

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\  
 Data File : BG044486.D  
 Acq On : 19 Feb 2020 11:30  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 19 22:24:07 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 10 16:11:50 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.89  | 152  | 65335    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.69 | 136  | 264822   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.53 | 164  | 166606   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.28 | 188  | 370604   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.52 | 240  | 361861   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.60 | 264  | 396083   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 315408  | 85.20 | ng | -0.01 |
| 7) Phenol-d6             | 7.06  | 99  | 426388  | 85.77 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.04  | 82  | 384112  | 81.89 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.02 | 330 | 169971  | 86.90 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.15 | 172 | 870816  | 87.53 | ng | -0.01 |
| 79) Terphenyl-d14        | 19.89 | 244 | 1344624 | 76.43 | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.35  | 88  | 68444  | 41.149 | ng | 99     |
| 3) Pyridine                    | 3.75  | 79  | 193416 | 43.647 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.66  | 42  | 73136  | 39.495 | ng | 97     |
| 6) Aniline                     | 7.21  | 93  | 256785 | 41.614 | ng | 98     |
| 8) 2-Chlorophenol              | 7.46  | 128 | 169102 | 41.562 | ng | 99     |
| 9) Benzaldehyde                | 7.02  | 77  | 110814 | 39.139 | ng | 96     |
| 10) Phenol                     | 7.09  | 94  | 209298 | 42.541 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.31  | 93  | 168751 | 40.120 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.78  | 146 | 202888 | 41.765 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.93  | 146 | 201965 | 41.977 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.25  | 146 | 191813 | 42.178 | ng | 99     |
| 15) Benzyl Alcohol             | 8.13  | 79  | 145204 | 41.257 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.43  | 45  | 233807 | 41.069 | ng | 99     |
| 17) 2-Methylphenol             | 8.34  | 107 | 147873 | 42.126 | ng | 99     |
| 18) Hexachloroethane           | 8.97  | 117 | 73888  | 40.924 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.70  | 70  | 132898 | 40.113 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.67  | 107 | 200957 | 41.540 | ng | 98     |
| 22) Acetophenone               | 8.71  | 105 | 262675 | 40.773 | ng | 98     |
| 24) Nitrobenzene               | 9.09  | 77  | 185784 | 40.570 | ng | 99     |
| 25) Isophorone                 | 9.61  | 82  | 353128 | 40.390 | ng | 99     |
| 26) 2-Nitrophenol              | 9.80  | 139 | 102678 | 43.212 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.87  | 122 | 138513 | 41.295 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.10 | 93  | 235288 | 40.342 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.34 | 162 | 169434 | 41.776 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 10.56 | 180 | 195236 | 41.981 | ng | 98     |
| 31) Naphthalene                | 10.74 | 128 | 542006 | 42.185 | ng | 99     |
| 32) Benzoic acid               | 10.03 | 122 | 57594  | 32.543 | ng | 95     |
| 33) 4-Chloroaniline            | 10.85 | 127 | 242965 | 41.579 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.04 | 225 | 118768 | 41.504 | ng | 99     |
| 35) Caprolactam                | 11.62 | 113 | 62043  | 41.760 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 11.98 | 107 | 174524 | 41.042 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.35 | 142 | 397967 | 41.717 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.57 | 142 | 373361 | 41.513 | ng | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.73 | 216 | 213377 | 42.815 | ng | 100    |

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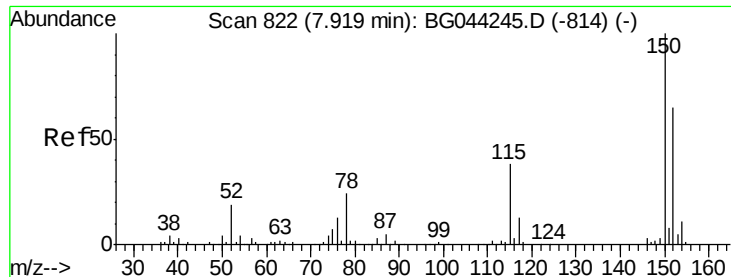
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 19 22:24:07 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 10 16:11:50 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.71 | 237  | 85136    | 35.602 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.97 | 196  | 138921   | 43.125 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.05 | 196  | 140005   | 42.551 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.36 | 154  | 514580   | 42.819 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.40 | 162  | 403981   | 42.245 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.60 | 65   | 117578   | 41.662 | ng    | 97       |
| 49) Acenaphthylene             | 14.25 | 152  | 606709   | 43.255 | ng    | 98       |
| 50) Dimethylphthalate          | 13.99 | 163  | 504051   | 42.088 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.10 | 165  | 112538   | 42.145 | ng    | 97       |
| 52) Acenaphthene               | 14.60 | 154  | 383575   | 42.191 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.43 | 138  | 127104   | 43.024 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.64 | 184  | 56410    | 39.879 | ng    | 98       |
| 55) Dibenzofuran               | 14.93 | 168  | 588827   | 42.778 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.76 | 139  | 92739    | 42.855 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.90 | 165  | 158867   | 42.448 | ng    | 97       |
| 58) Fluorene                   | 15.58 | 166  | 470410   | 43.390 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.16 | 232  | 124450   | 41.874 | ng    | 99       |
| 60) Diethylphthalate           | 15.35 | 149  | 507496   | 42.528 | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.57 | 204  | 246124   | 41.869 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.60 | 138  | 131161   | 44.431 | ng    | 98       |
| 63) Azobenzene                 | 15.87 | 77   | 434528   | 41.547 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.67 | 198  | 84608    | 41.358 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.79 | 169  | 431101   | 41.508 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.47 | 248  | 166286   | 41.184 | ng    | 100      |
| 68) Hexachlorobenzene          | 16.59 | 284  | 188028   | 41.566 | ng    | 100      |
| 69) Atrazine                   | 16.74 | 200  | 138267   | 38.841 | ng    | 100      |
| 70) Pentachlorophenol          | 16.94 | 266  | 86409    | 39.433 | ng    | 99       |
| 71) Phenanthrene               | 17.32 | 178  | 774238   | 43.143 | ng    | 98       |
| 72) Anthracene                 | 17.41 | 178  | 760749   | 42.877 | ng    | 97       |
| 73) Carbazole                  | 17.68 | 167  | 713983   | 43.651 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.25 | 149  | 900320   | 44.542 | ng    | 98       |
| 75) Fluoranthene               | 19.33 | 202  | 916186   | 44.132 | ng    | 98       |
| 77) Benzidine                  | 19.51 | 184  | 415887   | 41.435 | ng    | 98       |
| 78) Pyrene                     | 19.69 | 202  | 928061   | 39.936 | ng    | 97       |
| 80) Butylbenzylphthalate       | 20.58 | 149  | 426991   | 40.320 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.50 | 228  | 903130   | 40.496 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.42 | 252  | 353290   | 40.816 | ng    | 99       |
| 83) Chrysene                   | 21.57 | 228  | 873379   | 40.515 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.42 | 149  | 587516   | 40.306 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.58 | 149  | 1055802  | 41.863 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.10 | 276  | 1129668  | 40.167 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 23.63 | 252  | 976231   | 42.773 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.69 | 252  | 945867   | 42.521 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.46 | 252  | 917095   | 42.498 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.15 | 278  | 921393   | 43.143 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 29.19 | 276  | 913025   | 42.706 | ng    | 100      |

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



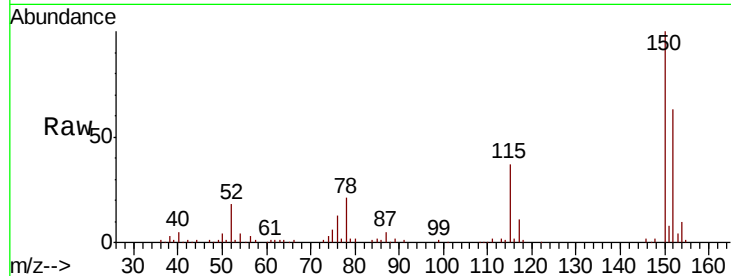


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.89 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.9 | 122.6 | 183.8 |
| 115     | 58.5  | 46.0  | 69.0  |

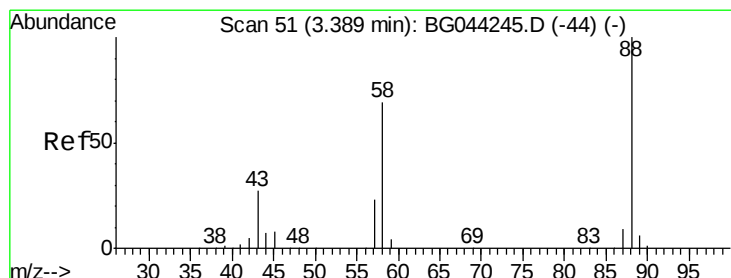
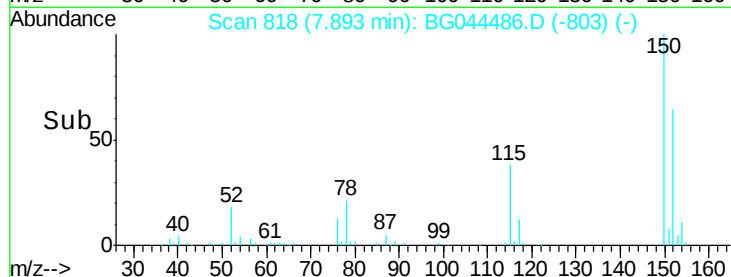
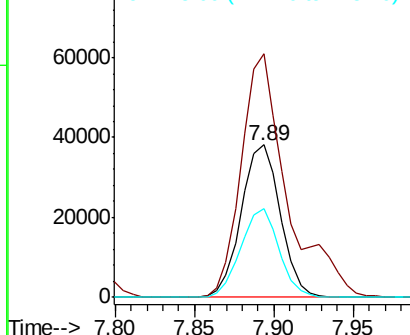


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

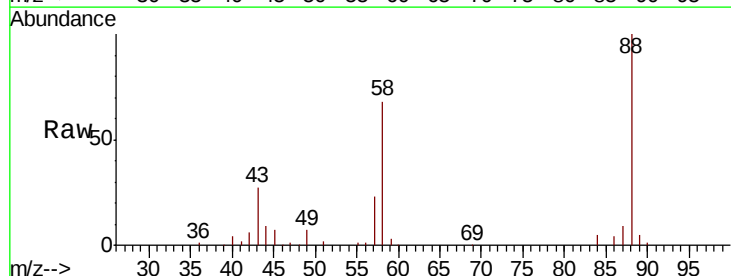
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 41.149 ng  
RT: 3.35 min Scan# 45  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.4  | 55.8  | 83.6  |
| 43      | 26.7  | 21.6  | 32.4  |

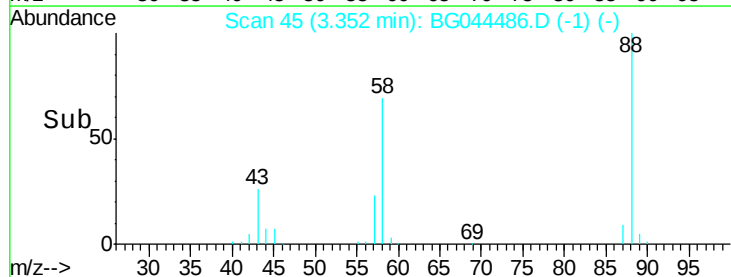
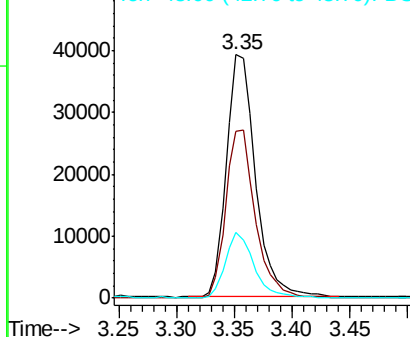


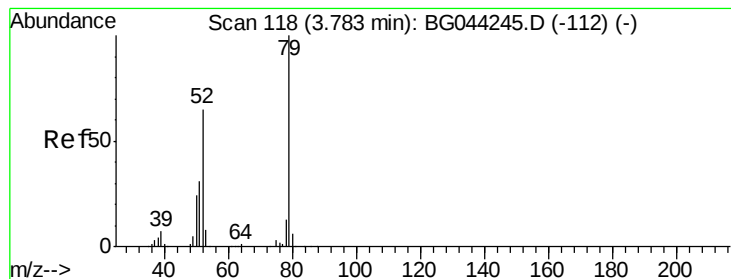
Abundance

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: 43.647 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

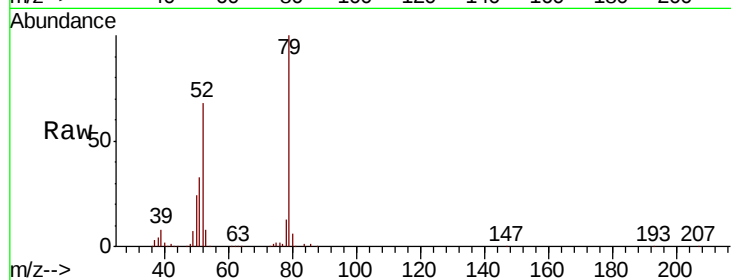
Tot Ion: 79 Resp: 193416

Ion Ratio Lower Upper

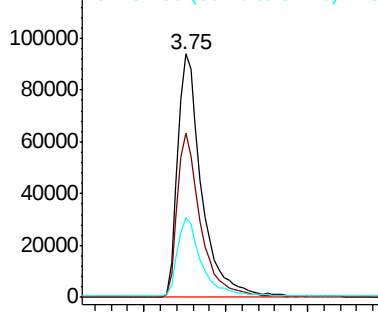
79 100

52 67.7 51.9 77.9

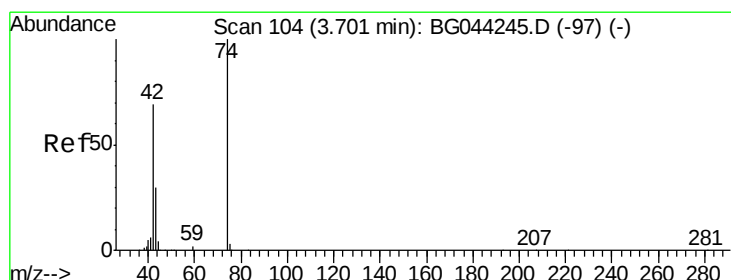
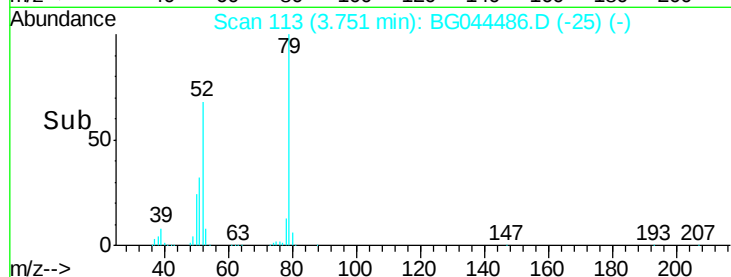
51 32.8 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 39.495 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

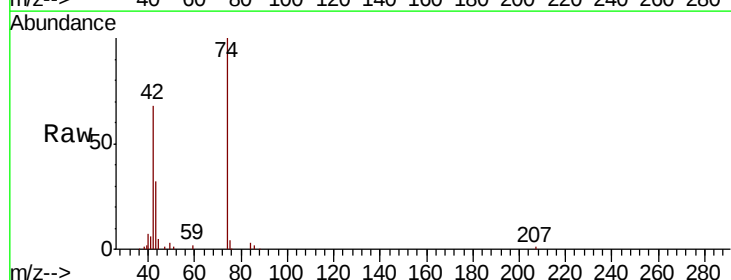
Tgt Ion: 42 Resp: 73136

Ion Ratio Lower Upper

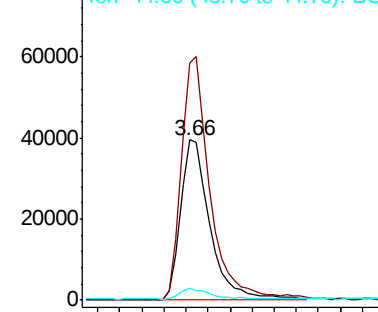
42 100

74 148.1 115.1 172.7

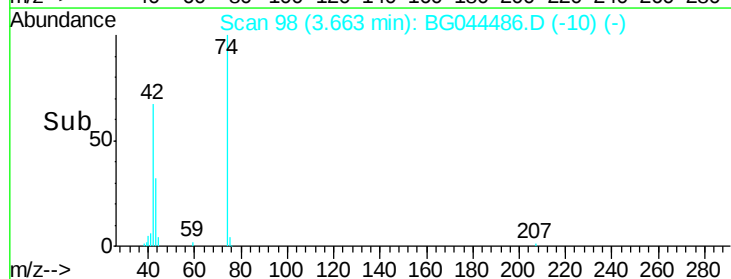
44 7.3 5.6 8.4

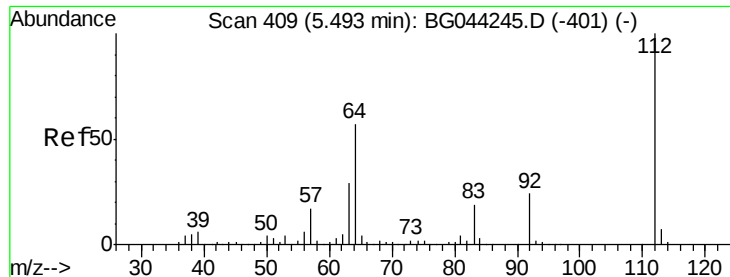


Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 85.199 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

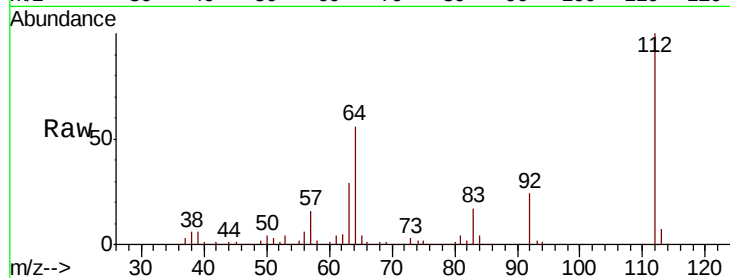
Tot Ion: 112 Resp: 315408

Ion Ratio Lower Upper

112 100

64 56.3 45.4 68.2

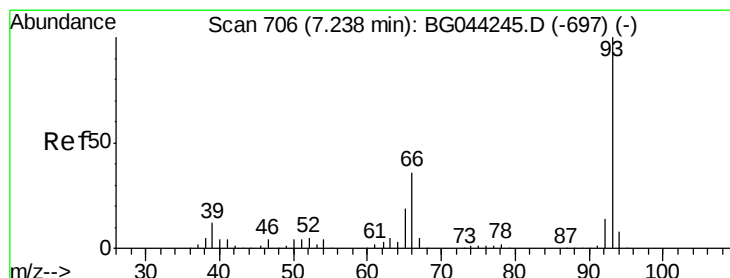
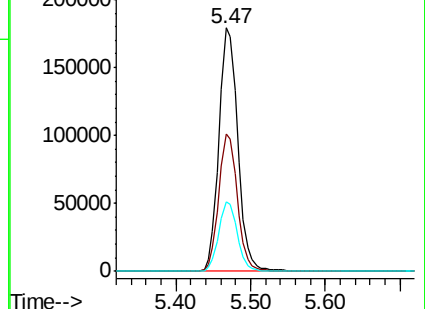
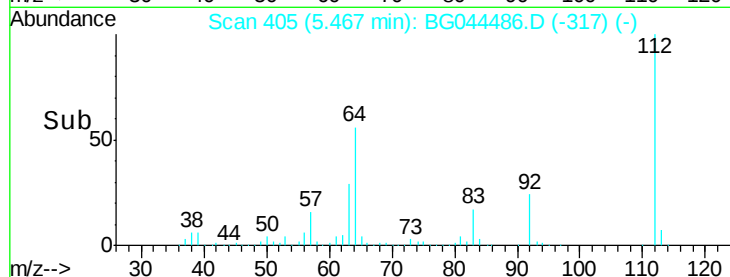
63 28.6 22.9 34.3



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: 41.614 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

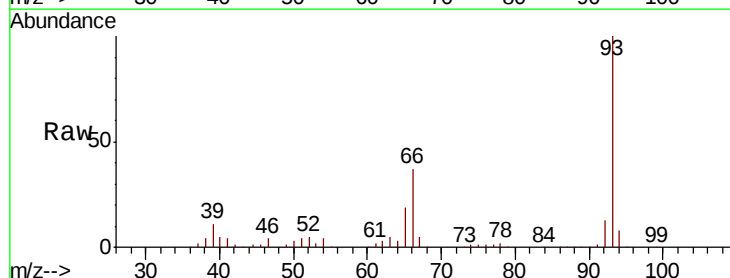
Tgt Ion: 93 Resp: 256785

Ion Ratio Lower Upper

93 100

66 37.1 28.7 43.1

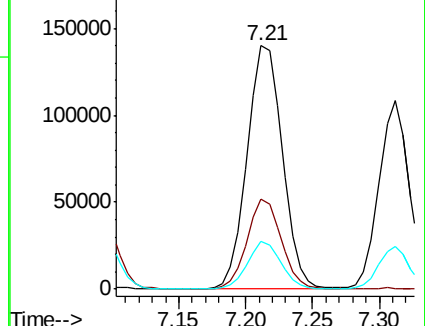
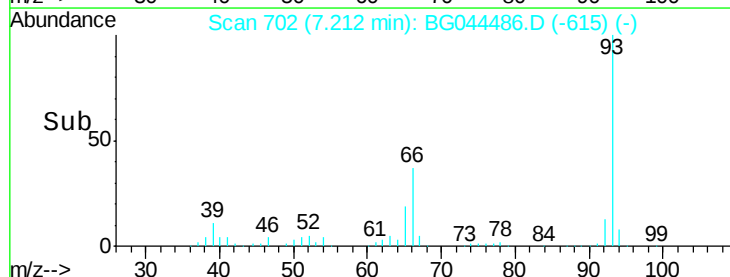
65 19.4 15.4 23.0

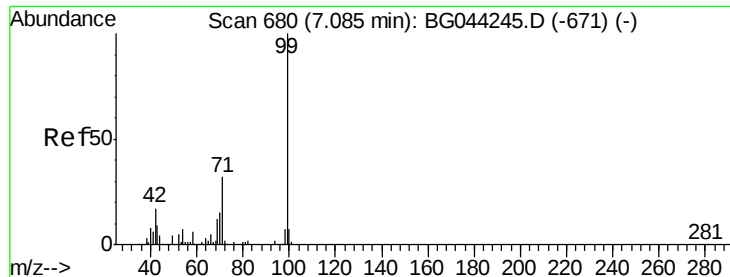


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.770 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

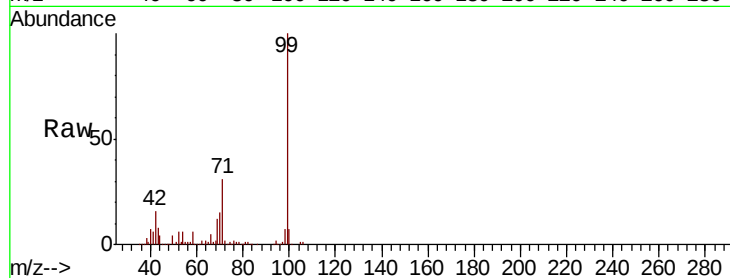
Tot Ion: 99 Resp: 426388

Ion Ratio Lower Upper

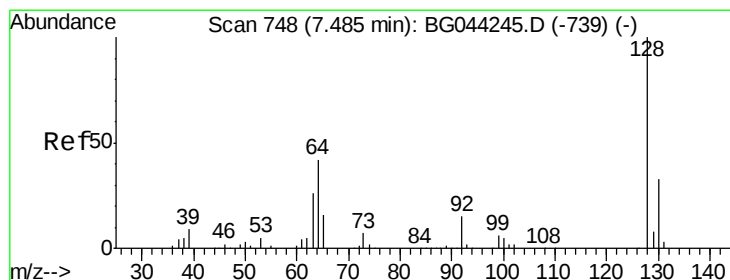
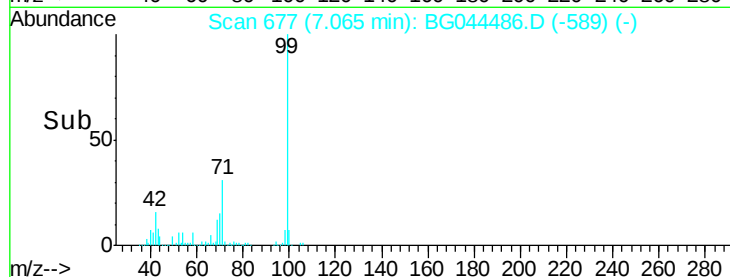
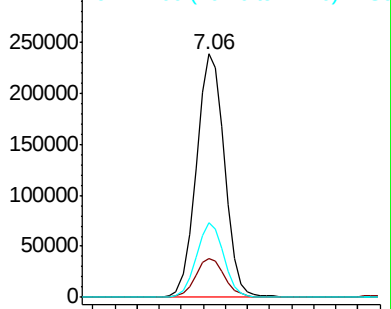
99 100

42 15.9 13.8 20.6

71 30.6 25.5 38.3



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: 41.562 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

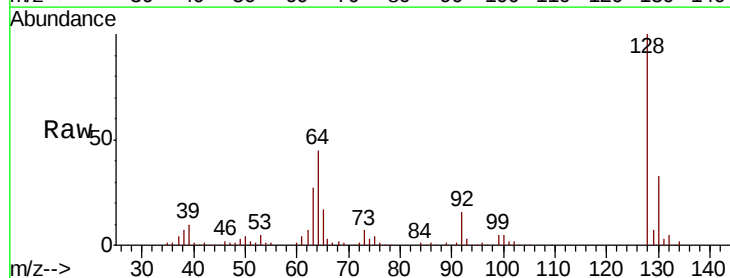
Tgt Ion: 128 Resp: 169102

Ion Ratio Lower Upper

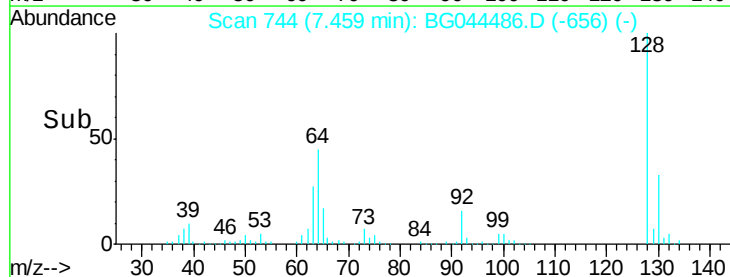
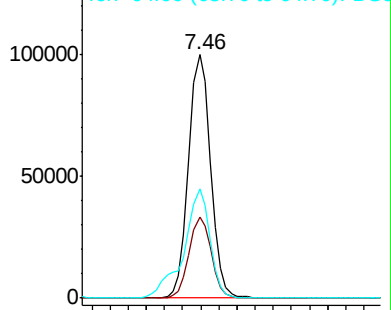
128 100

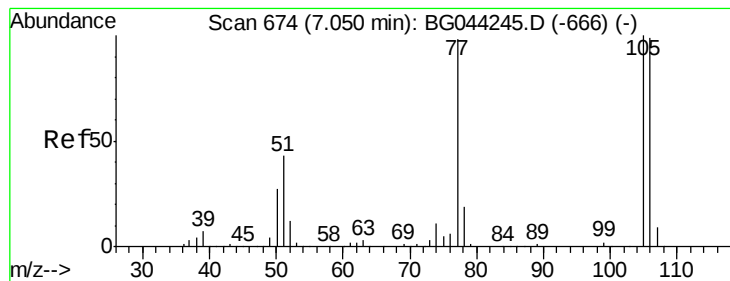
130 33.0 12.5 52.5

64 45.0 24.2 64.2



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





#9

Benzaldehyde

Concen: 39.139 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

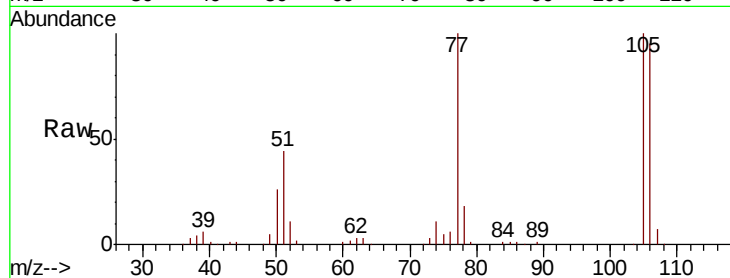
Tot Ion: 77 Resp: 110814

Ion Ratio Lower Upper

77 100

105 100.1 82.0 122.0

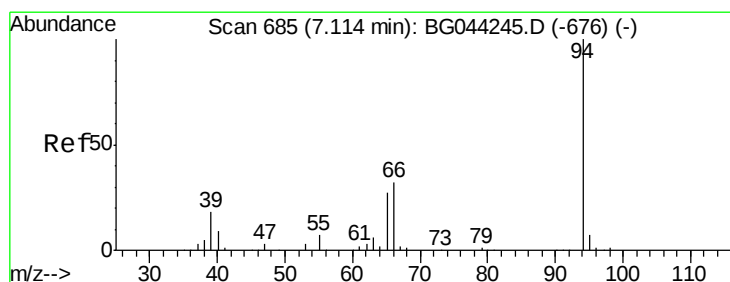
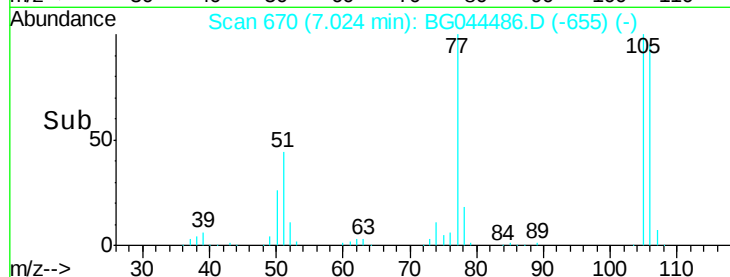
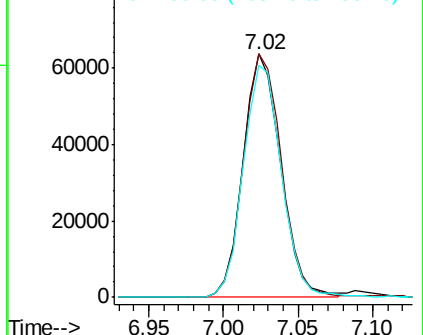
106 95.5 80.7 120.7



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: 42.541 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

