

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\  
 Data File : BGCCC14.D  
 Acq On : 13 Nov 2019 15:22  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 14 01:45:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 38141    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.80 | 136  | 147844   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.63 | 164  | 105763   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.38 | 188  | 246346   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.64 | 240  | 257701   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.83 | 264  | 316530   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 170666  | 81.99 | ng | 0.00  |
| 7) Phenol-d6             | 7.20  | 99  | 246047  | 82.16 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.16  | 82  | 233061  | 81.27 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.13 | 330 | 153829  | 76.43 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.25 | 172 | 625981  | 81.78 | ng | -0.01 |
| 79) Terphenyl-d14        | 19.99 | 244 | 1133471 | 82.52 | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.46  | 88  | 30361  | 37.431 | ng | 99     |
| 3) Pyridine                    | 3.87  | 79  | 85398  | 41.738 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 43391  | 42.027 | ng | # 89   |
| 6) Aniline                     | 7.33  | 93  | 138657 | 40.193 | ng | 97     |
| 8) 2-Chlorophenol              | 7.58  | 128 | 92966  | 40.461 | ng | 96     |
| 9) Benzaldehyde                | 7.14  | 77  | 61599  | 41.855 | ng | 97     |
| 10) Phenol                     | 7.23  | 94  | 112853 | 41.240 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 77105  | 36.444 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 112512 | 39.083 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.03  | 146 | 115750 | 39.741 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146 | 111520 | 39.215 | ng | 97     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 86197  | 40.984 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52  | 45  | 112188 | 36.467 | ng | 97     |
| 17) 2-Methylphenol             | 8.47  | 107 | 79996  | 40.100 | ng | 97     |
| 18) Hexachloroethane           | 9.08  | 117 | 41197  | 39.204 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.80  | 70  | 72304  | 37.364 | ng | 93     |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 109666 | 40.089 | ng | 94     |
| 22) Acetophenone               | 8.82  | 105 | 151777 | 40.088 | ng | # 93   |
| 24) Nitrobenzene               | 9.20  | 77  | 109979 | 40.258 | ng | # 98   |
| 25) Isophorone                 | 9.73  | 82  | 199330 | 38.018 | ng | 99     |
| 26) 2-Nitrophenol              | 9.91  | 139 | 55856  | 42.351 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 79738  | 42.182 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 113213 | 39.124 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 101188 | 41.779 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 123685 | 40.518 | ng | 98     |
| 31) Naphthalene                | 10.85 | 128 | 301035 | 40.114 | ng | 99     |
| 32) Benzoic acid               | 10.19 | 122 | 51808  | 38.176 | ng | 96     |
| 33) 4-Chloroaniline            | 10.97 | 127 | 126538 | 41.135 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 90296  | 40.015 | ng | 92     |
| 35) Caprolactam                | 11.75 | 113 | 32482  | 38.940 | ng | 88     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 110052 | 41.656 | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 225487 | 39.160 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.68 | 142 | 217638 | 39.725 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 159791 | 40.824 | ng | 98     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

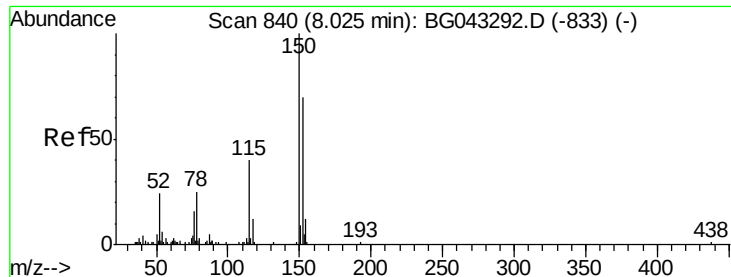
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 14 01:45:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 84625    | 41.158 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 93212    | 40.438 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.16 | 196  | 94528    | 40.563 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.46 | 154  | 327217   | 40.669 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.51 | 162  | 250922   | 40.988 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.72 | 65   | 76645    | 41.889 | ng    | 95       |
| 49) Acenaphthylene             | 14.35 | 152  | 385464   | 40.457 | ng    | 99       |
| 50) Dimethylphthalate          | 14.09 | 163  | 323150   | 39.447 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.21 | 165  | 71569    | 40.214 | ng    | 93       |
| 52) Acenaphthene               | 14.69 | 154  | 234519   | 40.362 | ng    | 95       |
| 53) 3-Nitroaniline             | 14.55 | 138  | 71644    | 41.695 | ng    | # 94     |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 33667    | 34.819 | ng    | 92       |
| 55) Dibenzofuran               | 15.03 | 168  | 379729   | 40.300 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 40709    | 35.354 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.00 | 165  | 102609   | 40.343 | ng    | 97       |
| 58) Fluorene                   | 15.68 | 166  | 318304   | 40.277 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.18 | 232  | 87409    | 35.304 | ng    | 96       |
| 60) Diethylphthalate           | 15.44 | 149  | 319448   | 38.809 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 182037   | 39.485 | ng    | 96       |
| 62) 4-Nitroaniline             | 15.71 | 138  | 74698    | 42.094 | ng    | 95       |
| 63) Azobenzene                 | 15.96 | 77   | 260143   | 39.050 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 50688    | 34.963 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 277334   | 39.876 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 132147   | 39.860 | ng    | 95       |
| 68) Hexachlorobenzene          | 16.68 | 284  | 149181   | 39.201 | ng    | 97       |
| 69) Atrazine                   | 16.83 | 200  | 73187    | 30.284 | ng    | 98       |
| 70) Pentachlorophenol          | 17.04 | 266  | 46938    | 27.069 | ng    | 95       |
| 71) Phenanthrene               | 17.42 | 178  | 500017   | 39.637 | ng    | 100      |
| 72) Anthracene                 | 17.51 | 178  | 498357   | 39.485 | ng    | 99       |
| 73) Carbazole                  | 17.79 | 167  | 447730   | 39.173 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.33 | 149  | 547882   | 39.507 | ng    | 99       |
| 75) Fluoranthene               | 19.43 | 202  | 633969   | 38.549 | ng    | 99       |
| 77) Benzidine                  | 19.62 | 184  | 213981   | 41.259 | ng    | 97       |
| 78) Pyrene                     | 19.79 | 202  | 648906   | 40.680 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.67 | 149  | 252115   | 41.718 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.62 | 228  | 672213   | 41.643 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 272821   | 43.697 | ng    | 100      |
| 83) Chrysene                   | 21.69 | 228  | 659009   | 41.089 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 365855   | 42.617 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.72 | 149  | 629204   | 43.201 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.46 | 276  | 861289   | 42.781 | ng    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.82 | 252  | 720358   | 40.182 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.89 | 252  | 729809   | 40.438 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.68 | 252  | 694317   | 40.558 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.51 | 278  | 714060   | 40.779 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 29.59 | 276  | 692607   | 40.099 | ng    | 97       |

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



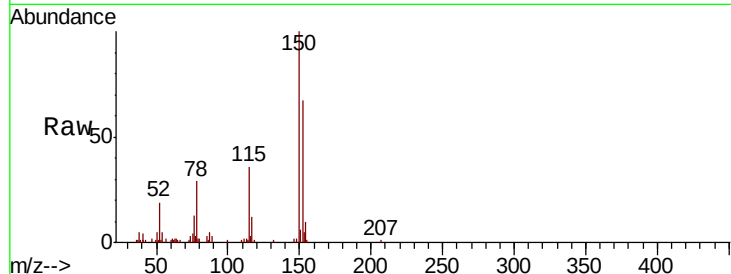


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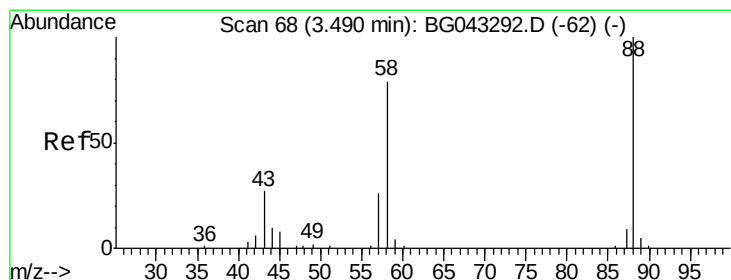
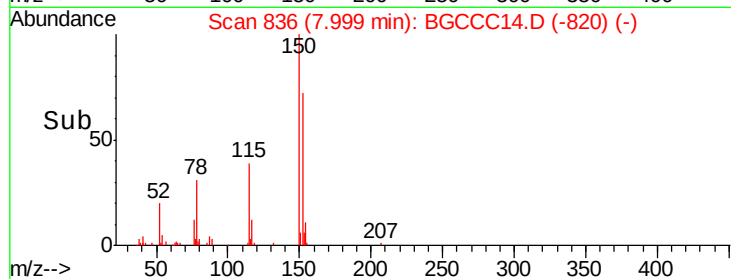
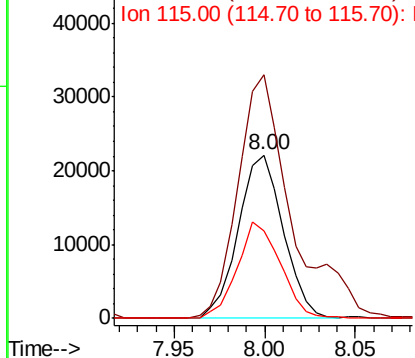
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 38141  
Ion Ratio Lower Upper  
152 100  
150 149.1 129.4 194.0  
115 53.6 48.8 73.2



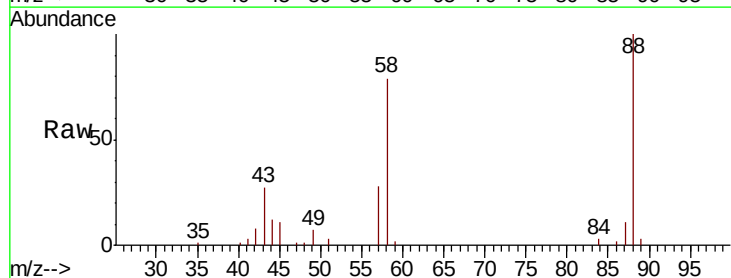
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



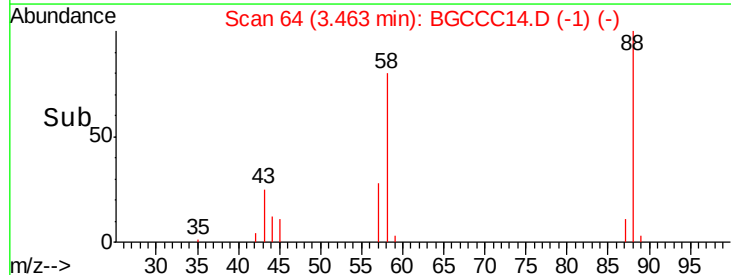
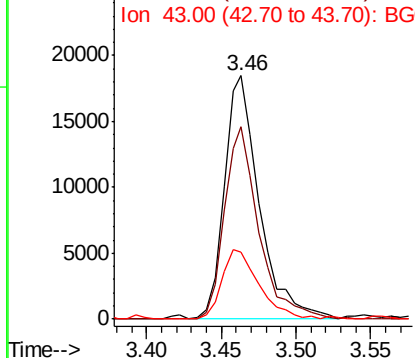
#2

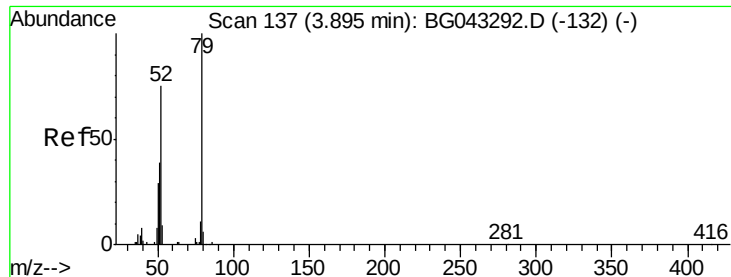
1,4-Dioxane  
Concen: 37.431 ng  
RT: 3.46 min Scan# 64  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

Tgt Ion: 88 Resp: 30361  
Ion Ratio Lower Upper  
88 100  
58 77.4 62.7 94.1  
43 30.2 23.7 35.5



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: 41.738 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

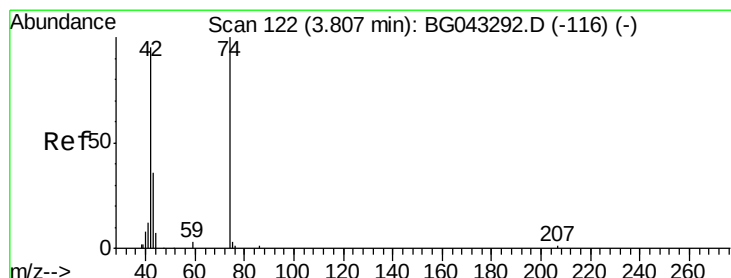
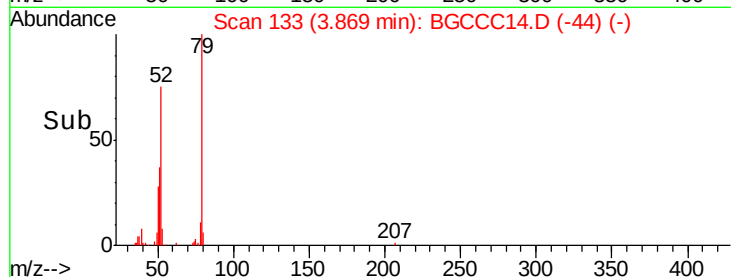
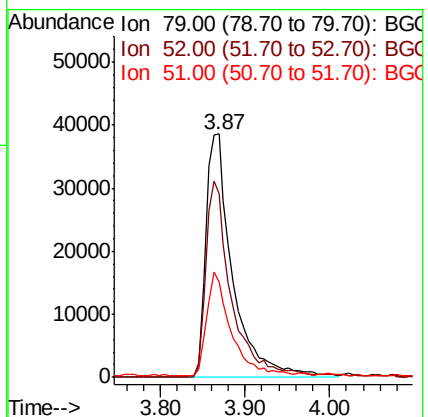
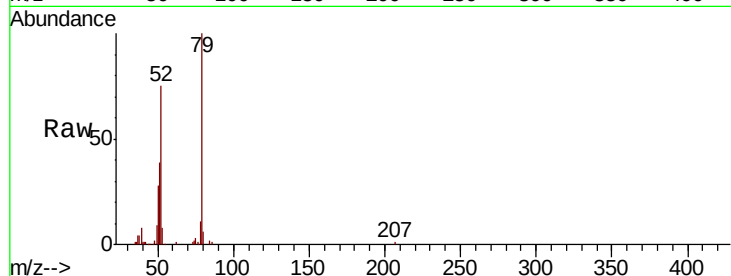
Tot Ion: 79 Resp: 85398

Ion Ratio Lower Upper

79 100

52 75.2 56.5 84.7

51 39.0 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 42.027 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

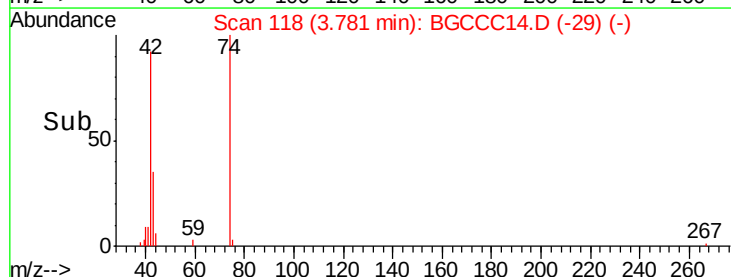
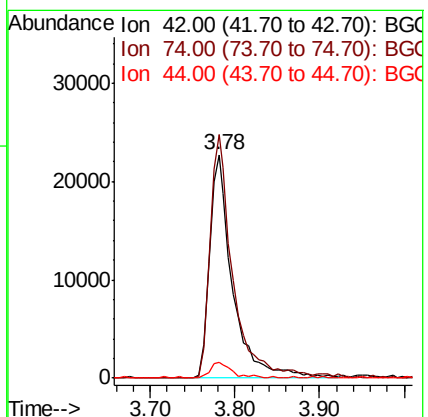
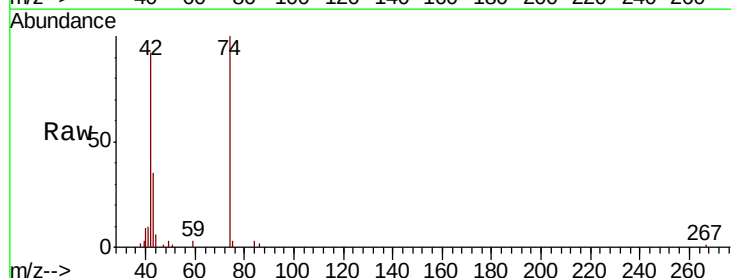
Tgt Ion: 42 Resp: 43391

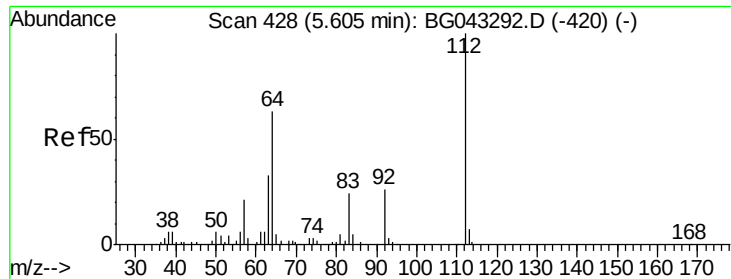
Ion Ratio Lower Upper

42 100

74 109.0 97.3 145.9

44 6.9 4.4 6.6#





#5

2-Fluorophenol

Concen: 81.995 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampled :

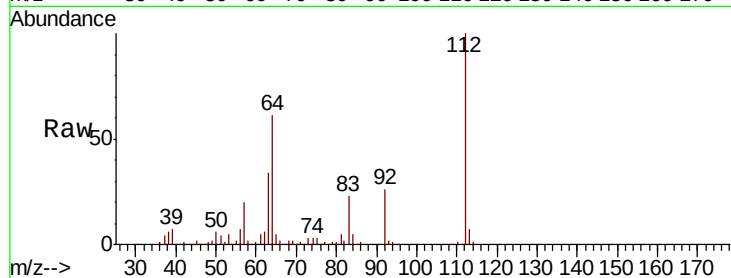
Tot Ion:112 Resp: 170666

Ion Ratio Lower Upper

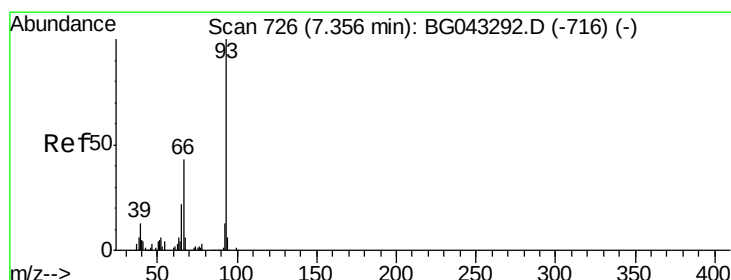
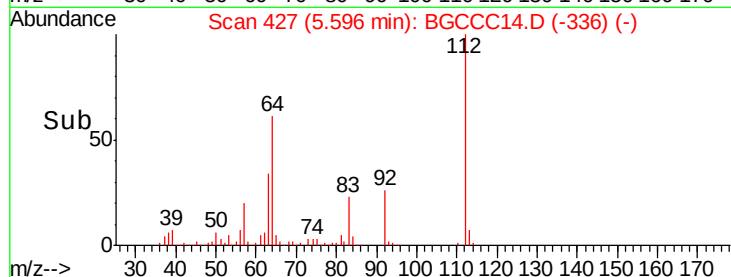
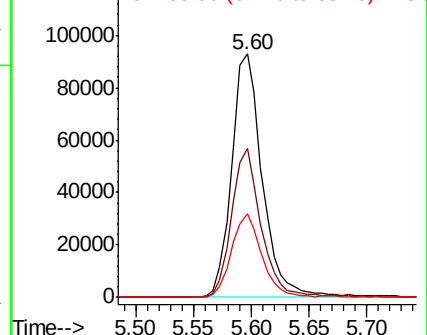
112 100

64 60.9 50.0 75.0

63 34.4 26.6 40.0



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: 40.193 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

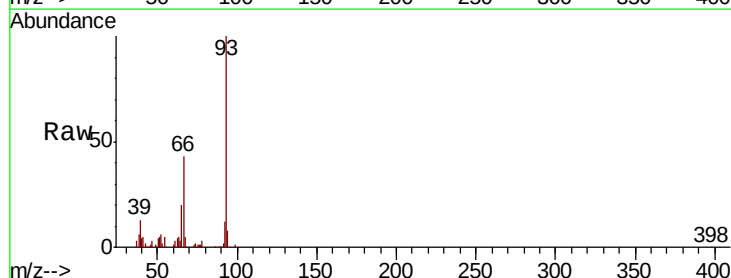
Tgt Ion: 93 Resp: 138657

Ion Ratio Lower Upper

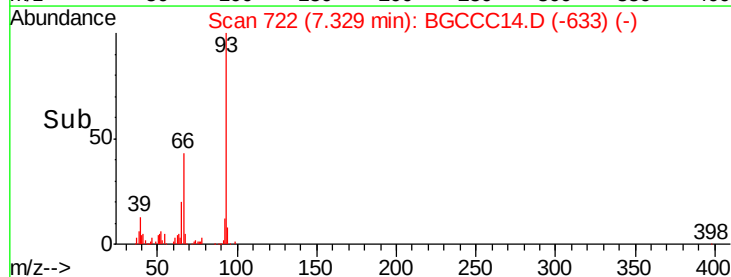
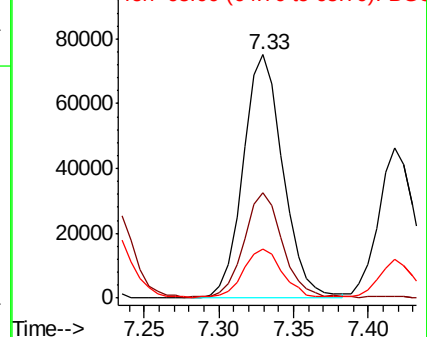
93 100

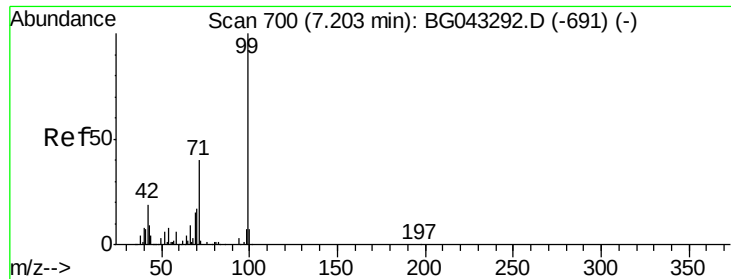
66 43.2 32.3 48.5

65 20.0 16.1 24.1



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: 82.161 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

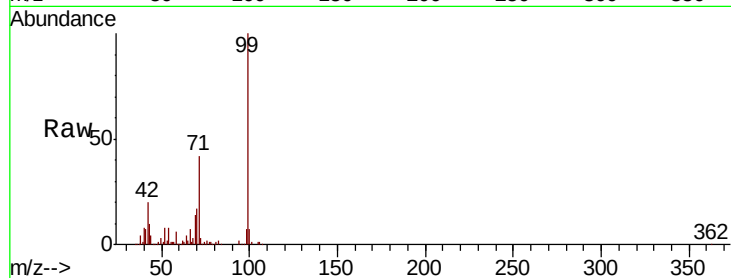
Tot Ion: 99 Resp: 246047

Ion Ratio Lower Upper

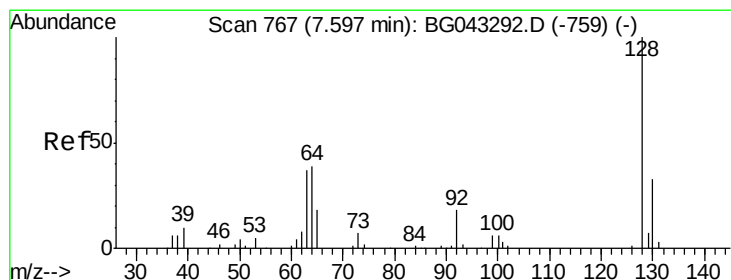
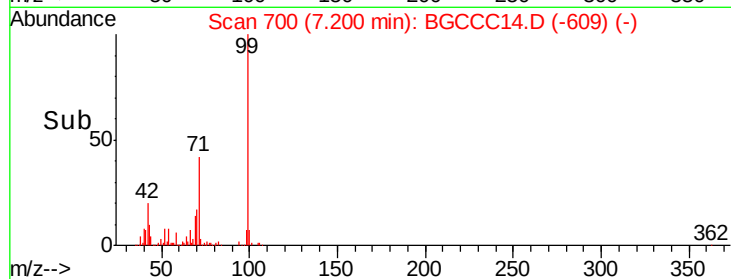
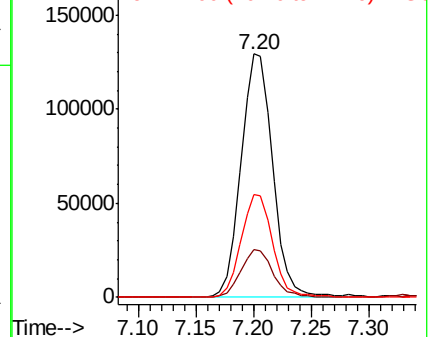
99 100

42 19.6 14.6 21.8

71 42.5 32.5 48.7



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: 40.461 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

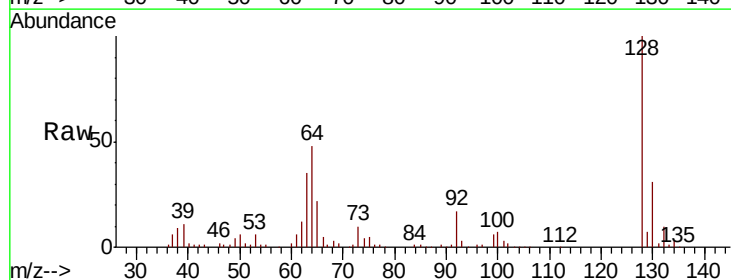
Tgt Ion: 128 Resp: 92966

Ion Ratio Lower Upper

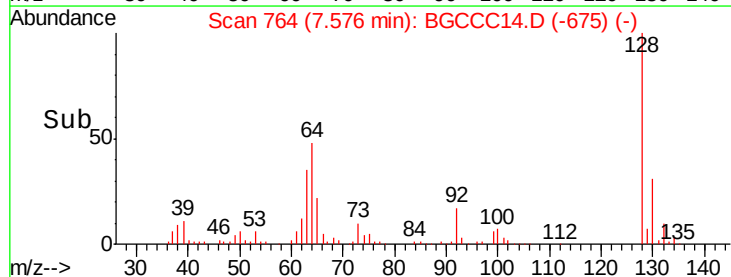
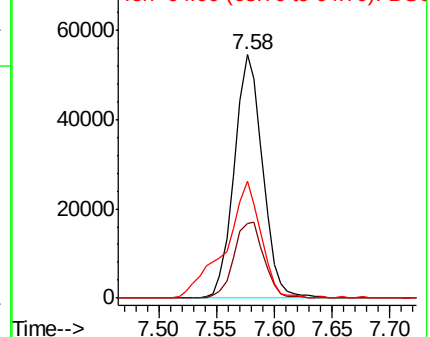
128 100

130 30.8 12.5 52.5

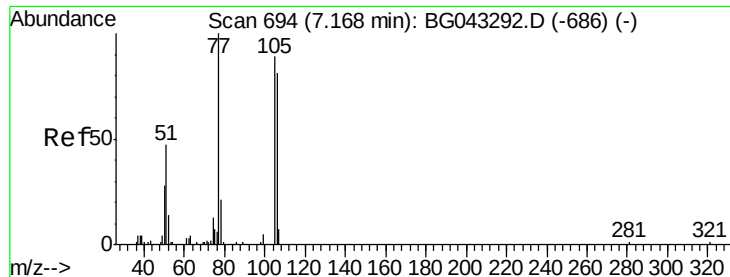
64 48.2 25.3 65.3



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







#9

Benzaldehyde

Concen: 41.855 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

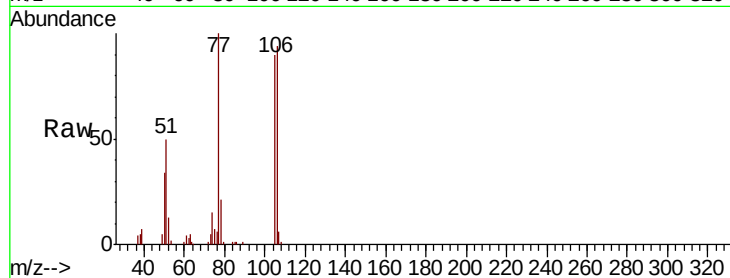
Tot Ion: 77 Resp: 61599

Ion Ratio Lower Upper

77 100

105 90.4 68.6 108.6

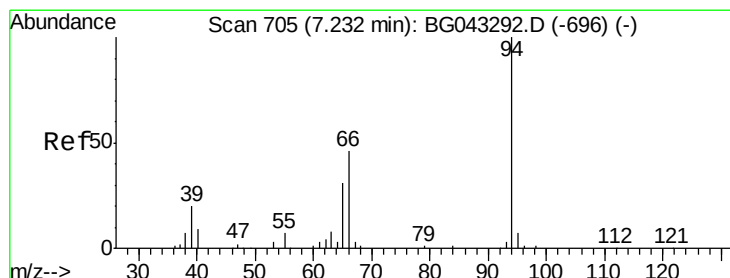
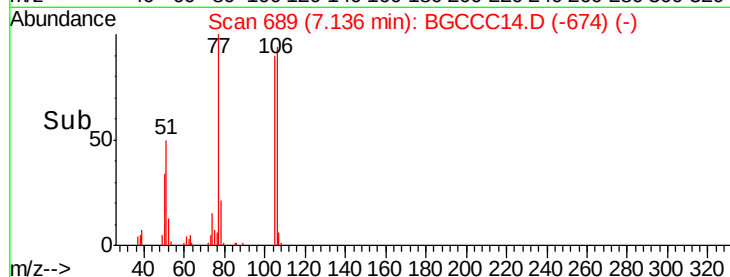
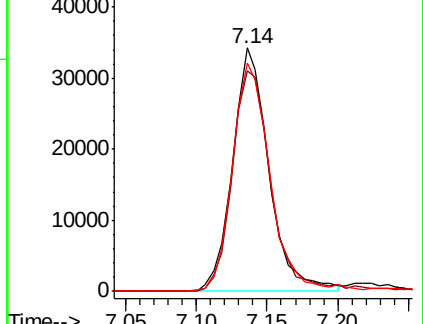
106 93.9 69.9 109.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.240 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

