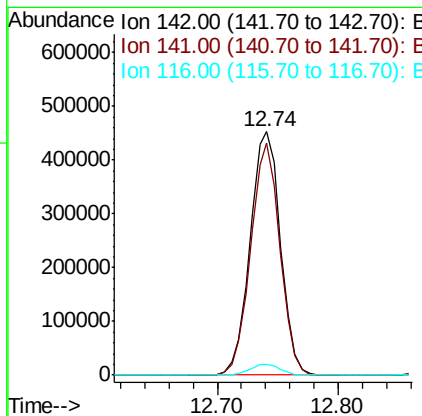
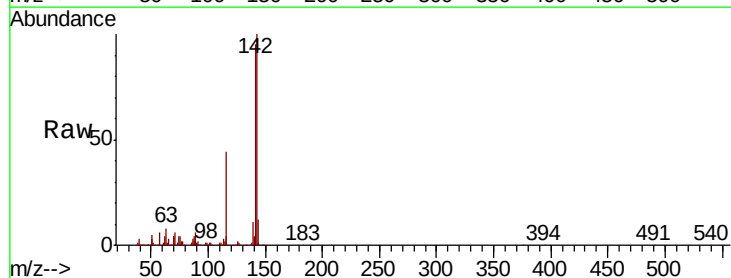
Instrument :  
 BNA\_G  
 ClientSampleId :

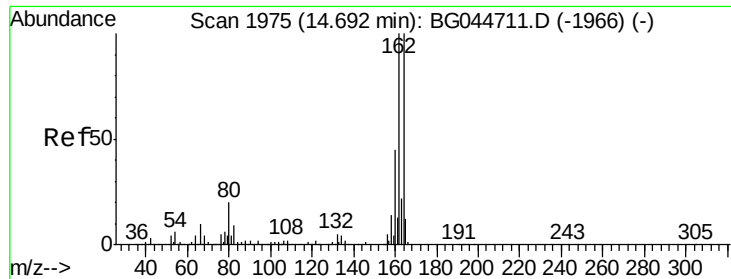
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.9  | 72.3  | 108.5 |
| 115     | 41.2  | 30.6  | 45.8  |



#38  
 1-Methylnaphthalene  
 Concen: 49.415 ng  
 RT: 12.74 min Scan# 1643  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.4  | 72.2  | 108.2 |
| 116     | 4.4   | 3.5   | 5.3   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

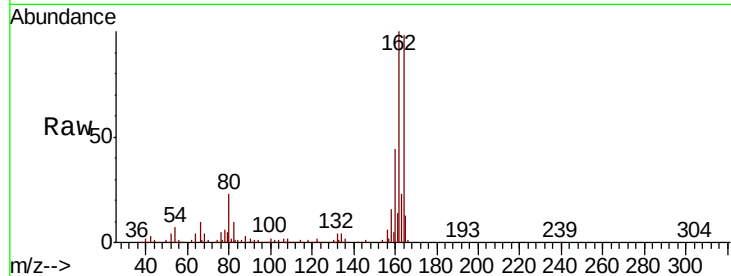
Tot Ion:164 Resp: 262757

Ion Ratio Lower Upper

164 100

162 102.4 80.2 120.4

160 45.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

200000

150000

100000

50000

0

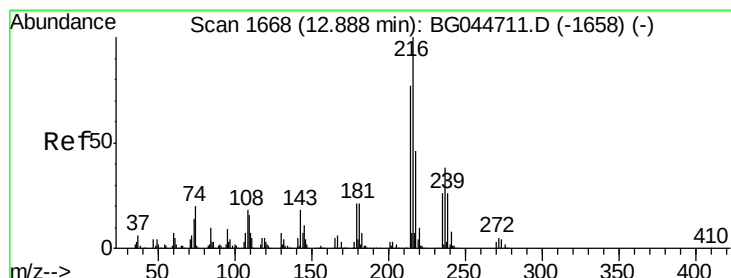
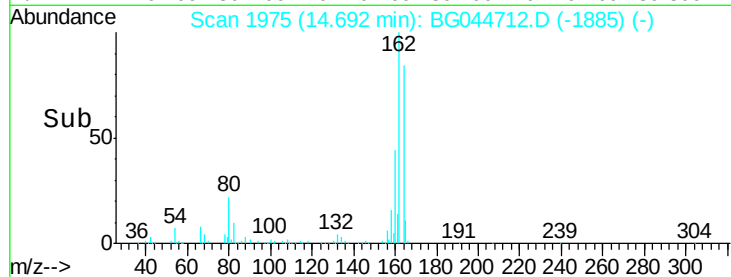
14.69

14.65

14.70

14.75

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.782 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Tgt Ion:216 Resp: 441703

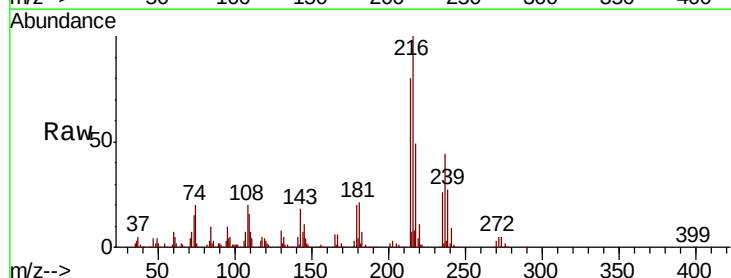
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.6 16.6 24.8

108 20.0 15.6 23.4



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

400000

300000

200000

100000

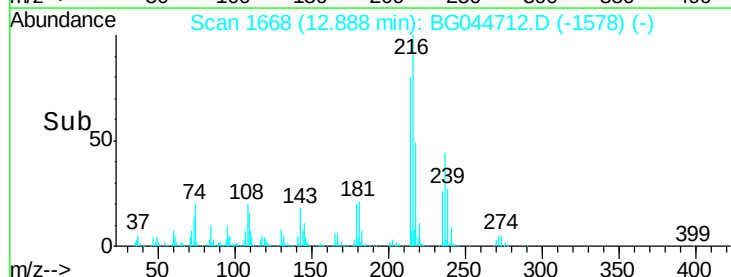
0

12.89

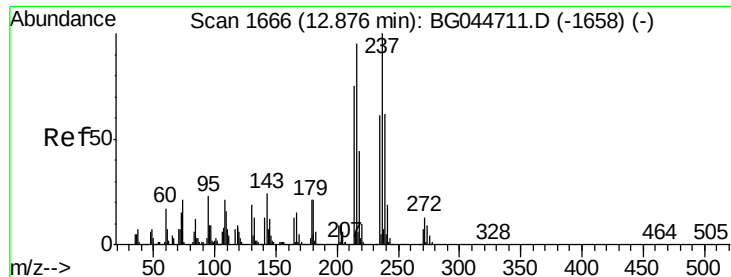
12.80

12.90

Time-->



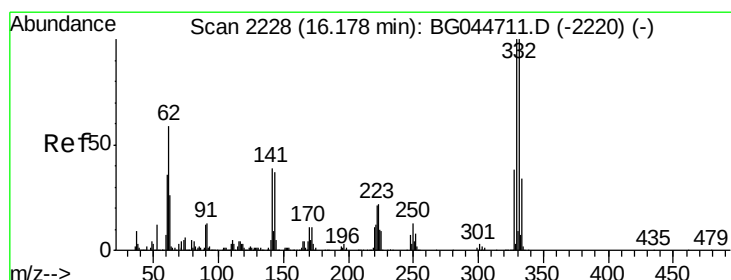
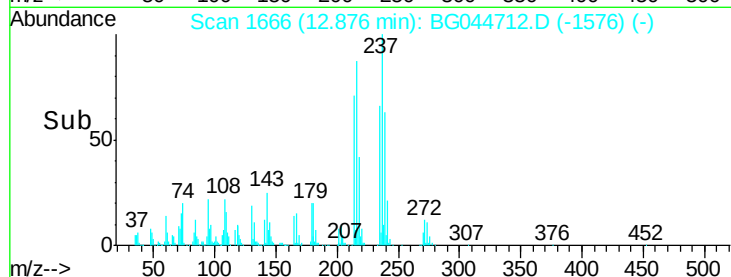
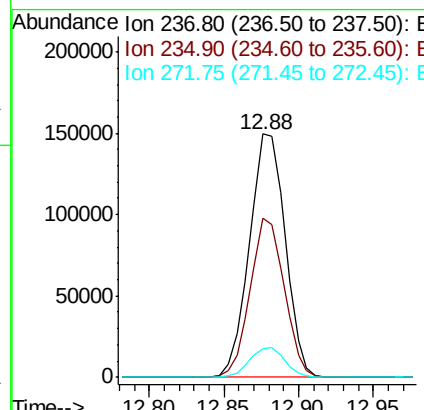
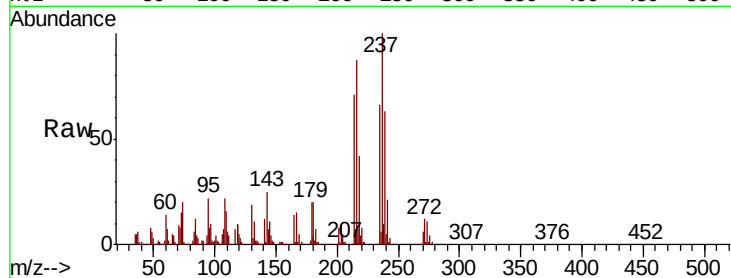




#41  
Hexachlorocyclopentadiene  
Concen: 49.576 ng  
RT: 12.88 min Scan# 1666  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

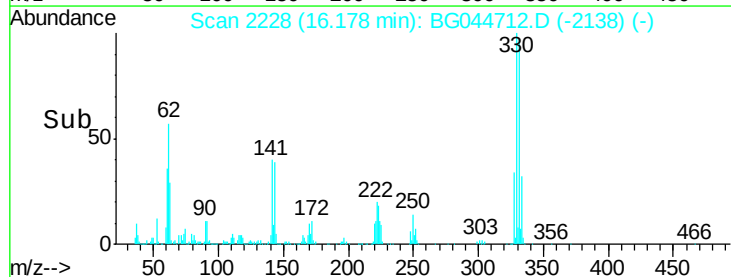
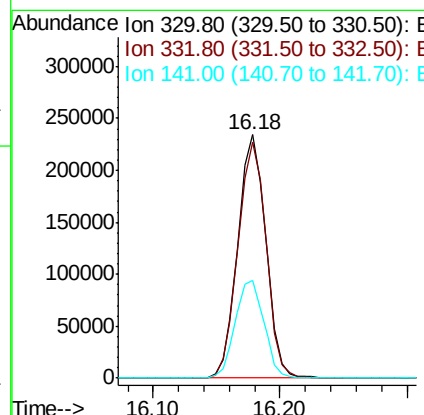
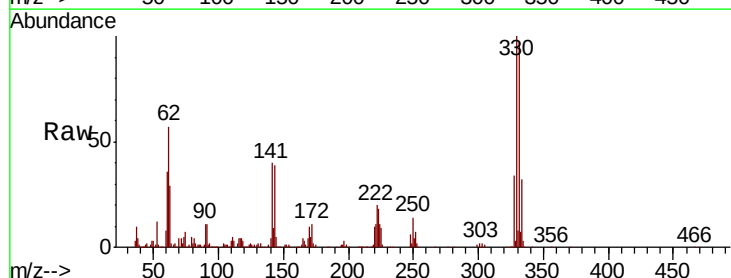
Instrument :  
BNA\_G  
ClientSampleId :

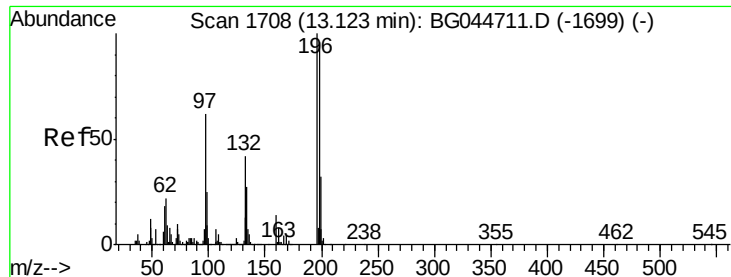
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 65.6  | 40.6  | 80.6  |
| 272     | 11.5  | 0.0   | 32.5  |



#42  
2,4,6-Tribromophenol  
Concen: 98.851 ng  
RT: 16.18 min Scan# 2228  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.6  | 77.5  | 116.3 |
| 141     | 41.4  | 31.7  | 47.5  |

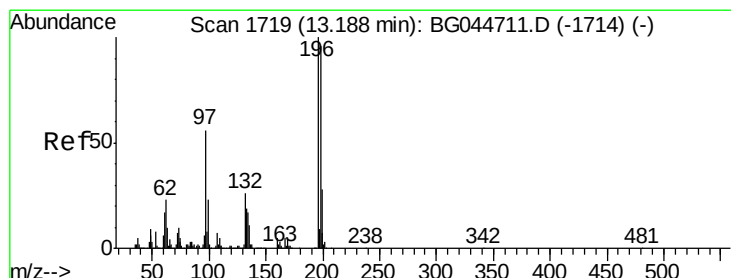
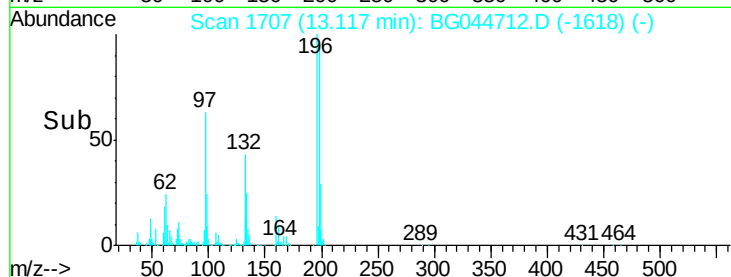
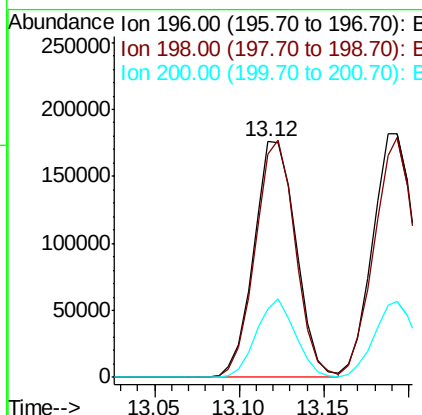
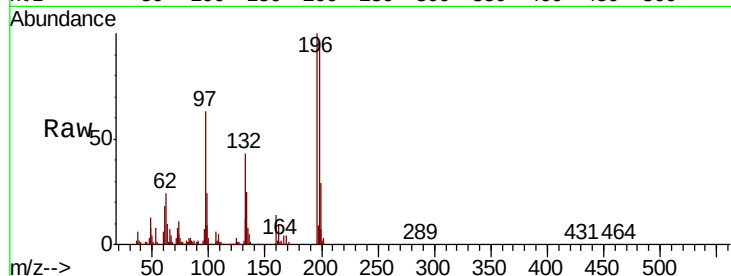




#43  
 2,4,6-Trichlorophenol  
 Concen: 51.631 ng  
 RT: 13.12 min Scan# 1707  
 Delta R.T. -0.01 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

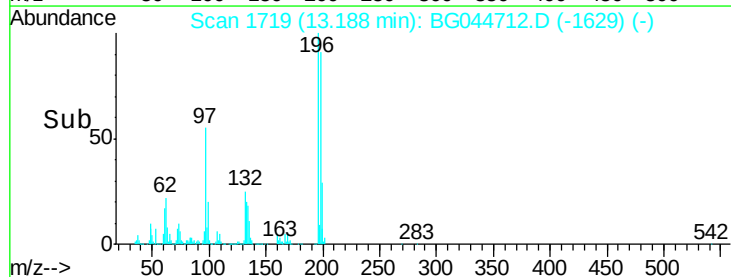
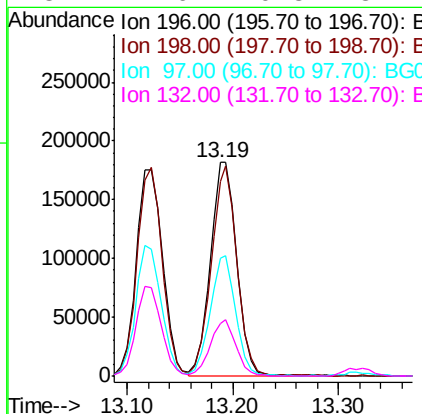
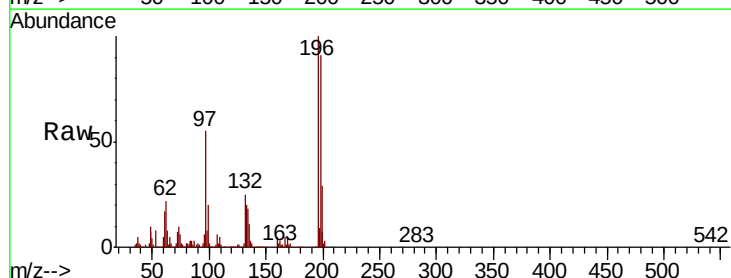
Instrument :  
 BNA\_G  
 ClientSampled :

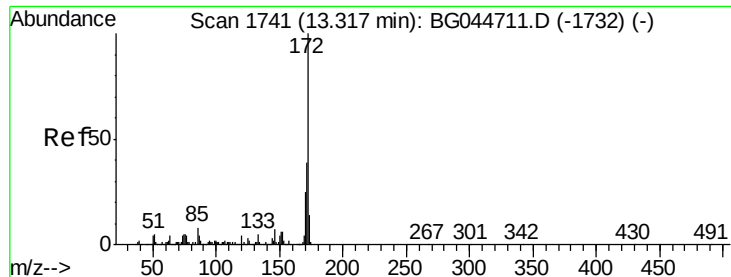
Tot Ion:196 Resp: 305316  
 Ion Ratio Lower Upper  
 196 100  
 198 94.6 76.5 114.7  
 200 28.9 25.9 38.9



#44  
 2,4,5-Trichlorophenol  
 Concen: 52.165 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

Tgt Ion:196 Resp: 316354  
 Ion Ratio Lower Upper  
 196 100  
 198 91.2 77.3 115.9  
 97 54.9 44.9 67.3  
 132 24.6 20.8 31.2