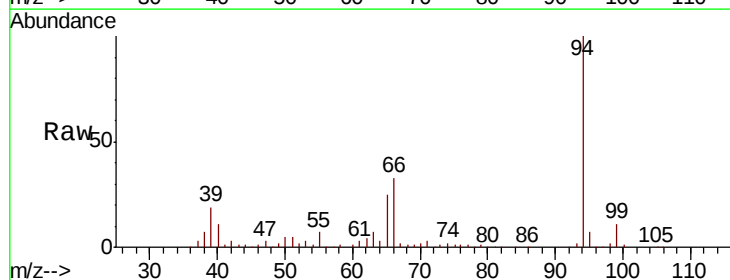
Tgt Ion: 94 Resp: 209298

Ion Ratio Lower Upper

94 100

65 25.5 7.0 47.0

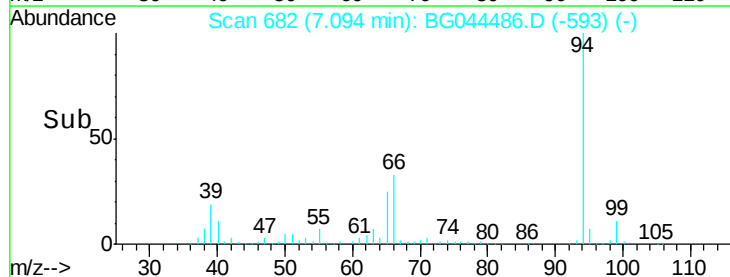
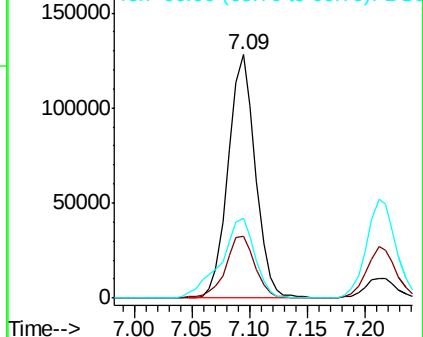
66 32.5 12.7 52.7

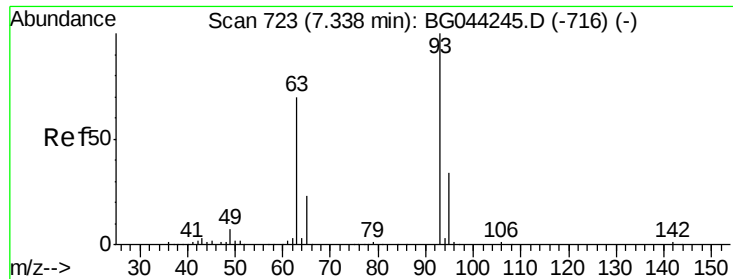


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

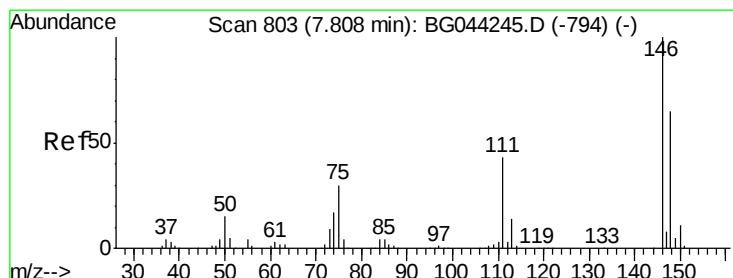
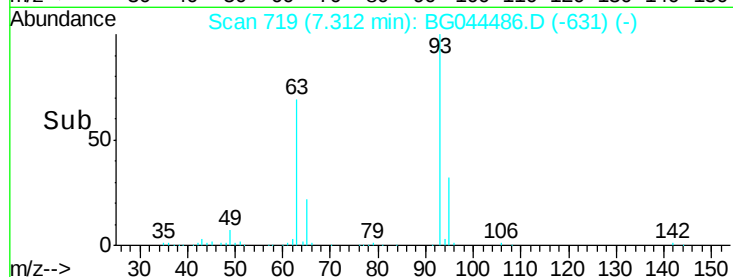
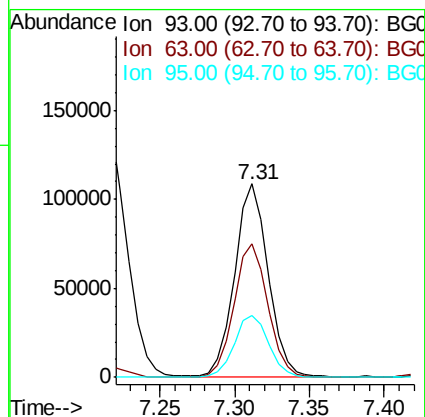
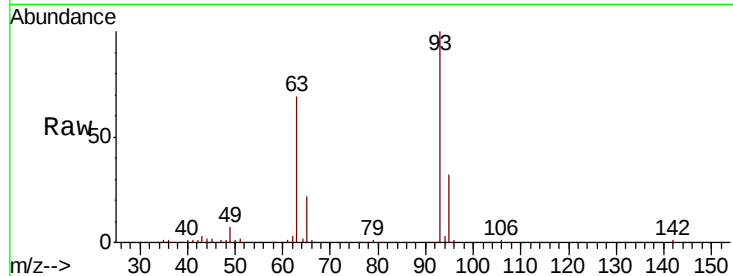




#11  
bis(2-Chloroethyl)ether  
Concen: 40.120 ng  
RT: 7.31 min Scan# 719  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

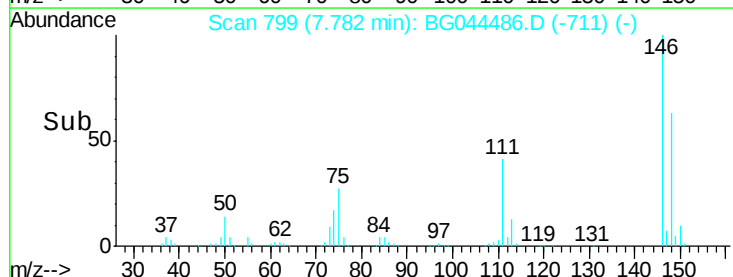
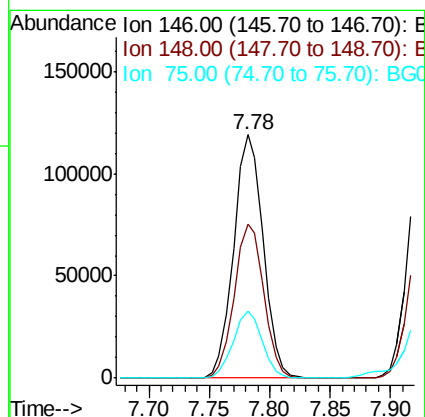
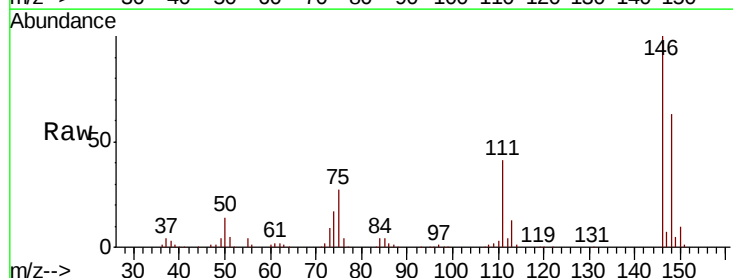
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

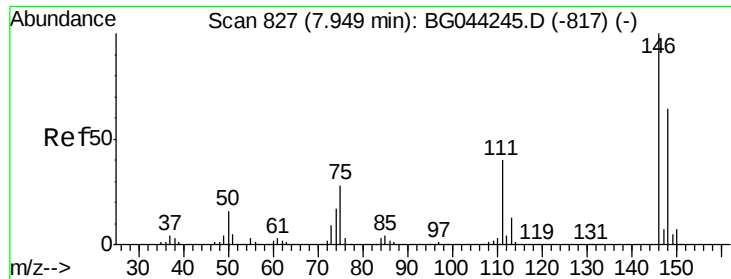
Tot Ion: 93 Resp: 168751  
Ion Ratio Lower Upper  
93 100  
63 69.2 49.2 89.2  
95 31.8 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 41.765 ng  
RT: 7.78 min Scan# 799  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion: 146 Resp: 202888  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.8 77.8  
75 27.3 23.7 35.5

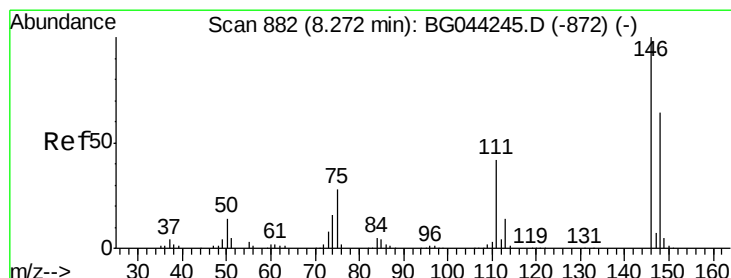
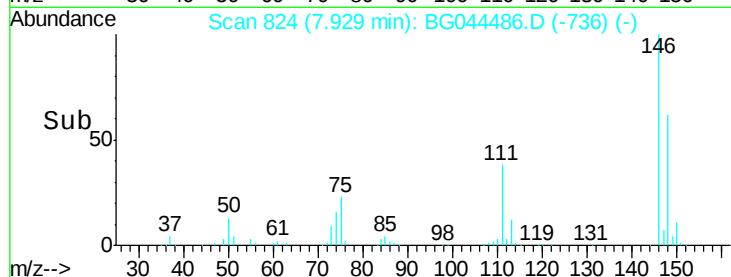
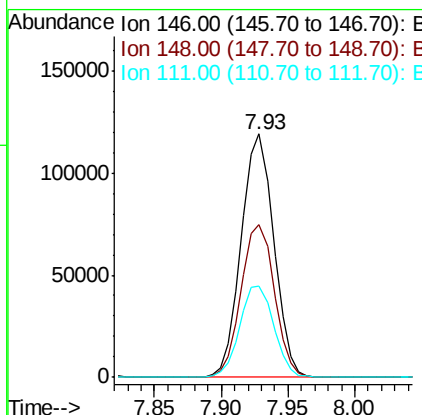
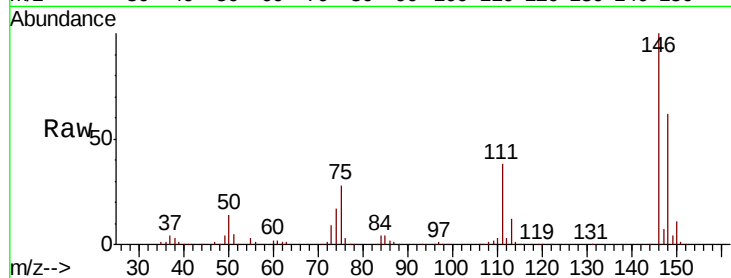




#13  
 1,4-Dichlorobenzene  
 Concen: 41.977 ng  
 RT: 7.93 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BG044486.D  
 Acq: 19 Feb 2020 11:30

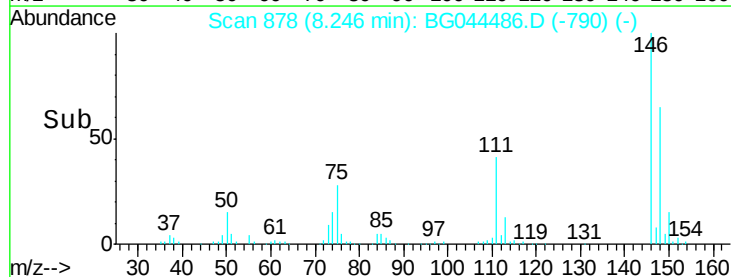
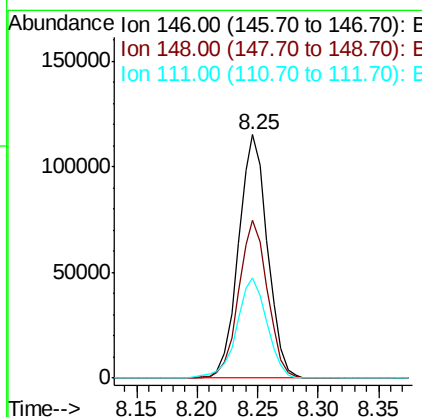
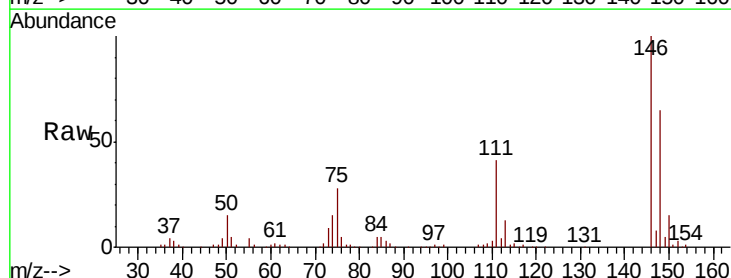
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC040

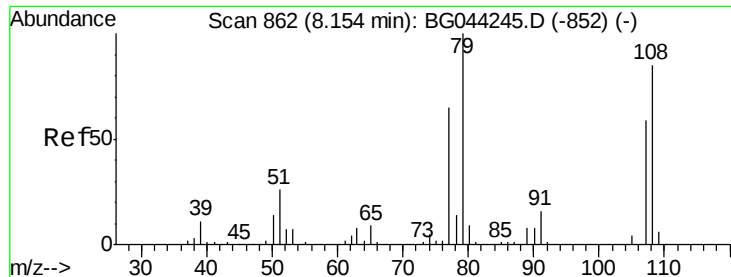
Tot Ion:146 Resp: 201965  
 Ion Ratio Lower Upper  
 146 100  
 148 62.5 51.4 77.0  
 111 37.5 31.8 47.8



#14  
 1,2-Dichlorobenzene  
 Concen: 42.178 ng  
 RT: 8.25 min Scan# 878  
 Delta R.T. -0.01 min  
 Lab File: BG044486.D  
 Acq: 19 Feb 2020 11:30

Tgt Ion:146 Resp: 191813  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 51.2 76.8  
 111 41.4 34.0 51.0





#15

Benzyl Alcohol

Concen: 41.257 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

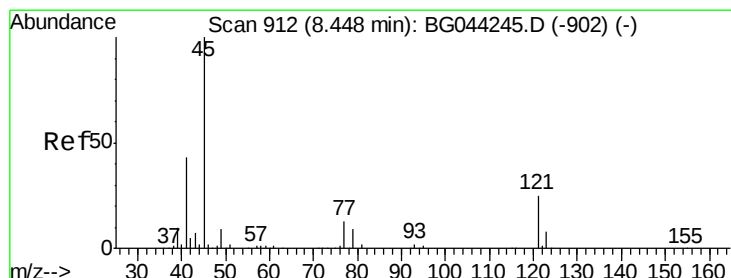
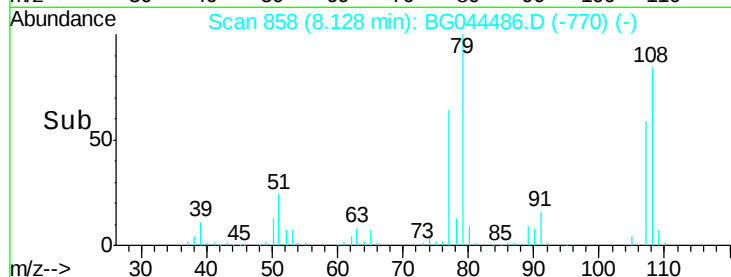
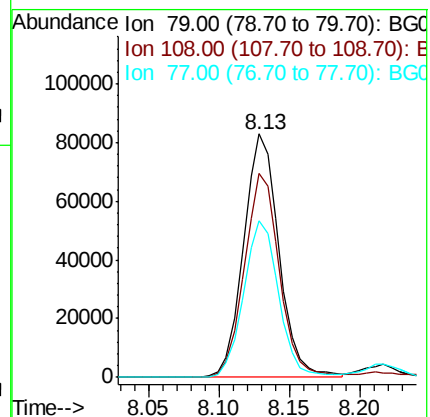
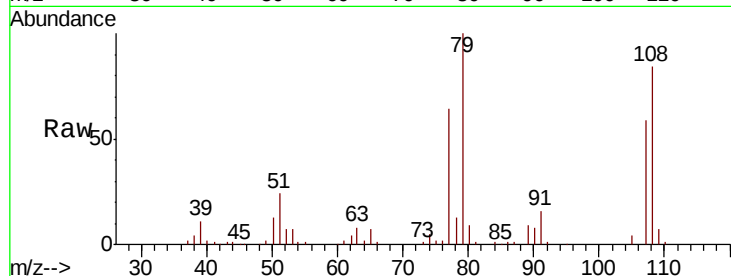
Tot Ion: 79 Resp: 145204

Ion Ratio Lower Upper

79 100

108 83.8 68.3 102.5

77 64.1 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.069 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

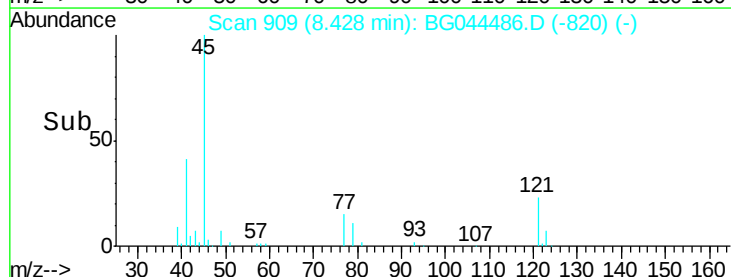
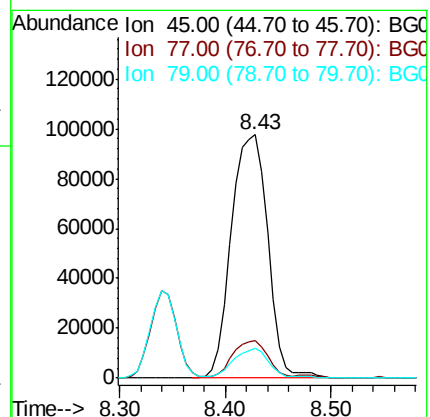
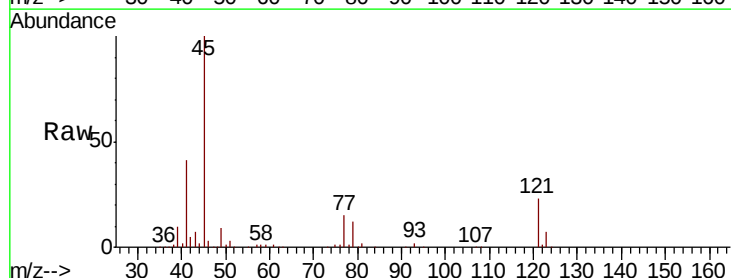
Tgt Ion: 45 Resp: 233807

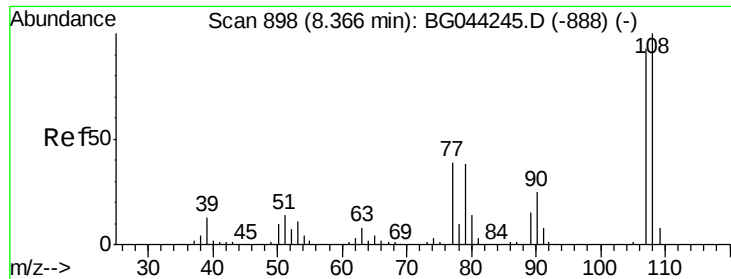
Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.2

79 12.0 0.0 31.1

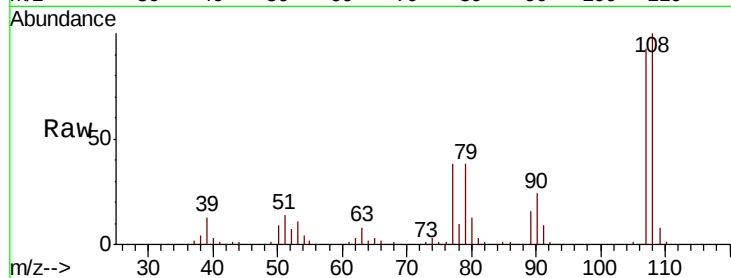




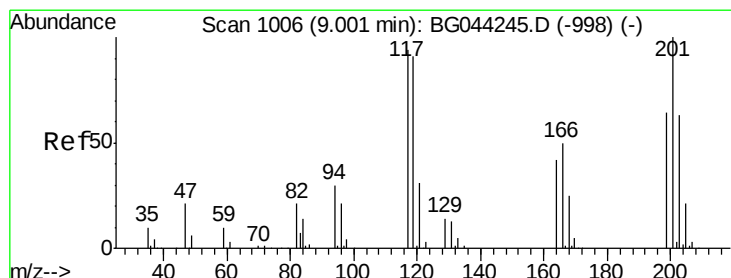
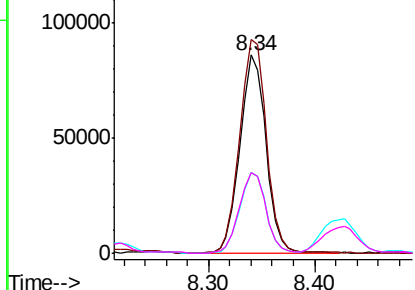
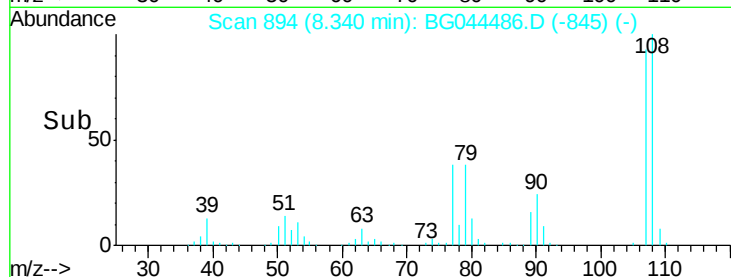
#17  
2-Methylphenol  
Concen: 42.126 ng  
RT: 8.34 min Scan# 894  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:107 Resp: 147873  
Ion Ratio Lower Upper  
107 100  
108 108.0 86.4 129.6  
77 41.1 34.0 51.0  
79 40.9 32.9 49.3

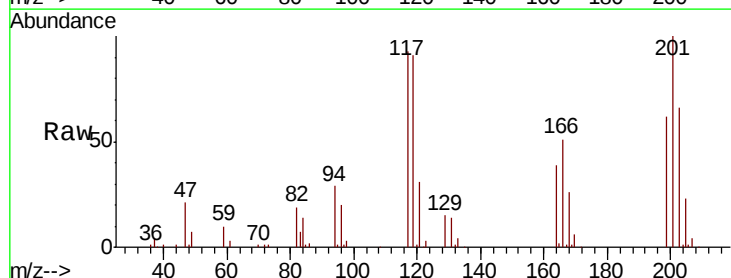


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

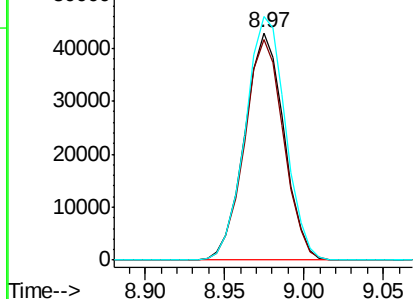
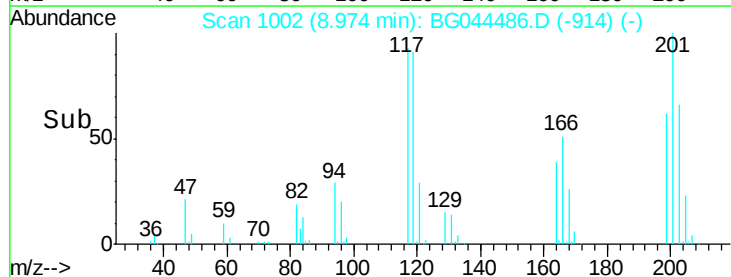


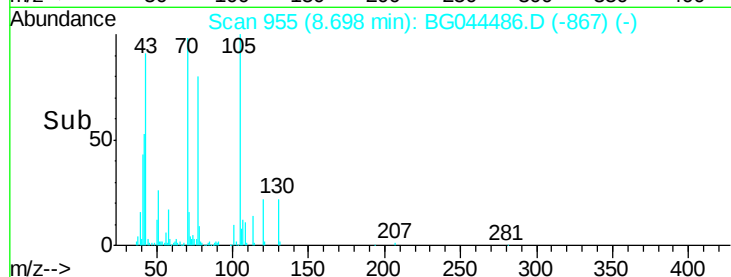
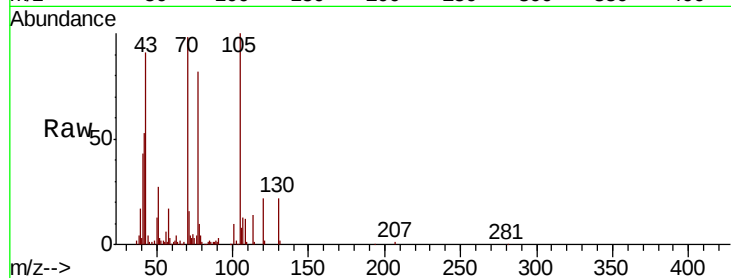
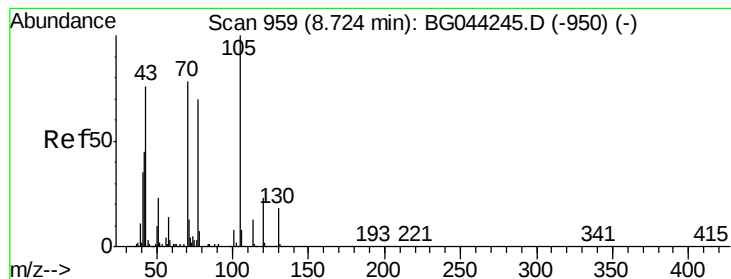
#18  
Hexachloroethane  
Concen: 40.924 ng  
RT: 8.97 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion:117 Resp: 73888  
Ion Ratio Lower Upper  
117 100  
119 97.3 77.5 116.3  
201 107.1 84.9 127.3



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





#19

n-Nitroso-di-n-propylamine

Concen: 40.113 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 132898

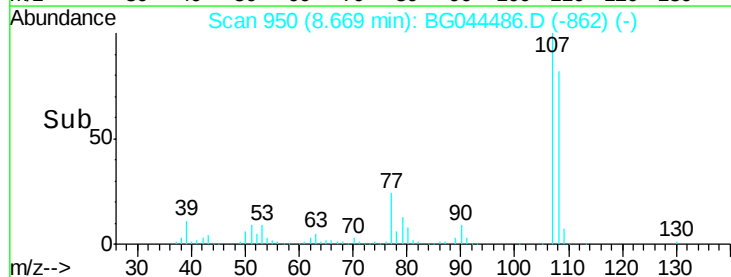
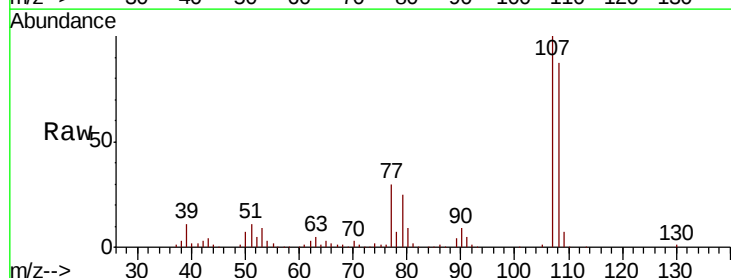
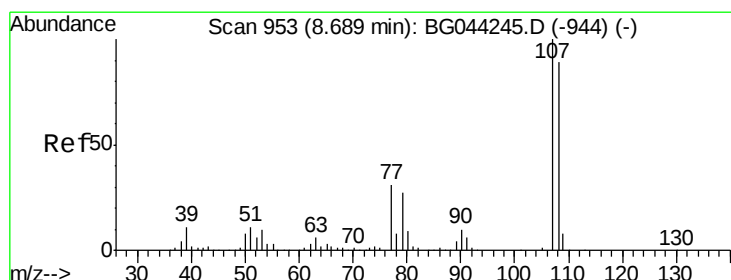
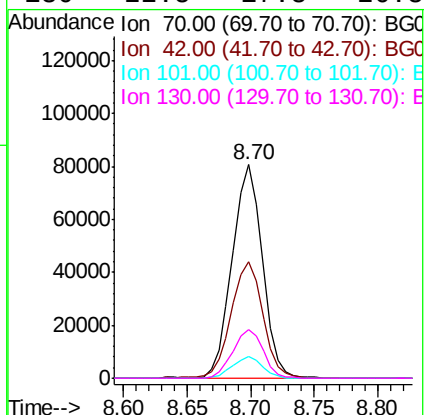
Ion Ratio Lower Upper

70 100

42 54.3 46.2 69.2

101 10.0 8.4 12.6

130 22.5 17.8 26.8



#20

3+4-Methylphenols

Concen: 41.540 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Tgt Ion:107 Resp: 200957

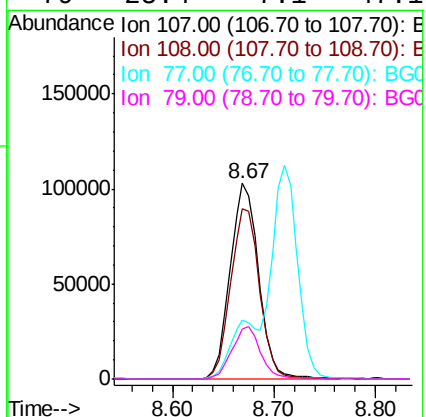
Ion Ratio Lower Upper

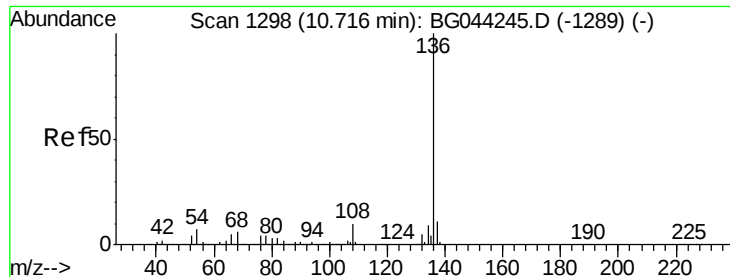
107 100

108 86.8 68.5 108.5

77 30.4 10.9 50.9

79 25.4 7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 264822

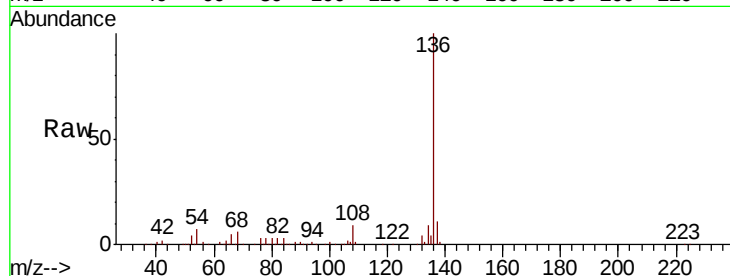
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.4 5.8 8.8