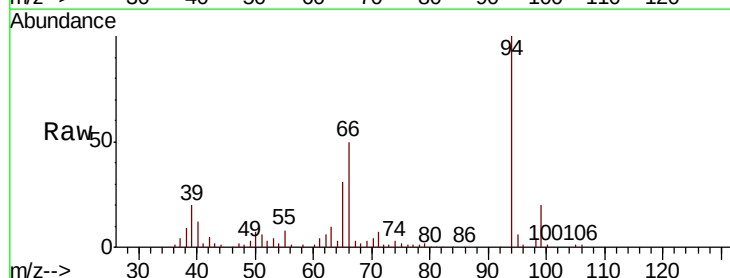
Tgt Ion: 94 Resp: 112853

Ion Ratio Lower Upper

94 100

65 31.1 12.6 52.6

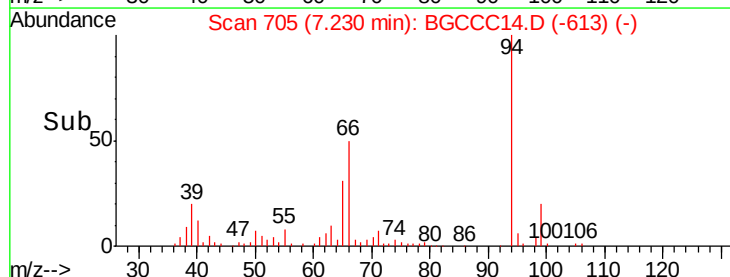
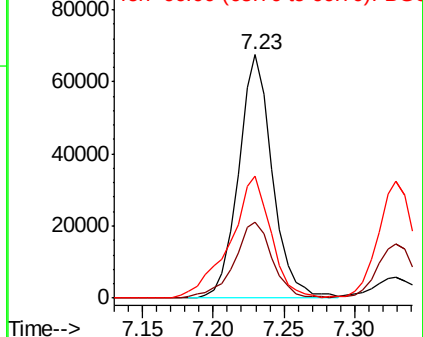
66 50.0 30.7 70.7



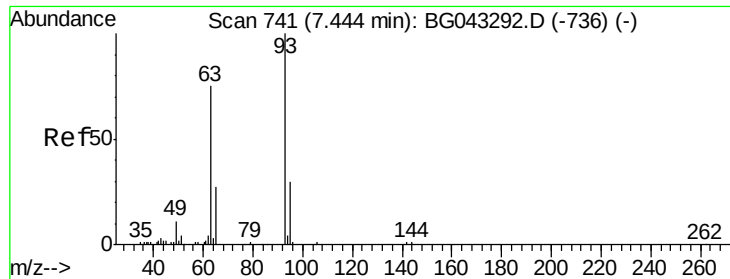
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



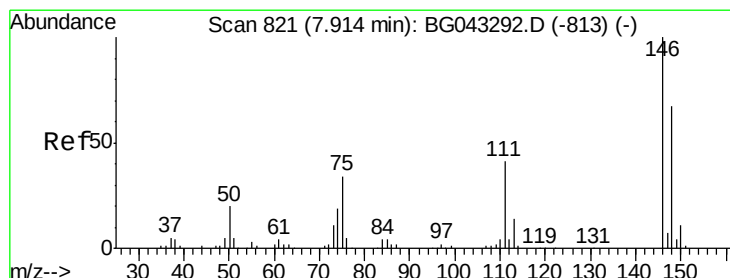
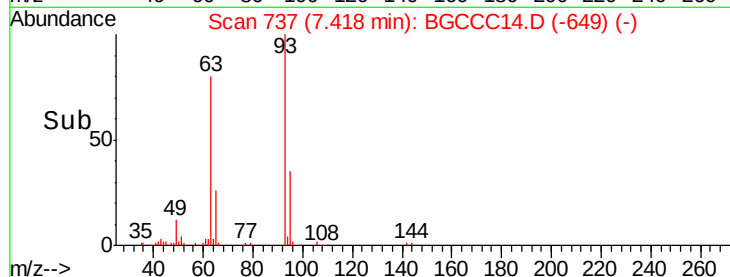
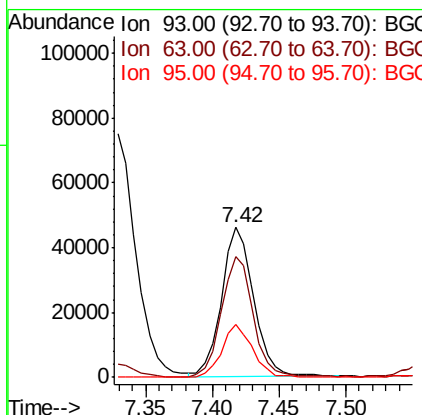
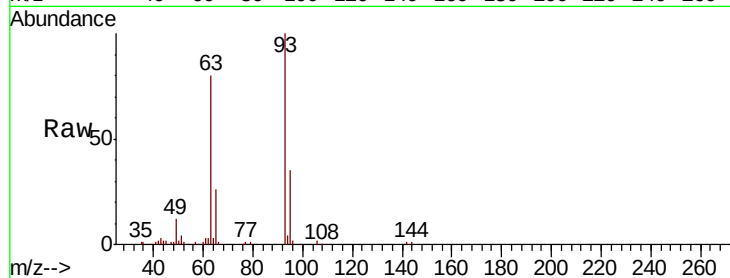




#11  
bis(2-Chloroethyl)ether  
Concen: 36.444 ng  
RT: 7.42 min Scan# 737  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

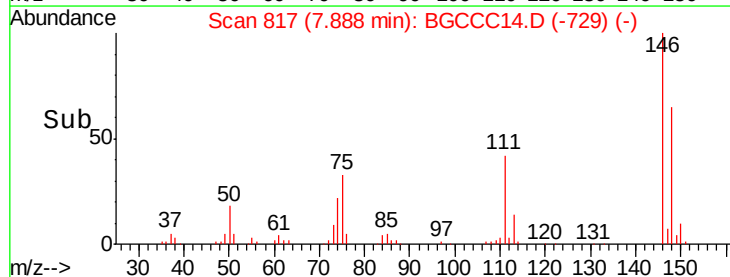
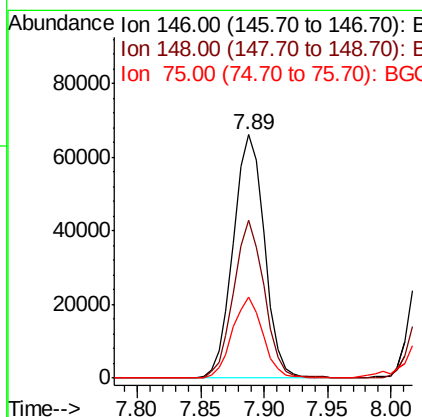
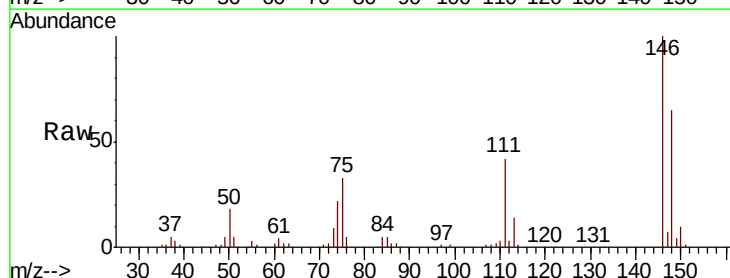
Instrument :  
BNA\_G  
ClientSampled :

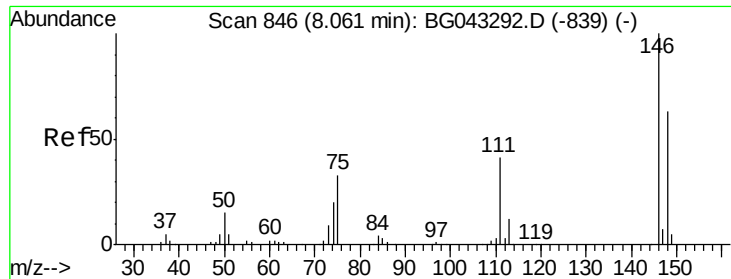
| Tot Ion   | 93   | Resp  | 77105 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 63        | 80.3 | 56.3  | 96.3  |
| 95        | 35.0 | 12.2  | 52.2  |



#12  
1,3-Dichlorobenzene  
Concen: 39.083 ng  
RT: 7.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

| Tgt Ion   | 146  | Resp  | 112512 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 148       | 65.0 | 50.3  | 75.5   |
| 75        | 33.4 | 24.6  | 37.0   |

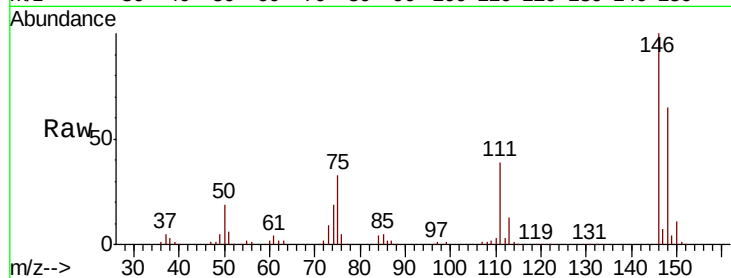




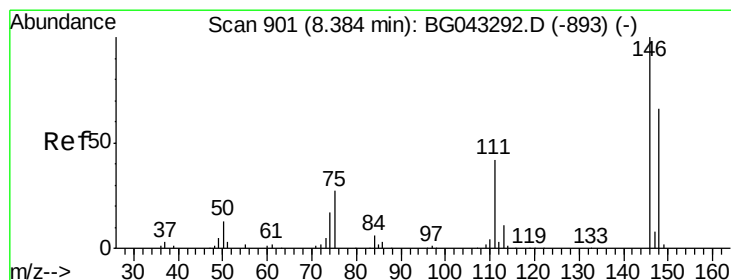
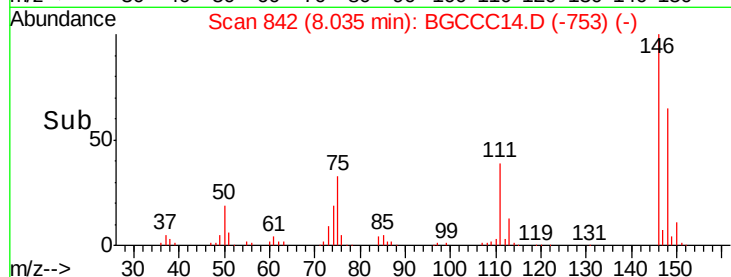
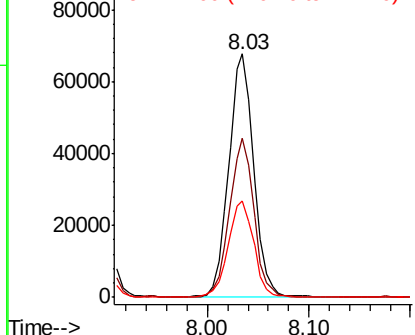
#13  
 1,4-Dichlorobenzene  
 Concen: 39.741 ng  
 RT: 8.03 min Scan# 842  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:146 Resp: 115750  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 50.7 76.1  
 111 39.5 33.4 50.2

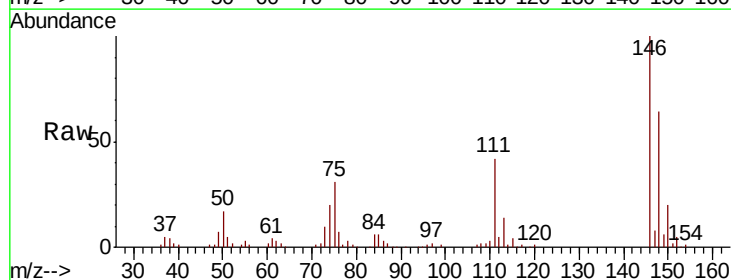


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

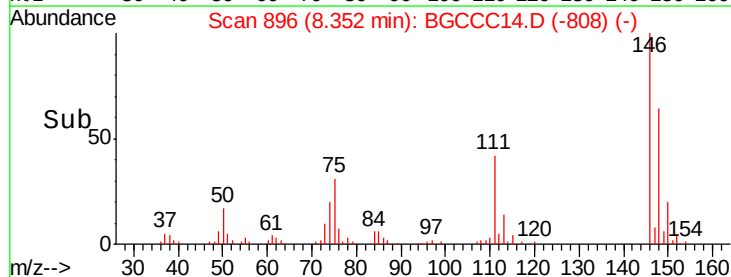
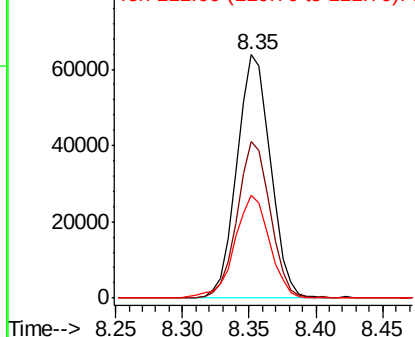


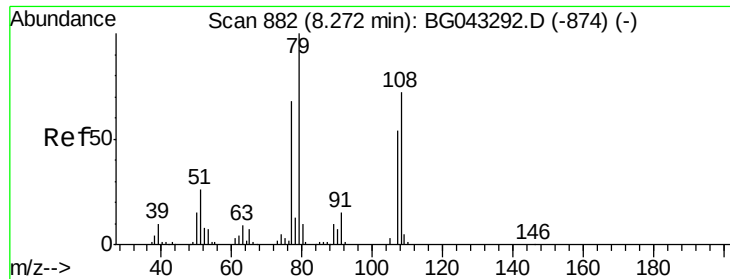
#14  
 1,2-Dichlorobenzene  
 Concen: 39.215 ng  
 RT: 8.35 min Scan# 896  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

Tgt Ion:146 Resp: 111520  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 53.2 79.8  
 111 42.4 35.8 53.6



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: 40.984 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BGCCC14.D

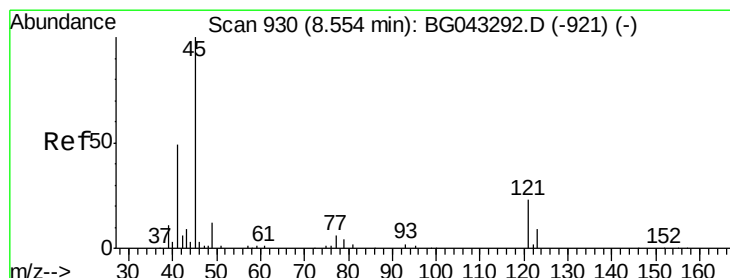
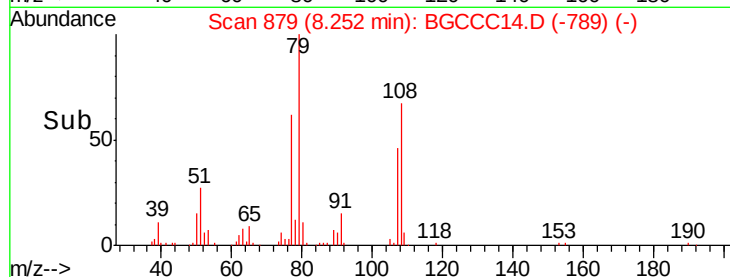
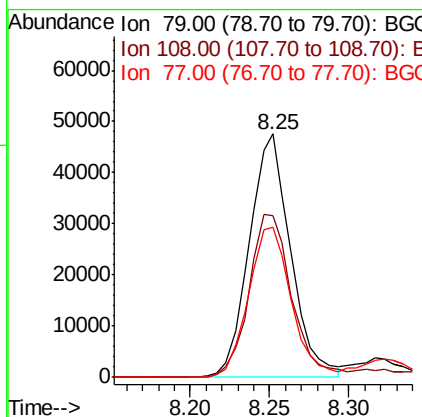
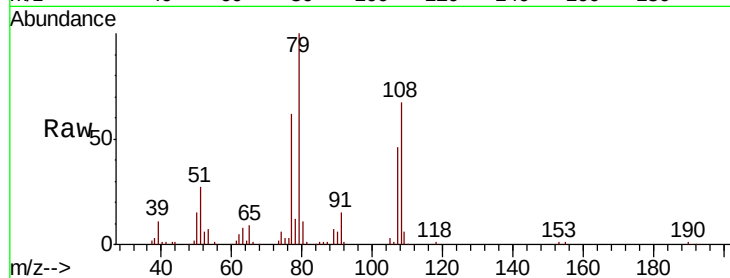
Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 86197 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 66.6  | 53.6  | 80.4  |
| 77       | 61.9  | 49.6  | 74.4  |



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.467 ng

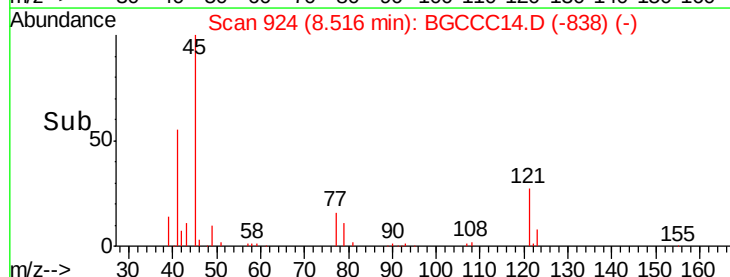
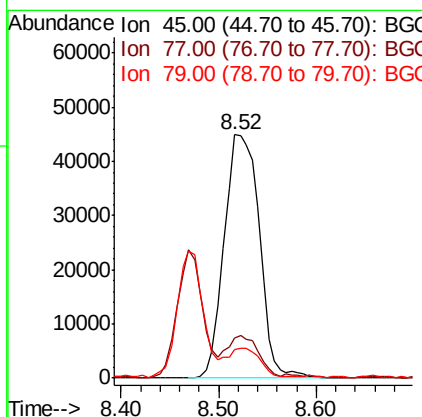
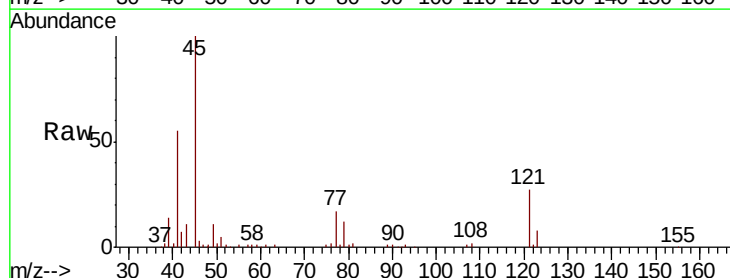
RT: 8.52 min Scan# 924

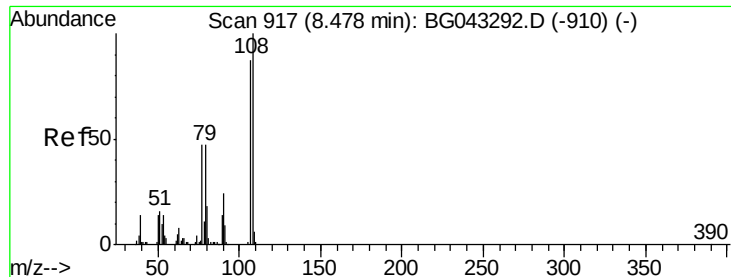
Delta R.T. -0.03 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 112188 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 16.6  | 0.0   | 34.9   |
| 79       | 12.0  | 0.0   | 33.0   |





#17

2-Methylphenol

Concen: 40.100 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 79996

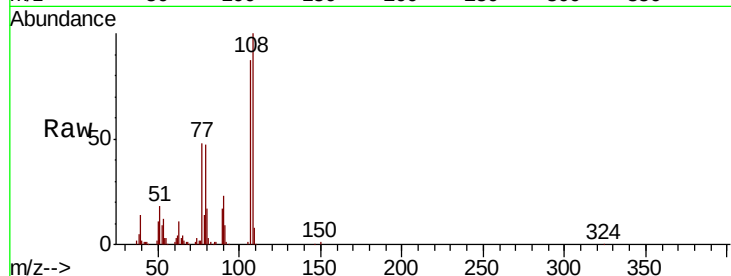
Ion Ratio Lower Upper

107 100

108 115.4 90.2 135.4

77 55.0 40.2 60.2

79 54.3 44.0 66.0

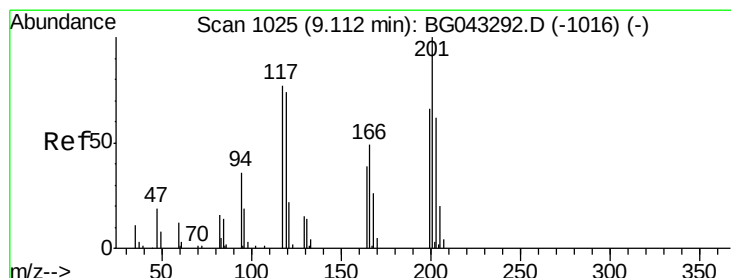
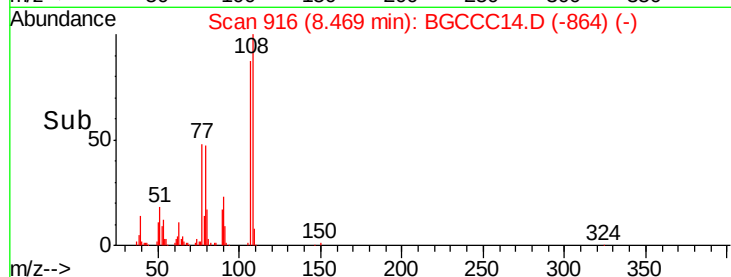
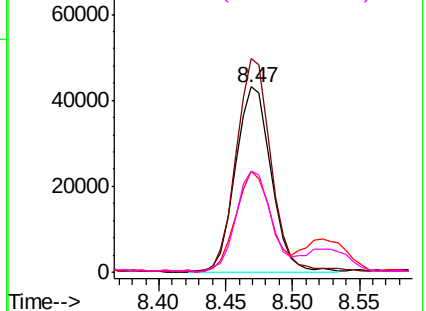


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.204 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

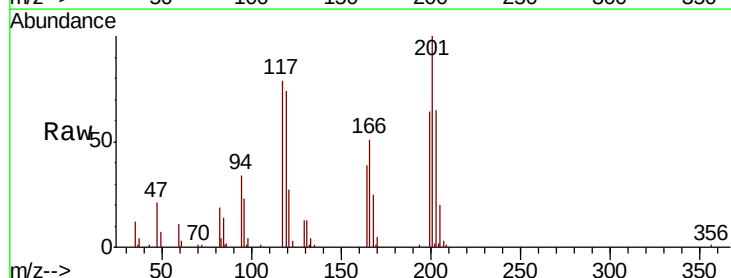
Tgt Ion:117 Resp: 41197

Ion Ratio Lower Upper

117 100

119 94.1 79.0 118.4

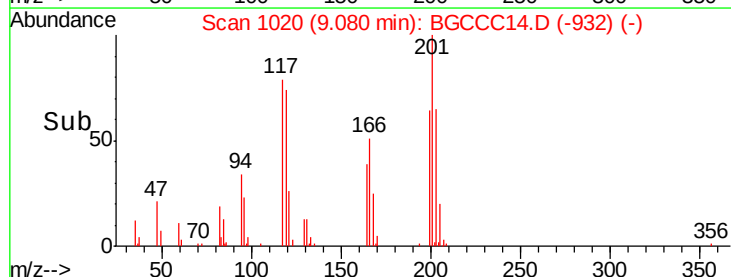
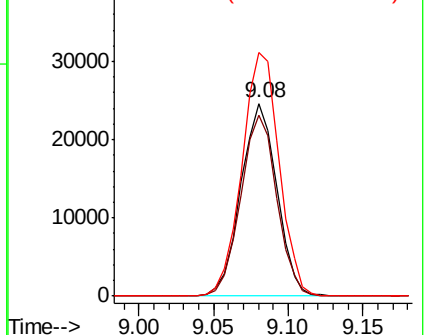
201 126.5 105.4 158.2

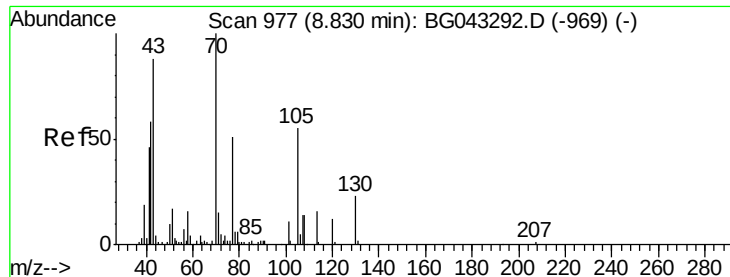


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

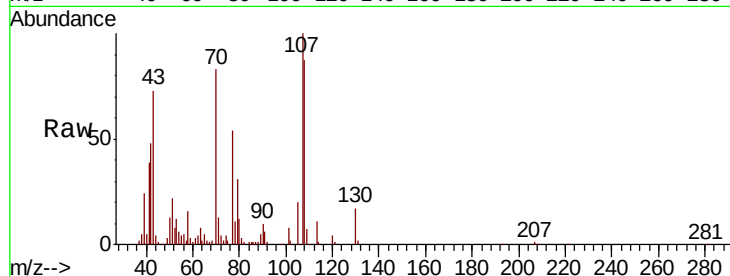




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.364 ng  
RT: 8.80 min Scan# 972  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 72304 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 57.4  | 41.4  | 62.2  |
| 101      | 9.4   | 7.9   | 11.9  |
| 130      | 20.7  | 19.0  | 28.4  |



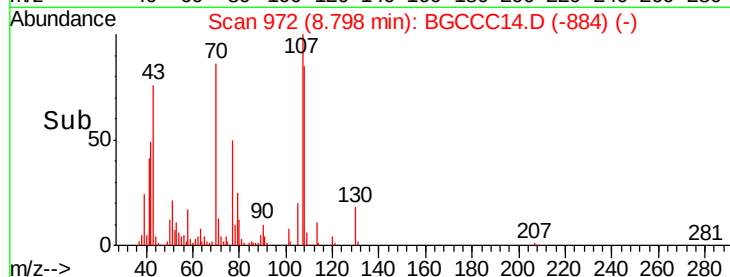
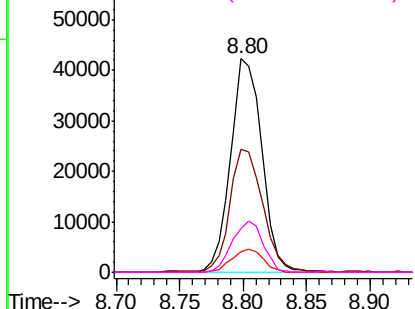
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

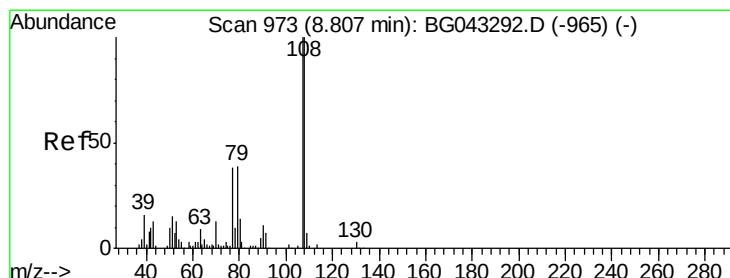
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 40.089 ng  
RT: 8.80 min Scan# 972  
Delta R.T. -0.00 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 109666 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.3  | 66.6  | 106.6  |
| 77       | 53.8  | 20.9  | 60.9   |
| 79       | 31.2  | 11.3  | 51.3   |



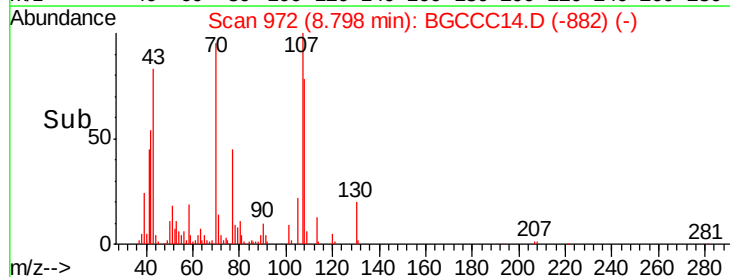
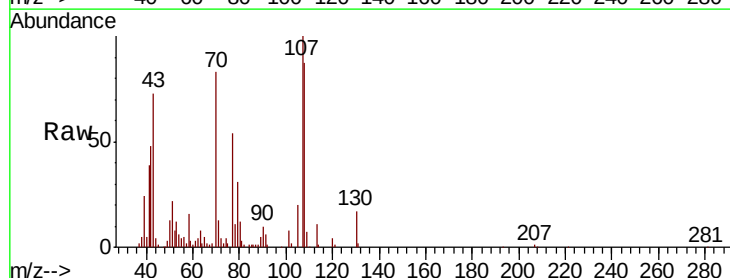
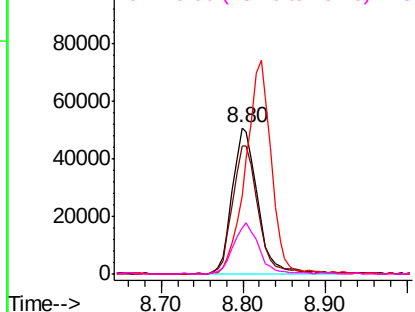
Abundance

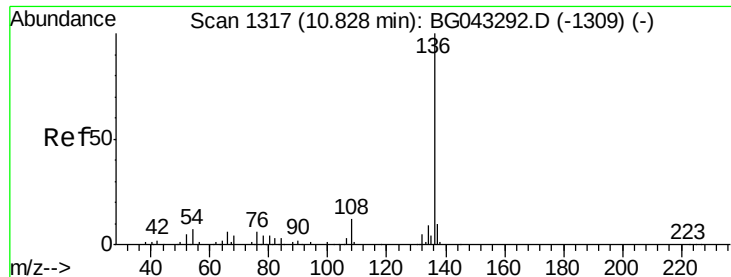
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

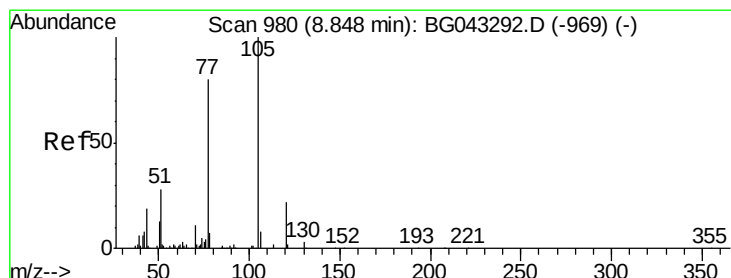
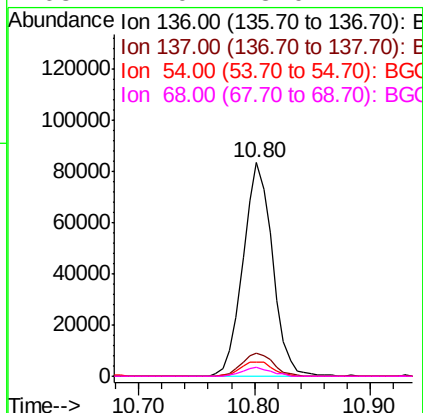
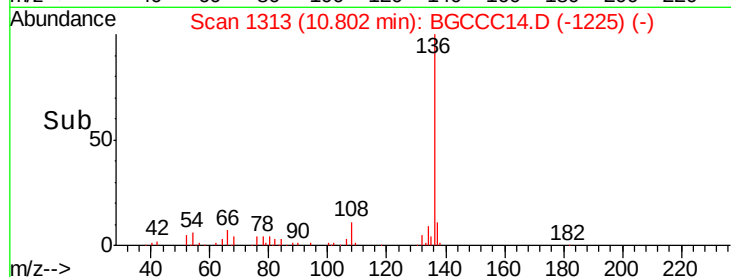
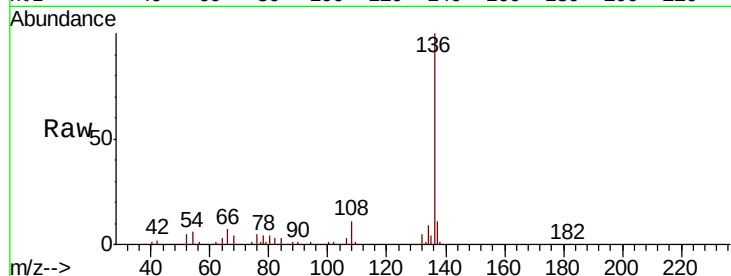