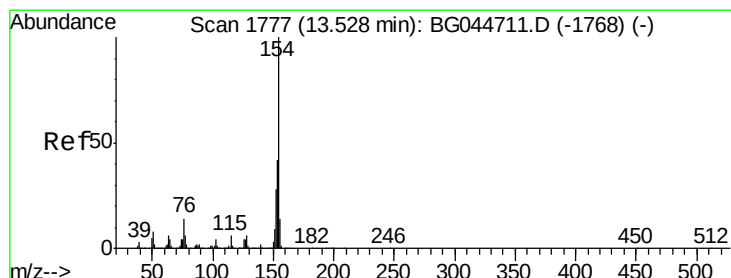
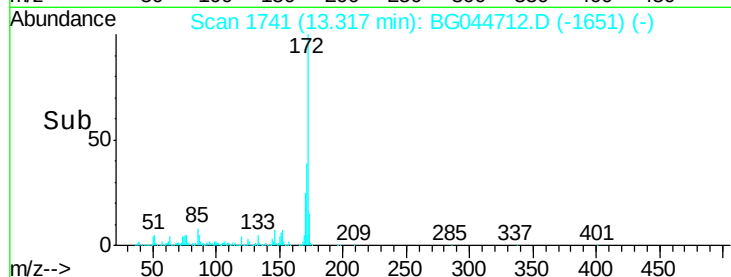
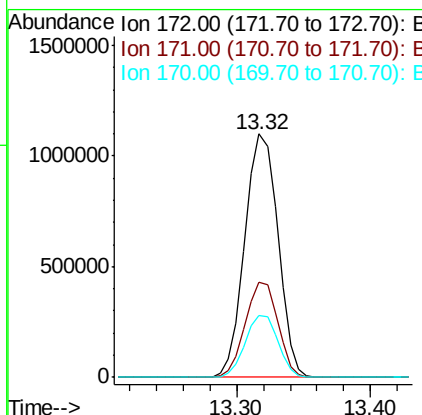
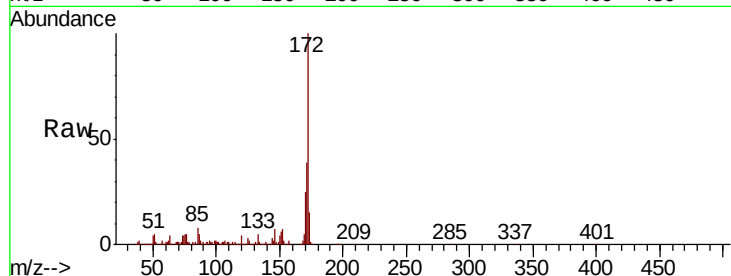




#45  
 2-Fluorobiphenyl  
 Concen: 99.926 ng  
 RT: 13.32 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

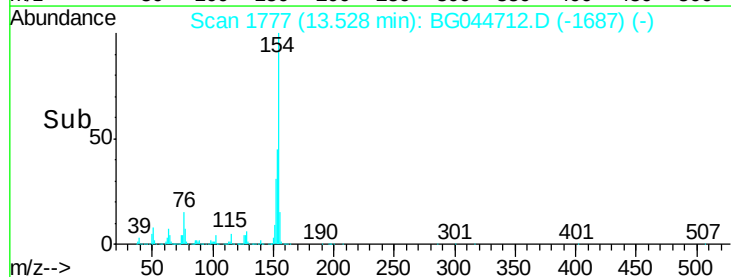
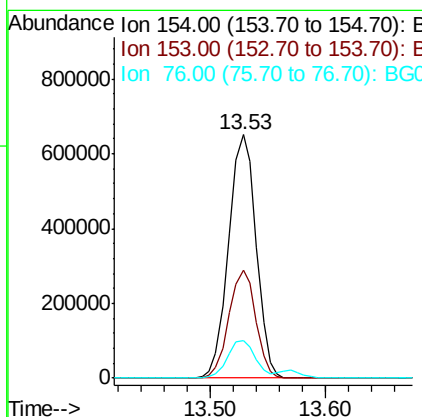
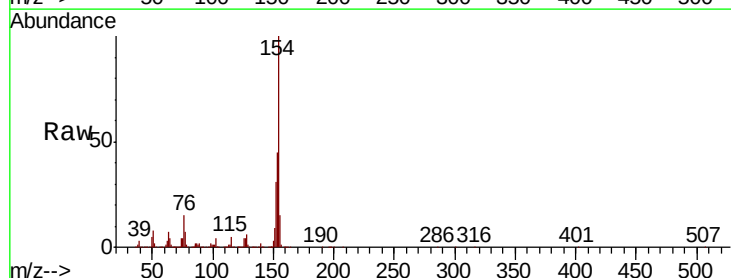
Instrument :  
 BNA\_G  
 ClientSampled :

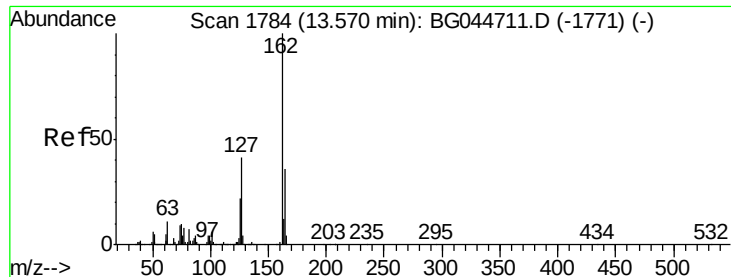
Tot Ion:172 Resp: 1884844  
 Ion Ratio Lower Upper  
 172 100  
 171 39.2 30.8 46.2  
 170 25.2 20.0 30.0



#46  
 1,1'-Biphenyl  
 Concen: 51.310 ng  
 RT: 13.53 min Scan# 1777  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

Tgt Ion:154 Resp: 1072305  
 Ion Ratio Lower Upper  
 154 100  
 153 44.5 22.0 62.0  
 76 15.4 0.0 34.2

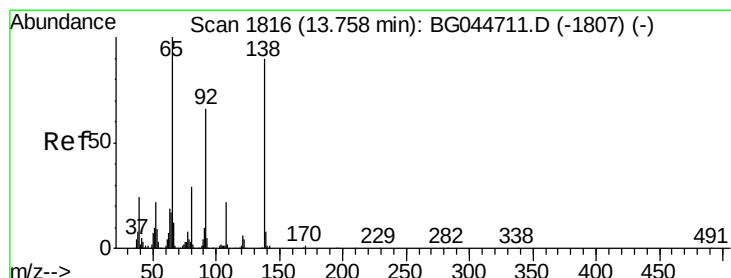
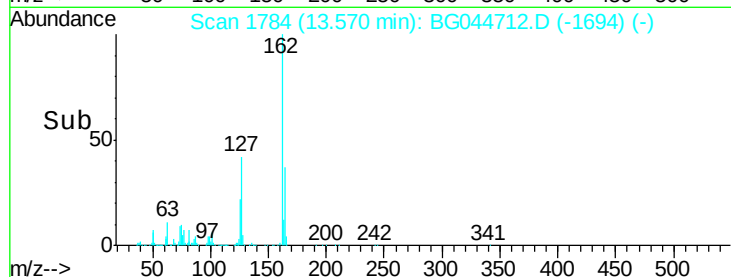
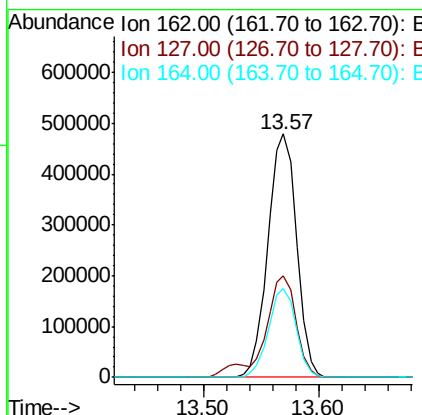
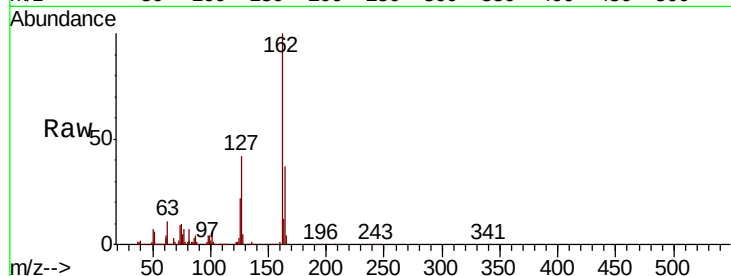




#47  
 2-Chloronaphthalene  
 Concen: 52.098 ng  
 RT: 13.57 min Scan# 1784  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

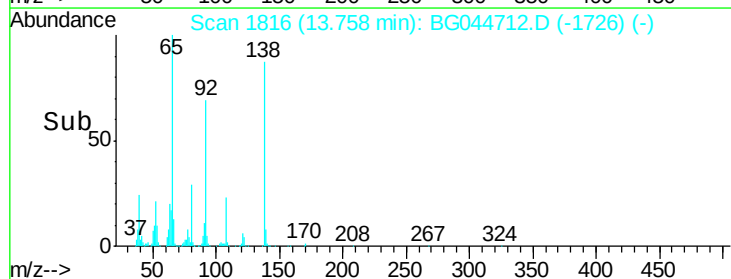
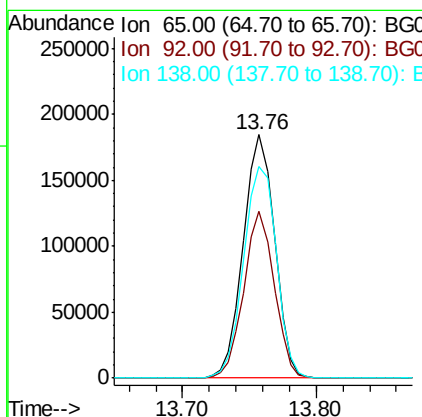
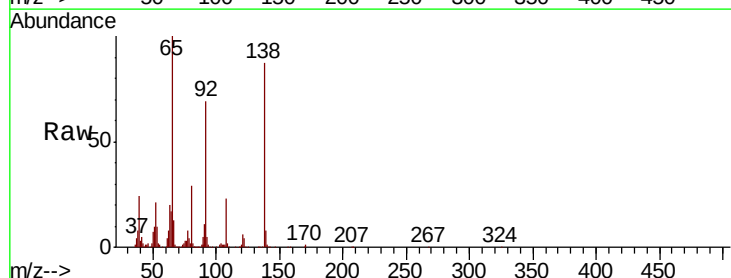
Instrument :  
 BNA\_G  
 ClientSampleId :

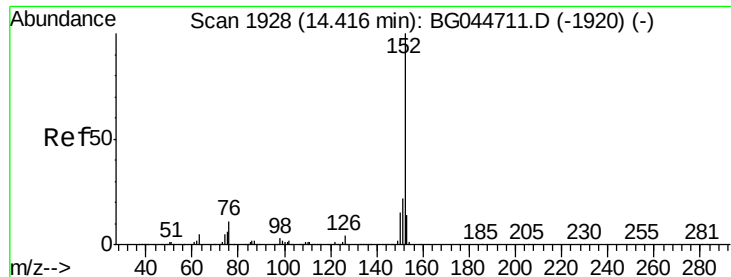
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.8  | 32.6  | 48.8  |
| 164     | 36.6  | 29.0  | 43.4  |



#48  
 2-Nitroaniline  
 Concen: 55.903 ng  
 RT: 13.76 min Scan# 1816  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.7  | 52.6  | 79.0  |
| 138     | 86.9  | 71.8  | 107.6 |





#49

Acenaphthylene

Concen: 50.866 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

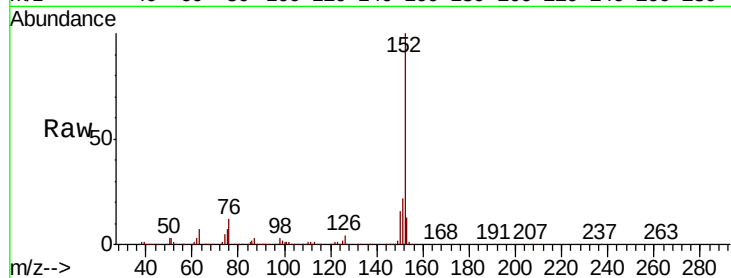
Instrument :

BNA\_G

ClientSampled :

Tot Ion:152 Resp: 1299105

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 22.4  | 17.8  | 26.8  |
| 153 | 13.4  | 11.4  | 17.0  |

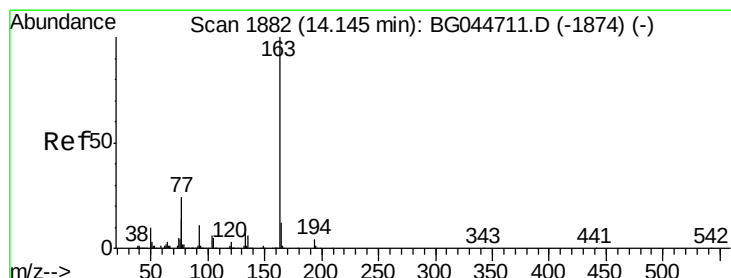
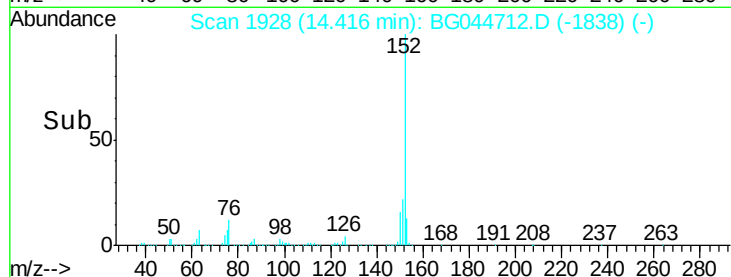
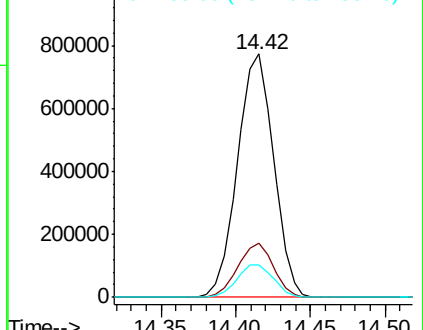


Abundance

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: 49.266 ng

RT: 14.15 min Scan# 1882

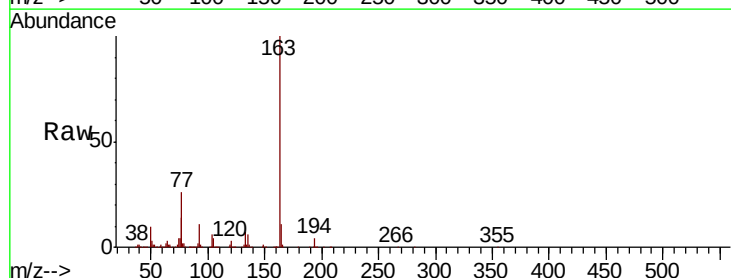
Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Tgt Ion:163 Resp: 1076179

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.5   | 5.3   |
| 164 | 11.0  | 9.2   | 13.8  |

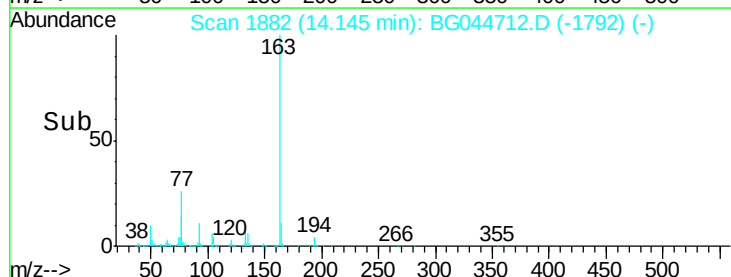
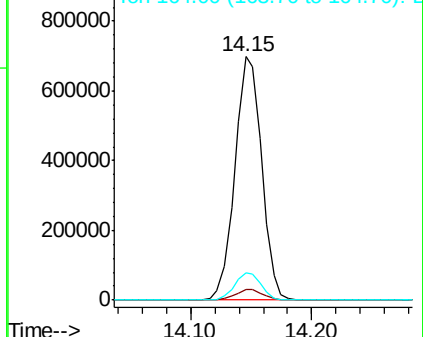


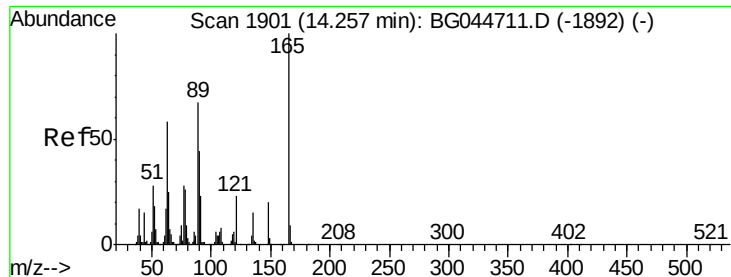
Abundance

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: 56.390 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

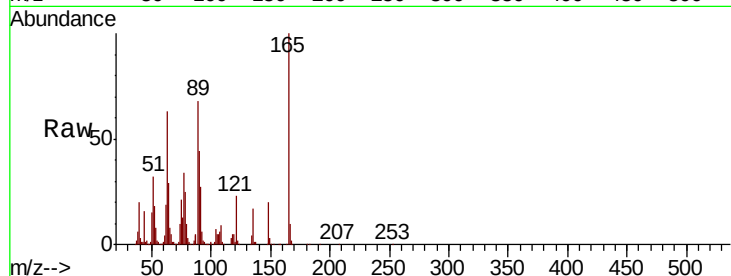
Tot Ion:165 Resp: 221341

Ion Ratio Lower Upper

165 100

63 63.2 48.9 73.3

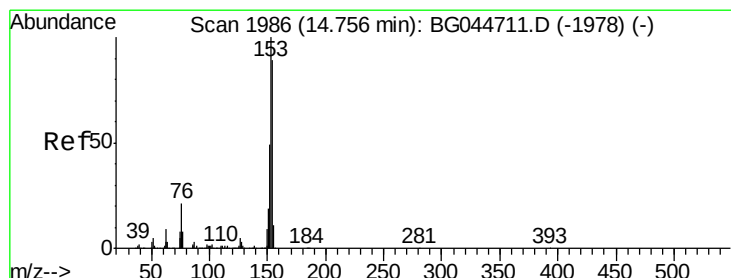
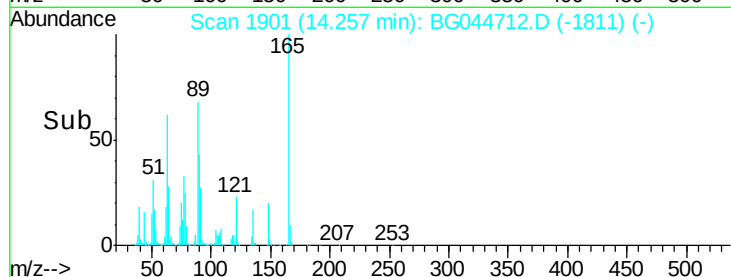
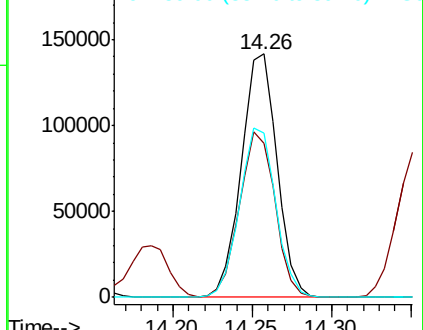
89 67.7 53.8 80.8