68 5.8 4.6 6.8

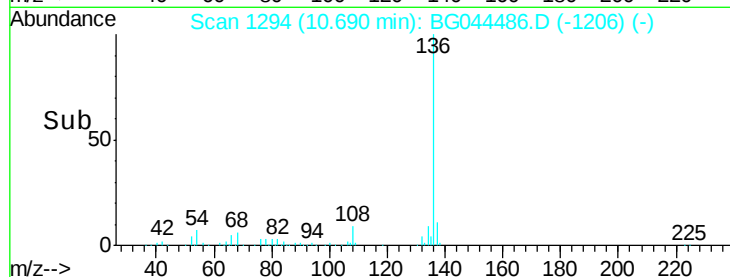


Abundance Ion 136.00 (135.70 to 136.70): E

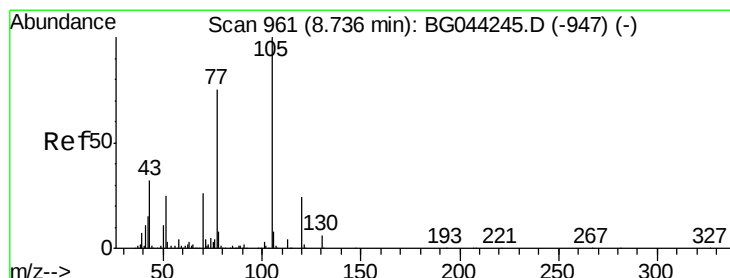
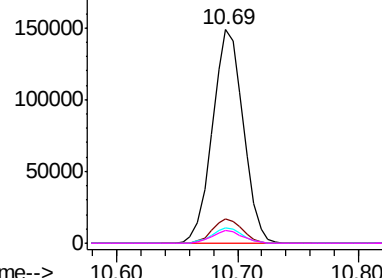
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 40.773 ng

RT: 8.71 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Tgt Ion:105 Resp: 262675

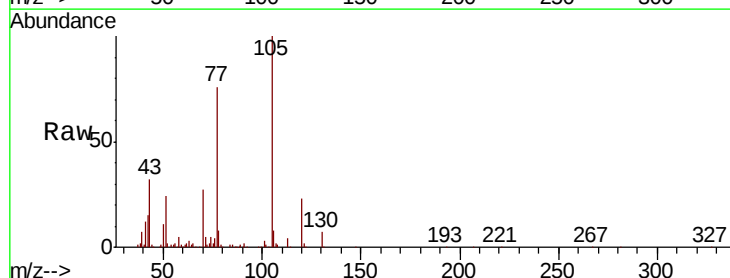
Ion Ratio Lower Upper

105 100

71 4.6 3.4 5.0

51 24.3 20.2 30.4

120 23.0 19.1 28.7

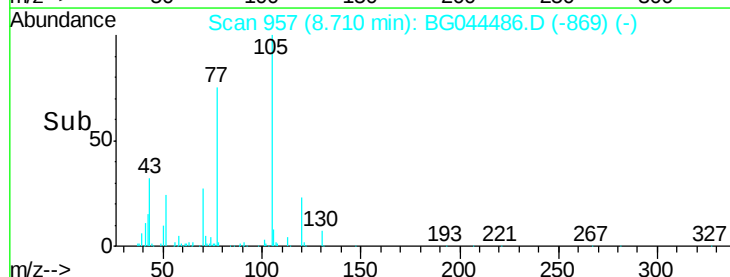


Abundance Ion 105.00 (104.70 to 105.70): E

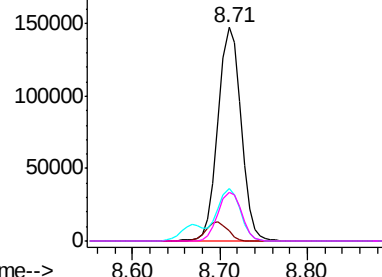
Ion 71.00 (70.70 to 71.70): BGC

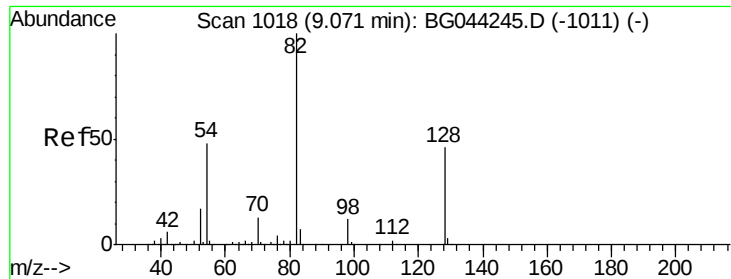
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

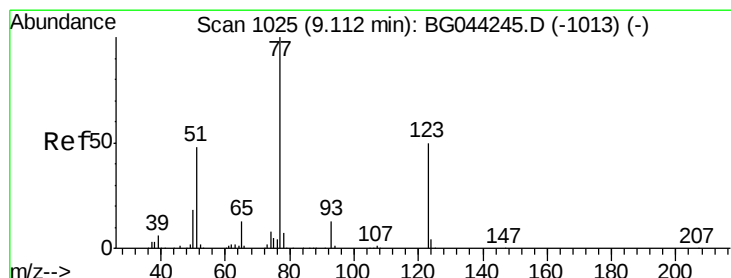
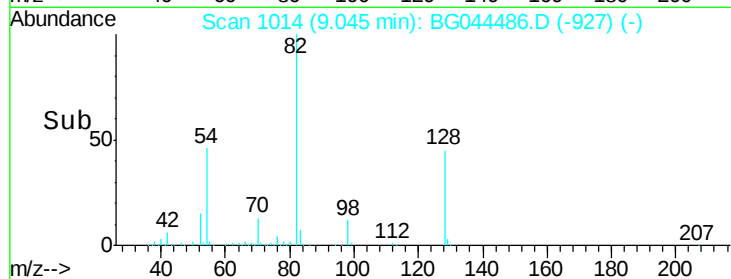
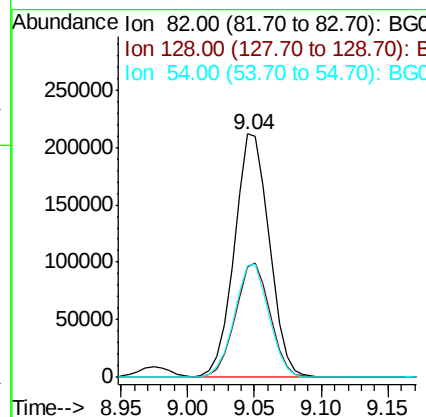
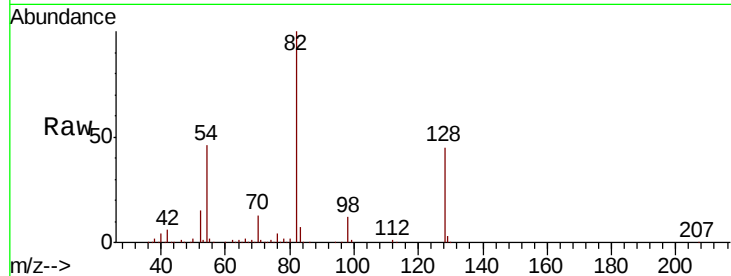




#23  
Nitrobenzene-d5  
Concen: 81.887 ng  
RT: 9.04 min Scan# 1014  
Delta R.T. -0.02 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

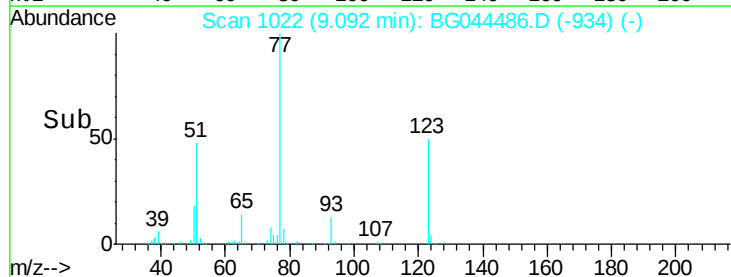
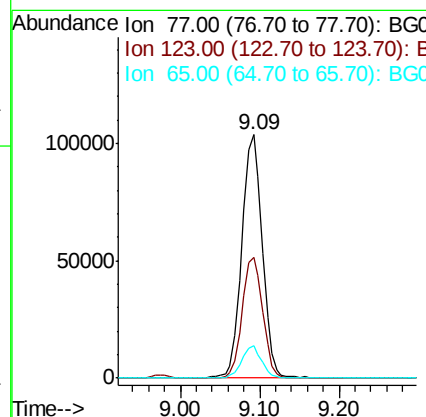
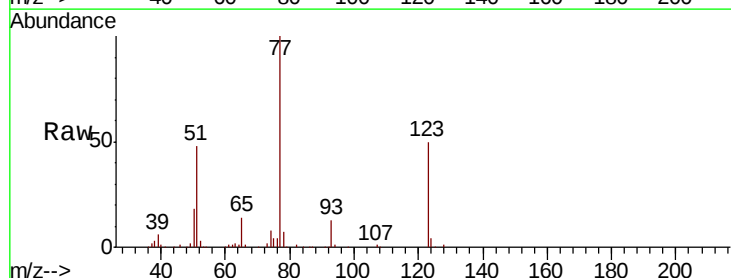
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

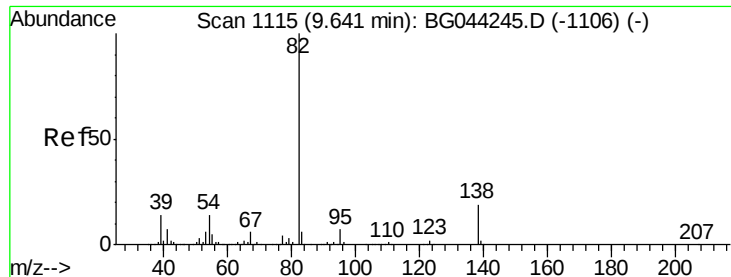
| Tot Ion   | 82    | Resp  | 384112 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.1  | 36.5  | 54.7   |
| 54        | 46.1  | 38.6  | 58.0   |



#24  
Nitrobenzene  
Concen: 40.570 ng  
RT: 9.09 min Scan# 1022  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

| Tgt Ion   | 77    | Resp  | 185784 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 49.7  | 39.9  | 59.9   |
| 65        | 13.5  | 10.4  | 15.6   |





#25

Isophorone

Concen: 40.390 ng

RT: 9.61 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

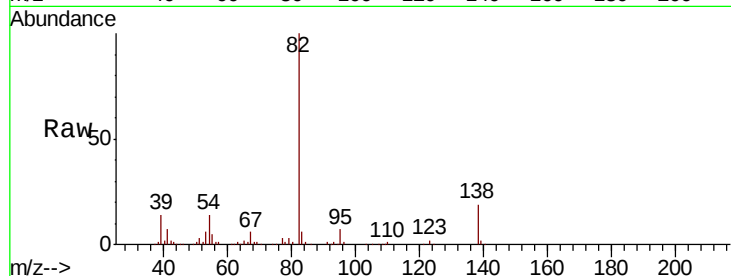
Tot Ion: 82 Resp: 353128

Ion Ratio Lower Upper

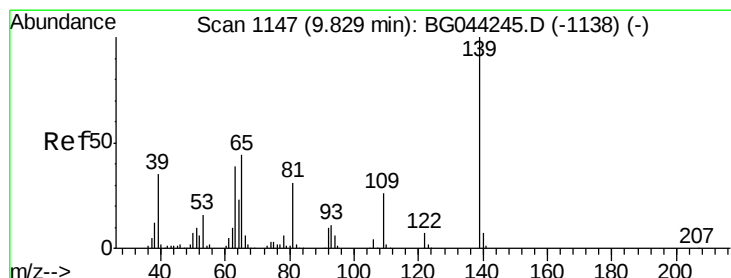
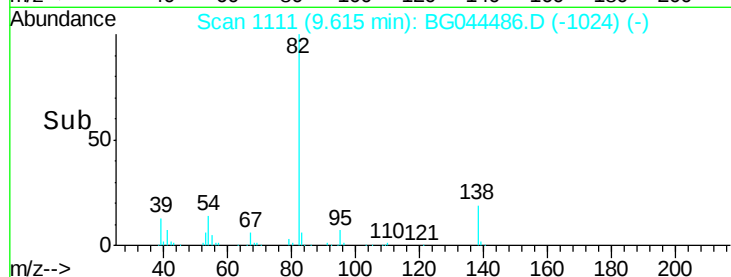
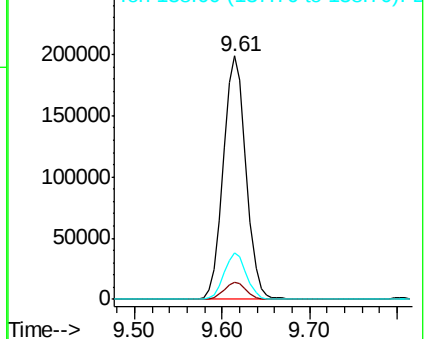
82 100

95 7.1 5.7 8.5

138 19.1 15.0 22.4



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



#26

2-Nitrophenol

Concen: 43.212 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

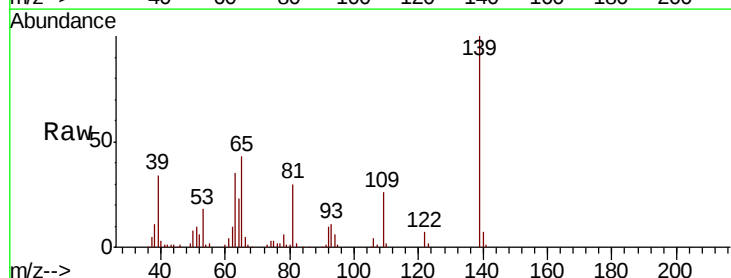
Tgt Ion: 139 Resp: 102678

Ion Ratio Lower Upper

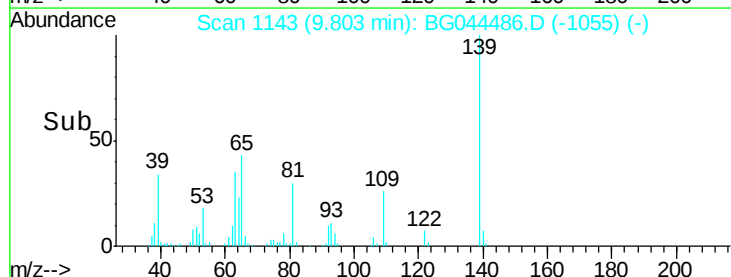
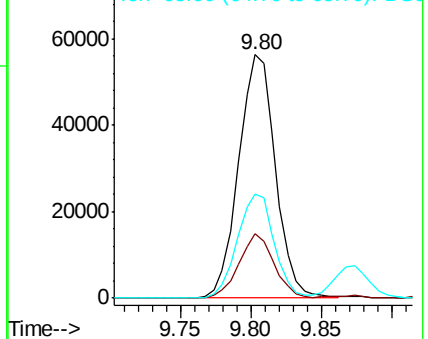
139 100

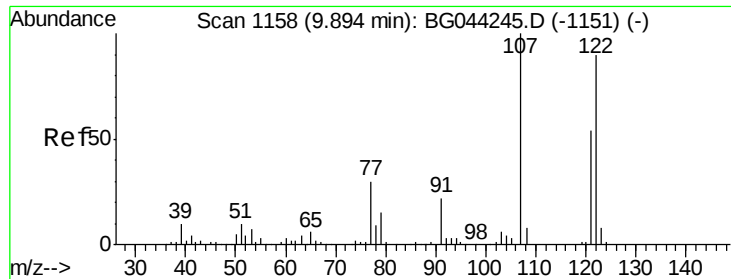
109 26.3 21.0 31.4

65 42.7 35.0 52.4



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

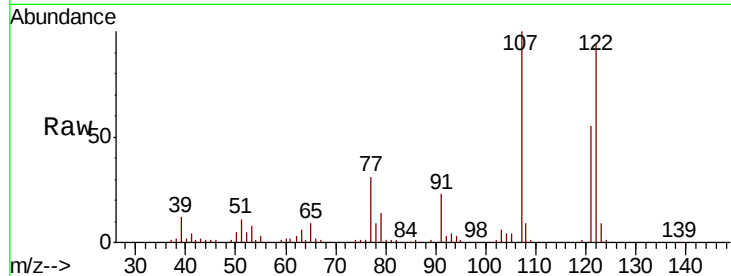




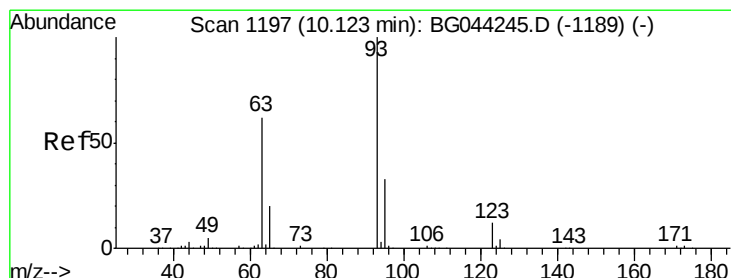
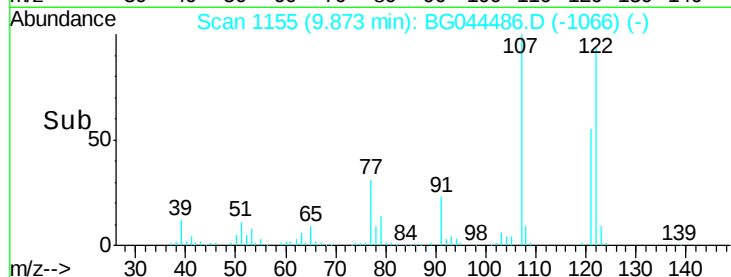
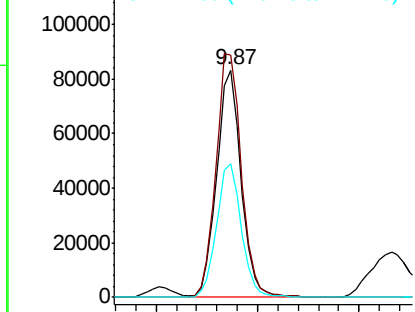
#27  
2,4-Dimethylphenol  
Concen: 41.295 ng  
RT: 9.87 min Scan# 1155  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:122 Resp: 138513  
Ion Ratio Lower Upper  
122 100  
107 106.6 88.8 133.2  
121 58.5 48.3 72.5

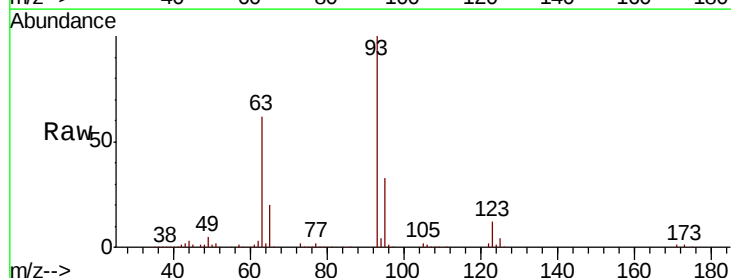


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

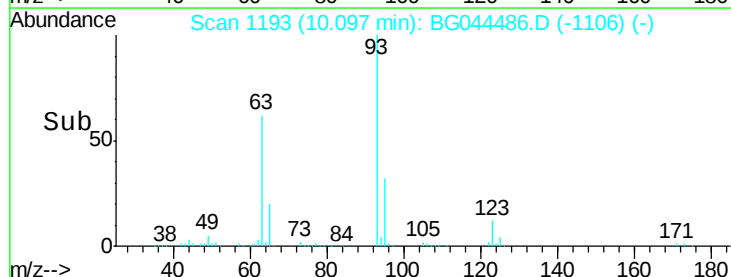
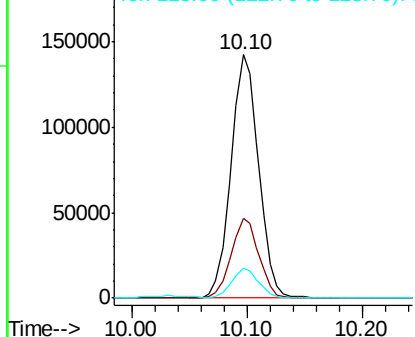


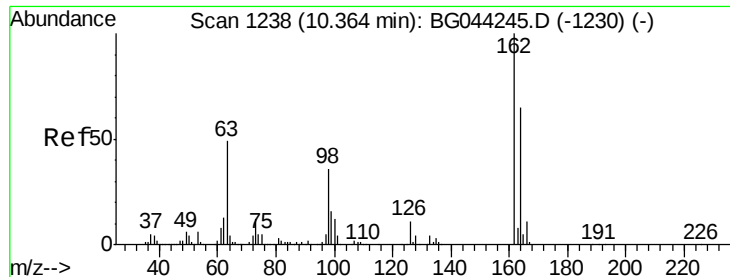
#28  
bis(2-Chloroethoxy)methane  
Concen: 40.342 ng  
RT: 10.10 min Scan# 1193  
Delta R.T. -0.02 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion: 93 Resp: 235288  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.6 40.0  
123 12.2 10.0 15.0



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

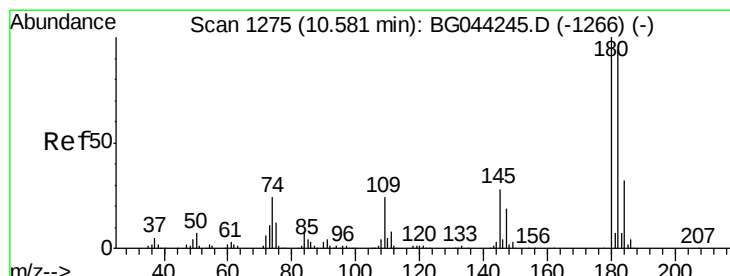
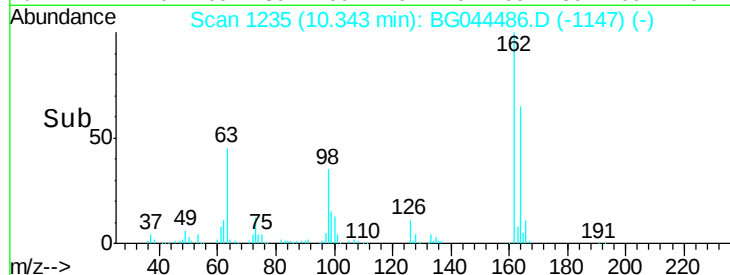
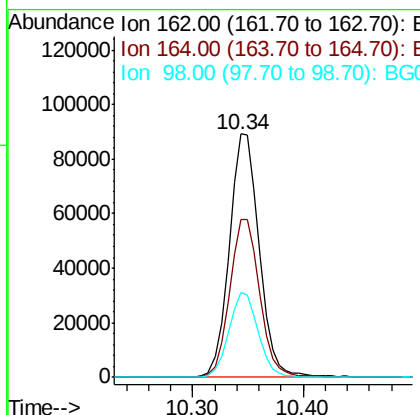
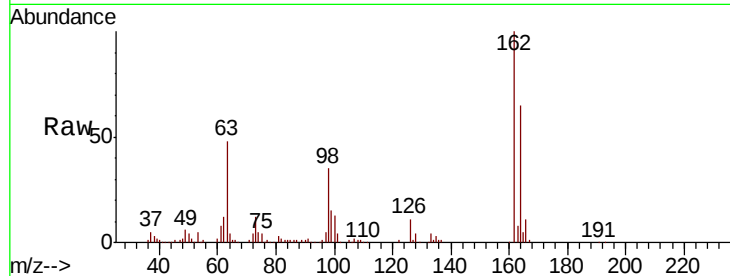




#29  
 2,4-Dichlorophenol  
 Concen: 41.776 ng  
 RT: 10.34 min Scan# 1235  
 Delta R.T. -0.01 min  
 Lab File: BG044486.D  
 Acq: 19 Feb 2020 11:30

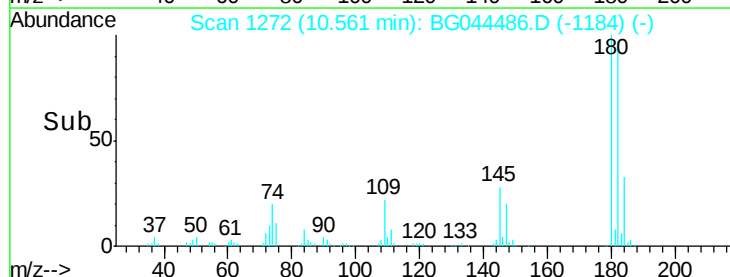
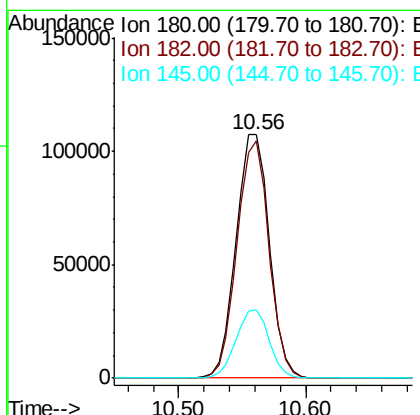
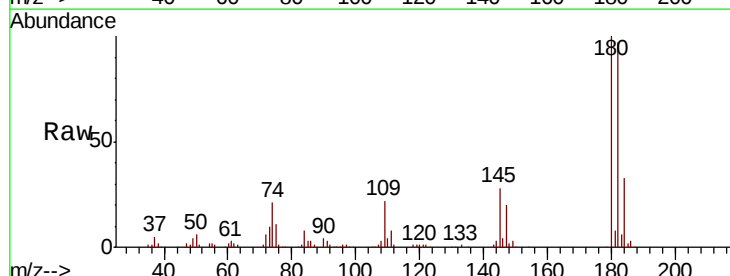
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

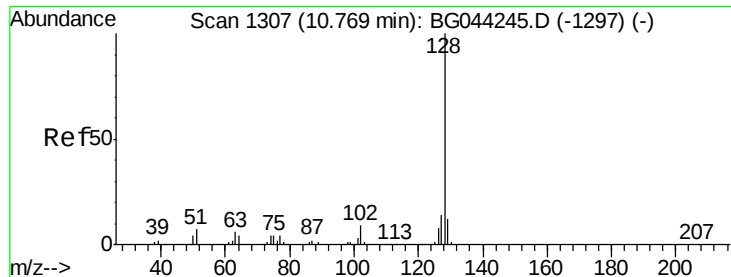
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.7  | 44.7  | 84.7  |
| 98      | 35.1  | 15.8  | 55.8  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.981 ng  
 RT: 10.56 min Scan# 1272  
 Delta R.T. -0.01 min  
 Lab File: BG044486.D  
 Acq: 19 Feb 2020 11:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.4  | 75.5  | 113.3 |
| 145     | 28.3  | 22.6  | 34.0  |

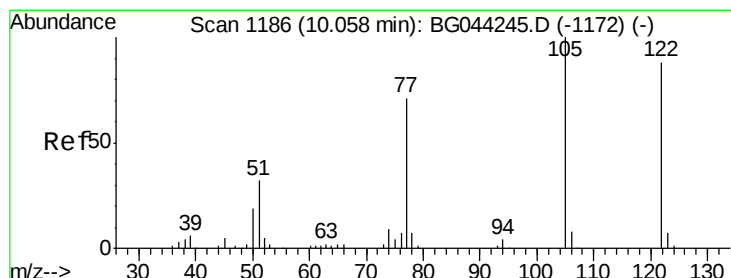
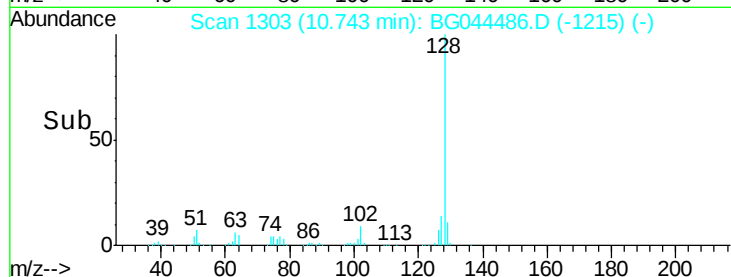
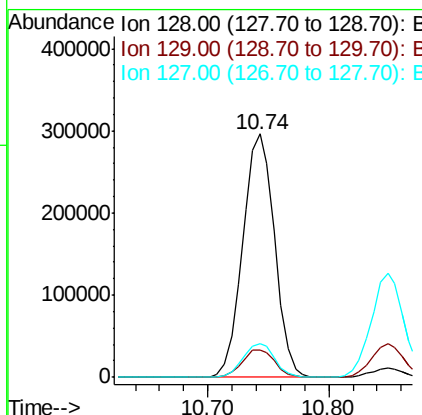
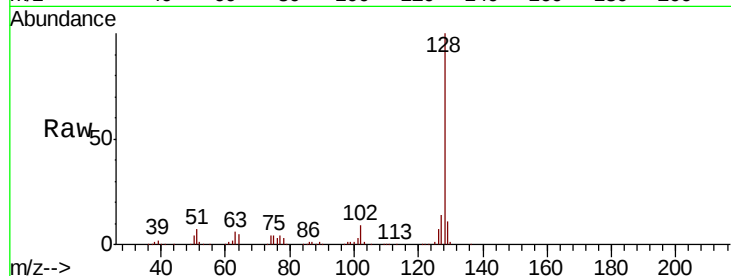




#31  
Naphthalene  
Concen: 42.185 ng  
RT: 10.74 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

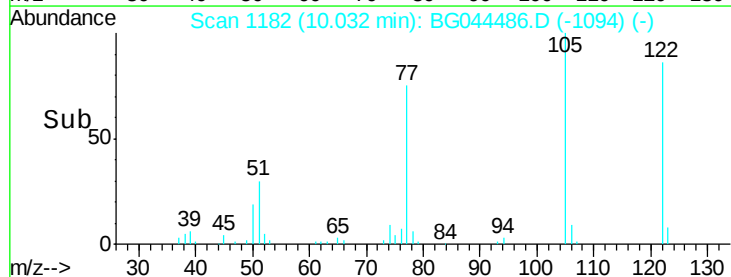
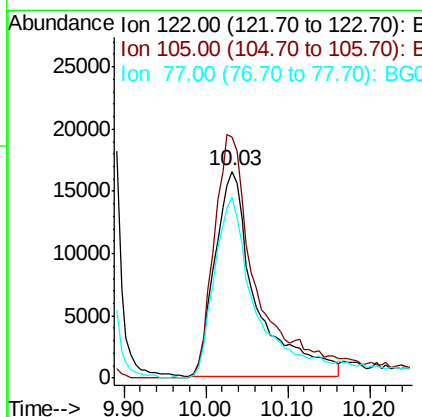
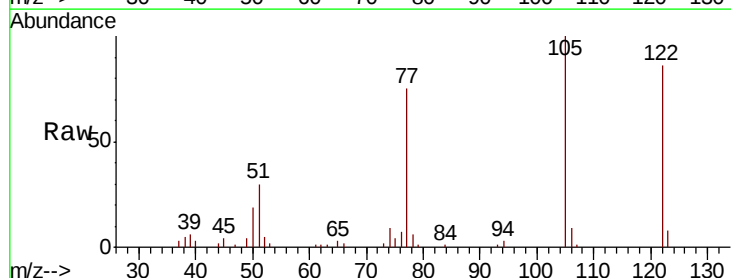
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

