

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
 Data File : BG041321.D  
 Acq On : 19 Jun 2019 10:37  
 Operator : HP/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 19 13:46:25 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 14:58:02 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 29531    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.90 | 136  | 127899   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.71 | 164  | 94328    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.46 | 188  | 249387   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 251778   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.04 | 264  | 268568   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 140094  | 87.17 | ng | 0.00 |
| 7) Phenol-d6             | 7.23  | 99  | 204546  | 87.80 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.26  | 82  | 251004  | 82.54 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.21 | 330 | 120145  | 82.96 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.33 | 172 | 567838  | 81.82 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.06 | 244 | 1070211 | 84.24 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.47  | 88  | 31352  | 38.902 | ng | 99     |
| 3) Pyridine                    | 3.89  | 79  | 89719  | 41.964 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.80  | 42  | 46973  | 41.199 | ng | # 94   |
| 6) Aniline                     | 7.40  | 93  | 138030 | 42.626 | ng | 99     |
| 8) 2-Chlorophenol              | 7.63  | 128 | 79431  | 42.061 | ng | 97     |
| 9) Benzaldehyde                | 7.22  | 77  | 64461  | 43.261 | ng | 95     |
| 10) Phenol                     | 7.26  | 94  | 109756 | 43.811 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.49  | 93  | 80168  | 42.175 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.96  | 146 | 99095  | 41.908 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 8.11  | 146 | 102251 | 42.334 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.43  | 146 | 96830  | 41.972 | ng | 93     |
| 15) Benzyl Alcohol             | 8.32  | 79  | 93147  | 41.731 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 128321 | 41.238 | ng | 98     |
| 17) 2-Methylphenol             | 8.52  | 107 | 76399  | 42.656 | ng | 96     |
| 18) Hexachloroethane           | 9.16  | 117 | 40199  | 41.999 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.88  | 70  | 76240  | 40.463 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.85  | 107 | 110609 | 46.391 | ng | 98     |
| 22) Acetophenone               | 8.91  | 105 | 150414 | 40.413 | ng | 99     |
| 24) Nitrobenzene               | 9.30  | 77  | 124657 | 40.757 | ng | 98     |
| 25) Isophorone                 | 9.81  | 82  | 217217 | 38.932 | ng | 100    |
| 26) 2-Nitrophenol              | 10.01 | 139 | 51704  | 41.697 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.06 | 122 | 75737  | 40.747 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93  | 115044 | 39.573 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.54 | 162 | 98942  | 42.931 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.75 | 180 | 121863 | 41.287 | ng | 96     |
| 31) Naphthalene                | 10.95 | 128 | 283970 | 40.852 | ng | 99     |
| 32) Benzoic acid               | 10.20 | 122 | 55345  | 45.741 | ng | 90     |
| 33) 4-Chloroaniline            | 11.07 | 127 | 125738 | 42.592 | ng | # 94   |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 92258  | 39.378 | ng | 96     |
| 35) Caprolactam                | 11.86 | 113 | 32777  | 41.312 | ng | # 84   |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 113554 | 42.657 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.55 | 142 | 213451 | 41.693 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.77 | 142 | 203362 | 41.517 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.91 | 216 | 161222 | 41.391 | ng | 99     |

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 Data File : BG041321.D  
 Acq On : 19 Jun 2019 10:37  
 Operator : HP/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

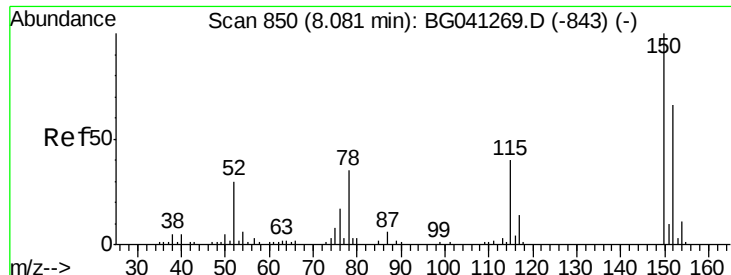
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 19 13:46:25 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 14:58:02 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 152825   | 58.248 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.15 | 196  | 101598   | 42.165 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.23 | 196  | 102246   | 41.240 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.55 | 154  | 293368   | 41.139 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.60 | 162  | 252854   | 41.185 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.81 | 65   | 94477    | 42.017 | ng    | 97       |
| 49) Acenaphthylene             | 14.44 | 152  | 377804   | 40.552 | ng    | 99       |
| 50) Dimethylphthalate          | 14.16 | 163  | 338233   | 40.300 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.30 | 165  | 71424    | 40.360 | ng    | 98       |
| 52) Acenaphthene               | 14.78 | 154  | 223290   | 40.815 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.63 | 138  | 72686    | 41.688 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.84 | 184  | 42763    | 36.417 | ng    | 93       |
| 55) Dibenzofuran               | 15.11 | 168  | 390948   | 41.101 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.93 | 139  | 48371    | 38.266 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 15.08 | 165  | 104186   | 40.274 | ng    | 94       |
| 58) Fluorene                   | 15.76 | 166  | 313808   | 41.939 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 102495   | 39.977 | ng    | 95       |
| 60) Diethylphthalate           | 15.51 | 149  | 343344   | 40.248 | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 201652   | 41.422 | ng    | 93       |
| 62) 4-Nitroaniline             | 15.80 | 138  | 79606    | 42.689 | ng    | 98       |
| 63) Azobenzene                 | 16.04 | 77   | 315541   | 41.461 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 198  | 56037    | 34.618 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.97 | 169  | 276637   | 41.776 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 133907   | 41.526 | ng    | 93       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 144034   | 41.712 | ng    | 96       |
| 69) Atrazine                   | 16.91 | 200  | 98992    | 39.869 | ng    | 98       |
| 70) Pentachlorophenol          | 17.11 | 266  | 67754    | 38.319 | ng    | 96       |
| 71) Phenanthrene               | 17.51 | 178  | 543438   | 40.858 | ng    | 98       |
| 72) Anthracene                 | 17.59 | 178  | 545755   | 41.620 | ng    | 99       |
| 73) Carbazole                  | 17.87 | 167  | 458396   | 39.962 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.40 | 149  | 572349   | 39.989 | ng    | 98       |
| 75) Fluoranthene               | 19.51 | 202  | 699857   | 39.607 | ng    | 99       |
| 77) Benzidine                  | 19.69 | 184  | 241607   | 39.673 | ng    | 99       |
| 78) Pyrene                     | 19.87 | 202  | 702990   | 41.401 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 265472   | 41.334 | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.72 | 228  | 709174   | 41.600 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.63 | 252  | 239083   | 39.951 | ng    | 100      |
| 83) Chrysene                   | 21.78 | 228  | 677374   | 41.318 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 368480   | 42.099 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.82 | 149  | 619364   | 41.825 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.85 | 276  | 780337   | 40.119 | ng    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.99 | 252  | 688135   | 41.344 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.06 | 252  | 682759   | 41.409 | ng    | 100      |
| 90) Benzo(a)pyrene             | 24.89 | 252  | 652712   | 41.524 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.92 | 278  | 642461   | 40.597 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.06 | 276  | 592779   | 37.904 | ng    | 96       |

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



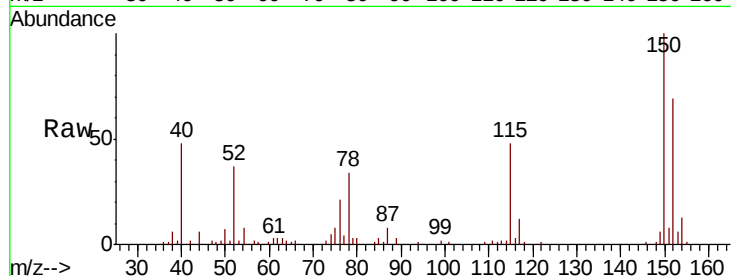


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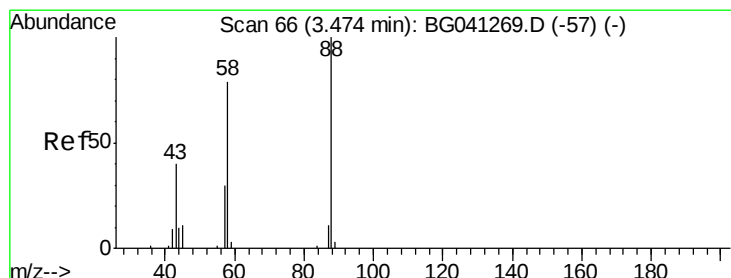
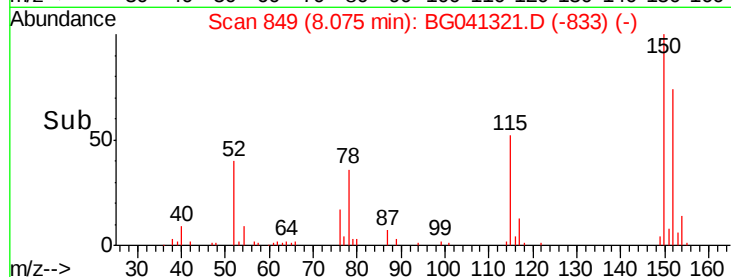
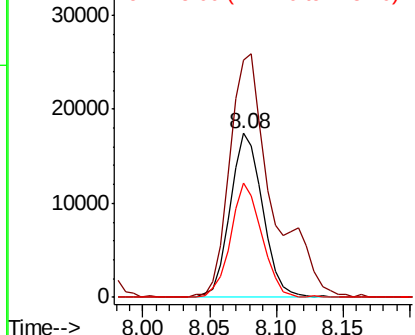
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Concen: 20.000 ng  
RT: 8.08 min Scan# 849  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 29531  
Ion Ratio Lower Upper  
152 100  
150 144.5 120.6 181.0  
115 69.6 47.9 71.9



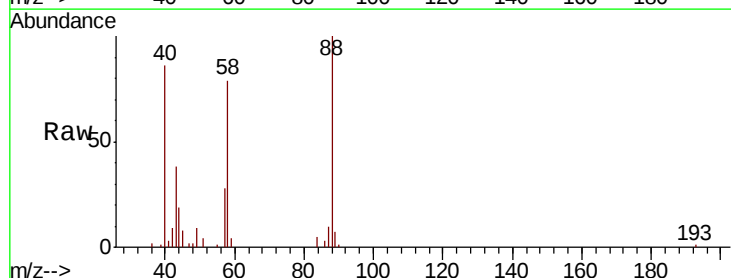
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



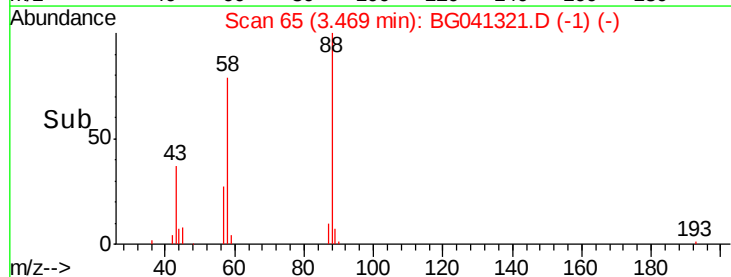
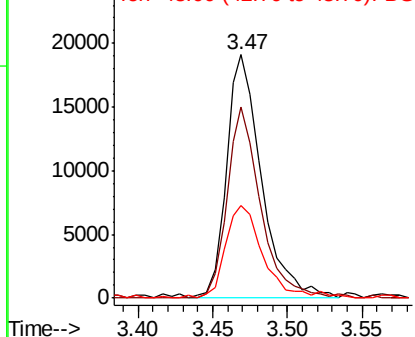
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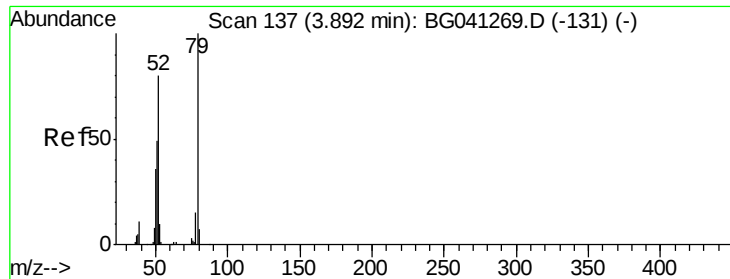
1,4-Dioxane  
Concen: 38.902 ng  
RT: 3.47 min Scan# 65  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Tgt Ion: 88 Resp: 31352  
Ion Ratio Lower Upper  
88 100  
58 75.2 59.7 89.5  
43 41.3 31.9 47.9



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: 41.964 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampled :

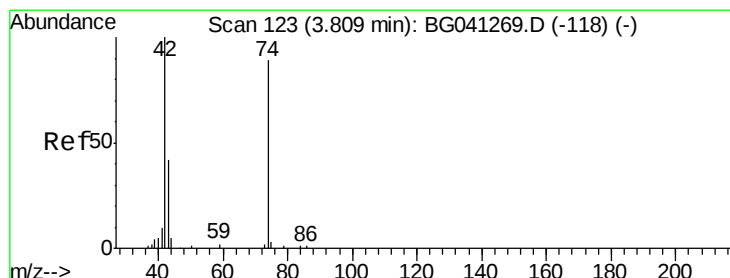
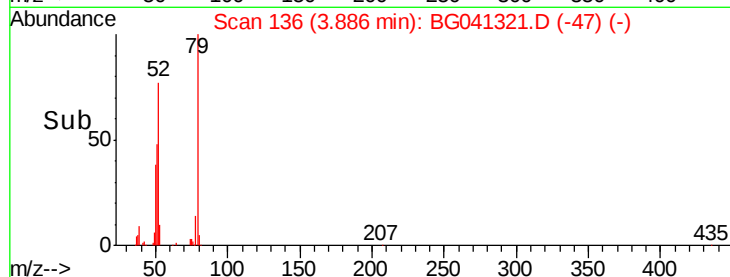
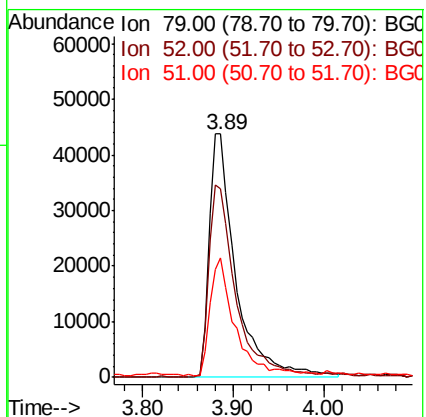
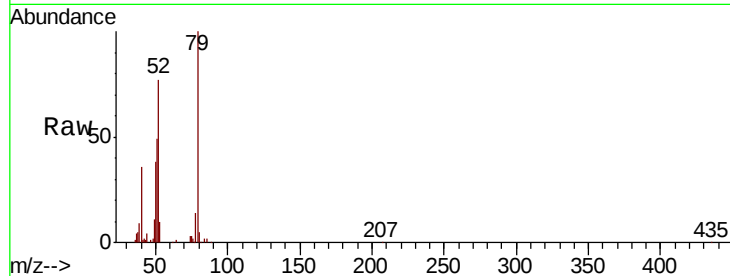
Tot Ion: 79 Resp: 89719

Ion Ratio Lower Upper

79 100

52 77.4 63.6 95.4

51 49.1 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 41.199 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

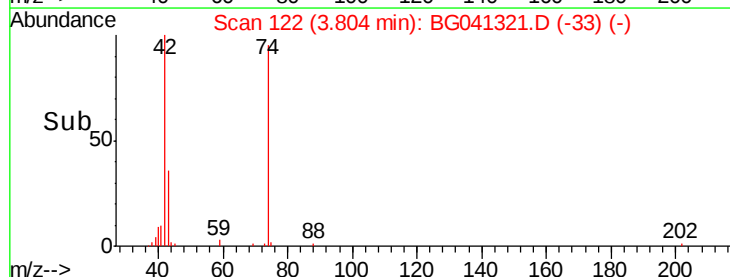
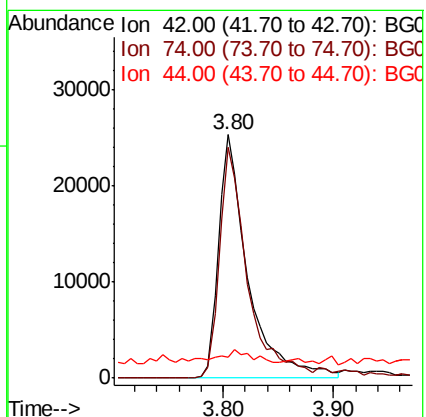
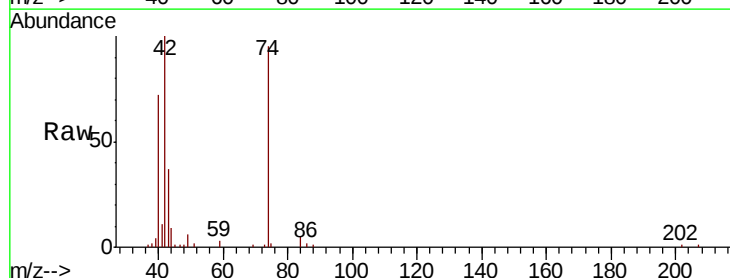
Tgt Ion: 42 Resp: 46973

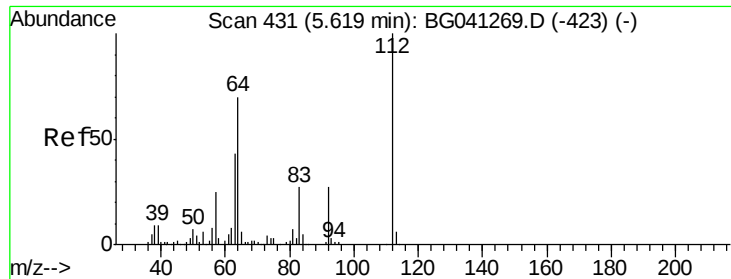
Ion Ratio Lower Upper

42 100

74 94.6 71.6 107.4

44 8.8 9.0 13.4#





#5

2-Fluorophenol

Concen: 87.166 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampleId :

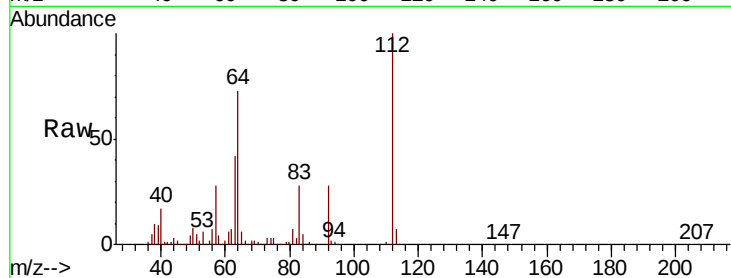
Tot Ion:112 Resp: 140094

Ion Ratio Lower Upper

112 100

64 72.5 55.9 83.9

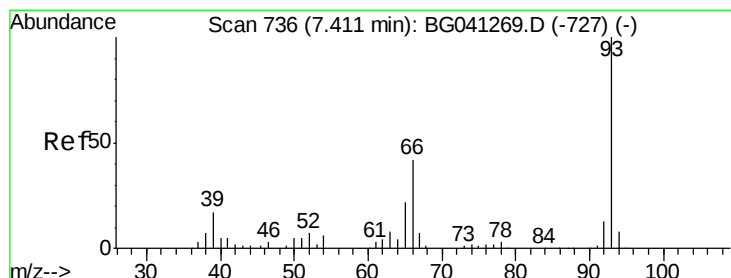
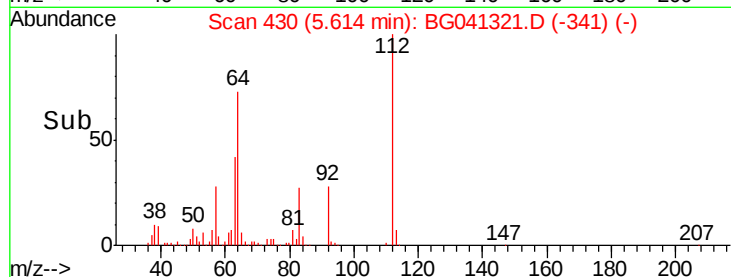
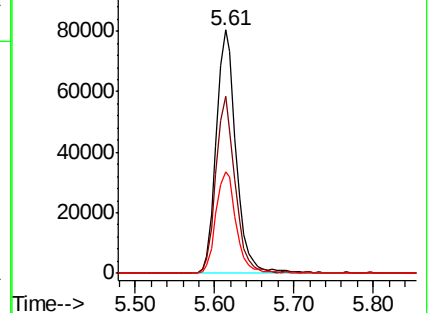
63 41.7 34.6 51.8



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: 42.626 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

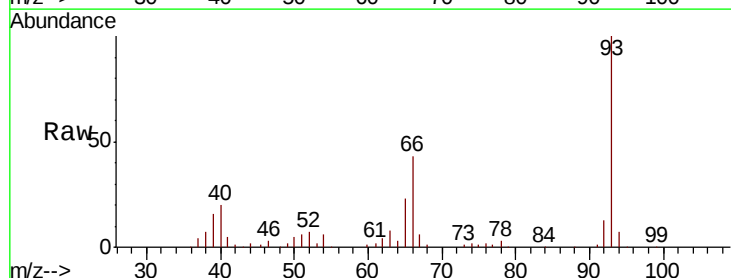
Tgt Ion: 93 Resp: 138030

Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.2

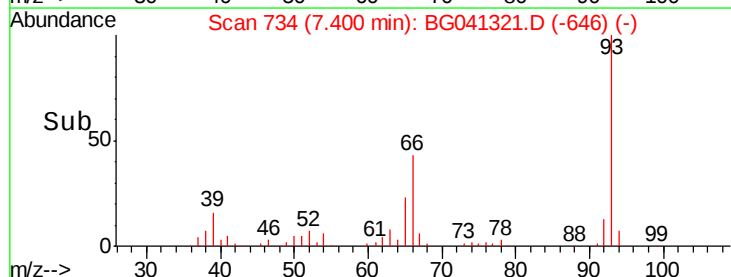
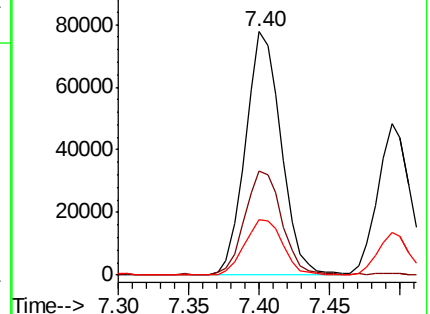
65 22.8 17.7 26.5

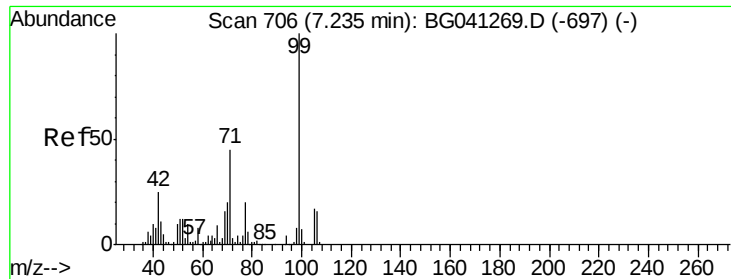


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.801 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampled :

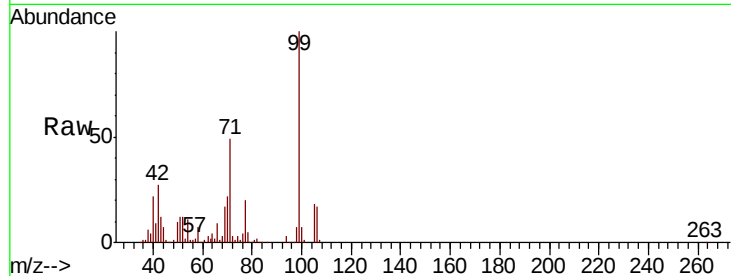
Tot Ion: 99 Resp: 204546

Ion Ratio Lower Upper

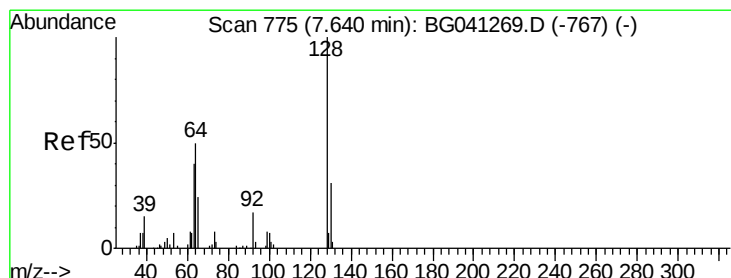
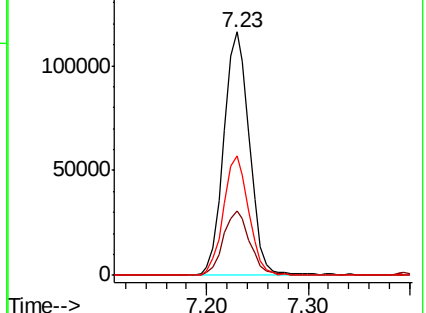
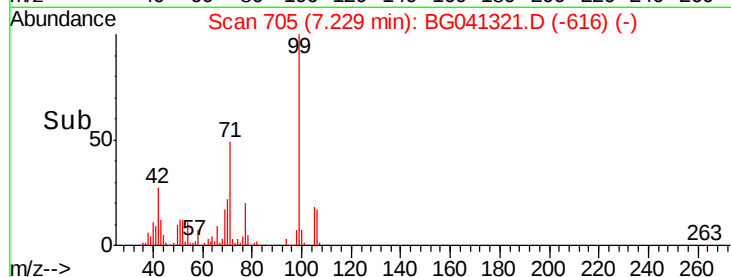
99 100

42 26.7 19.9 29.9

71 49.0 36.4 54.6



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



#8

2-Chlorophenol

Concen: 42.061 ng

RT: 7.63 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

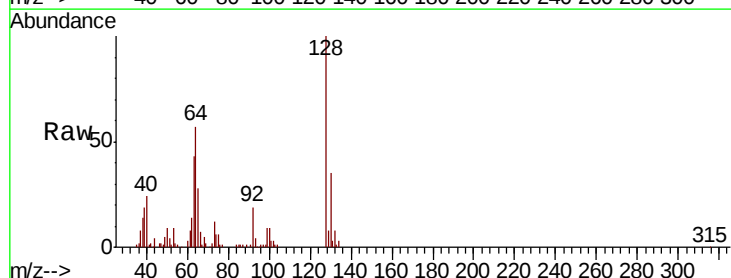
Tgt Ion: 128 Resp: 79431

Ion Ratio Lower Upper

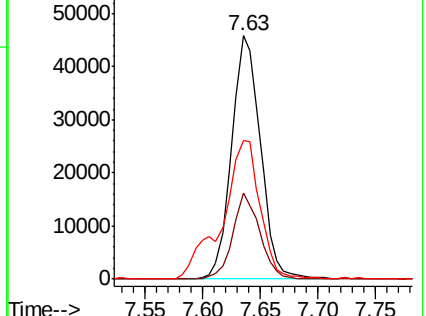
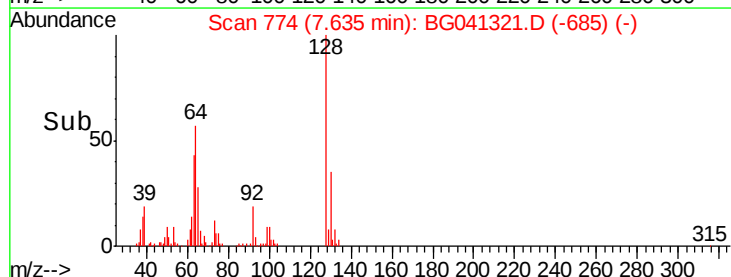
128 100

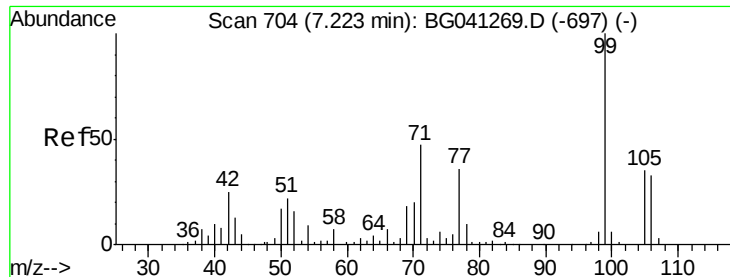
130 35.3 11.1 51.1

64 57.2 36.6 76.6



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: 43.261 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampled :

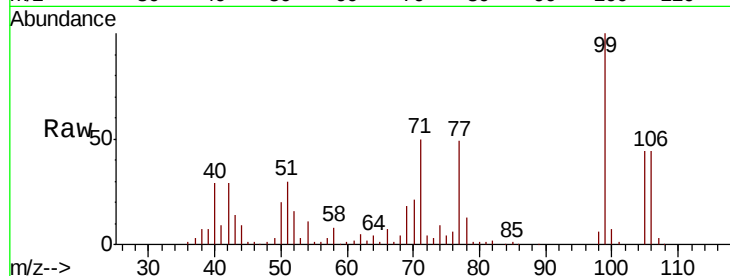
Tot Ion: 77 Resp: 64461

Ion Ratio Lower Upper

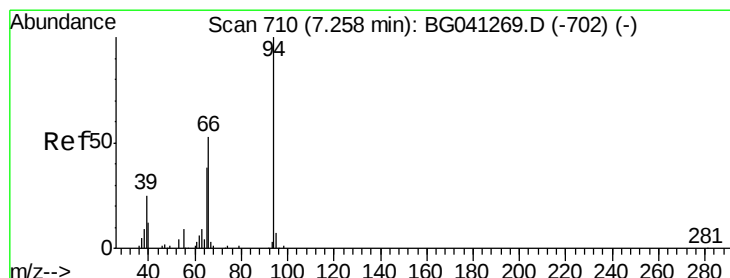
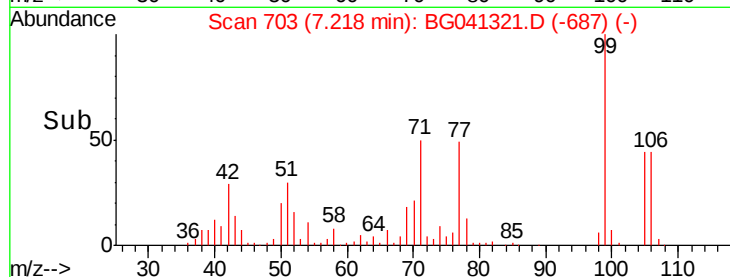
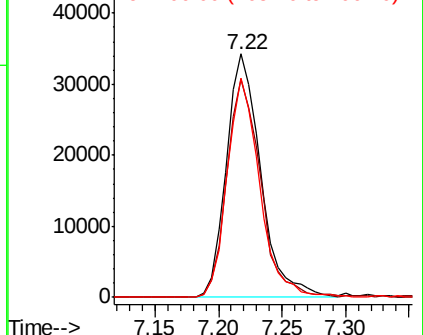
77 100