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



#52

Acenaphthene

Concen: 51.628 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

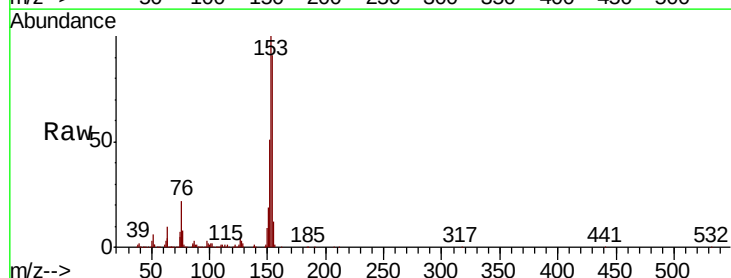
Tgt Ion:154 Resp: 852589

Ion Ratio Lower Upper

154 100

153 110.5 89.8 134.8

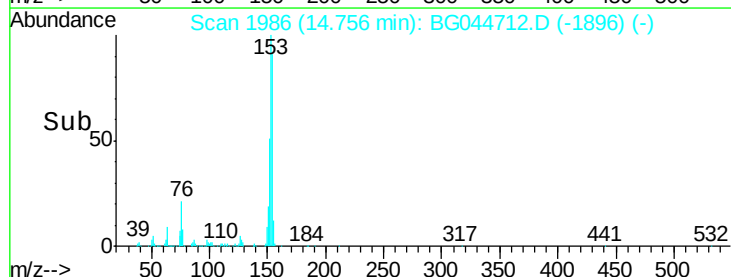
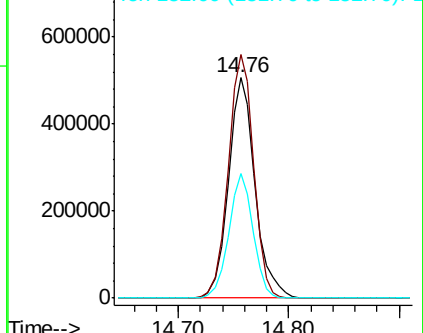
152 56.4 44.4 66.6

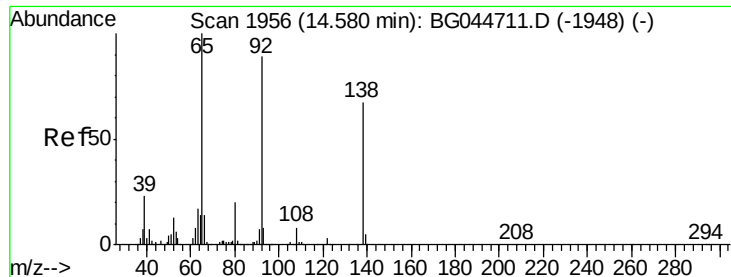


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

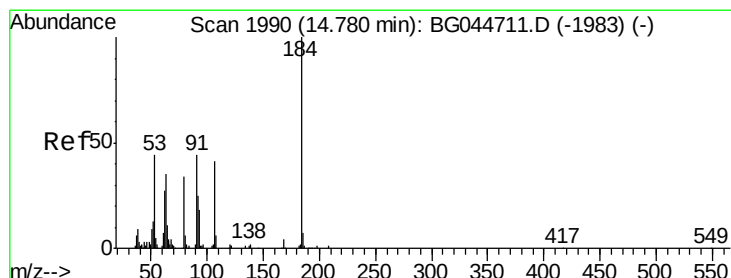
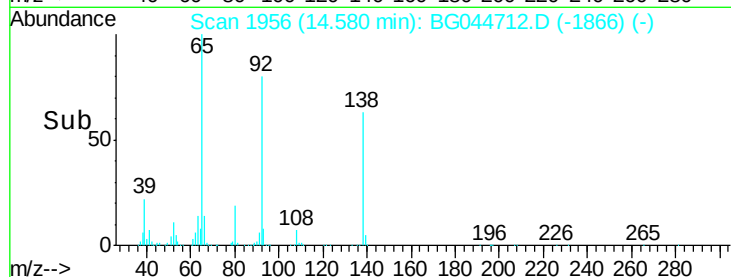
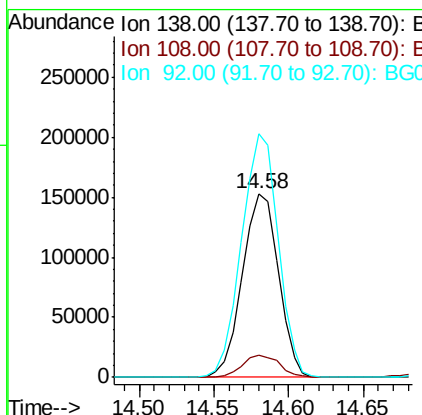
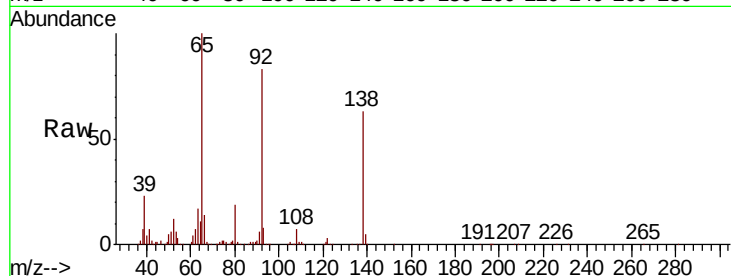




#53  
3-Nitroaniline  
Concen: 56.690 ng  
RT: 14.58 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

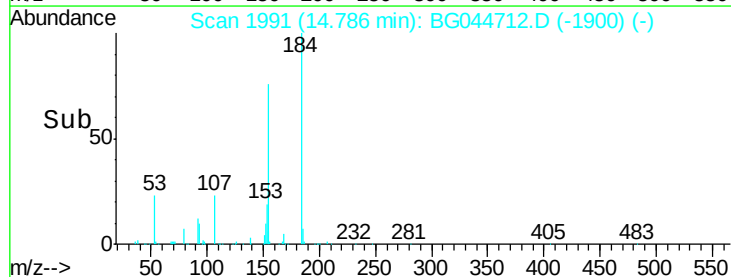
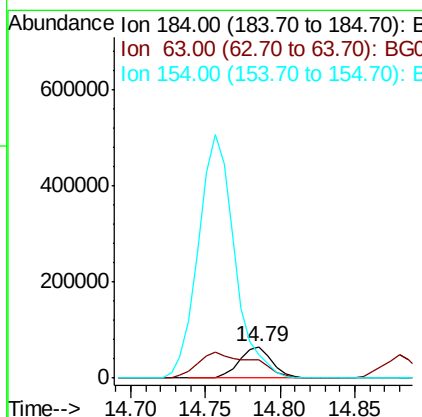
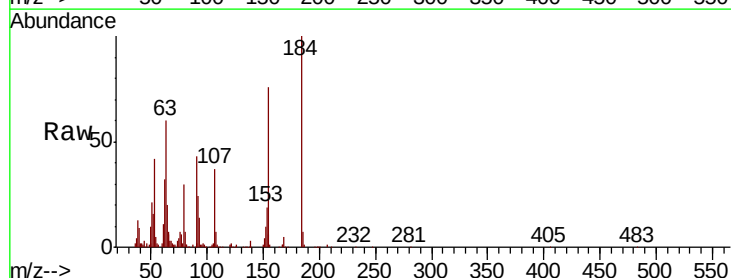
Instrument :  
BNA\_G  
ClientSampleId :

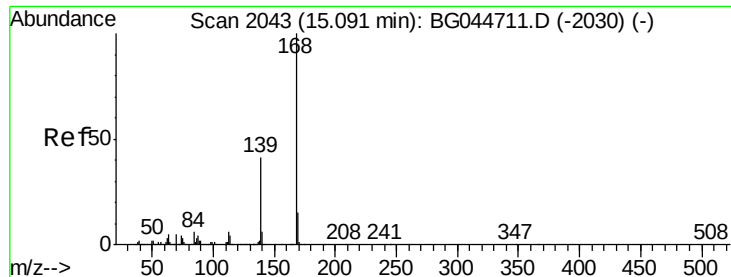
Tot Ion:138 Resp: 256439  
Ion Ratio Lower Upper  
138 100  
108 11.9 9.2 13.8  
92 132.7 105.6 158.4



#54  
2,4-Dinitrophenol  
Concen: 54.151 ng  
RT: 14.79 min Scan# 1991  
Delta R.T. 0.01 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

Tgt Ion:184 Resp: 98689  
Ion Ratio Lower Upper  
184 100  
63 59.5 49.0 73.6  
154 75.7 94.5 141.7#

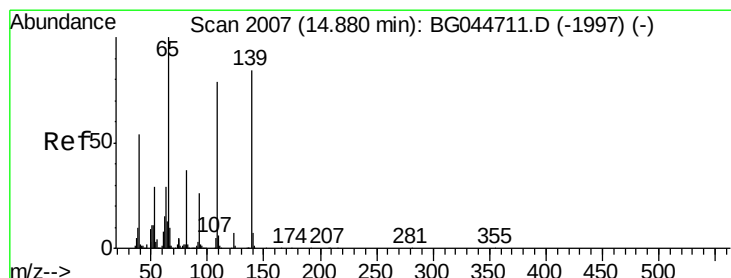
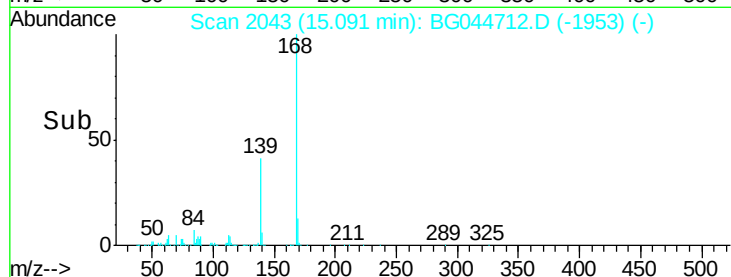
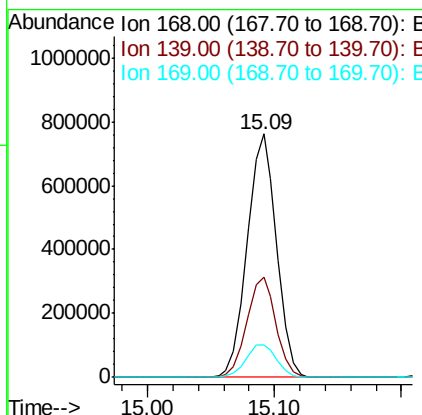
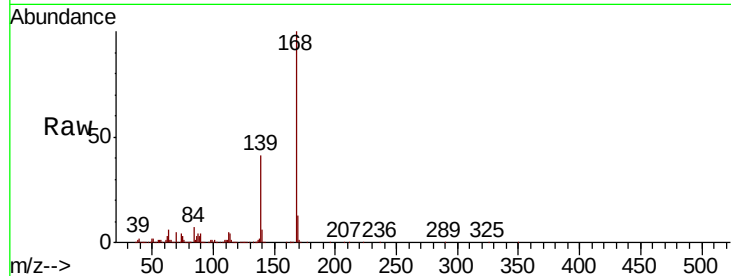




#55  
 Dibenzofuran  
 Concen: 49.236 ng  
 RT: 15.09 min Scan# 2043  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

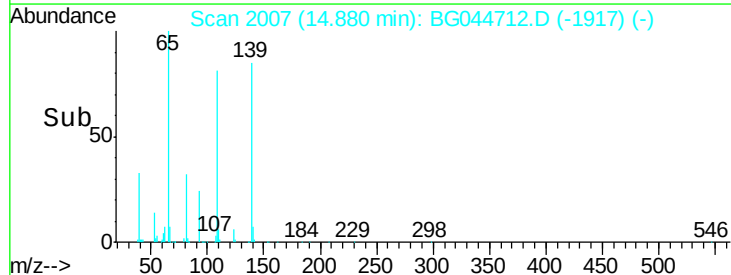
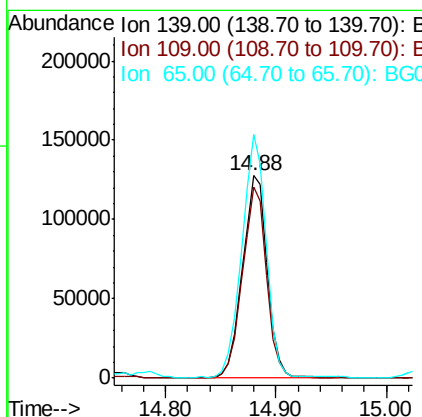
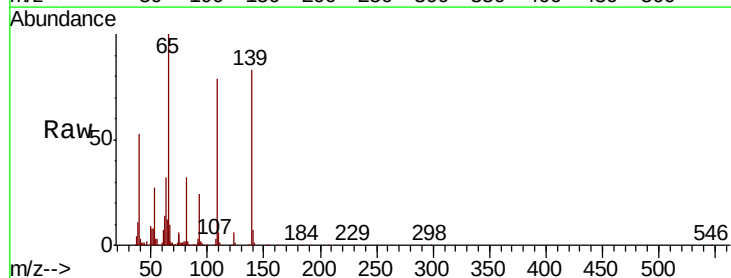
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | 168   | Resp  | 1218335 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 168     | 100   |       |         |
| 139     | 41.1  | 32.6  | 49.0    |
| 169     | 13.5  | 11.8  | 17.6    |

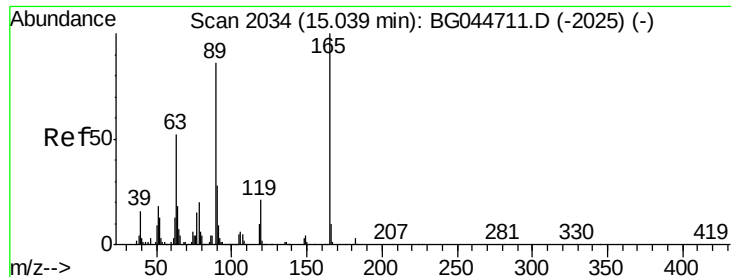


#56  
 4-Nitrophenol  
 Concen: 57.366 ng  
 RT: 14.88 min Scan# 2007  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

| Tgt Ion | 139   | Resp  | 201905 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 139     | 100   |       |        |
| 109     | 94.8  | 74.1  | 114.1  |
| 65      | 120.5 | 98.6  | 138.6  |



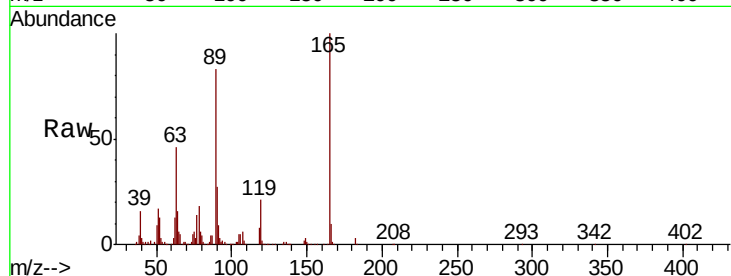




#57  
2,4-Dinitrotoluene  
Concen: 59.346 ng  
RT: 15.04 min Scan# 2035  
Delta R.T. 0.01 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.5  | 41.5  | 62.3  |
| 89      | 83.4  | 69.0  | 103.4 |
| 182     | 3.0   | 2.7   | 4.1   |



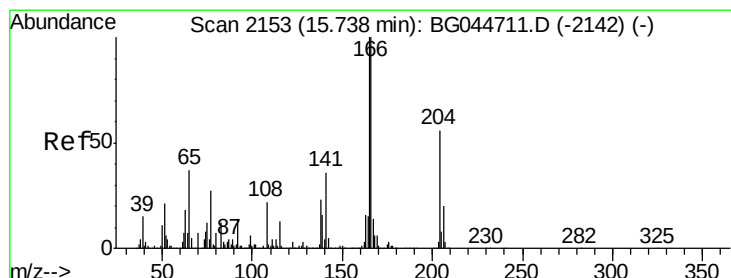
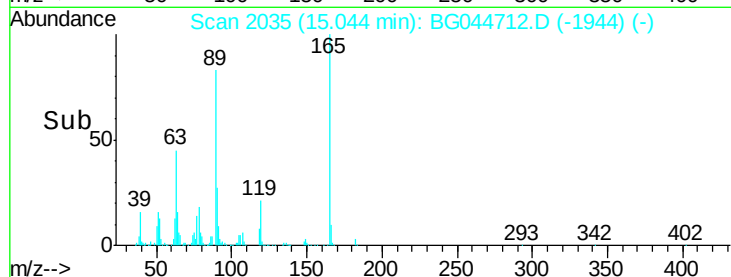
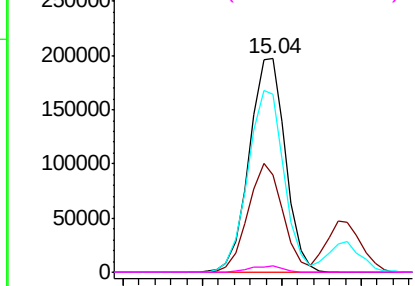
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

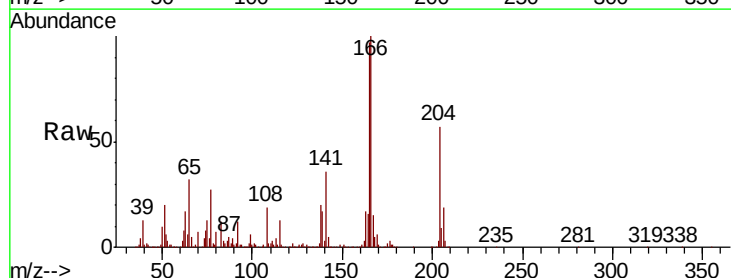
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 48.706 ng  
RT: 15.74 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.4  | 79.6  | 119.4 |
| 167     | 14.6  | 11.4  | 17.2  |