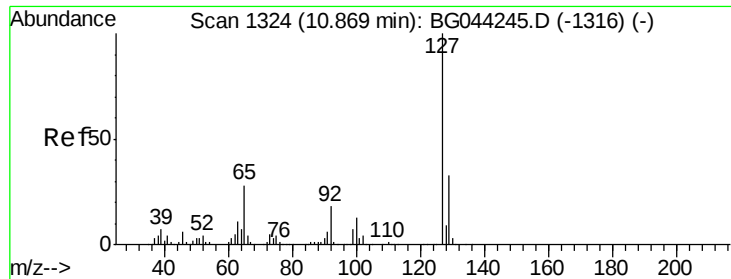
Tot Ion:128 Resp: 542006  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.3 13.9  
127 14.0 11.6 17.4



#32  
Benzoic acid  
Concen: 32.543 ng  
RT: 10.03 min Scan# 1182  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion:122 Resp: 57594  
Ion Ratio Lower Upper  
122 100  
105 116.6 93.5 133.5  
77 87.4 61.0 101.0

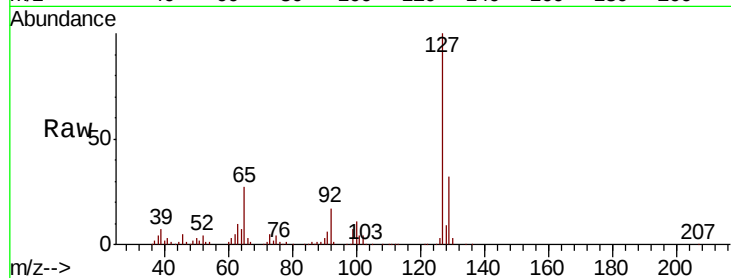




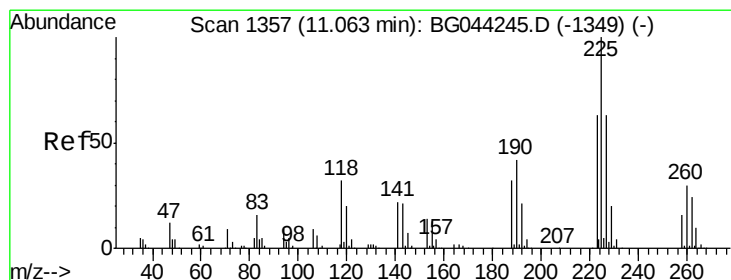
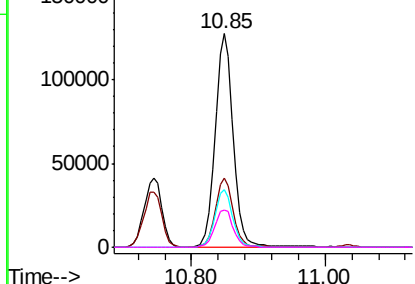
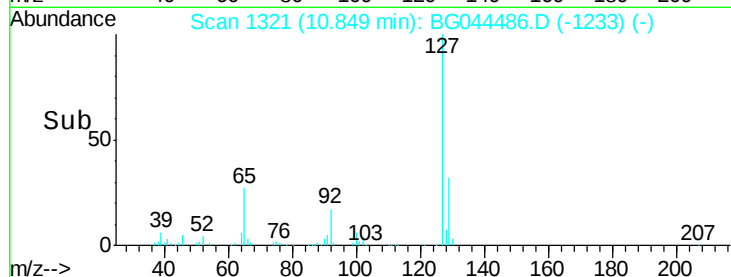
#33  
4-Chloroaniline  
Concen: 41.579 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 242965 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 26.6  | 40.0   |
| 65       | 26.8  | 22.5  | 33.7   |
| 92       | 17.5  | 14.1  | 21.1   |

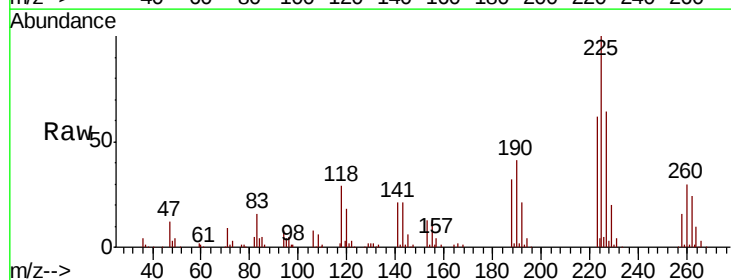


Abundance Ion 127.00 (126.70 to 127.70): E  
200000  
Ion 129.00 (128.70 to 129.70): E  
150000  
Ion 65.00 (64.70 to 65.70): BG  
100000  
Ion 92.00 (91.70 to 92.70): BG  
50000  
0

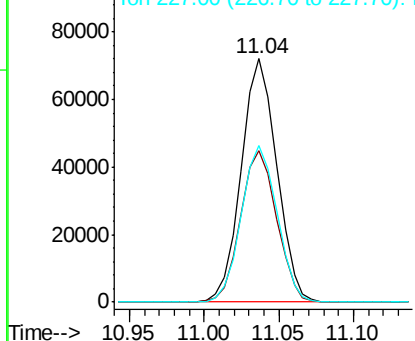
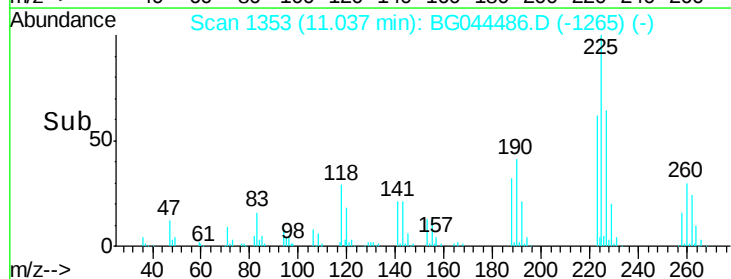


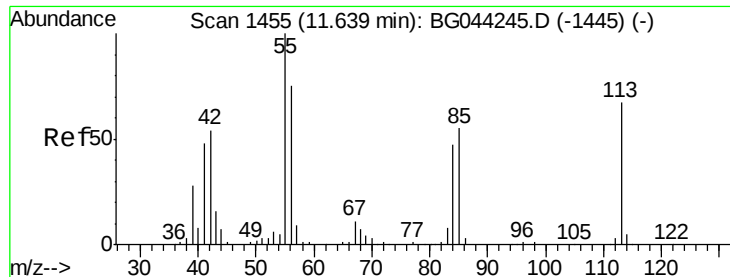
#34  
Hexachlorobutadiene  
Concen: 41.504 ng  
RT: 11.04 min Scan# 1353  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 118768 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 50.2  | 75.4   |
| 227      | 64.4  | 50.8  | 76.2   |



Abundance Ion 225.00 (224.70 to 225.70): E  
100000  
Ion 223.00 (222.70 to 223.70): E  
80000  
Ion 227.00 (226.70 to 227.70): E  
60000  
40000  
20000  
0

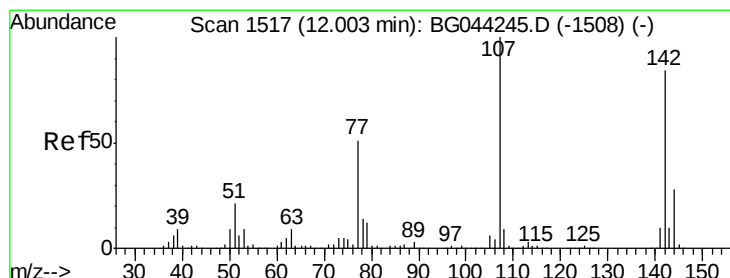
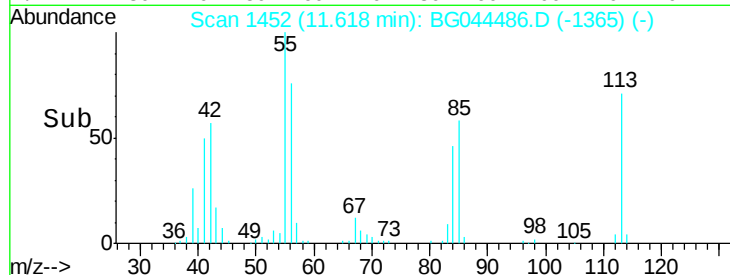
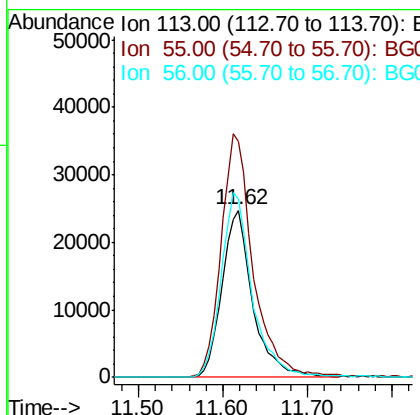
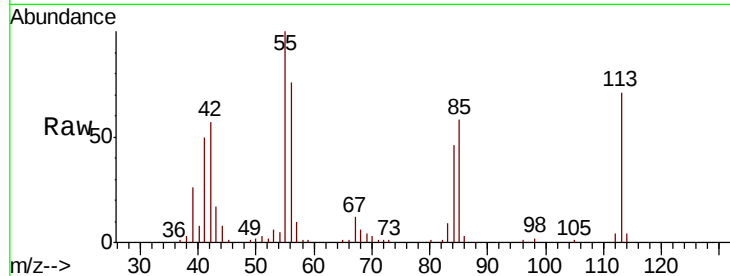




#35  
Caprolactam  
Concen: 41.760 ng  
RT: 11.62 min Scan# 1452  
Delta R.T. -0.02 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

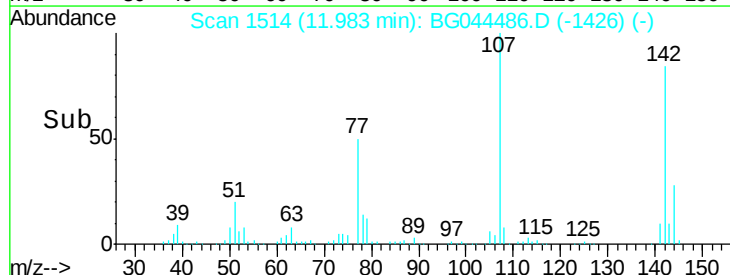
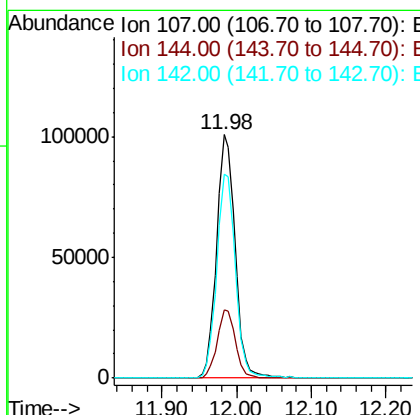
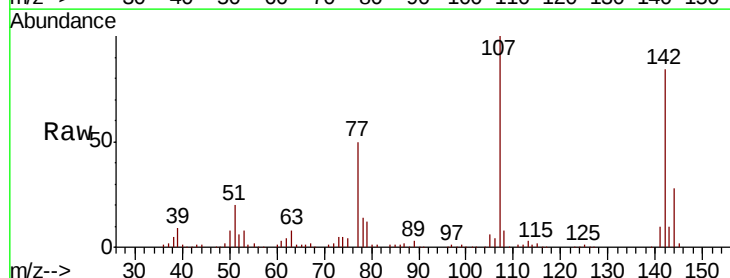
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

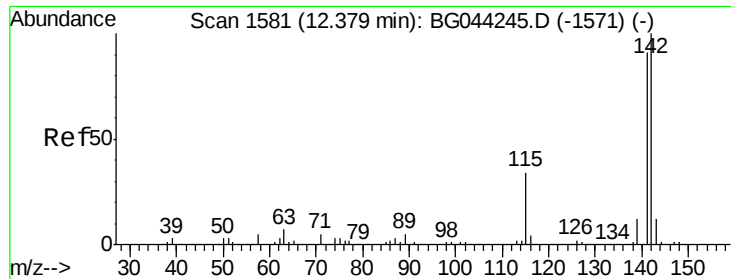
Tot Ion:113 Resp: 62043  
Ion Ratio Lower Upper  
113 100  
55 141.0 129.9 169.9  
56 106.9 92.5 132.5



#36  
4-Chloro-3-methylphenol  
Concen: 41.042 ng  
RT: 11.98 min Scan# 1514  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion:107 Resp: 174524  
Ion Ratio Lower Upper  
107 100  
144 28.1 22.2 33.4  
142 83.8 67.4 101.0

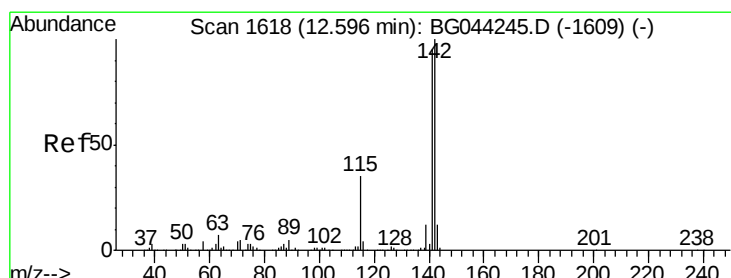
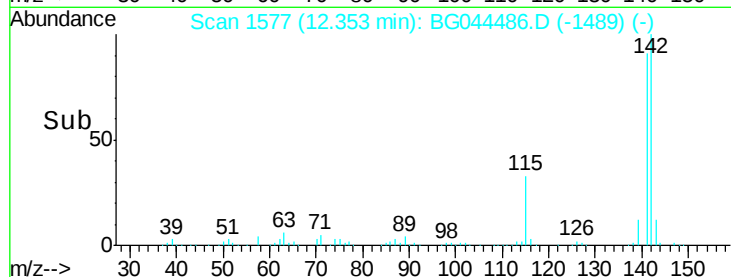
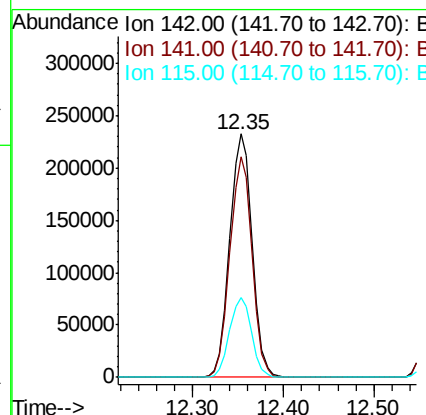
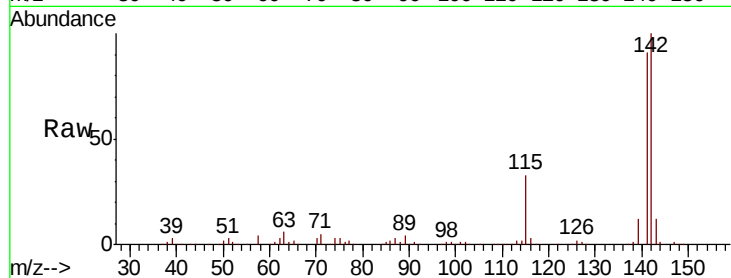




#37  
2-Methylnaphthalene  
Concen: 41.717 ng  
RT: 12.35 min Scan# 1577  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

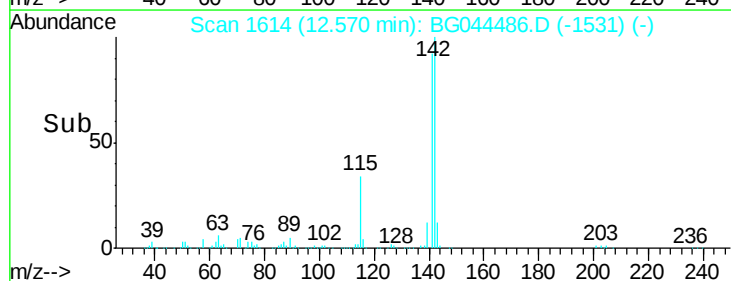
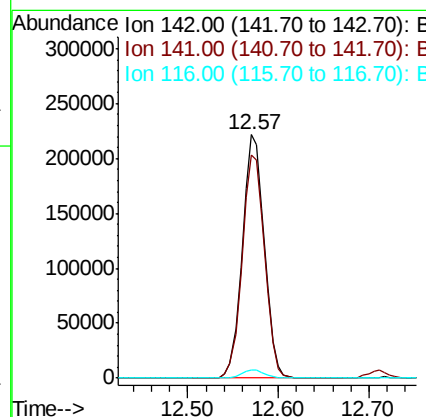
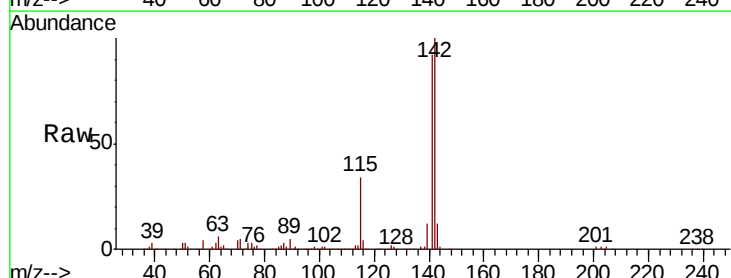
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

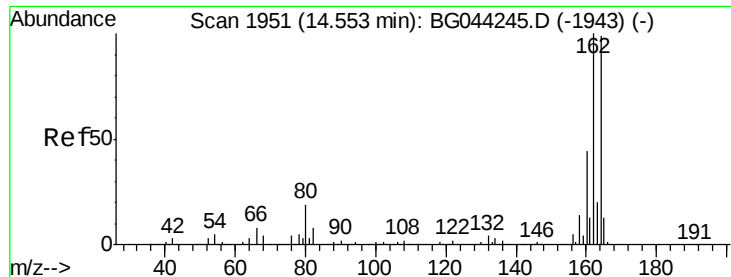
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 73.2  | 109.8 |
| 115     | 33.0  | 27.1  | 40.7  |



#38  
1-Methylnaphthalene  
Concen: 41.513 ng  
RT: 12.57 min Scan# 1614  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.8  | 75.8  | 113.6 |
| 116     | 3.6   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

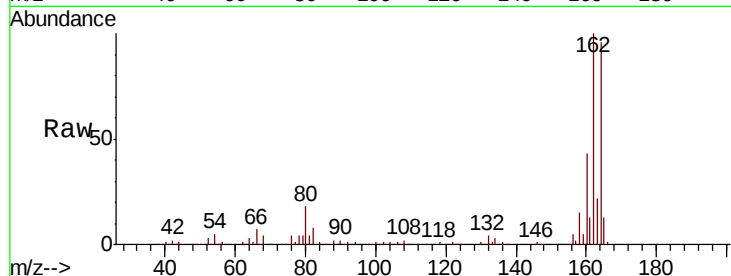
Tot Ion:164 Resp: 166606

Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

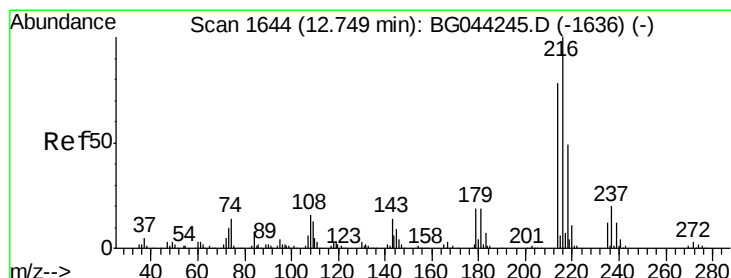
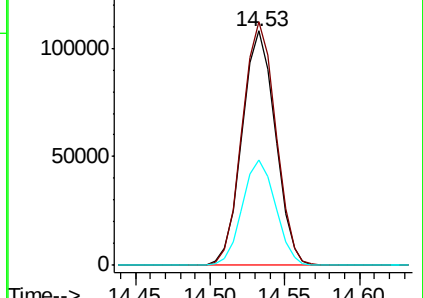
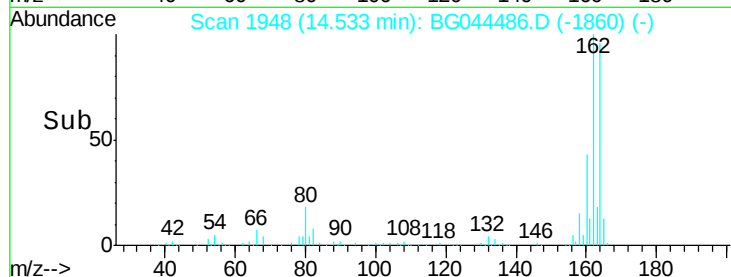
160 44.9 35.3 52.9



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: 42.815 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Tgt Ion:216 Resp: 213377

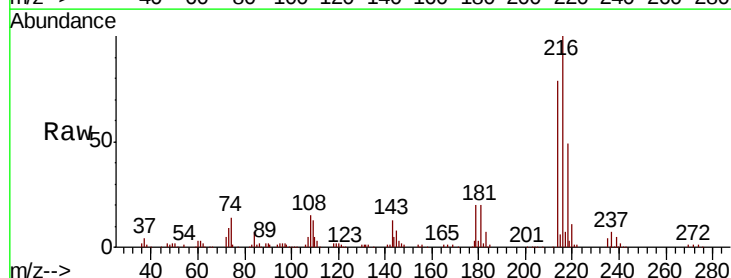
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.6

179 20.4 16.2 24.4

108 16.0 13.5 20.3

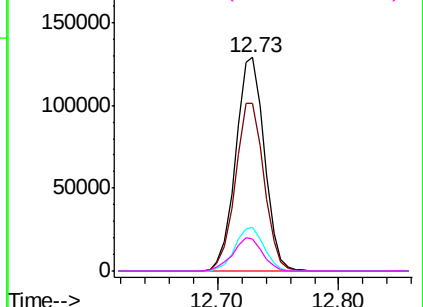
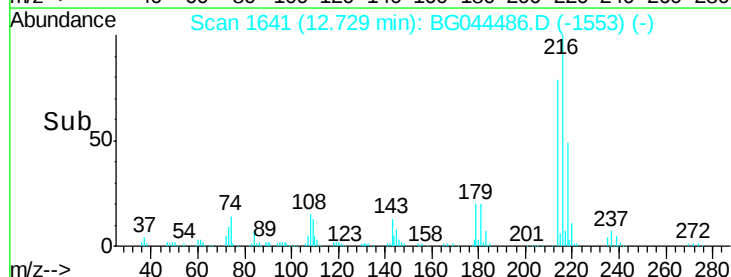


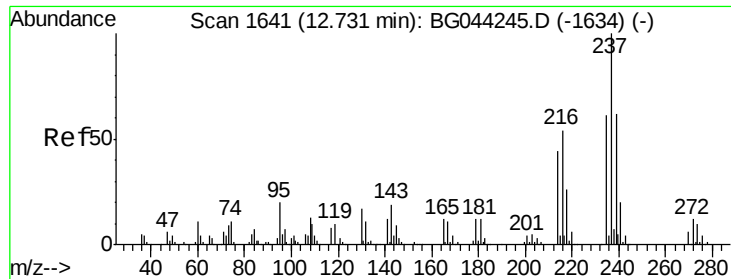
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.602 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

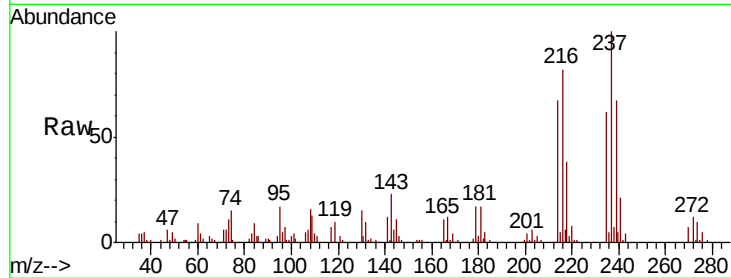
Tot Ion:237 Resp: 85136

Ion Ratio Lower Upper

237 100

235 62.1 41.2 81.2

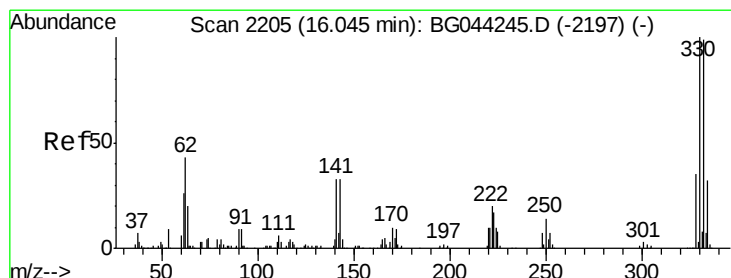
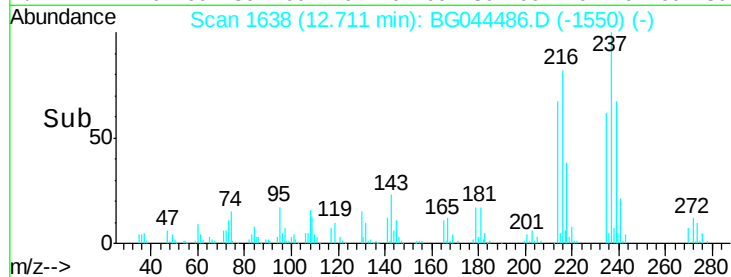
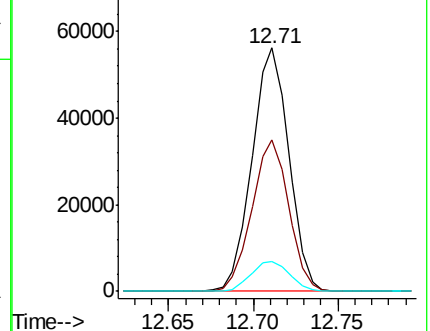
272 12.1 0.0 32.4



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: 86.904 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

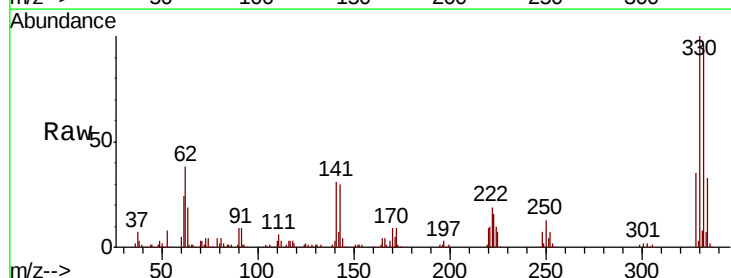
Tgt Ion:330 Resp: 169971

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

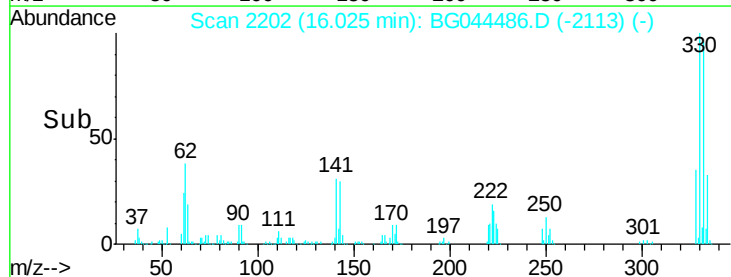
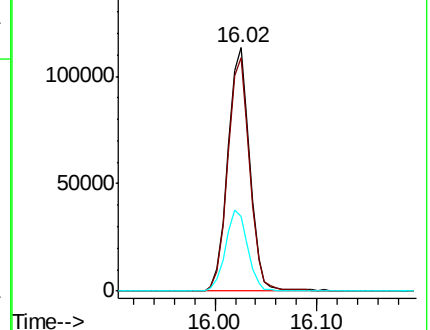
141 33.6 28.3 42.5

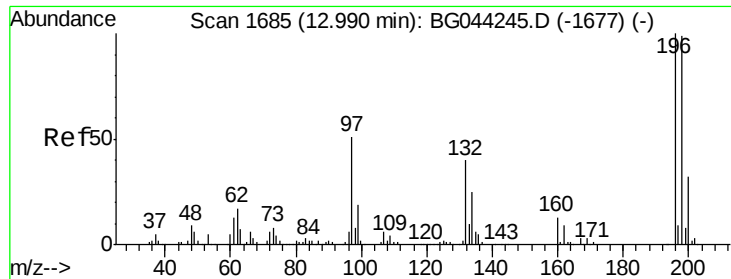


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

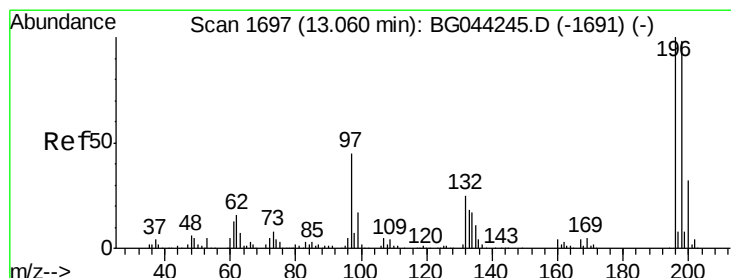
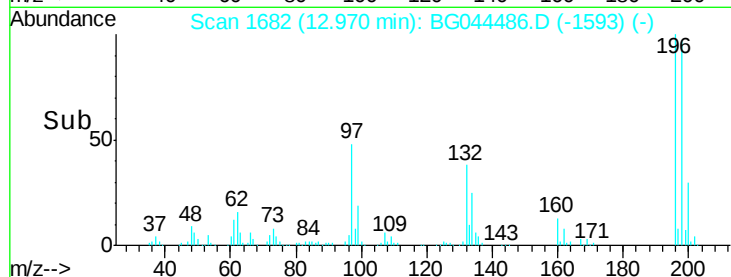
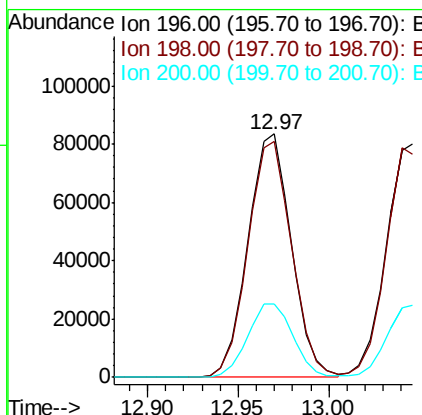
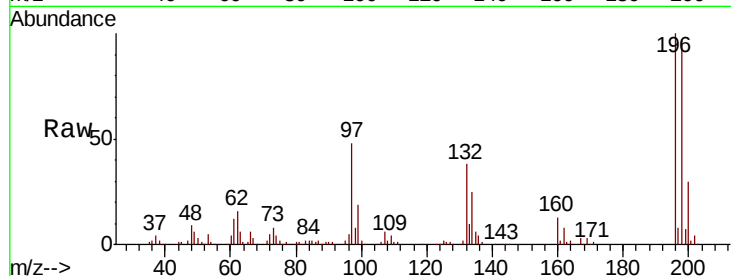