105 89.6 78.7 118.7

106 90.1 71.1 111.1



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



#10

Phenol

Concen: 43.811 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

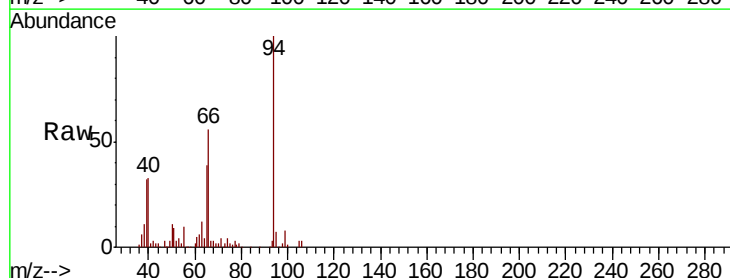
Tgt Ion: 94 Resp: 109756

Ion Ratio Lower Upper

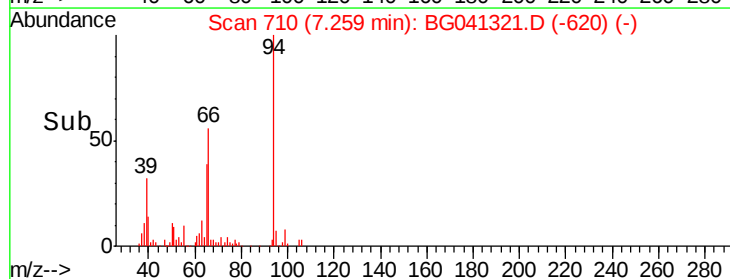
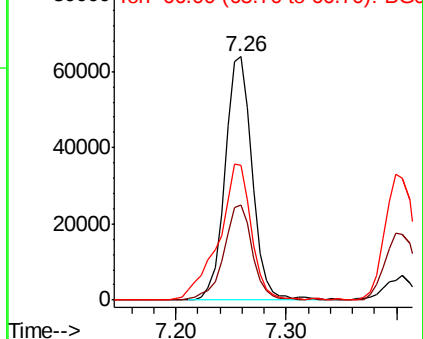
94 100

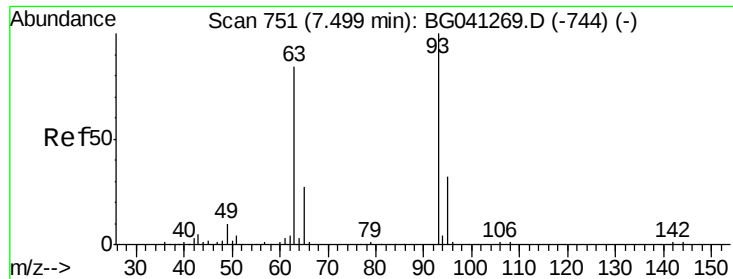
65 39.0 18.7 58.7

66 55.6 35.5 75.5



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

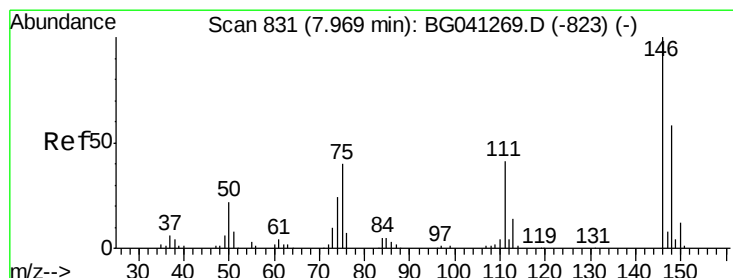
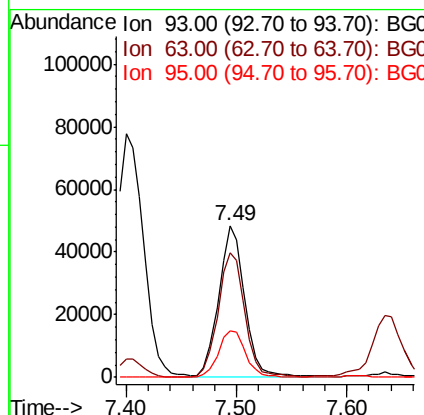
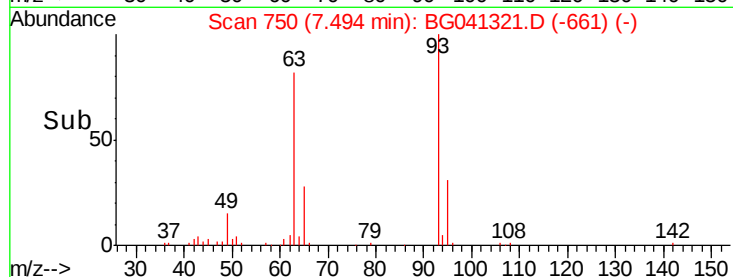
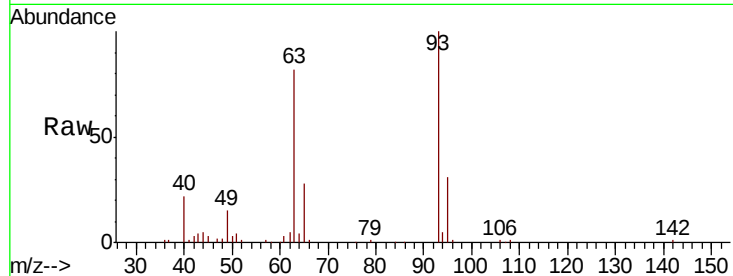




#11  
bis(2-Chloroethyl)ether  
Concen: 42.175 ng  
RT: 7.49 min Scan# 750  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

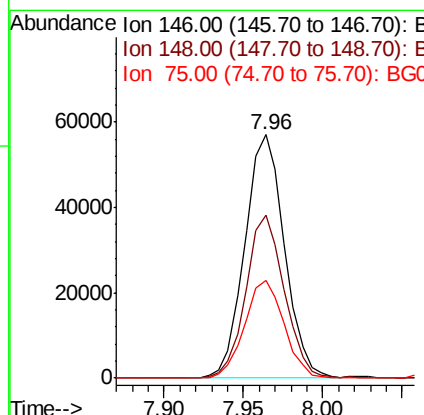
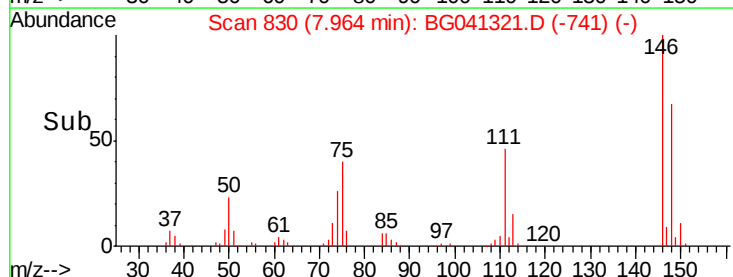
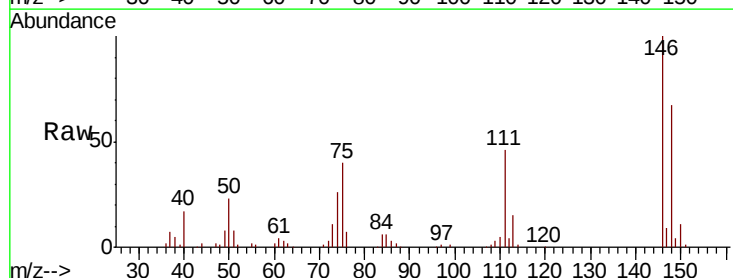
Instrument :  
BNA\_G  
ClientSampled :

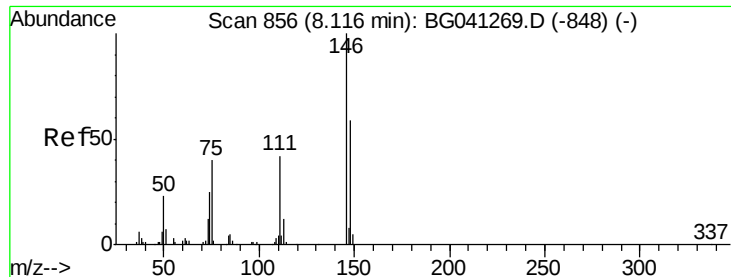
Tot Ion: 93 Resp: 80168  
Ion Ratio Lower Upper  
93 100  
63 81.8 63.6 103.6  
95 30.6 11.2 51.2



#12  
1,3-Dichlorobenzene  
Concen: 41.908 ng  
RT: 7.96 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Tgt Ion: 146 Resp: 99095  
Ion Ratio Lower Upper  
146 100  
148 67.0 46.5 69.7  
75 40.1 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 42.334 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampleId :

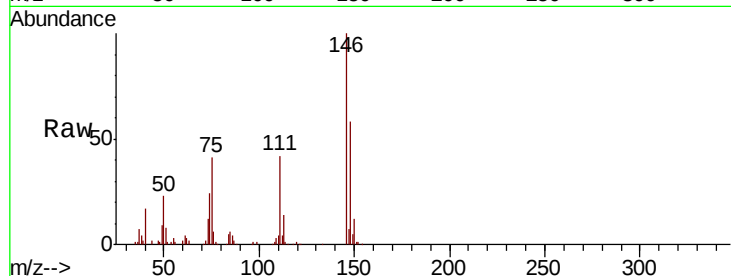
Tot Ion:146 Resp: 102251

Ion Ratio Lower Upper

146 100

148 57.9 47.3 70.9

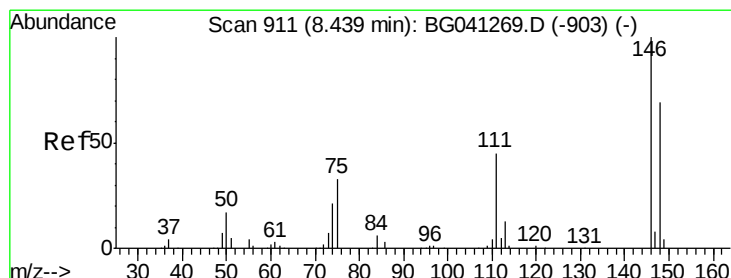
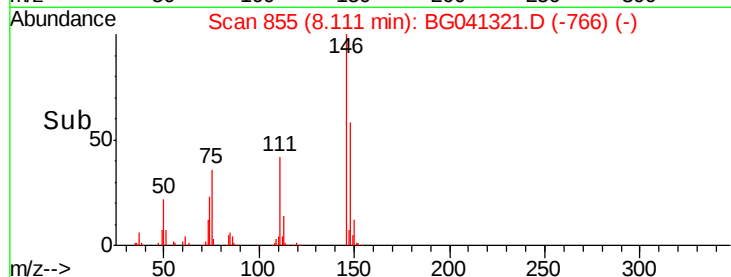
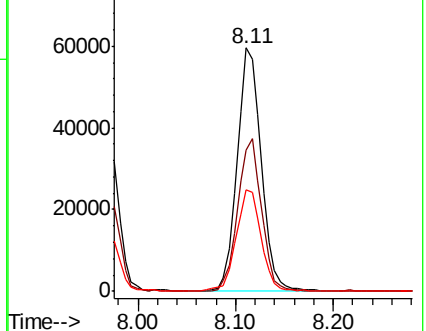
111 41.8 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.972 ng

RT: 8.43 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

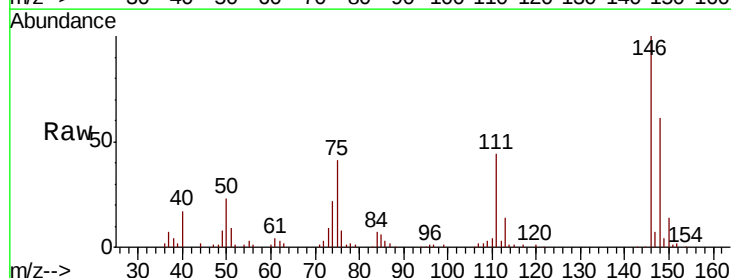
Tgt Ion:146 Resp: 96830

Ion Ratio Lower Upper

146 100

148 61.0 54.9 82.3

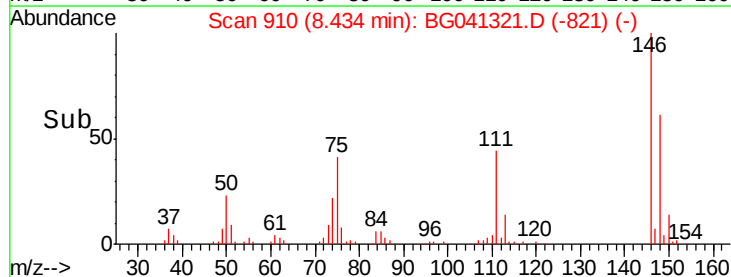
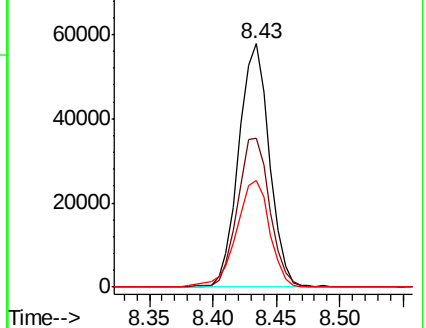
111 43.9 37.0 55.6

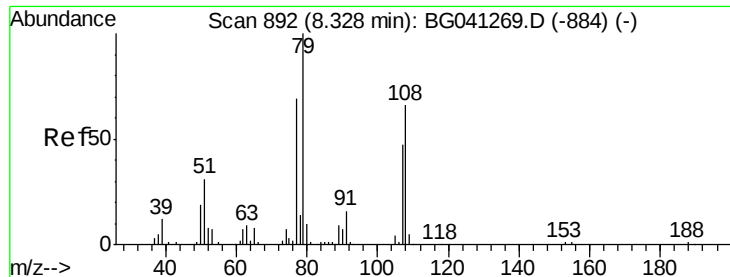


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.731 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampleId :

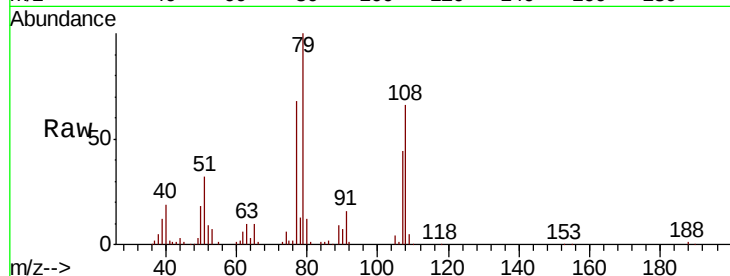
Tot Ion: 79 Resp: 93147

Ion Ratio Lower Upper

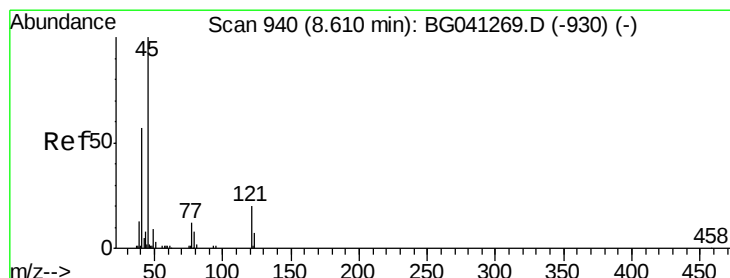
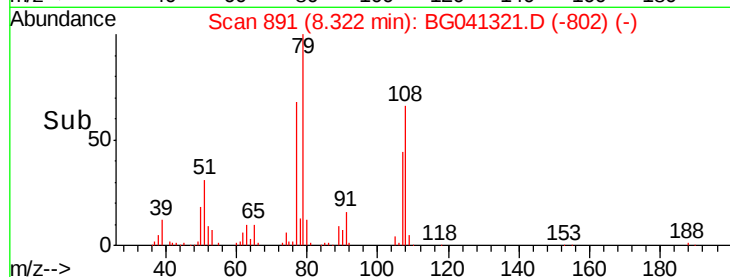
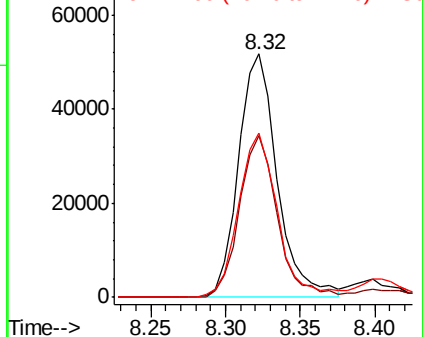
79 100

108 66.3 52.7 79.1

77 67.6 55.2 82.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.238 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

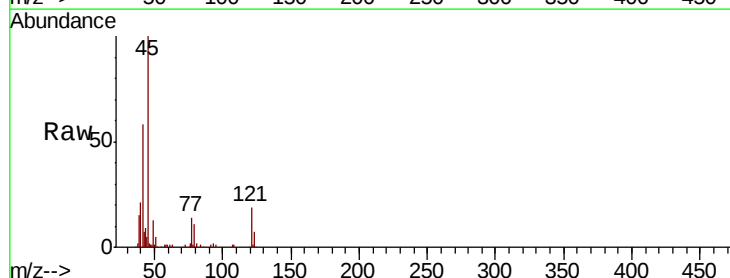
Tgt Ion: 45 Resp: 128321

Ion Ratio Lower Upper

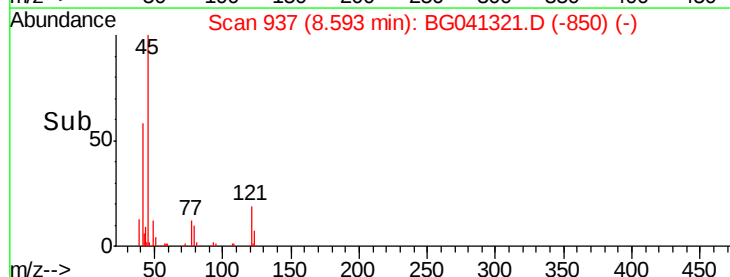
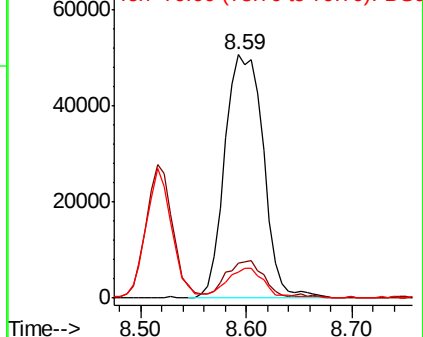
45 100

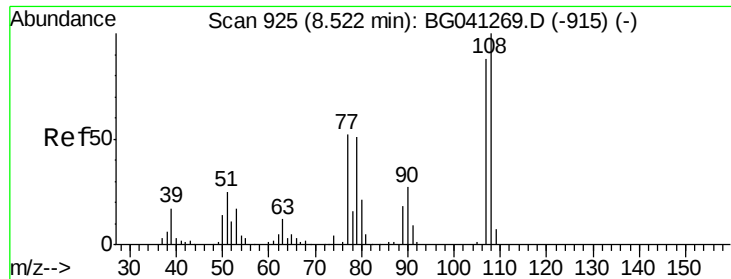
77 14.4 0.0 35.2

79 10.8 0.0 31.6



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

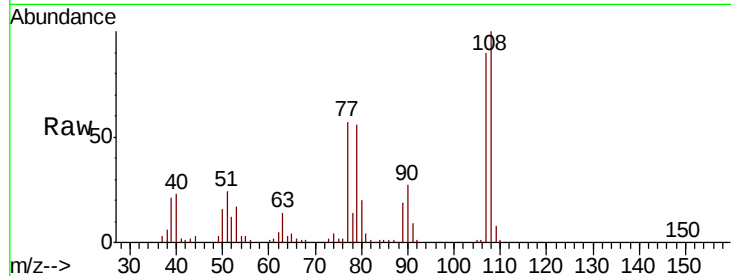




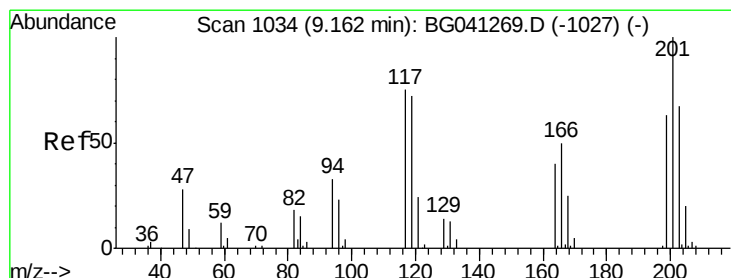
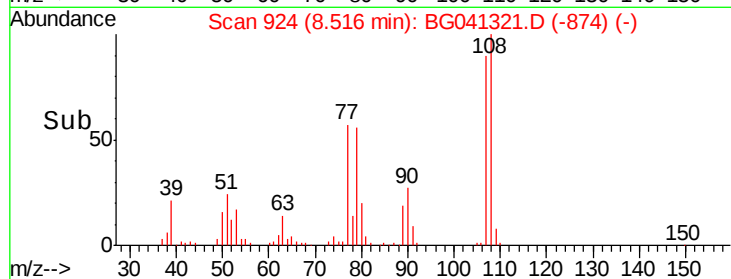
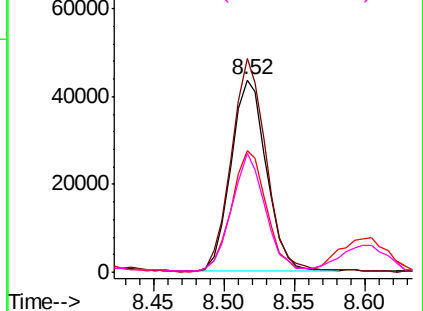
#17  
2-Methylphenol  
Concen: 42.656 ng  
RT: 8.52 min Scan# 924  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:107 Resp: 76399  
Ion Ratio Lower Upper  
107 100  
108 111.0 91.7 137.5  
77 63.1 47.8 71.8  
79 61.6 46.8 70.2

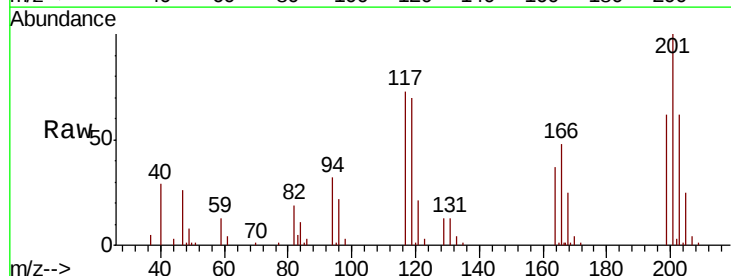


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

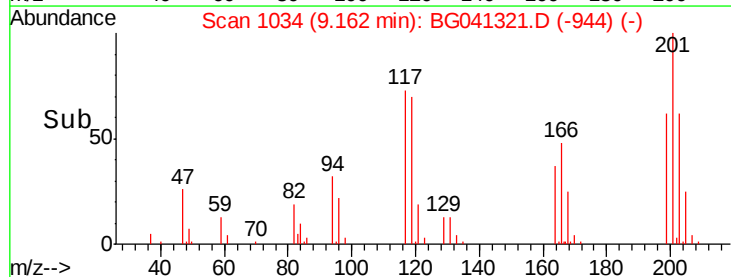
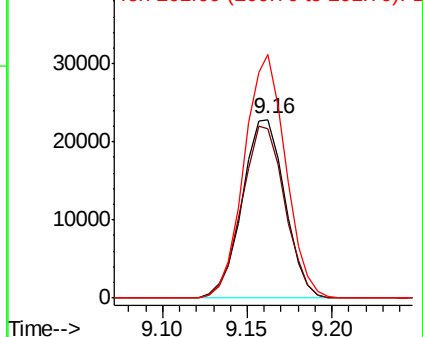


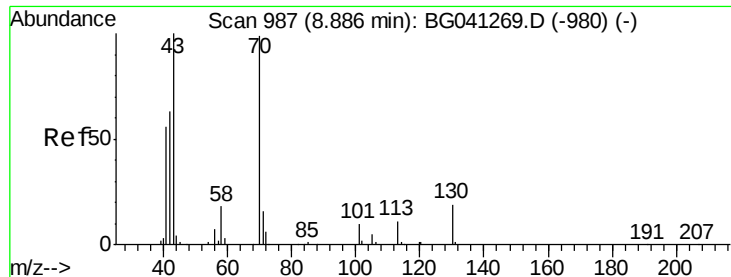
#18  
Hexachloroethane  
Concen: 41.999 ng  
RT: 9.16 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Tgt Ion:117 Resp: 40199  
Ion Ratio Lower Upper  
117 100  
119 95.1 76.8 115.2  
201 136.2 106.3 159.5



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

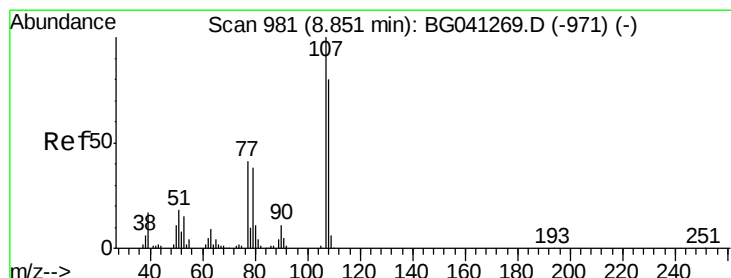
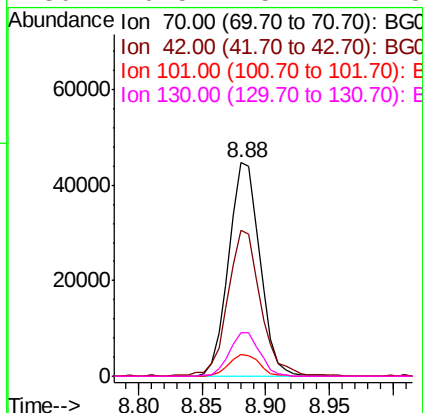
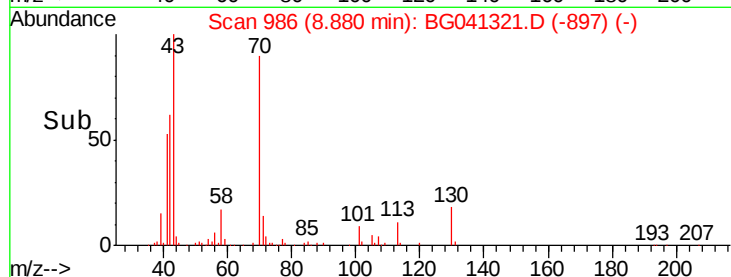
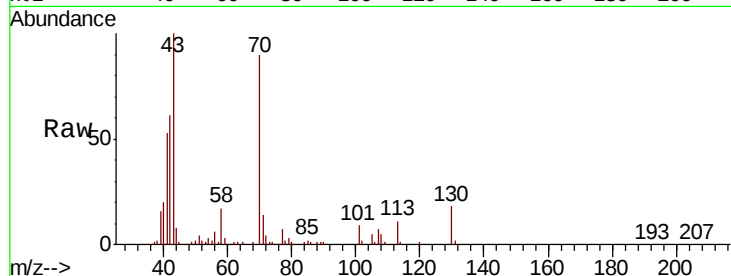




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.463 ng  
RT: 8.88 min Scan# 986  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

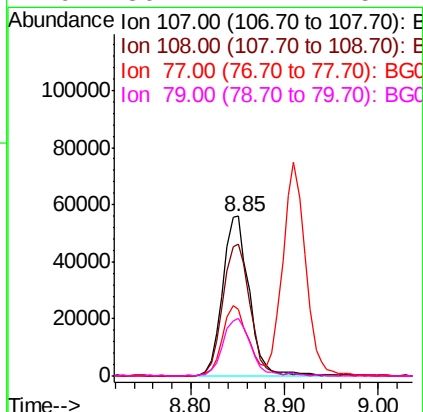
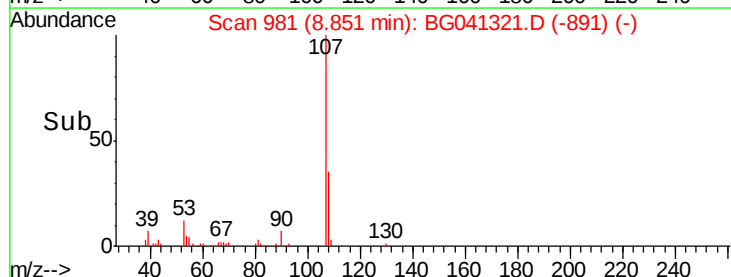
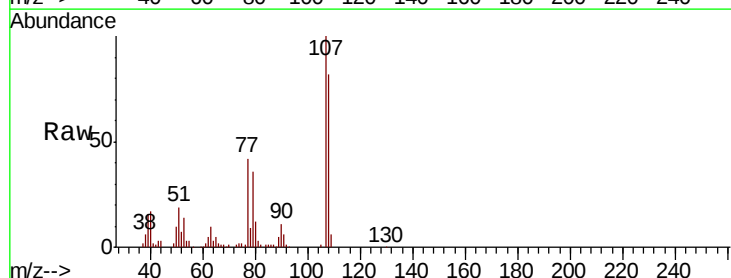
Instrument :  
BNA\_G  
ClientSampleId :

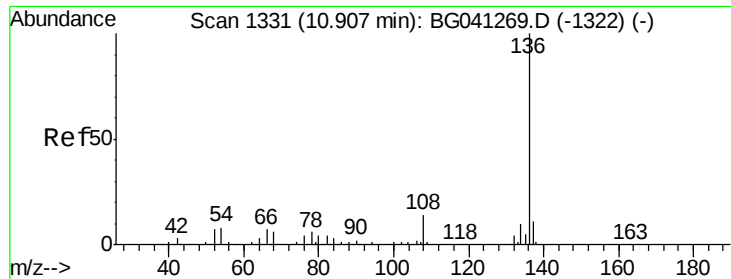
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 76240 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 68.3  | 51.4  | 77.2  |
| 101      | 10.5  | 8.2   | 12.2  |
| 130      | 20.5  | 15.2  | 22.8  |



#20  
3+4-Methylphenols  
Concen: 46.391 ng  
RT: 8.85 min Scan# 981  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 110609 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 82.4  | 60.4  | 100.4  |
| 77       | 41.8  | 21.2  | 61.2   |
| 79       | 36.1  | 17.7  | 57.7   |

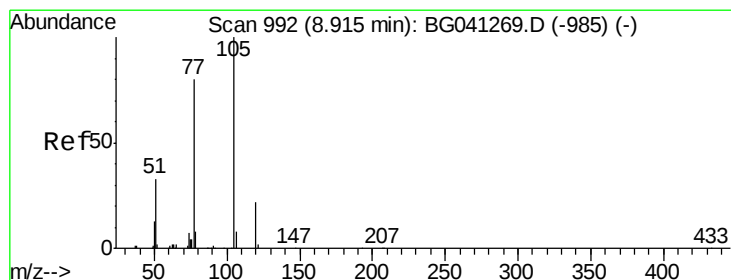
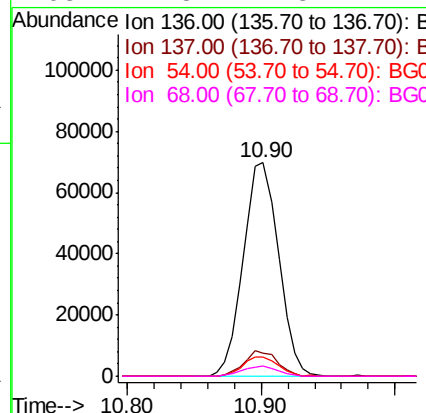
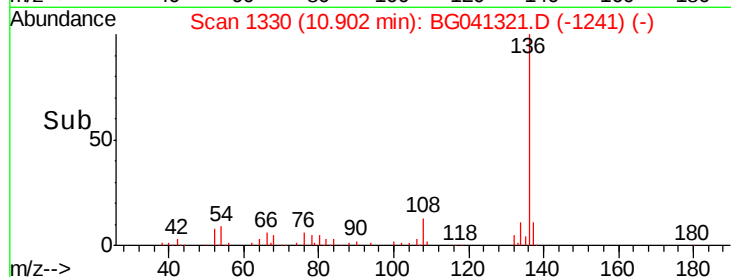
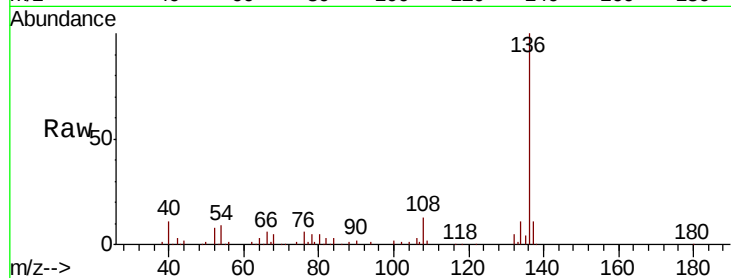