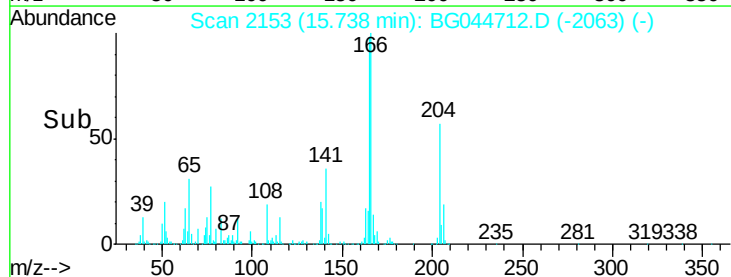
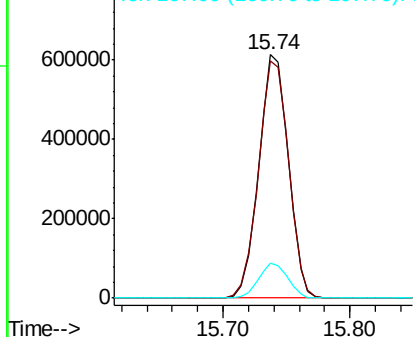


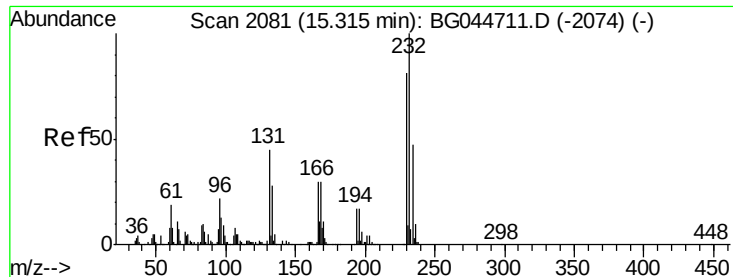
Abundance

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

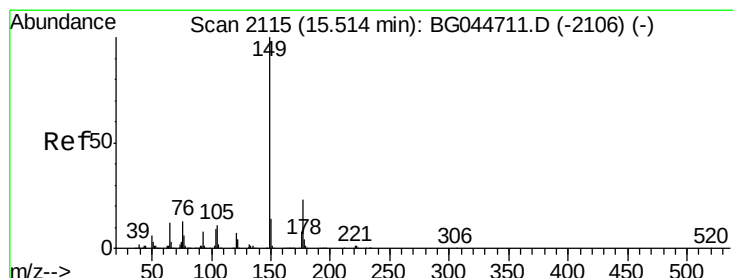
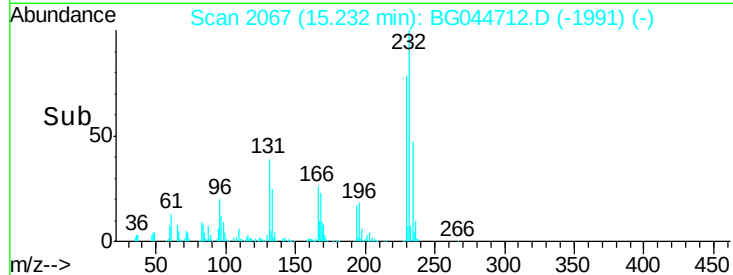
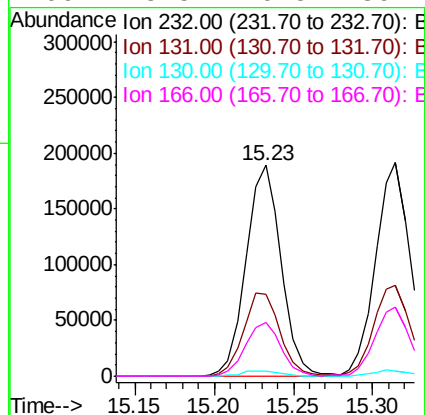
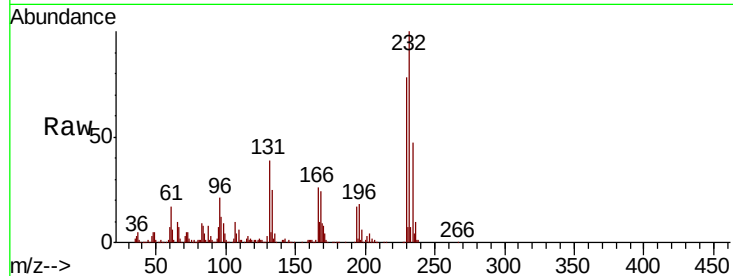




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 50.421 ng  
 RT: 15.23 min Scan# 2067  
 Delta R.T. -0.08 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

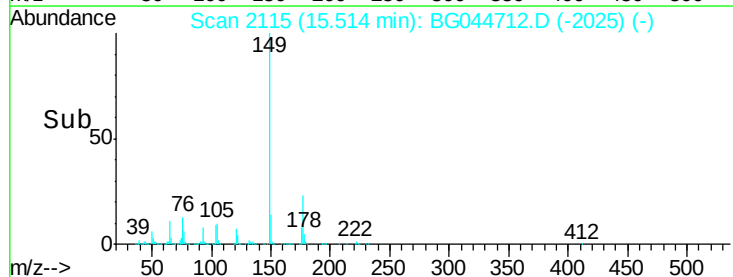
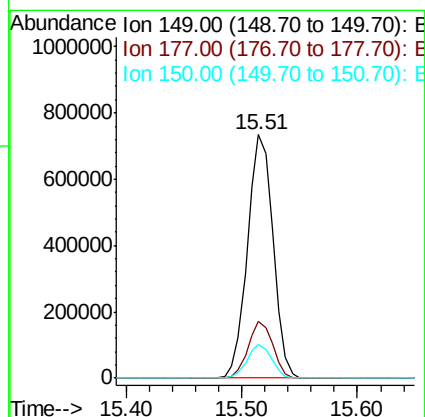
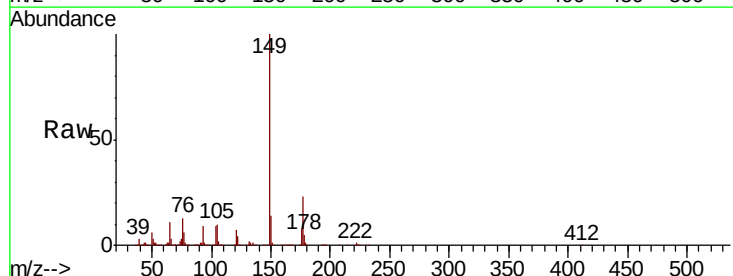
Instrument :  
 BNA\_G  
 ClientSampled :

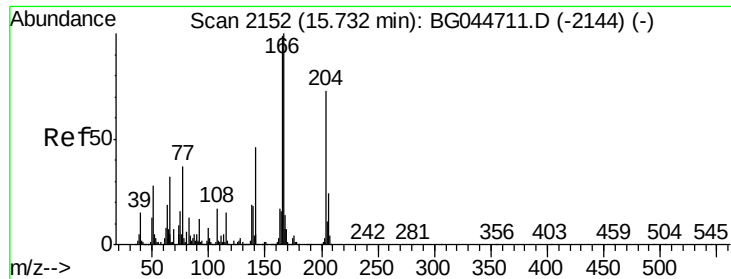
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 291022    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 41.0  | 32.4 48.6 |
| 130         | 2.8   | 2.0 3.0   |
| 166         | 25.5  | 20.5 30.7 |



#60  
 Diethylphthalate  
 Concen: 48.256 ng  
 RT: 15.51 min Scan# 2115  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 1126998   |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.3  | 18.8 28.2 |
| 150         | 13.9  | 11.2 16.8 |

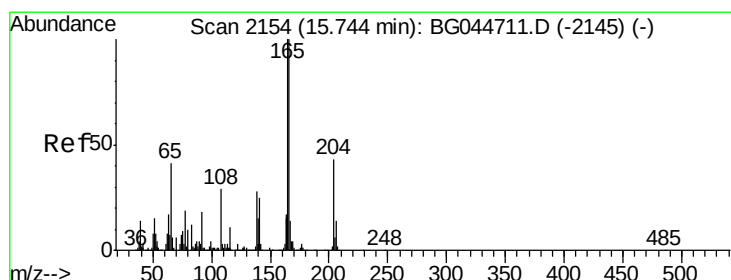
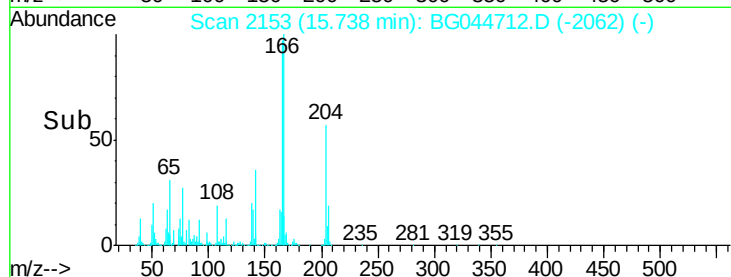
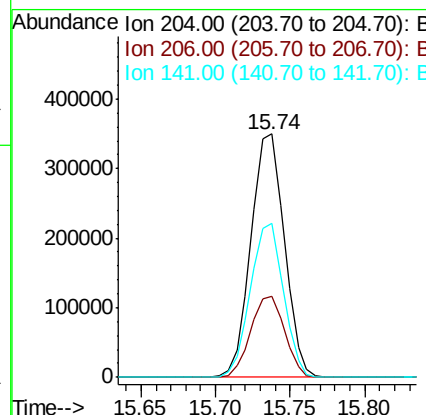
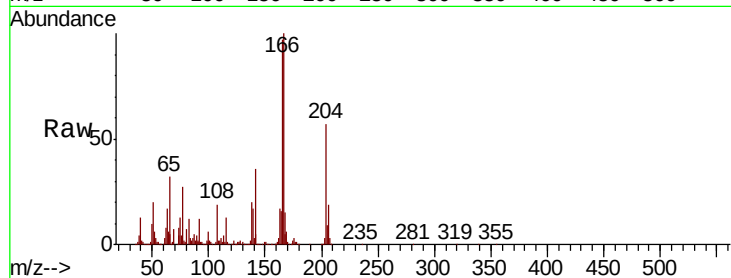




#61  
 4-Chlorophenyl-phenylether  
 Concen: 48.666 ng  
 RT: 15.74 min Scan# 2153  
 Delta R.T. 0.01 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

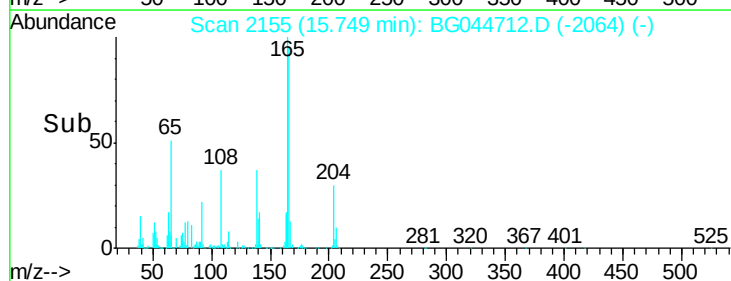
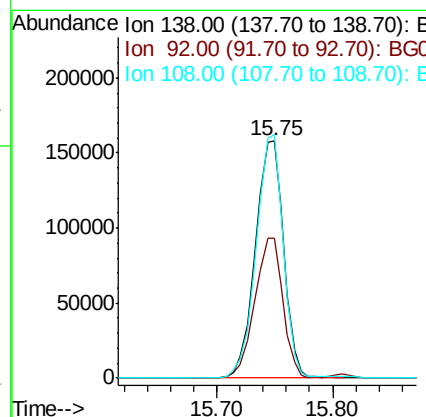
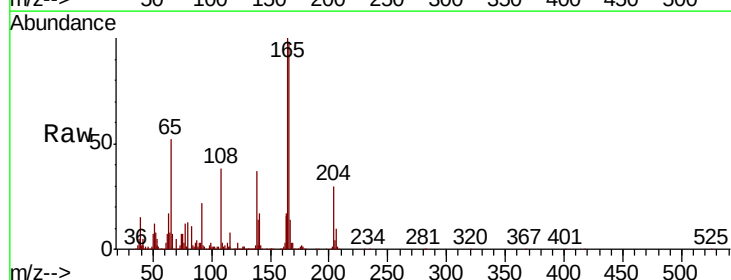
Instrument :  
 BNA\_G  
 ClientSampleId :

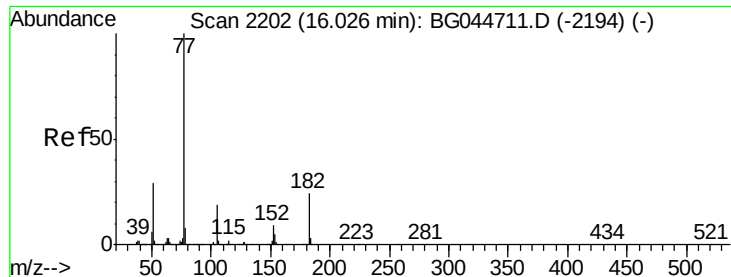
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 25.8  | 38.6  |
| 141     | 63.2  | 50.8  | 76.2  |



#62  
 4-Nitroaniline  
 Concen: 54.187 ng  
 RT: 15.75 min Scan# 2155  
 Delta R.T. 0.01 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 59.0  | 42.1  | 82.1  |
| 108     | 102.4 | 81.2  | 121.2 |





#63

Azobenzene

Concen: 47.646 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 1164491

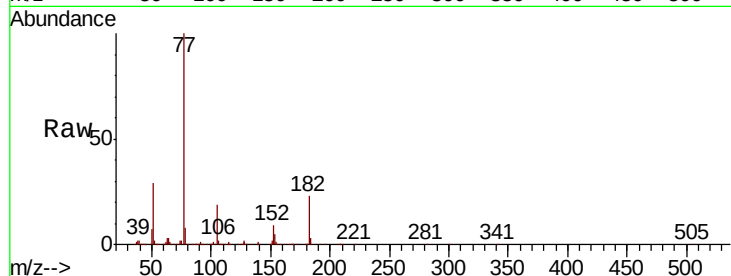
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 23.0  | 3.6   | 43.6  |
| 105 | 19.4  | 0.0   | 39.3  |
| 51  | 29.5  | 8.7   | 48.7  |

77 100

182 23.0 3.6 43.6

105 19.4 0.0 39.3

51 29.5 8.7 48.7



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

1200000

1000000

800000

600000

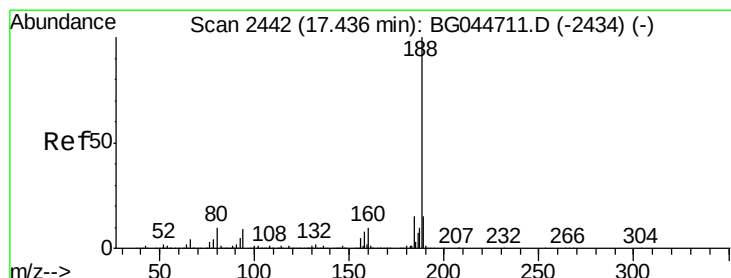
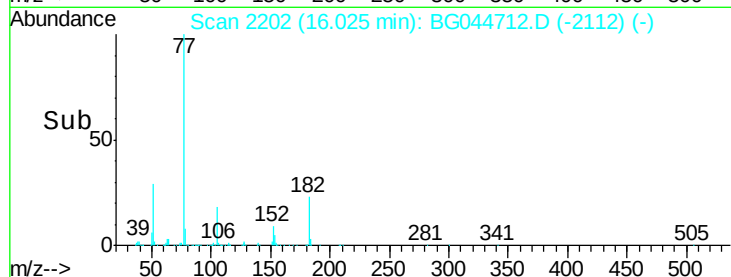
400000

200000

0

15.95 16.00 16.05 16.10

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

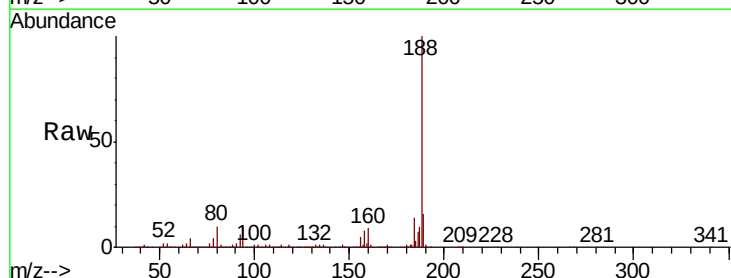
Tgt Ion: 188 Resp: 581669

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.9   | 7.0   | 10.6  |
| 80  | 9.9   | 8.4   | 12.6  |

188 100

94 8.9 7.0 10.6

80 9.9 8.4 12.6



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

500000

400000

300000

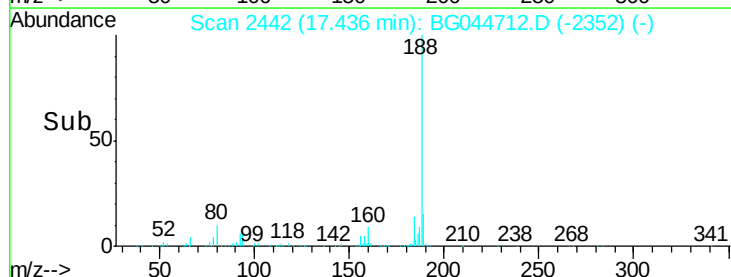
200000

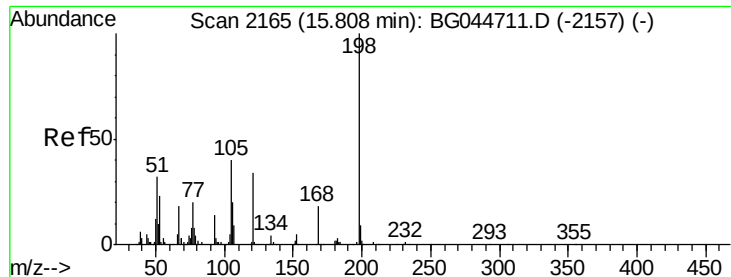
100000

0

17.40 17.50

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 57.510 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