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.125 ng  
 RT: 12.97 min Scan# 1682  
 Delta R.T. -0.01 min  
 Lab File: BG044486.D  
 Acq: 19 Feb 2020 11:30

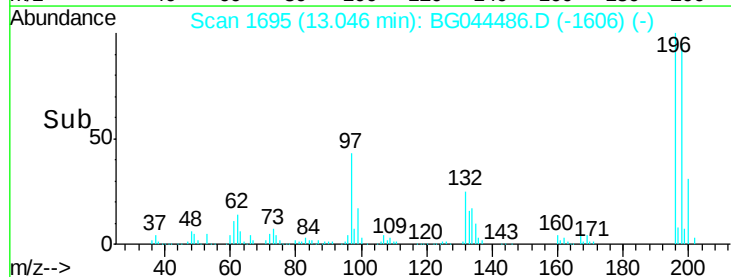
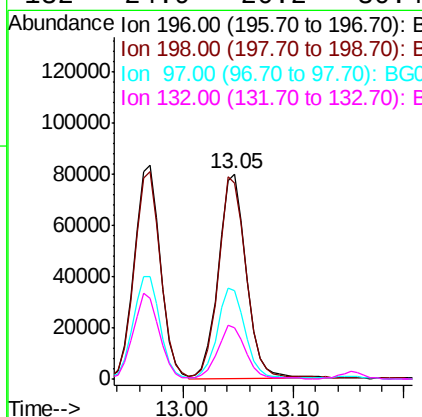
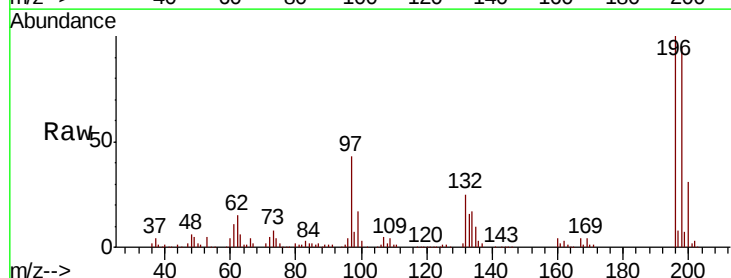
Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTCCCC040

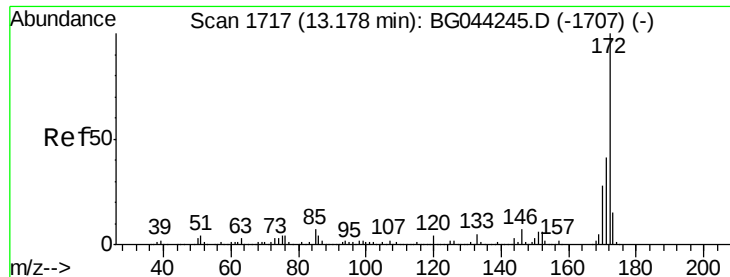
Tot Ion:196 Resp: 138921  
 Ion Ratio Lower Upper  
 196 100  
 198 96.9 79.3 118.9  
 200 29.9 25.7 38.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.551 ng  
 RT: 13.05 min Scan# 1695  
 Delta R.T. -0.01 min  
 Lab File: BG044486.D  
 Acq: 19 Feb 2020 11:30

Tgt Ion:196 Resp: 140005  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 78.2 117.2  
 97 42.9 36.2 54.4  
 132 24.9 20.2 30.4

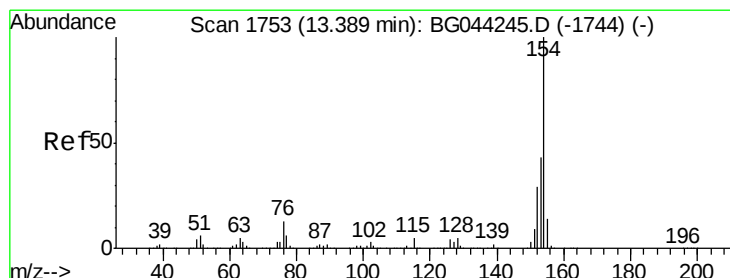
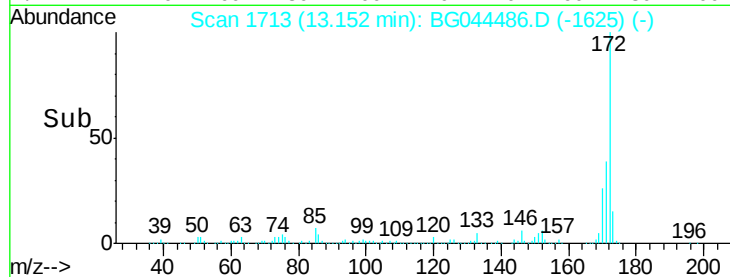
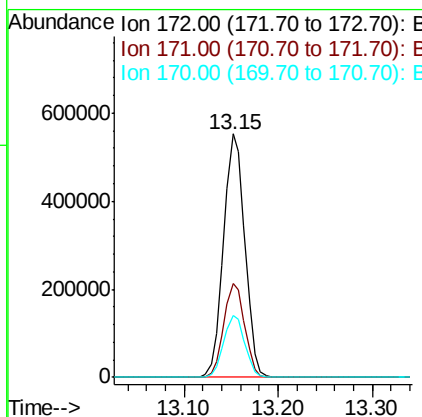
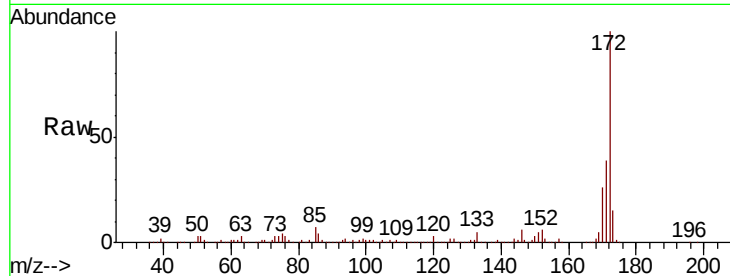




#45  
2-Fluorobiphenyl  
Concen: 87.526 ng  
RT: 13.15 min Scan# 1713  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

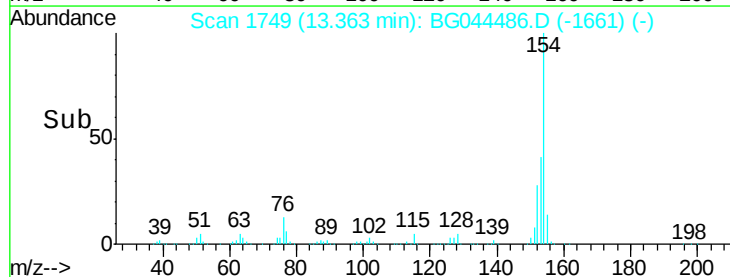
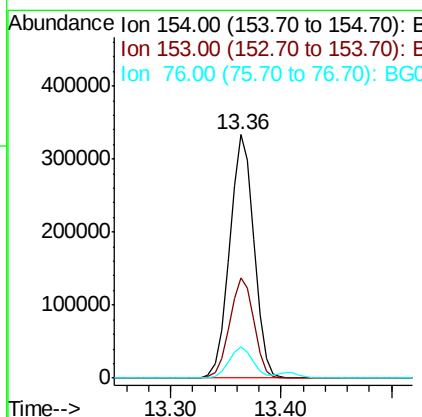
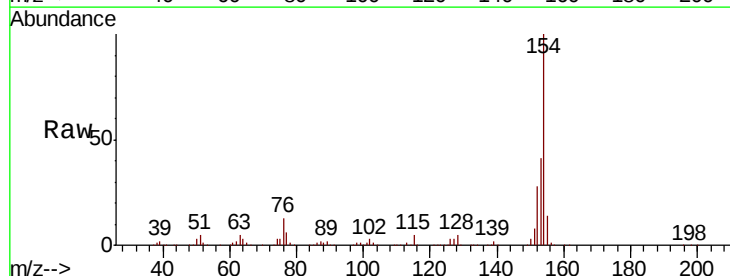
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

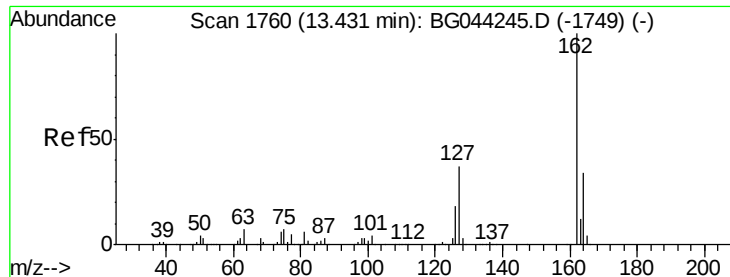
Tot Ion:172 Resp: 870816  
Ion Ratio Lower Upper  
172 100  
171 38.6 32.9 49.3  
170 25.5 22.0 33.0



#46  
1,1'-Biphenyl  
Concen: 42.819 ng  
RT: 13.36 min Scan# 1749  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion:154 Resp: 514580  
Ion Ratio Lower Upper  
154 100  
153 41.0 22.7 62.7  
76 12.6 0.0 32.9

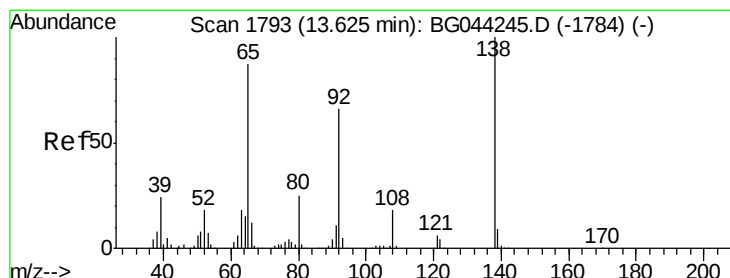
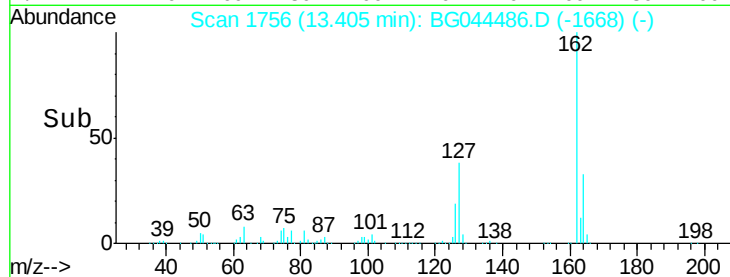
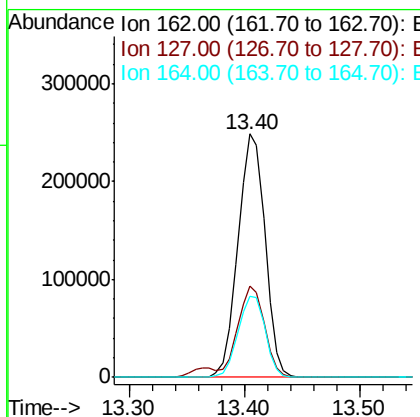
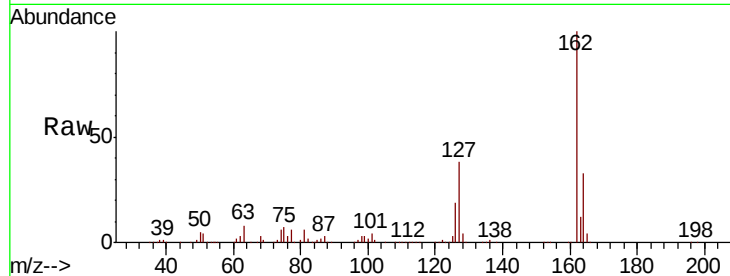




#47  
2-Chloronaphthalene  
Concen: 42.245 ng  
RT: 13.40 min Scan# 1756  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

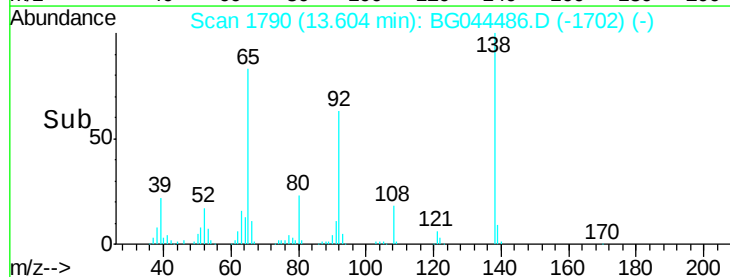
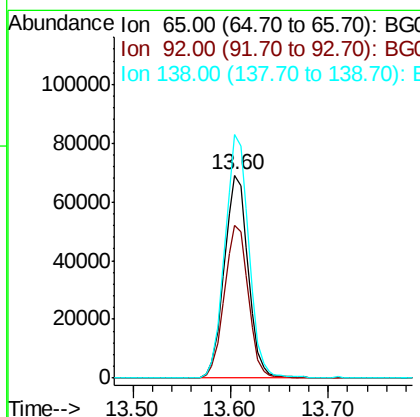
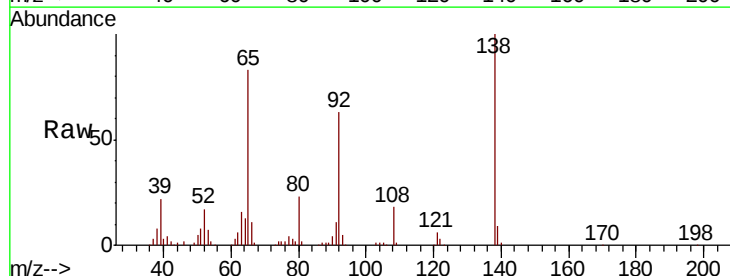
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

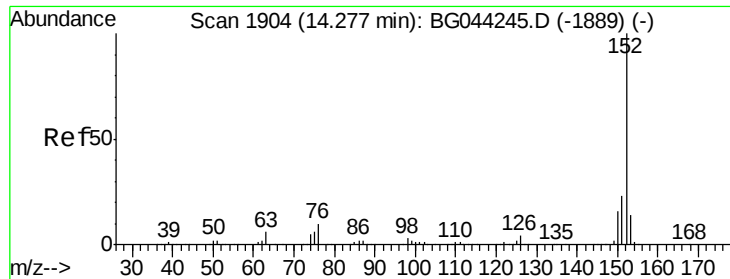
Tot Ion:162 Resp: 403981  
Ion Ratio Lower Upper  
162 100  
127 37.5 30.0 45.0  
164 33.4 27.2 40.8



#48  
2-Nitroaniline  
Concen: 41.662 ng  
RT: 13.60 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion: 65 Resp: 117578  
Ion Ratio Lower Upper  
65 100  
92 75.5 60.3 90.5  
138 119.9 91.9 137.9





#49

Acenaphthylene

Concen: 43.255 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

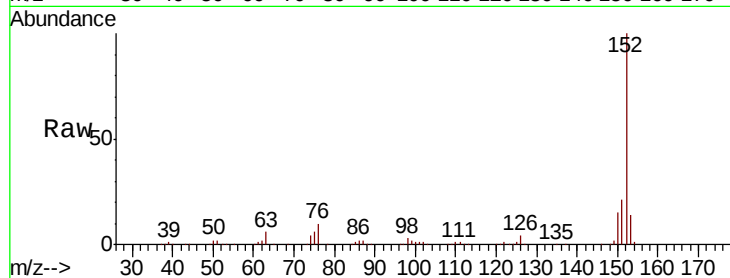
Tot Ion:152 Resp: 606709

Ion Ratio Lower Upper

152 100

151 21.2 18.1 27.1

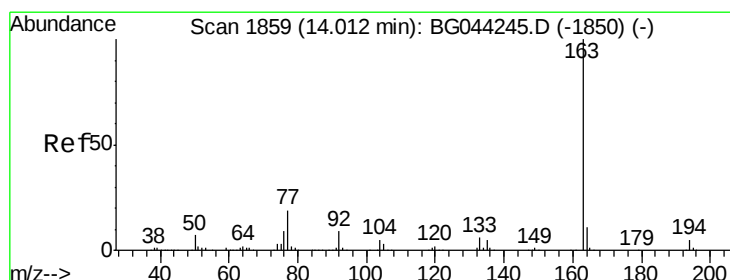
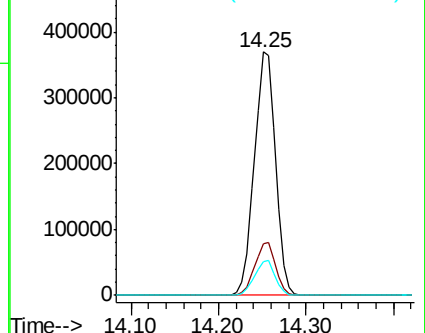
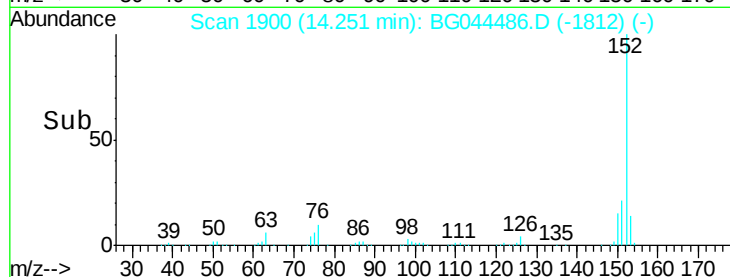
153 13.9 11.5 17.3



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: 42.088 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

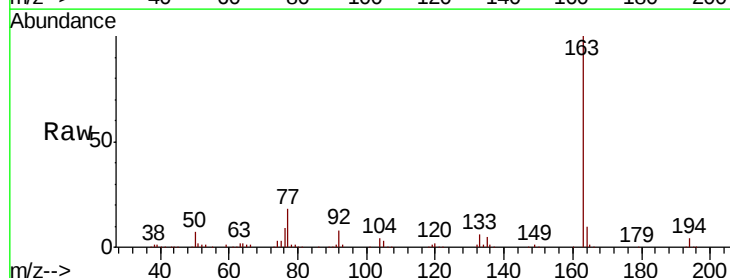
Tgt Ion:163 Resp: 504051

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

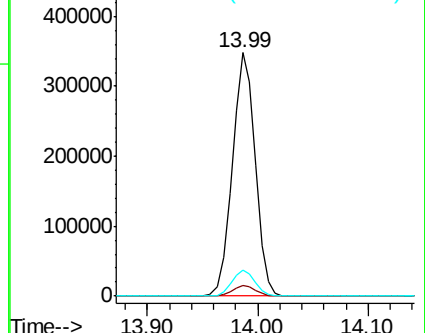
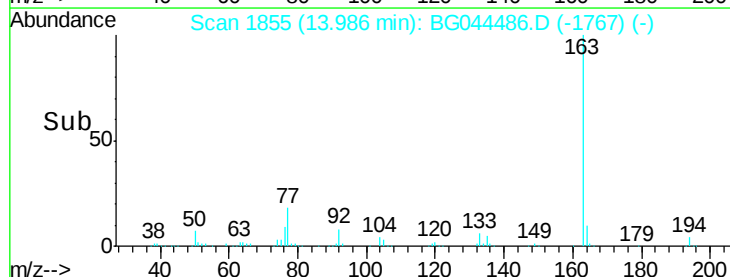
164 10.4 8.7 13.1

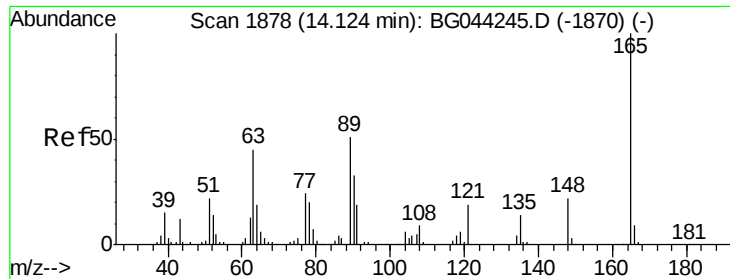


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

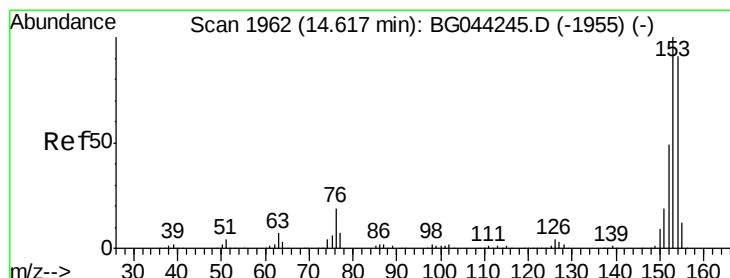
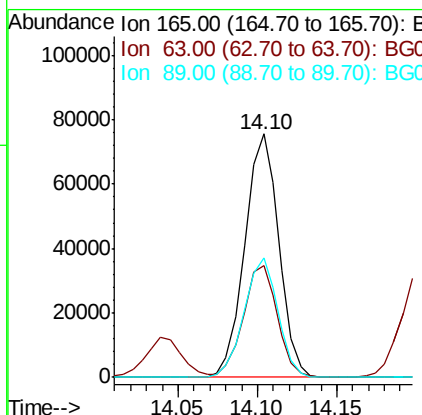
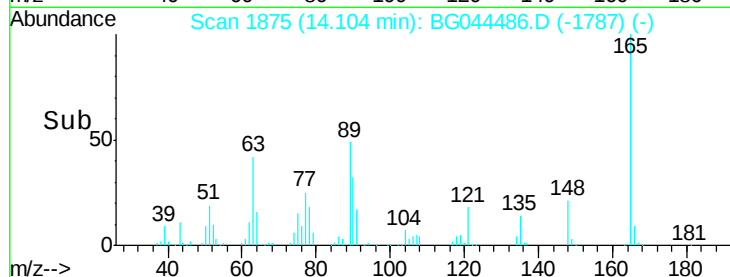
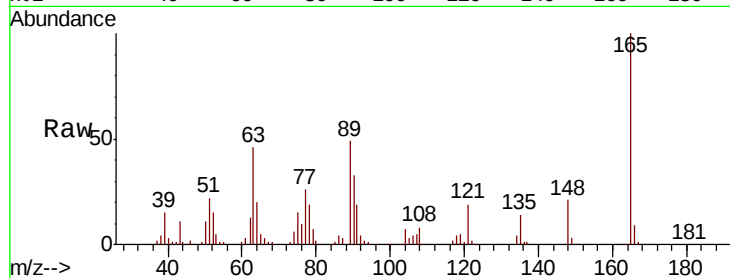




#51  
2,6-Dinitrotoluene  
Concen: 42.145 ng  
RT: 14.10 min Scan# 1875  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

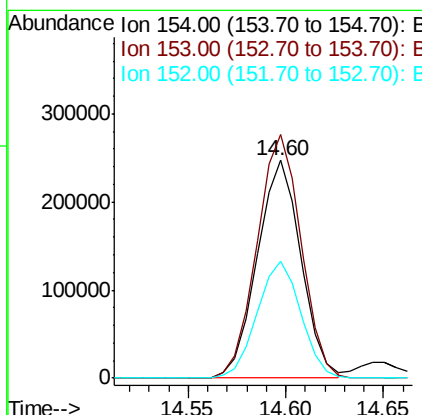
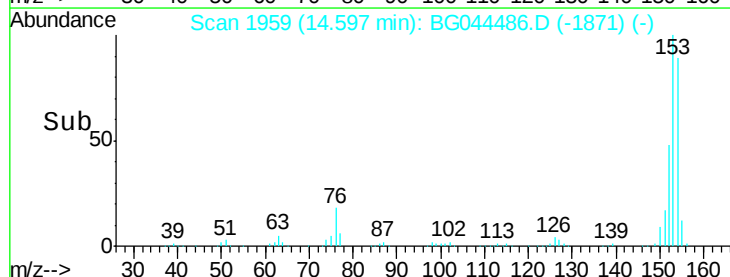
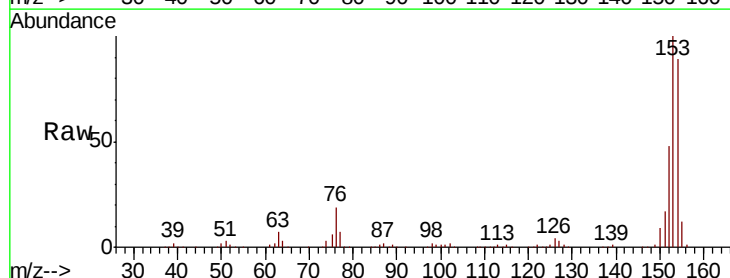
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

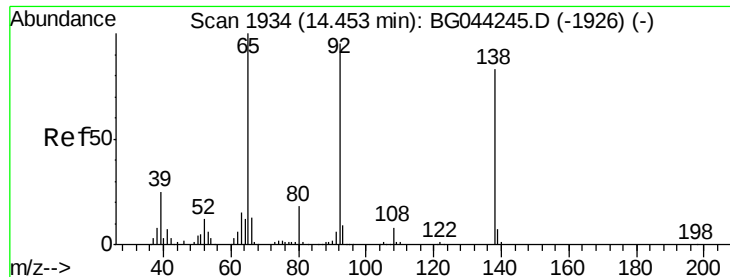
Tot Ion:165 Resp: 112538  
Ion Ratio Lower Upper  
165 100  
63 46.0 38.7 58.1  
89 49.2 40.4 60.6



#52  
Acenaphthene  
Concen: 42.191 ng  
RT: 14.60 min Scan# 1959  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion:154 Resp: 383575  
Ion Ratio Lower Upper  
154 100  
153 112.0 87.9 131.9  
152 53.9 43.1 64.7





#53

3-Nitroaniline

Concen: 43.024 ng

RT: 14.43 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

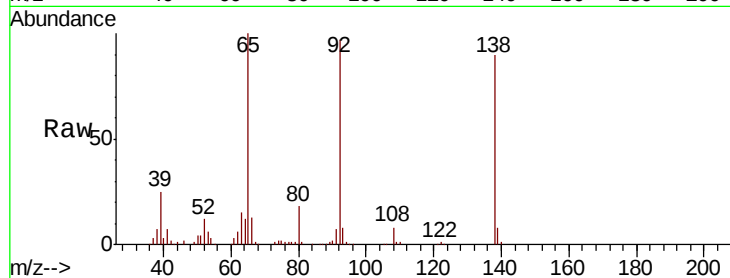
Tot Ion:138 Resp: 127104

Ion Ratio Lower Upper

138 100

108 8.9 7.9 11.9

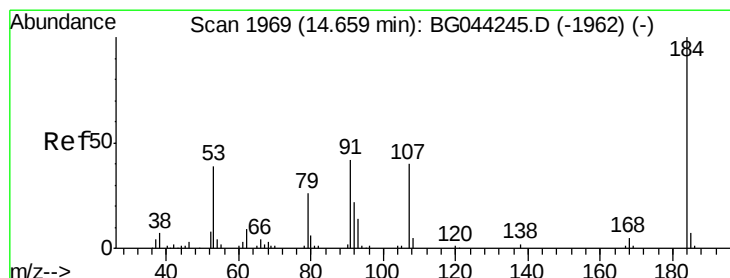
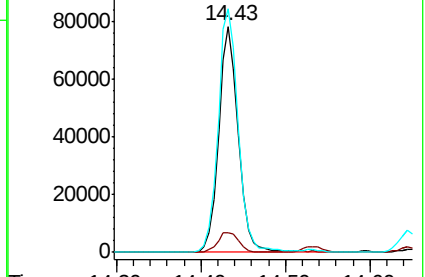
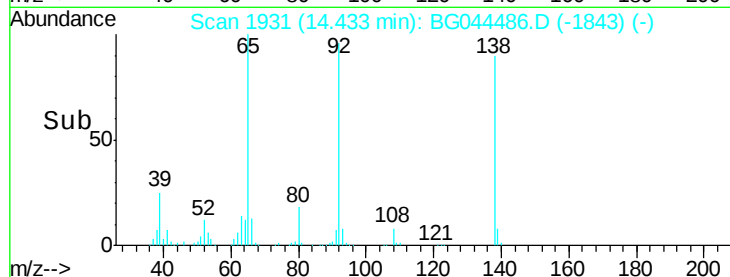
92 107.6 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 39.879 ng

RT: 14.64 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

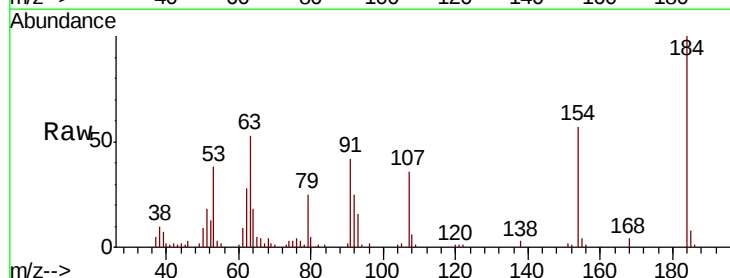
Tgt Ion:184 Resp: 56410

Ion Ratio Lower Upper

184 100

63 52.8 44.1 66.1

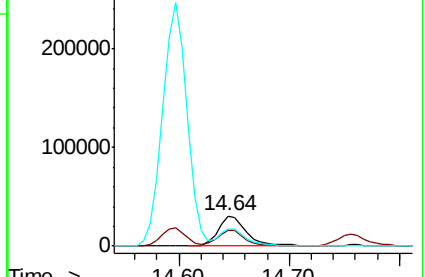
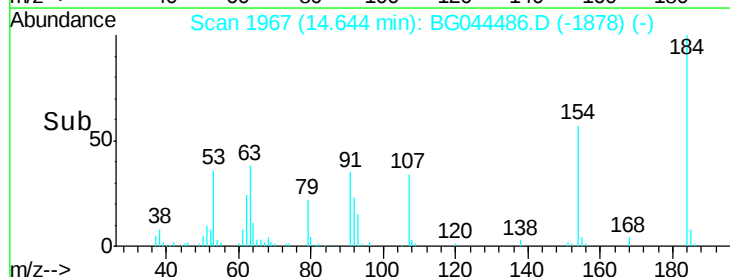
154 56.8 45.4 68.0