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.90 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

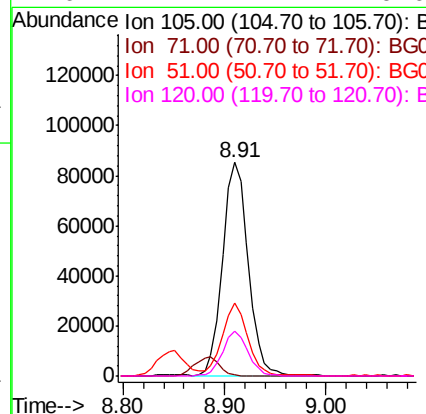
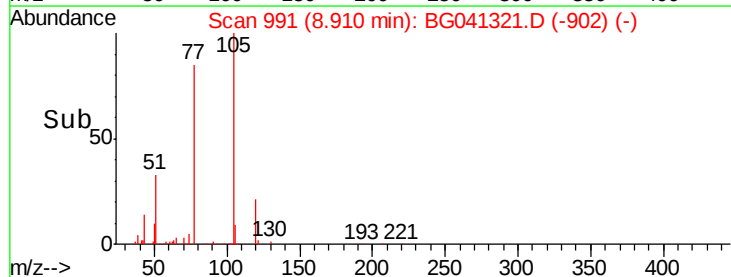
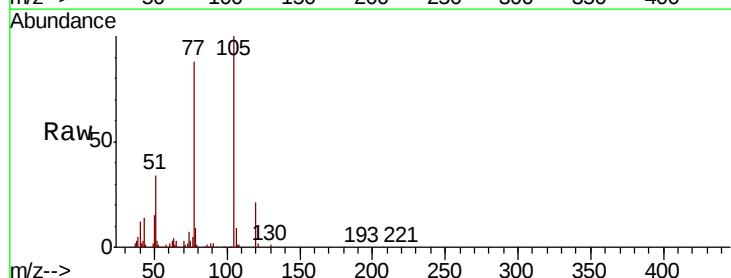
Instrument :  
BNA\_G  
ClientSampled :

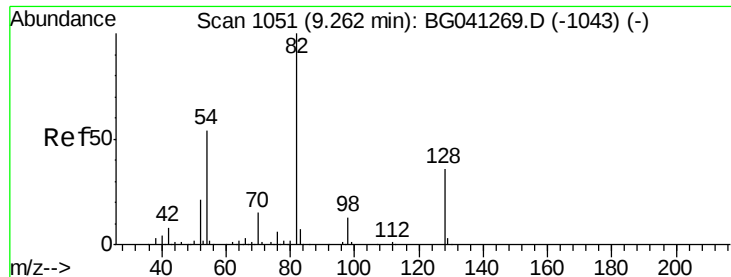
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 127899      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.5  | 8.8 13.2    |
| 54          | 8.8   | 6.4 9.6     |
| 68          | 4.8   | 4.8 7.2#    |



#22  
Acetophenone  
Concen: 40.413 ng  
RT: 8.91 min Scan# 991  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 150414      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 0.5   | 0.4 0.6     |
| 51          | 34.4  | 28.2 42.4   |
| 120         | 21.2  | 17.4 26.0   |

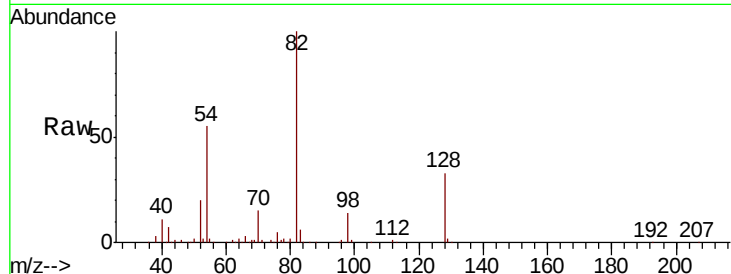




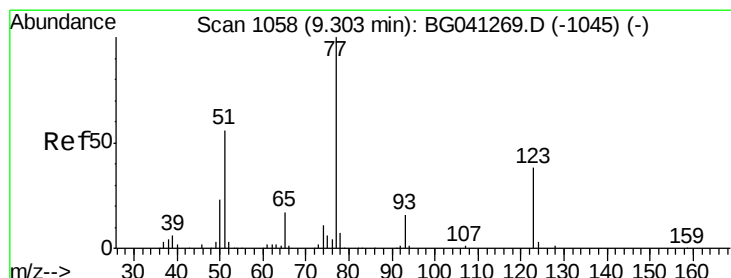
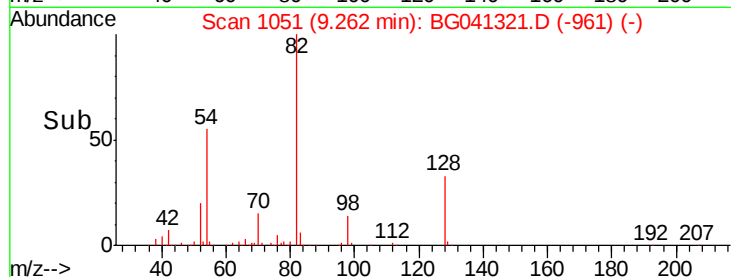
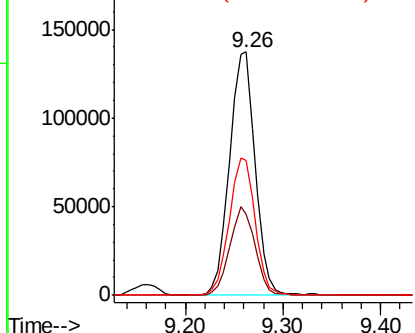
#23  
Nitrobenzene-d5  
Concen: 82.536 ng  
RT: 9.26 min Scan# 1051  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 33.4  | 29.2  | 43.8  |
| 54      | 55.2  | 43.4  | 65.0  |

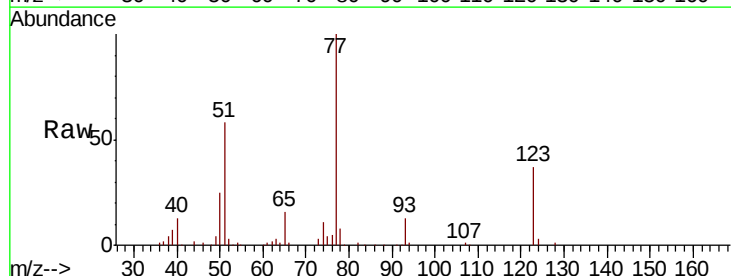


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

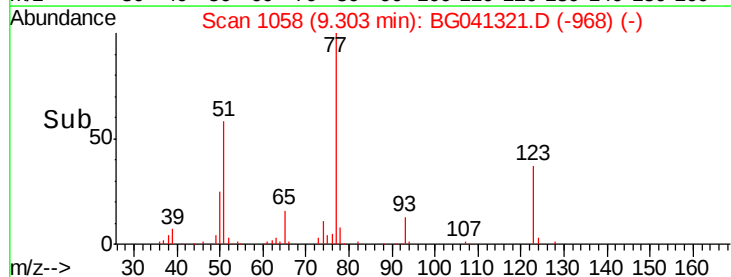
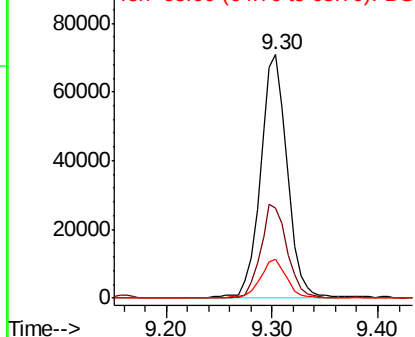


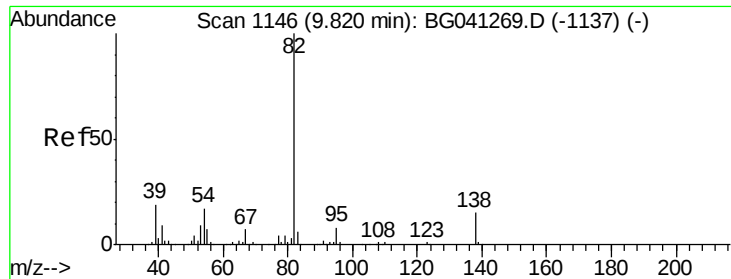
#24  
Nitrobenzene  
Concen: 40.757 ng  
RT: 9.30 min Scan# 1058  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 37.1  | 30.4  | 45.6  |
| 65      | 15.7  | 13.3  | 19.9  |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.932 ng

RT: 9.81 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampleId :

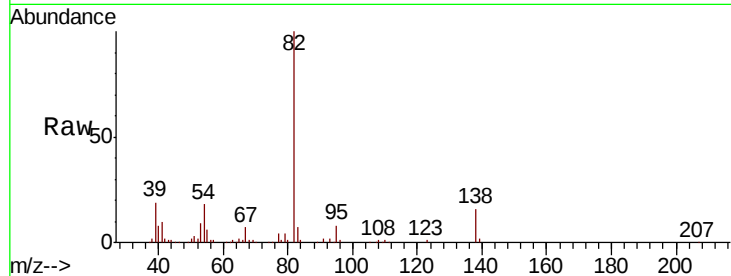
Tot Ion: 82 Resp: 217217

Ion Ratio Lower Upper

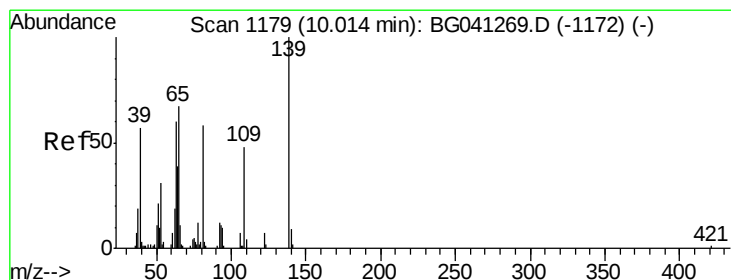
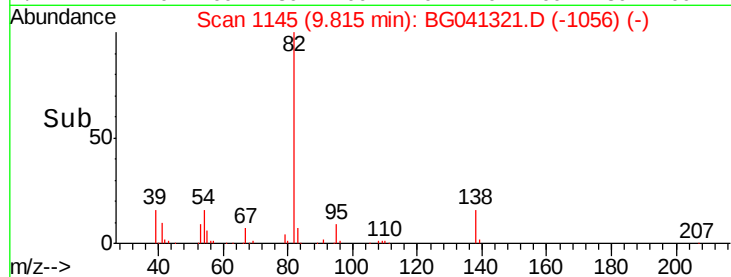
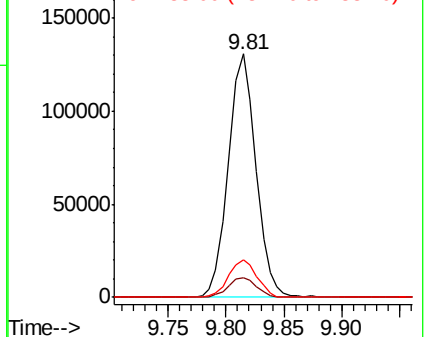
82 100

95 8.3 6.6 10.0

138 15.6 12.3 18.5



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: 41.697 ng

RT: 10.01 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

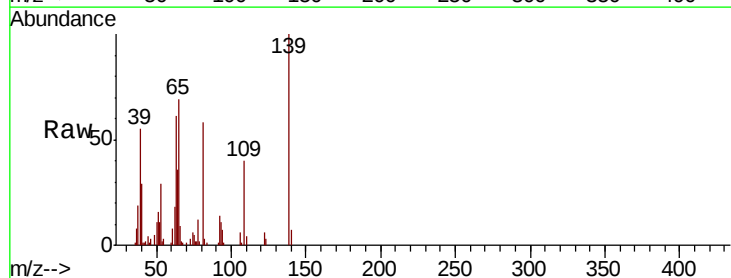
Tgt Ion: 139 Resp: 51704

Ion Ratio Lower Upper

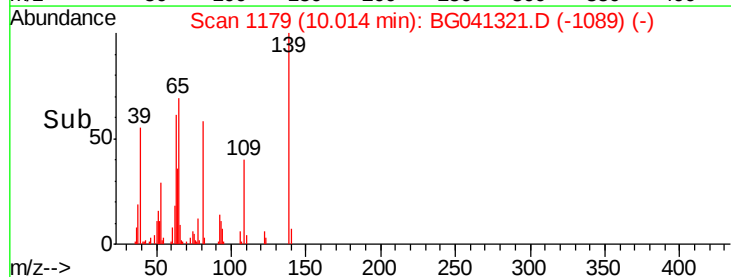
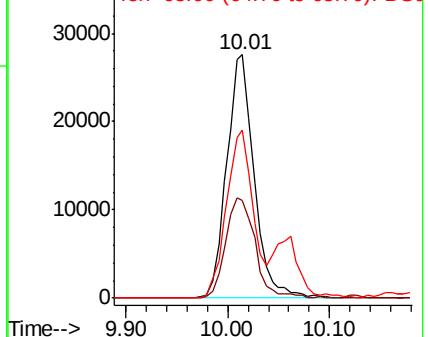
139 100

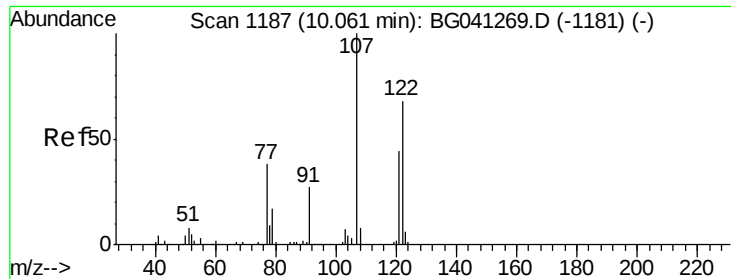
109 40.1 38.4 57.6

65 68.9 53.6 80.4



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

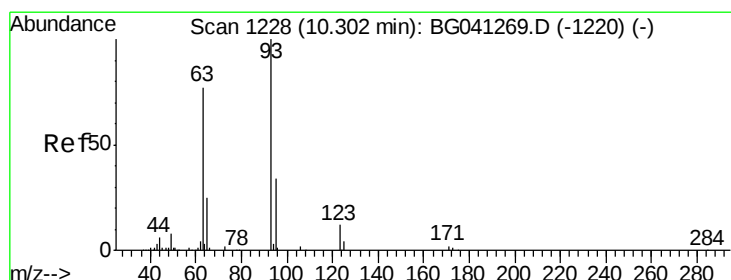
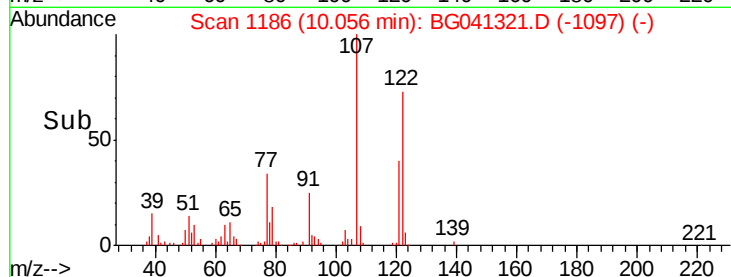
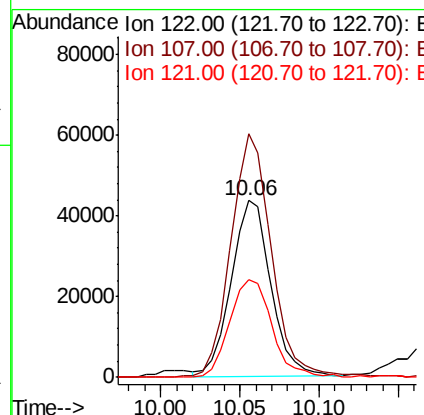
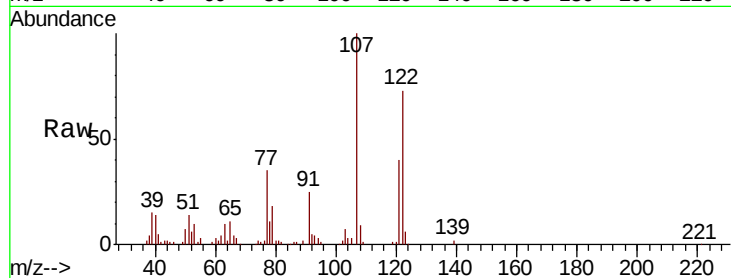




#27  
2,4-Dimethylphenol  
Concen: 40.747 ng  
RT: 10.06 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

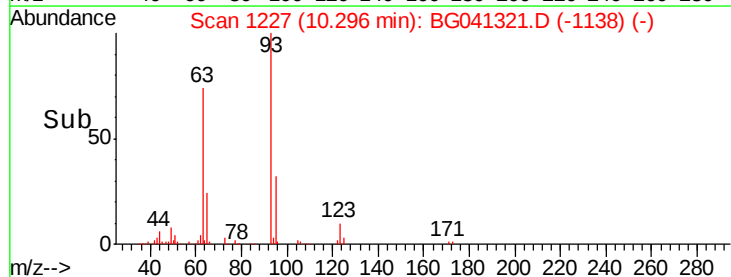
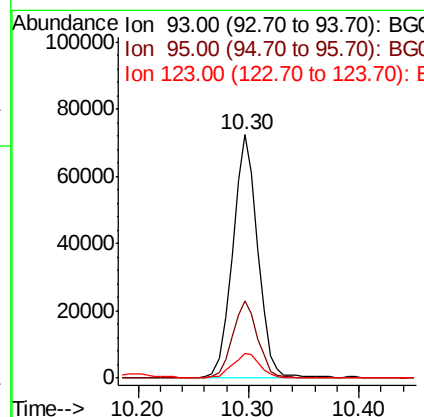
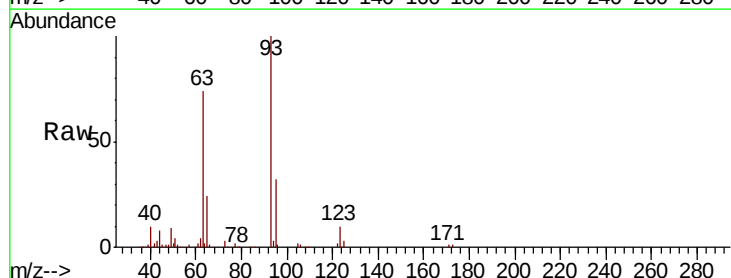
Instrument :  
BNA\_G  
ClientSampled :

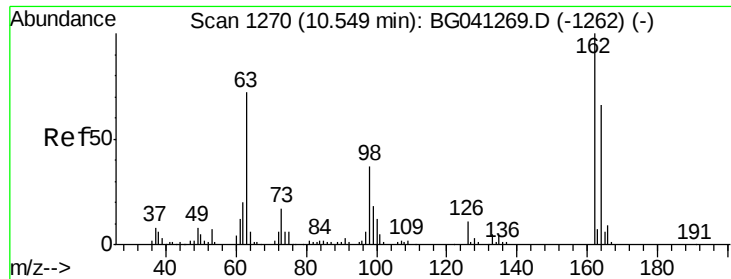
Tot Ion:122 Resp: 75737  
Ion Ratio Lower Upper  
122 100  
107 137.8 115.1 172.7  
121 55.3 50.1 75.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.573 ng  
RT: 10.30 min Scan# 1227  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Tgt Ion: 93 Resp: 115044  
Ion Ratio Lower Upper  
93 100  
95 32.0 27.3 40.9  
123 10.1 9.6 14.4

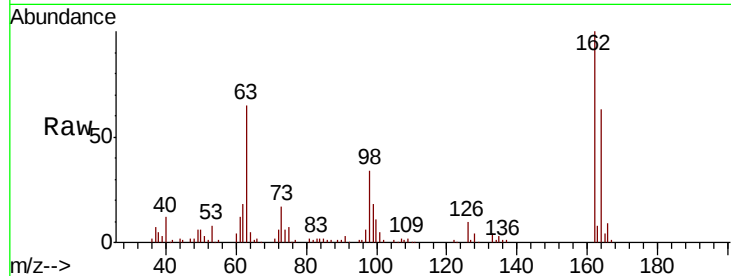




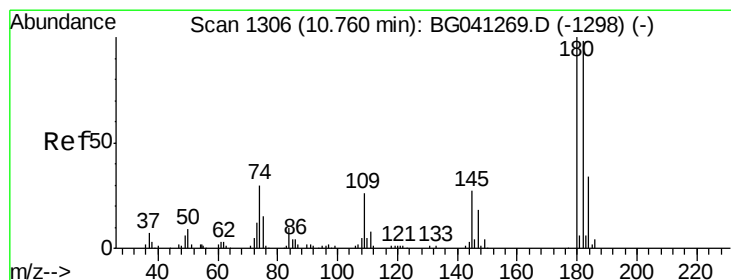
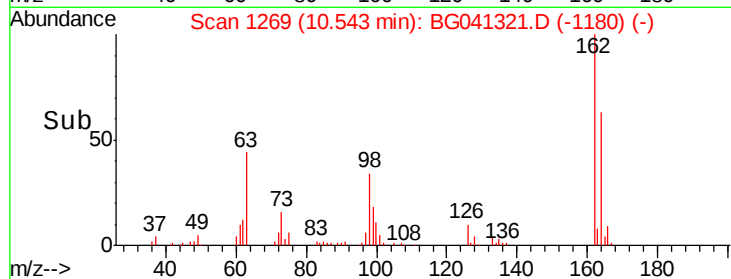
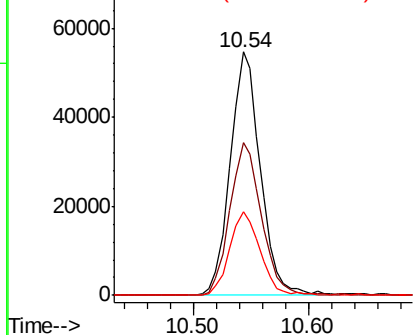
#29  
 2,4-Dichlorophenol  
 Concen: 42.931 ng  
 RT: 10.54 min Scan# 1269  
 Delta R.T. -0.01 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.8  | 46.0  | 86.0  |
| 98      | 34.1  | 17.4  | 57.4  |

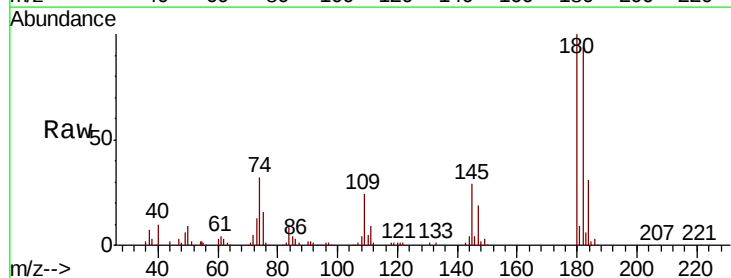


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

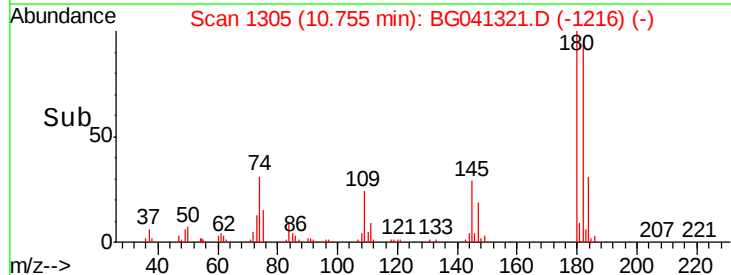
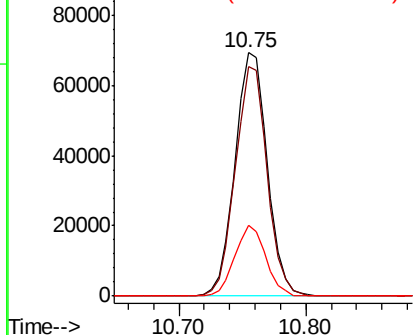


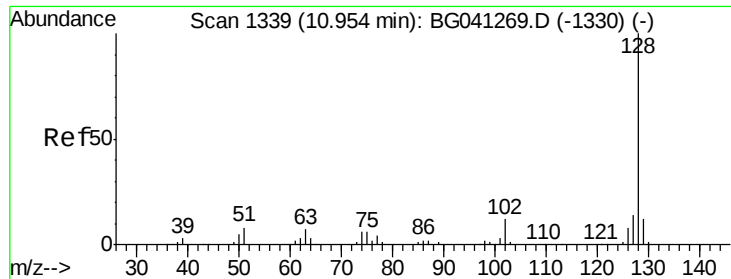
#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.287 ng  
 RT: 10.75 min Scan# 1305  
 Delta R.T. -0.01 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 78.6  | 117.8 |
| 145     | 29.1  | 21.7  | 32.5  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

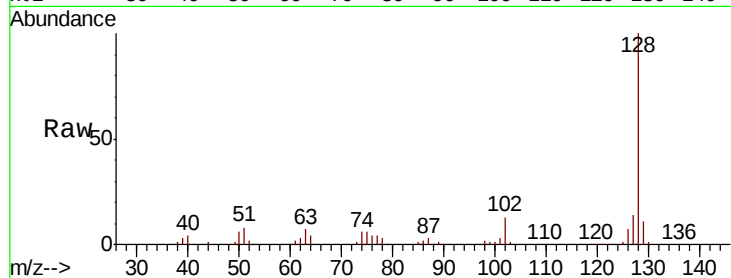




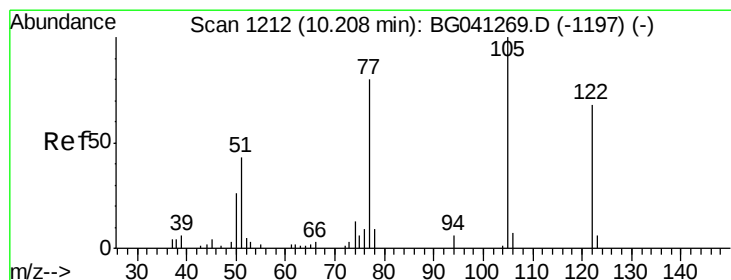
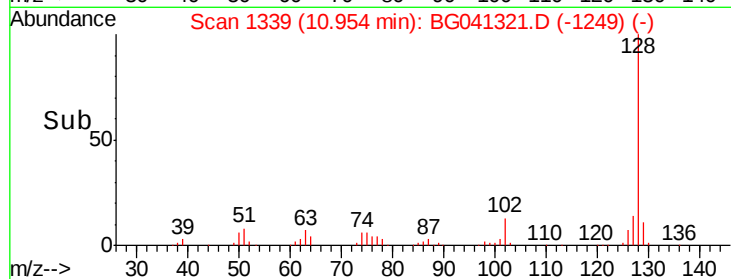
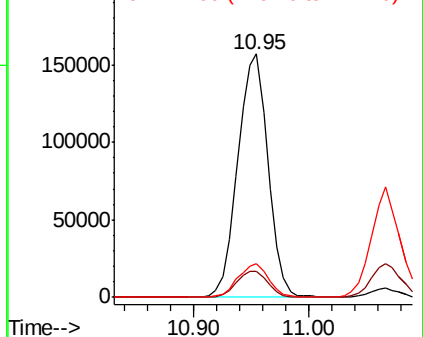
#31  
Naphthalene  
Concen: 40.852 ng  
RT: 10.95 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 283970  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.4 14.0  
127 13.7 11.2 16.8

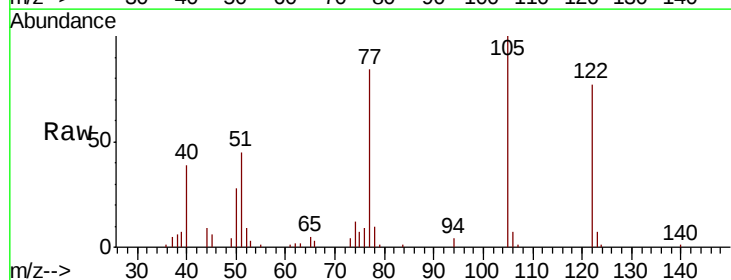


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

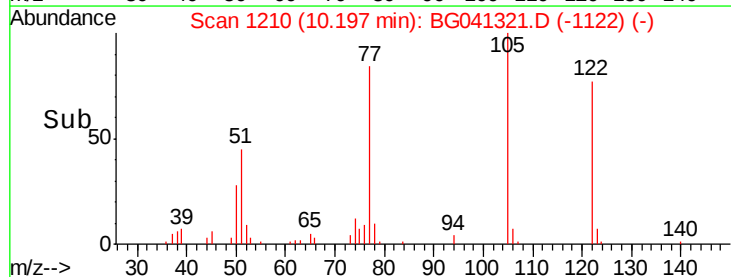
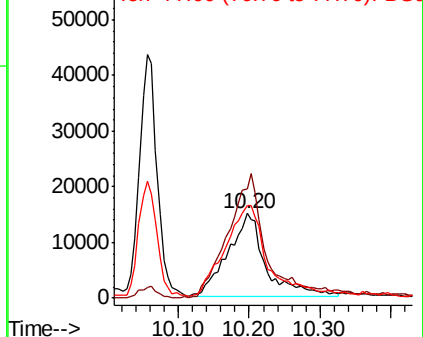


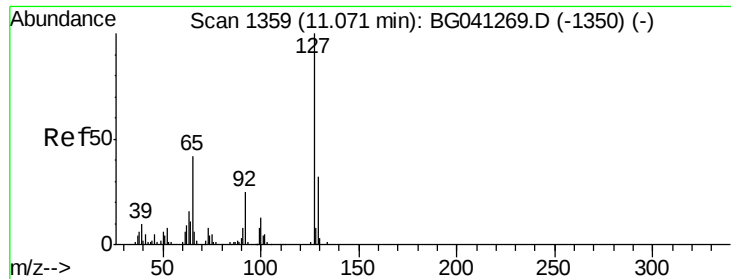
#32  
Benzoic acid  
Concen: 45.741 ng  
RT: 10.20 min Scan# 1210  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Tgt Ion:122 Resp: 55345  
Ion Ratio Lower Upper  
122 100  
105 129.7 124.2 164.2  
77 109.4 97.2 137.2



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

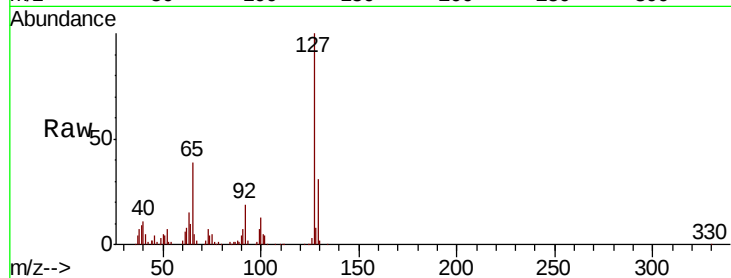




#33  
4-Chloroaniline  
Concen: 42.592 ng  
RT: 11.07 min Scan# 1358  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.5  | 25.8  | 38.8  |
| 65      | 38.8  | 33.8  | 50.8  |
| 92      | 19.3  | 20.2  | 30.4  |