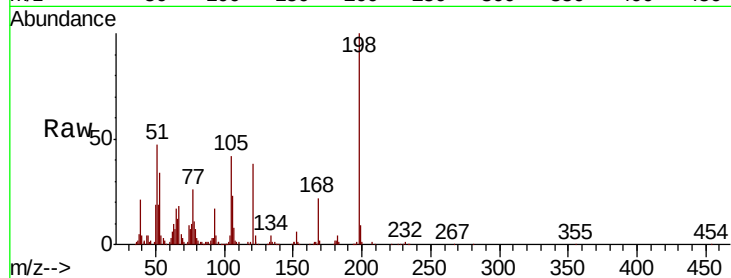
Tot Ion:198 Resp: 136662

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 46.5  | 20.1  | 60.1  |
| 105 | 42.4  | 21.3  | 61.3  |

198 100

51 46.5 20.1 60.1

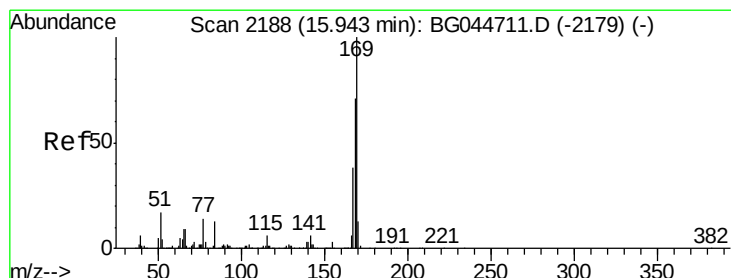
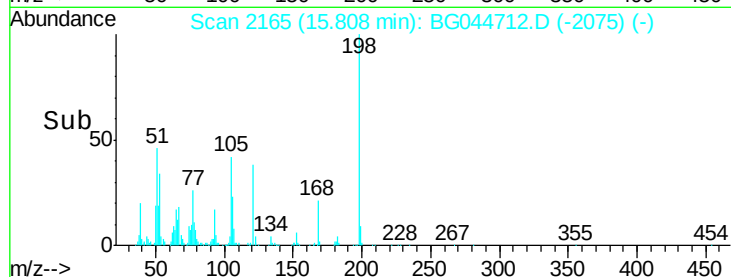
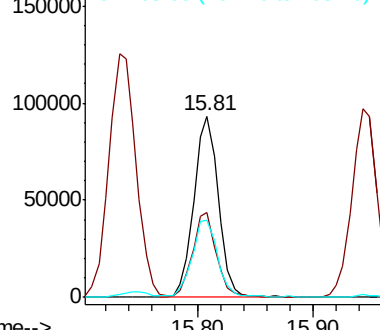
105 42.4 21.3 61.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.493 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

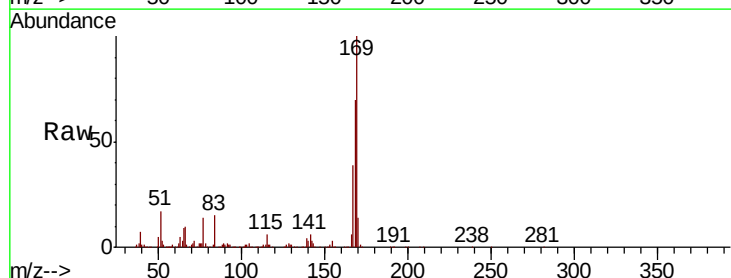
Tgt Ion:169 Resp: 897988

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 70.3  | 56.6  | 85.0  |
| 167 | 38.7  | 30.1  | 45.1  |

169 100

168 70.3 56.6 85.0

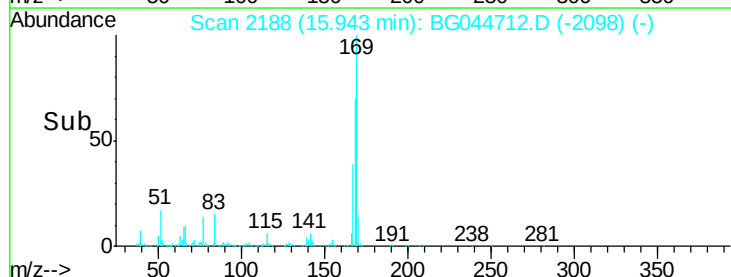
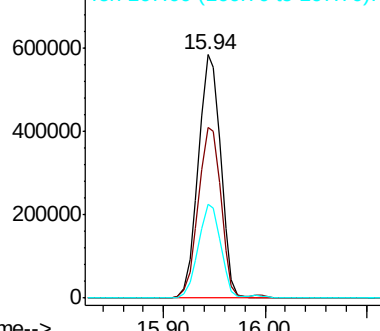
167 38.7 30.1 45.1

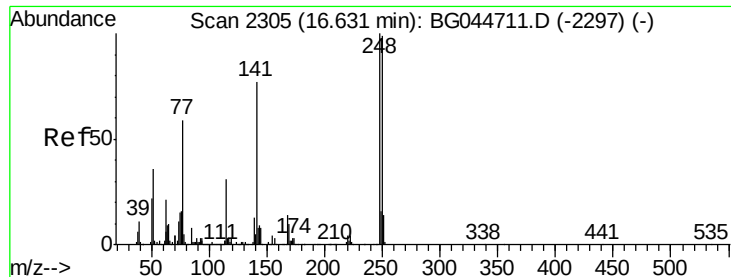


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

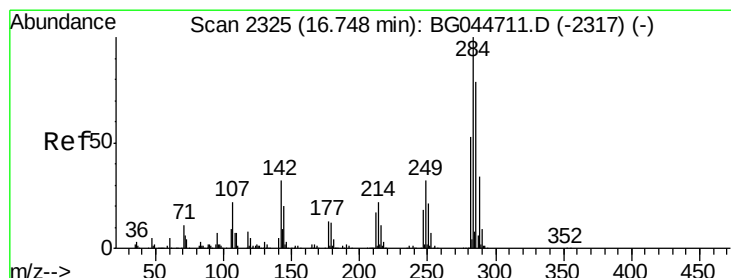
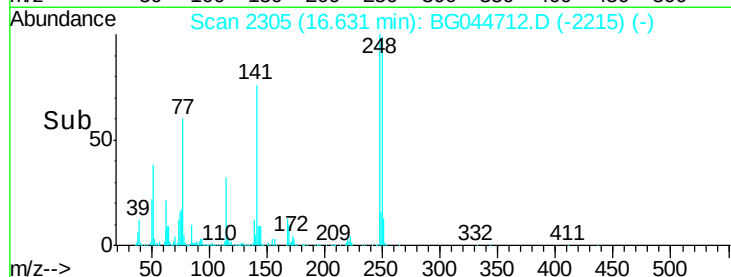
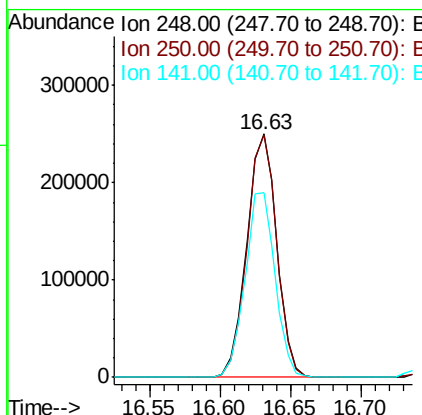
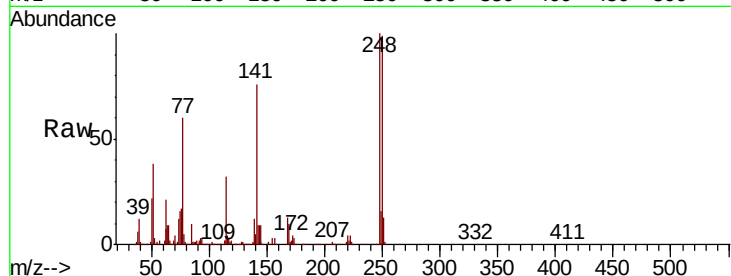




#67  
4-Bromophenyl-phenylether  
Concen: 50.812 ng  
RT: 16.63 min Scan# 2305  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

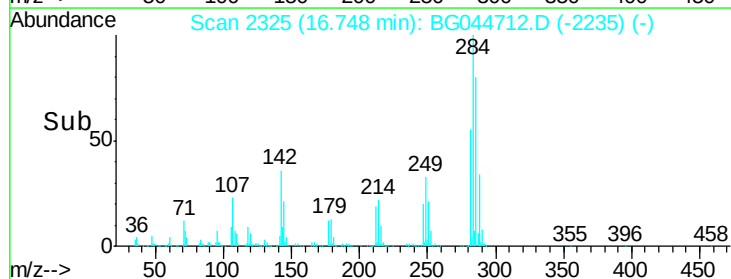
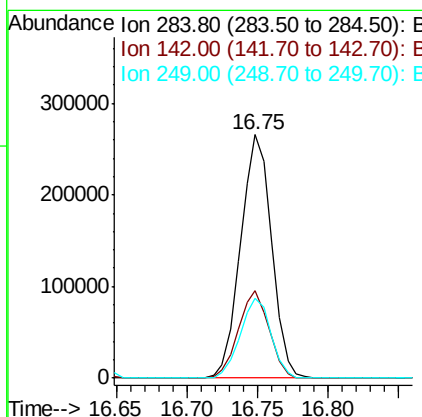
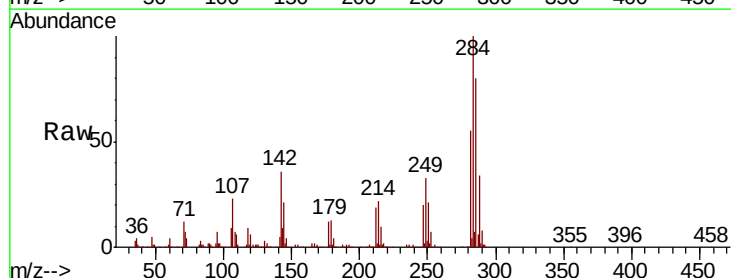
Instrument :  
BNA\_G  
ClientSampleId :

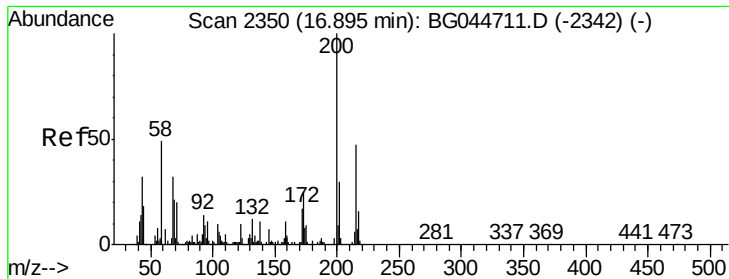
Tot Ion:248 Resp: 372753  
Ion Ratio Lower Upper  
248 100  
250 99.4 79.4 119.0  
141 75.6 61.7 92.5



#68  
Hexachlorobenzene  
Concen: 51.439 ng  
RT: 16.75 min Scan# 2325  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

Tgt Ion:284 Resp: 407464  
Ion Ratio Lower Upper  
284 100  
142 35.7 25.6 38.4  
249 32.9 25.8 38.6





#69

Atrazine

Concen: 49.102 ng

RT: 16.90 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

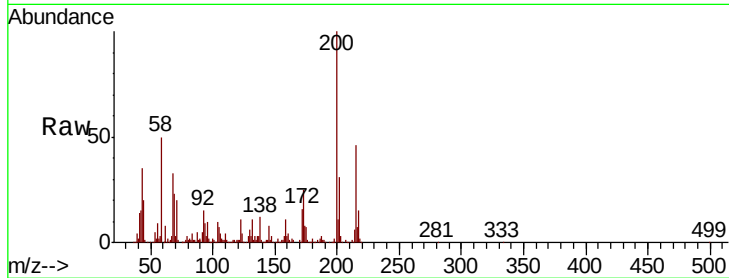
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:200 Resp: 337470

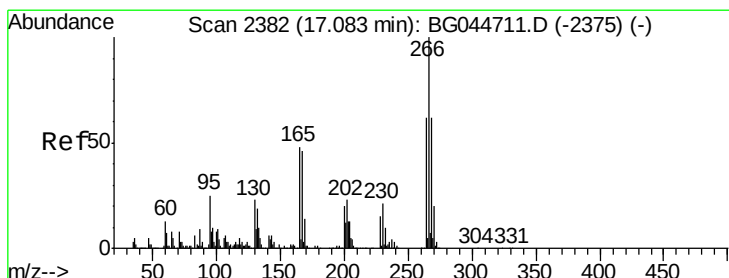
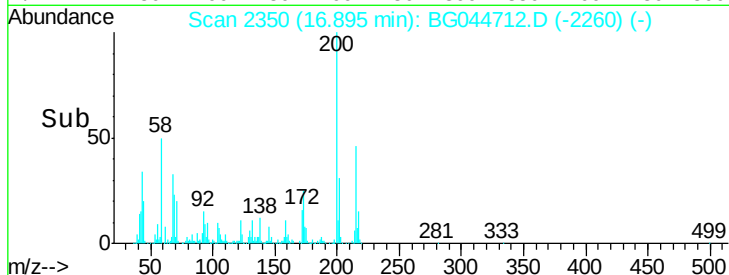
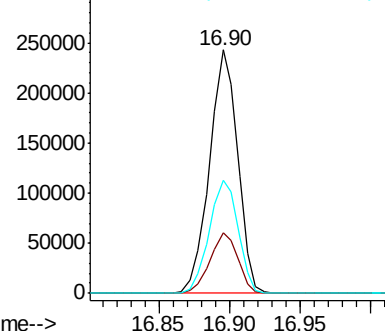
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 24.9  | 4.8   | 44.8  |
| 215 | 46.4  | 27.4  | 67.4  |



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: 51.848 ng

RT: 17.08 min Scan# 2382

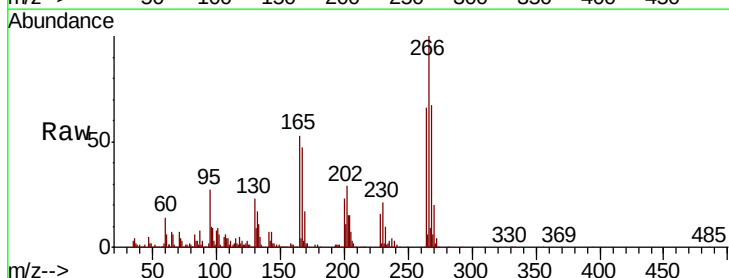
Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Tgt Ion:266 Resp: 233051

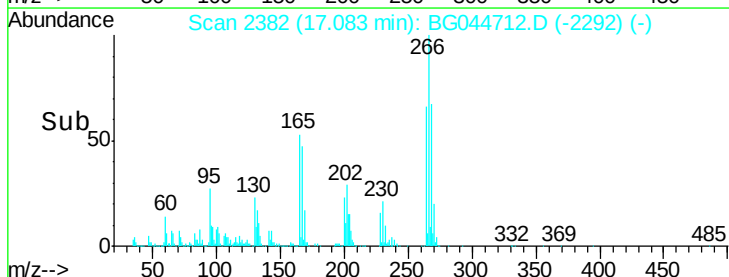
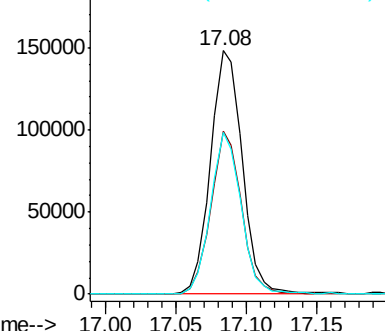
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 268 | 66.7  | 49.9  | 74.9  |
| 264 | 66.4  | 49.9  | 74.9  |

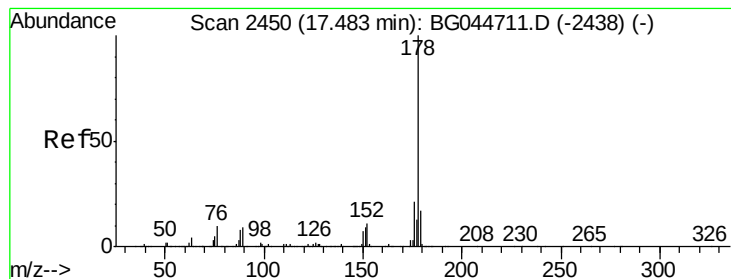


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.249 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampled :

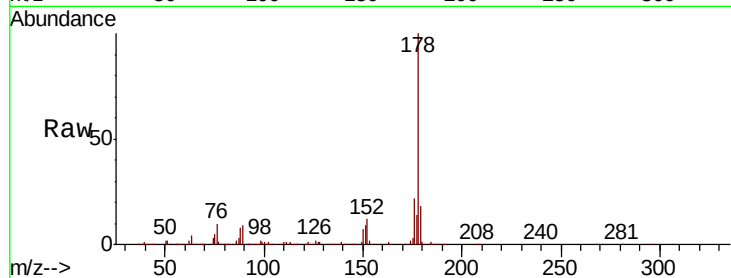
Tot Ion:178 Resp: 1602671

Ion Ratio Lower Upper

178 100

176 21.7 17.0 25.6

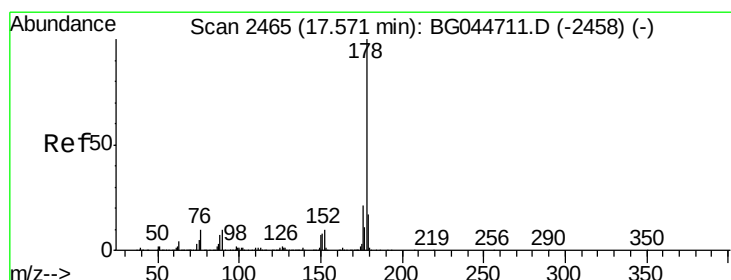
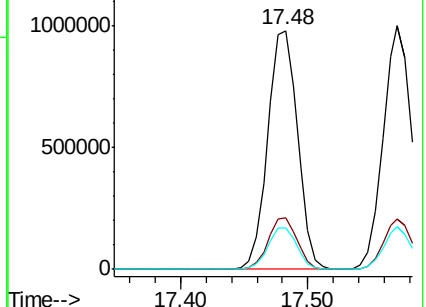
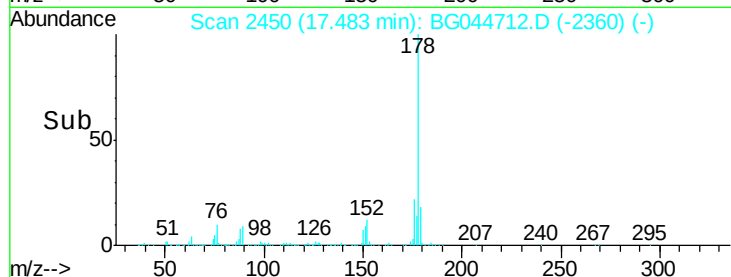
179 17.6 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.166 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