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.80 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

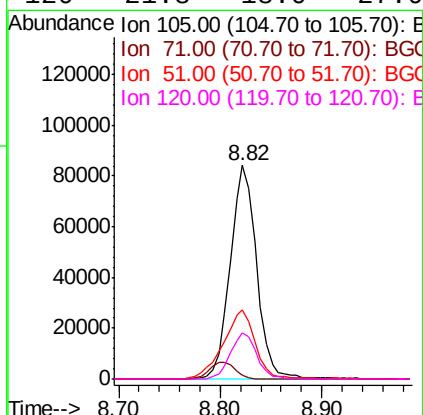
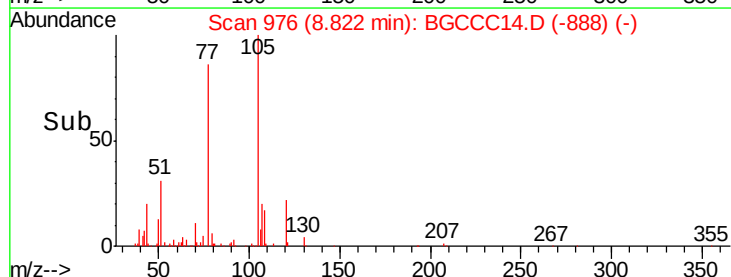
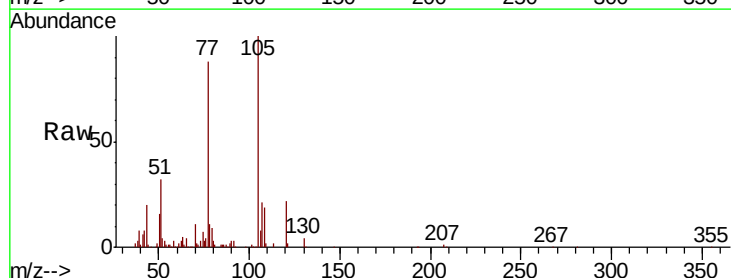
Instrument :  
BNA\_G  
ClientSampleId :

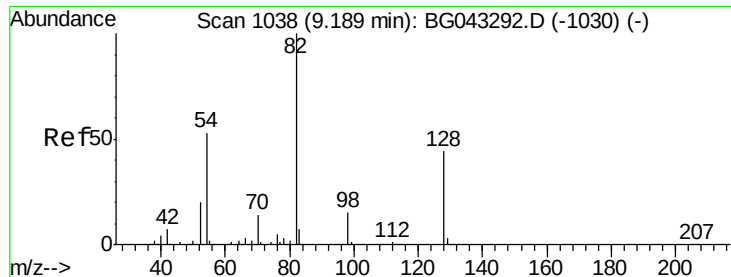
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 147844   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.7  | 8.7 13.1 |
| 54          | 6.4   | 5.4 8.2  |
| 68          | 4.0   | 3.0 4.4  |



#22  
Acetophenone  
Concen: 40.088 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 151777     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 1.8   | 0.8 1.2#   |
| 51          | 32.2  | 21.0 31.4# |
| 120         | 21.8  | 18.0 27.0  |

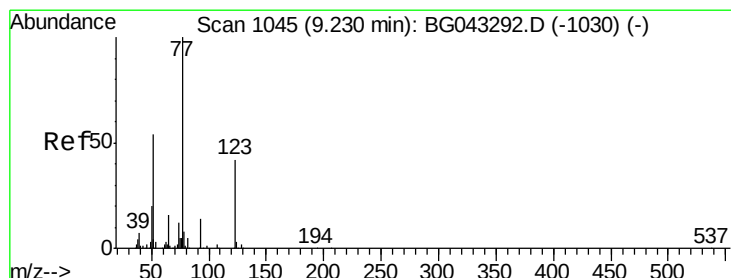
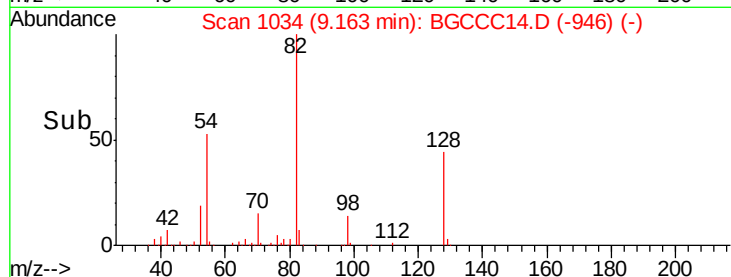
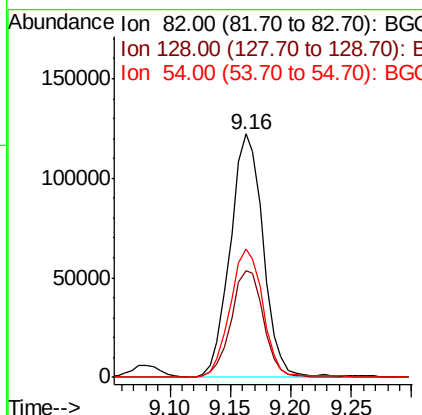
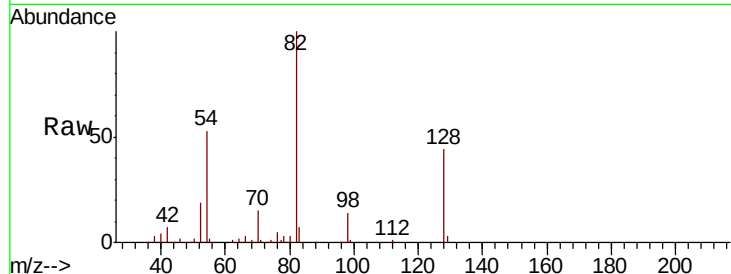




#23  
 Nitrobenzene-d5  
 Concen: 81.270 ng  
 RT: 9.16 min Scan# 1034  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

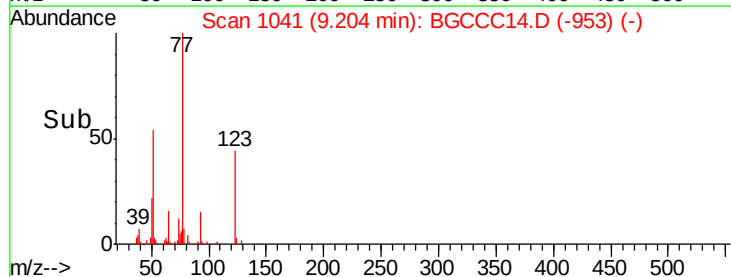
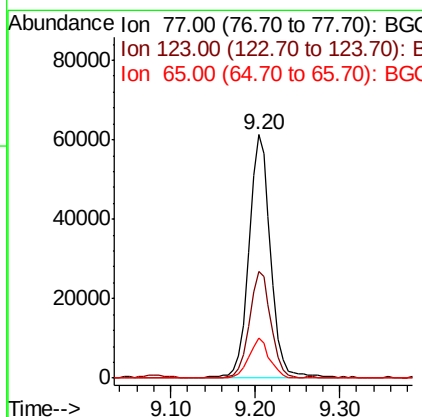
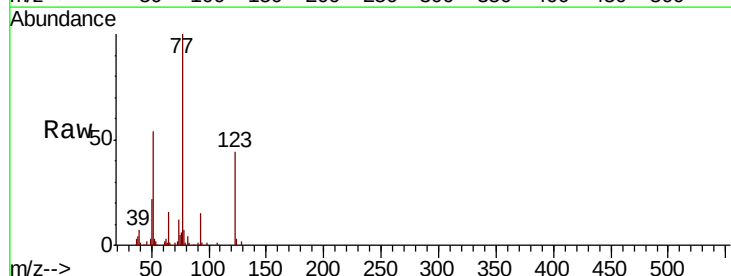
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82   | Resp  | 233061 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 43.6 | 35.0  | 52.6   |
| 54        | 52.6 | 40.2  | 60.2   |

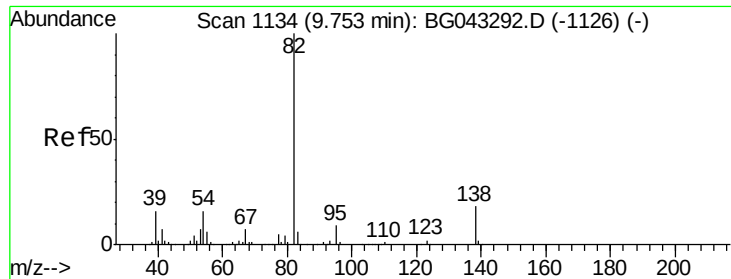


#24  
 Nitrobenzene  
 Concen: 40.258 ng  
 RT: 9.20 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

| Tgt Ion   | 77   | Resp  | 109979 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 43.9 | 35.0  | 52.6   |
| 65        | 16.2 | 9.5   | 14.3#  |







#25

Isophorone

Concen: 38.018 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampled :

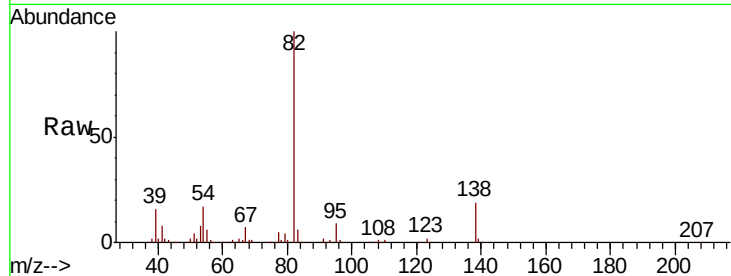
Tot Ion: 82 Resp: 199330

Ion Ratio Lower Upper

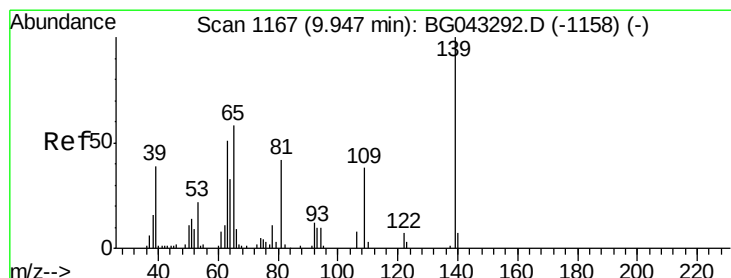
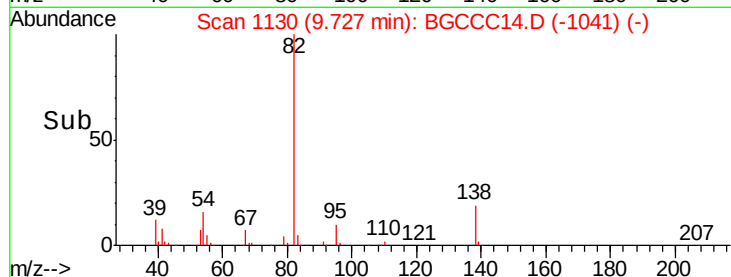
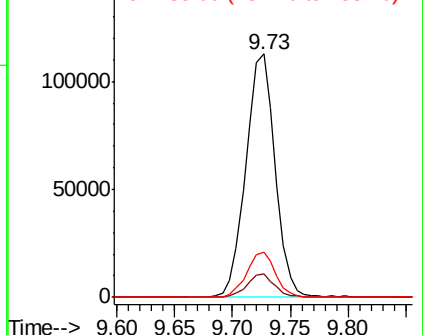
82 100

95 9.4 6.6 9.8

138 18.8 15.2 22.8



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: 42.351 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

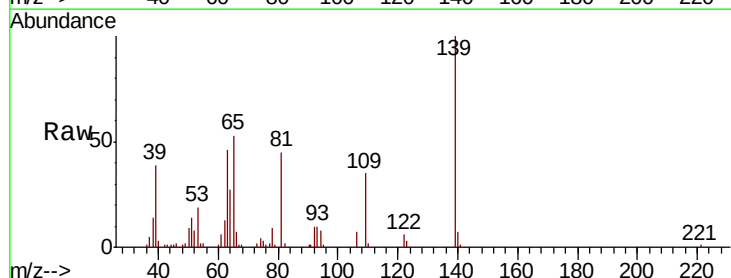
Tgt Ion: 139 Resp: 55856

Ion Ratio Lower Upper

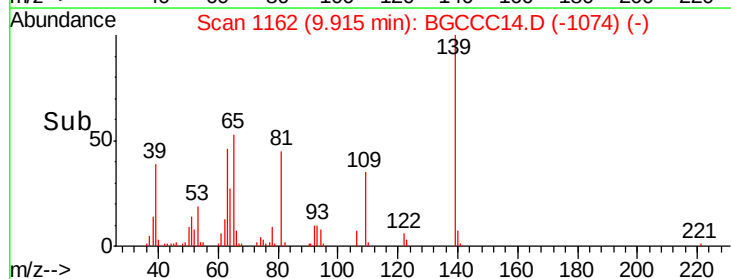
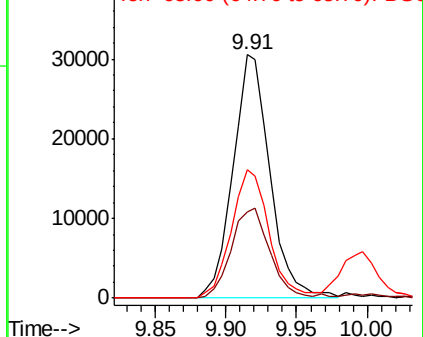
139 100

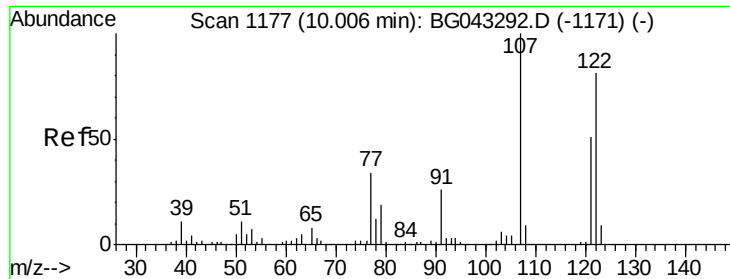
109 35.1 26.5 39.7

65 52.9 43.8 65.8



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

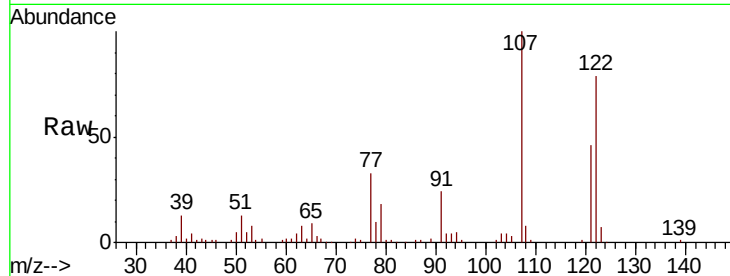




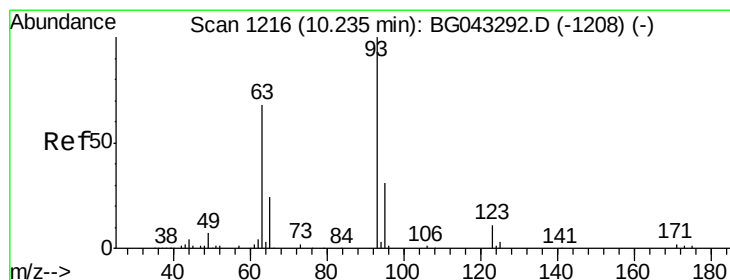
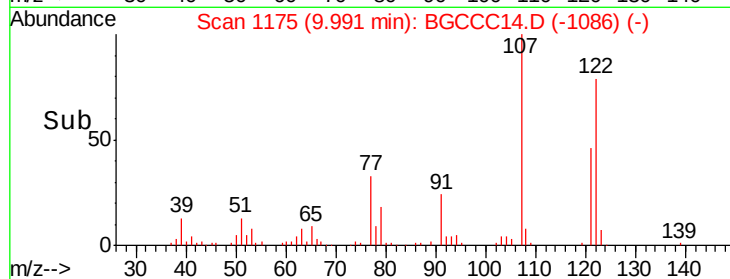
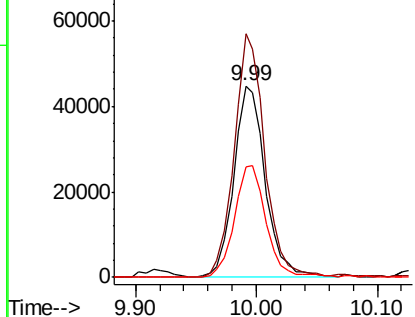
#27  
 2,4-Dimethylphenol  
 Concen: 42.182 ng  
 RT: 9.99 min Scan# 1175  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:122 Resp: 79738  
 Ion Ratio Lower Upper  
 122 100  
 107 127.3 104.4 156.6  
 121 58.0 47.2 70.8

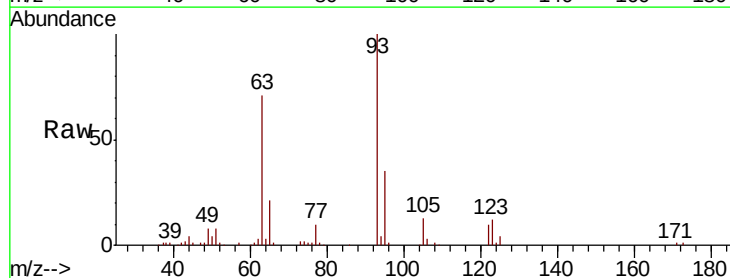


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

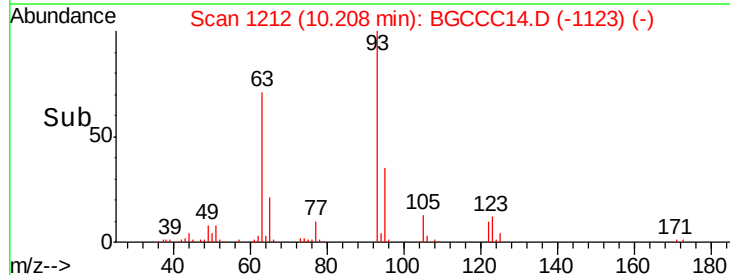
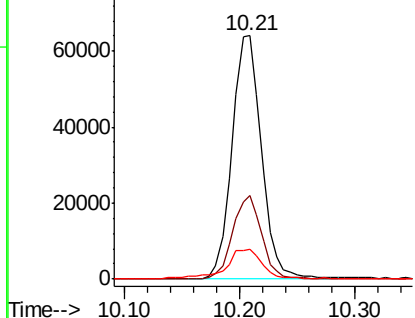


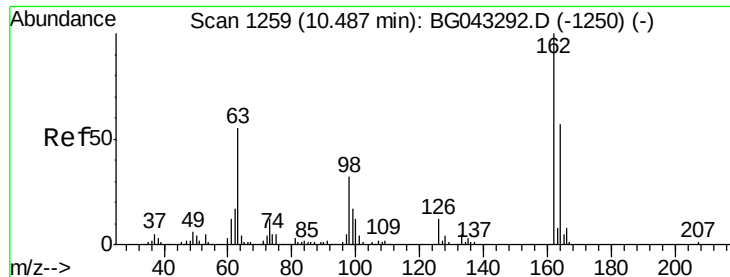
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.124 ng  
 RT: 10.21 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

Tgt Ion: 93 Resp: 113213  
 Ion Ratio Lower Upper  
 93 100  
 95 34.6 26.0 39.0  
 123 12.5 10.6 15.8



Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC  
 Ion 123.00 (122.70 to 123.70): E

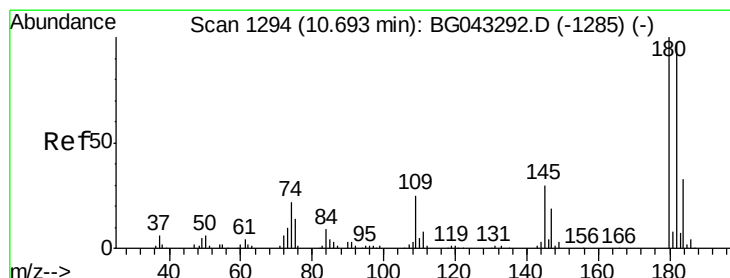
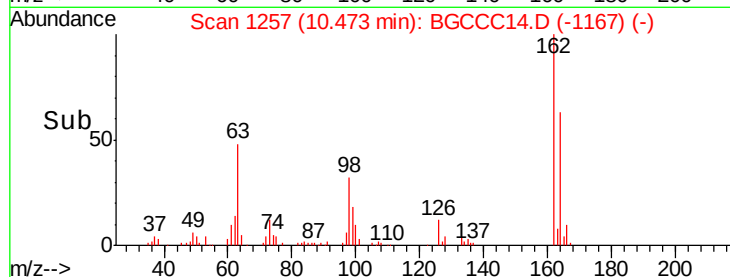
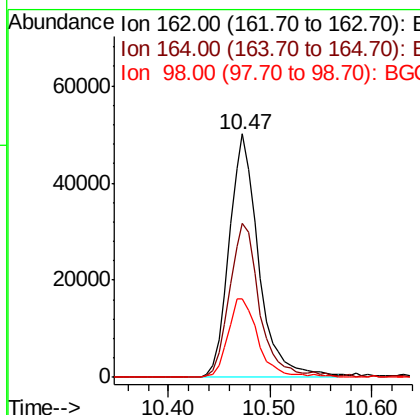
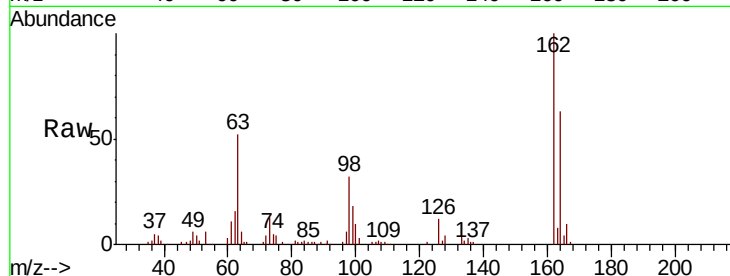




#29  
2,4-Dichlorophenol  
Concen: 41.779 ng  
RT: 10.47 min Scan# 1257  
Delta R.T. -0.00 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

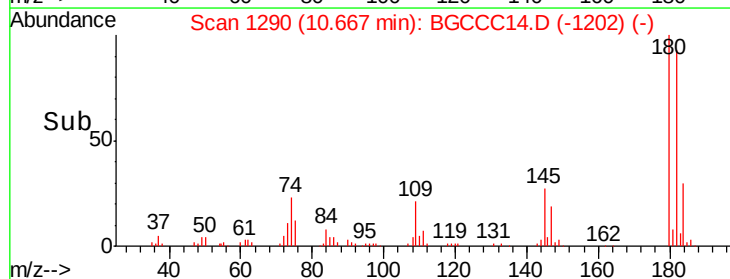
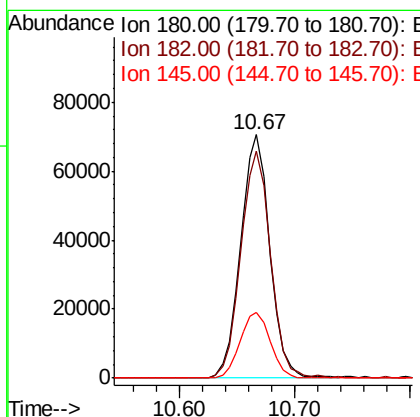
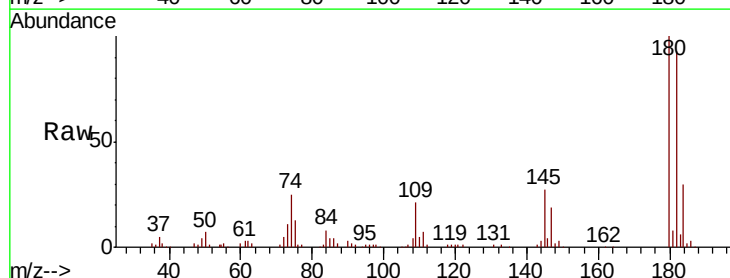
Instrument :  
BNA\_G  
ClientSampleId :

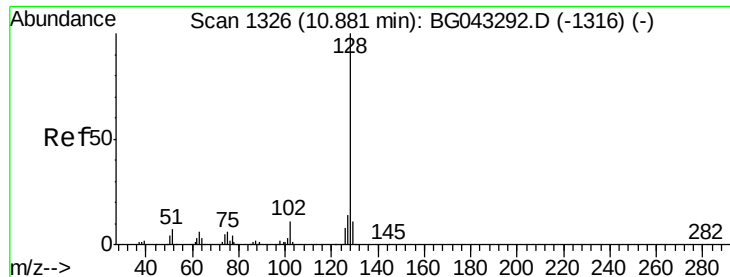
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.2  | 48.9  | 88.9  |
| 98      | 32.1  | 15.1  | 55.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 40.518 ng  
RT: 10.67 min Scan# 1290  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.4  | 75.1  | 112.7 |
| 145     | 27.0  | 23.9  | 35.9  |

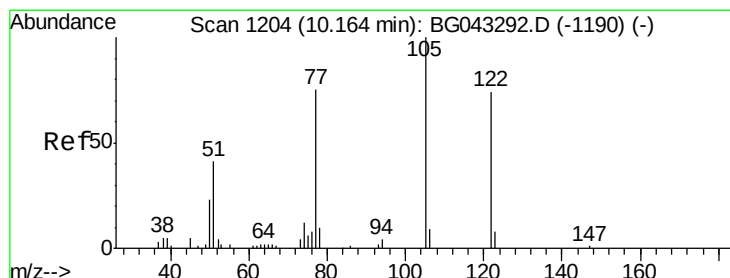
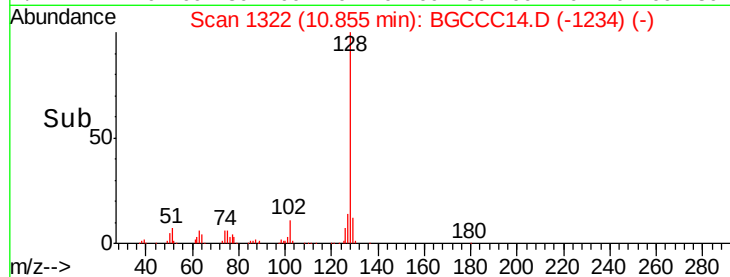
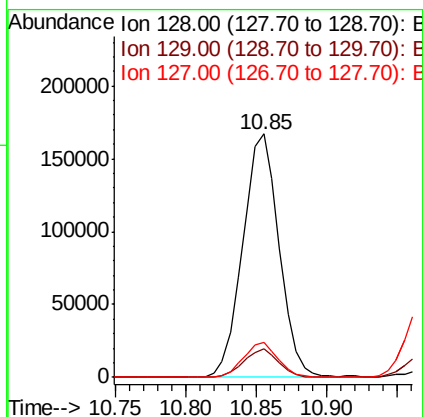
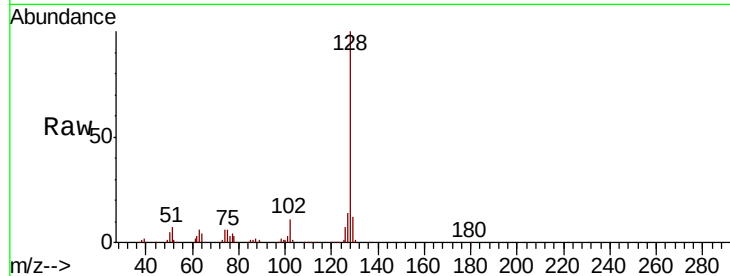




#31  
Naphthalene  
Concen: 40.114 ng  
RT: 10.85 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

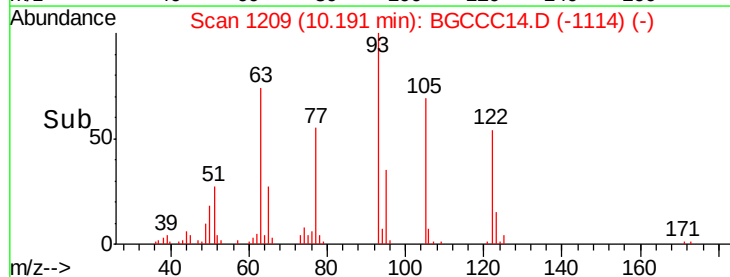
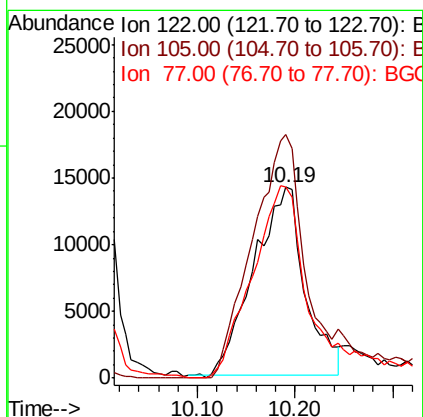
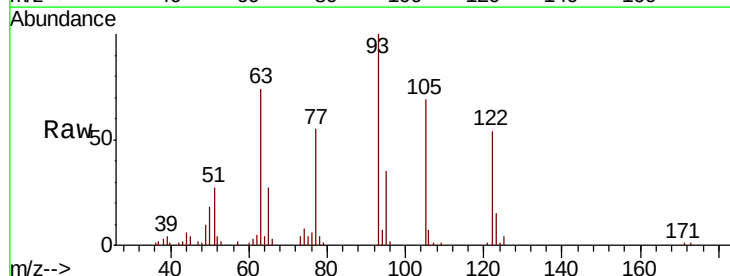
Instrument :  
BNA\_G  
ClientSampleId :

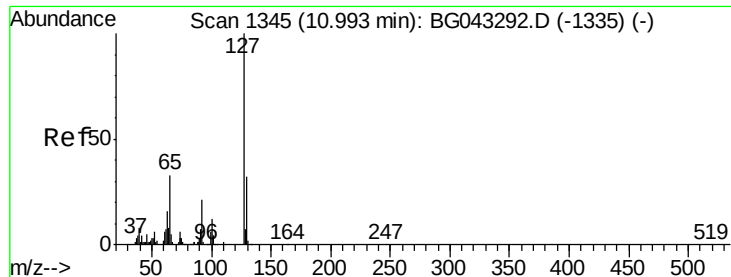
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 9.4   | 14.0  |
| 127     | 14.3  | 11.1  | 16.7  |



#32  
Benzoic acid  
Concen: 38.176 ng  
RT: 10.19 min Scan# 1209  
Delta R.T. 0.03 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 127.8 | 103.3 | 143.3 |
| 77      | 100.5 | 84.9  | 124.9 |