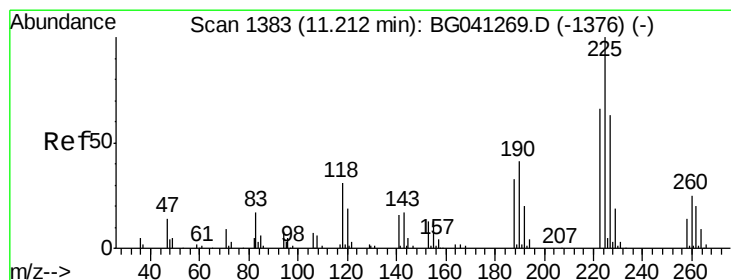
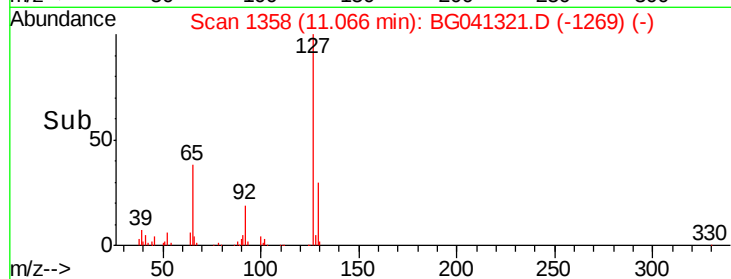
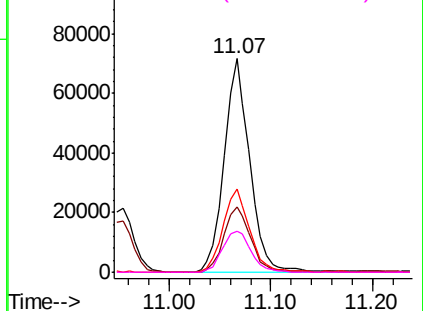
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

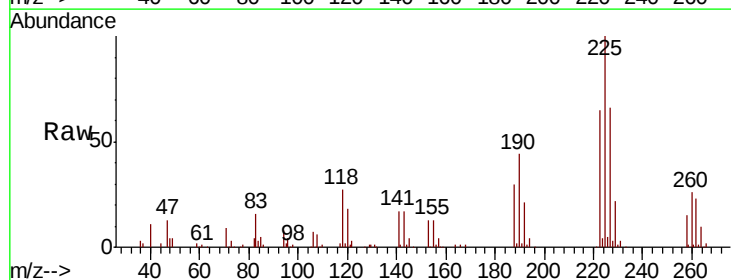
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 39.378 ng  
RT: 11.21 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.7  | 52.5  | 78.7  |
| 227     | 68.9  | 50.2  | 75.2  |

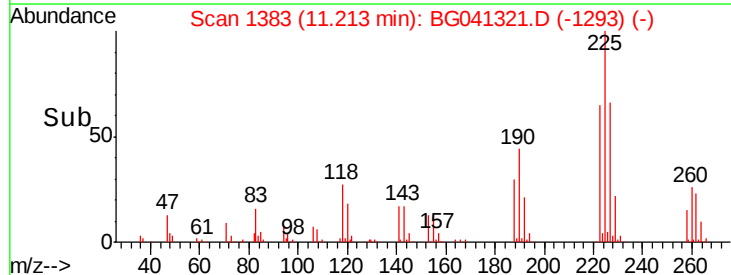
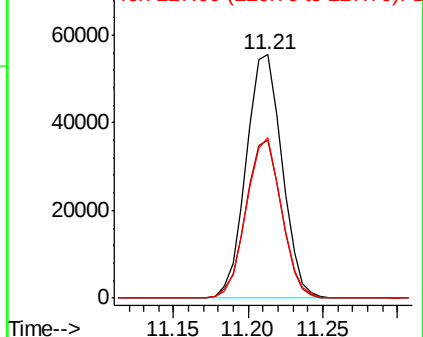


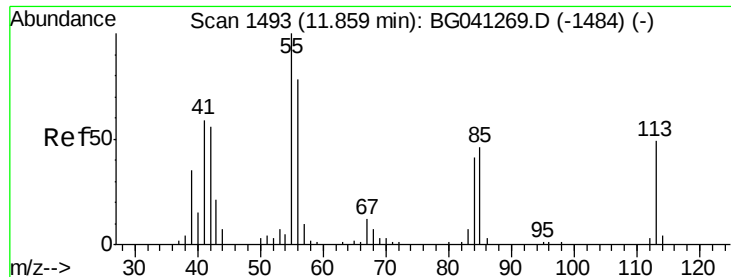
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

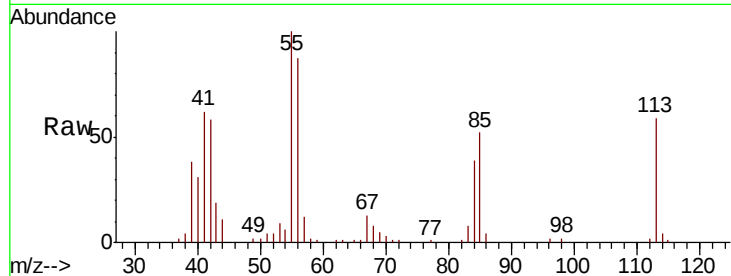




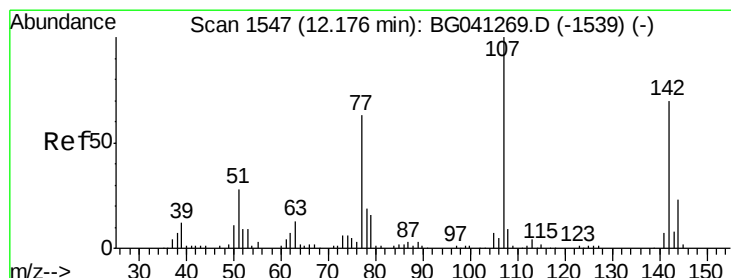
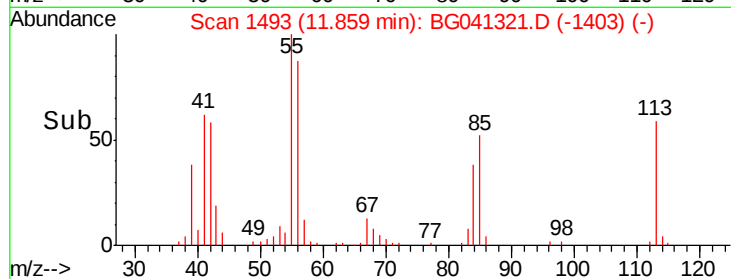
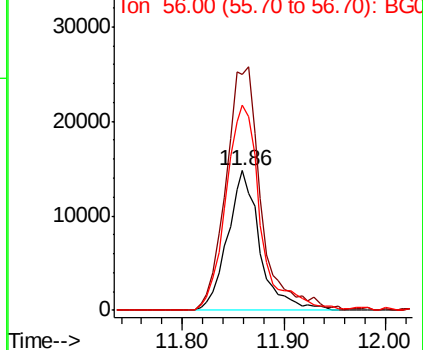
#35  
Caprolactam  
Concen: 41.312 ng  
RT: 11.86 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:113 Resp: 32777  
Ion Ratio Lower Upper  
113 100  
55 169.2 182.6 222.6#  
56 146.7 137.5 177.5

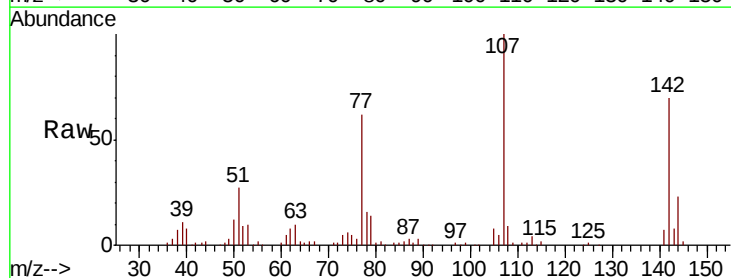


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BG  
Ion 56.00 (55.70 to 56.70): BG

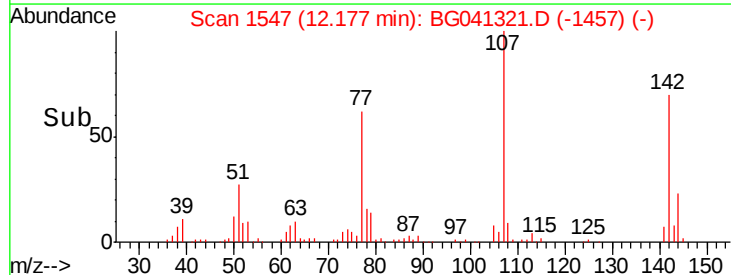
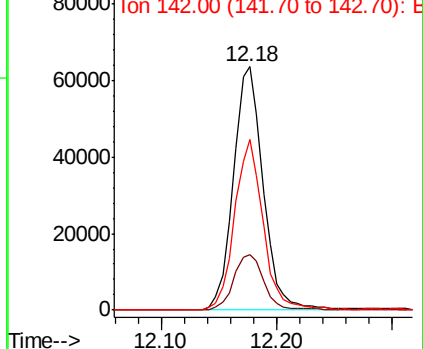


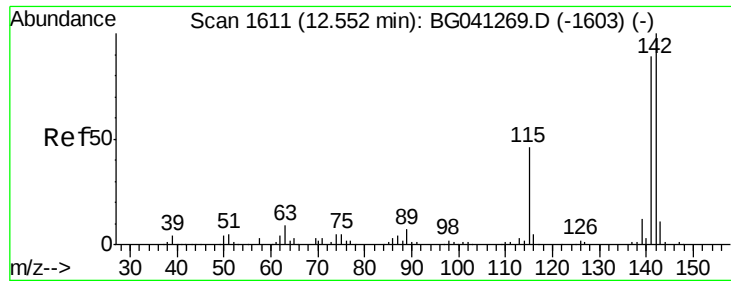
#36  
4-Chloro-3-methylphenol  
Concen: 42.657 ng  
RT: 12.18 min Scan# 1547  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Tgt Ion:107 Resp: 113554  
Ion Ratio Lower Upper  
107 100  
144 22.5 18.5 27.7  
142 70.0 56.3 84.5



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E

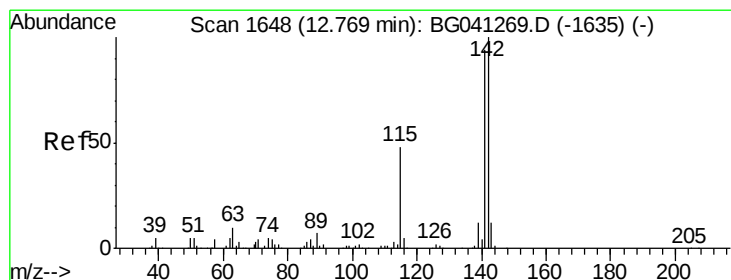
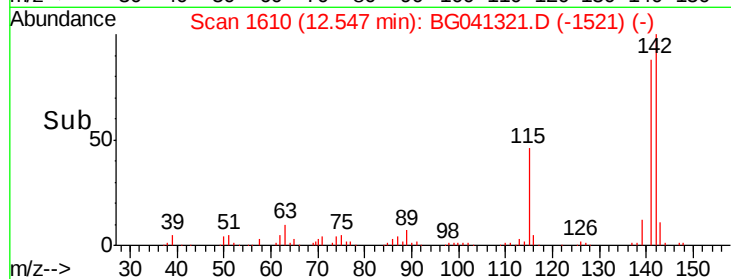
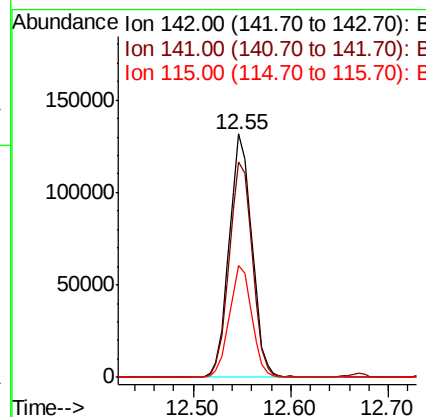
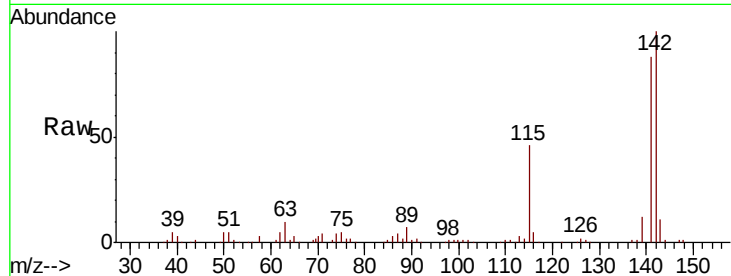




#37  
2-Methylnaphthalene  
Concen: 41.693 ng  
RT: 12.55 min Scan# 1610  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

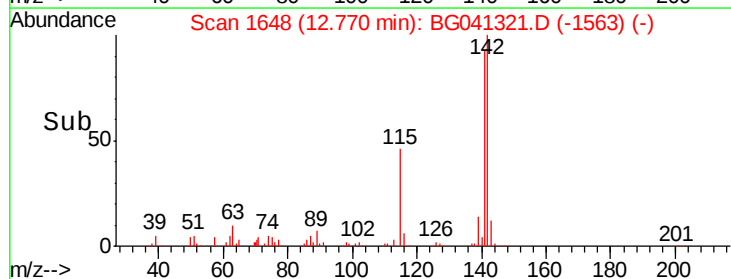
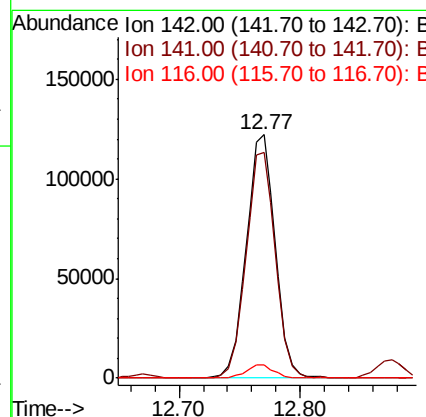
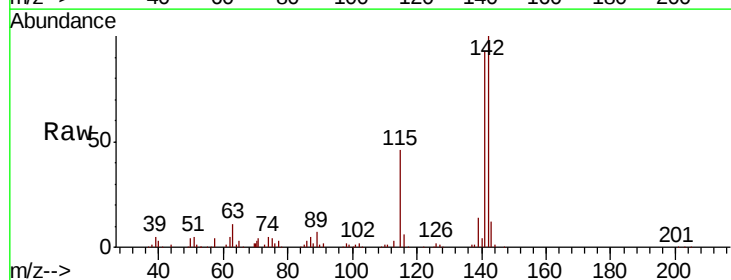
Instrument :  
BNA\_G  
ClientSampleId :

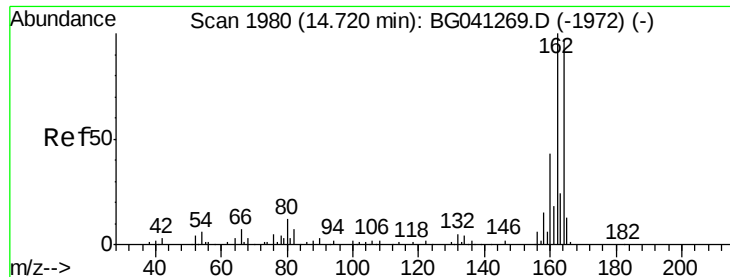
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 71.5  | 107.3 |
| 115     | 45.7  | 37.0  | 55.6  |



#38  
1-Methylnaphthalene  
Concen: 41.517 ng  
RT: 12.77 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.6  | 75.0  | 112.6 |
| 116     | 5.5   | 4.2   | 6.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampleId :

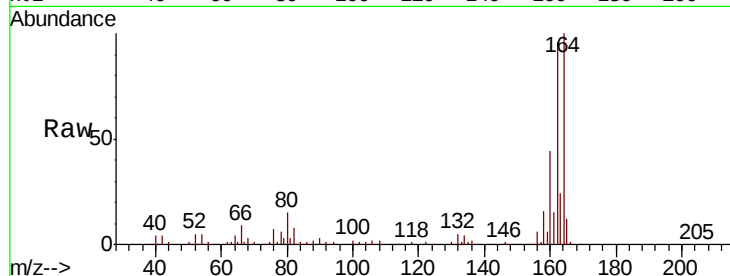
Tot Ion:164 Resp: 94328

Ion Ratio Lower Upper

164 100

162 96.5 82.8 124.2

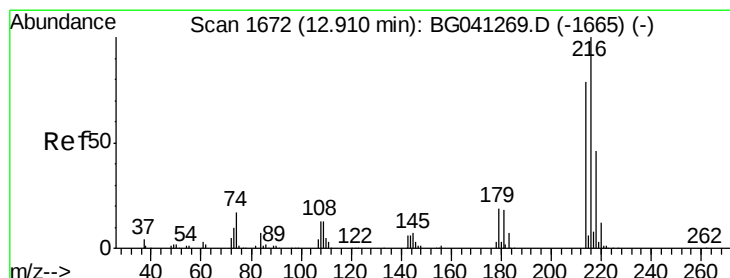
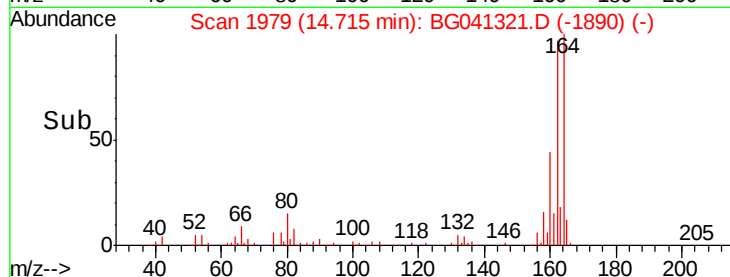
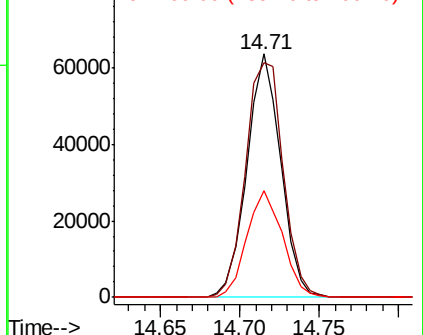
160 43.7 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.391 ng

RT: 12.91 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Tgt Ion:216 Resp: 161222

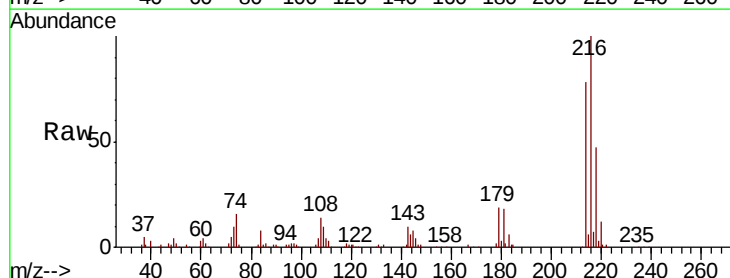
Ion Ratio Lower Upper

216 100

214 77.8 62.8 94.2

179 18.7 15.2 22.8

108 16.1 12.4 18.6

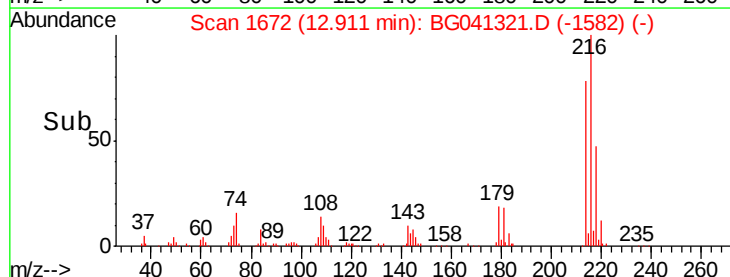
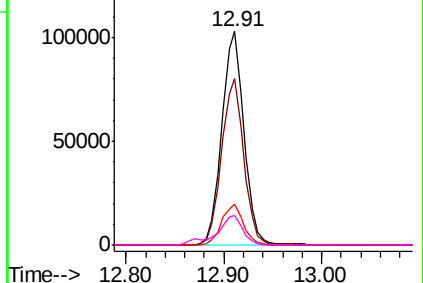


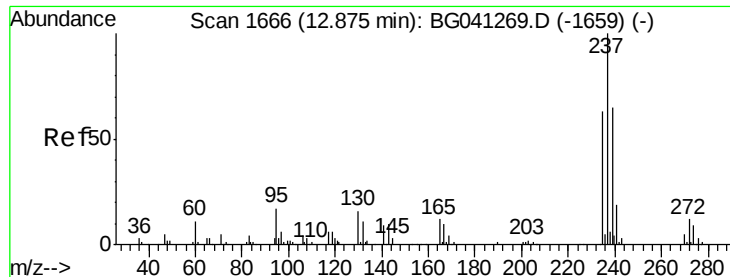
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 58.248 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampleId :

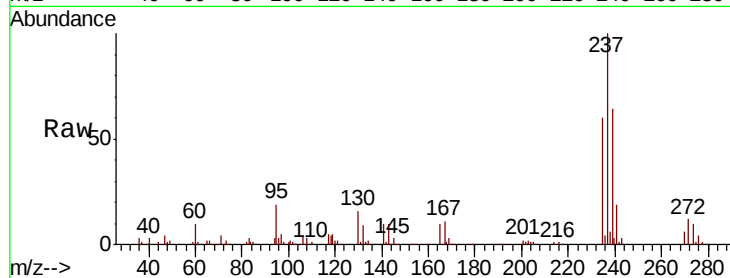
Tot Ion:237 Resp: 152825

Ion Ratio Lower Upper

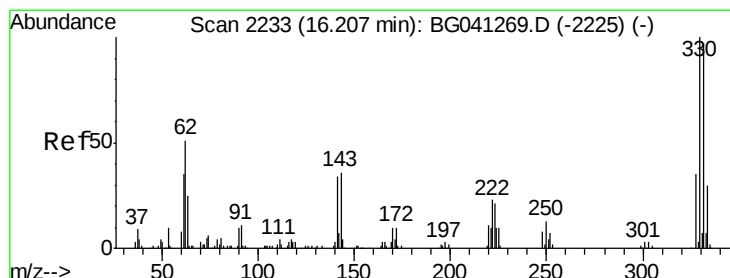
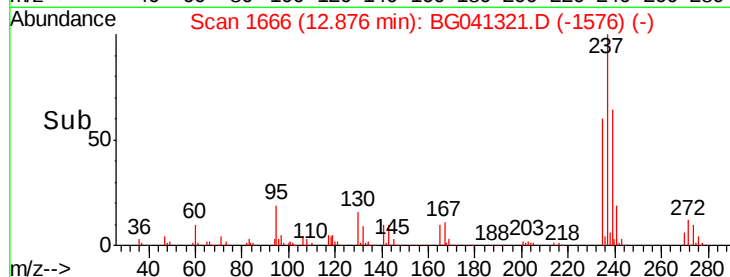
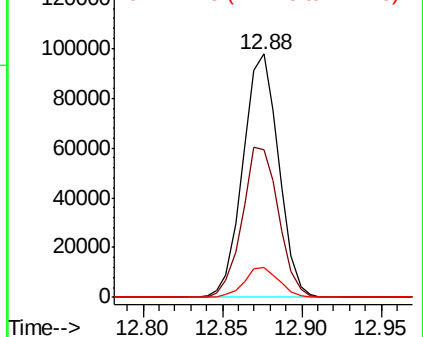
237 100

235 60.5 42.9 82.9

272 12.4 0.0 32.0



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



#42

2,4,6-Tribromophenol

Concen: 82.965 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

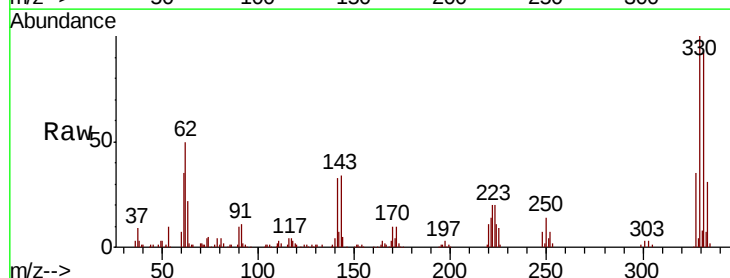
Tgt Ion:330 Resp: 120145

Ion Ratio Lower Upper

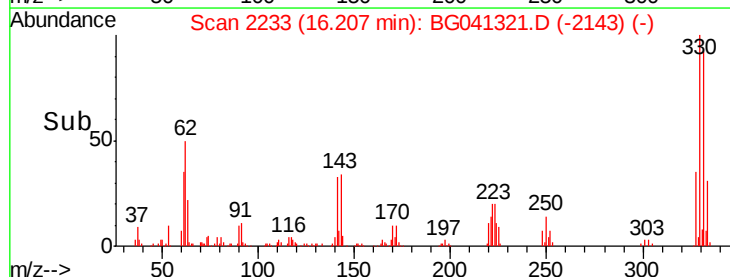
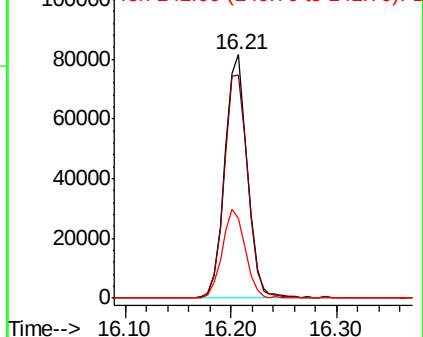
330 100

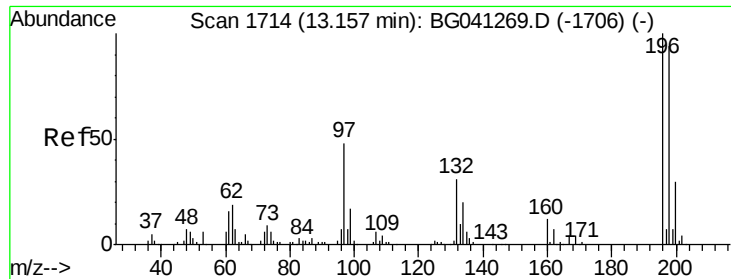
332 96.5 75.5 113.3

141 37.4 29.0 43.4



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

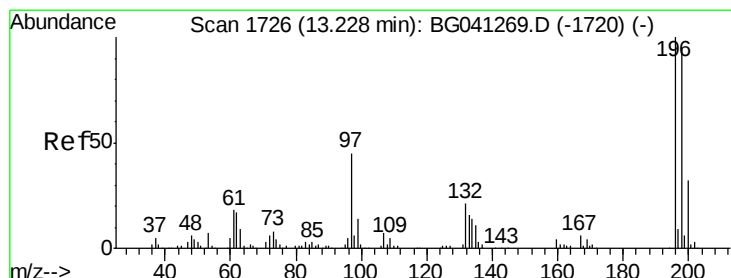
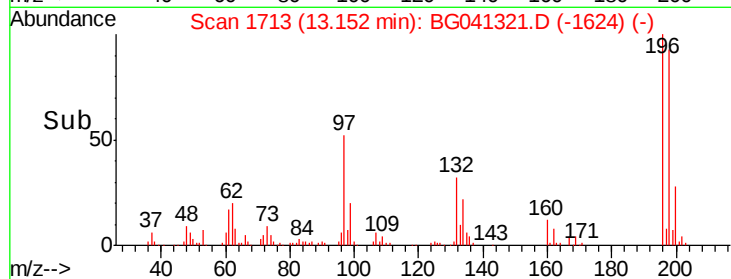
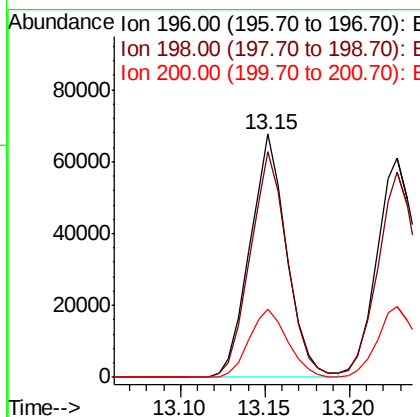
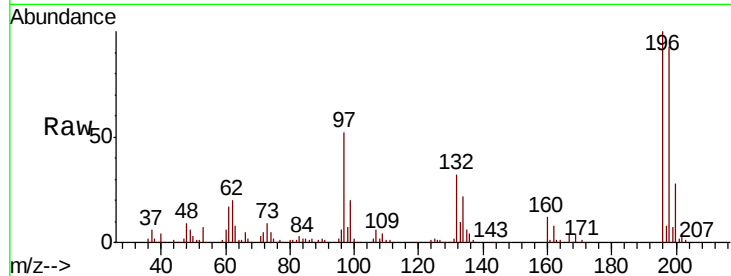




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.165 ng  
 RT: 13.15 min Scan# 1713  
 Delta R.T. -0.01 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

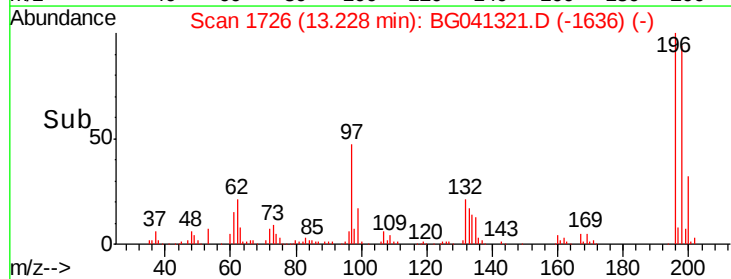
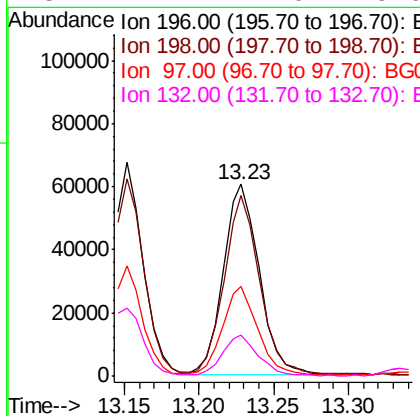
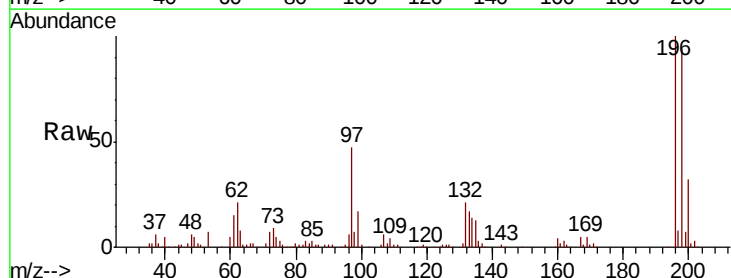
Instrument :  
 BNA\_G  
 ClientSampleId :

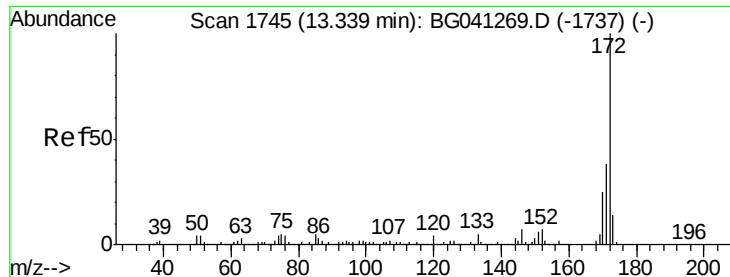
| Tot Ion   | 196   | Resp  | 101598 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 92.6  | 74.9  | 112.3  |
| 200       | 28.1  | 24.2  | 36.2   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.240 ng  
 RT: 13.23 min Scan# 1726  
 Delta R.T. 0.00 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

| Tgt Ion   | 196   | Resp  | 102246 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.9  | 76.1  | 114.1  |
| 97        | 46.6  | 35.9  | 53.9   |
| 132       | 21.4  | 17.0  | 25.6   |