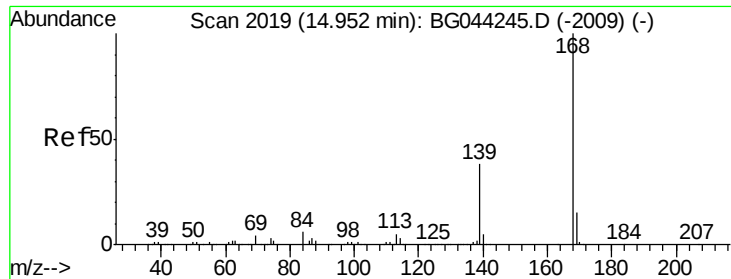


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

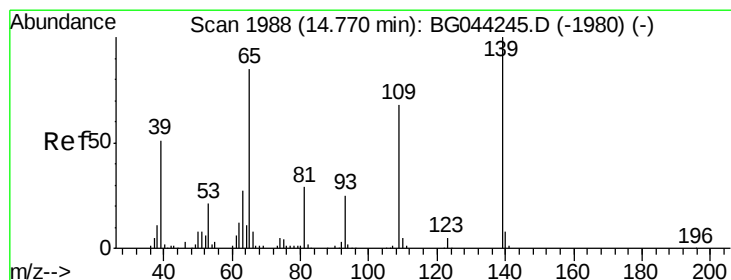
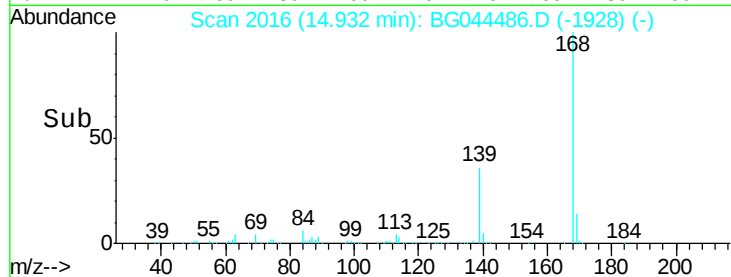
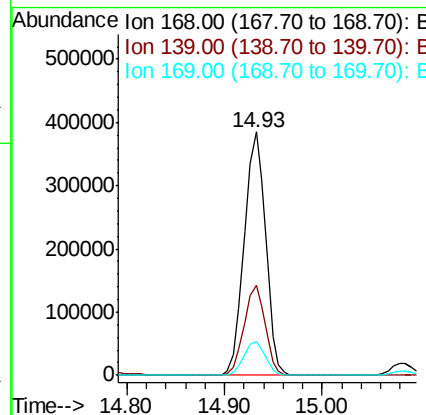
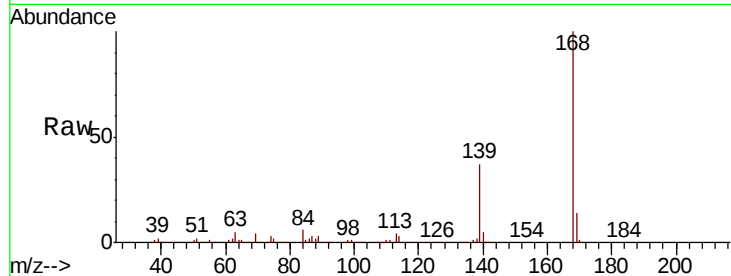




#55  
Dibenzenofuran  
Concen: 42.778 ng  
RT: 14.93 min Scan# 2016  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

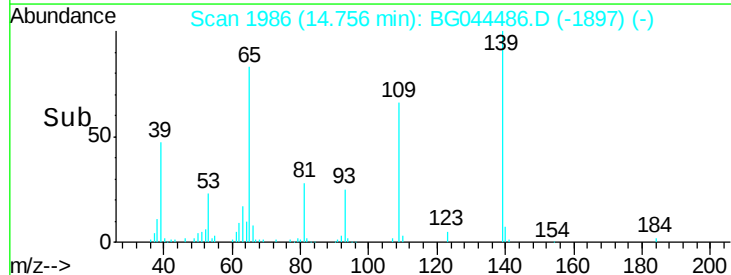
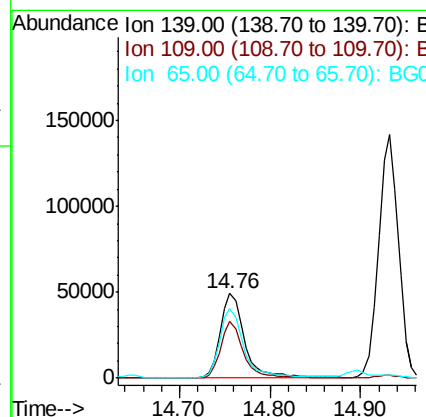
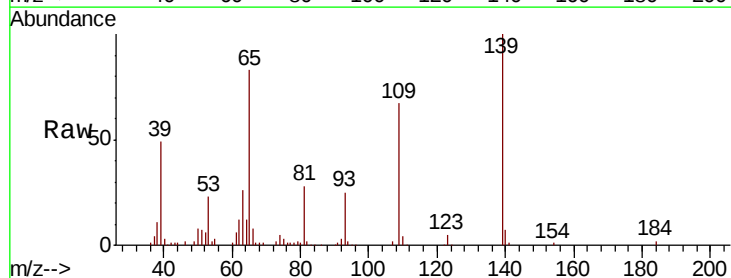
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

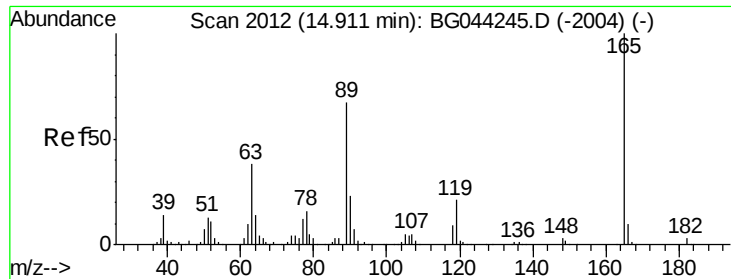
Tot Ion:168 Resp: 588827  
Ion Ratio Lower Upper  
168 100  
139 36.8 30.5 45.7  
169 14.0 11.7 17.5



#56  
4-Nitrophenol  
Concen: 42.855 ng  
RT: 14.76 min Scan# 1986  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion:139 Resp: 92739  
Ion Ratio Lower Upper  
139 100  
109 66.8 47.5 87.5  
65 82.9 64.9 104.9

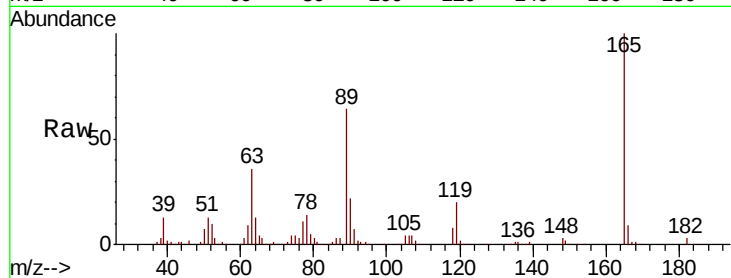




#57  
2,4-Dinitrotoluene  
Concen: 42.448 ng  
RT: 14.90 min Scan# 2010  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 36.0  | 30.3  | 45.5  |
| 89      | 64.4  | 53.4  | 80.2  |
| 182     | 2.8   | 2.1   | 3.1   |



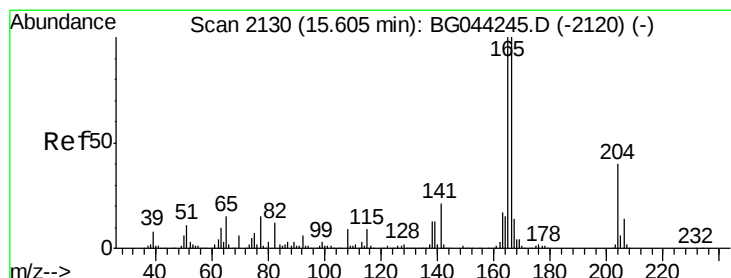
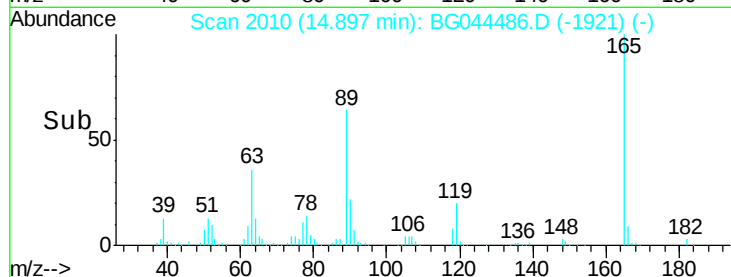
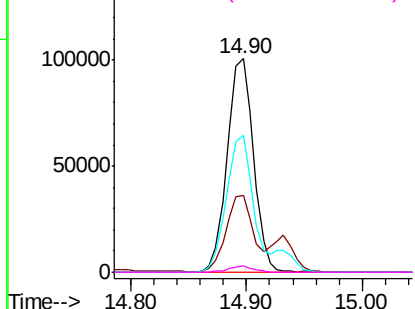
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

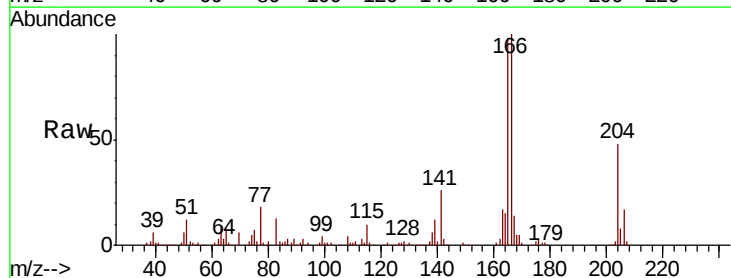
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 43.390 ng  
RT: 15.58 min Scan# 2126  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.3  | 79.9  | 119.9 |
| 167     | 14.3  | 11.4  | 17.0  |

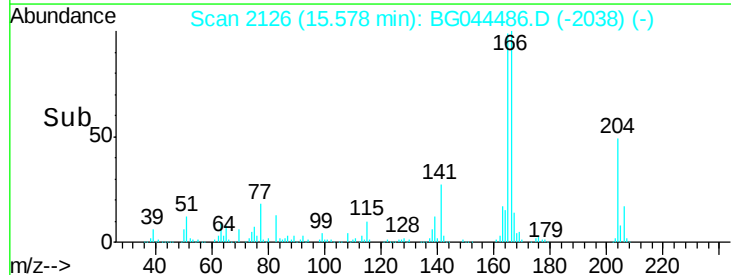
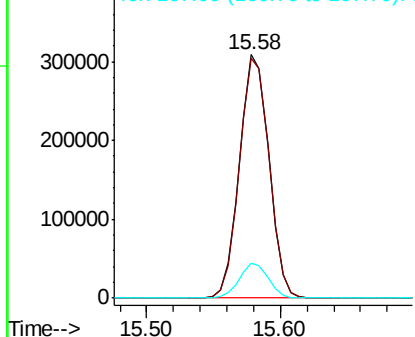


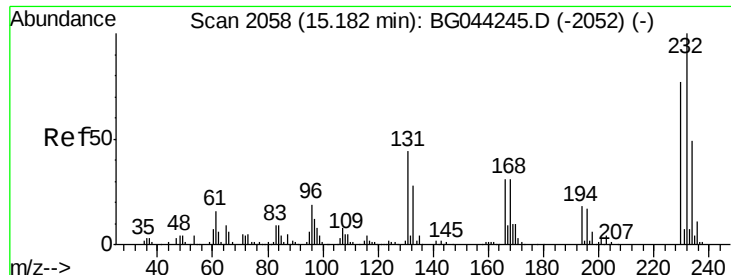
Abundance

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

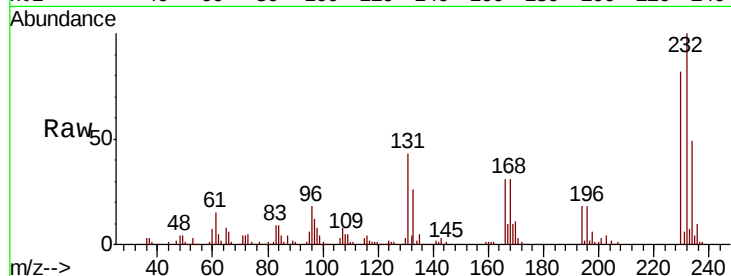




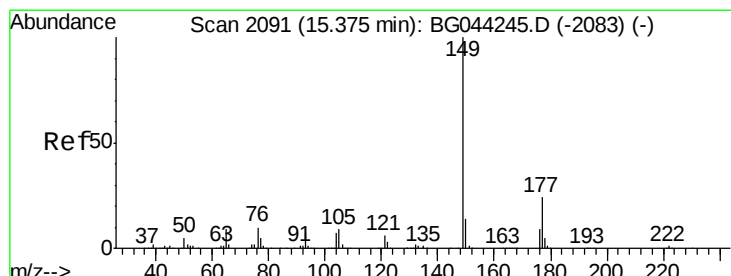
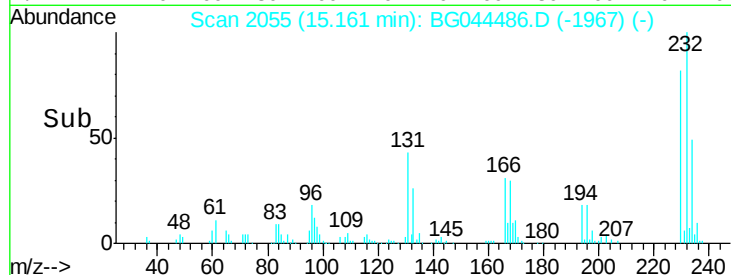
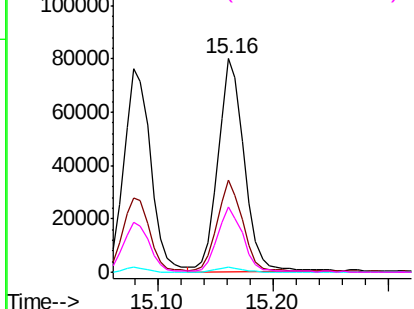
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.874 ng  
RT: 15.16 min Scan# 2055  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 124450    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 42.0  | 34.2 51.4 |
| 130         | 2.4   | 1.8 2.8   |
| 166         | 29.6  | 23.8 35.8 |

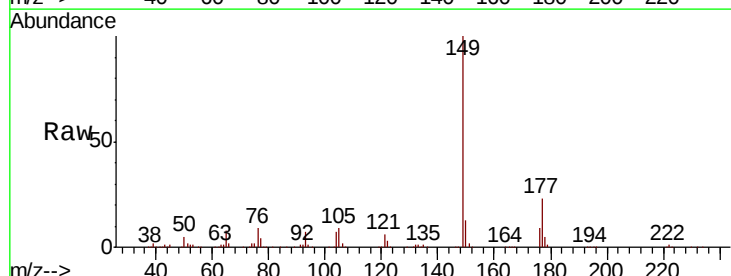


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

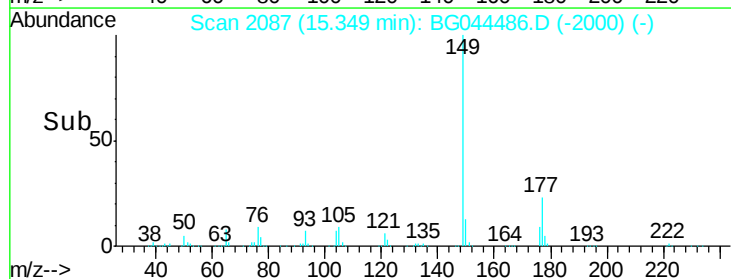
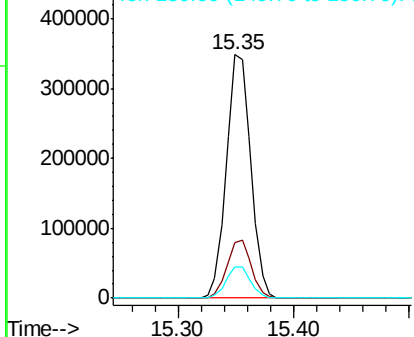


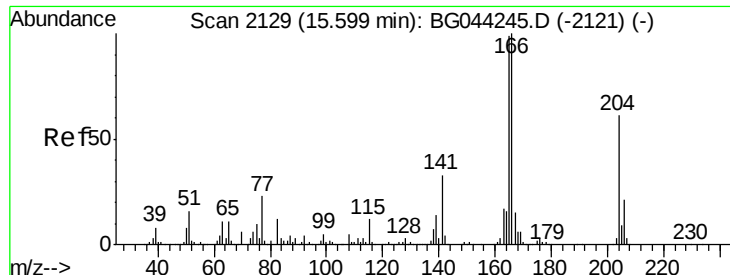
#60  
Diethylphthalate  
Concen: 42.528 ng  
RT: 15.35 min Scan# 2087  
Delta R.T. -0.02 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 507496    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 22.8  | 19.4 29.0 |
| 150         | 12.8  | 10.9 16.3 |



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

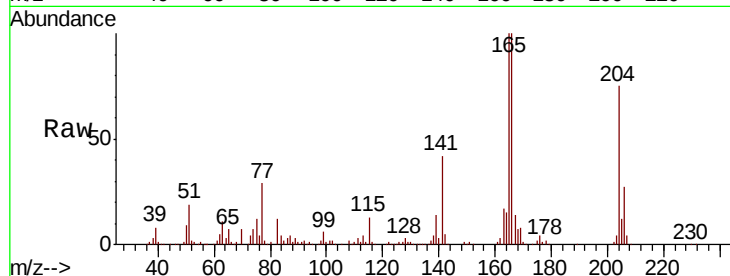




#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.869 ng  
 RT: 15.57 min Scan# 2125  
 Delta R.T. -0.01 min  
 Lab File: BG044486.D  
 Acq: 19 Feb 2020 11:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.2  | 27.6  | 41.4  |
| 141     | 56.0  | 43.4  | 65.0  |

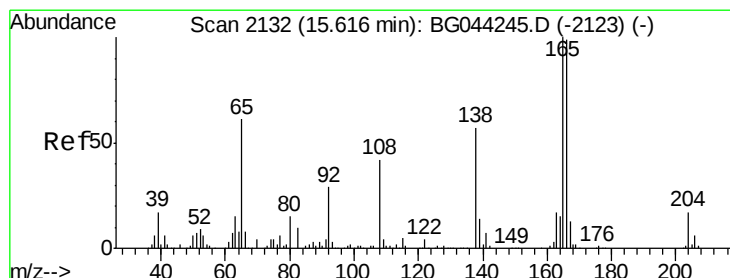
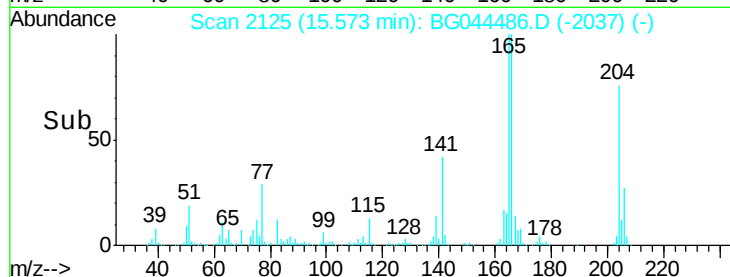
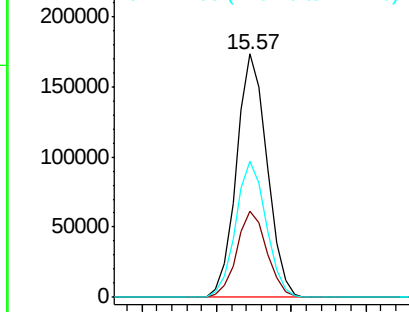


Abundance

Ion 204.00 (203.70 to 204.70): E

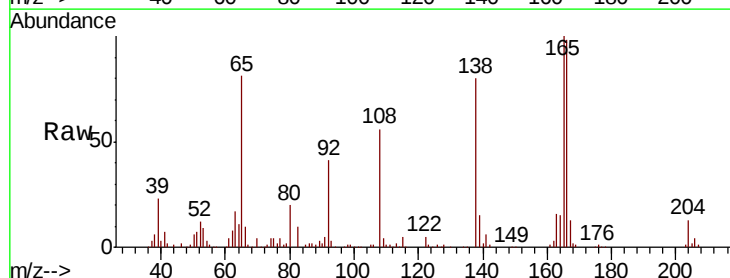
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
 4-Nitroaniline  
 Concen: 44.431 ng  
 RT: 15.60 min Scan# 2129  
 Delta R.T. -0.01 min  
 Lab File: BG044486.D  
 Acq: 19 Feb 2020 11:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.3  | 31.3  | 71.3  |
| 108     | 69.8  | 52.6  | 92.6  |

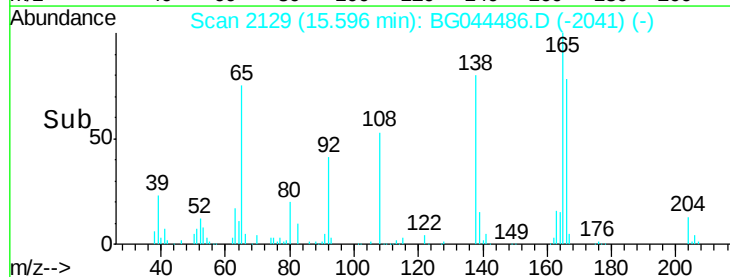
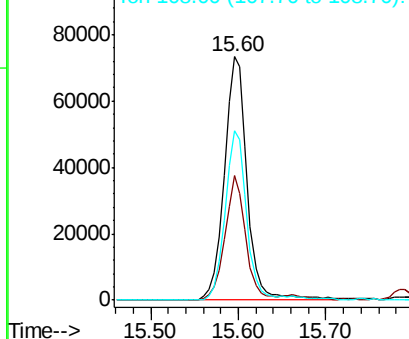


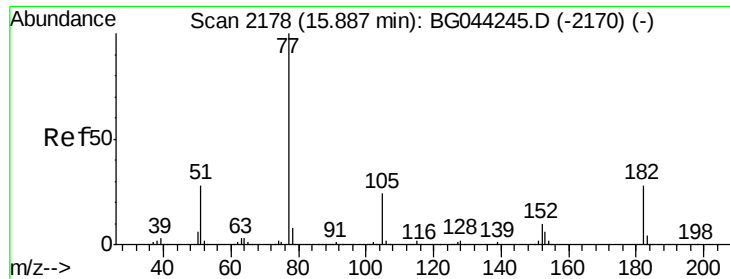
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

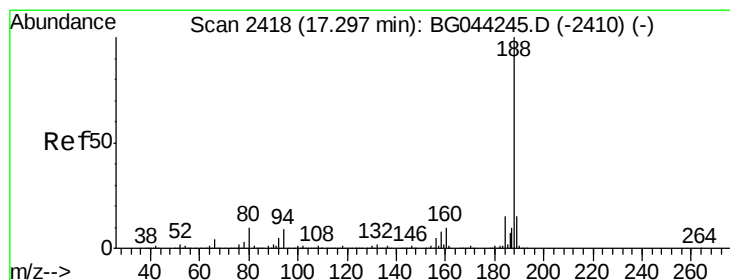
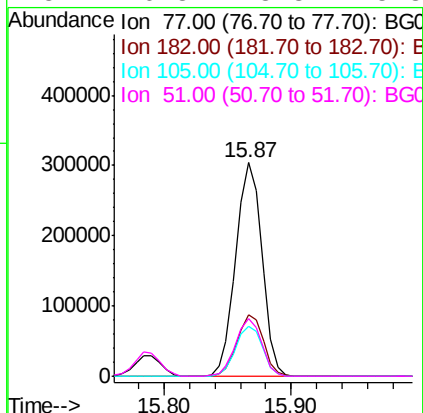
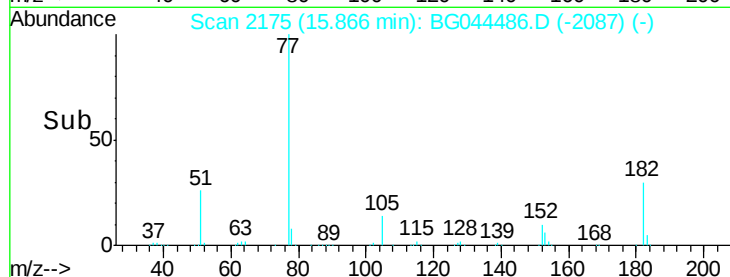
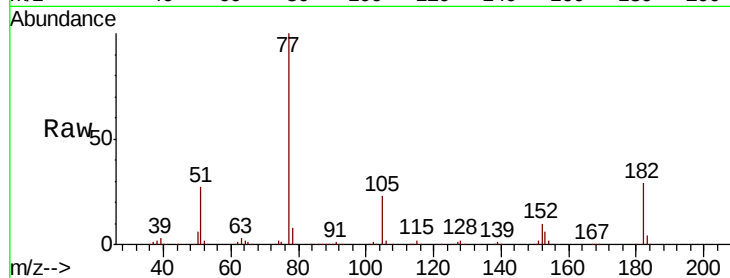




#63  
Azobenzene  
Concen: 41.547 ng  
RT: 15.87 min Scan# 2175  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

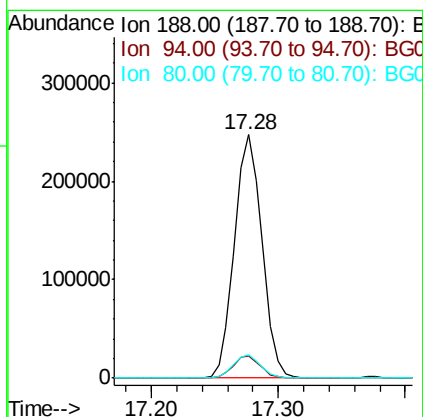
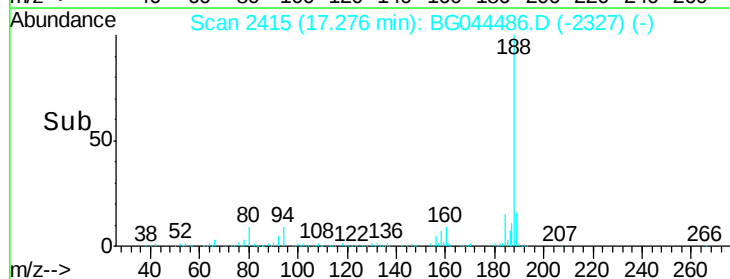
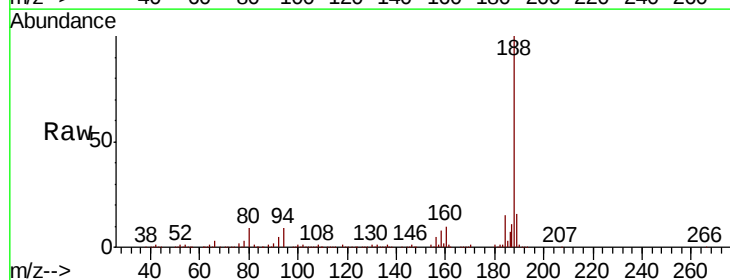
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

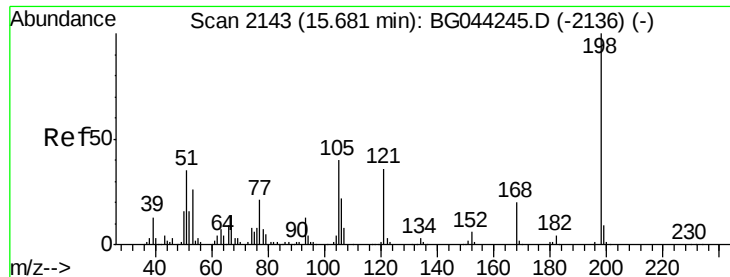
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 434528 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 28.6  | 8.2   | 48.2   |
| 105      | 23.1  | 3.6   | 43.6   |
| 51       | 26.8  | 8.3   | 48.3   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.28 min Scan# 2415  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 370604 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.3   | 7.4   | 11.2   |
| 80       | 9.4   | 7.7   | 11.5   |





#65

4,6-Dinitro-2-methylphenol

Concen: 41.358 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

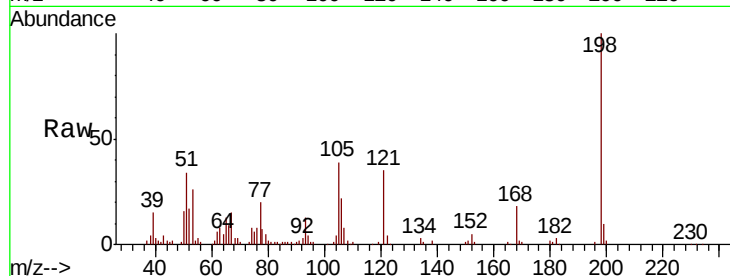
Tot Ion:198 Resp: 84608

Ion Ratio Lower Upper

198 100

51 33.7 16.6 56.6

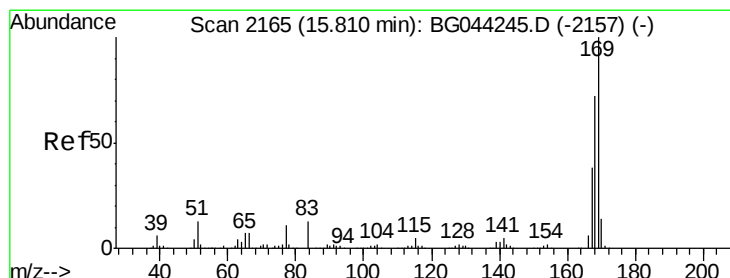
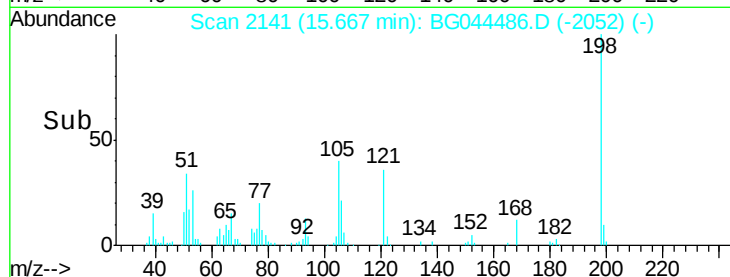
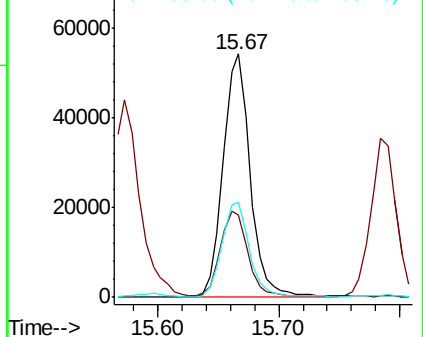
105 39.0 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.508 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