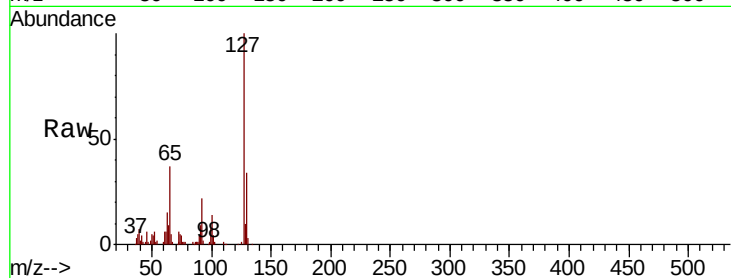




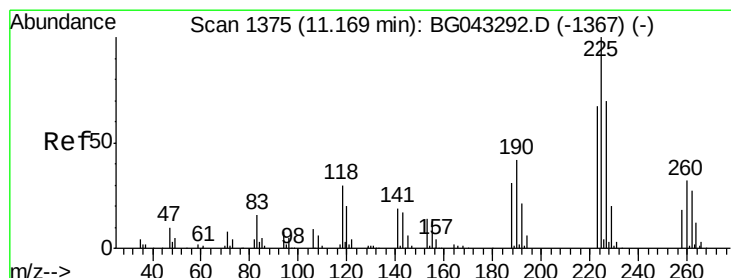
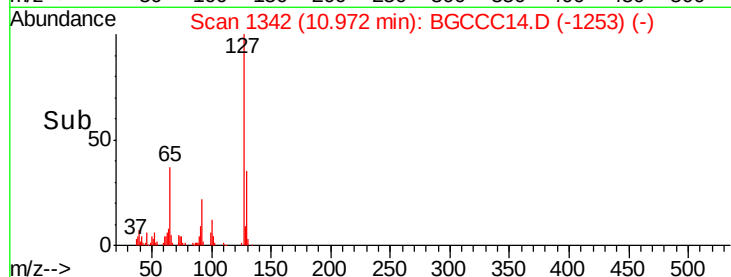
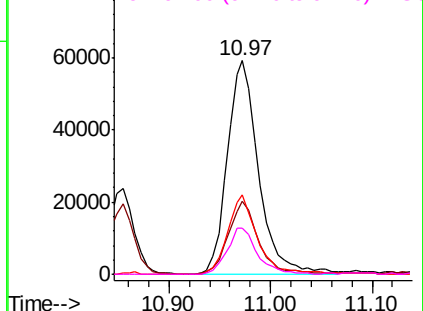
#33  
4-Chloroaniline  
Concen: 41.135 ng  
RT: 10.97 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 126538 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 34.4  | 26.5  | 39.7   |
| 65       | 37.1  | 26.4  | 39.6   |
| 92       | 21.8  | 16.2  | 24.2   |

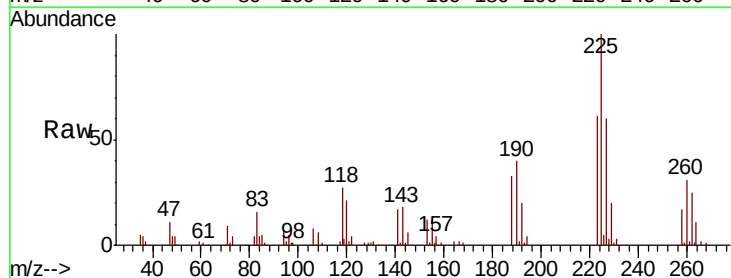


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

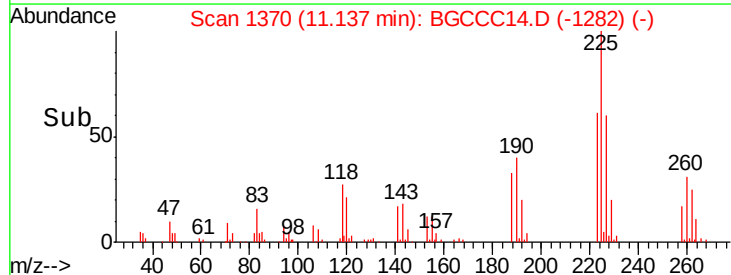
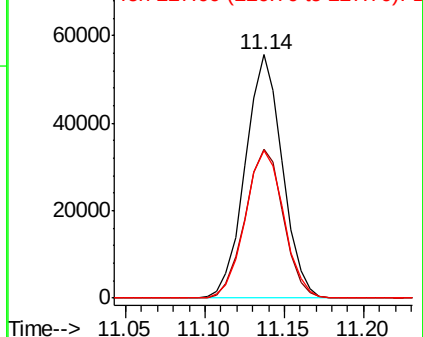


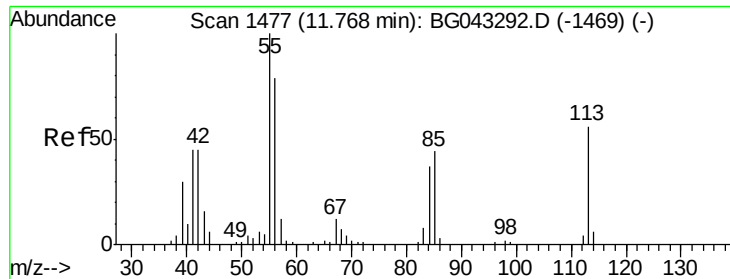
#34  
Hexachlorobutadiene  
Concen: 40.015 ng  
RT: 11.14 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 90296 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.0  | 52.7  | 79.1  |
| 227      | 60.5  | 54.8  | 82.2  |



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

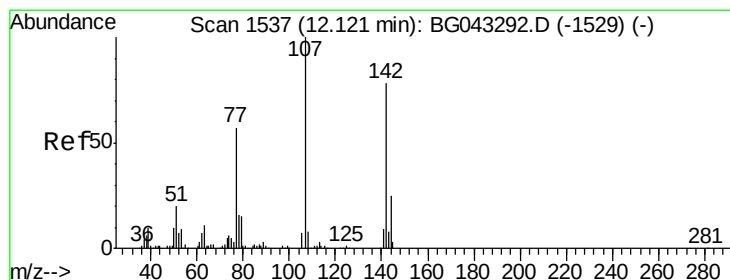
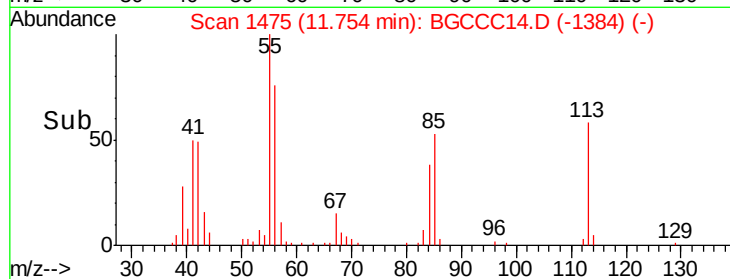
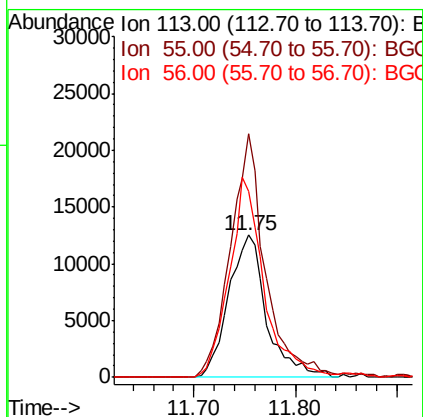
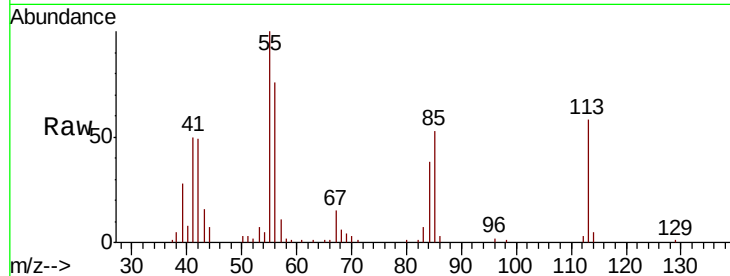




#35  
 Caprolactam  
 Concen: 38.940 ng  
 RT: 11.75 min Scan# 1475  
 Delta R.T. 0.00 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

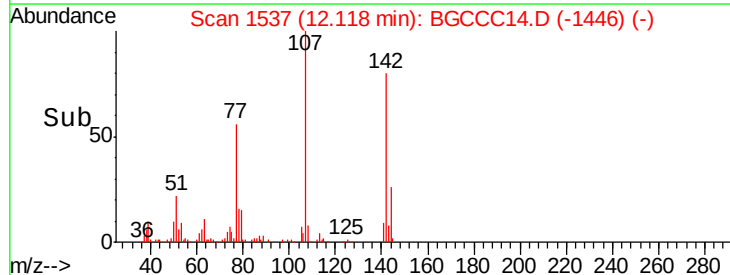
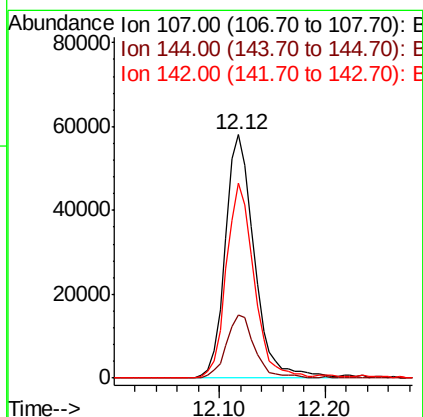
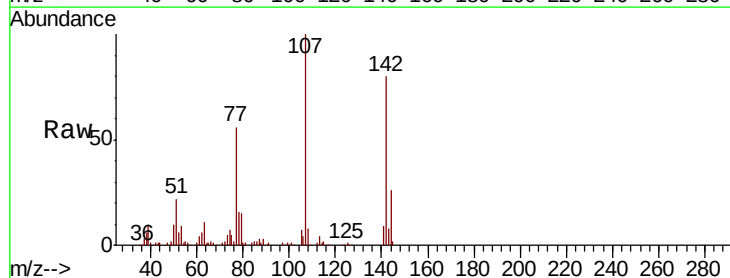
Instrument :  
 BNA\_G  
 ClientSampled :

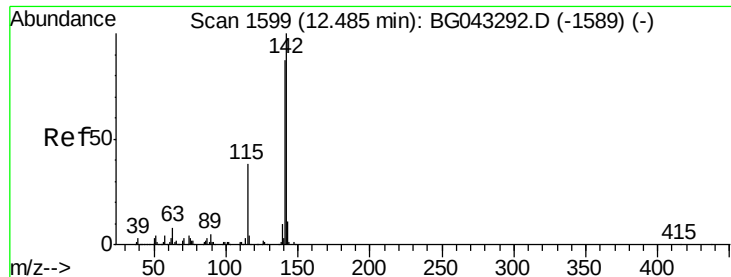
Tot Ion:113 Resp: 32482  
 Ion Ratio Lower Upper  
 113 100  
 55 171.4 134.1 174.1  
 56 130.6 100.4 140.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.656 ng  
 RT: 12.12 min Scan# 1537  
 Delta R.T. 0.00 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

Tgt Ion:107 Resp: 110052  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 20.9 31.3  
 142 80.1 59.6 89.4

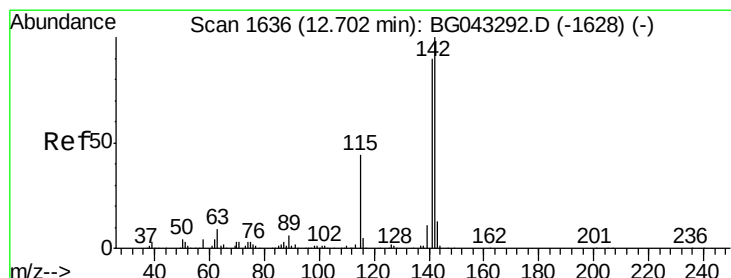
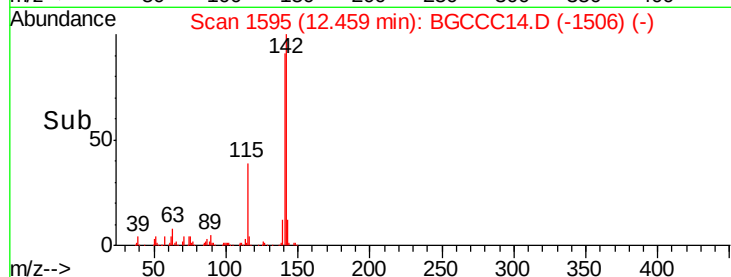
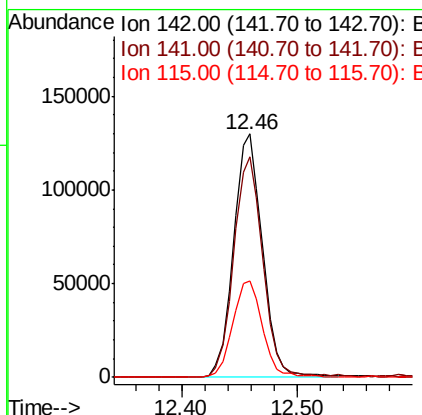
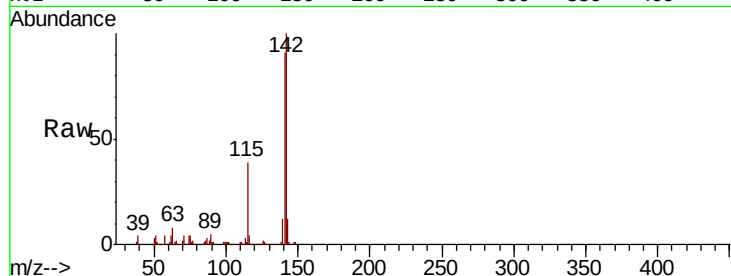




#37  
 2-Methylnaphthalene  
 Concen: 39.160 ng  
 RT: 12.46 min Scan# 1595  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

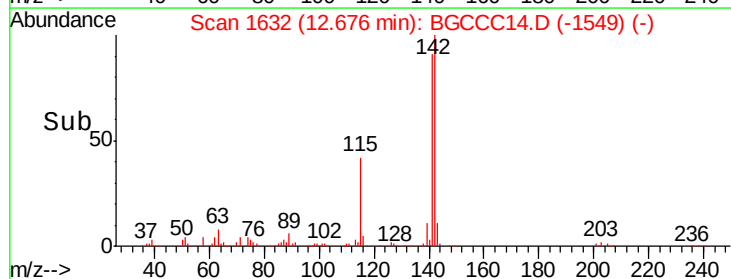
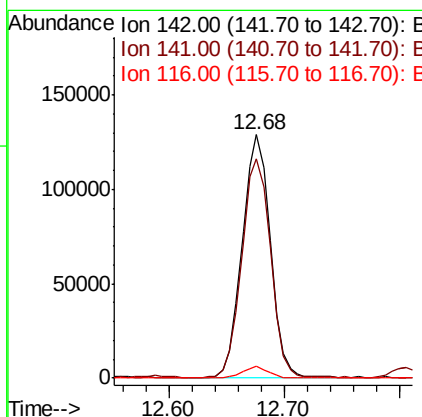
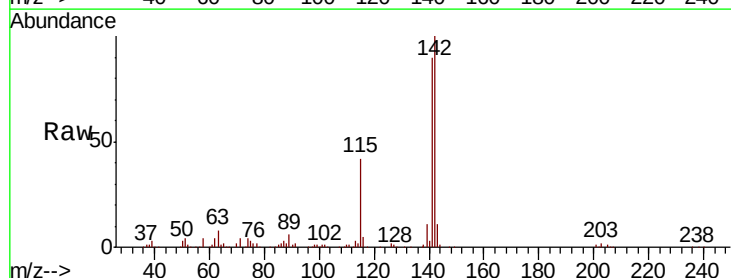
Instrument :  
 BNA\_G  
 ClientSampleId :

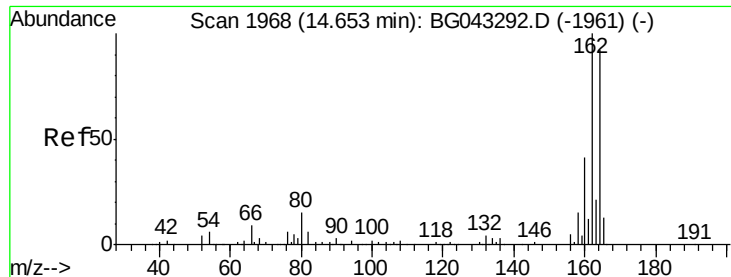
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.8  | 72.2  | 108.2 |
| 115     | 39.4  | 33.2  | 49.8  |



#38  
 1-Methylnaphthalene  
 Concen: 39.725 ng  
 RT: 12.68 min Scan# 1632  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.3  | 73.2  | 109.8 |
| 116     | 4.8   | 3.6   | 5.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

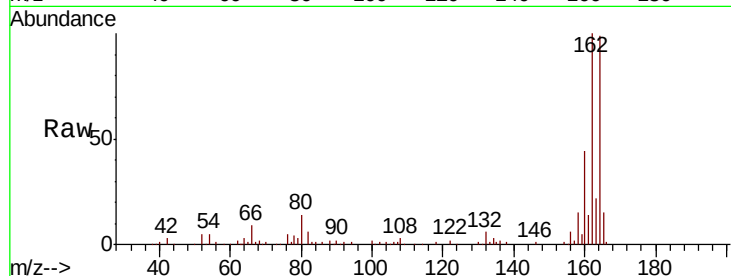
Tot Ion:164 Resp: 105763

Ion Ratio Lower Upper

164 100

162 100.7 83.5 125.3

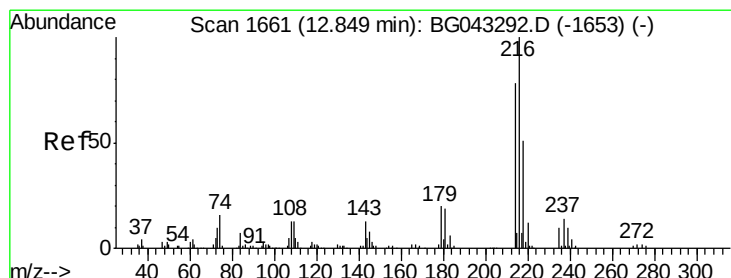
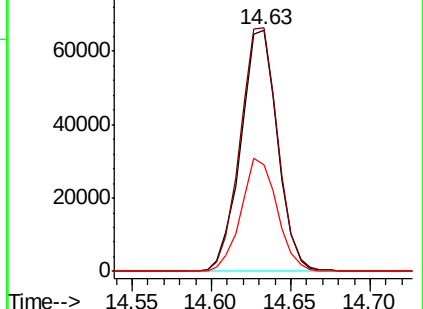
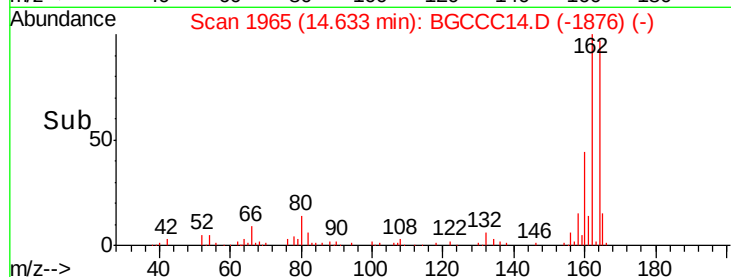
160 43.9 36.5 54.7



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: 40.824 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Tgt Ion:216 Resp: 159791

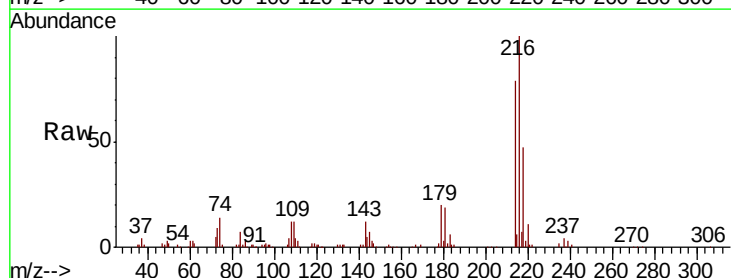
Ion Ratio Lower Upper

216 100

214 79.4 61.7 92.5

179 19.6 15.8 23.8

108 14.4 11.5 17.3

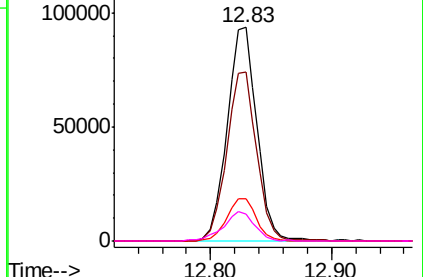
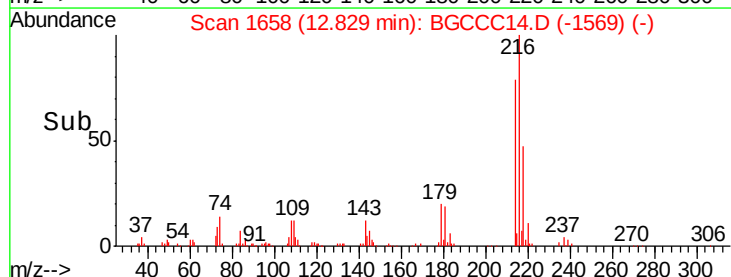


Abundance Ion 216.00 (215.70 to 216.70): E

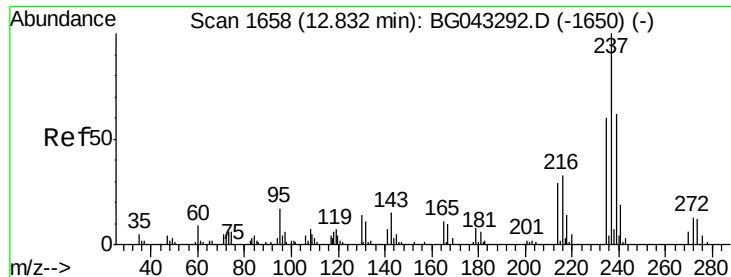
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



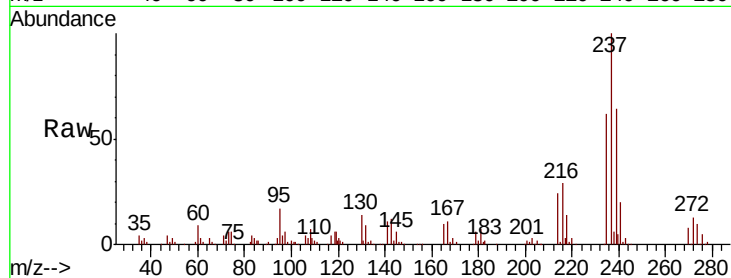




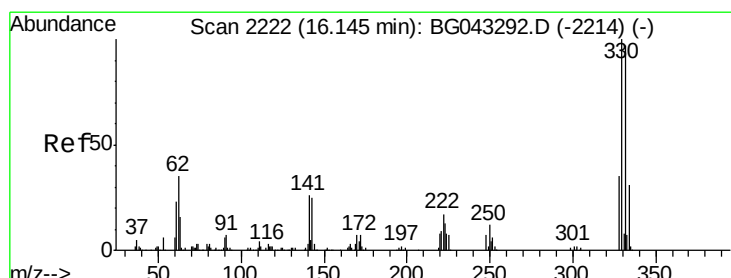
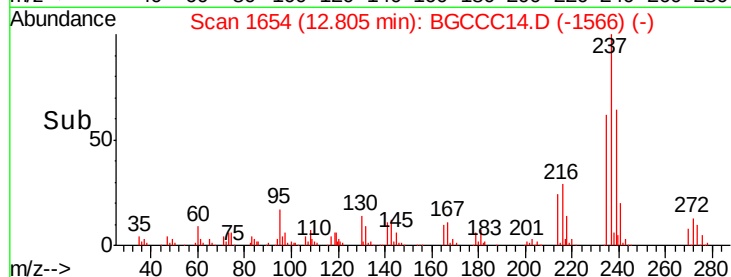
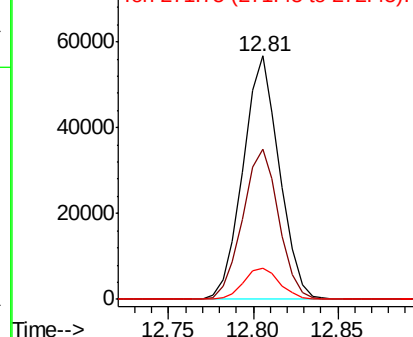
#41  
Hexachlorocyclopentadiene  
Concen: 41.158 ng  
RT: 12.81 min Scan# 1654  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:237 Resp: 84625  
Ion Ratio Lower Upper  
237 100  
235 61.9 41.6 81.6  
272 12.9 0.0 32.5

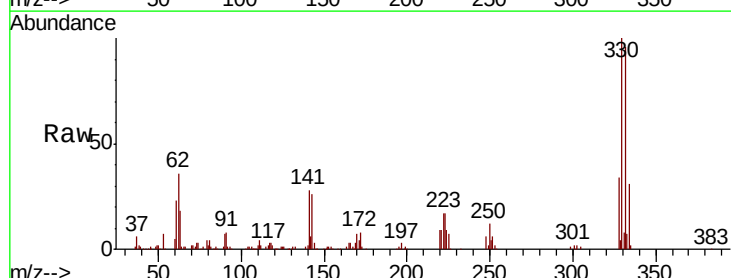


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

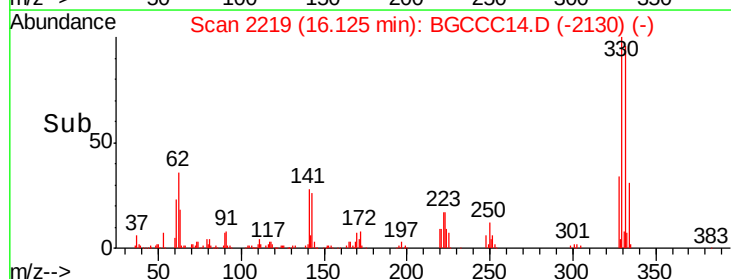
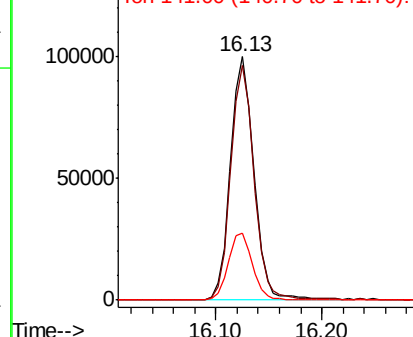


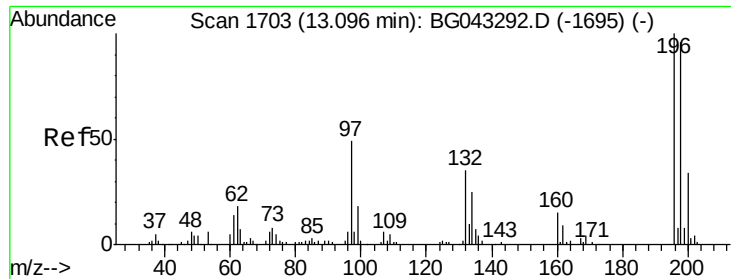
#42  
2,4,6-Tribromophenol  
Concen: 76.430 ng  
RT: 16.13 min Scan# 2219  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

Tgt Ion:330 Resp: 153829  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.4 116.0  
141 28.5 22.8 34.2



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

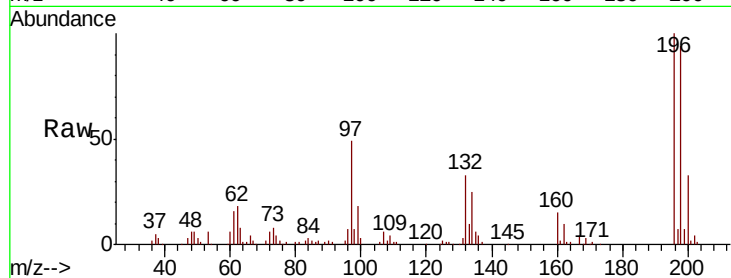




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.438 ng  
 RT: 13.08 min Scan# 1700  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

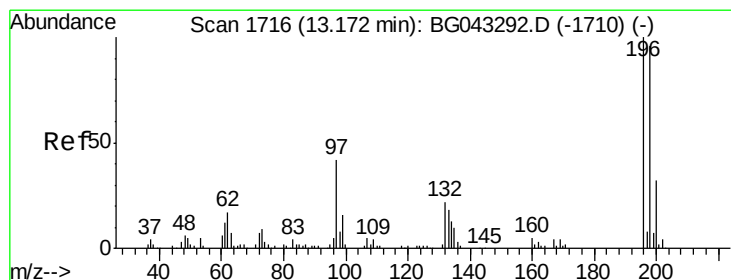
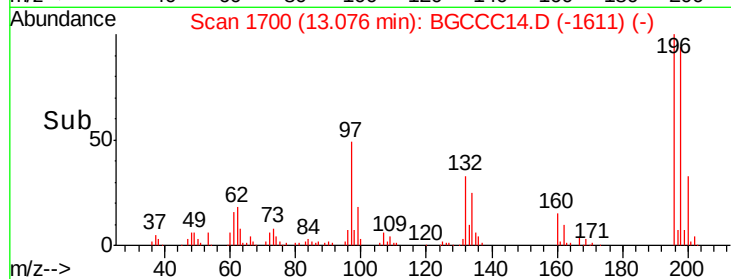
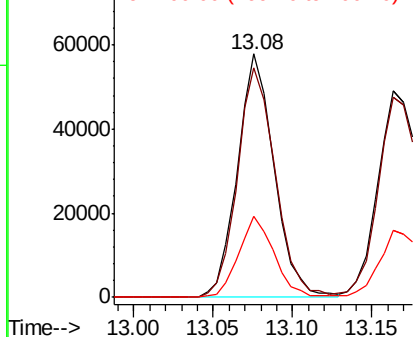
Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:196 Resp: 93212  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 75.8 113.6  
 200 33.4 23.9 35.9



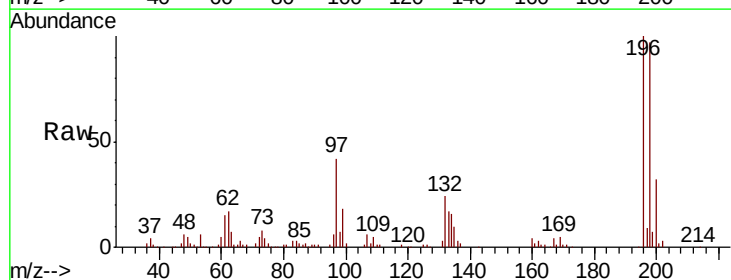
Abundance

Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E



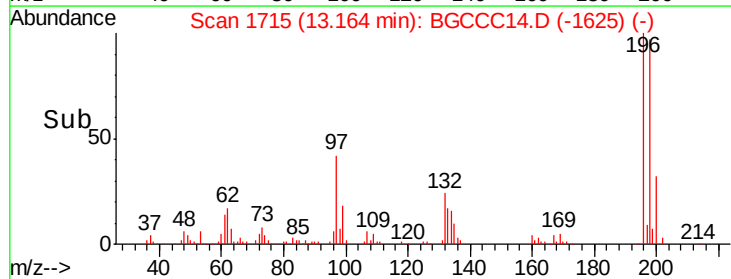
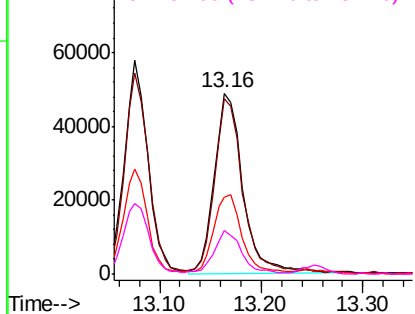
#44  
 2,4,5-Trichlorophenol  
 Concen: 40.563 ng  
 RT: 13.16 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