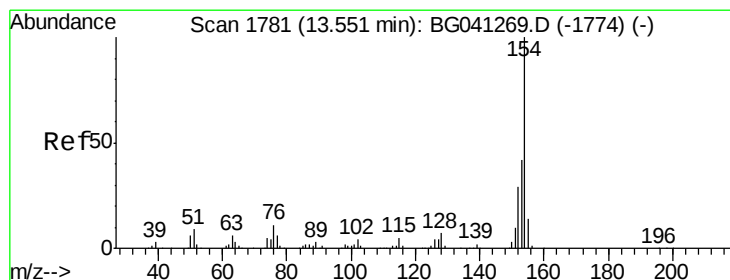
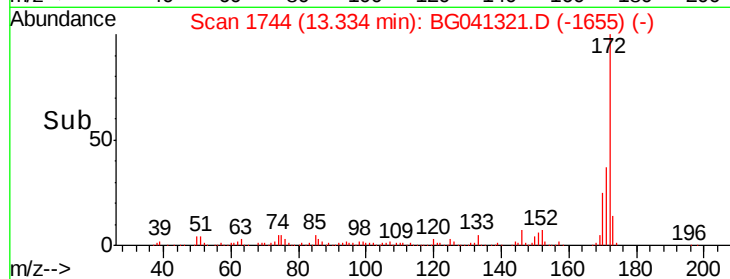
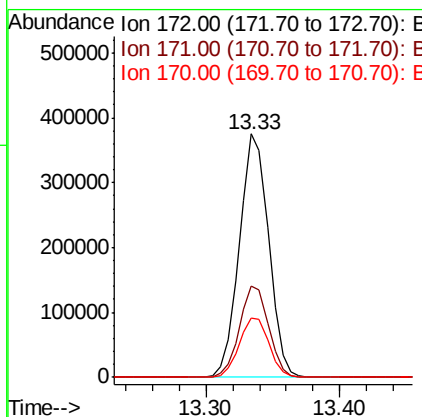
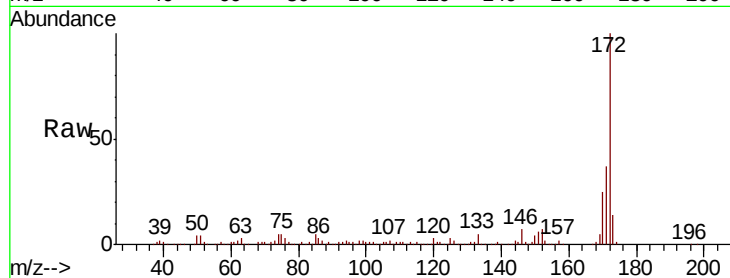


#45  
 2-Fluorobiphenyl  
 Concen: 81.819 ng  
 RT: 13.33 min Scan# 1744  
 Delta R.T. -0.01 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:172 Resp: 567838  

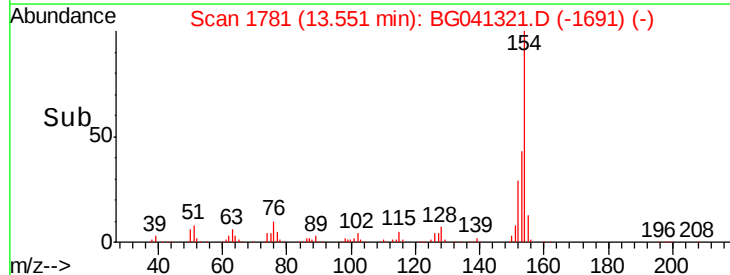
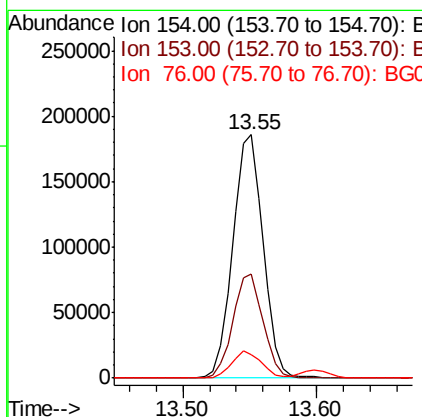
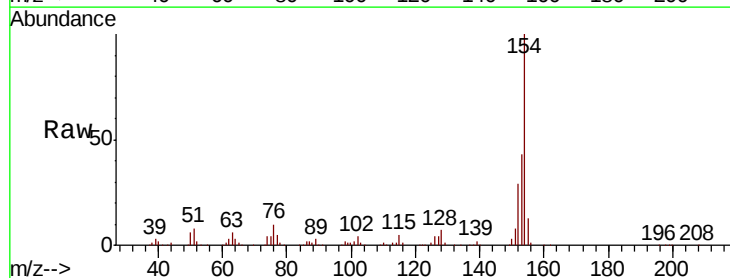
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.3  | 30.0  | 45.0  |
| 170 | 24.5  | 19.8  | 29.6  |

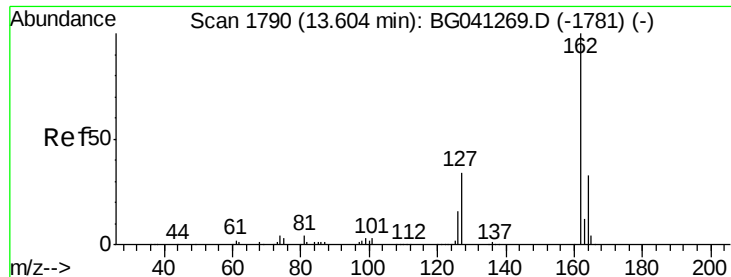


#46  
 1,1'-Biphenyl  
 Concen: 41.139 ng  
 RT: 13.55 min Scan# 1781  
 Delta R.T. 0.00 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

Tgt Ion:154 Resp: 293368  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.6  | 22.3  | 62.3  |
| 76  | 9.8   | 0.0   | 30.8  |

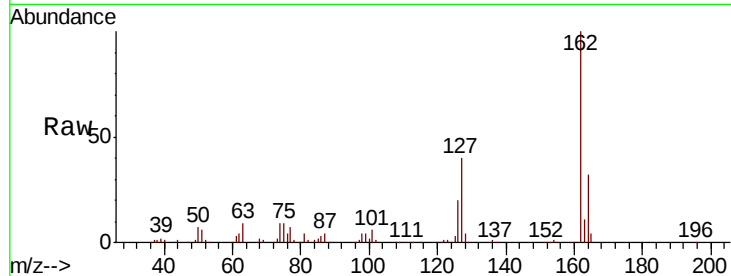




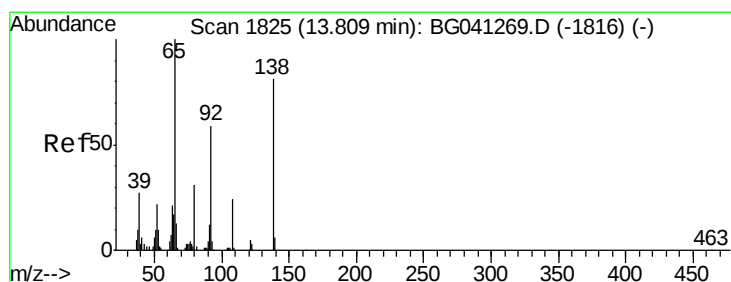
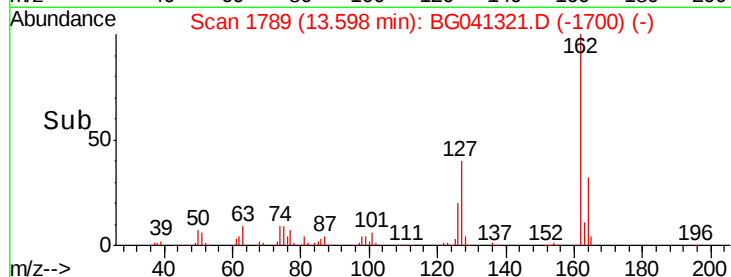
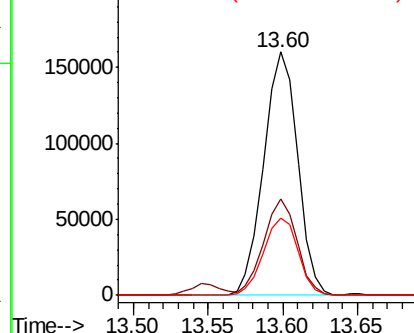
#47  
2-Chloronaphthalene  
Concen: 41.185 ng  
RT: 13.60 min Scan# 1789  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:162 Resp: 252854  
Ion Ratio Lower Upper  
162 100  
127 39.7 31.0 46.4  
164 31.7 26.1 39.1

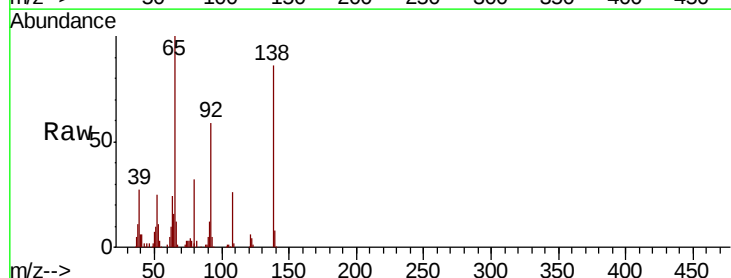


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

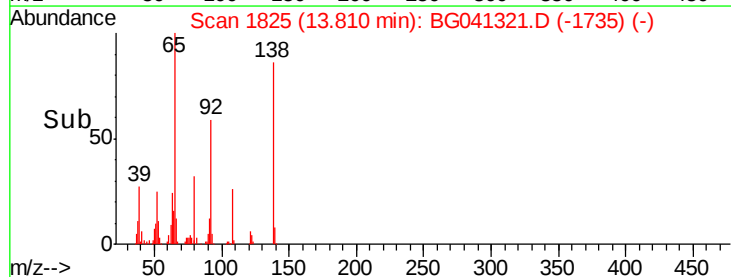
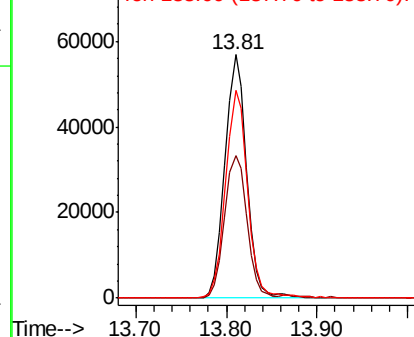


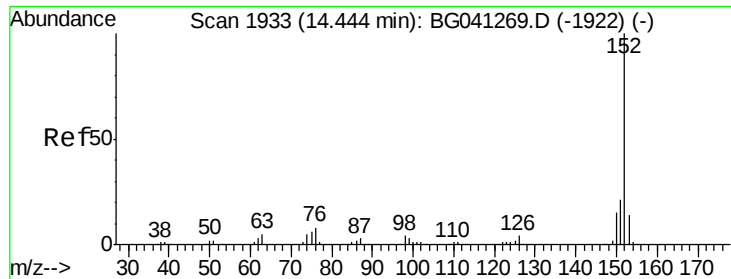
#48  
2-Nitroaniline  
Concen: 42.017 ng  
RT: 13.81 min Scan# 1825  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Tgt Ion: 65 Resp: 94477  
Ion Ratio Lower Upper  
65 100  
92 58.7 47.4 71.2  
138 85.6 64.7 97.1



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





#49

Acenaphthylene

Concen: 40.552 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampleId :

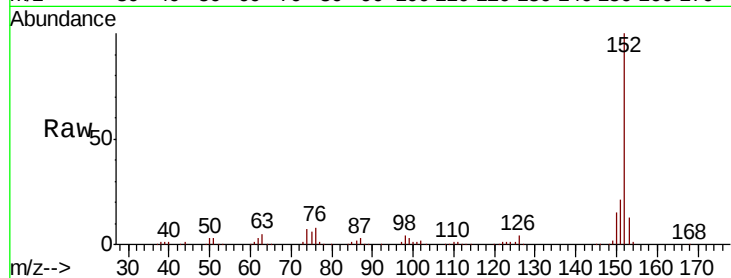
Tot Ion:152 Resp: 377804

Ion Ratio Lower Upper

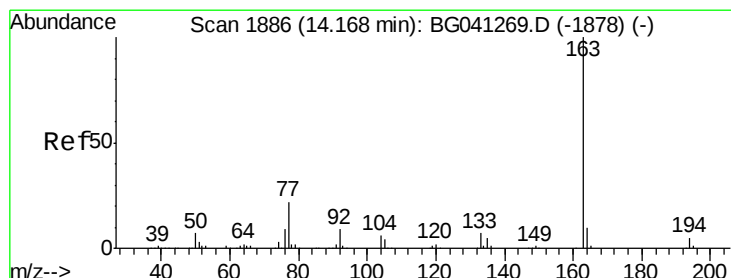
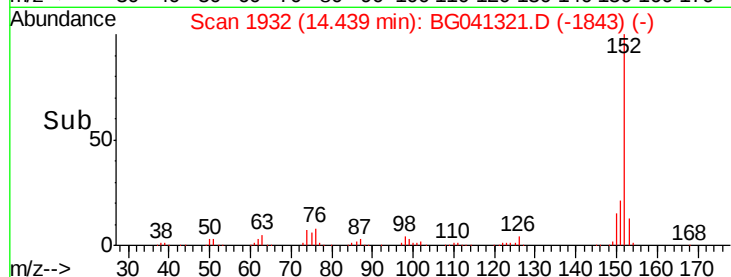
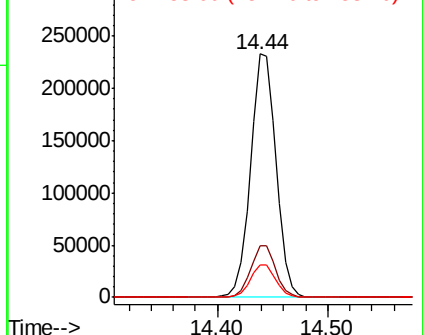
152 100

151 21.4 16.8 25.2

153 13.3 10.8 16.2



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: 40.300 ng

RT: 14.16 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

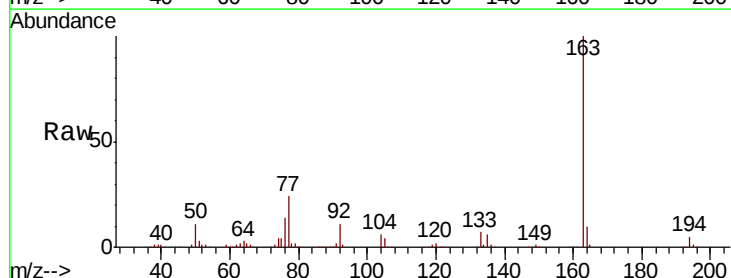
Tgt Ion:163 Resp: 338233

Ion Ratio Lower Upper

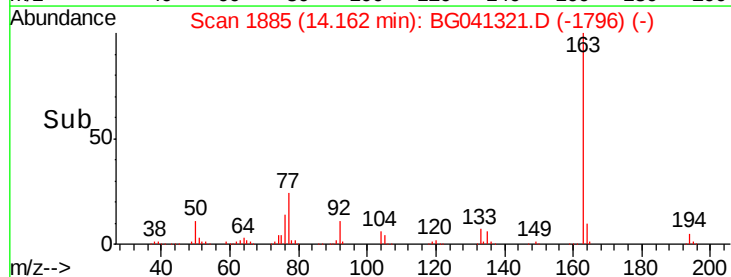
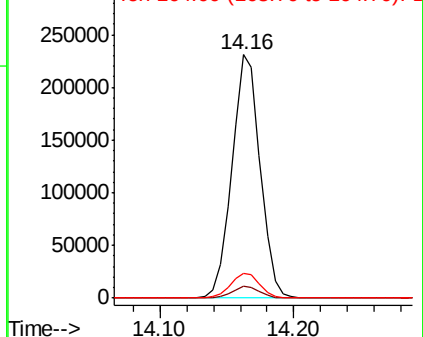
163 100

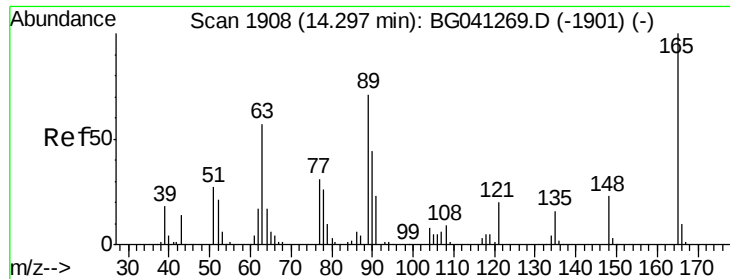
194 5.0 3.9 5.9

164 10.0 8.3 12.5



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

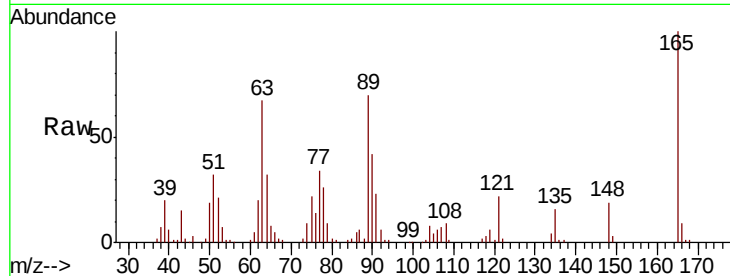




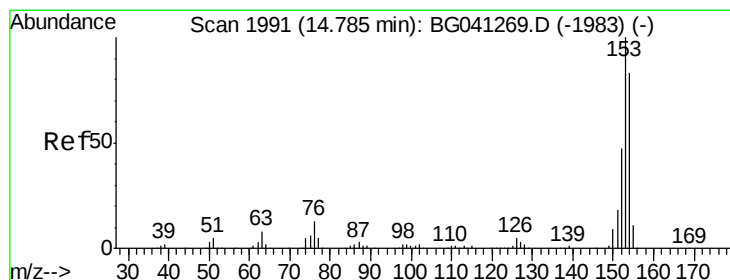
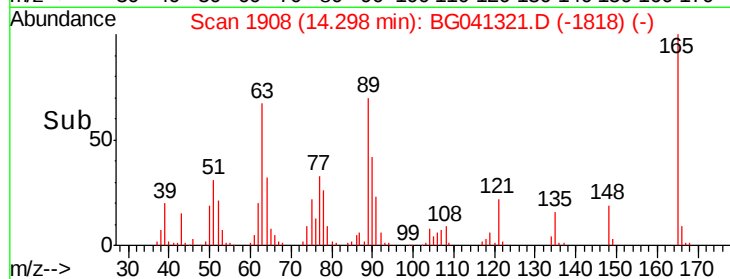
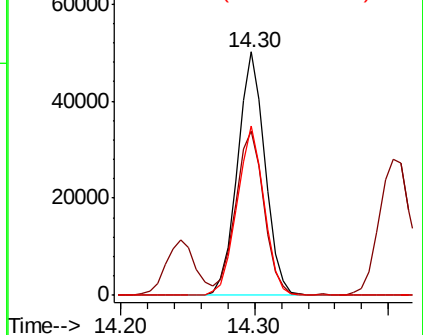
#51  
 2,6-Dinitrotoluene  
 Concen: 40.360 ng  
 RT: 14.30 min Scan# 1908  
 Delta R.T. 0.00 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:165 Resp: 71424  
 Ion Ratio Lower Upper  
 165 100  
 63 67.4 55.4 83.0  
 89 69.6 56.5 84.7

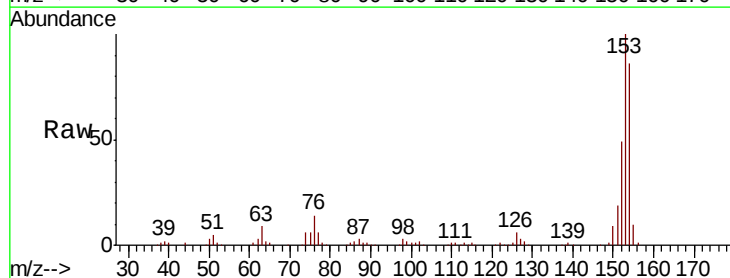


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

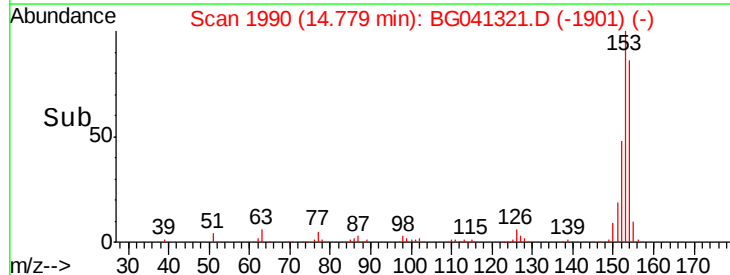
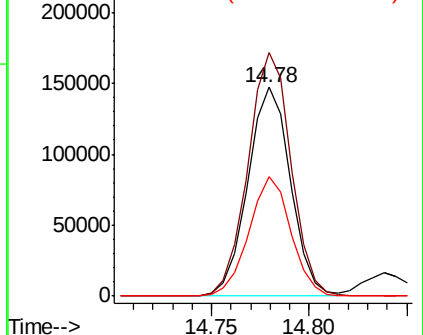


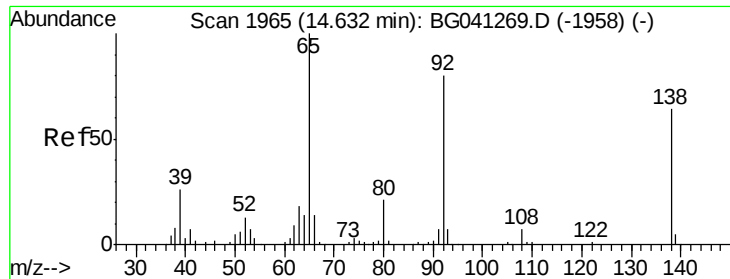
#52  
 Acenaphthene  
 Concen: 40.815 ng  
 RT: 14.78 min Scan# 1990  
 Delta R.T. -0.01 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

Tgt Ion:154 Resp: 223290  
 Ion Ratio Lower Upper  
 154 100  
 153 116.8 96.6 145.0  
 152 57.2 45.5 68.3



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E

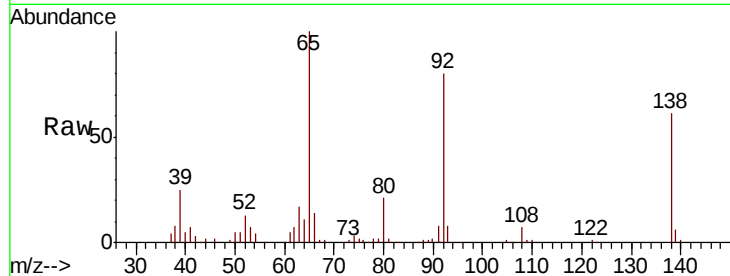




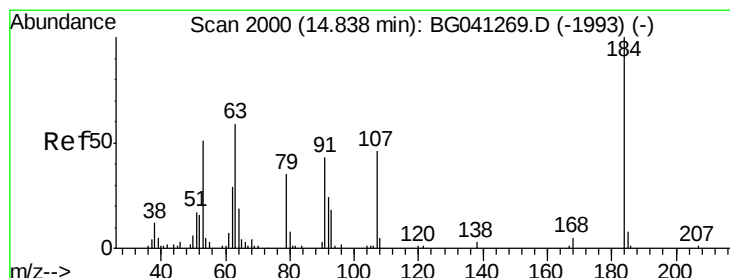
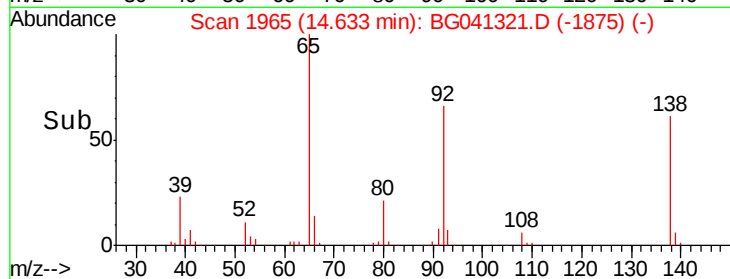
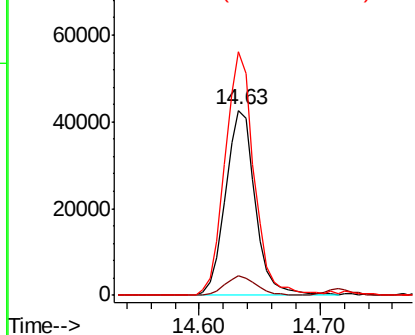
#53  
3-Nitroaniline  
Concen: 41.688 ng  
RT: 14.63 min Scan# 1965  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:138 Resp: 72686  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.3 12.5  
92 131.6 100.2 150.4

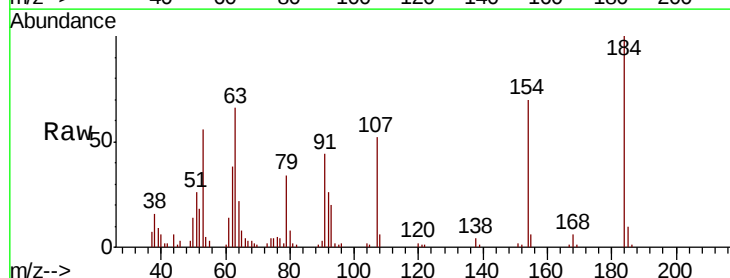


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGC

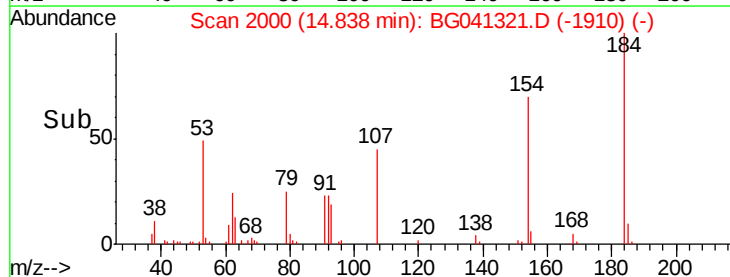
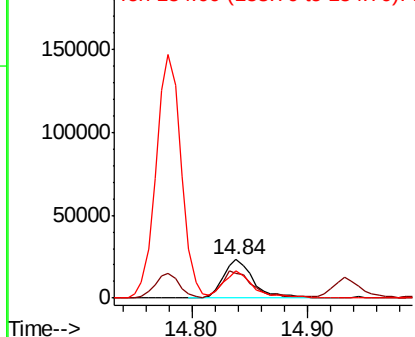


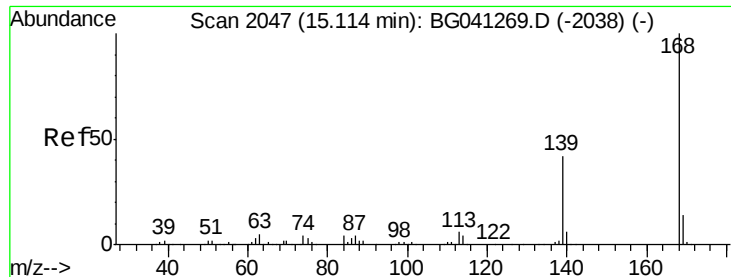
#54  
2,4-Dinitrophenol  
Concen: 36.417 ng  
RT: 14.84 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Tgt Ion:184 Resp: 42763  
Ion Ratio Lower Upper  
184 100  
63 66.1 60.0 90.0  
154 70.5 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 154.00 (153.70 to 154.70): E

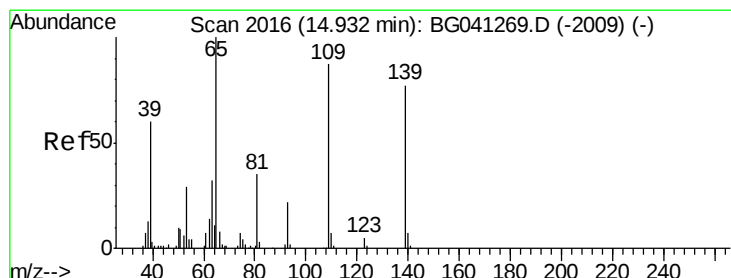
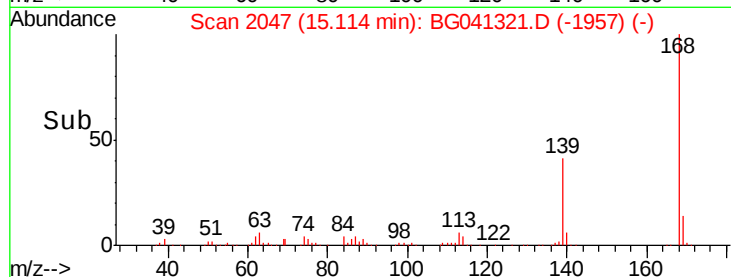
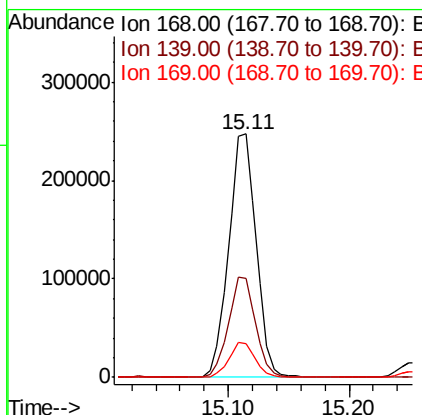
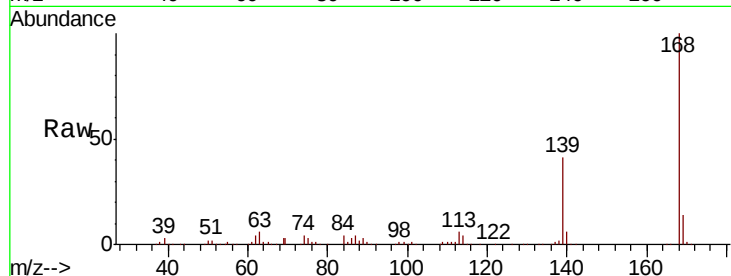




#55  
Dibenzenofuran  
Concen: 41.101 ng  
RT: 15.11 min Scan# 2047  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

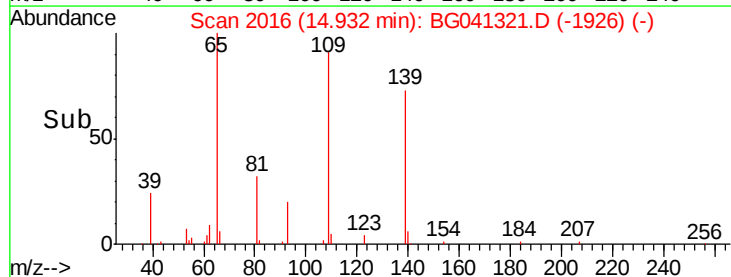
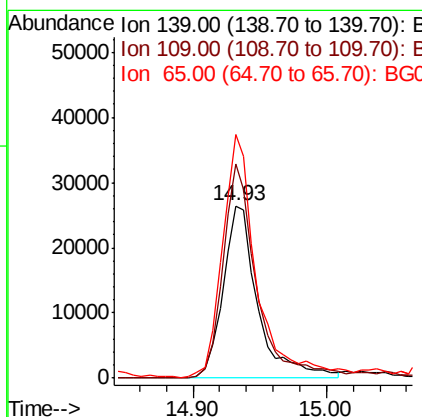
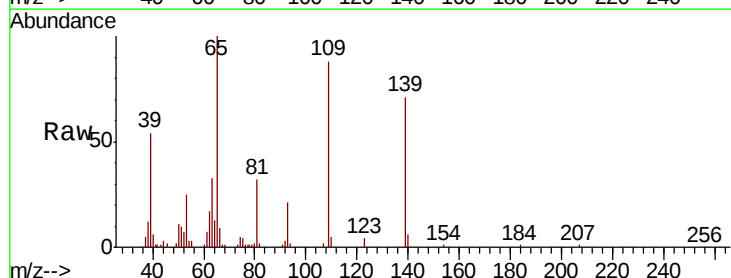
Instrument :  
BNA\_G  
ClientSampleId :