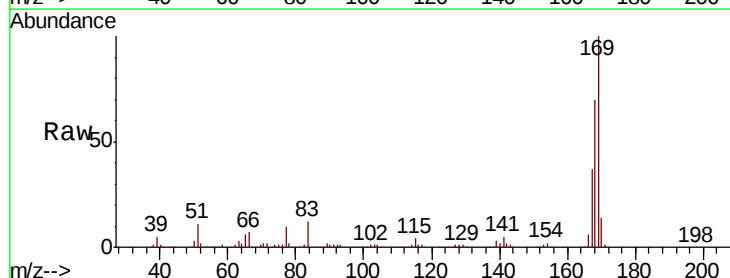
Tgt Ion:169 Resp: 431101

Ion Ratio Lower Upper

169 100

168 69.8 57.9 86.9

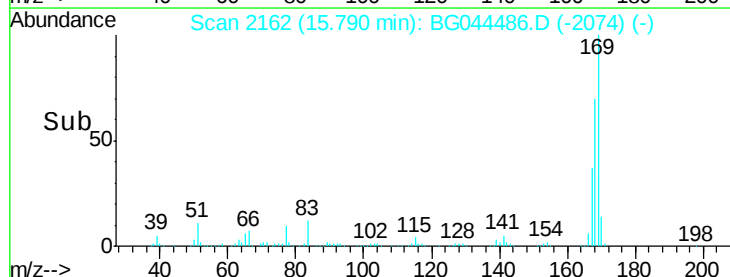
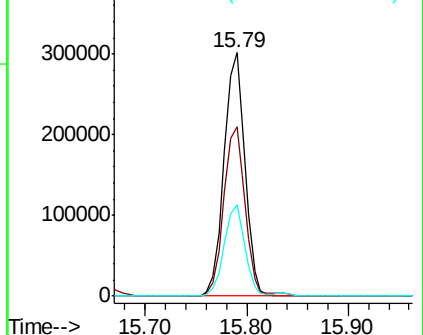
167 37.3 30.7 46.1

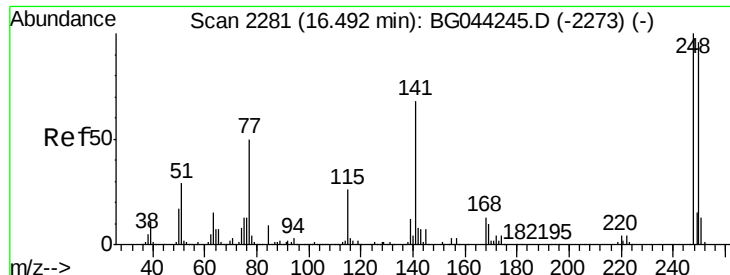


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

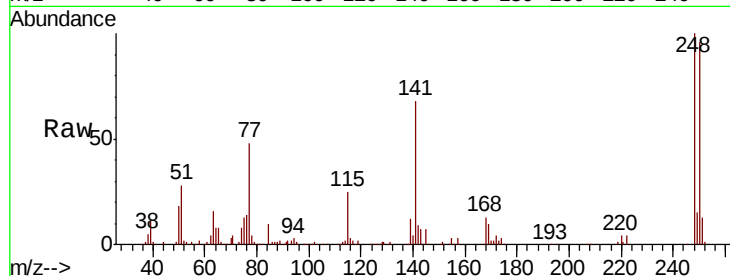




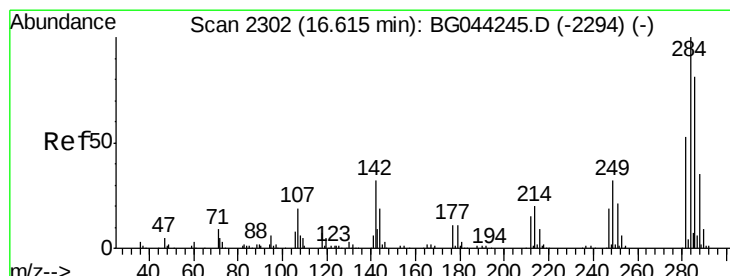
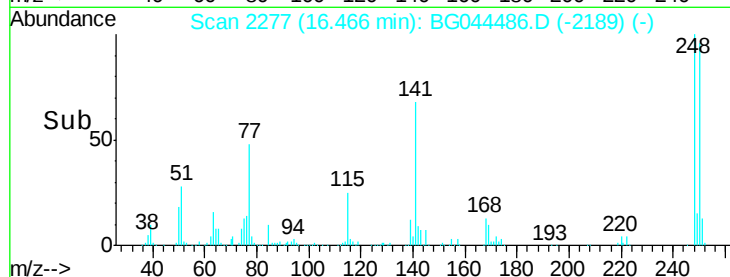
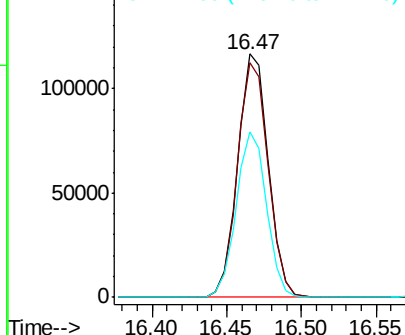
#67  
4-Bromophenyl-phenylether  
Concen: 41.184 ng  
RT: 16.47 min Scan# 2277  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:248 Resp: 166286  
Ion Ratio Lower Upper  
248 100  
250 96.3 76.6 114.8  
141 68.1 54.7 82.1

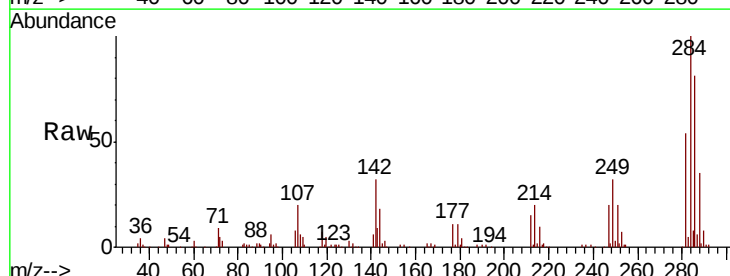


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

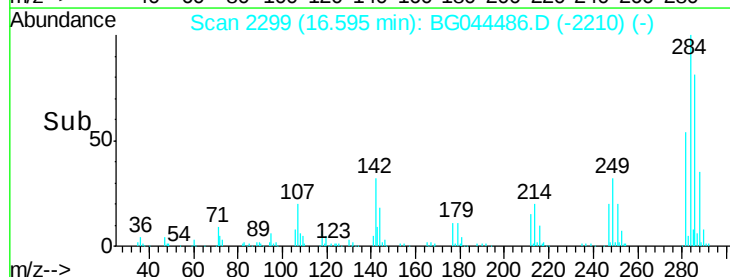
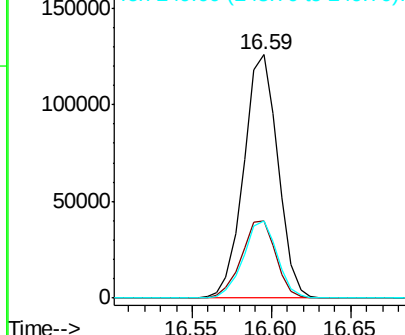


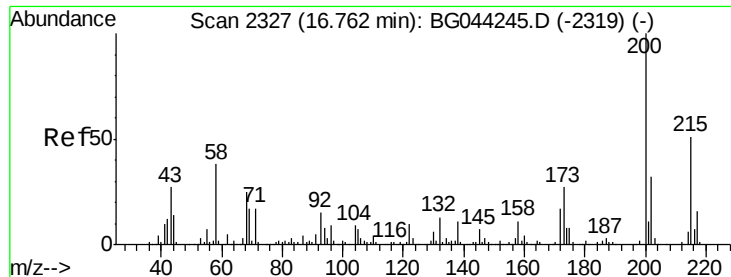
#68  
Hexachlorobenzene  
Concen: 41.566 ng  
RT: 16.59 min Scan# 2299  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion:284 Resp: 188028  
Ion Ratio Lower Upper  
284 100  
142 31.7 25.3 37.9  
249 31.6 25.5 38.3



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: 38.841 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

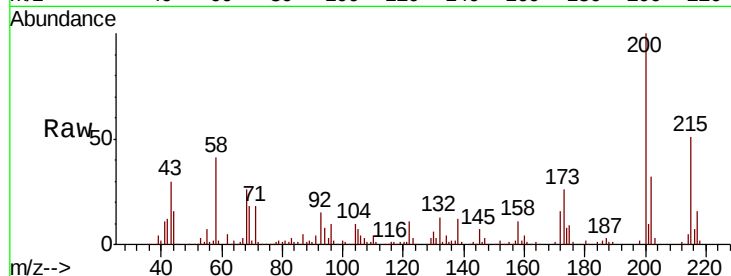
Tot Ion:200 Resp: 138267

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

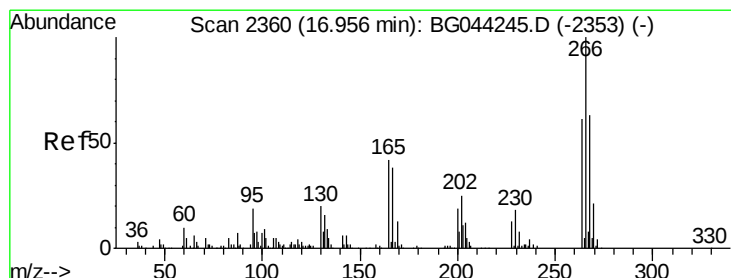
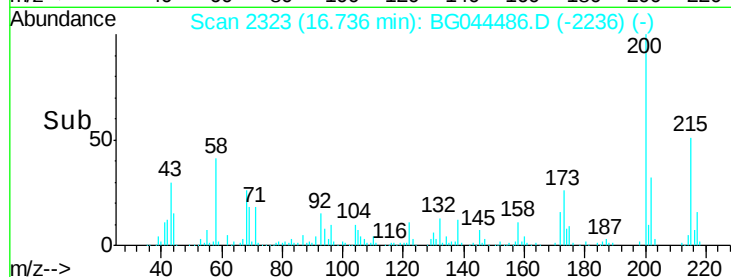
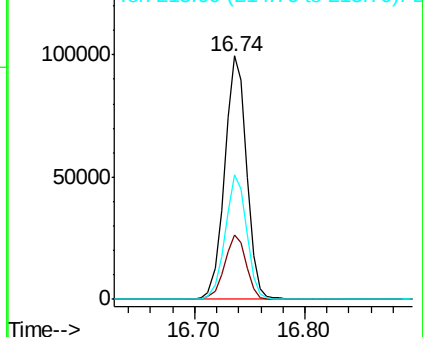
215 50.9 31.0 71.0



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: 39.433 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

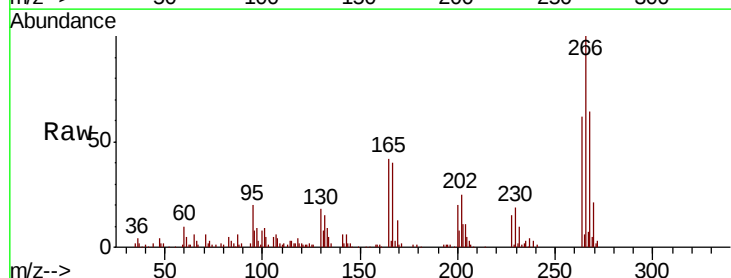
Tgt Ion:266 Resp: 86409

Ion Ratio Lower Upper

266 100

268 63.9 50.6 75.8

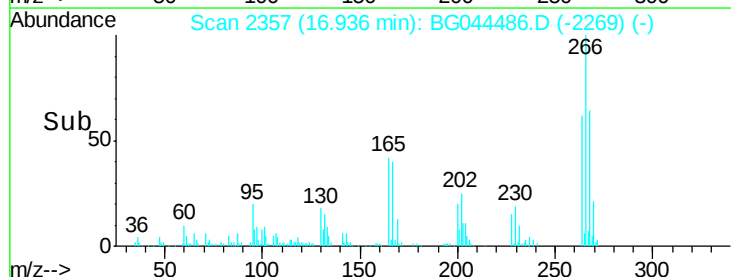
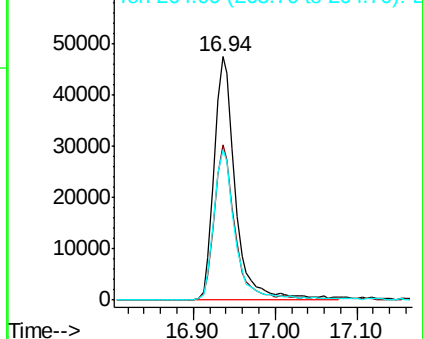
264 61.8 48.7 73.1

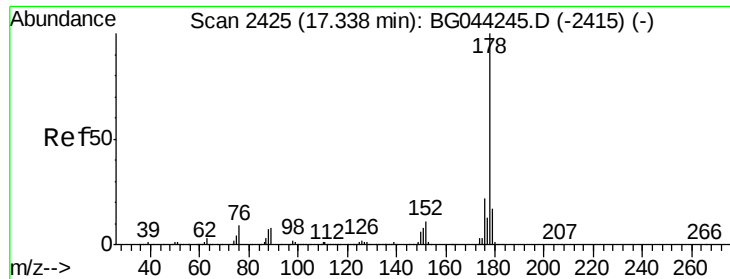


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

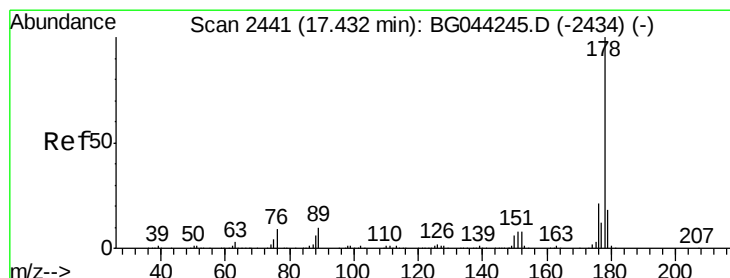
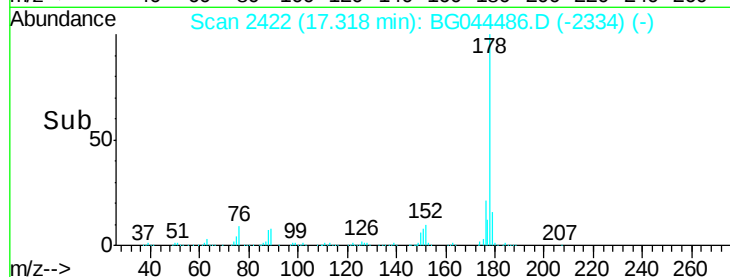
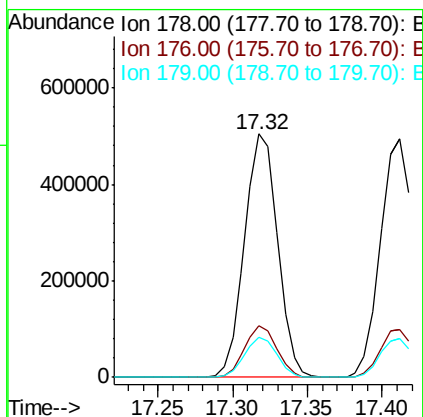
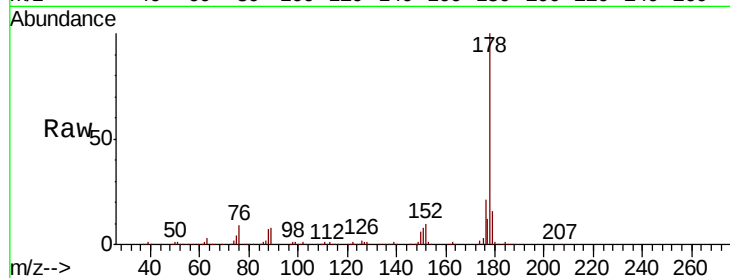




#71  
Phenanthrene  
Concen: 43.143 ng  
RT: 17.32 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

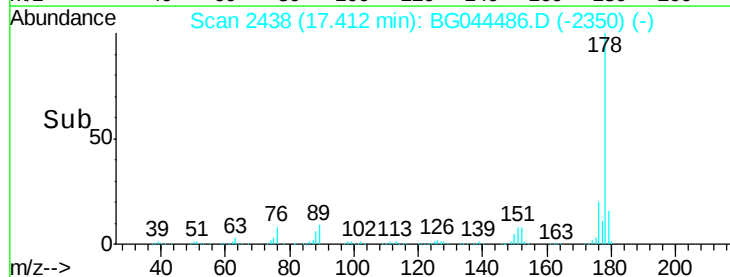
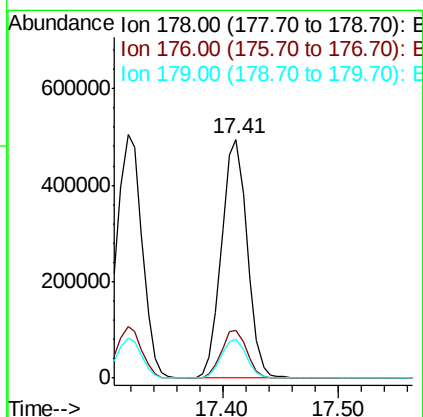
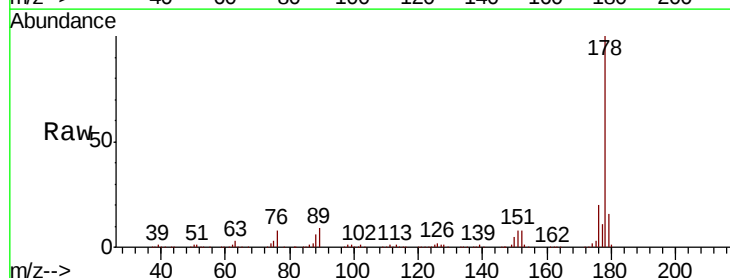
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

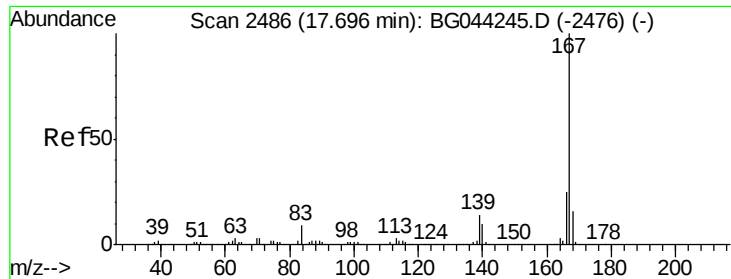
Tot Ion:178 Resp: 774238  
Ion Ratio Lower Upper  
178 100  
176 21.1 17.7 26.5  
179 16.3 13.7 20.5



#72  
Anthracene  
Concen: 42.877 ng  
RT: 17.41 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion:178 Resp: 760749  
Ion Ratio Lower Upper  
178 100  
176 20.3 17.0 25.4  
179 16.5 14.4 21.6

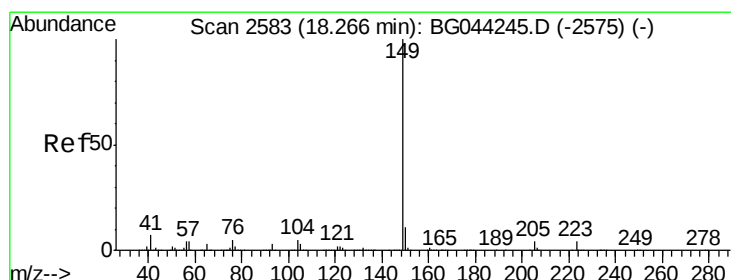
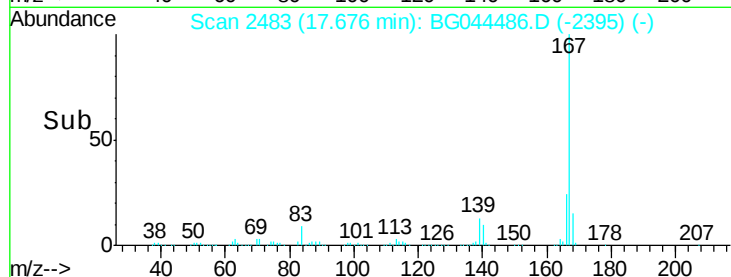
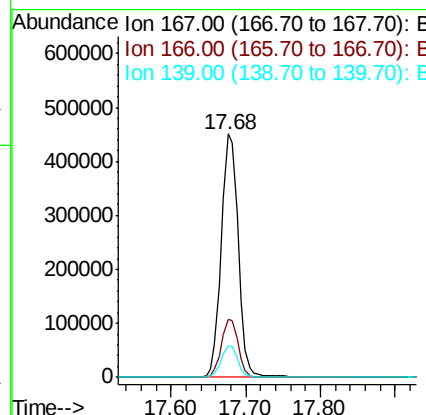
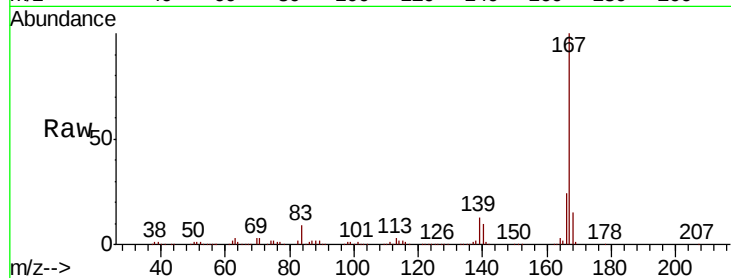




#73  
 Carbazole  
 Concen: 43.651 ng  
 RT: 17.68 min Scan# 2483  
 Delta R.T. -0.01 min  
 Lab File: BG044486.D  
 Acq: 19 Feb 2020 11:30

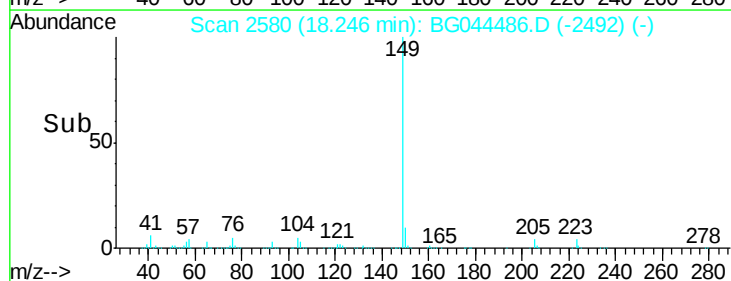
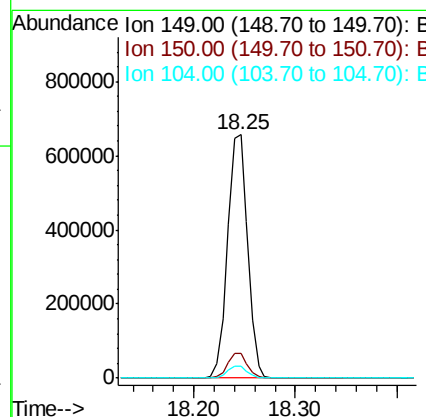
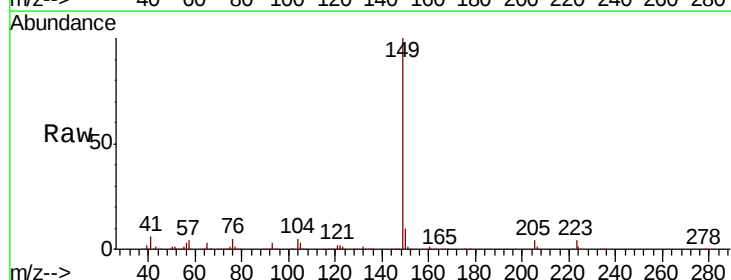
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

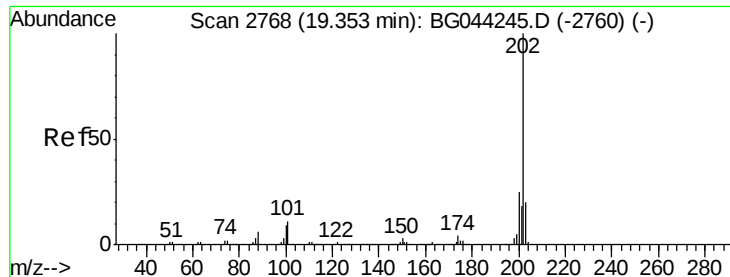
Tot Ion:167 Resp: 713983  
 Ion Ratio Lower Upper  
 167 100  
 166 24.0 19.8 29.6  
 139 13.0 11.1 16.7



#74  
 Di-n-butylphthalate  
 Concen: 44.542 ng  
 RT: 18.25 min Scan# 2580  
 Delta R.T. -0.01 min  
 Lab File: BG044486.D  
 Acq: 19 Feb 2020 11:30

Tgt Ion:149 Resp: 900320  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 8.7 13.1  
 104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 44.132 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

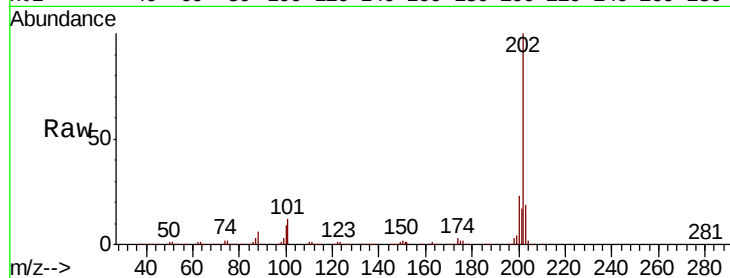
Tot Ion:202 Resp: 916186

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

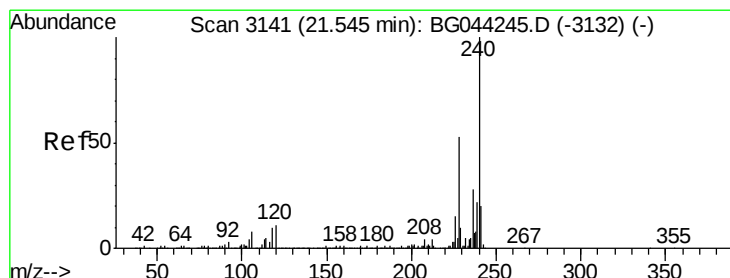
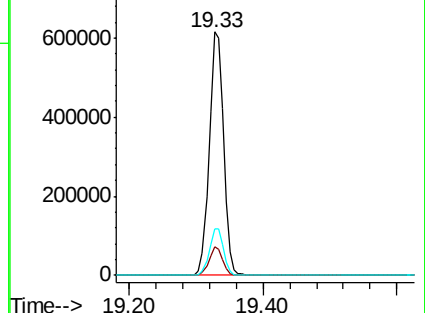
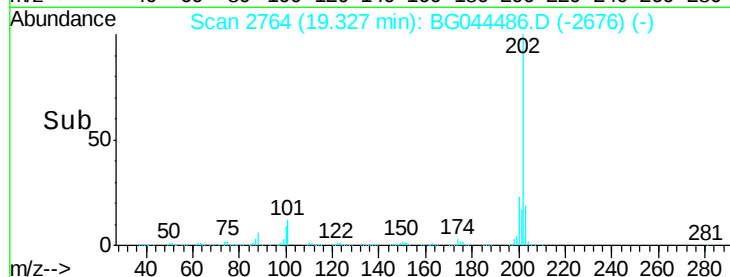
203 18.9 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

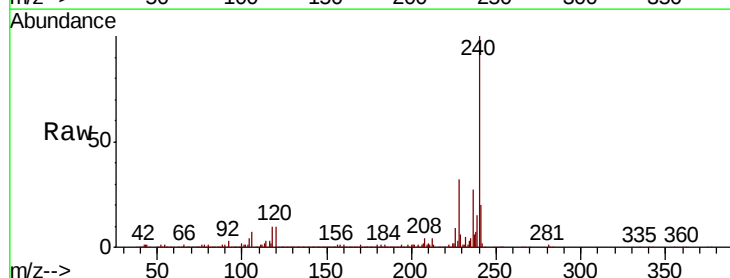
Tgt Ion:240 Resp: 361861

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

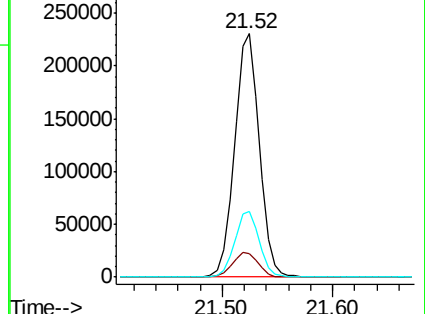
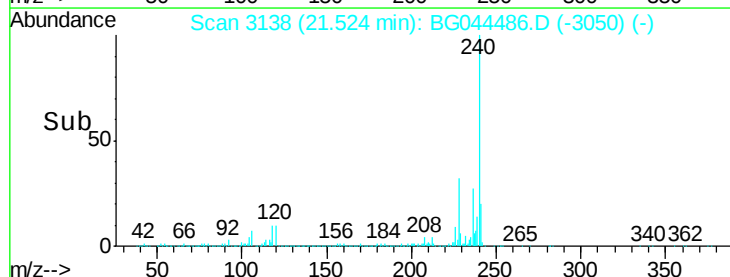
236 27.2 22.1 33.1

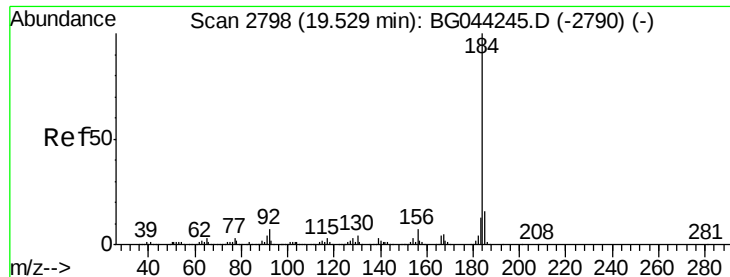


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.435 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

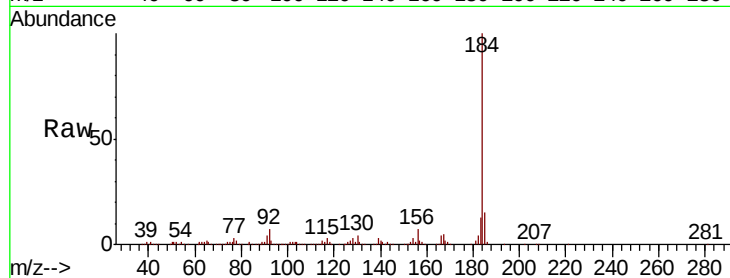
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 415887