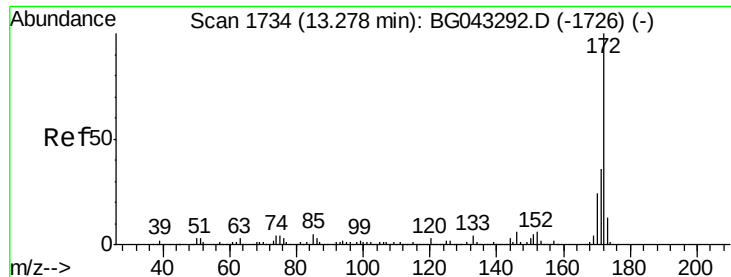
Tgt Ion:196 Resp: 94528  
 Ion Ratio Lower Upper  
 196 100  
 198 96.8 74.5 111.7  
 97 42.2 36.3 54.5  
 132 23.8 17.4 26.2



Abundance

Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

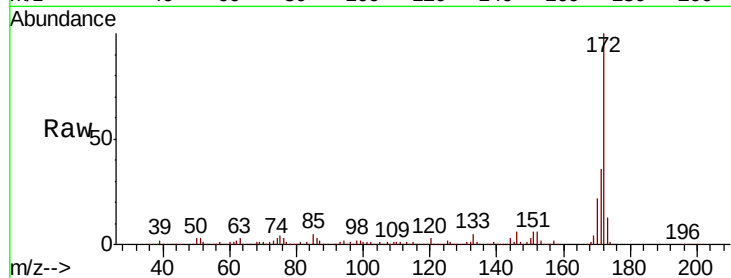




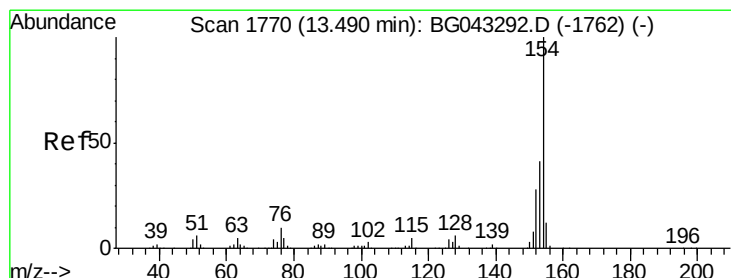
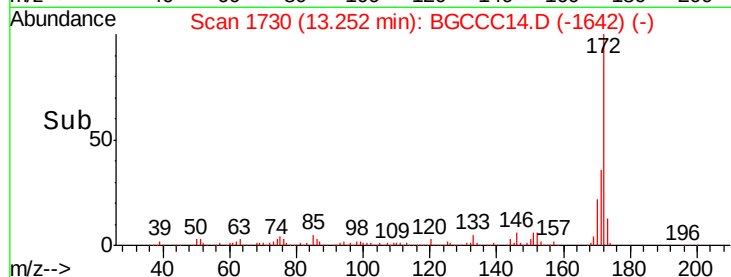
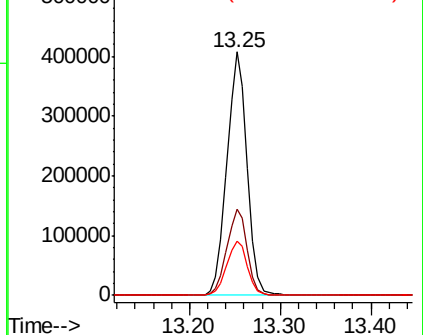
#45  
2-Fluorobiphenyl  
Concen: 81.785 ng  
RT: 13.25 min Scan# 1730  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:172 Resp: 625981  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.9 43.3  
170 22.4 18.5 27.7

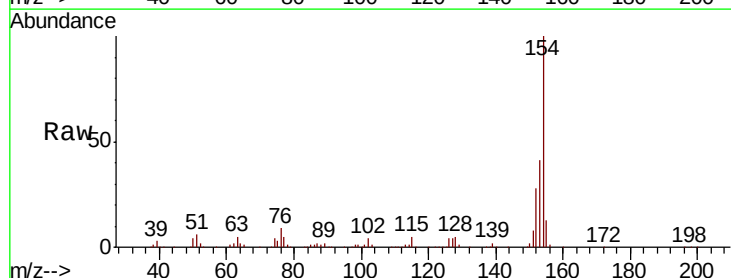


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

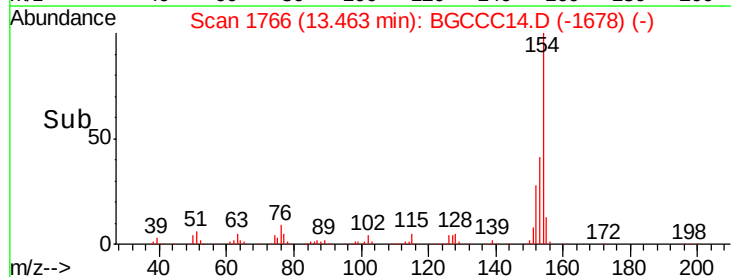
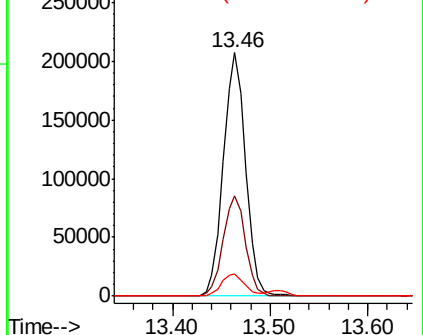


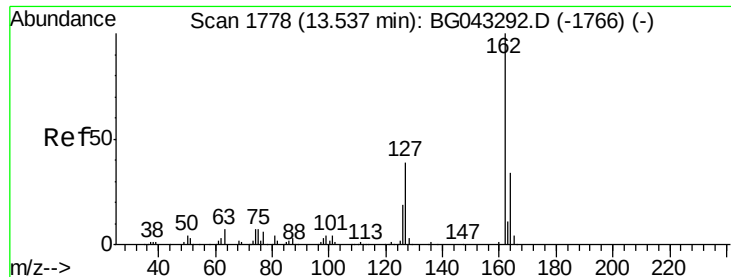
#46  
1,1'-Biphenyl  
Concen: 40.669 ng  
RT: 13.46 min Scan# 1766  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

Tgt Ion:154 Resp: 327217  
Ion Ratio Lower Upper  
154 100  
153 40.9 19.9 59.9  
76 9.2 0.0 29.4



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

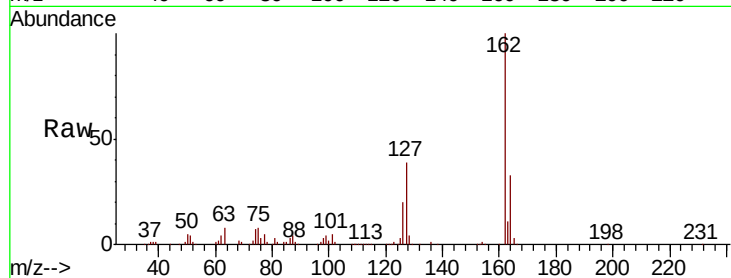




#47  
 2-Chloronaphthalene  
 Concen: 40.988 ng  
 RT: 13.51 min Scan# 1774  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.4  | 31.2  | 46.8  |
| 164     | 33.1  | 25.8  | 38.8  |

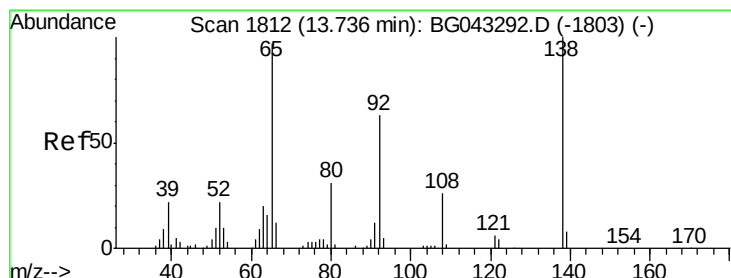
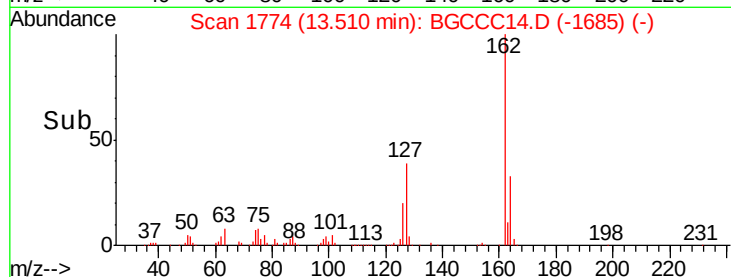
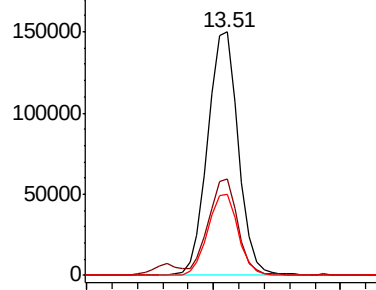


Abundance

Ion 162.00 (161.70 to 162.70): E

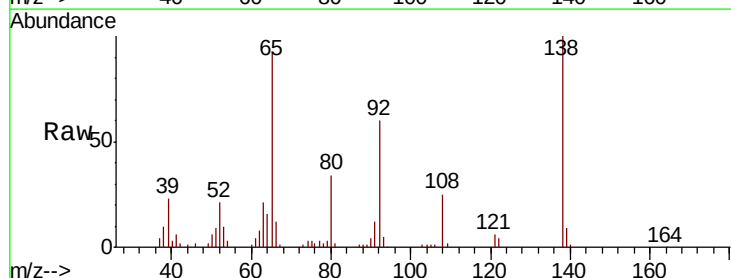
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
 2-Nitroaniline  
 Concen: 41.889 ng  
 RT: 13.72 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.2  | 56.2  | 84.2  |
| 138     | 107.9 | 82.6  | 123.8 |

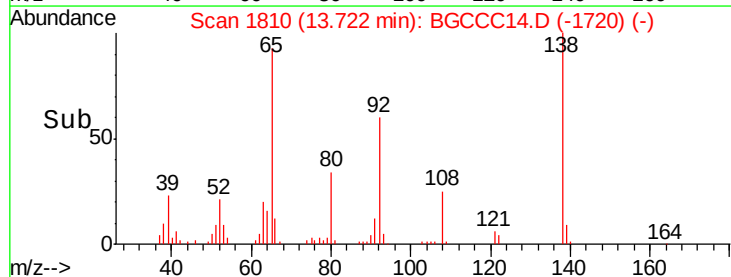
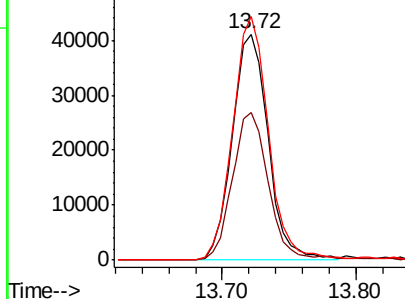


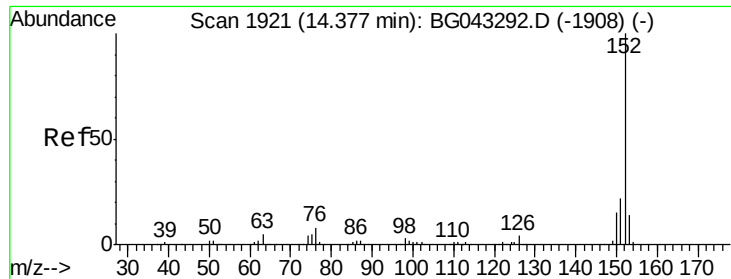
Abundance

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: 40.457 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

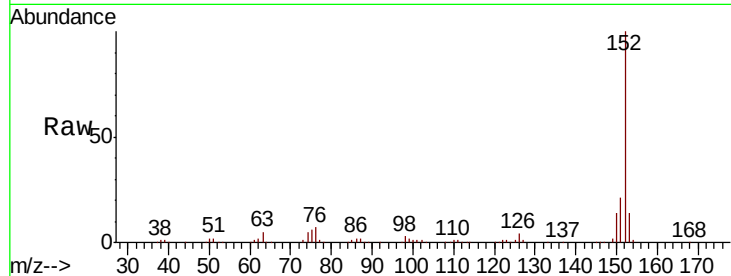
Tot Ion:152 Resp: 385464

Ion Ratio Lower Upper

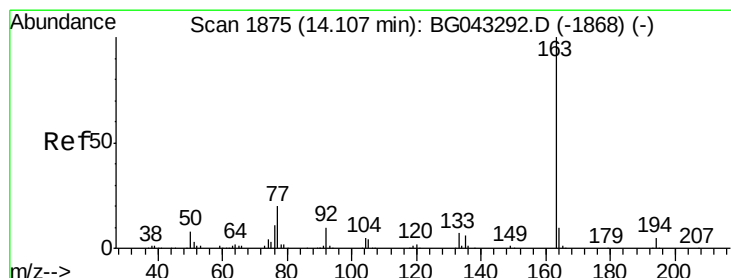
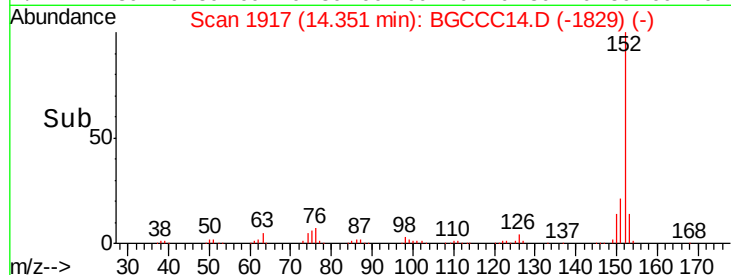
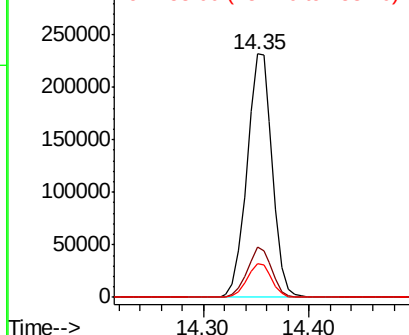
152 100

151 20.6 16.2 24.4

153 13.7 10.6 15.8



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: 39.447 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

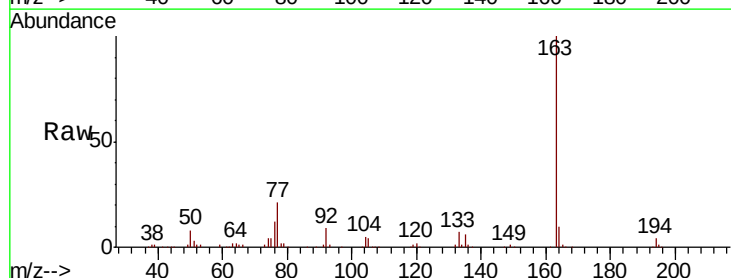
Tgt Ion:163 Resp: 323150

Ion Ratio Lower Upper

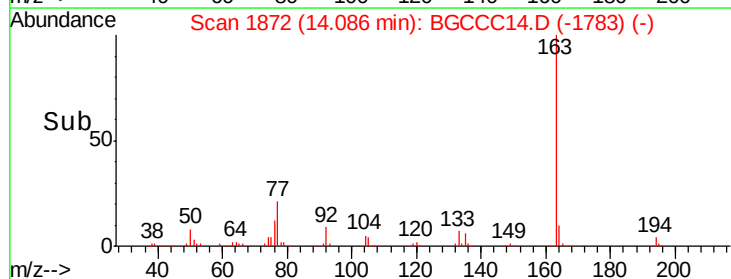
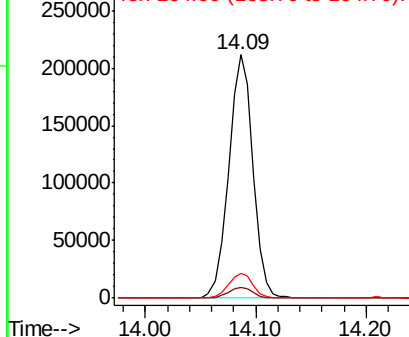
163 100

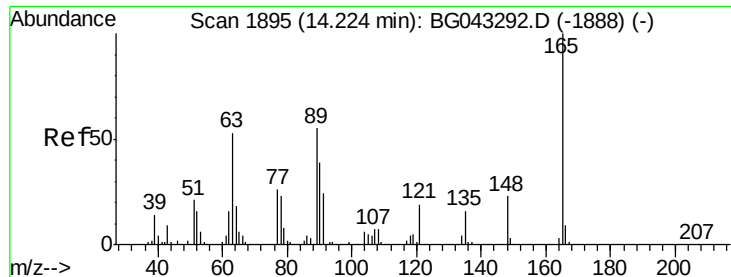
194 4.4 3.8 5.6

164 10.3 8.9 13.3



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

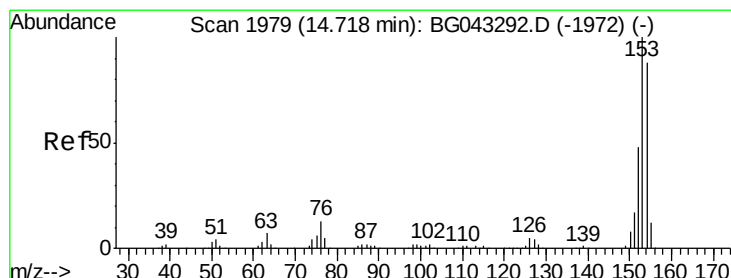
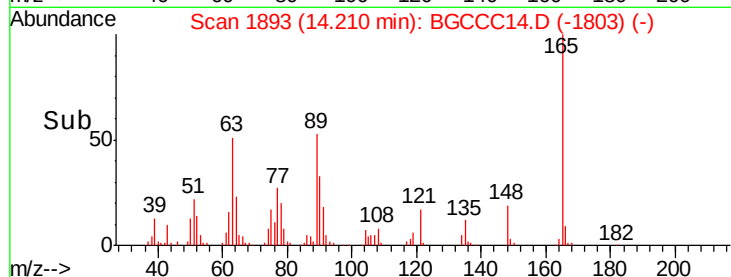
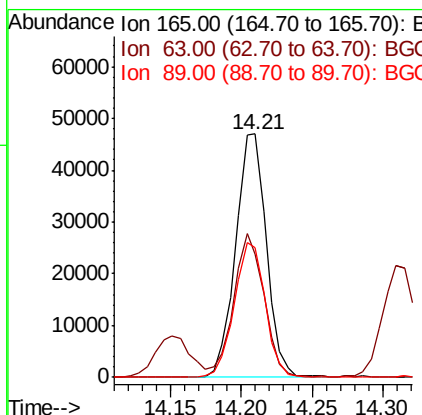
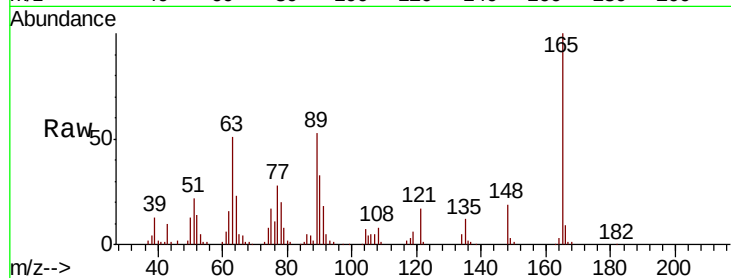




#51  
 2,6-Dinitrotoluene  
 Concen: 40.214 ng  
 RT: 14.21 min Scan# 1893  
 Delta R.T. -0.00 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

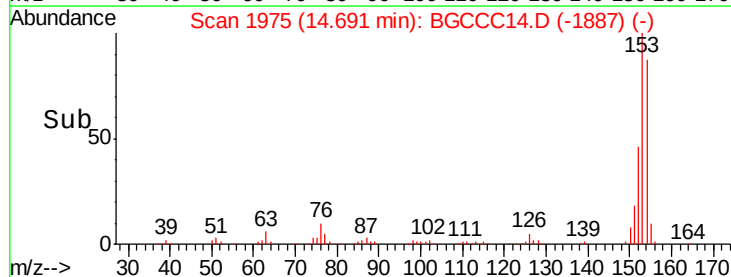
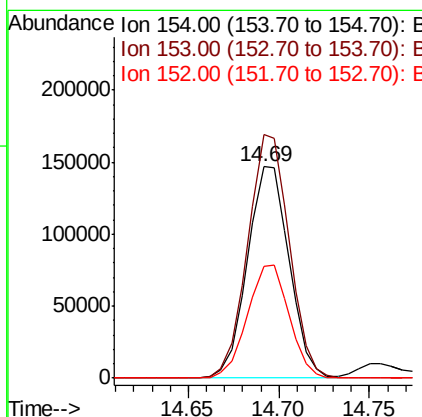
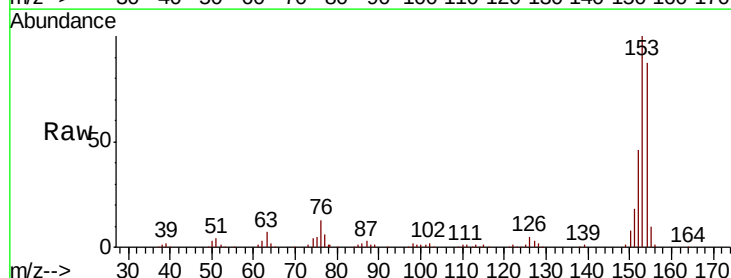
Instrument :  
 BNA\_G  
 ClientSampleId :

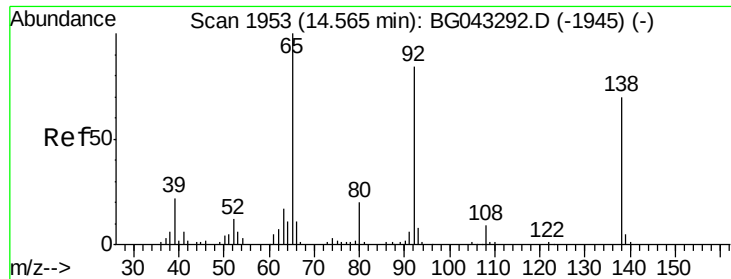
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.8  | 46.6  | 69.8  |
| 89      | 53.3  | 45.1  | 67.7  |



#52  
 Acenaphthene  
 Concen: 40.362 ng  
 RT: 14.69 min Scan# 1975  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.3 | 88.2  | 132.2 |
| 152     | 53.2  | 40.0  | 60.0  |





#53

3-Nitroaniline

Concen: 41.695 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

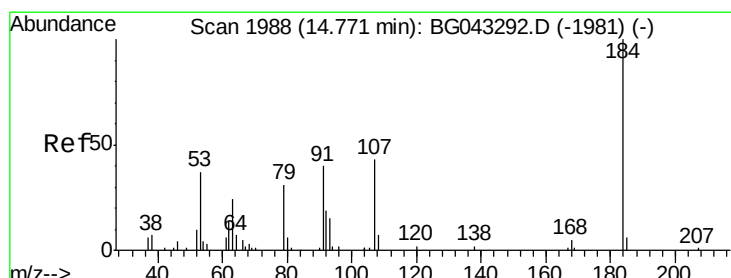
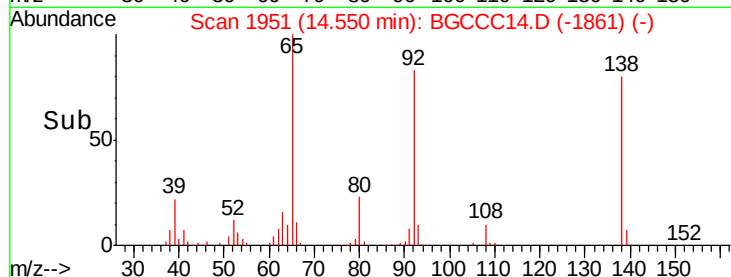
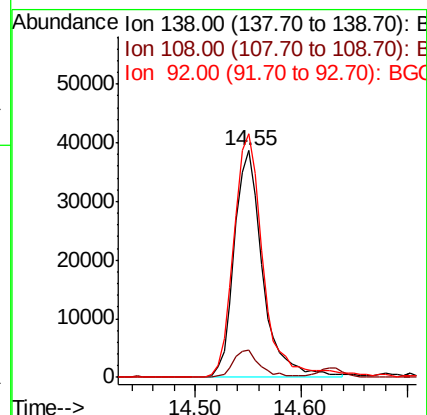
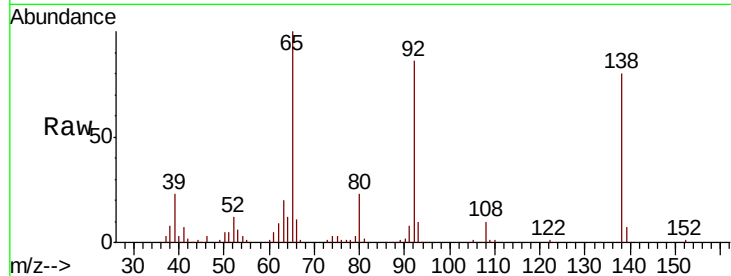
Tot Ion:138 Resp: 71644

Ion Ratio Lower Upper

138 100

108 12.0 8.0 12.0#

92 107.3 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 34.819 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

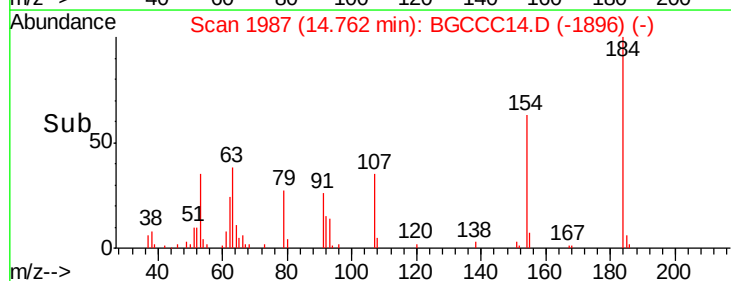
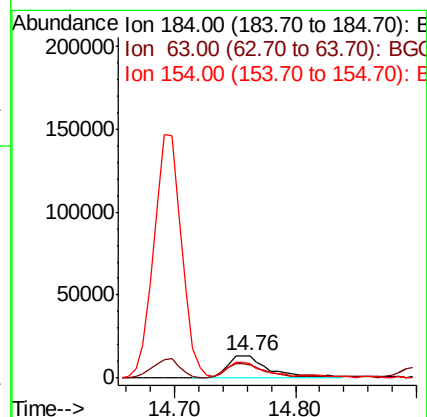
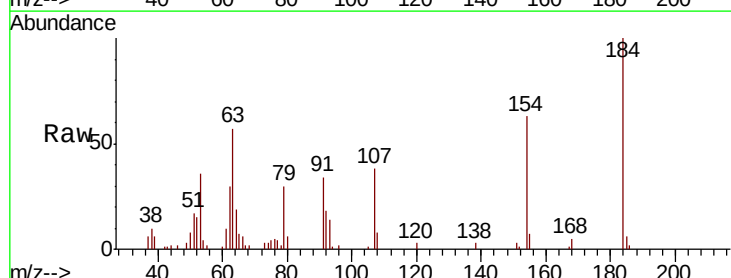
Tgt Ion:184 Resp: 33667

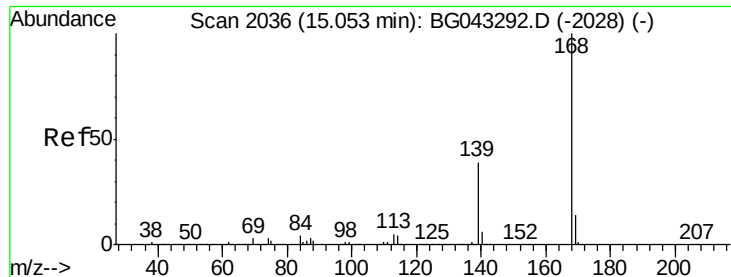
Ion Ratio Lower Upper

184 100

63 56.9 51.3 76.9

154 63.4 55.4 83.0





#55

Dibenzenofuran

Concen: 40.300 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

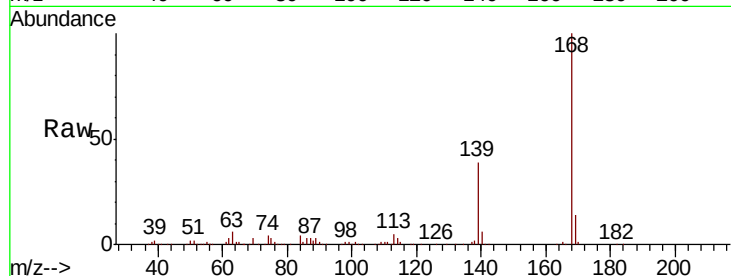
Tot Ion:168 Resp: 379729

Ion Ratio Lower Upper

168 100

139 39.3 31.0 46.6

169 14.1 11.7 17.5

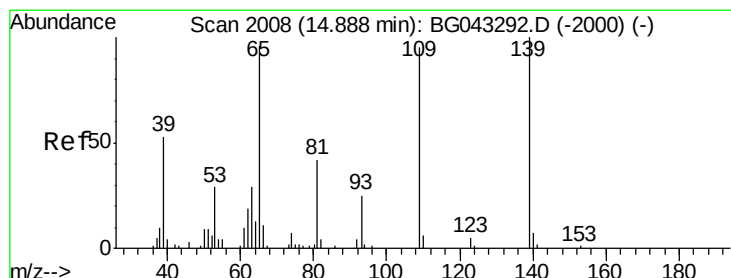
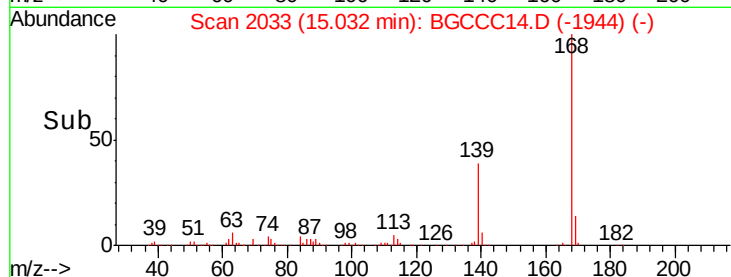
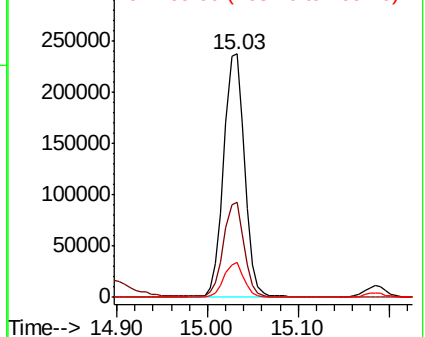


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 35.354 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.02 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