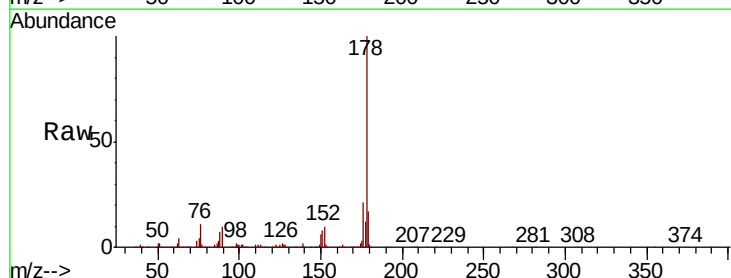
Tgt Ion:178 Resp: 1575935

Ion Ratio Lower Upper

178 100

176 20.8 17.0 25.6

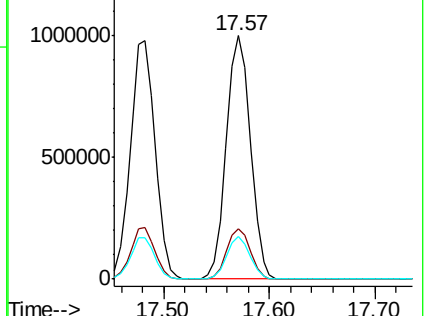
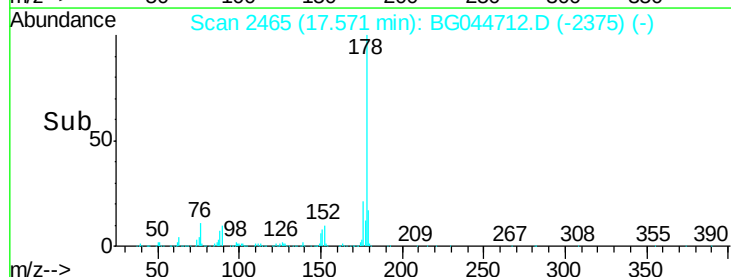
179 17.5 13.8 20.8



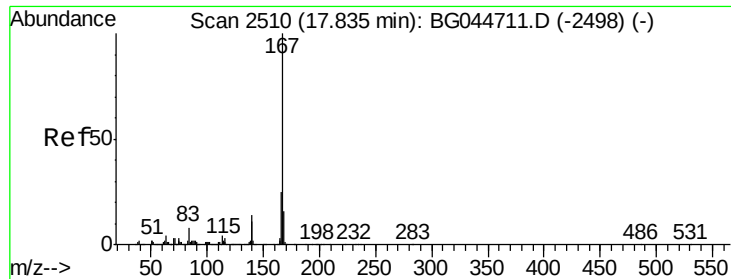
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





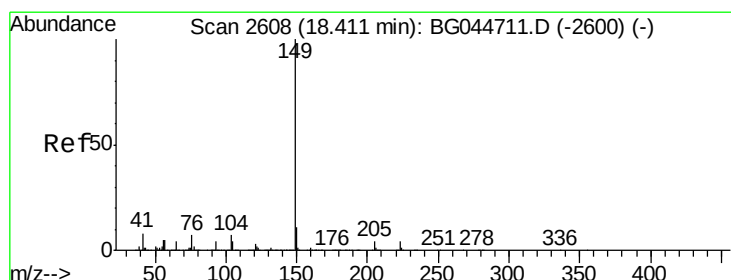
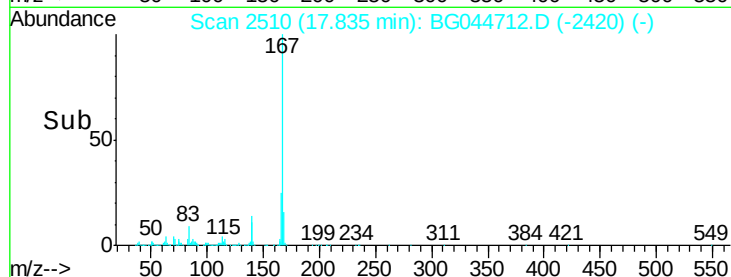
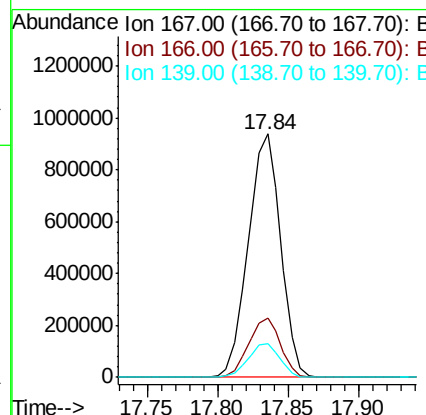
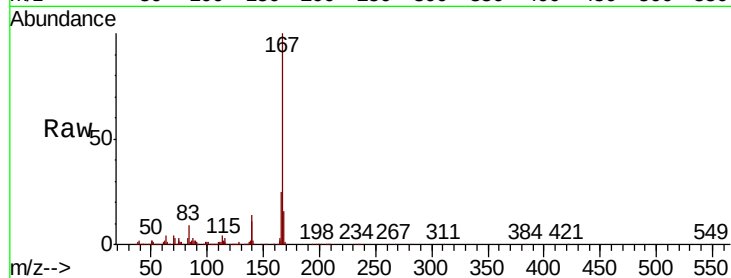


#73  
 Carbazole  
 Concen: 50.211 ng  
 RT: 17.84 min Scan# 2510  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:167 Resp: 1510582  

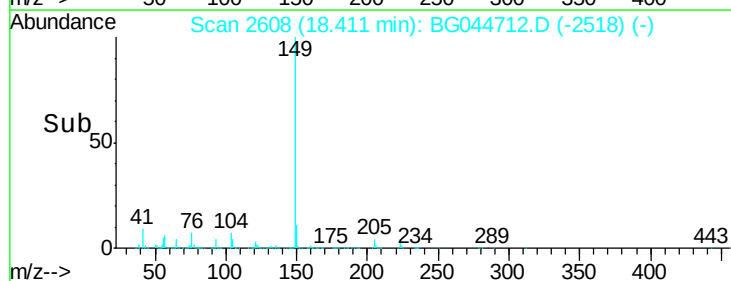
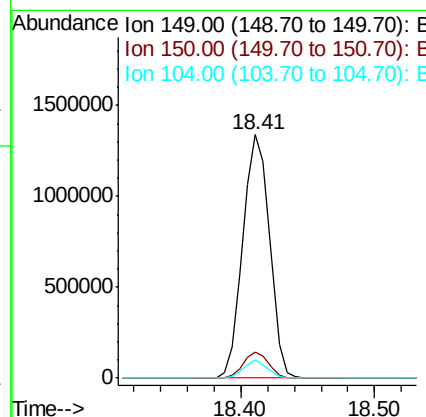
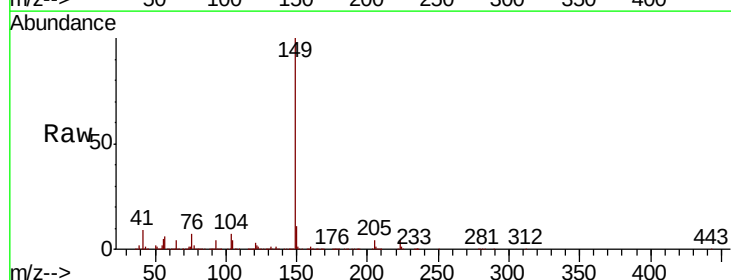
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 24.5  | 19.6  | 29.4  |
| 139 | 14.0  | 11.4  | 17.2  |

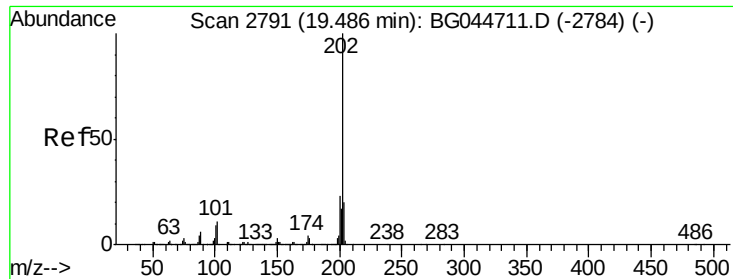


#74  
 Di-n-butylphthalate  
 Concen: 48.867 ng  
 RT: 18.41 min Scan# 2608  
 Delta R.T. -0.00 min  
 Lab File: BG044712.D  
 Acq: 10 Mar 2020 13:07

Tgt Ion:149 Resp: 1851572  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.9  | 8.4   | 12.6  |
| 104 | 7.4   | 5.6   | 8.4   |





#75

Fluoranthene

Concen: 49.058 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

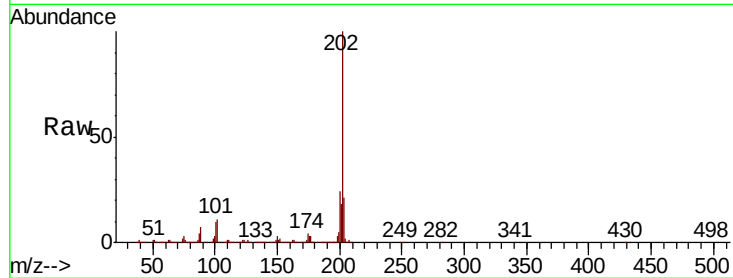
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:202 Resp: 1891035

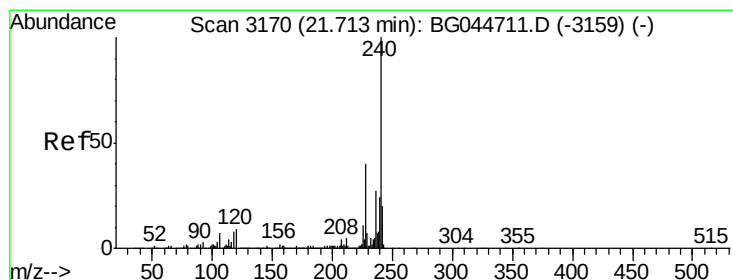
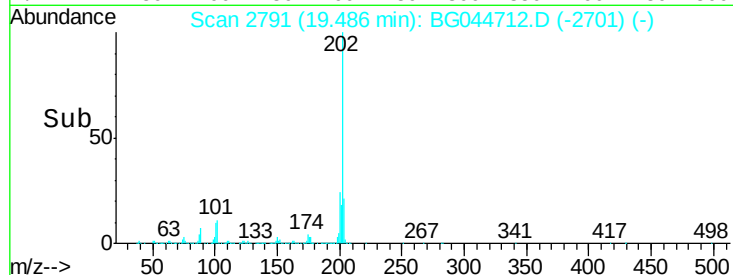
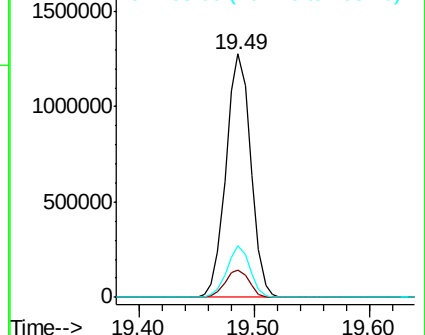
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.3  | 0.0   | 31.3  |
| 203 | 21.0  | 0.4   | 40.4  |



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: 21.71 min Scan# 3170

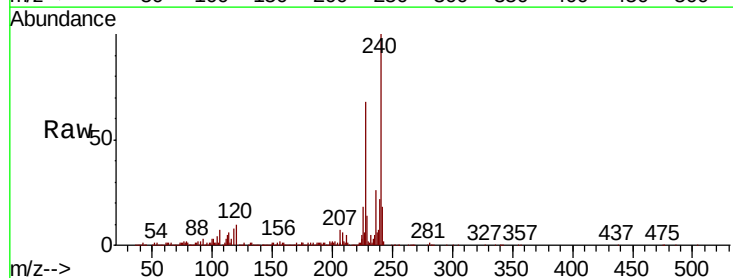
Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Tgt Ion:240 Resp: 500453

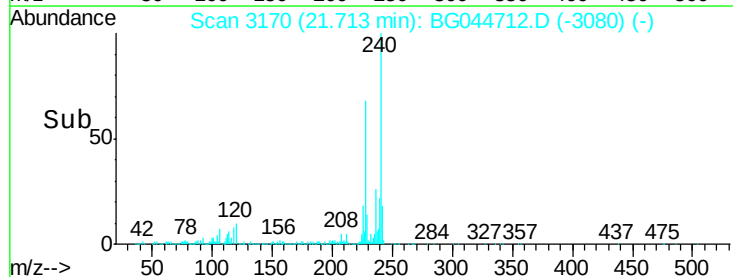
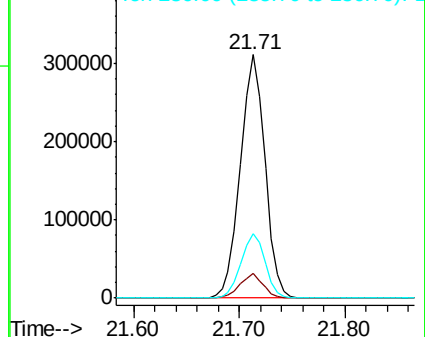
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.1  | 6.9   | 10.3  |
| 236 | 26.3  | 21.9  | 32.9  |

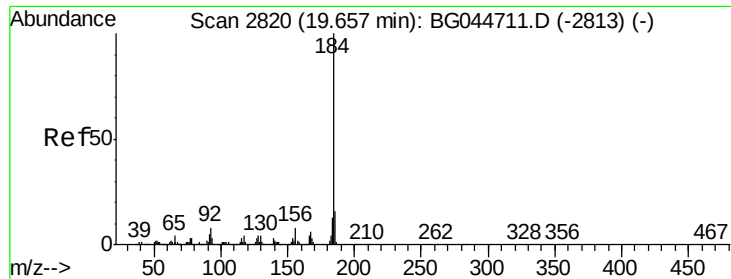


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.027 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

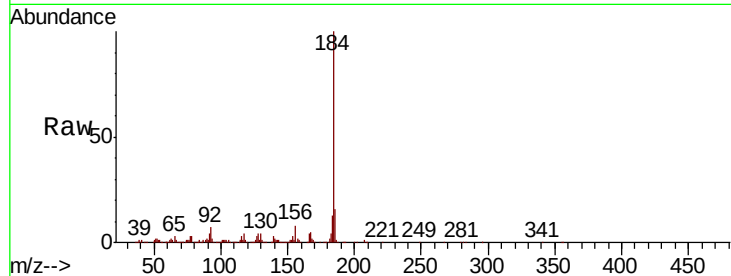
Tot Ion:184 Resp: 779672

Ion Ratio Lower Upper

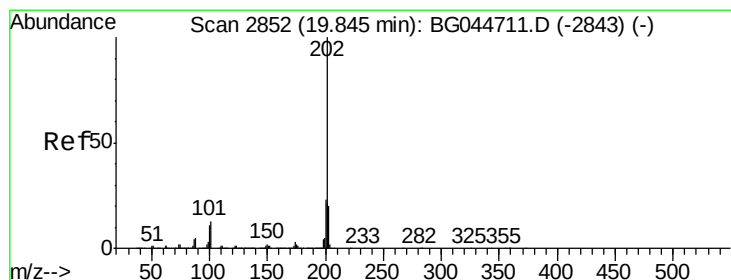
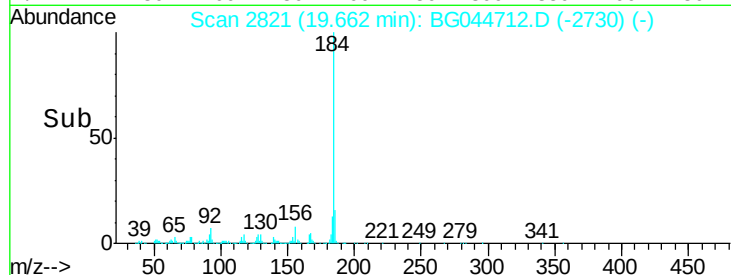
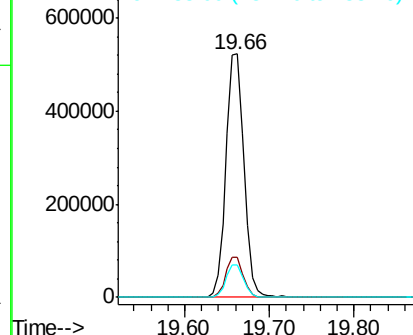
184 100

185 16.3 12.9 19.3

183 13.4 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: 49.893 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

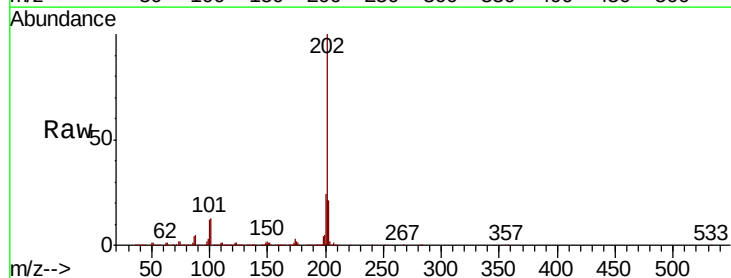
Tgt Ion:202 Resp: 1904515

Ion Ratio Lower Upper

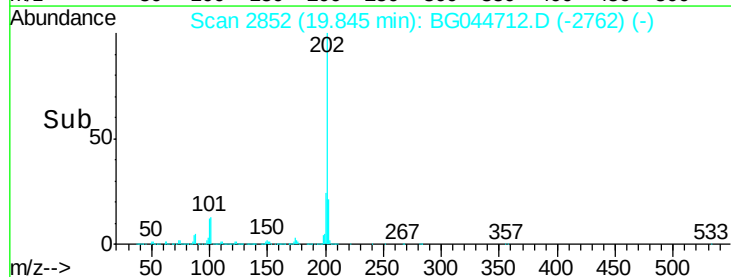
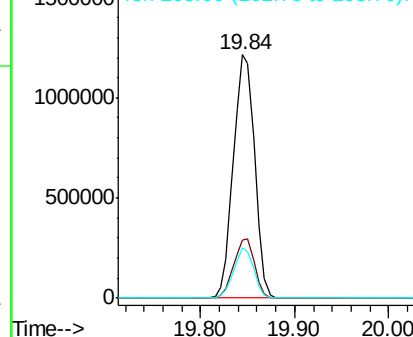
202 100