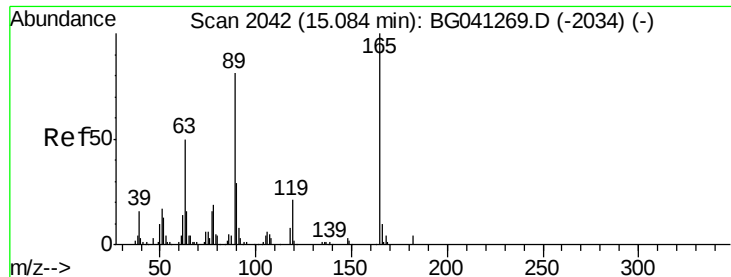
Tot Ion:168 Resp: 390948  
Ion Ratio Lower Upper  
168 100  
139 40.6 33.6 50.4  
169 13.7 10.8 16.2



#56  
4-Nitrophenol  
Concen: 38.266 ng  
RT: 14.93 min Scan# 2016  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Tgt Ion:139 Resp: 48371  
Ion Ratio Lower Upper  
139 100  
109 124.4 93.2 133.2  
65 141.6 110.2 150.2

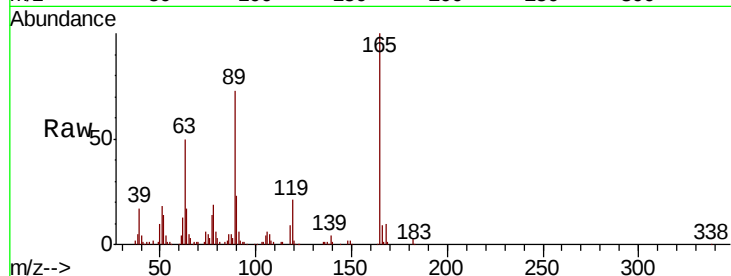




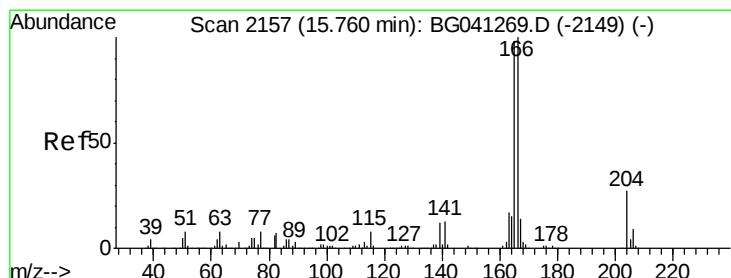
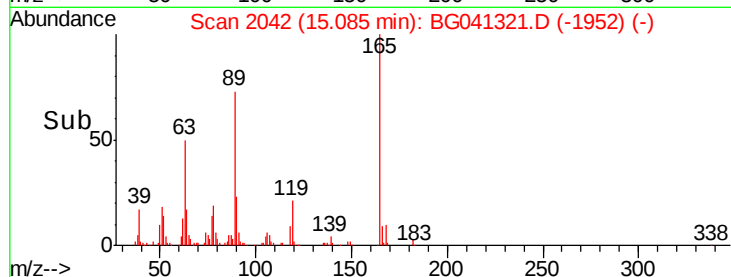
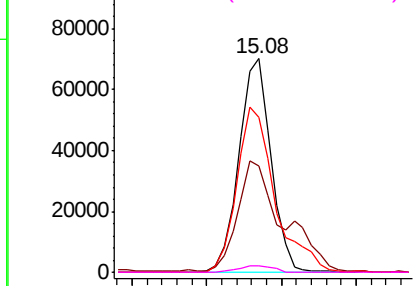
#57  
 2,4-Dinitrotoluene  
 Concen: 40.274 ng  
 RT: 15.08 min Scan# 2042  
 Delta R.T. 0.00 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 104186 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 50.0  | 40.0  | 60.0   |
| 89       | 72.5  | 64.6  | 96.8   |
| 182      | 3.2   | 2.9   | 4.3    |

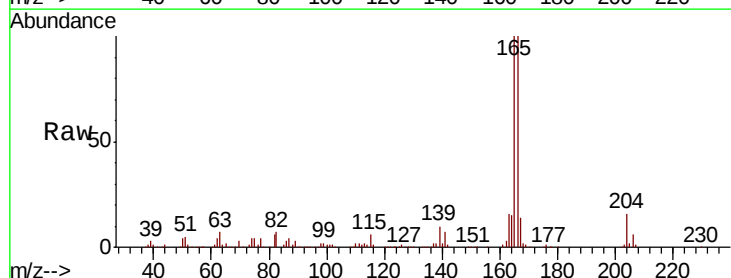


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

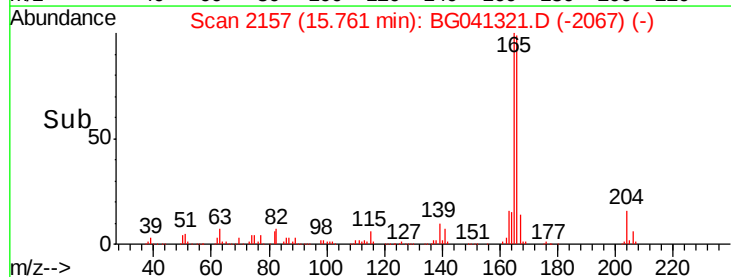
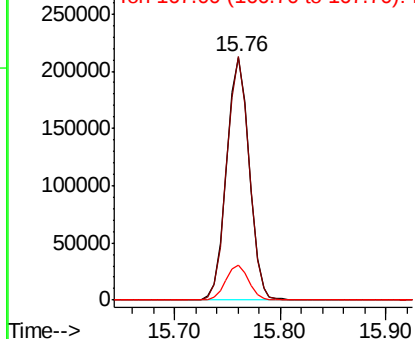


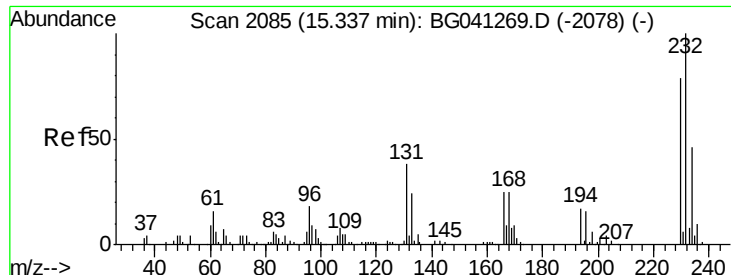
#58  
 Fluorene  
 Concen: 41.939 ng  
 RT: 15.76 min Scan# 2157  
 Delta R.T. 0.00 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 313808 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 100.3 | 78.8  | 118.2  |
| 167      | 14.4  | 11.3  | 16.9   |



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

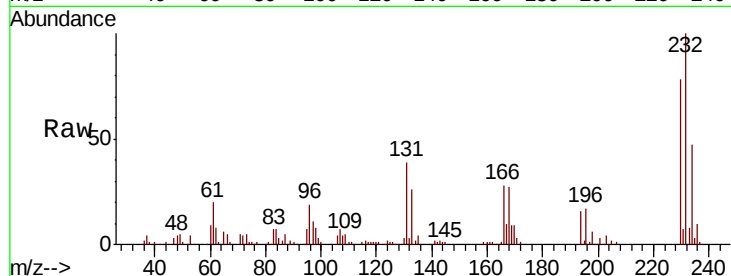




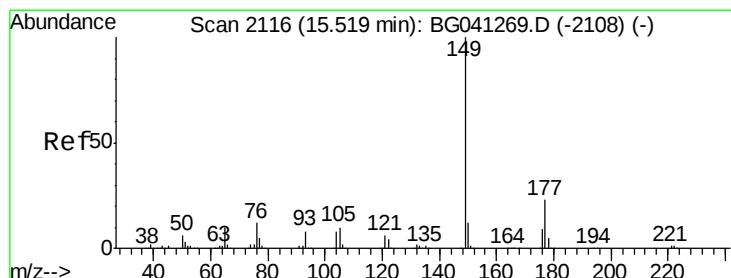
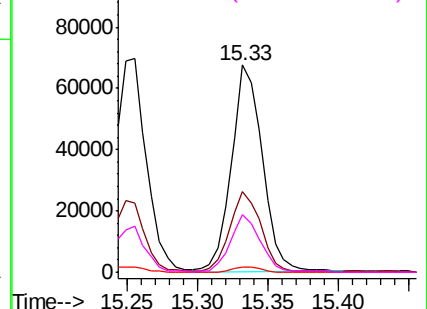
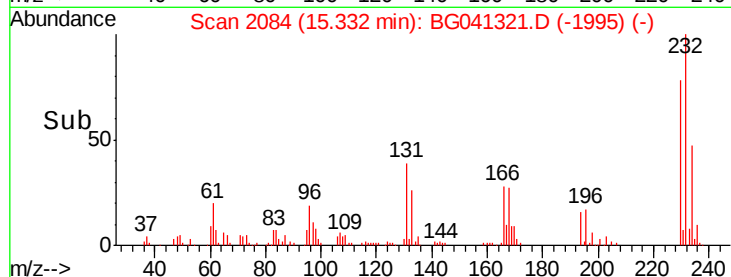
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.977 ng  
RT: 15.33 min Scan# 2084  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.2  | 29.0  | 43.6  |
| 130     | 2.4   | 1.6   | 2.4   |
| 166     | 27.5  | 21.0  | 31.4  |

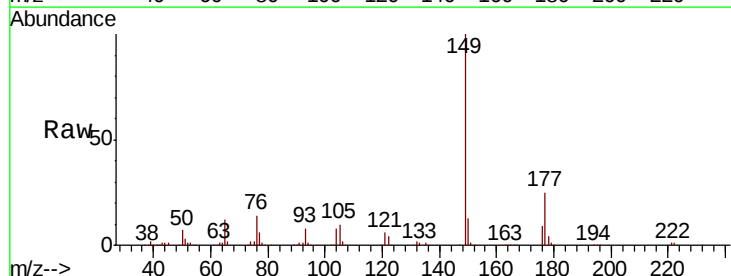


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

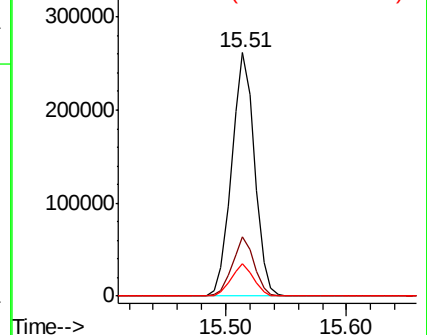
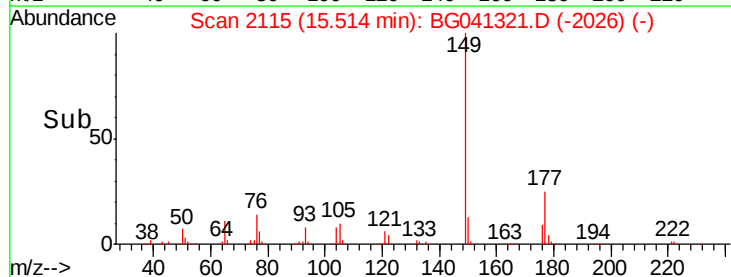


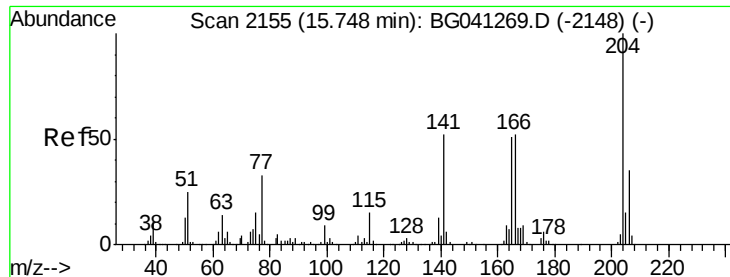
#60  
Diethylphthalate  
Concen: 40.248 ng  
RT: 15.51 min Scan# 2115  
Delta R.T. -0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.6  | 18.4  | 27.6  |
| 150     | 13.1  | 9.9   | 14.9  |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

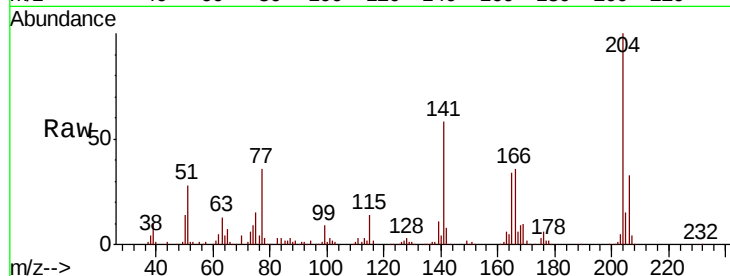




#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.422 ng  
 RT: 15.74 min Scan# 2154  
 Delta R.T. -0.01 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

Instrument :  
 BNA\_G  
 ClientSampleID :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 27.9  | 41.9  |
| 141     | 58.0  | 41.4  | 62.0  |

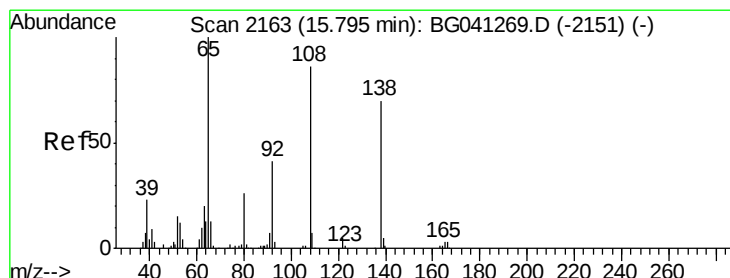
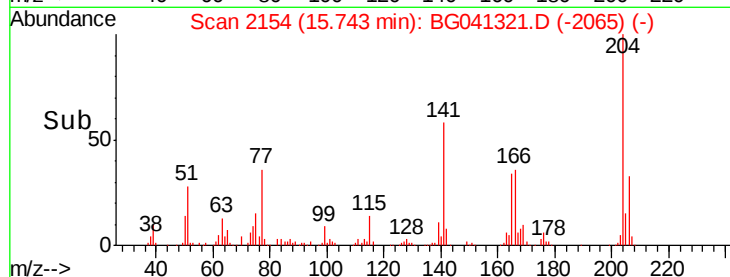
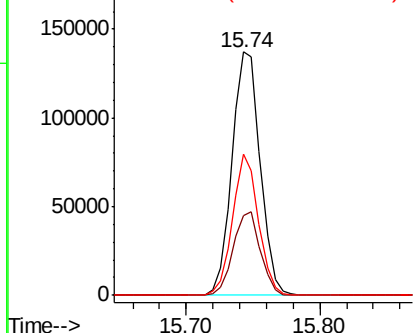


Abundance

Ion 204.00 (203.70 to 204.70): E

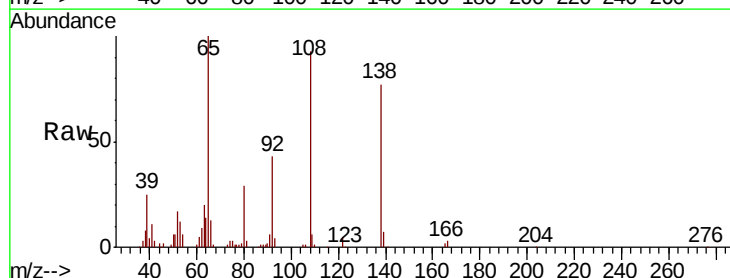
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
 4-Nitroaniline  
 Concen: 42.689 ng  
 RT: 15.80 min Scan# 2163  
 Delta R.T. 0.00 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.3  | 38.8  | 78.8  |
| 108     | 121.7 | 103.4 | 143.4 |

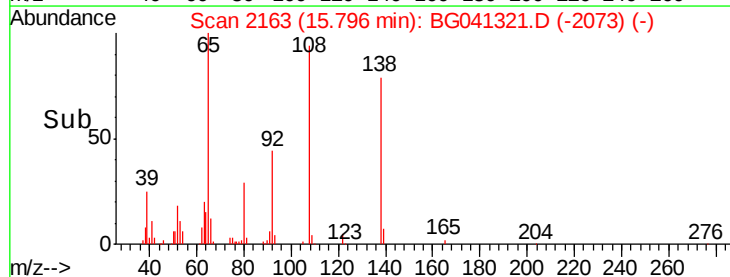
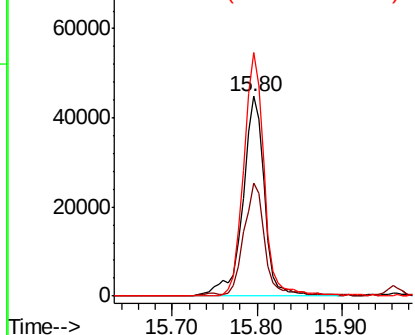


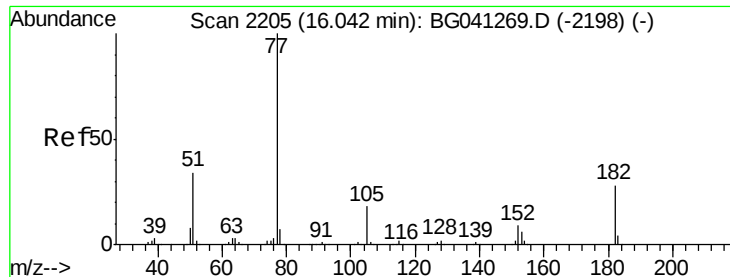
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.461 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 315541

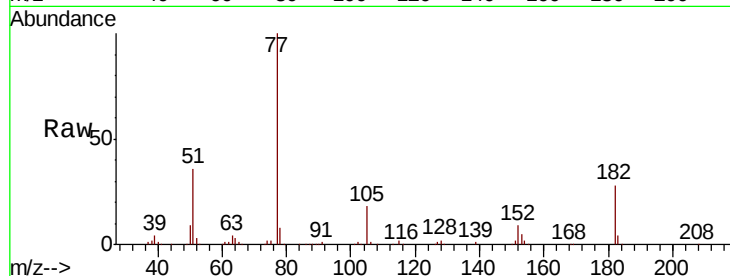
Ion Ratio Lower Upper

77 100

182 27.7 7.5 47.5

105 17.9 0.0 37.7

51 36.5 14.6 54.6

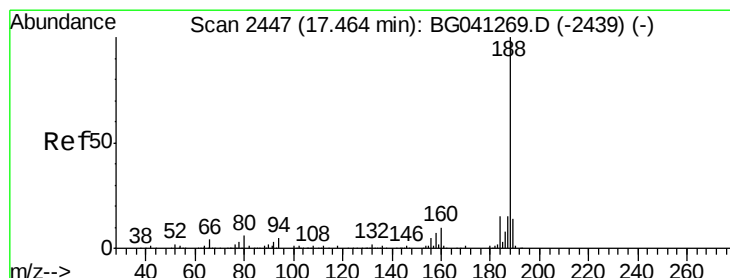
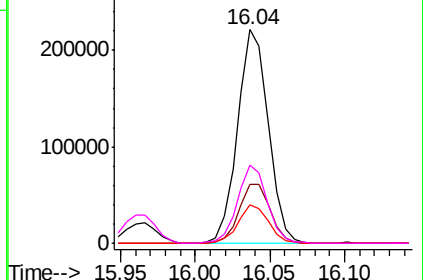
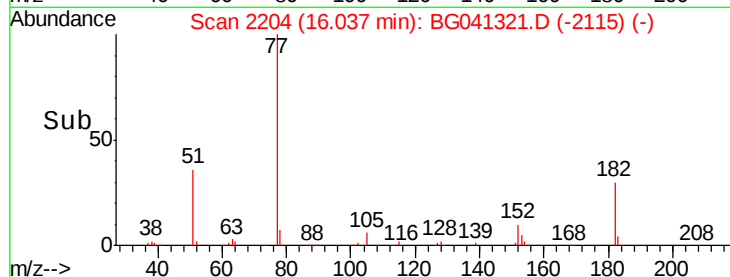


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

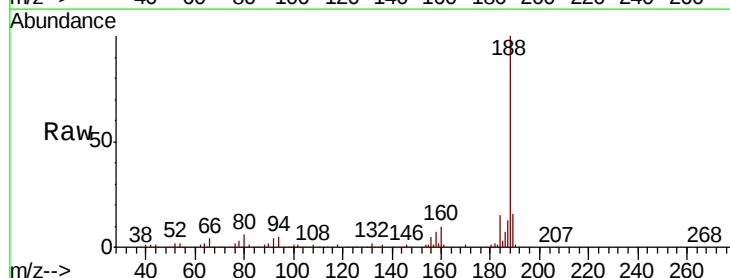
Tgt Ion: 188 Resp: 249387

Ion Ratio Lower Upper

188 100

94 5.4 3.6 5.4#

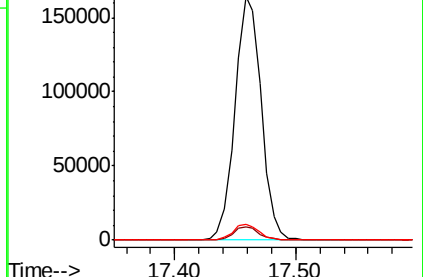
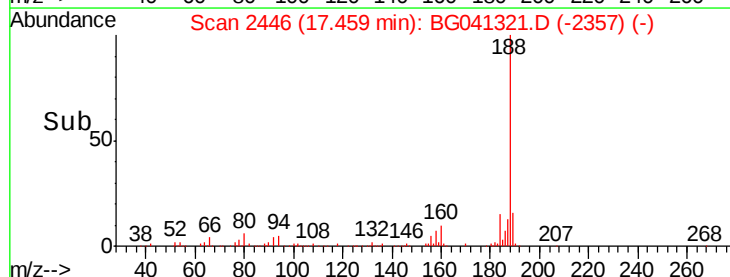
80 6.4 4.8 7.2

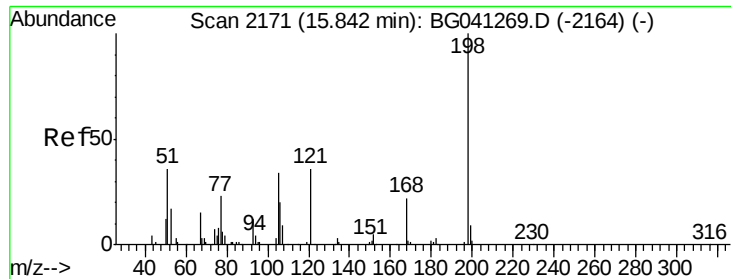


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 34.618 ng

RT: 15.84 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampled :

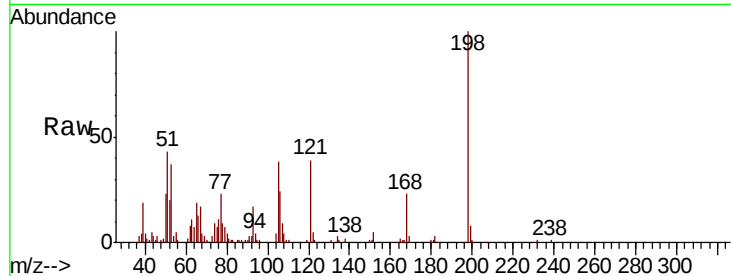
Tot Ion:198 Resp: 56037

Ion Ratio Lower Upper

198 100

51 43.1 23.4 63.4

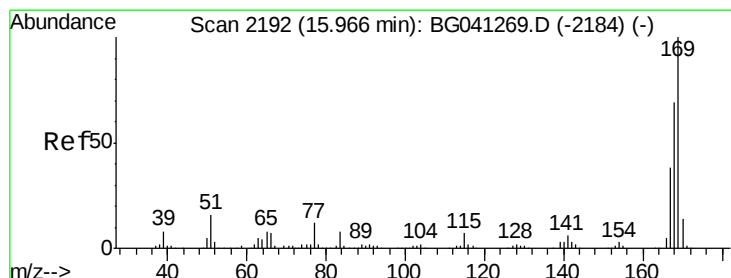
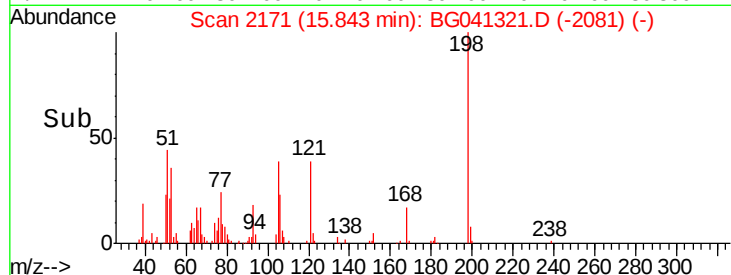
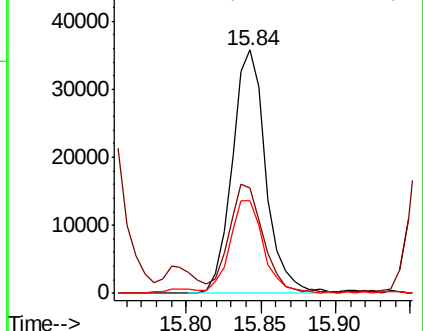
105 38.1 15.8 55.8



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: 41.776 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

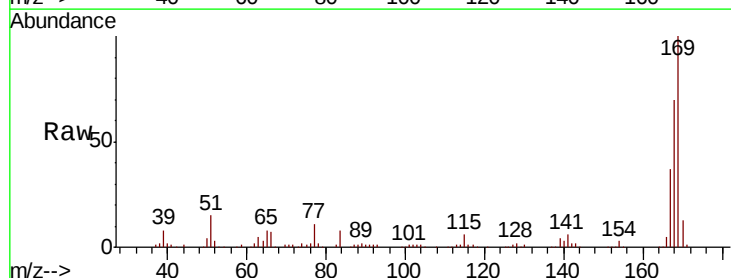
Tgt Ion:169 Resp: 276637

Ion Ratio Lower Upper

169 100

168 70.2 55.2 82.8

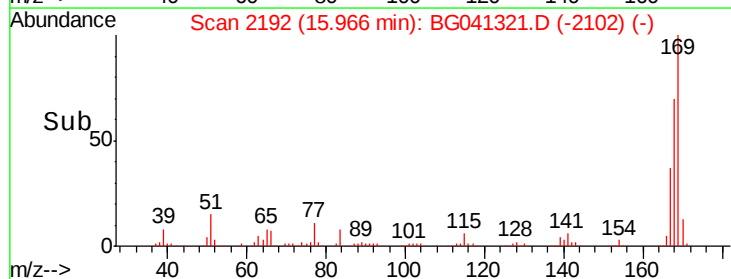
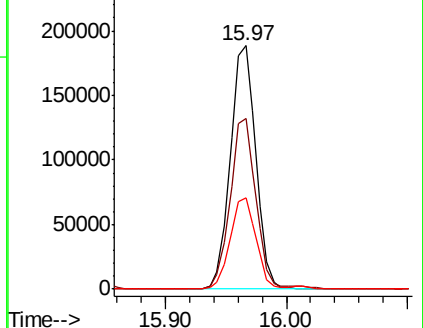
167 37.2 30.4 45.6

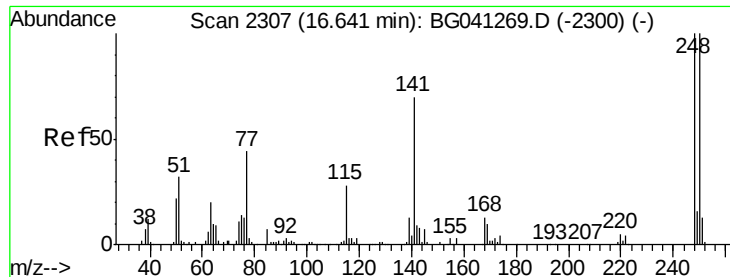


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

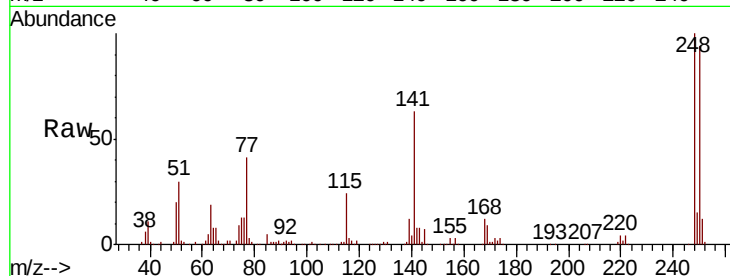




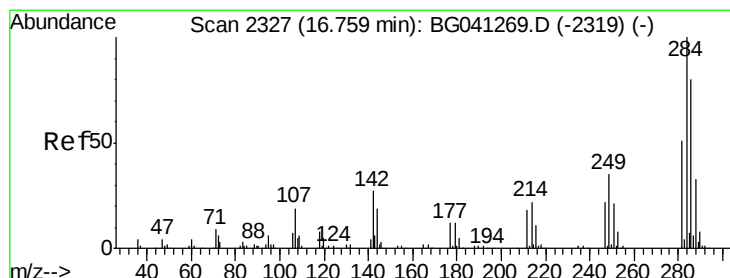
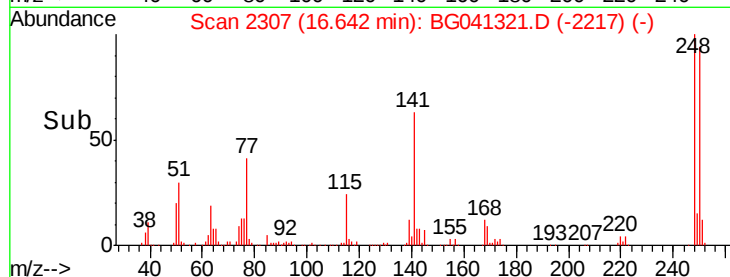
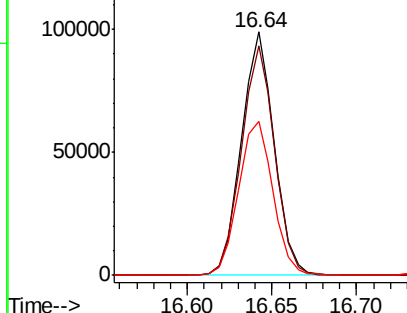
#67  
 4-Bromophenyl-phenylether  
 Concen: 41.526 ng  
 RT: 16.64 min Scan# 2307  
 Delta R.T. 0.00 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:248 Resp: 133907  
 Ion Ratio Lower Upper  
 248 100  
 250 94.3 79.8 119.8  
 141 63.0 55.8 83.6