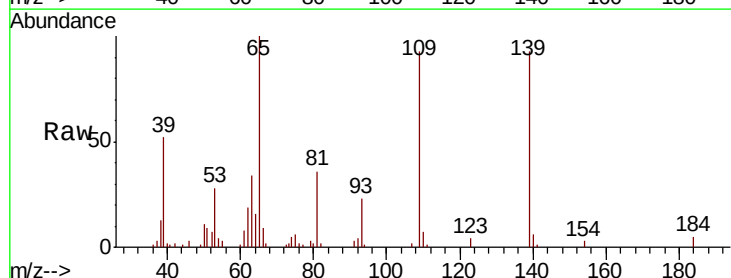
Tgt Ion:139 Resp: 40709

Ion Ratio Lower Upper

139 100

109 99.9 87.2 127.2

65 107.6 83.8 123.8

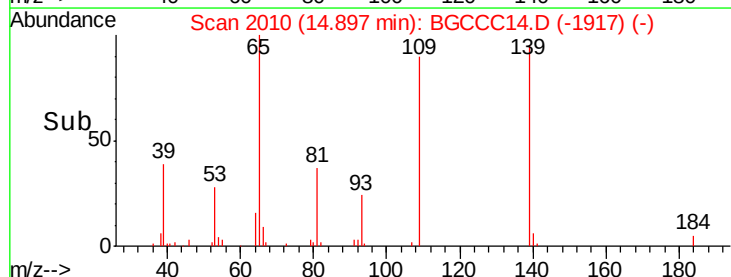
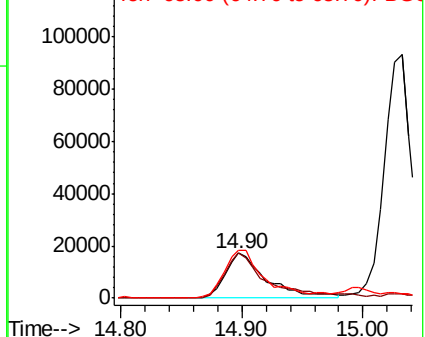


Abundance

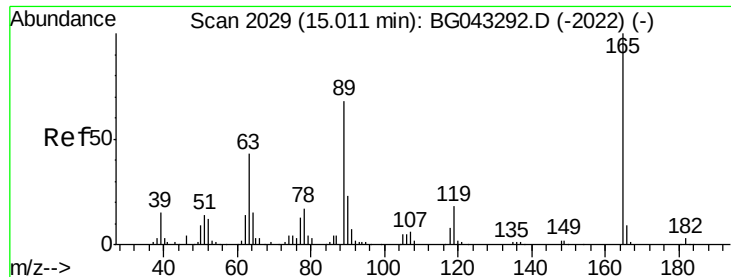
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



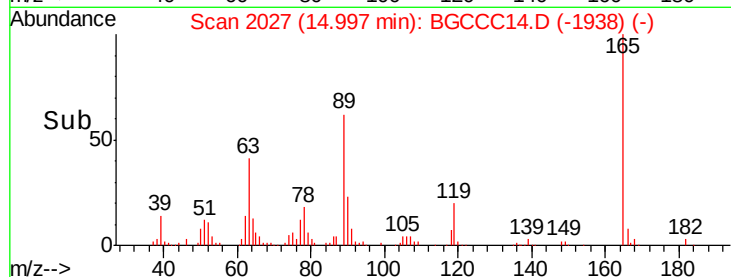
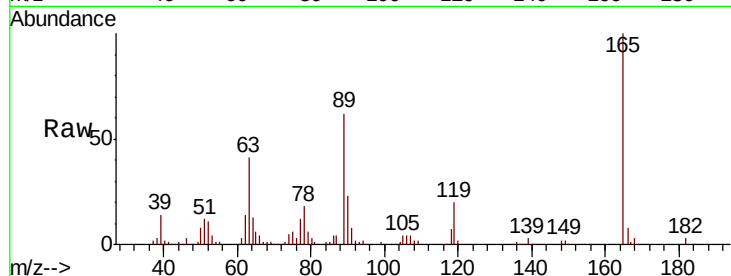




#57  
2,4-Dinitrotoluene  
Concen: 40.343 ng  
RT: 15.00 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 40.9  | 33.2  | 49.8  |
| 89      | 62.2  | 52.2  | 78.4  |
| 182     | 2.7   | 2.0   | 3.0   |



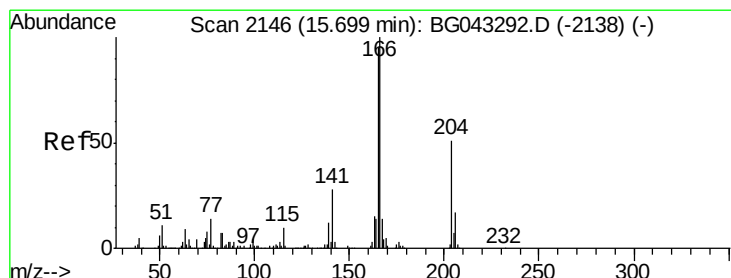
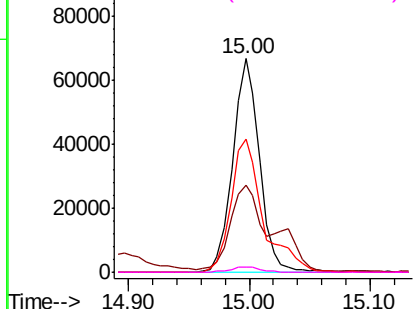
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

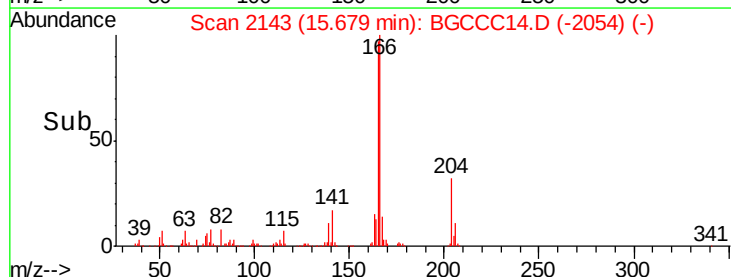
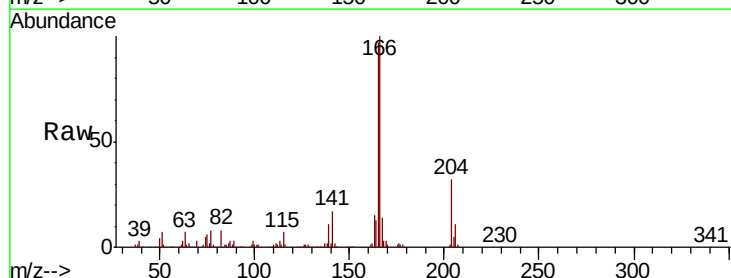
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 40.277 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.5  | 79.0  | 118.6 |
| 167     | 13.6  | 10.5  | 15.7  |

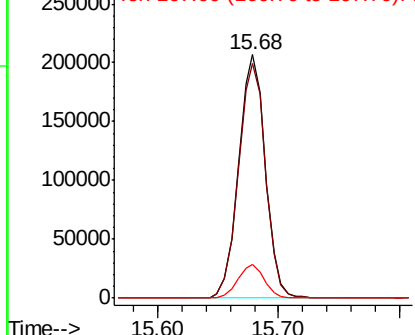


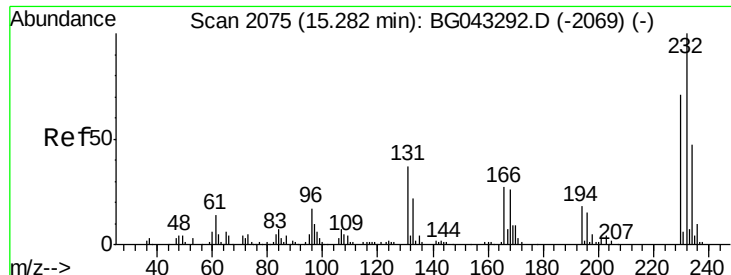
Abundance

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

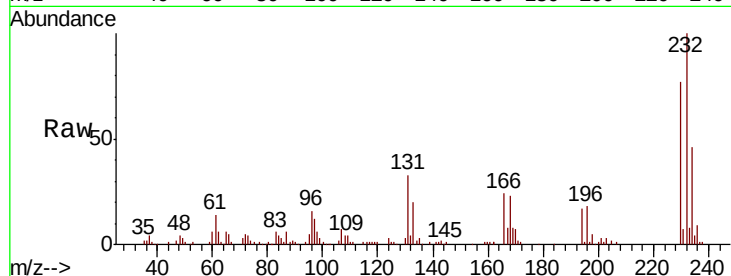




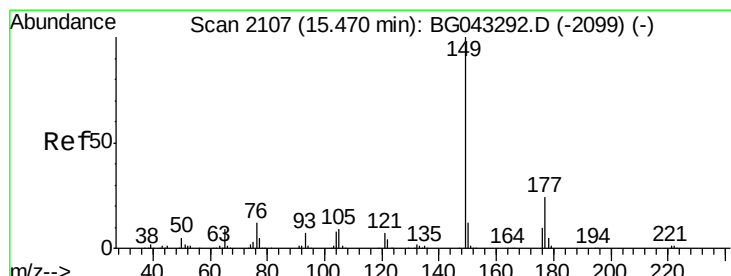
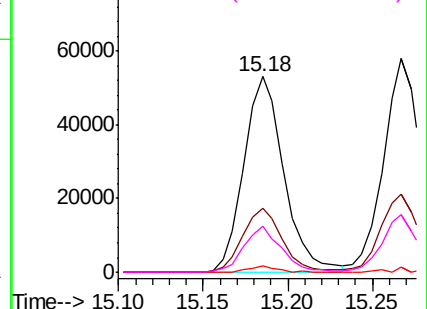
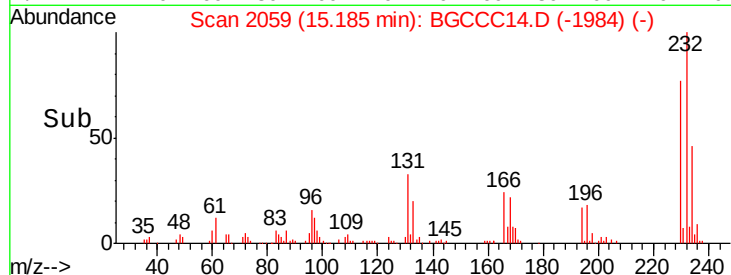
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 35.304 ng  
 RT: 15.18 min Scan# 2059  
 Delta R.T. -0.09 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 32.7  | 26.9  | 40.3  |
| 130     | 2.2   | 1.8   | 2.6   |
| 166     | 22.2  | 20.9  | 31.3  |

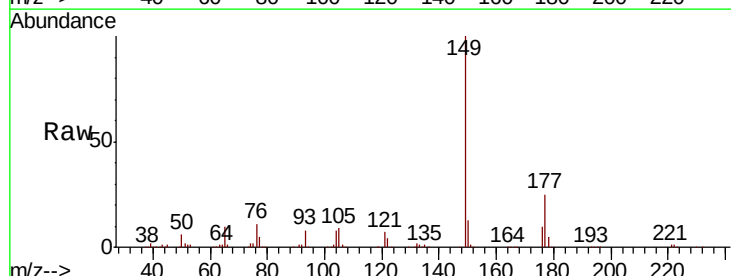


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

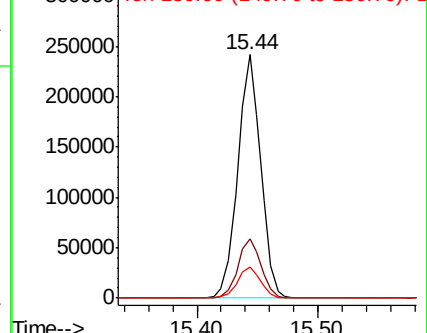
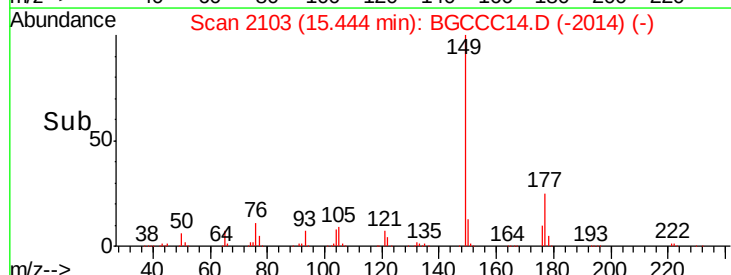


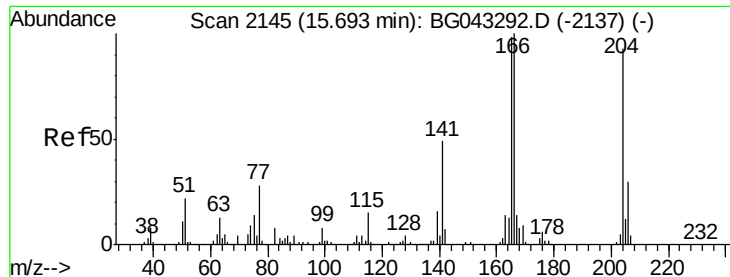
#60  
 Diethylphthalate  
 Concen: 38.809 ng  
 RT: 15.44 min Scan# 2103  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.5  | 19.6  | 29.4  |
| 150     | 12.7  | 10.8  | 16.2  |



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

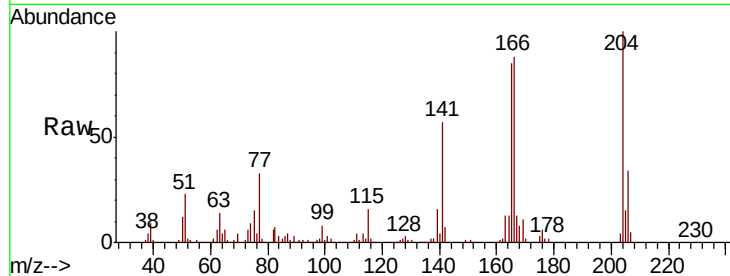




#61  
4-Chlorophenyl-phenylether  
Concen: 39.485 ng  
RT: 15.67 min Scan# 2141  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.4  | 28.4  | 42.6  |
| 141     | 57.5  | 43.0  | 64.6  |

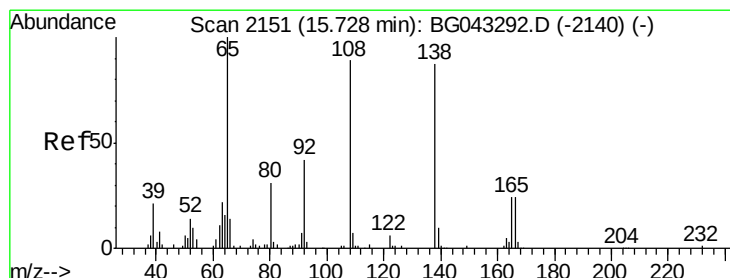
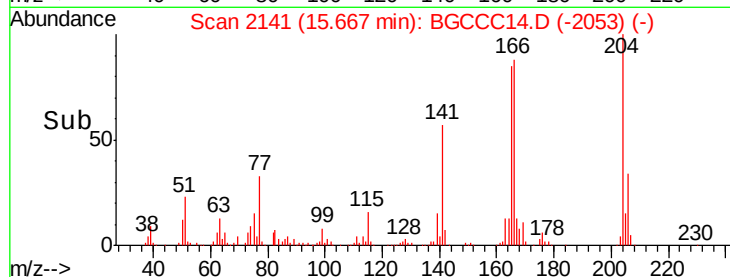
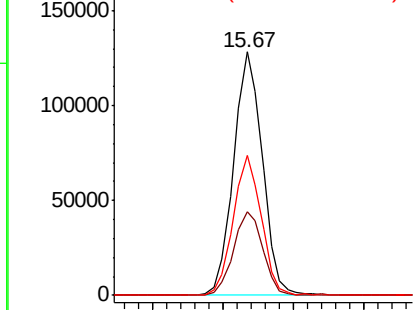


Abundance

Ion 204.00 (203.70 to 204.70): E

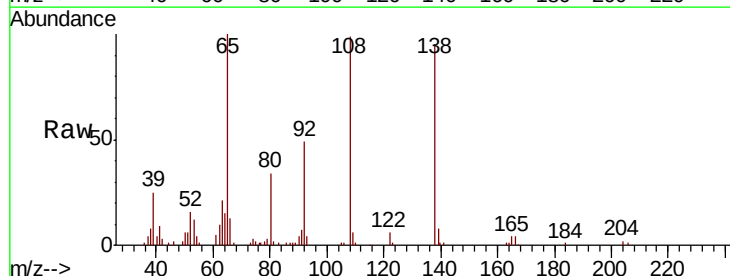
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 42.094 ng  
RT: 15.71 min Scan# 2149  
Delta R.T. -0.00 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.7  | 33.4  | 73.4  |
| 108     | 103.7 | 78.0  | 118.0 |

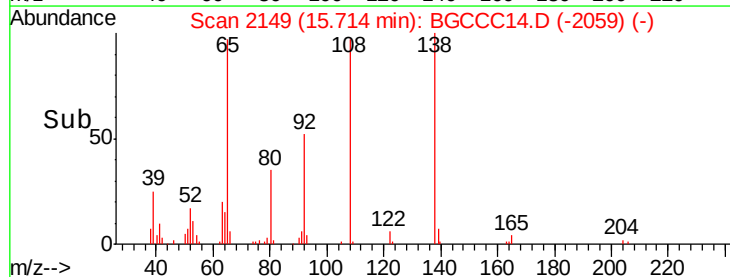
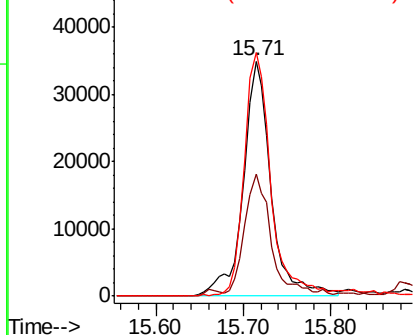


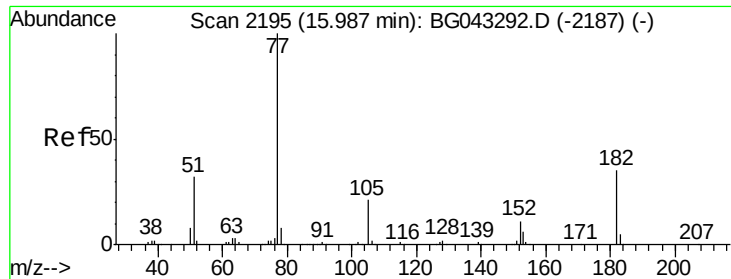
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

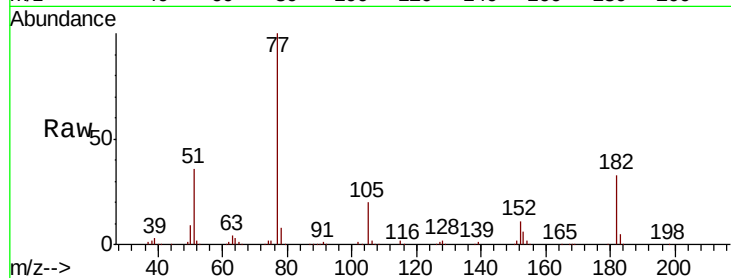




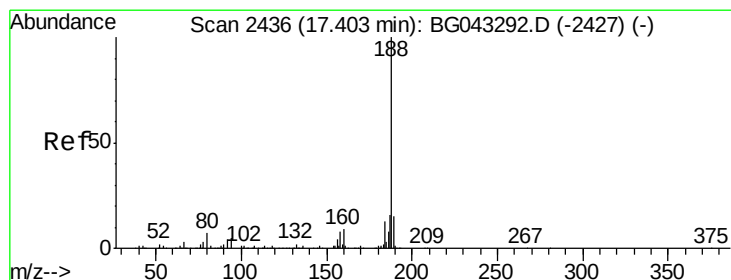
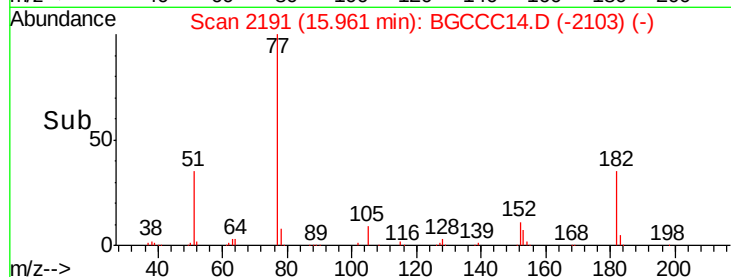
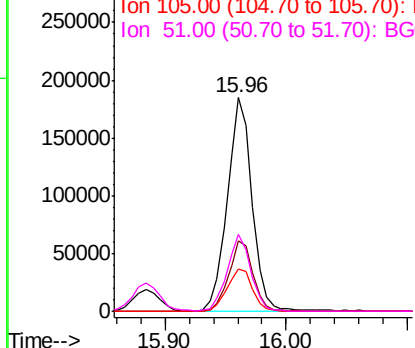
#63  
Azobenzene  
Concen: 39.050 ng  
RT: 15.96 min Scan# 2191  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 260143 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 32.9  | 13.7  | 53.7   |
| 105      | 19.5  | 0.4   | 40.4   |
| 51       | 35.9  | 11.0  | 51.0   |

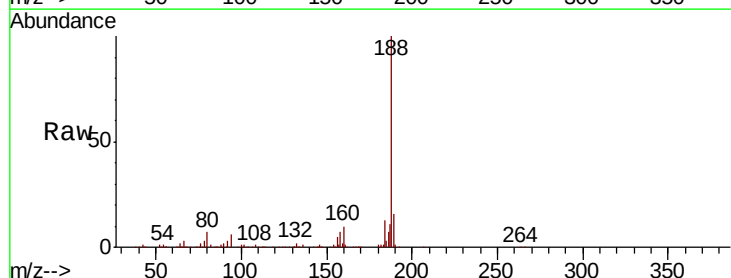


Abundance Ion 77.00 (76.70 to 77.70): BG  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BG

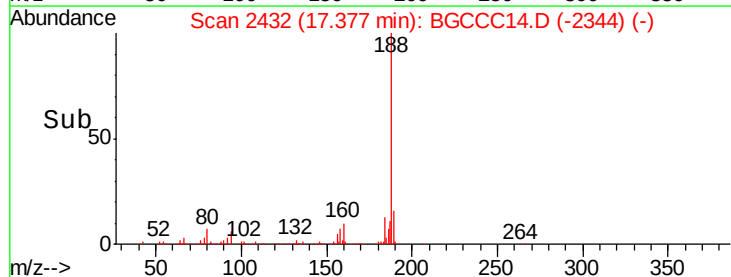
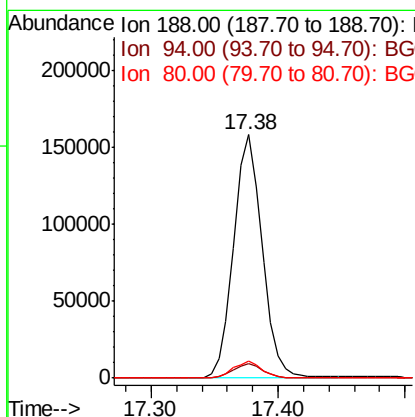


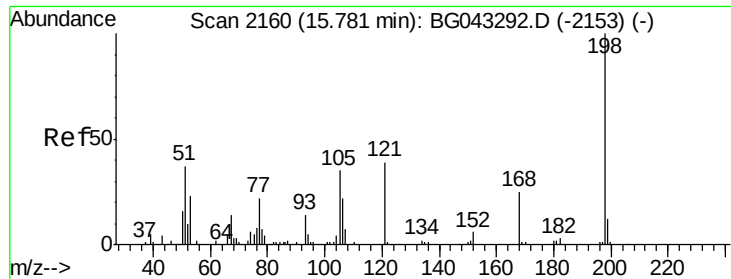
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.38 min Scan# 2432  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 246346 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 5.8   | 4.2   | 6.4    |
| 80       | 7.0   | 4.5   | 6.7#   |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BG  
Ion 80.00 (79.70 to 80.70): BG





#65

4,6-Dinitro-2-methylphenol

Concen: 34.963 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

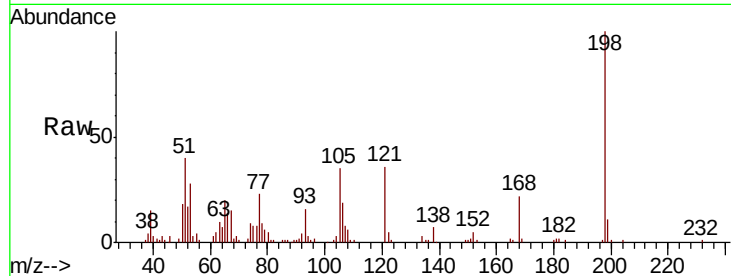
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:198 Resp: 50688

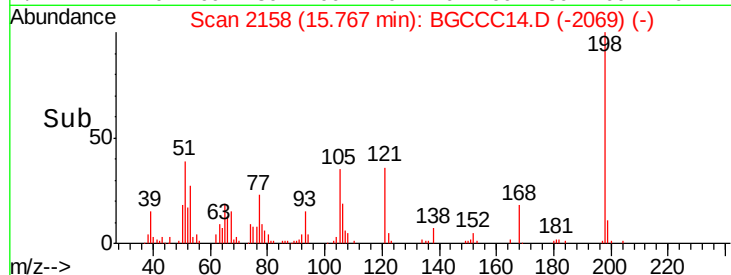
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 39.7  | 13.2  | 53.2  |
| 105 | 34.7  | 15.8  | 55.8  |



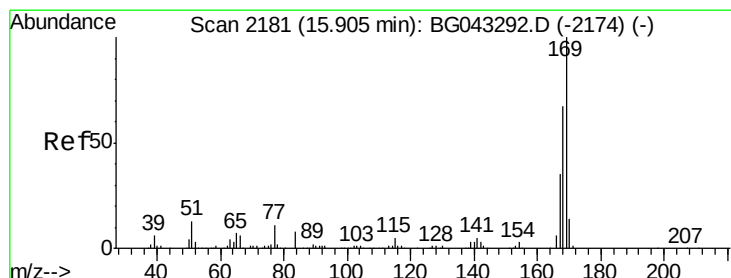
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 39.876 ng

RT: 15.88 min Scan# 2178

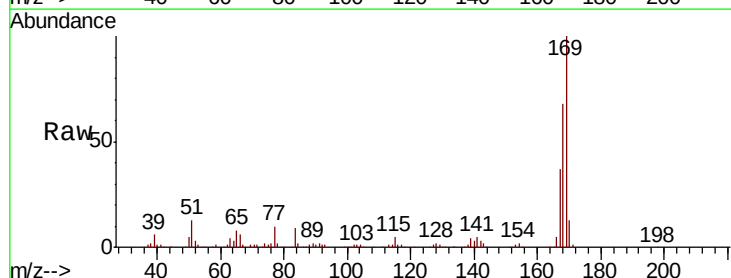
Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Tgt Ion:169 Resp: 277334

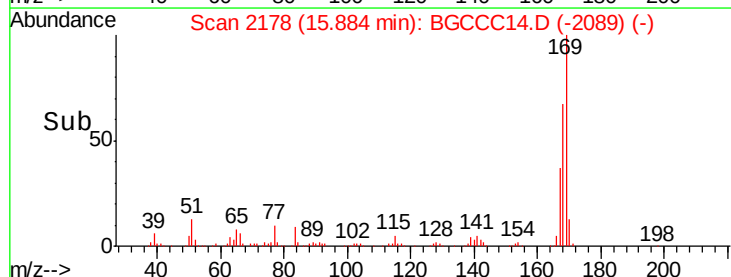
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.6  | 53.8  | 80.6  |
| 167 | 37.0  | 27.5  | 41.3  |



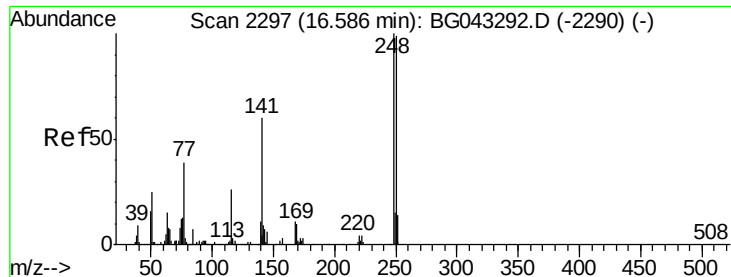
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



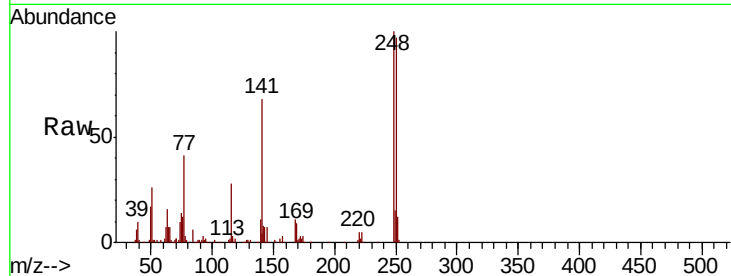
Time-->



#67  
 4-Bromophenyl-phenylether  
 Concen: 39.860 ng  
 RT: 16.56 min Scan# 2293  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.3  | 77.0  | 115.4 |
| 141     | 67.8  | 47.5  | 71.3  |

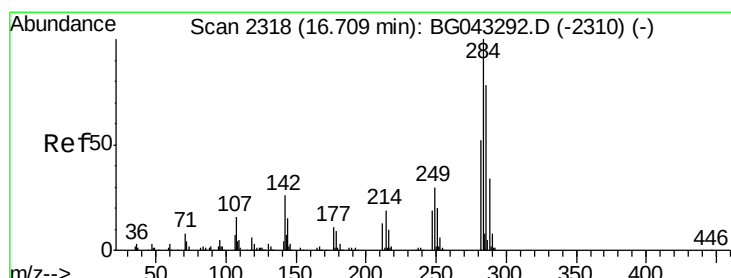
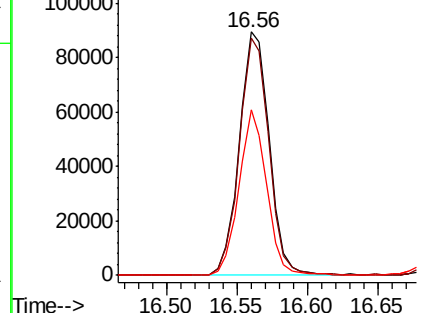
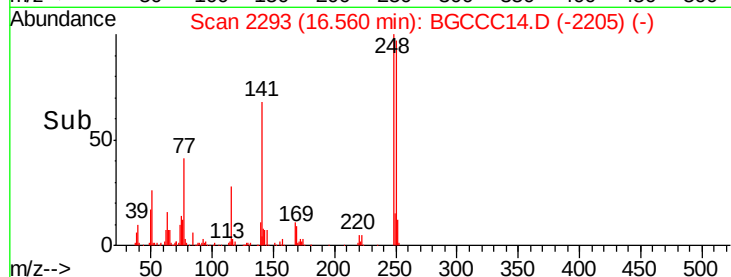


Abundance

Ion 248.00 (247.70 to 248.70): E

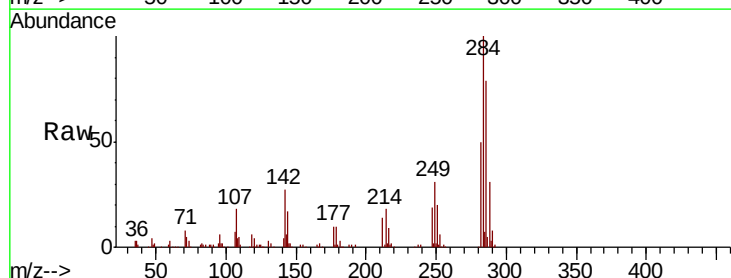
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 39.201 ng  
 RT: 16.68 min Scan# 2314  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.2  | 19.8  | 29.8  |
| 249     | 30.9  | 23.8  | 35.6  |