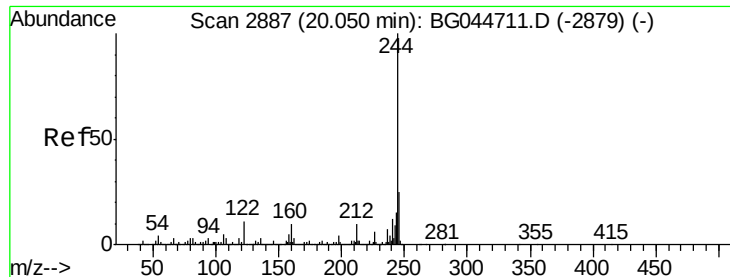
200 23.9 18.7 28.1

203 20.6 16.0 24.0



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: 93.604 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

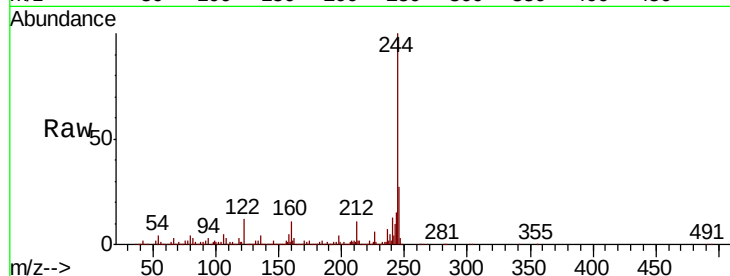
Tot Ion:244 Resp: 2624315

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.7  | 8.4   | 12.6  |
| 122 | 11.9  | 8.7   | 13.1  |

244 100

212 10.7 8.4 12.6

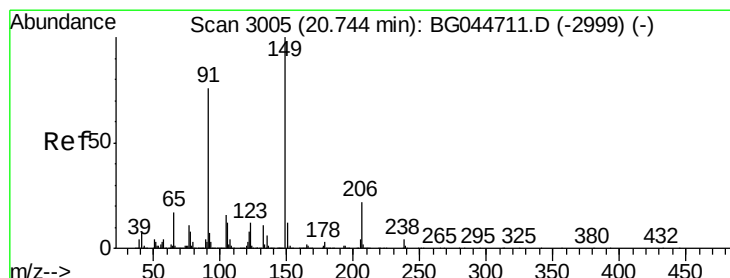
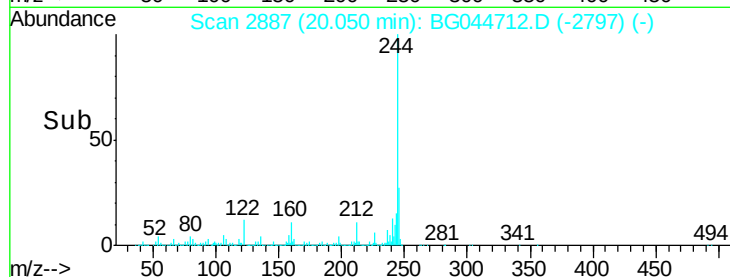
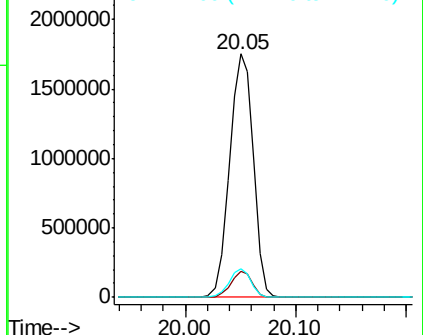
122 11.9 8.7 13.1



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: 50.845 ng

RT: 20.74 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

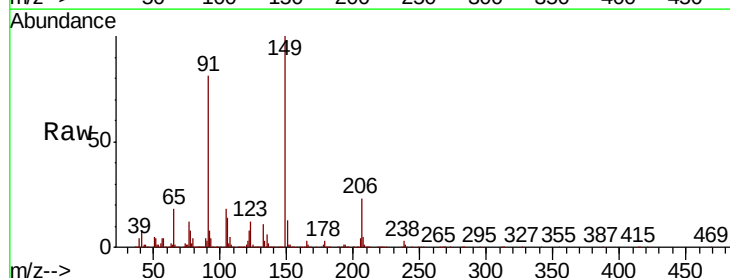
Tgt Ion:149 Resp: 866314

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 81.2  | 61.1  | 91.7  |
| 206 | 23.4  | 17.4  | 26.2  |

149 100

91 81.2 61.1 91.7

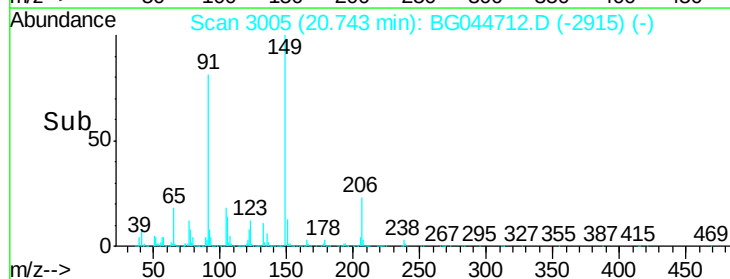
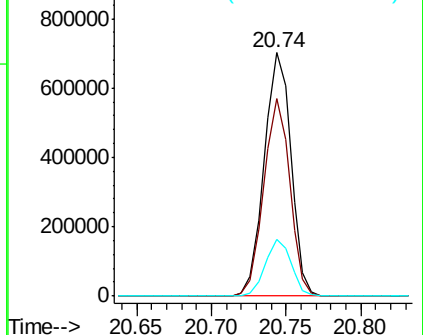
206 23.4 17.4 26.2

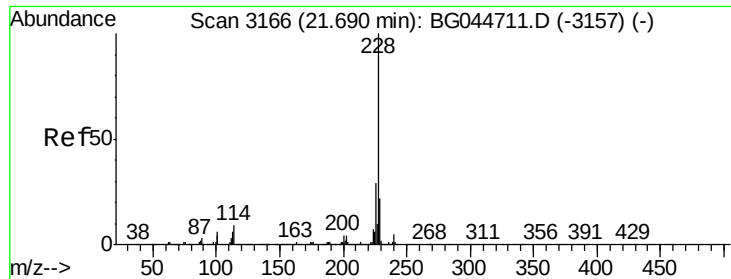


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.494 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampled :

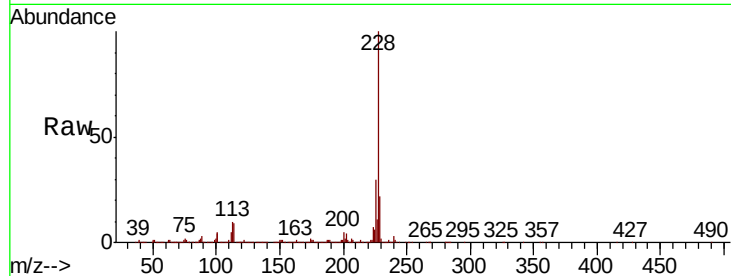
Tot Ion:228 Resp: 1857511

Ion Ratio Lower Upper

228 100

226 30.2 23.5 35.3

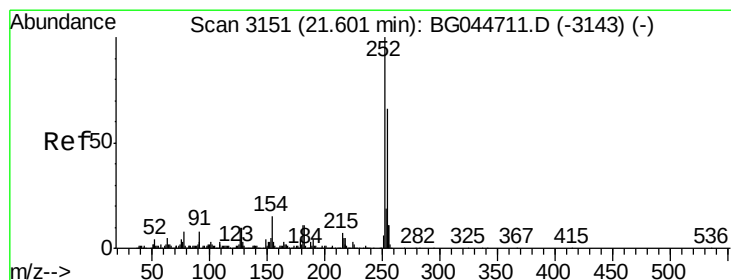
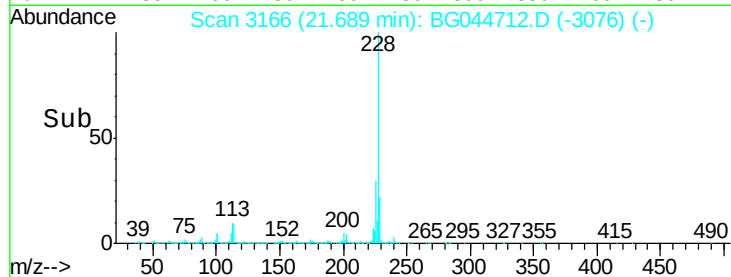
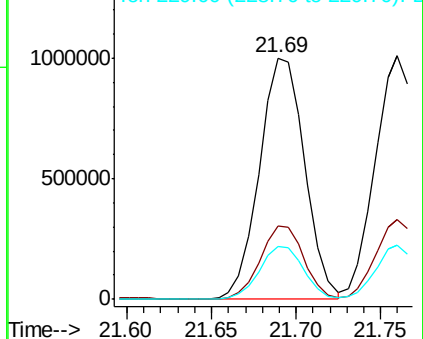
229 21.9 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 49.144 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

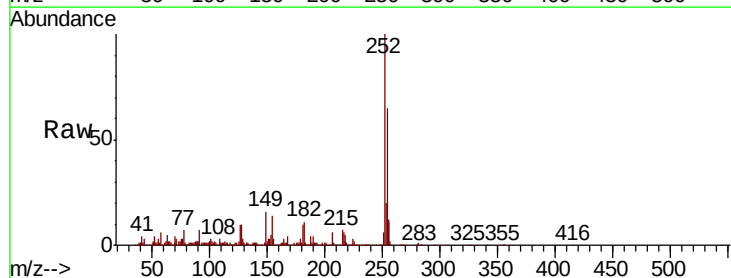
Tgt Ion:252 Resp: 734341

Ion Ratio Lower Upper

252 100

254 65.4 53.0 79.4

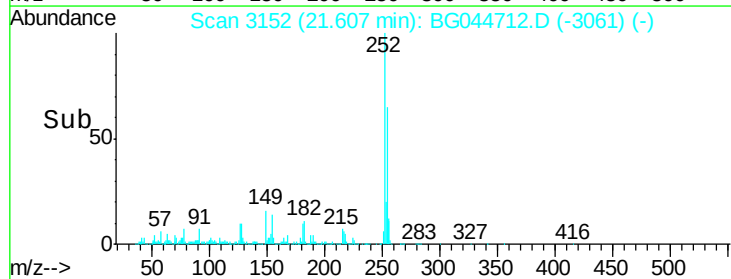
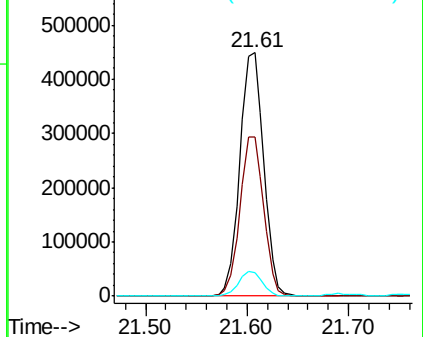
126 9.9 8.2 12.4

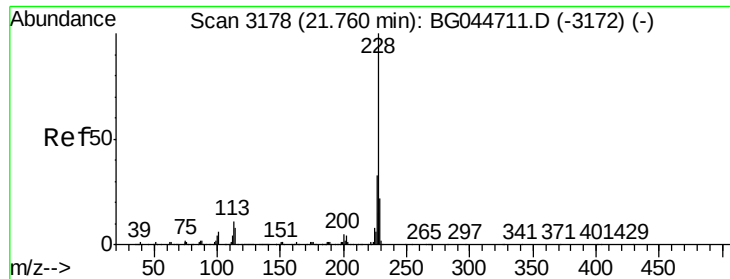


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

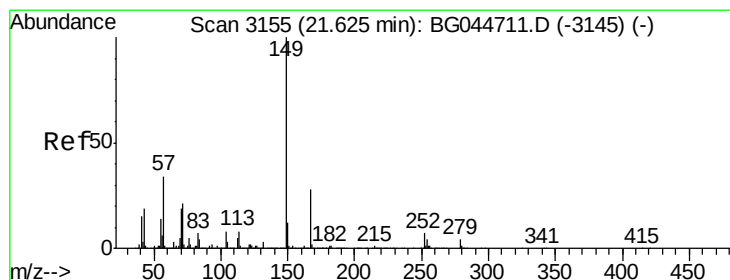
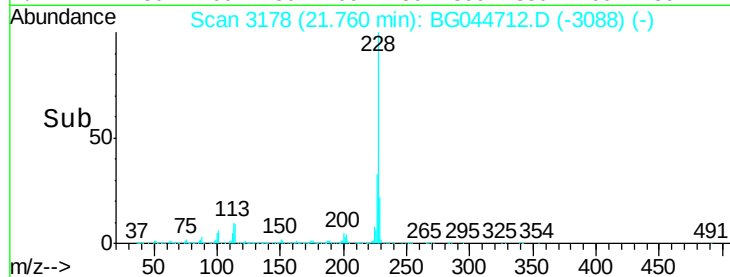
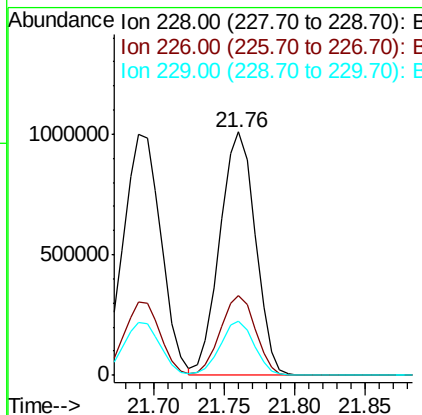
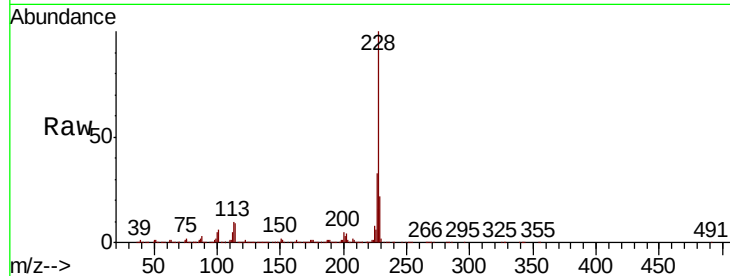




#83  
Chrysene  
Concen: 49.622 ng  
RT: 21.76 min Scan# 3178  
Delta R.T. -0.00 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

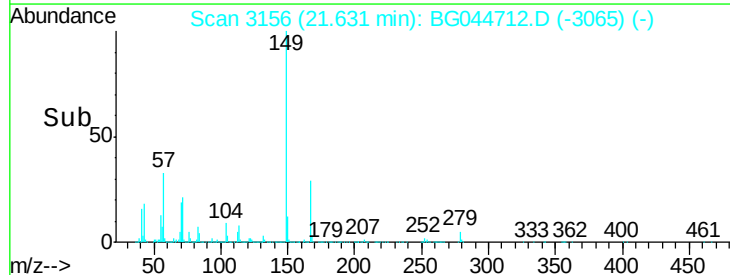
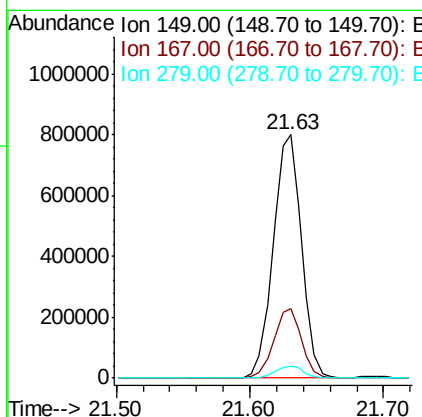
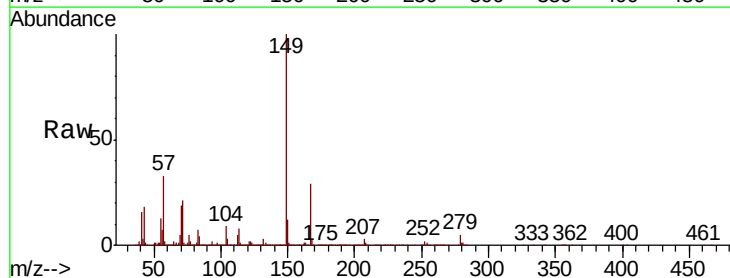
Instrument :  
BNA\_G  
ClientSampleId :

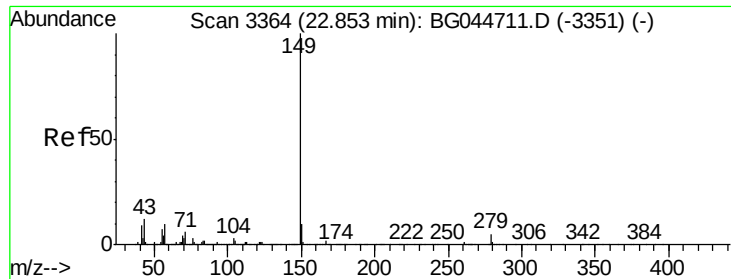
Tot Ion:228 Resp: 1772609  
Ion Ratio Lower Upper  
228 100  
226 32.5 26.1 39.1  
229 22.2 17.4 26.0



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.761 ng  
RT: 21.63 min Scan# 3156  
Delta R.T. 0.01 min  
Lab File: BG044712.D  
Acq: 10 Mar 2020 13:07

Tgt Ion:149 Resp: 1182346  
Ion Ratio Lower Upper  
149 100  
167 28.6 22.6 33.8  
279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 49.321 ng

RT: 22.85 min Scan# 3364

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampled :