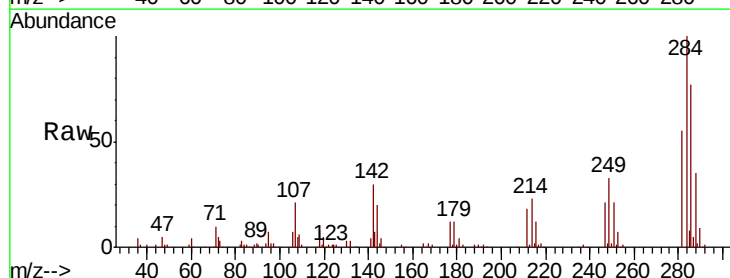


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

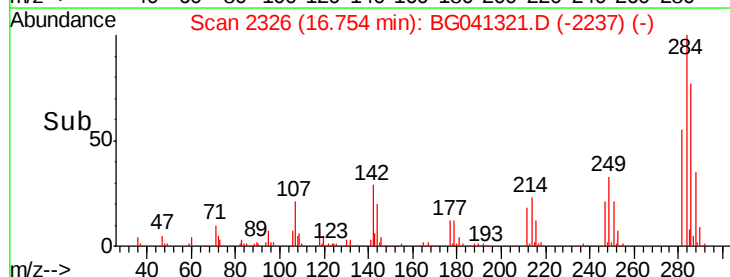
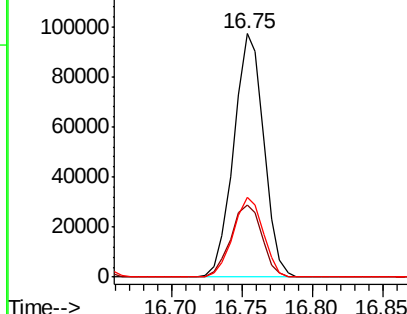


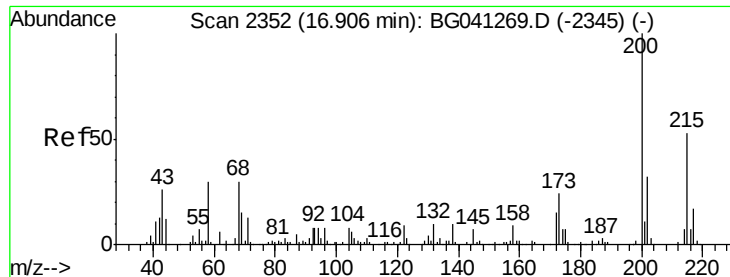
#68  
 Hexachlorobenzene  
 Concen: 41.712 ng  
 RT: 16.75 min Scan# 2326  
 Delta R.T. -0.01 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

Tgt Ion:284 Resp: 144034  
 Ion Ratio Lower Upper  
 284 100  
 142 29.7 21.8 32.8  
 249 32.9 27.8 41.6



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





#69

Atrazine

Concen: 39.869 ng

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampled :

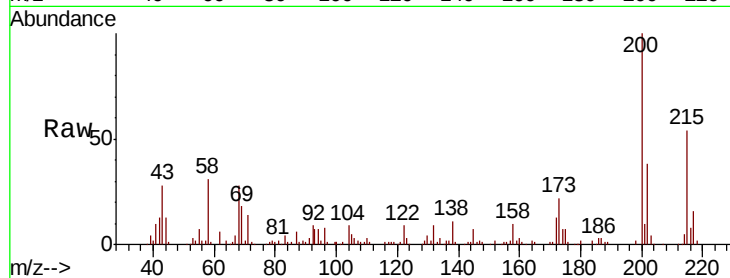
Tot Ion:200 Resp: 98992

Ion Ratio Lower Upper

200 100

173 21.6 4.0 44.0

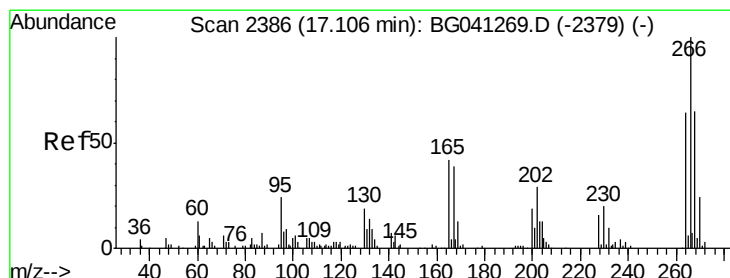
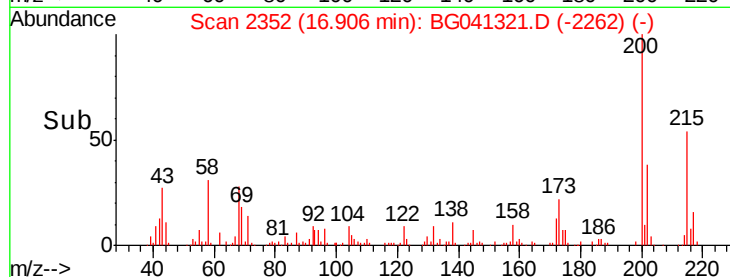
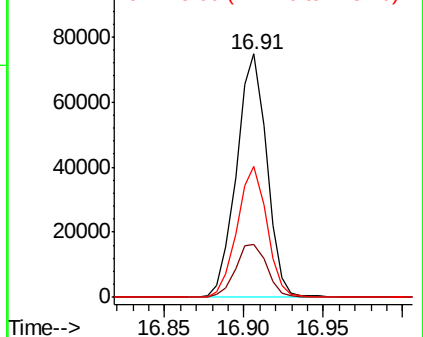
215 53.8 33.4 73.4



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: 38.319 ng

RT: 17.11 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

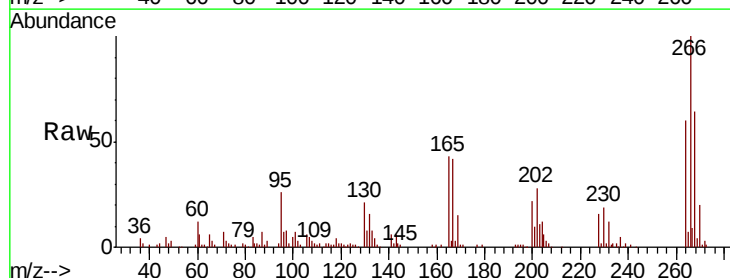
Tgt Ion:266 Resp: 67754

Ion Ratio Lower Upper

266 100

268 67.6 52.0 78.0

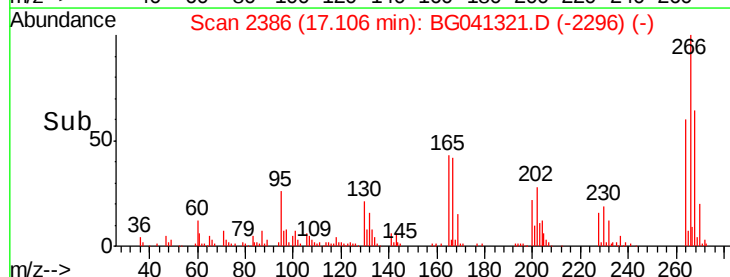
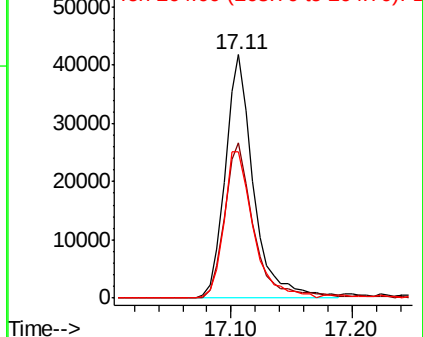
264 59.9 51.2 76.8

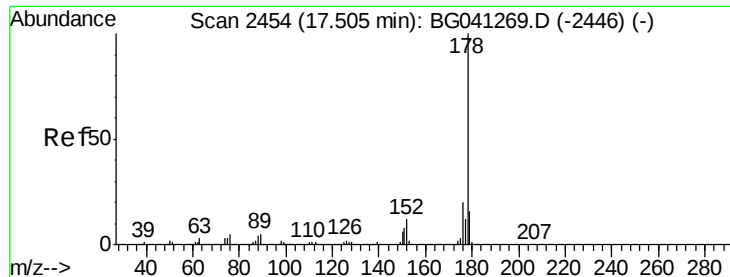


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

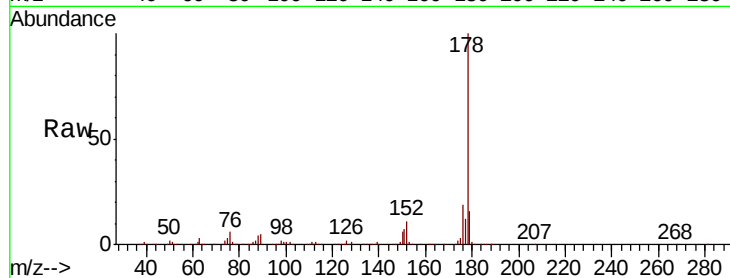




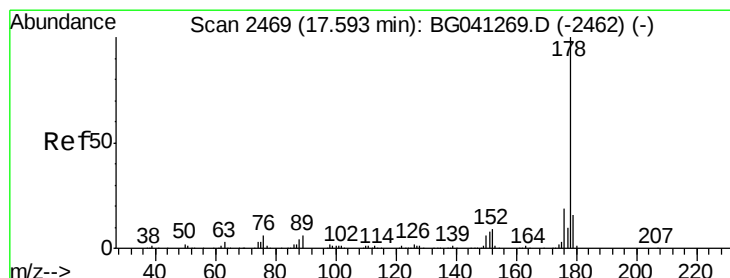
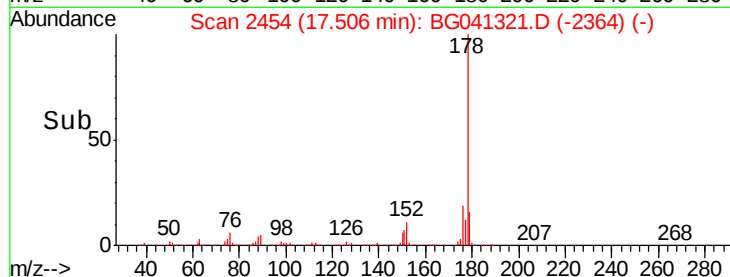
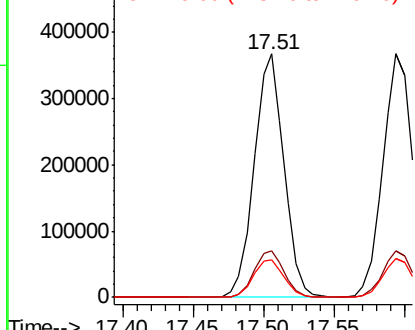
#71  
Phenanthrene  
Concen: 40.858 ng  
RT: 17.51 min Scan# 2454  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 543438  
Ion Ratio Lower Upper  
178 100  
176 19.2 16.1 24.1  
179 15.5 12.9 19.3

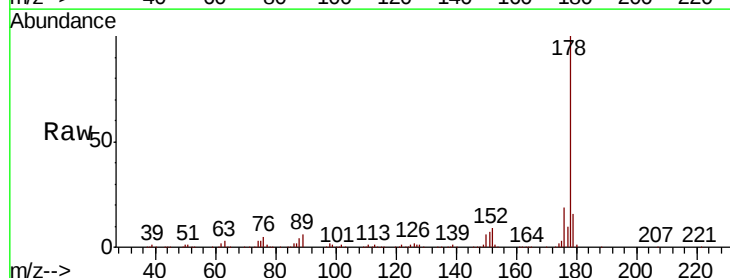


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

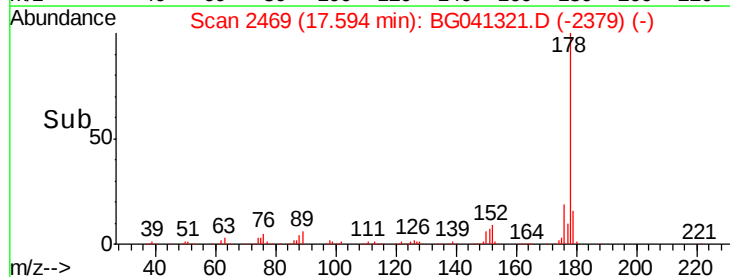
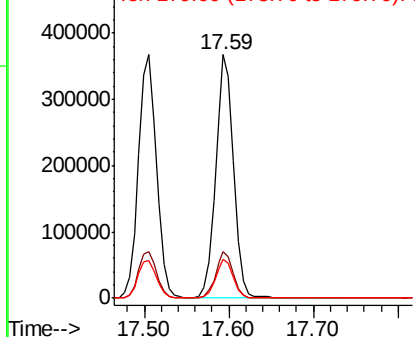


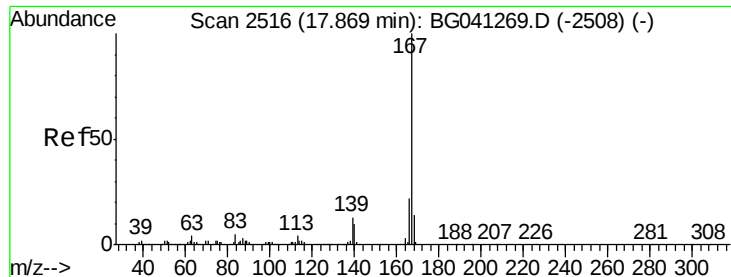
#72  
Anthracene  
Concen: 41.620 ng  
RT: 17.59 min Scan# 2469  
Delta R.T. 0.00 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Tgt Ion:178 Resp: 545755  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.2  
179 16.1 13.0 19.4



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

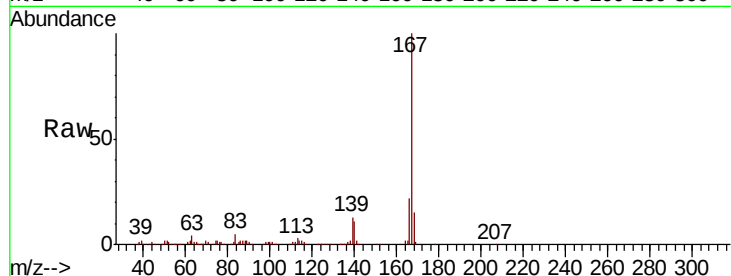




#73  
 Carbazole  
 Concen: 39.962 ng  
 RT: 17.87 min Scan# 2516  
 Delta R.T. 0.00 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.5  | 17.9  | 26.9  |
| 139     | 13.3  | 10.7  | 16.1  |

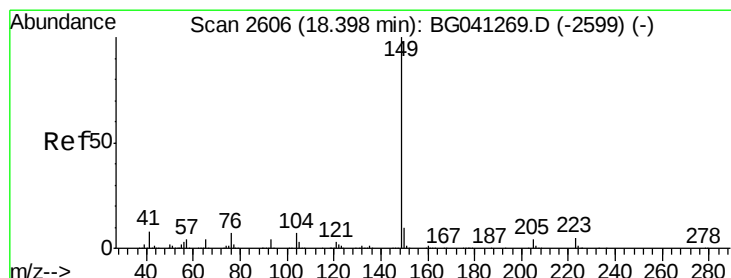
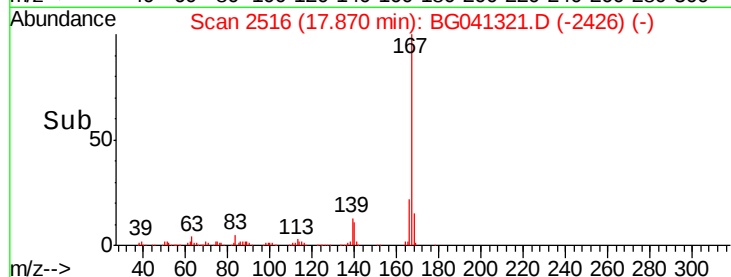
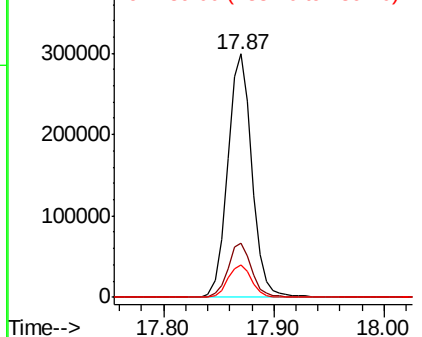


Abundance

Ion 167.00 (166.70 to 167.70): E

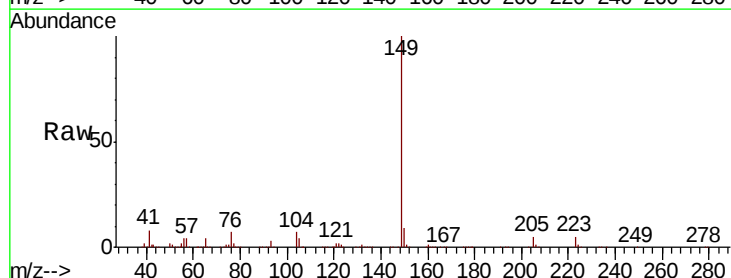
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74  
 Di-n-butylphthalate  
 Concen: 39.989 ng  
 RT: 18.40 min Scan# 2606  
 Delta R.T. 0.00 min  
 Lab File: BG041321.D  
 Acq: 19 Jun 2019 10:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 8.1   | 12.1  |
| 104     | 7.1   | 5.4   | 8.0   |

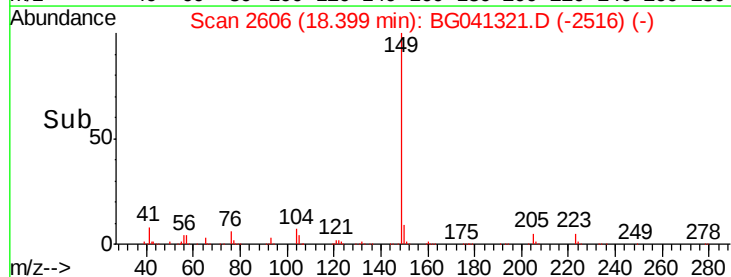
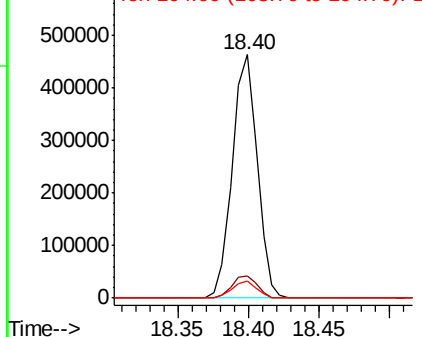


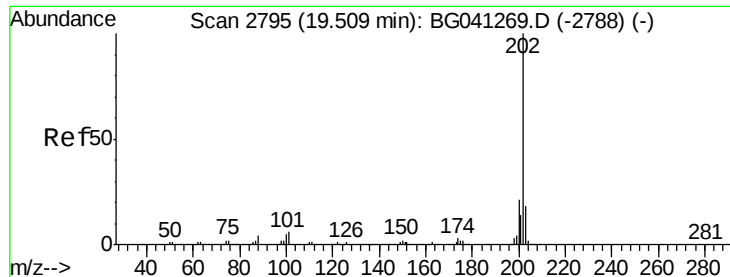
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.607 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampleId :

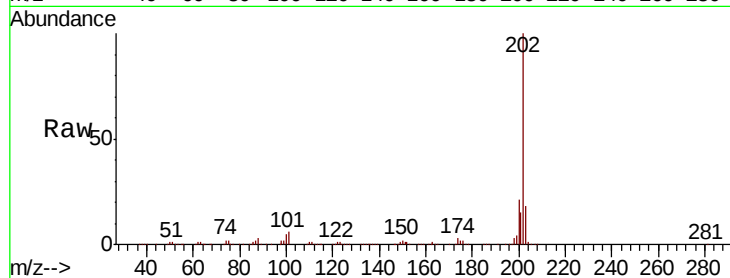
Tot Ion:202 Resp: 699857

Ion Ratio Lower Upper

202 100

101 5.6 0.0 26.0

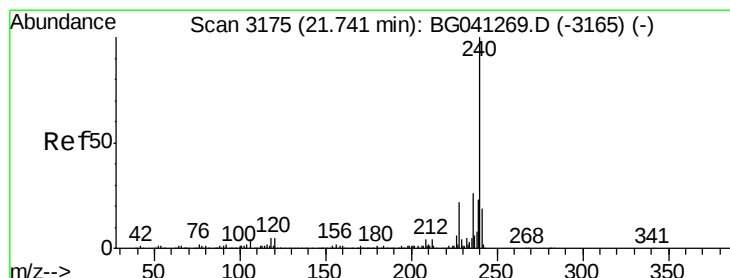
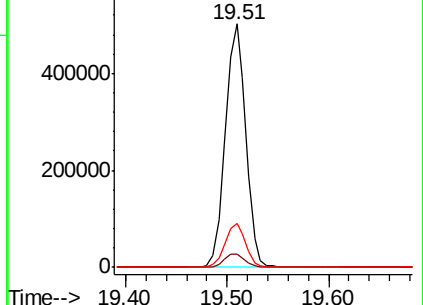
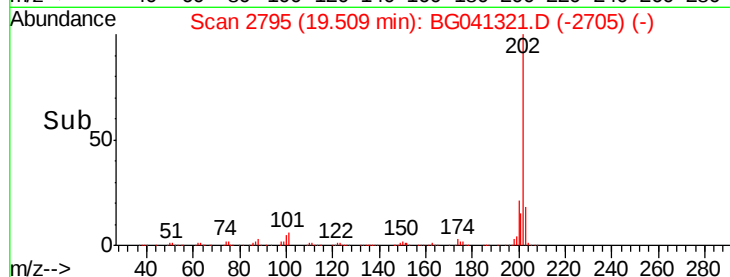
203 18.2 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

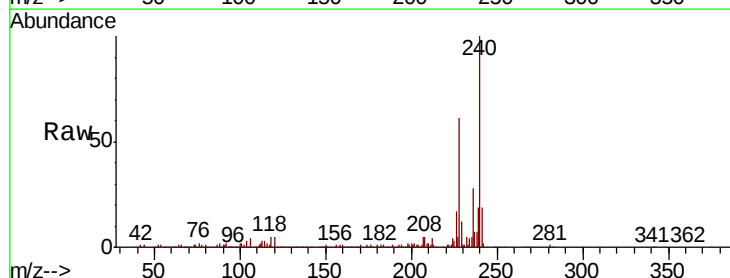
Tgt Ion:240 Resp: 251778

Ion Ratio Lower Upper

240 100

120 5.3 3.7 5.5

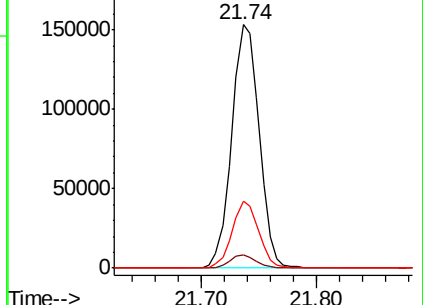
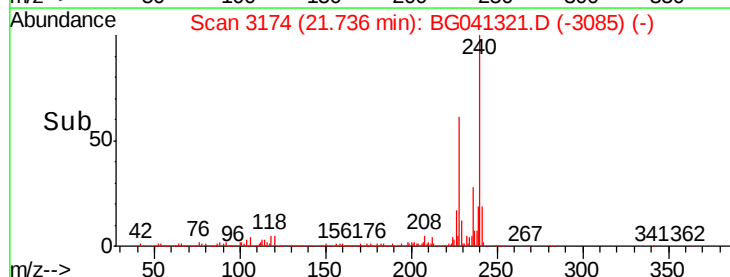
236 27.7 21.1 31.7

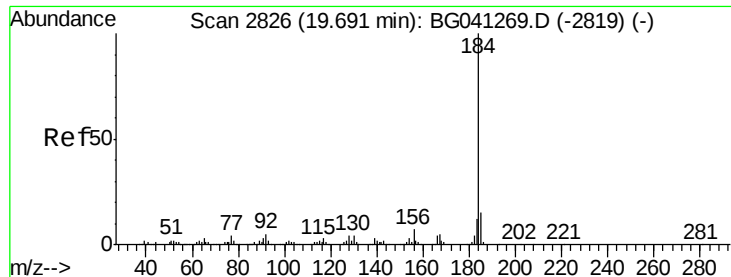


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.673 ng

RT: 19.69 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

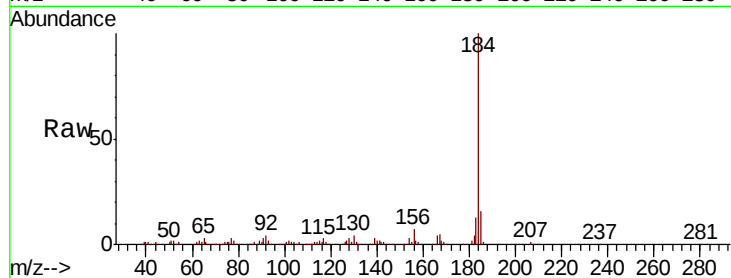
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 241607

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.8  | 12.2  | 18.2  |
| 183 | 12.6  | 9.6   | 14.4  |

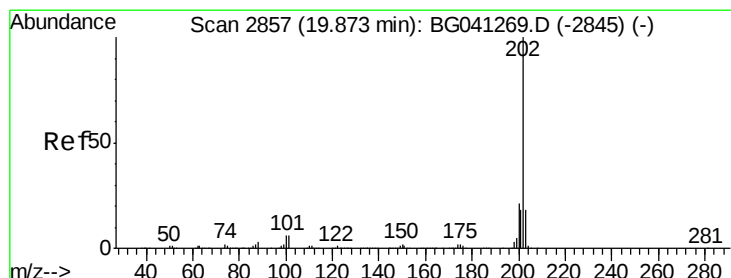
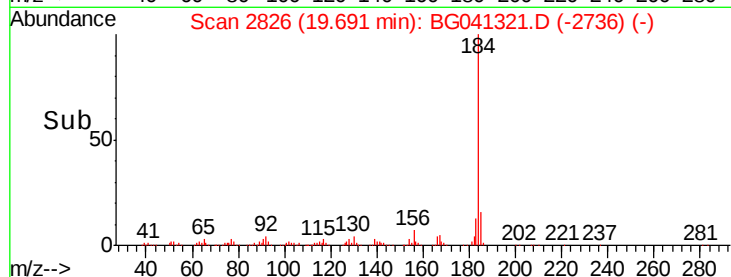
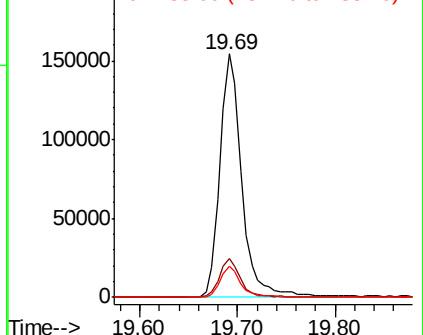


Abundance

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: 41.401 ng

RT: 19.87 min Scan# 2857

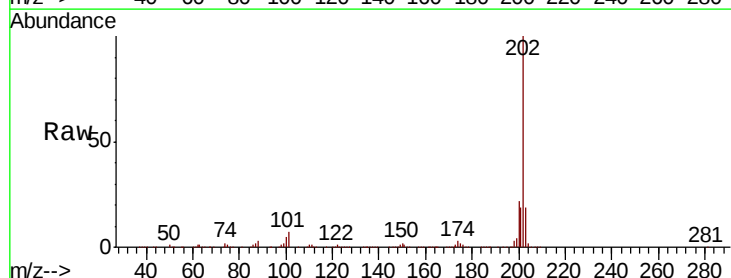
Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Tgt Ion:202 Resp: 702990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.9  | 16.8  | 25.2  |
| 203 | 18.7  | 14.6  | 21.8  |

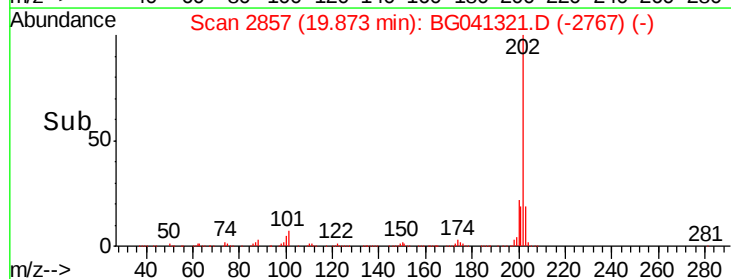
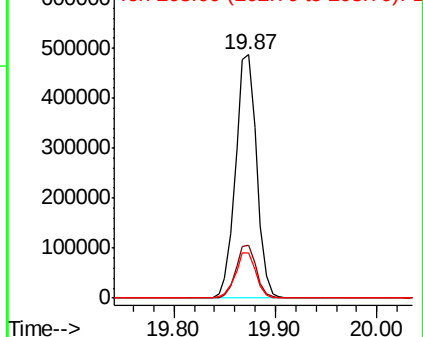


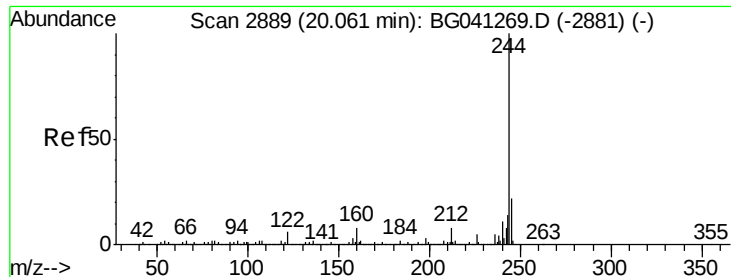
Abundance

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: 84.238 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampleId :

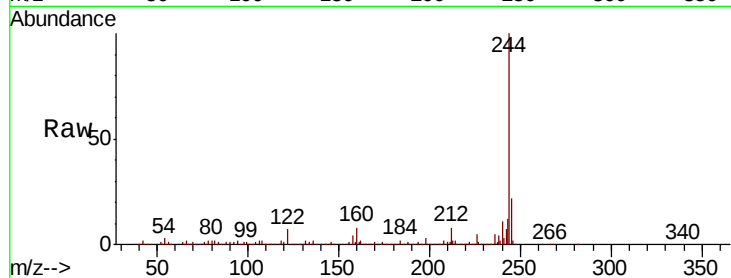
Tot Ion:244 Resp: 1070211

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

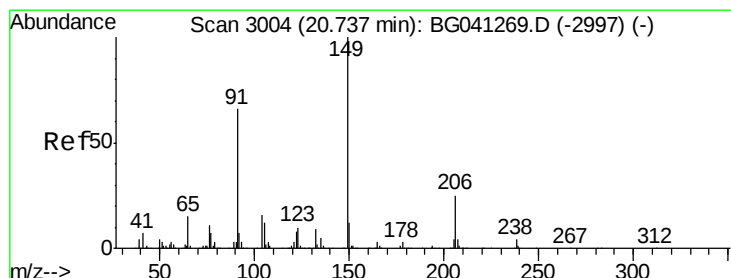
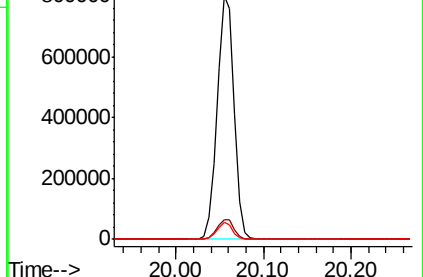
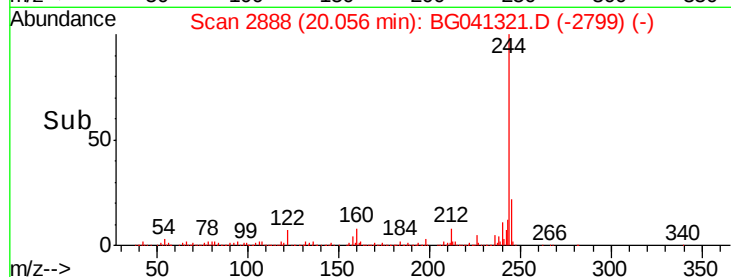
122 6.9 5.0 7.4



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: 41.334 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