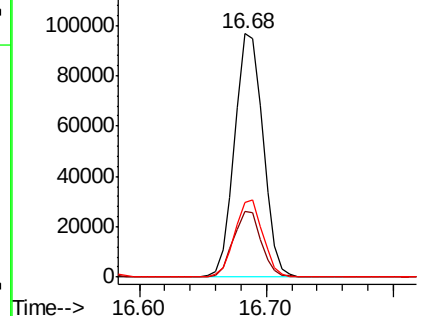
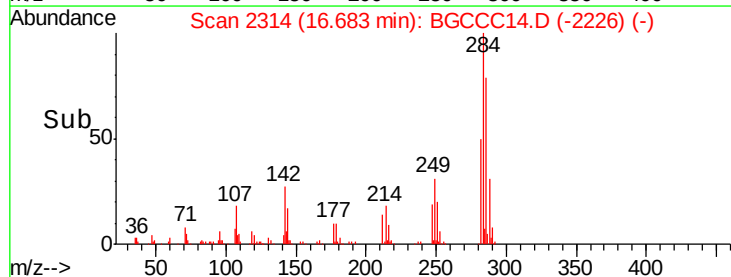


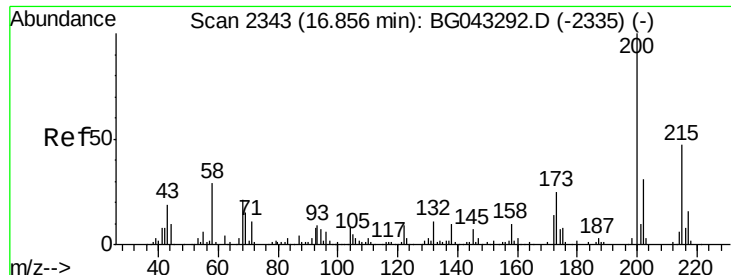
Abundance

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: 30.284 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

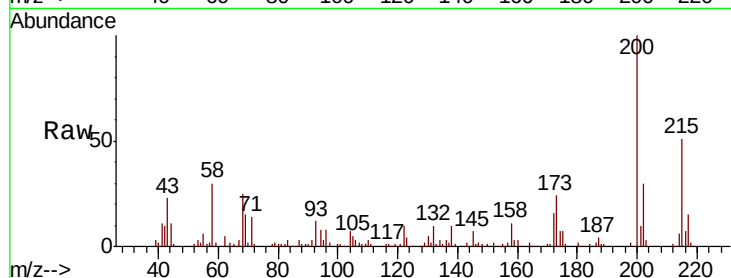
Tot Ion:200 Resp: 73187

Ion Ratio Lower Upper

200 100

173 24.5 4.7 44.7

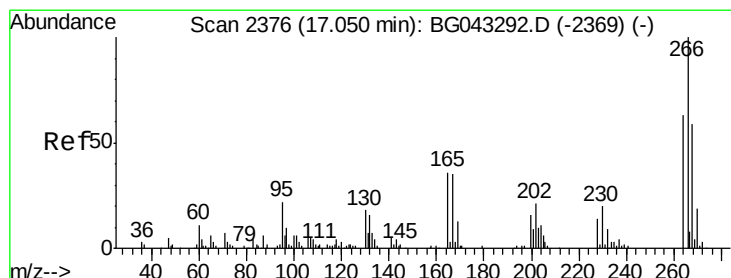
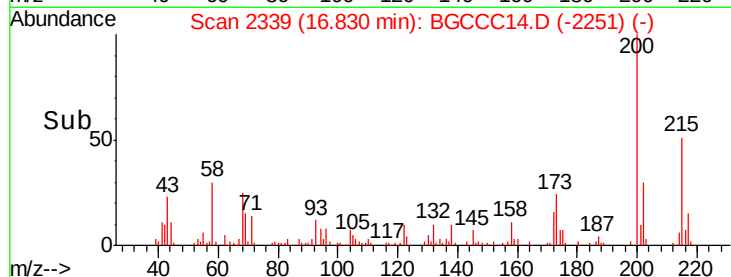
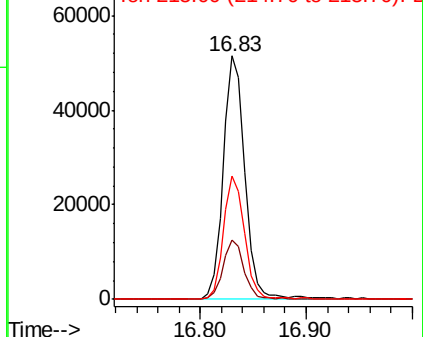
215 50.8 28.5 68.5



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: 27.069 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

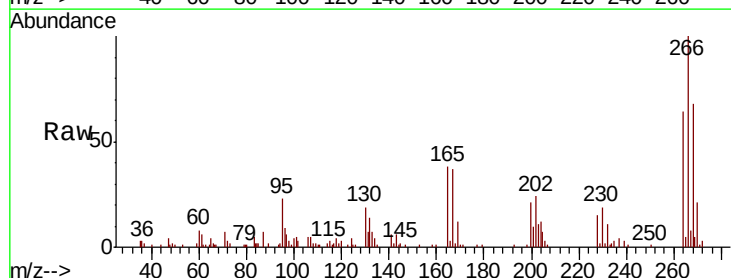
Tgt Ion:266 Resp: 46938

Ion Ratio Lower Upper

266 100

268 68.0 50.4 75.6

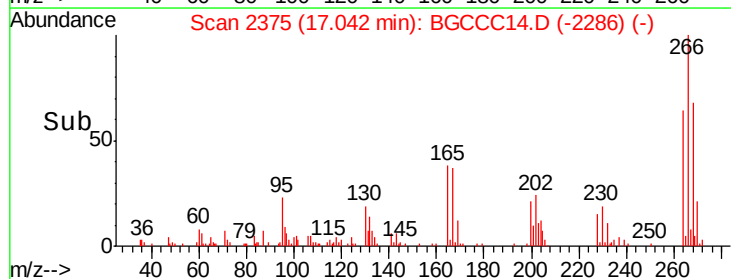
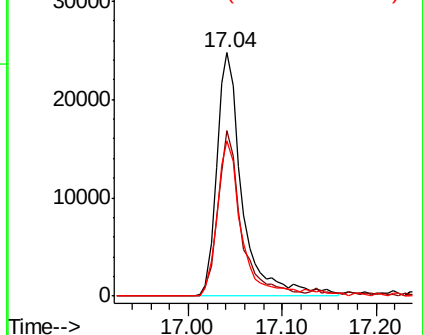
264 63.7 48.9 73.3

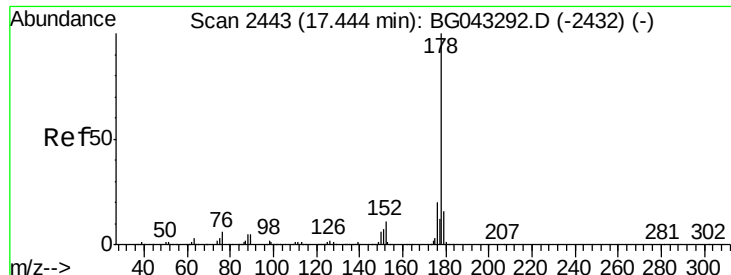


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

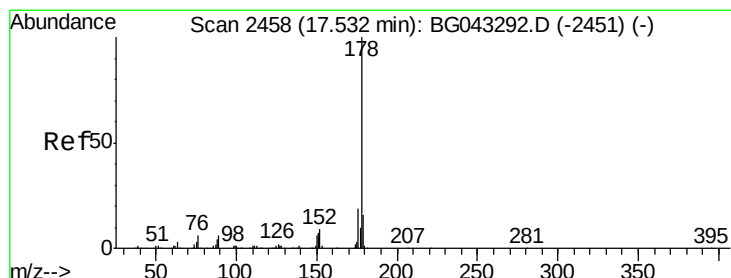
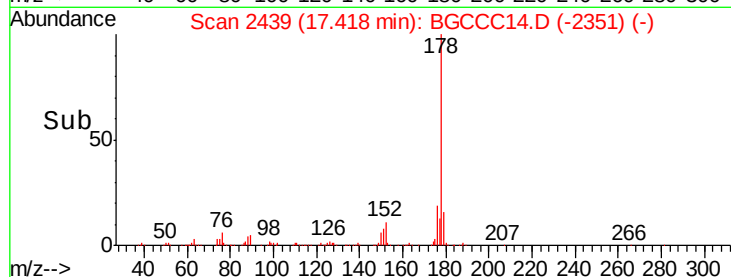
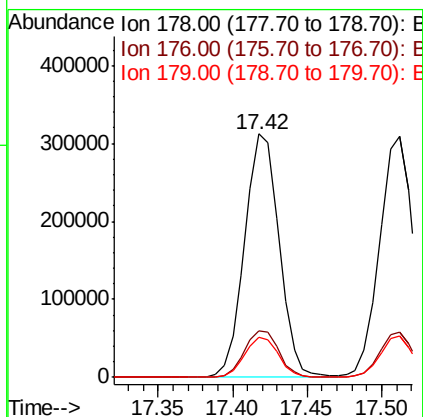
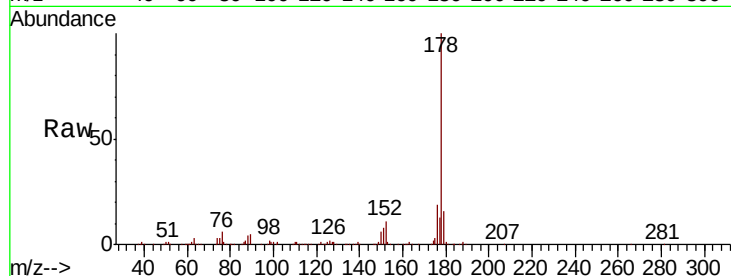




#71  
Phenanthrene  
Concen: 39.637 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

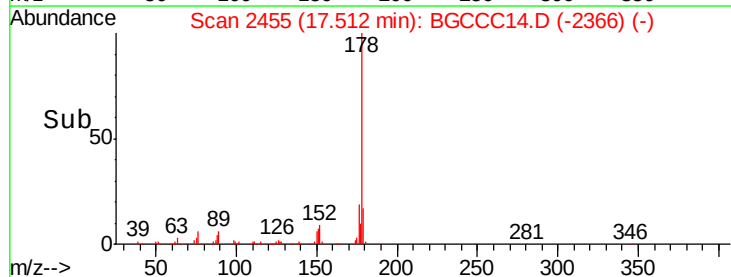
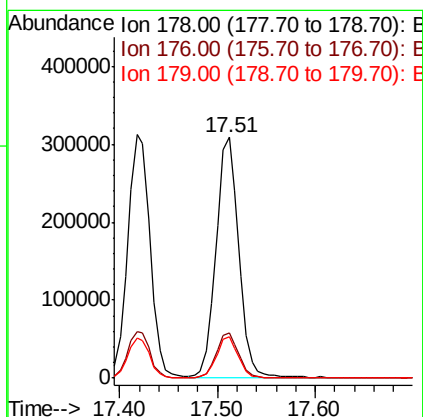
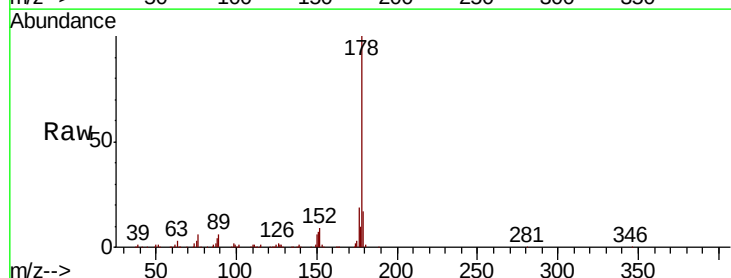
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.4  | 23.0  |
| 179     | 16.4  | 13.0  | 19.6  |

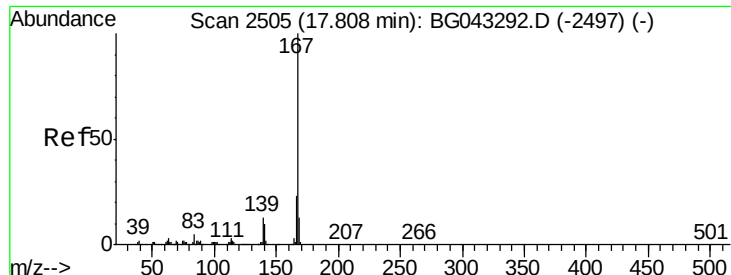


#72  
Anthracene  
Concen: 39.485 ng  
RT: 17.51 min Scan# 2455  
Delta R.T. -0.01 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.5  | 23.3  |
| 179     | 17.0  | 13.7  | 20.5  |



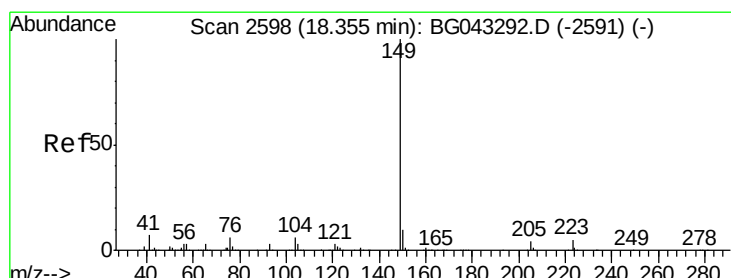
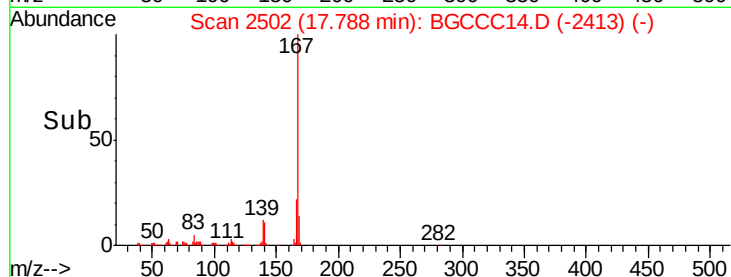
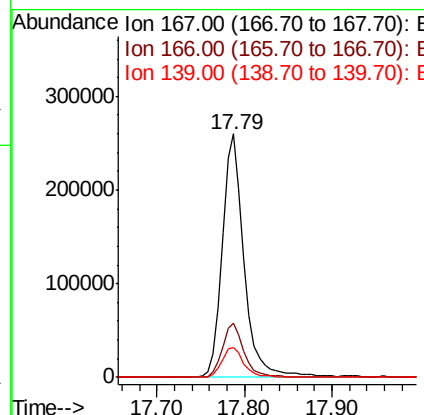
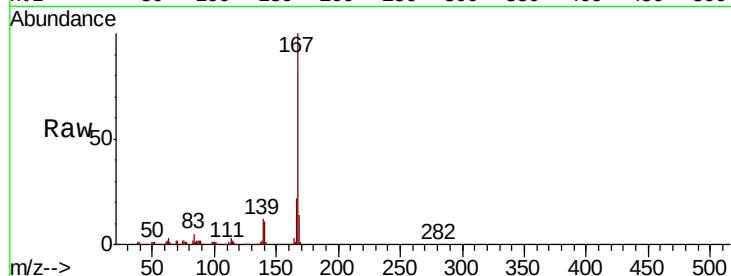




#73  
 Carbazole  
 Concen: 39.173 ng  
 RT: 17.79 min Scan# 2502  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

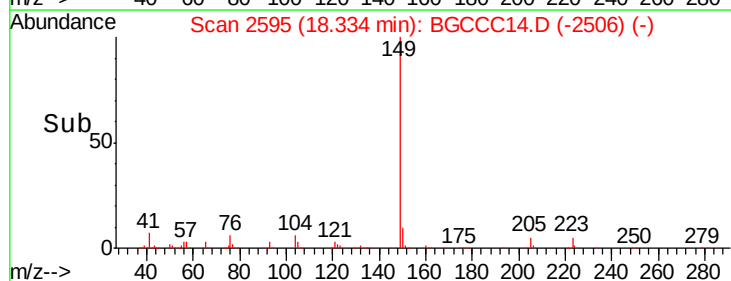
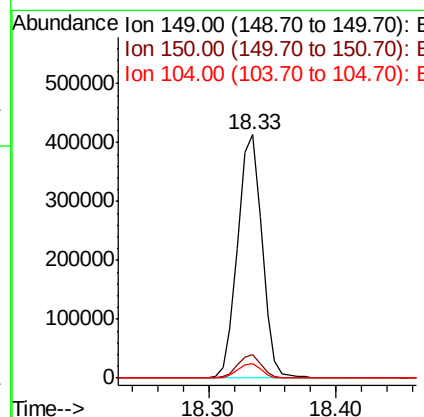
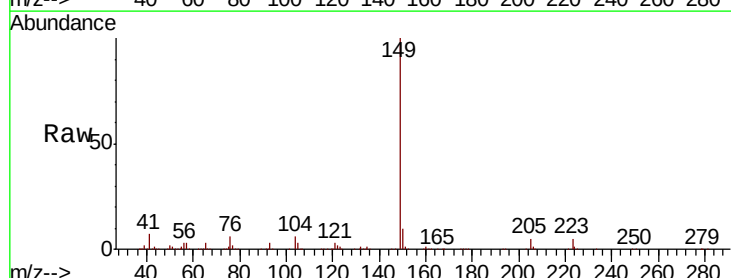
Instrument :  
 BNA\_G  
 ClientSampleId :

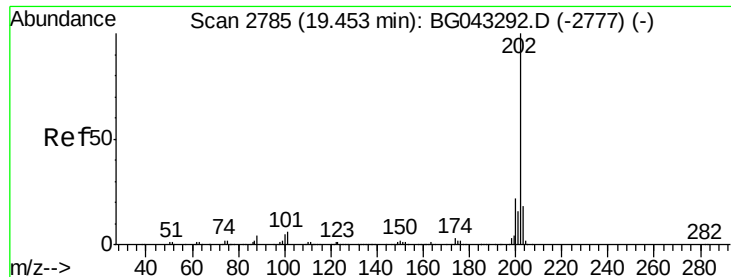
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 18.7  | 28.1  |
| 139     | 12.3  | 10.0  | 15.0  |



#74  
 Di-n-butylphthalate  
 Concen: 39.507 ng  
 RT: 18.33 min Scan# 2595  
 Delta R.T. -0.01 min  
 Lab File: BGCCC14.D  
 Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 8.0   | 12.0  |
| 104     | 5.8   | 4.4   | 6.6   |





#75

Fluoranthene

Concen: 38.549 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

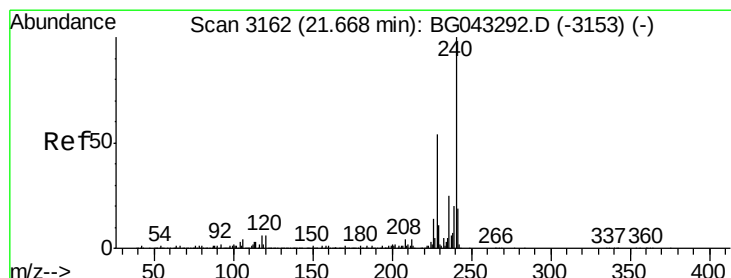
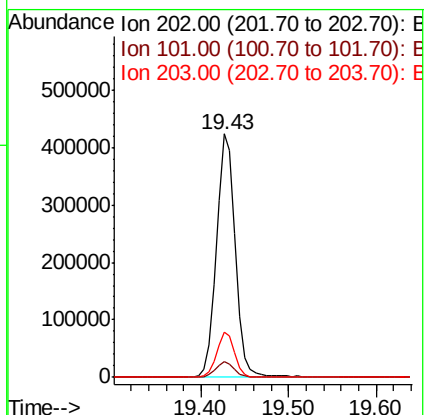
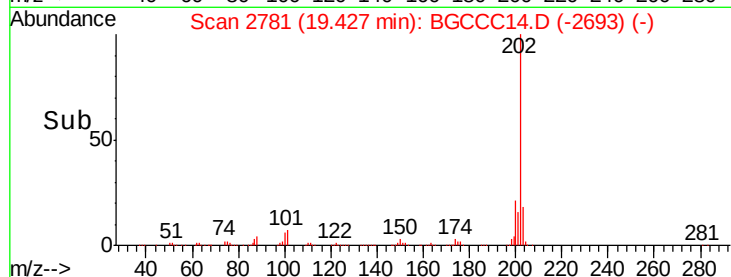
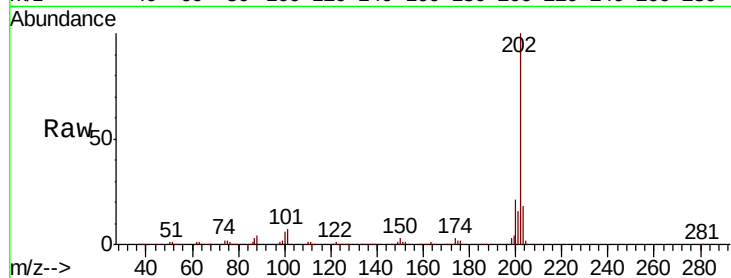
Tot Ion:202 Resp: 633969

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.3

203 18.3 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

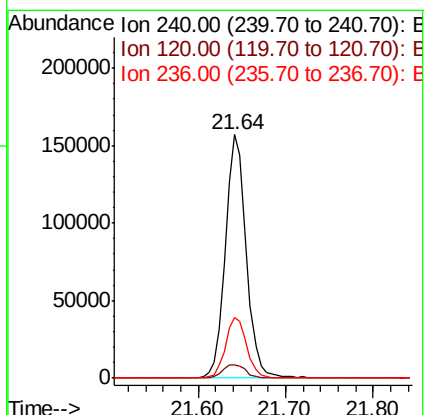
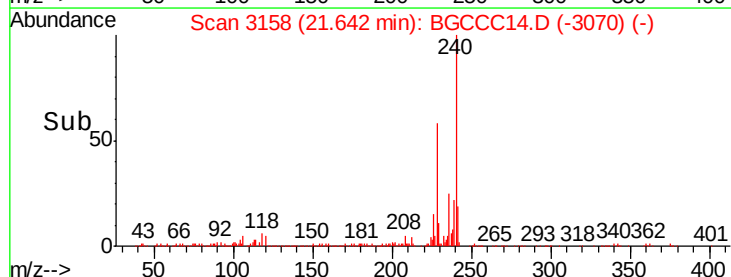
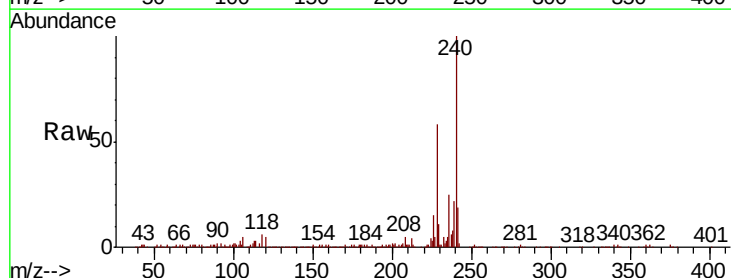
Tgt Ion:240 Resp: 257701

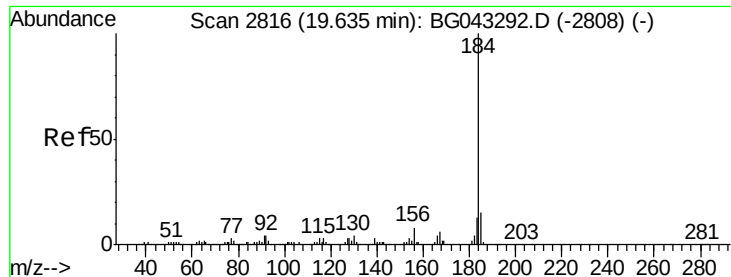
Ion Ratio Lower Upper

240 100

120 5.2 4.6 6.8

236 24.9 19.8 29.8





#77

Benzidine

Concen: 41.259 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

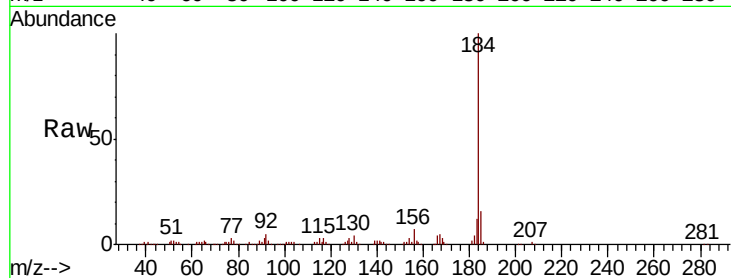
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 213981

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.6  | 11.0  | 16.4  |
| 183 | 12.2  | 10.0  | 15.0  |

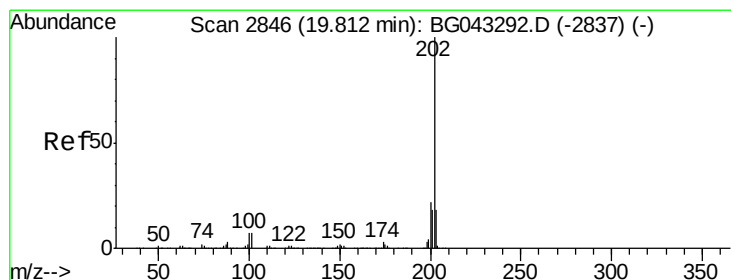
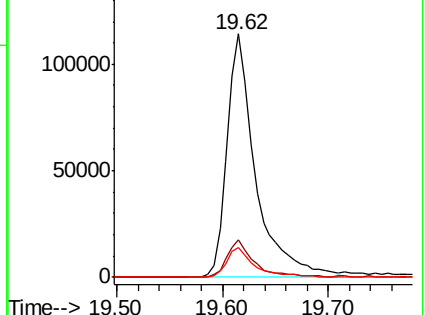
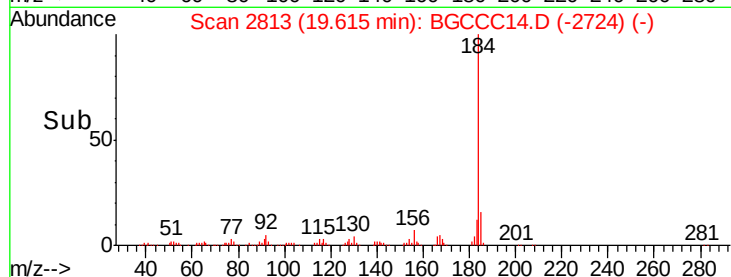


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.680 ng

RT: 19.79 min Scan# 2843

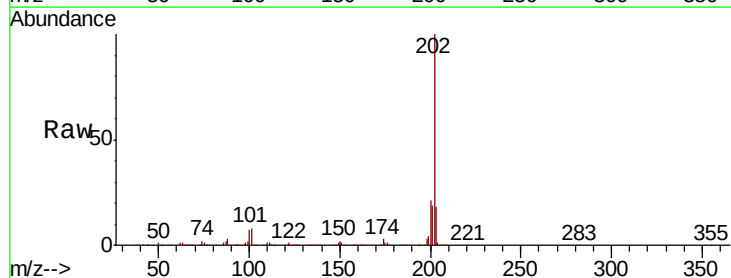
Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Tgt Ion:202 Resp: 648906

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.0  | 17.0  | 25.4  |
| 203 | 17.6  | 14.7  | 22.1  |

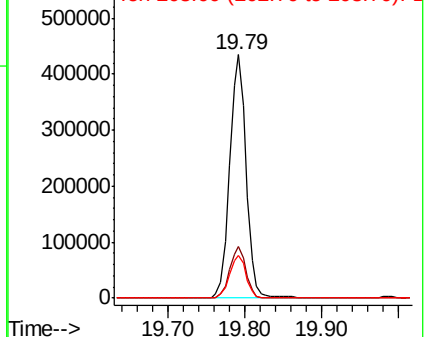
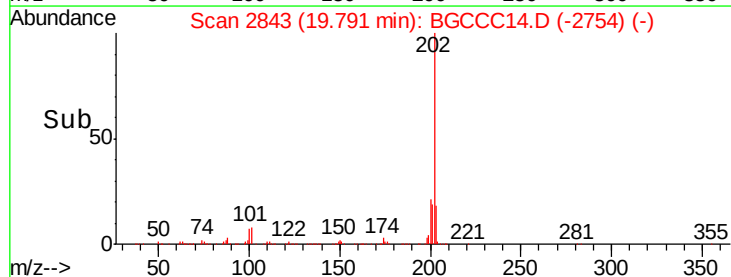


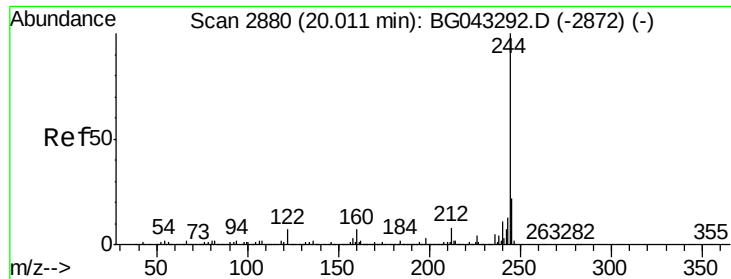
Abundance

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: 82.516 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

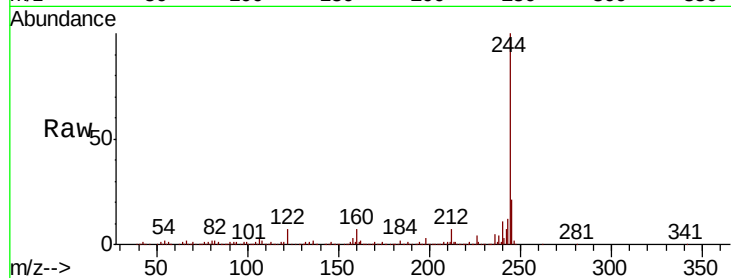
Tot Ion:244 Resp: 1133471

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

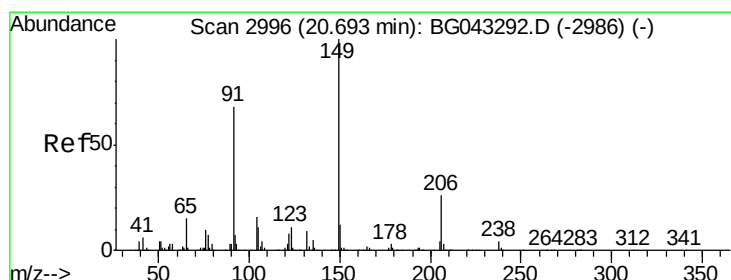
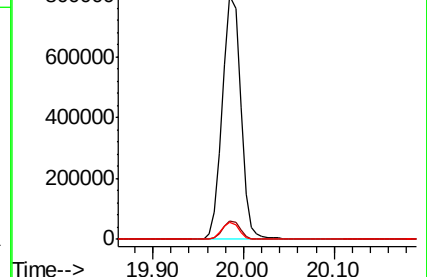
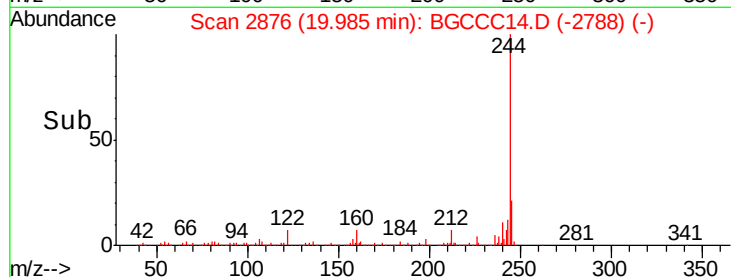
122 7.0 5.4 8.2



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: 41.718 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