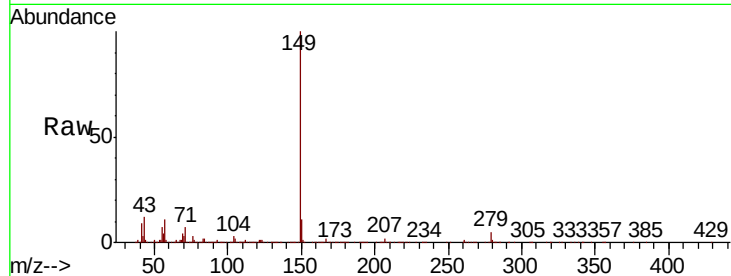
Tot Ion:149 Resp: 2012438

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

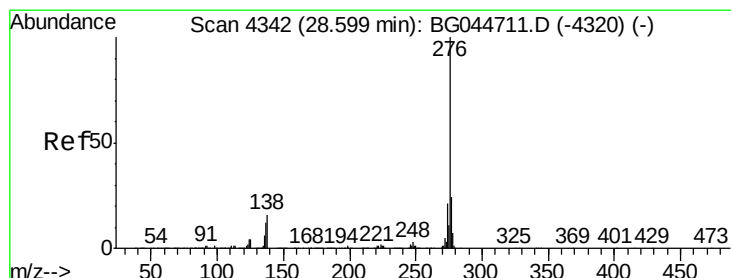
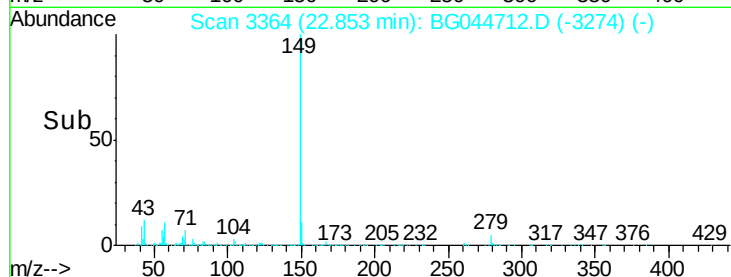
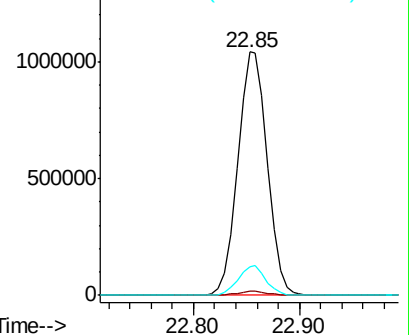
43 11.5 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.536 ng

RT: 28.60 min Scan# 4342

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

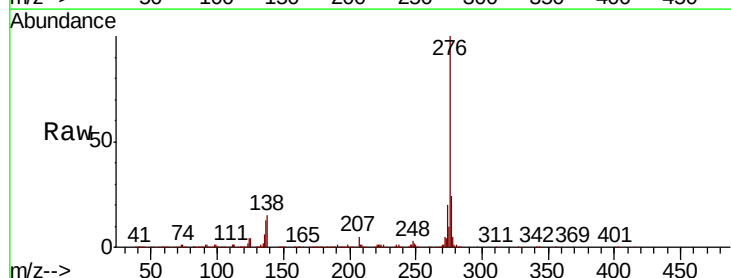
Tgt Ion:276 Resp: 2336998

Ion Ratio Lower Upper

276 100

138 7.5 10.9 16.3#

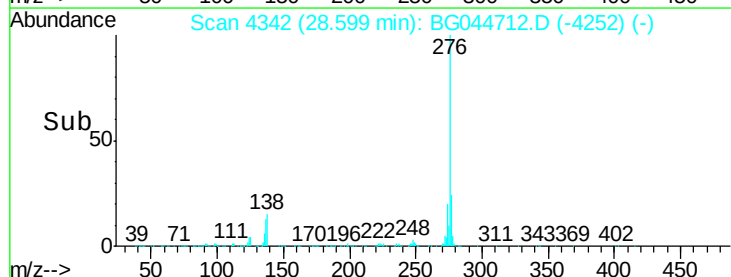
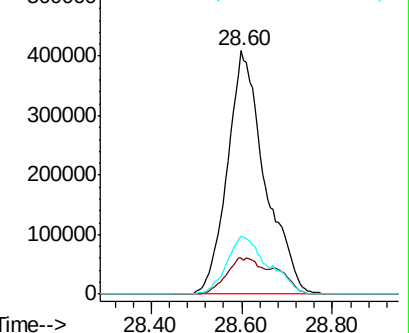
277 26.2 20.8 31.2

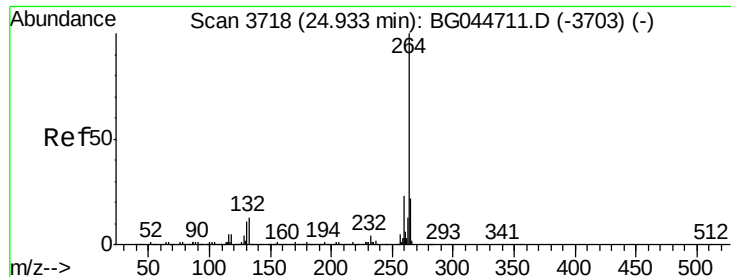


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

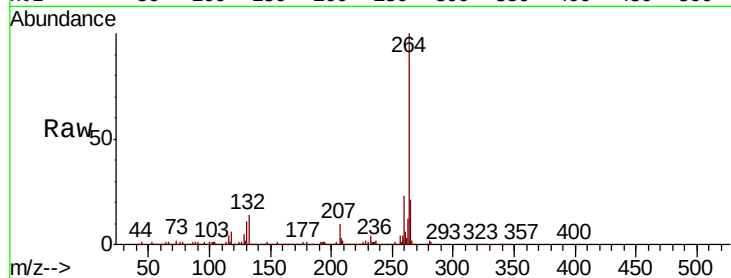
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:264 Resp: 592906

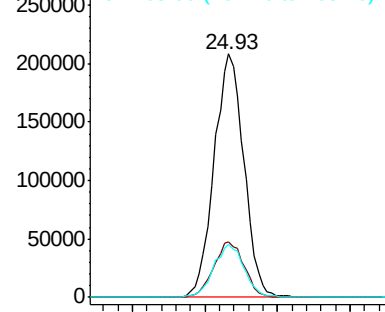
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.7  | 18.4  | 27.6  |
| 265 | 21.5  | 17.4  | 26.2  |



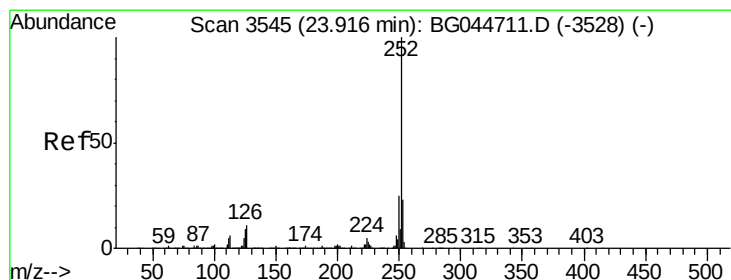
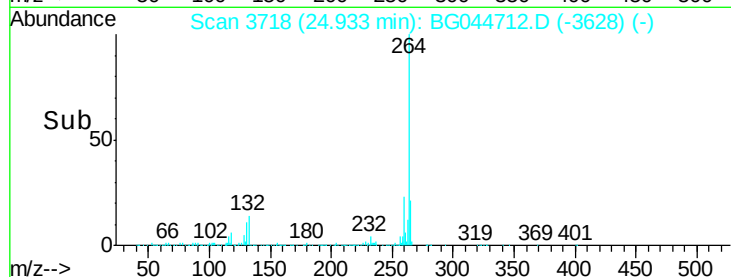
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 49.716 ng

RT: 23.92 min Scan# 3545

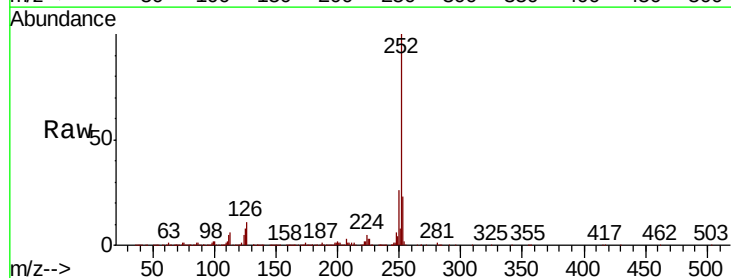
Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Tgt Ion:252 Resp: 2006177

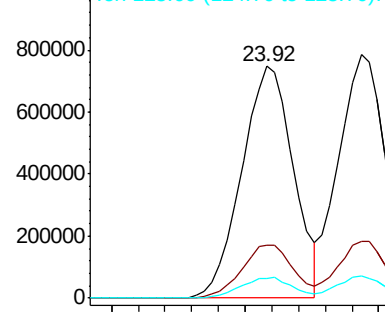
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 18.7  | 28.1  |
| 125 | 8.3   | 7.2   | 10.8  |



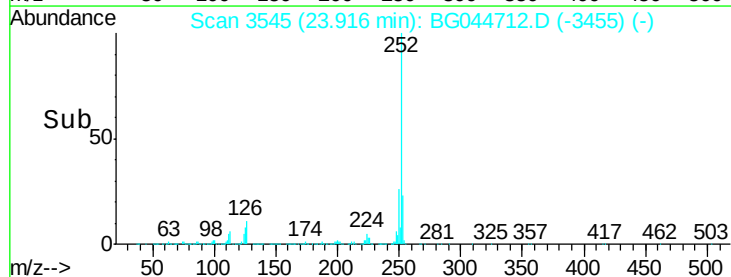
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

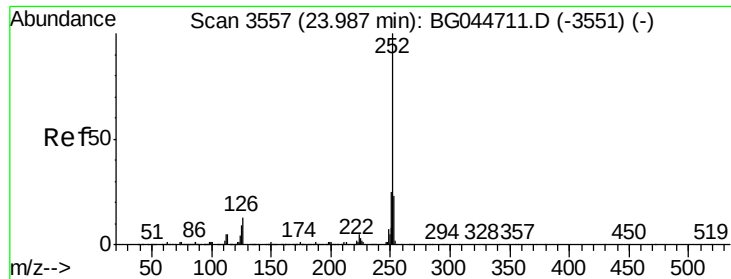
Ion 125.00 (124.70 to 125.70): E



Time-->







#89

Benzo(k)fluoranthene

Concen: 49.984 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampleId :

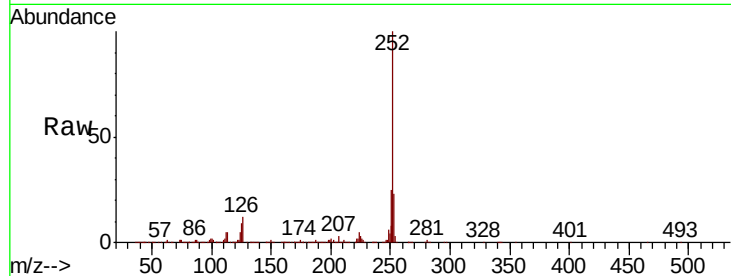
Tot Ion:252 Resp: 1890647

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

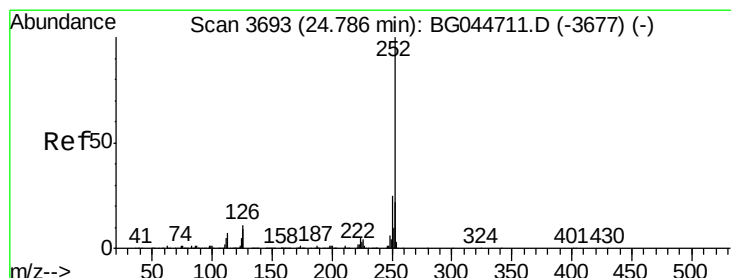
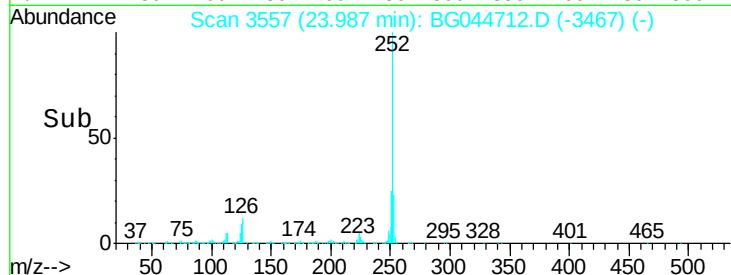
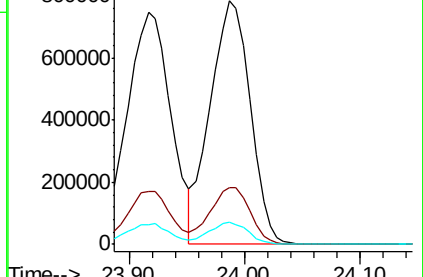
125 9.0 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.399 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

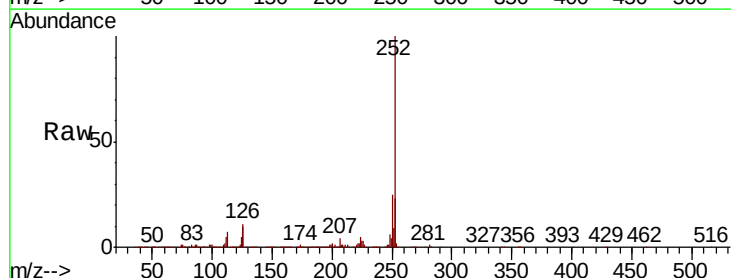
Tgt Ion:252 Resp: 1894139

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

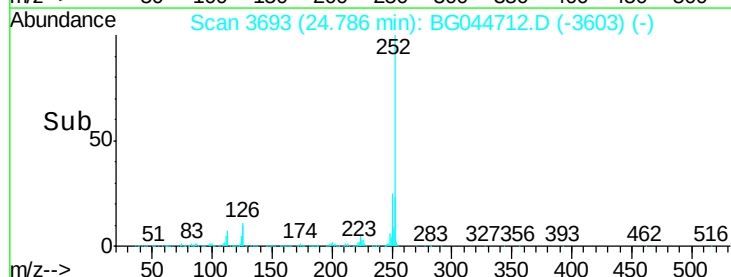
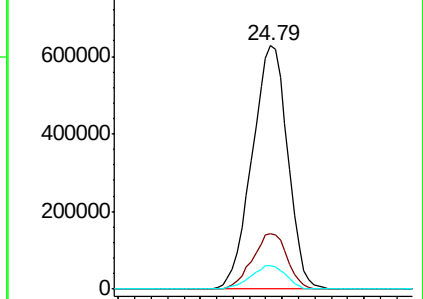
125 9.8 7.0 10.6

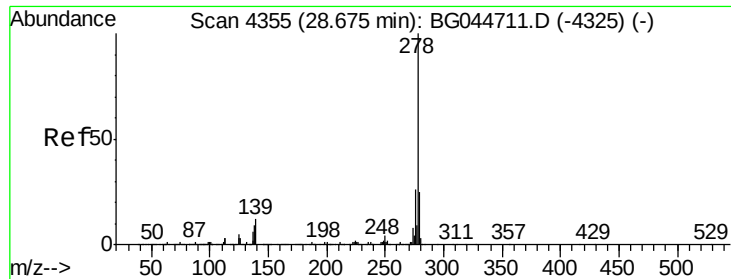


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.926 ng

RT: 28.68 min Scan# 4356

Delta R.T. 0.01 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA\_G

ClientSampled :

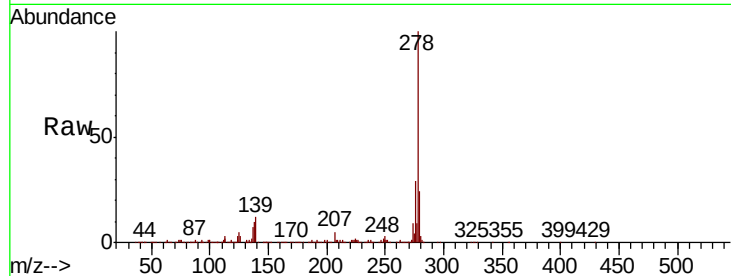
Tot Ion:278 Resp: 1833575

Ion Ratio Lower Upper

278 100

139 12.0 9.9 14.9

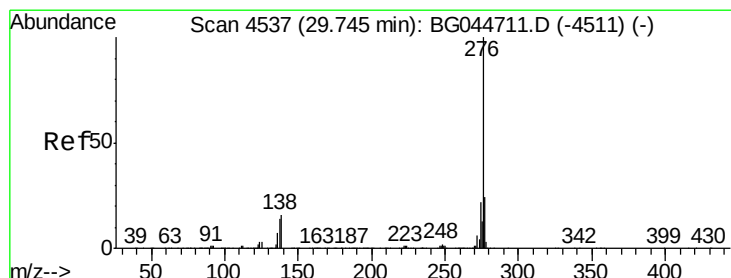
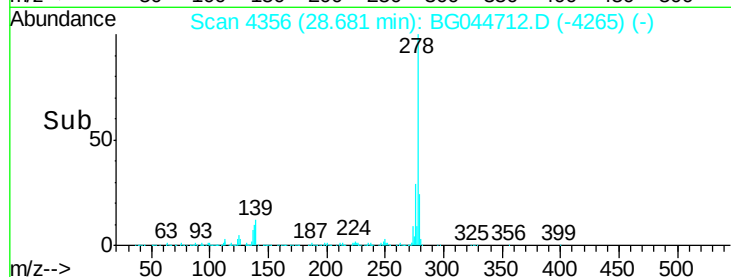
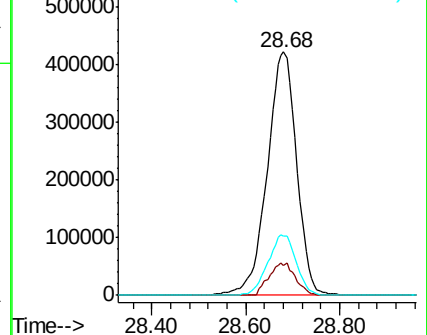
279 24.2 20.2 30.4



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: 49.553 ng

RT: 29.75 min Scan# 4538

Delta R.T. 0.01 min

Lab File: BG044712.D

Acq: 10 Mar 2020 13:07

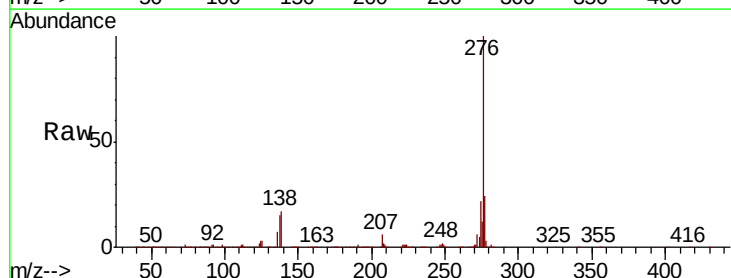
Tgt Ion:276 Resp: 1860177

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 16.6 13.0 19.4



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