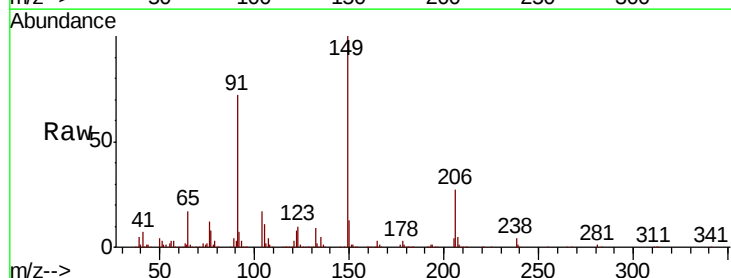
Tgt Ion:149 Resp: 265472

Ion Ratio Lower Upper

149 100

91 72.0 53.2 79.8

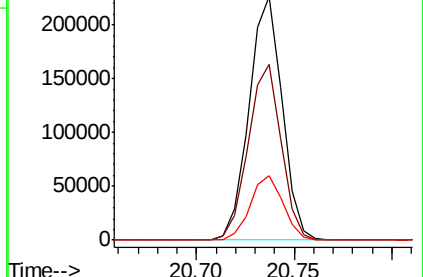
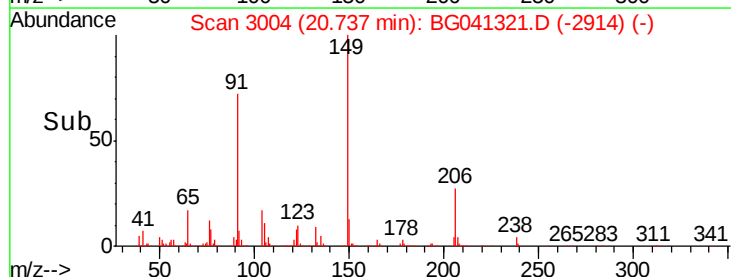
206 26.5 20.3 30.5

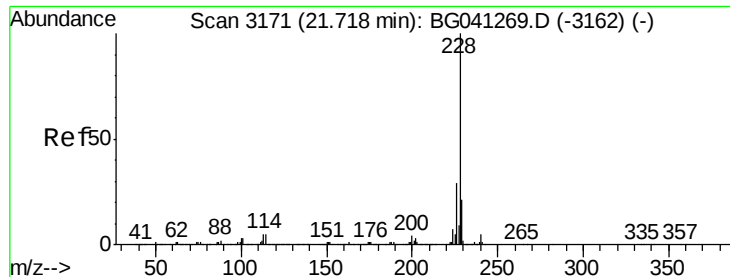


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.600 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

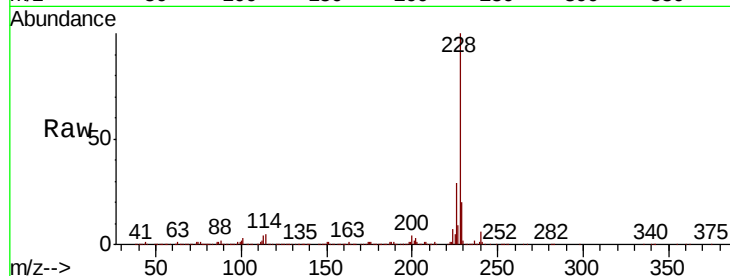
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 709174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.8  | 23.2  | 34.8  |
| 229 | 20.3  | 16.8  | 25.2  |

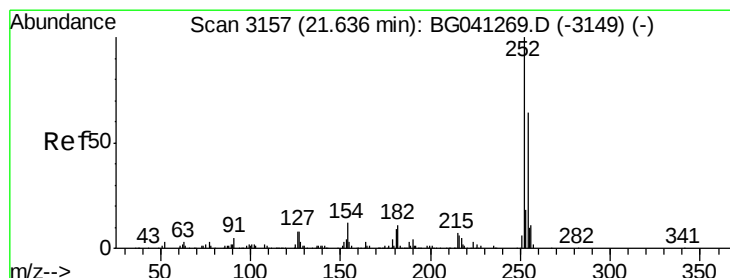
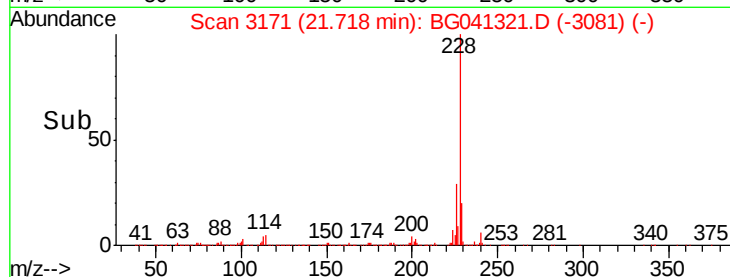
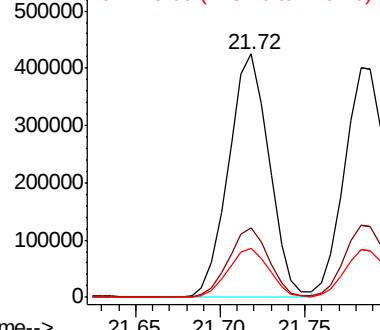


Abundance

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: 39.951 ng

RT: 21.63 min Scan# 3156

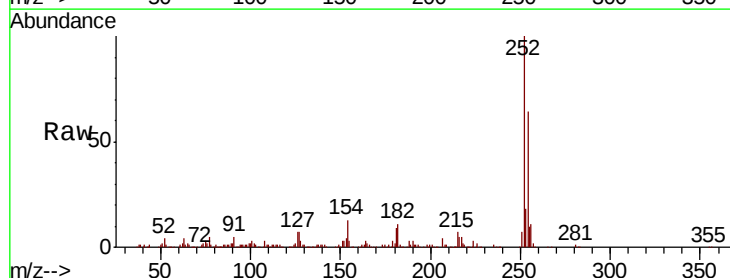
Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Tgt Ion:252 Resp: 239083

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.3  | 51.4  | 77.0  |
| 126 | 6.5   | 6.0   | 9.0   |

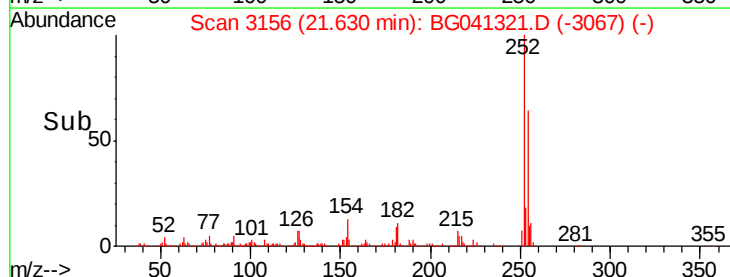
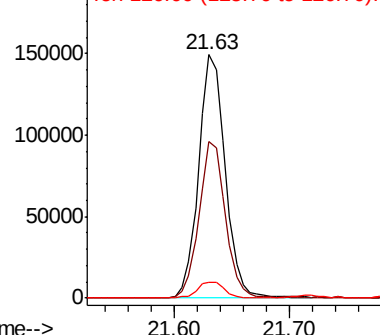


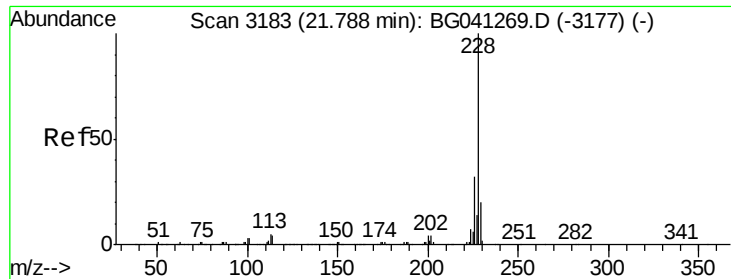
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.318 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampled :

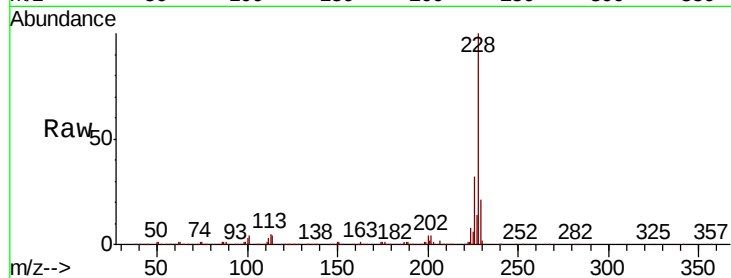
Tot Ion:228 Resp: 677374

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

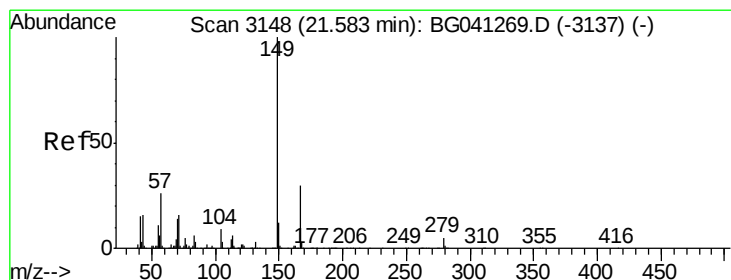
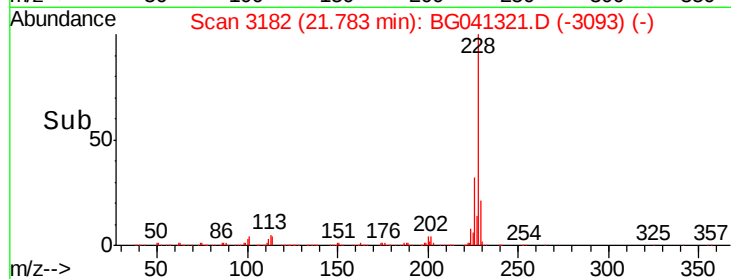
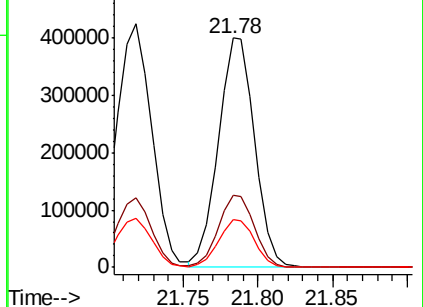
229 20.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.099 ng

RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

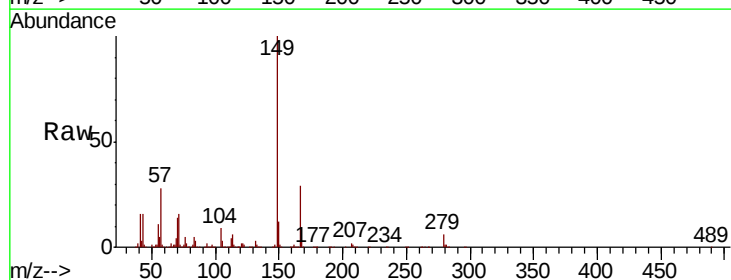
Tgt Ion:149 Resp: 368480

Ion Ratio Lower Upper

149 100

167 29.1 23.8 35.8

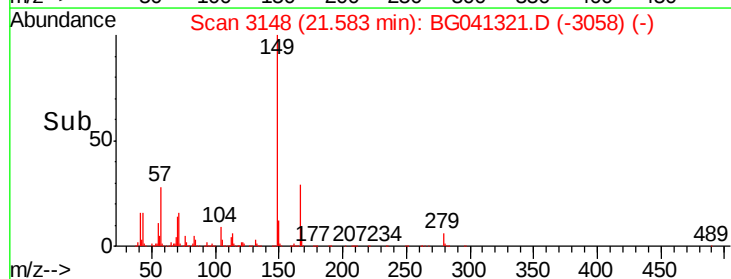
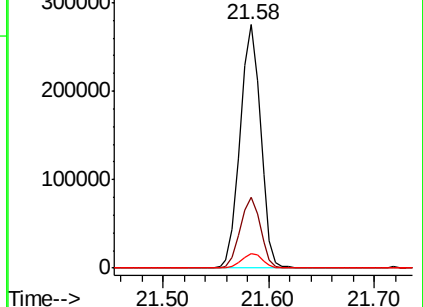
279 5.8 4.4 6.6

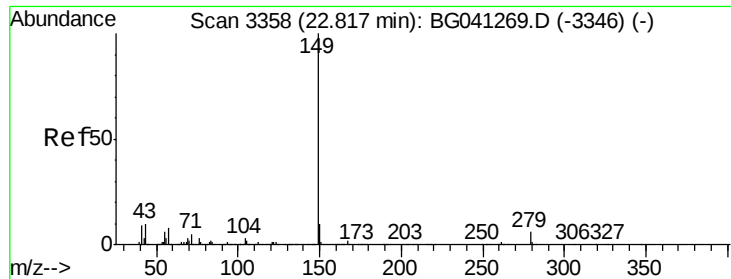


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.825 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampled :

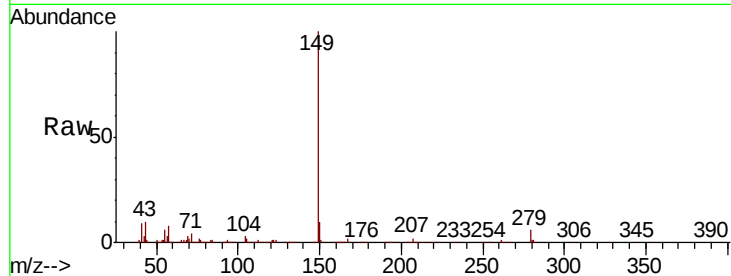
Tot Ion:149 Resp: 619364

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

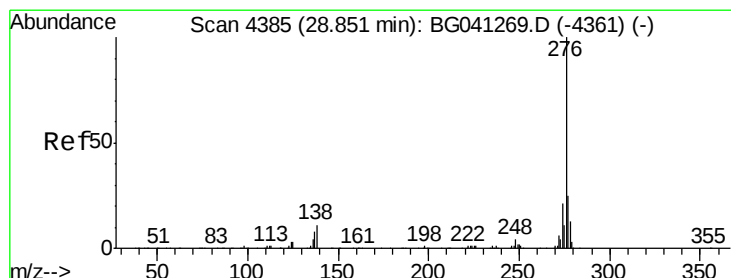
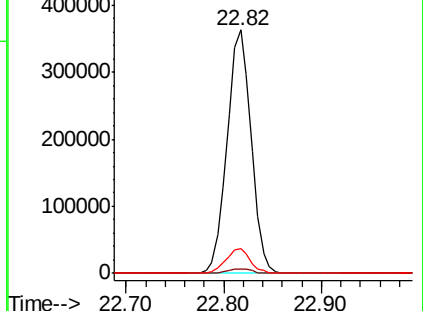
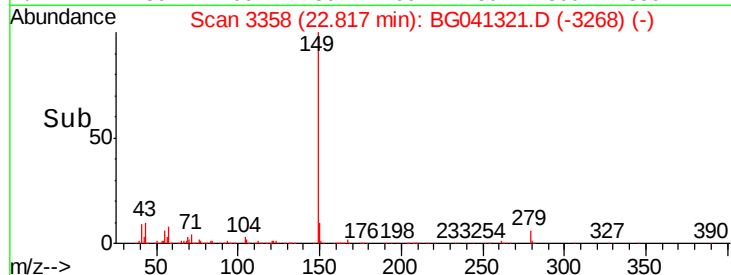
43 10.2 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.119 ng

RT: 28.85 min Scan# 4385

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

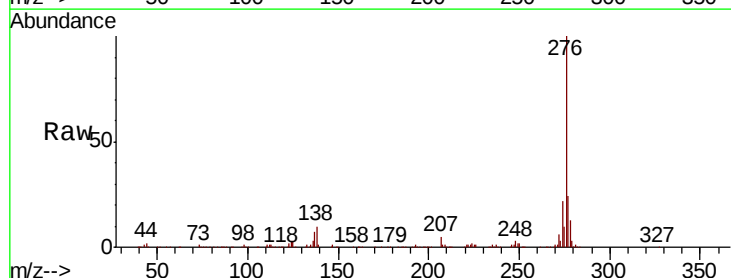
Tgt Ion:276 Resp: 780337

Ion Ratio Lower Upper

276 100

138 5.7 7.7 11.5#

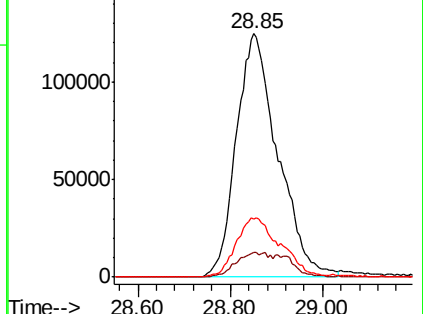
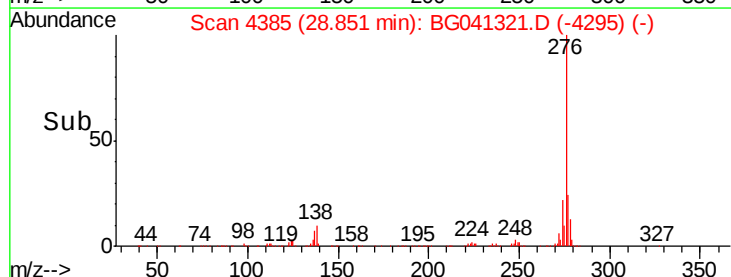
277 25.8 20.6 31.0

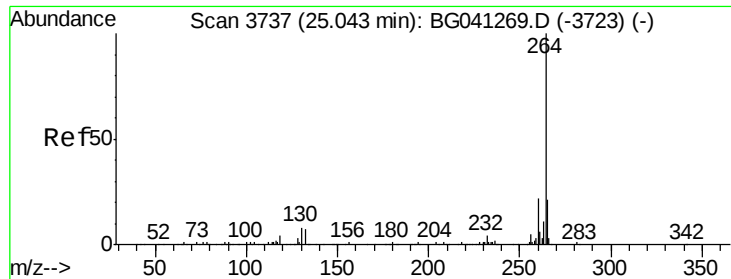


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

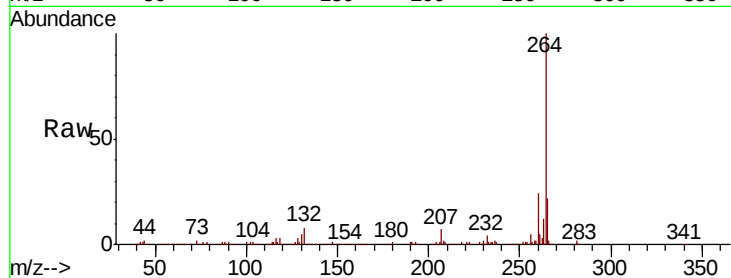
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:264 Resp: 268568

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.9  | 17.4  | 26.2  |
| 265 | 22.4  | 17.2  | 25.8  |

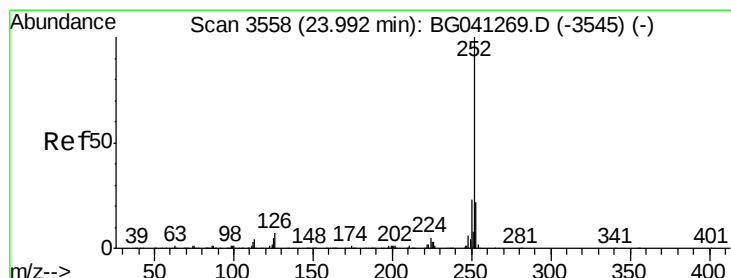
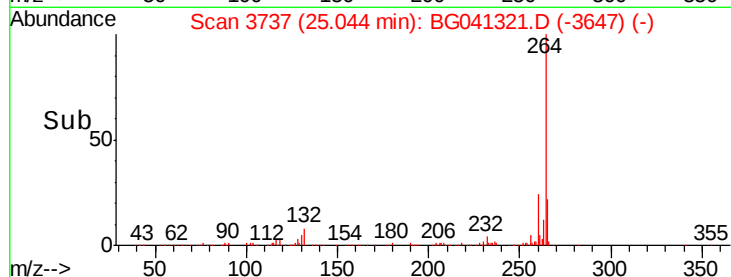
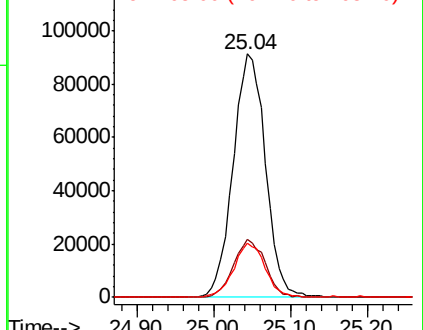


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.344 ng

RT: 23.99 min Scan# 3557

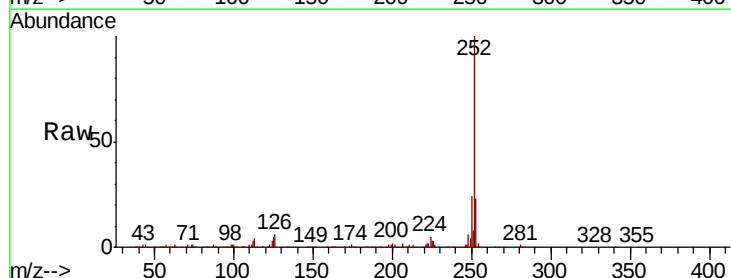
Delta R.T. -0.01 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Tgt Ion:252 Resp: 688135

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.7  | 17.4  | 26.0  |
| 125 | 5.3   | 3.9   | 5.9   |

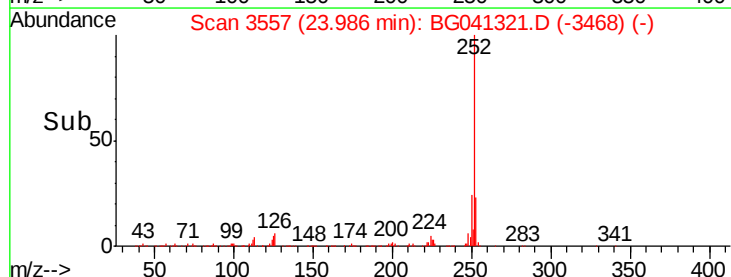
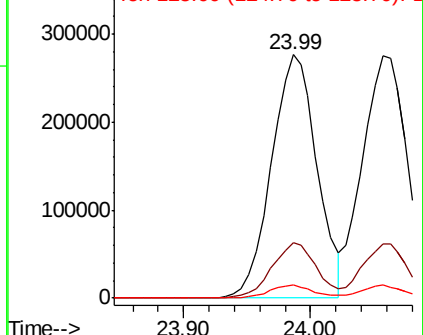


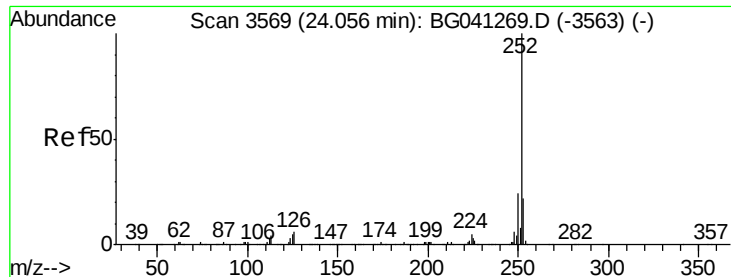
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.409 ng

RT: 24.06 min Scan# 3569

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

Instrument :

BNA\_G

ClientSampleId :

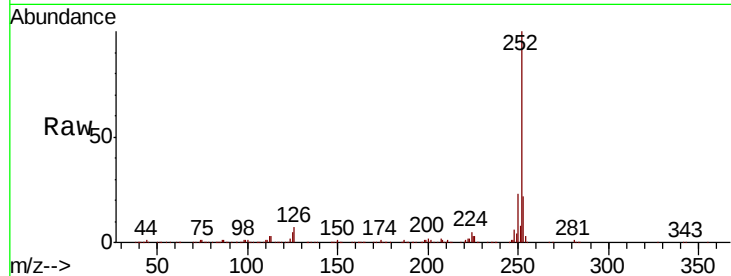
Tot Ion:252 Resp: 682759

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

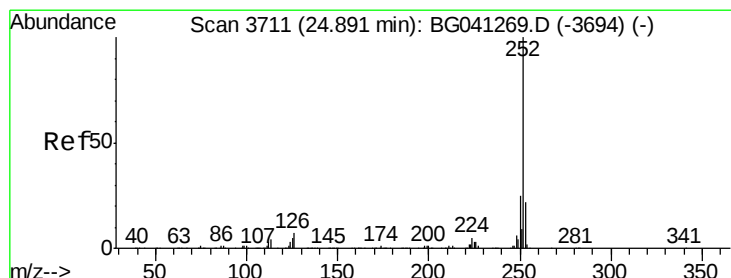
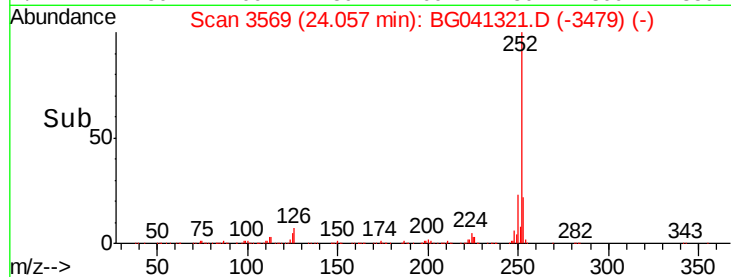
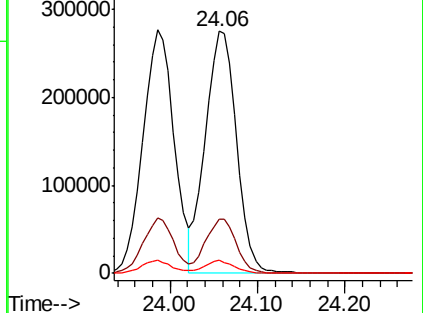
125 5.3 4.3 6.5



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: 41.524 ng

RT: 24.89 min Scan# 3711

Delta R.T. 0.00 min

Lab File: BG041321.D

Acq: 19 Jun 2019 10:37

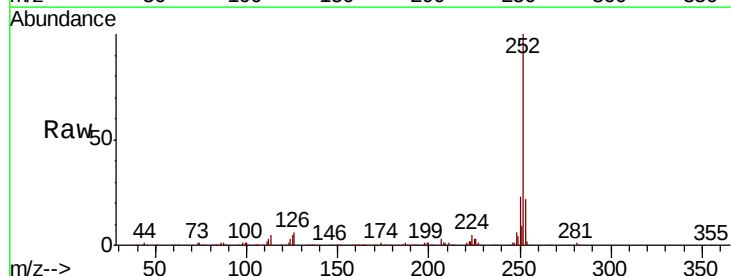
Tgt Ion:252 Resp: 652712

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

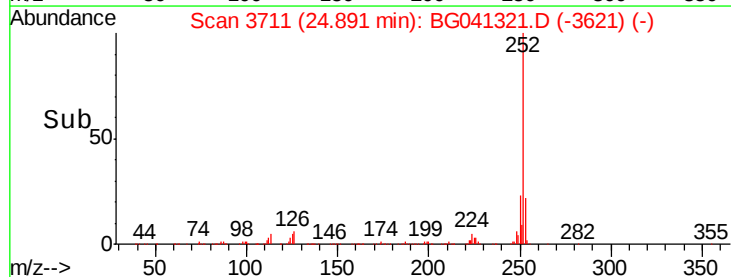
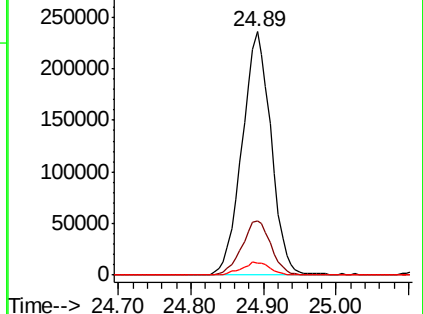
125 4.7 4.2 6.4

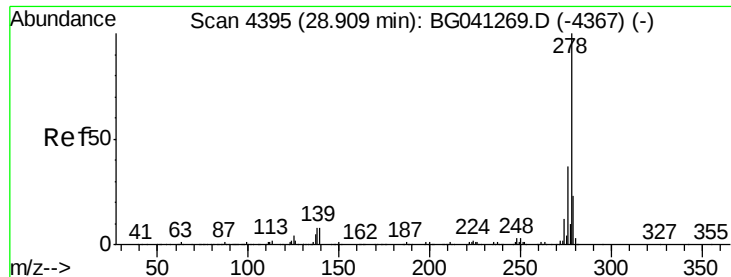


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

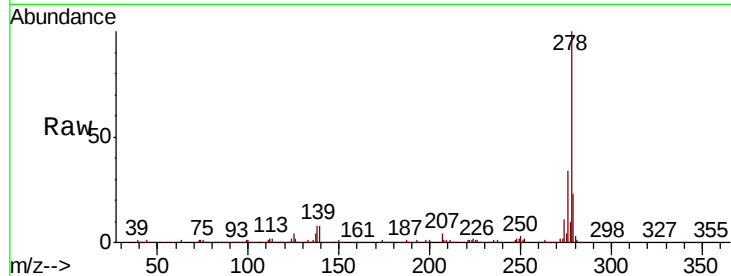




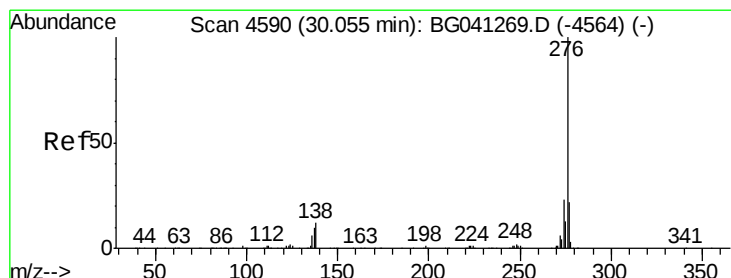
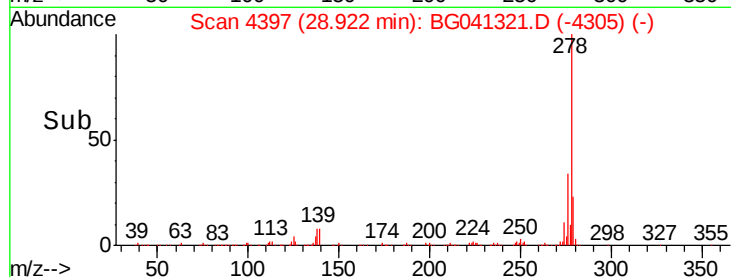
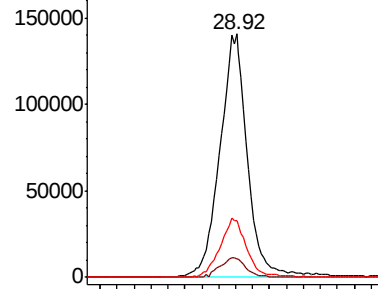
#91  
Dibenzo(a,h)anthracene  
Concen: 40.597 ng  
RT: 28.92 min Scan# 4397  
Delta R.T. 0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 7.6   | 6.6   | 10.0  |
| 279     | 23.2  | 18.5  | 27.7  |

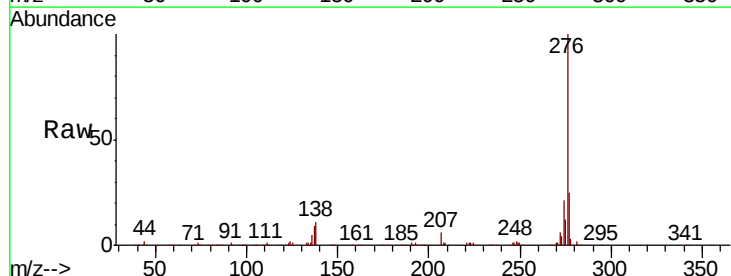


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 37.904 ng  
RT: 30.06 min Scan# 4591  
Delta R.T. 0.01 min  
Lab File: BG041321.D  
Acq: 19 Jun 2019 10:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.9  | 17.9  | 26.9  |
| 138     | 10.9  | 9.4   | 14.0  |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