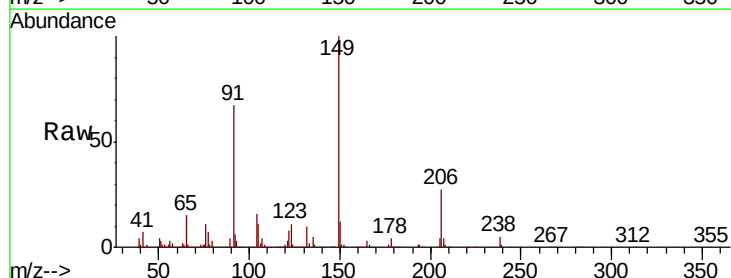
Tgt Ion:149 Resp: 252115

Ion Ratio Lower Upper

149 100

91 66.6 51.2 76.8

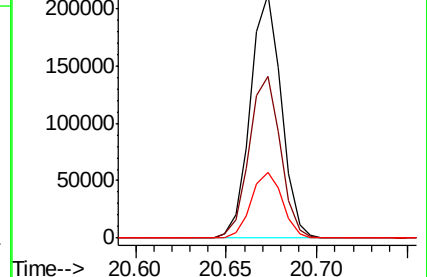
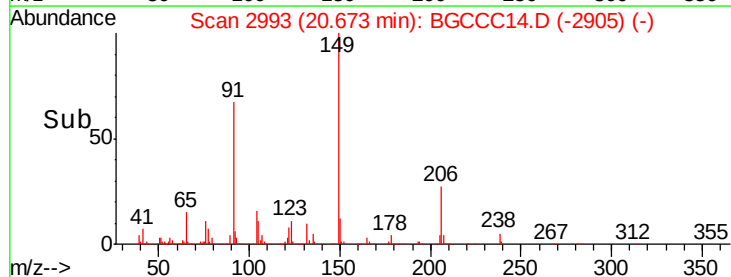
206 27.0 22.5 33.7

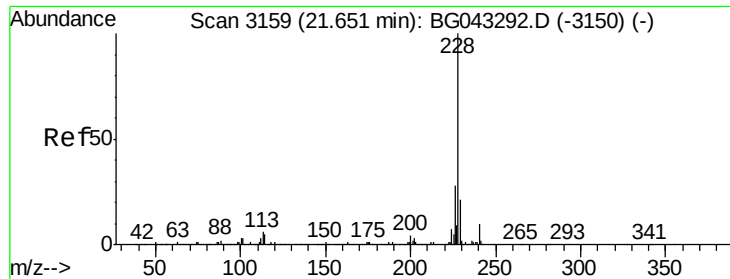


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.643 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

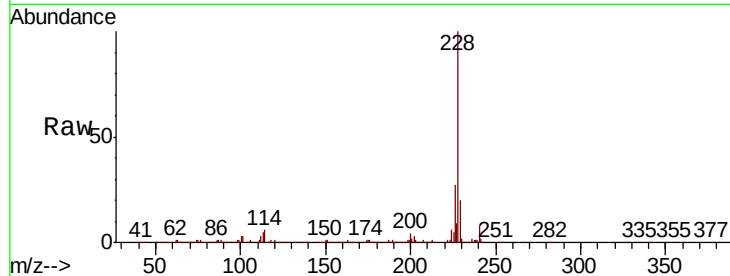
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 672213

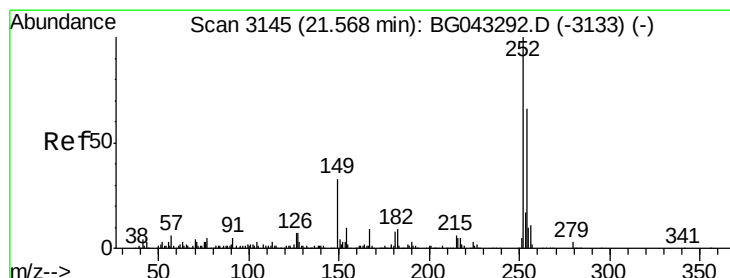
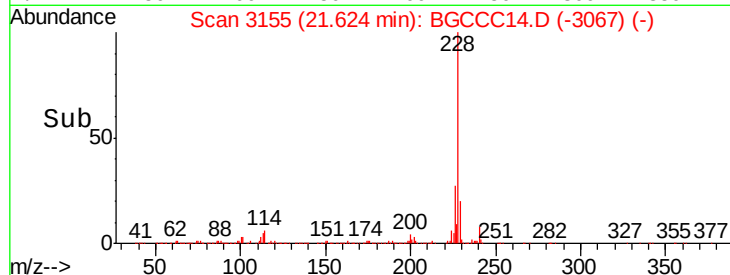
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.1  | 22.2  | 33.2  |
| 229 | 20.0  | 17.0  | 25.4  |



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: 43.697 ng

RT: 21.54 min Scan# 3141

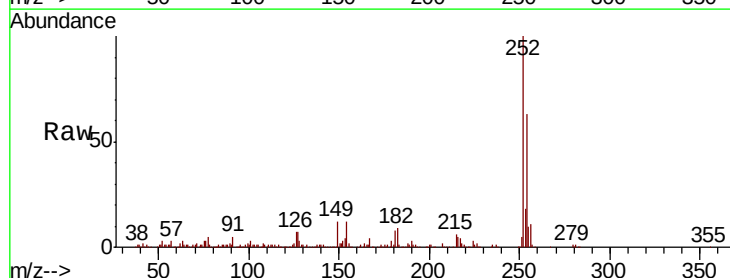
Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Tgt Ion:252 Resp: 272821

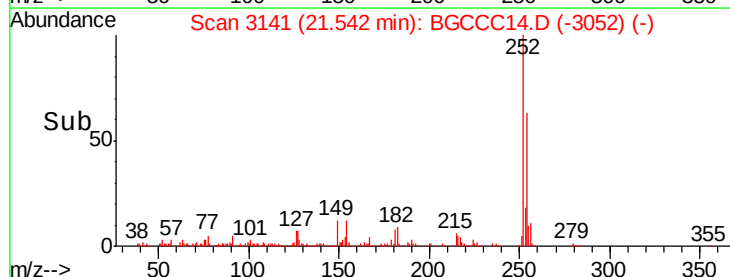
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.3  | 50.8  | 76.2  |
| 126 | 7.2   | 6.1   | 9.1   |

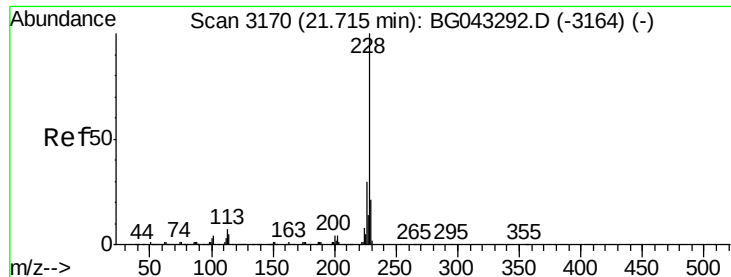


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.089 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

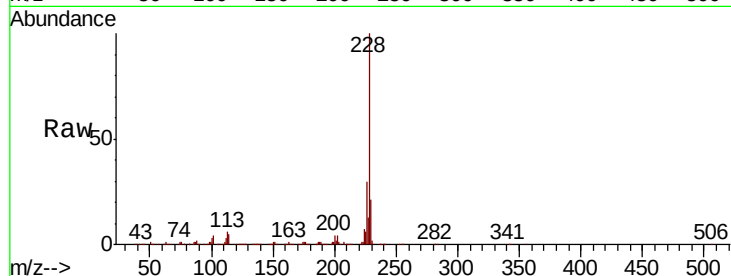
Tot Ion:228 Resp: 659009

Ion Ratio Lower Upper

228 100

226 30.3 25.1 37.7

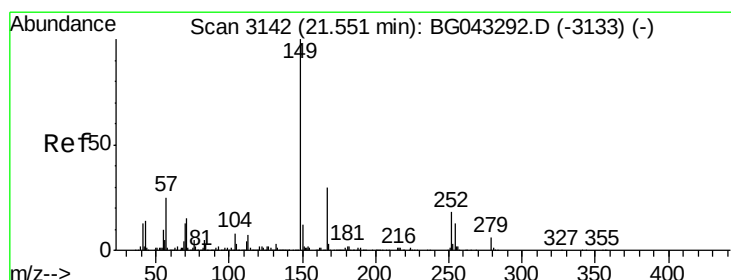
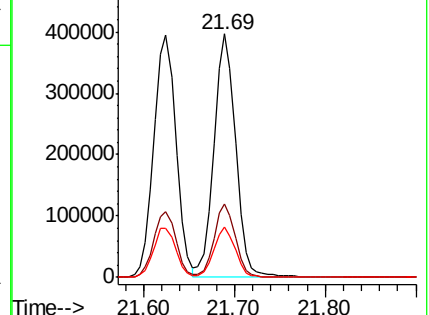
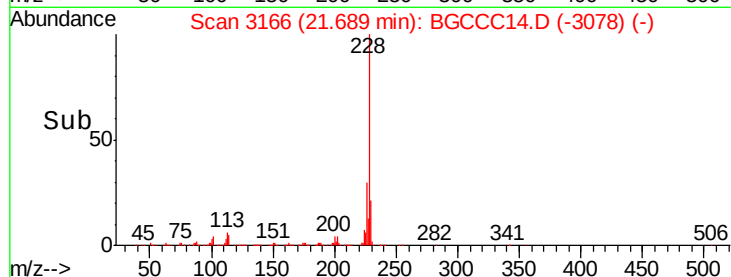
229 20.7 17.0 25.4



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: 42.617 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

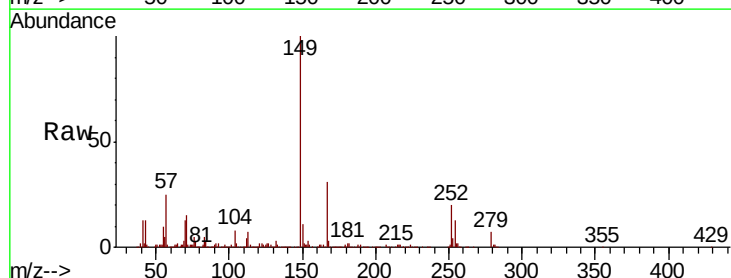
Tgt Ion:149 Resp: 365855

Ion Ratio Lower Upper

149 100

167 30.8 24.0 36.0

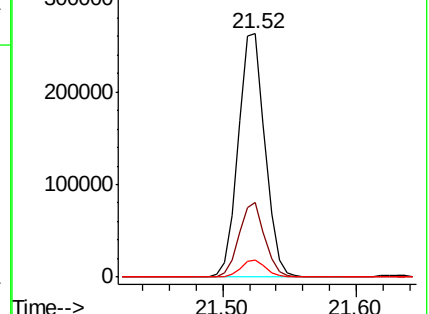
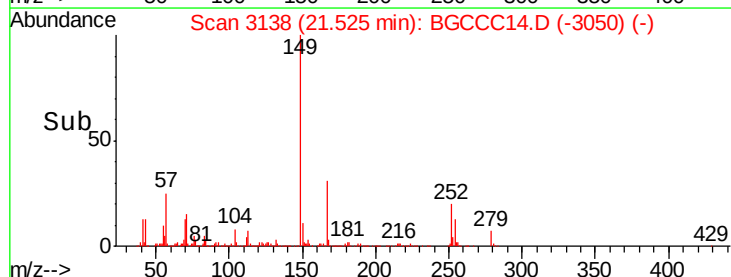
279 7.0 5.4 8.2

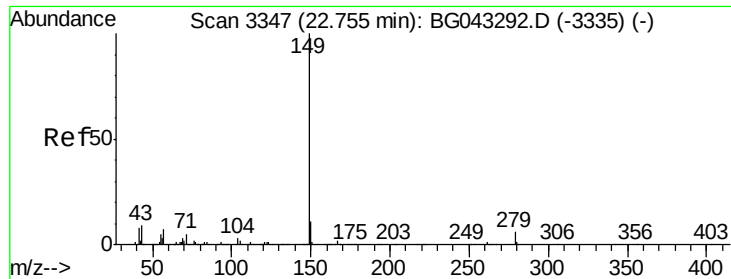


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.201 ng

RT: 22.72 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

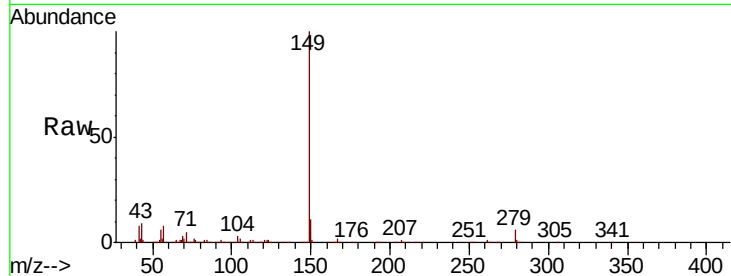
Tot Ion:149 Resp: 629204

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 9.1 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

500000

400000

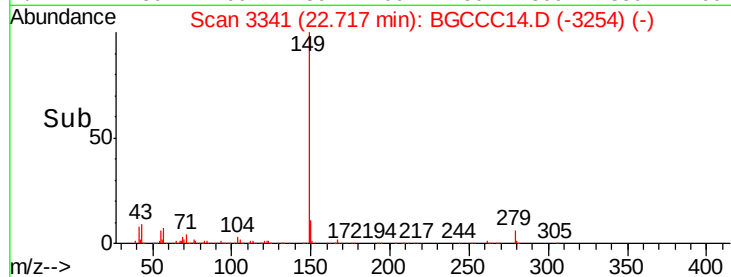
300000

200000

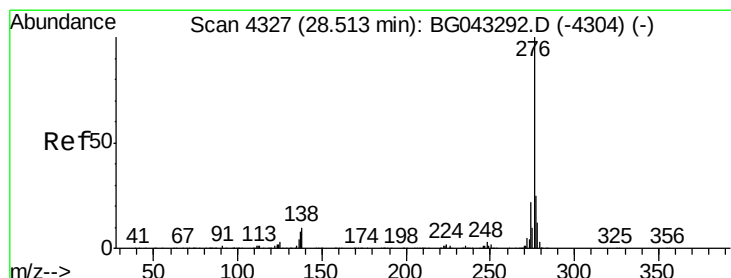
100000

0

22.60 22.70 22.80



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.781 ng

RT: 28.46 min Scan# 4318

Delta R.T. -0.04 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

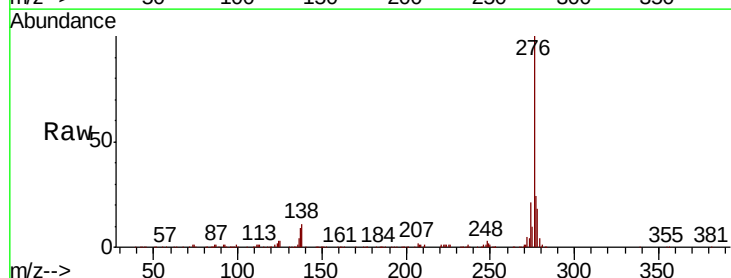
Tgt Ion:276 Resp: 861289

Ion Ratio Lower Upper

276 100

138 5.3 6.8 10.2#

277 25.9 20.9 31.3



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

200000

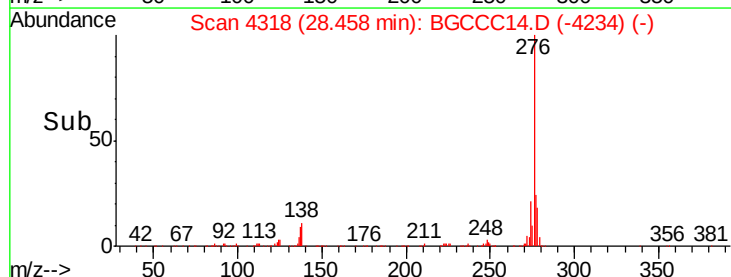
150000

100000

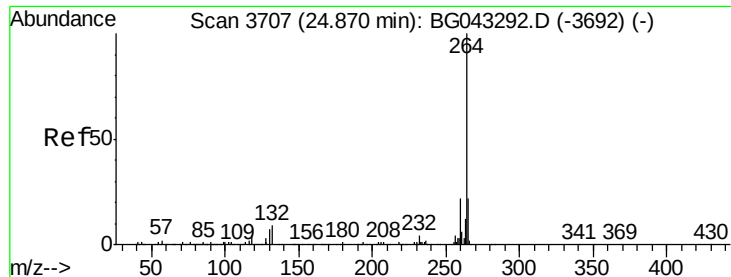
50000

0

28.20 28.40 28.60



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampled :

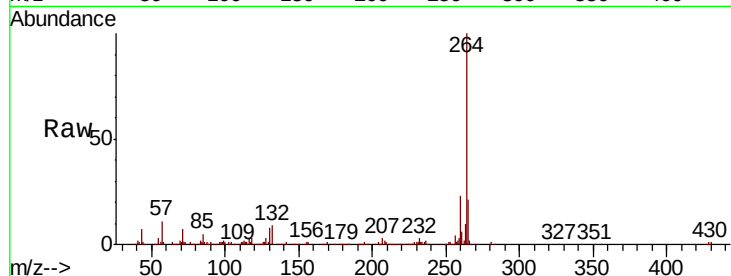
Tot Ion:264 Resp: 316530

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.3  | 17.5  | 26.3  |
| 265 | 21.5  | 17.4  | 26.0  |

264 100

260 23.3 17.5 26.3

265 21.5 17.4 26.0

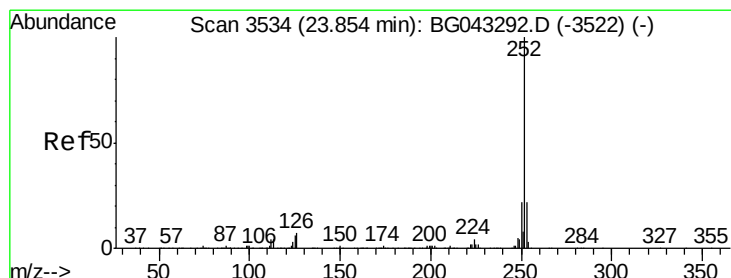
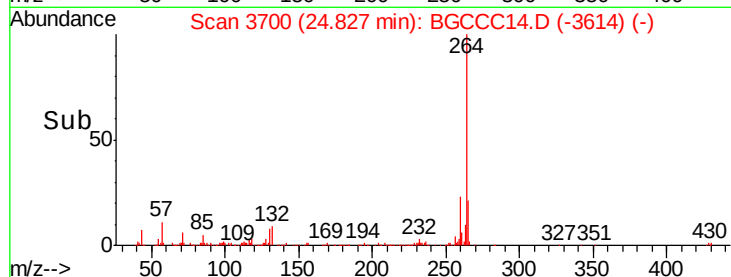
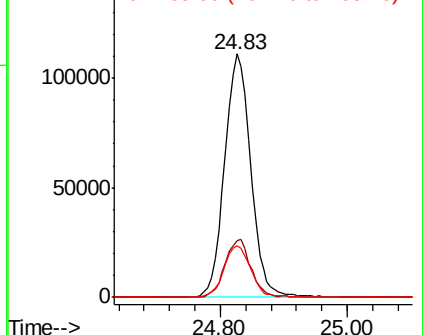


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.182 ng

RT: 23.82 min Scan# 3528

Delta R.T. -0.03 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

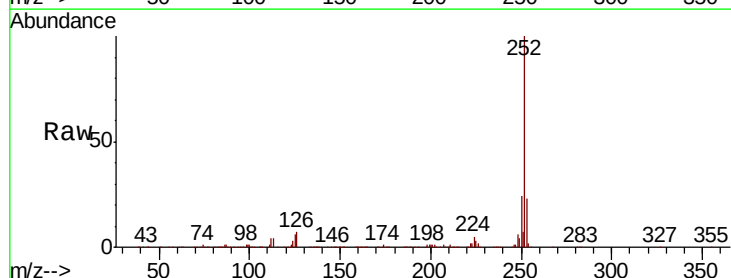
Tgt Ion:252 Resp: 720358

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.7  | 26.5  |
| 125 | 5.6   | 4.5   | 6.7   |

252 100

253 22.6 17.7 26.5

125 5.6 4.5 6.7

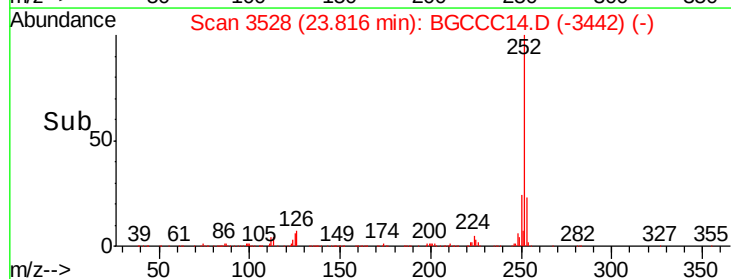
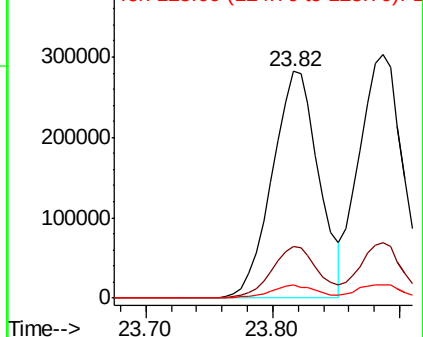


Abundance

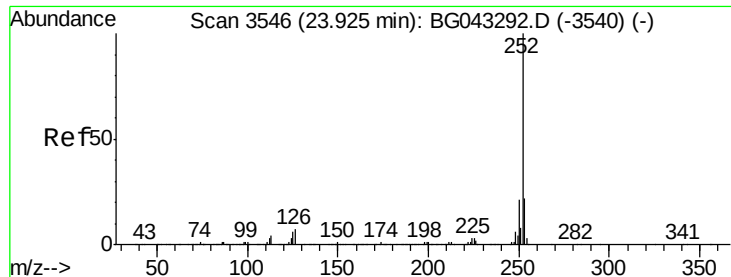
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



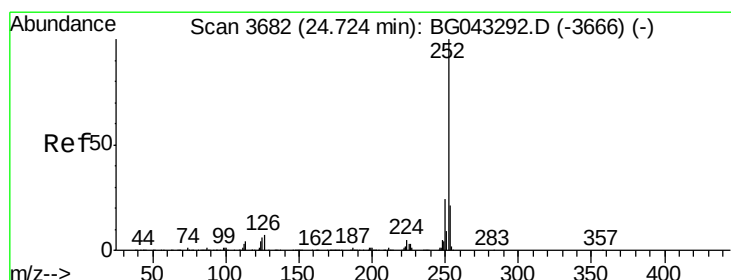
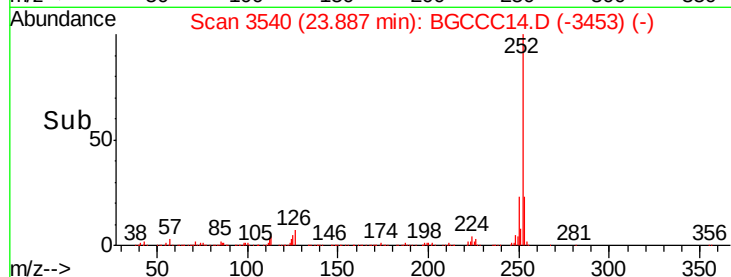
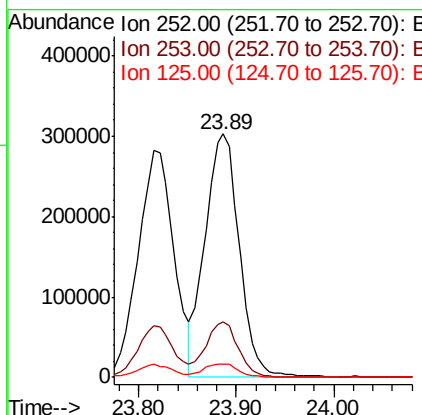
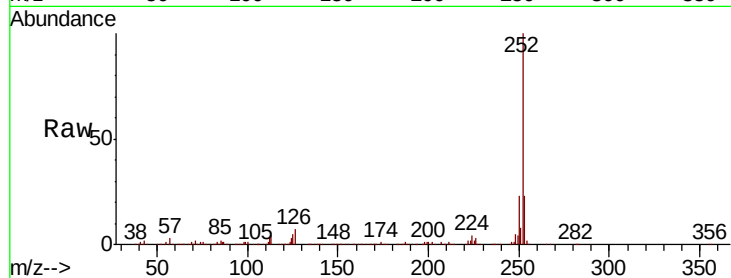




#89  
Benzo(k)fluoranthene  
Concen: 40.438 ng  
RT: 23.89 min Scan# 3540  
Delta R.T. -0.02 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

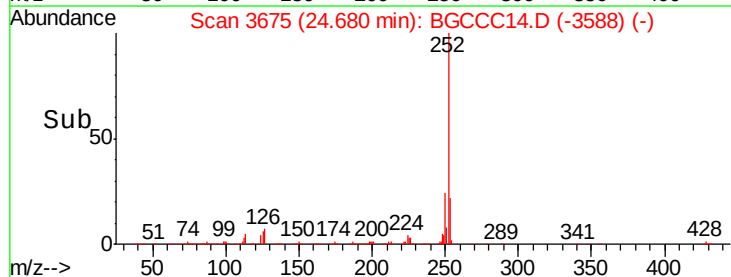
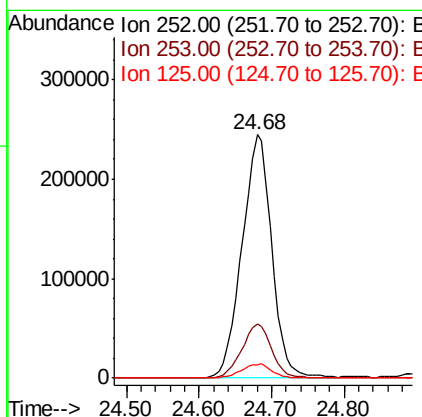
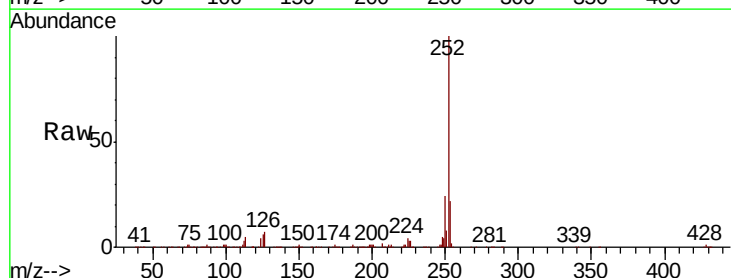
Instrument :  
BNA\_G  
ClientSampleId :

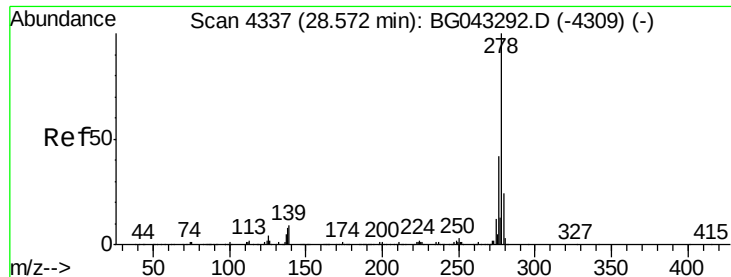
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.3  | 25.9  |
| 125     | 5.5   | 4.6   | 6.8   |



#90  
Benzo(a)pyrene  
Concen: 40.558 ng  
RT: 24.68 min Scan# 3675  
Delta R.T. -0.02 min  
Lab File: BGCCC14.D  
Acq: 13 Nov 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.8  | 26.8  |
| 125     | 5.6   | 5.4   | 8.2   |





#91

Dibenzo(a,h)anthracene

Concen: 40.779 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.04 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

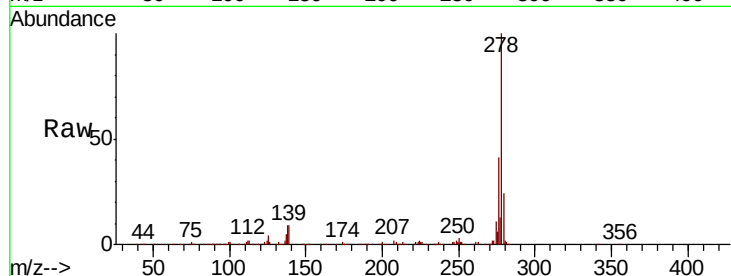
Tot Ion:278 Resp: 714060

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 9.4   | 7.4   | 11.0  |
| 279 | 23.8  | 19.1  | 28.7  |

278 100

139 9.4 7.4 11.0

279 23.8 19.1 28.7

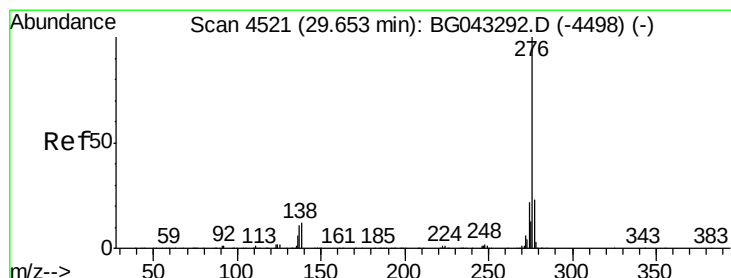
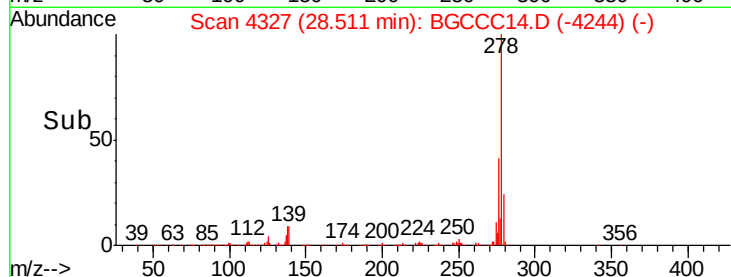
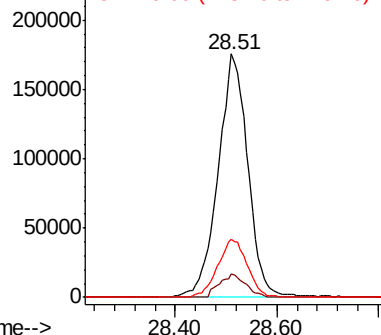


Abundance

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: 40.099 ng

RT: 29.59 min Scan# 4511

Delta R.T. -0.04 min

Lab File: BGCCC14.D

Acq: 13 Nov 2019 15:22

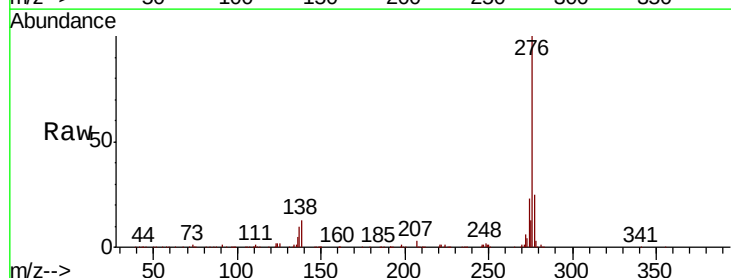
Tgt Ion:276 Resp: 692607

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.9  | 18.9  | 28.3  |
| 138 | 12.7  | 8.9   | 13.3  |

276 100

277 24.9 18.9 28.3

138 12.7 8.9 13.3



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