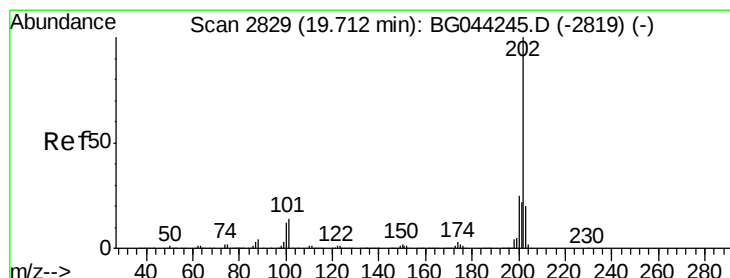
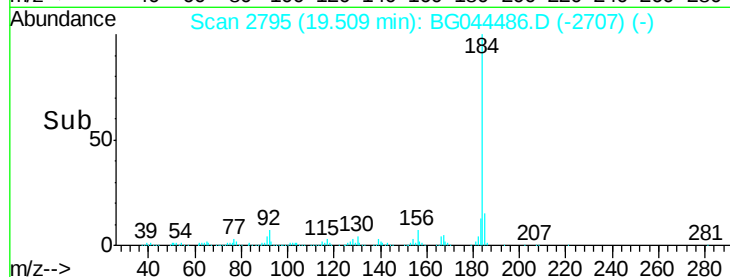
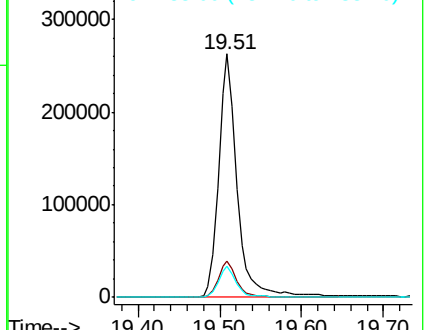
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.1  | 12.9  | 19.3  |
| 183 | 13.0  | 10.8  | 16.2  |



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: 39.936 ng

RT: 19.69 min Scan# 2826

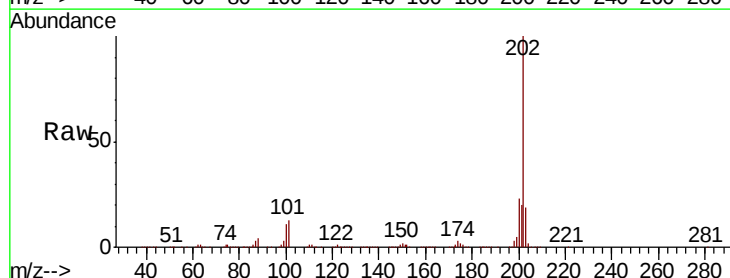
Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Tgt Ion:202 Resp: 928061

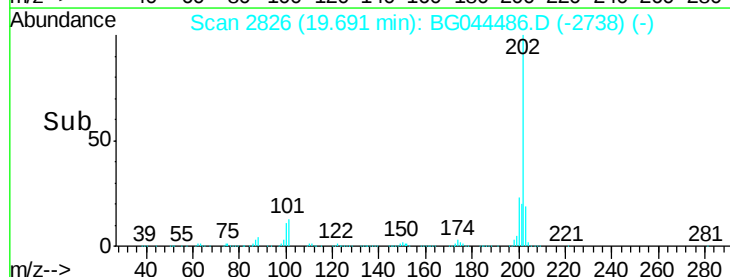
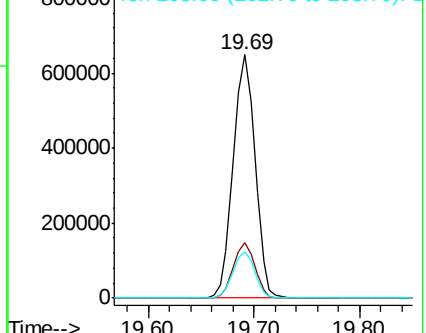
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.9  | 20.0  | 30.0  |
| 203 | 19.1  | 16.2  | 24.2  |

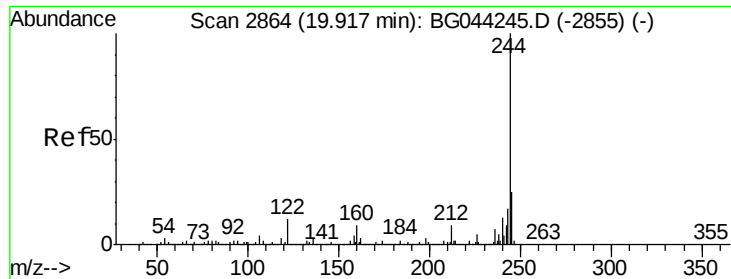


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.430 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

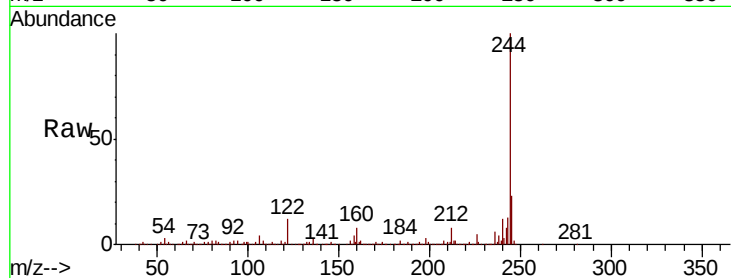
Tot Ion:244 Resp: 1344624

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

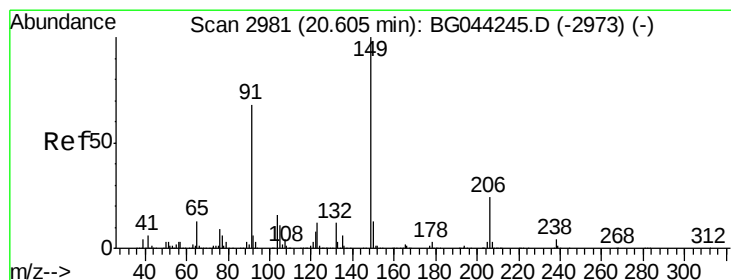
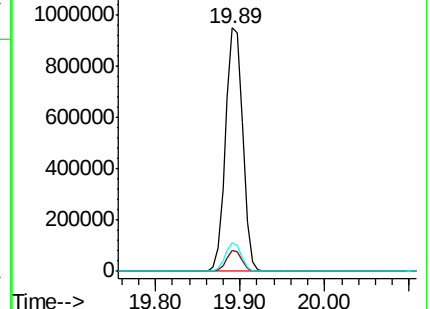
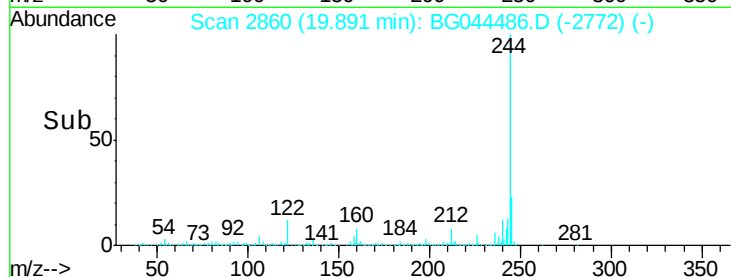
122 11.8 9.8 14.6



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: 40.320 ng

RT: 20.58 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

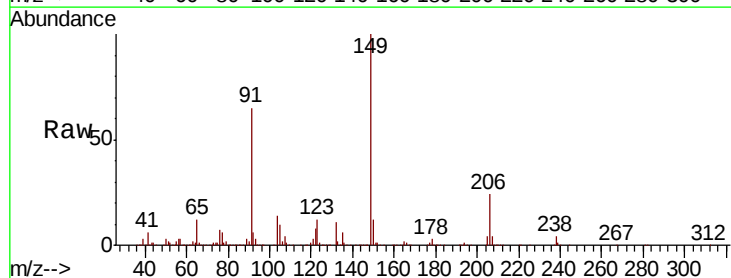
Tgt Ion:149 Resp: 426991

Ion Ratio Lower Upper

149 100

91 64.7 54.5 81.7

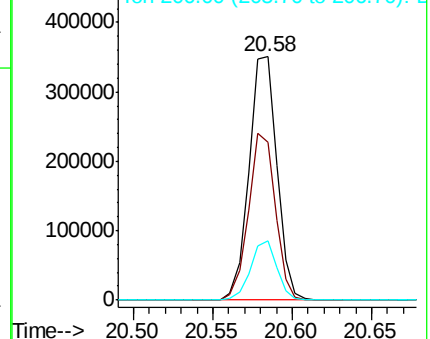
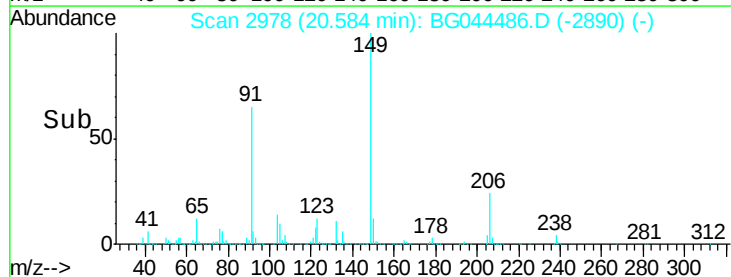
206 24.4 19.1 28.7

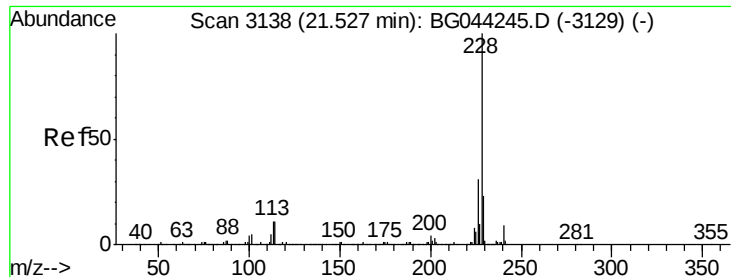


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

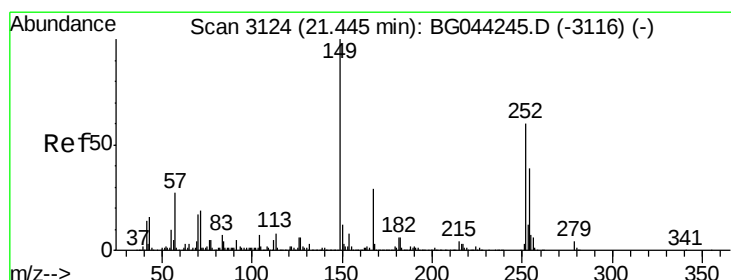
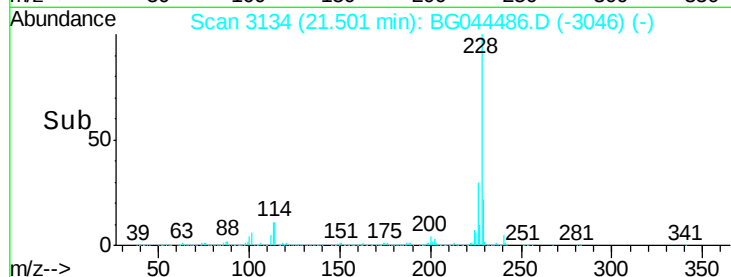
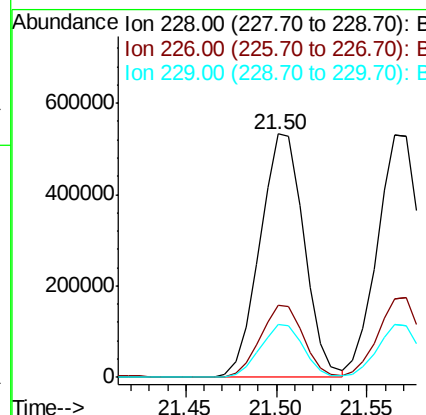
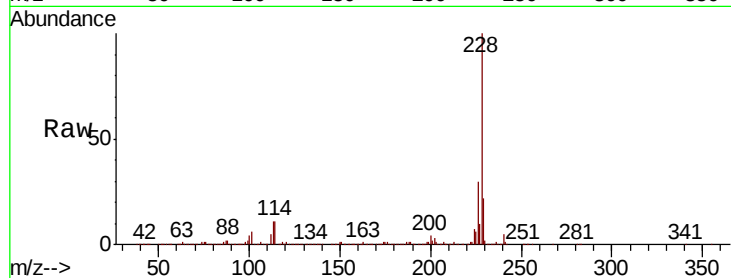




#81  
Benzo(a)anthracene  
Concen: 40.496 ng  
RT: 21.50 min Scan# 3134  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

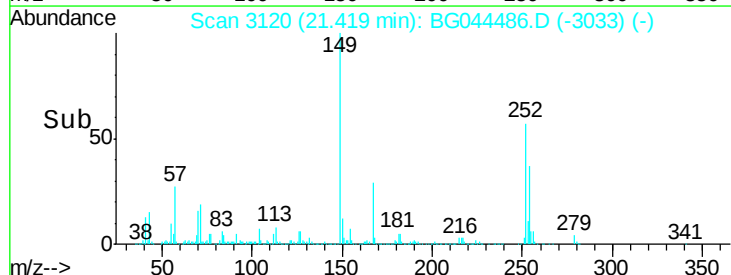
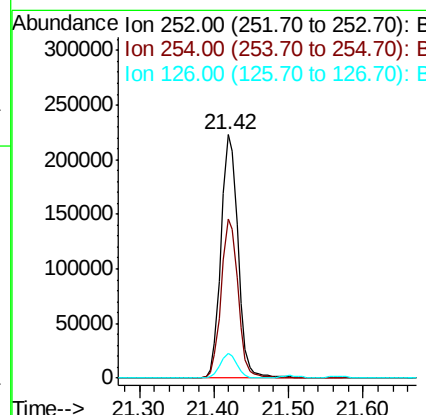
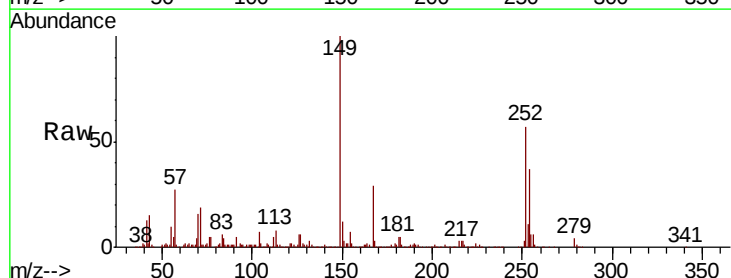
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

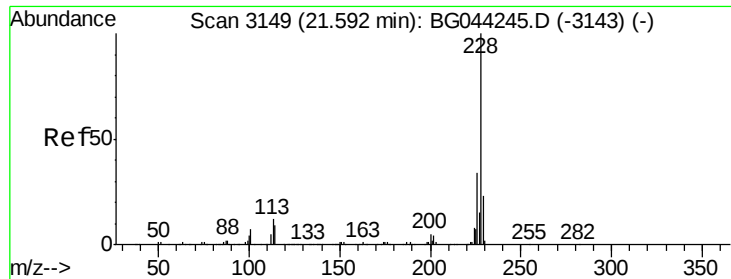
Tot Ion:228 Resp: 903130  
Ion Ratio Lower Upper  
228 100  
226 29.5 24.7 37.1  
229 21.8 18.2 27.4



#82  
3,3'-Dichlorobenzidine  
Concen: 40.816 ng  
RT: 21.42 min Scan# 3120  
Delta R.T. -0.02 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion:252 Resp: 353290  
Ion Ratio Lower Upper  
252 100  
254 65.3 52.6 78.8  
126 10.1 8.2 12.4





#83

Chrysene

Concen: 40.515 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

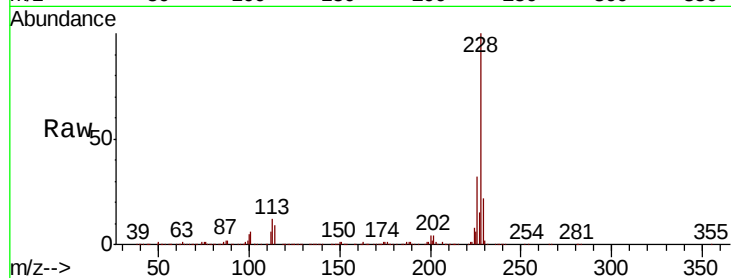
Tot Ion:228 Resp: 873379

Ion Ratio Lower Upper

228 100

226 32.5 27.1 40.7

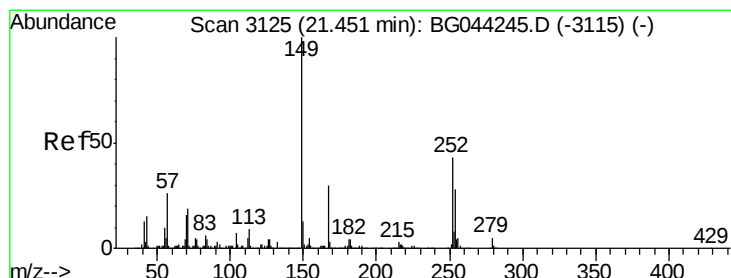
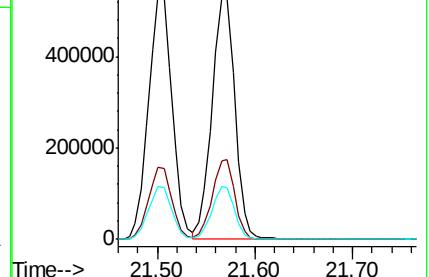
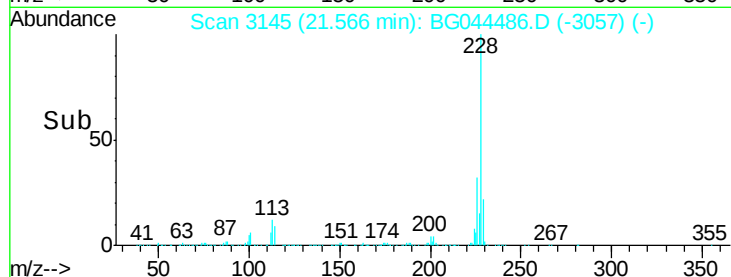
229 21.7 17.9 26.9



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: 40.306 ng

RT: 21.42 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

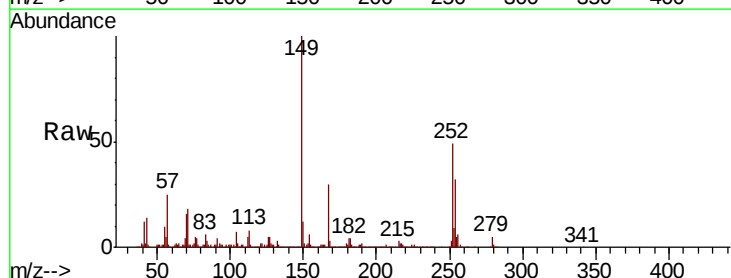
Tgt Ion:149 Resp: 587516

Ion Ratio Lower Upper

149 100

167 29.6 24.0 36.0

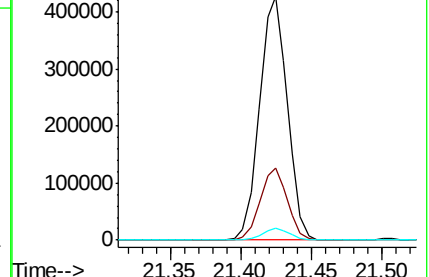
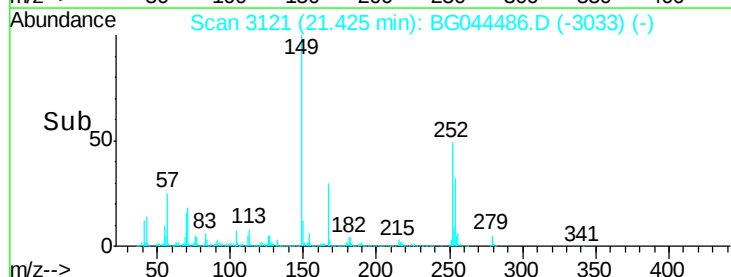
279 5.0 3.8 5.8

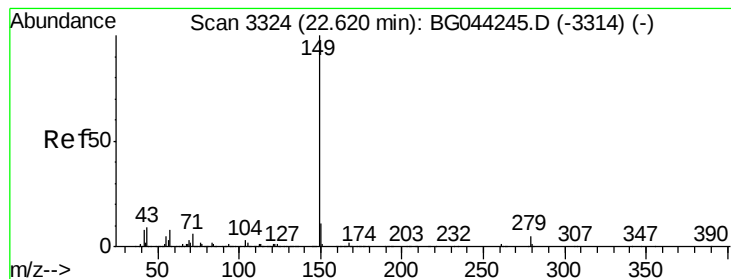


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.863 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

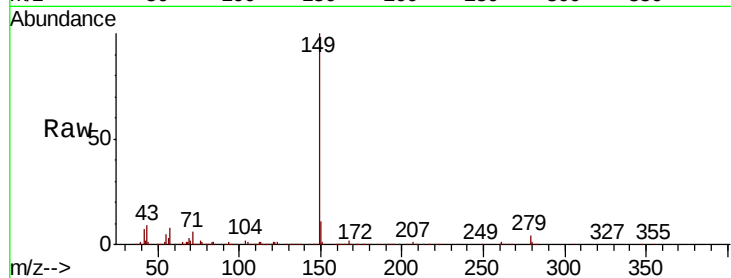
Tot Ion:149 Resp: 1055802

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

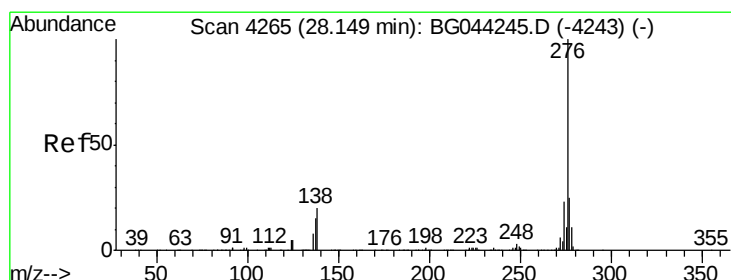
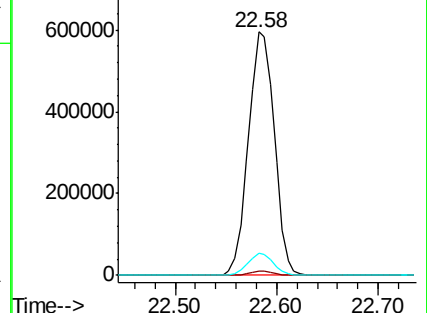
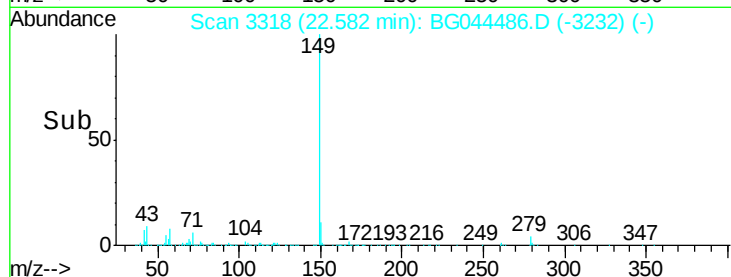
43 8.9 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.167 ng

RT: 28.10 min Scan# 4257

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

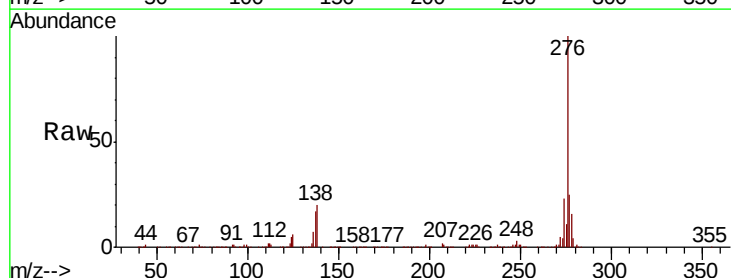
Tgt Ion:276 Resp: 1129668

Ion Ratio Lower Upper

276 100

138 24.4 19.4 29.0

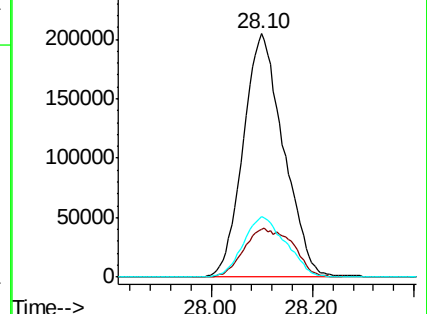
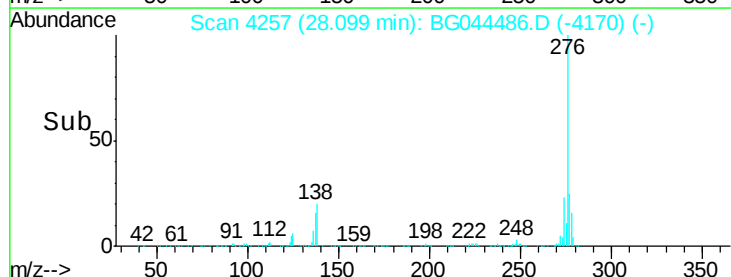
277 26.3 21.0 31.6

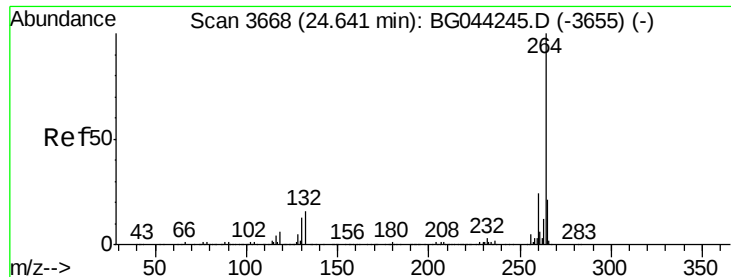


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

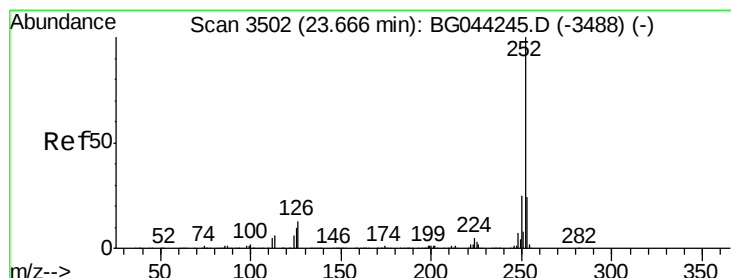
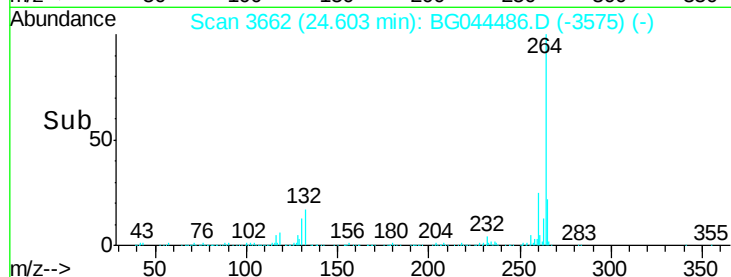
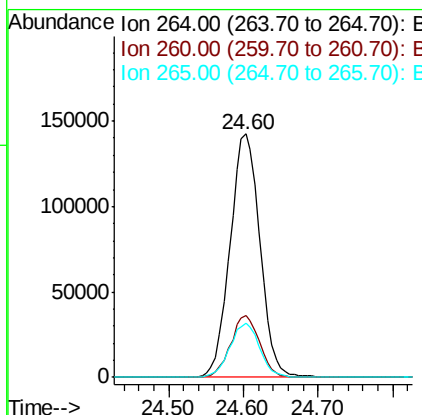
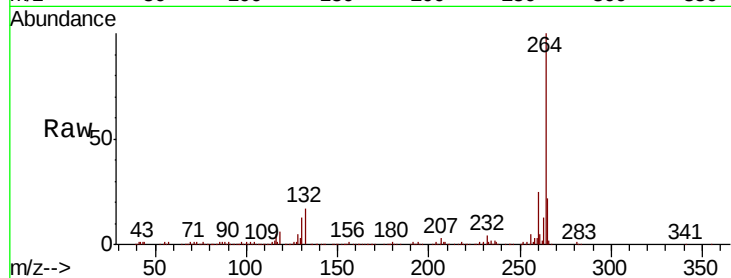




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.60 min Scan# 3662  
Delta R.T. -0.02 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

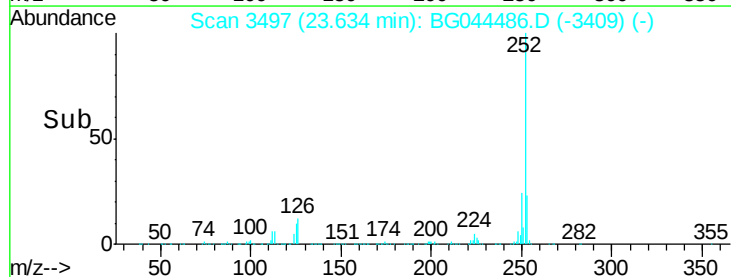
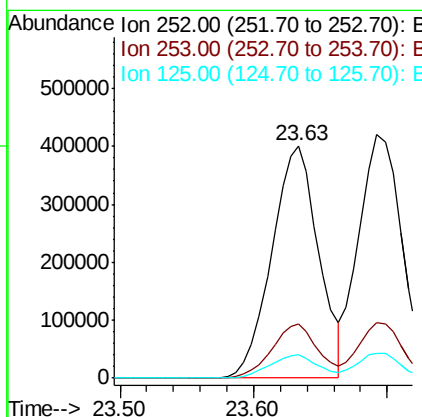
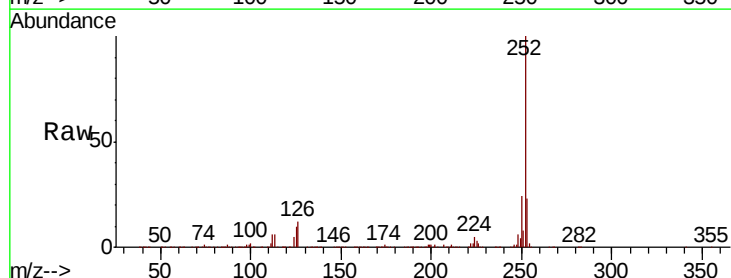
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

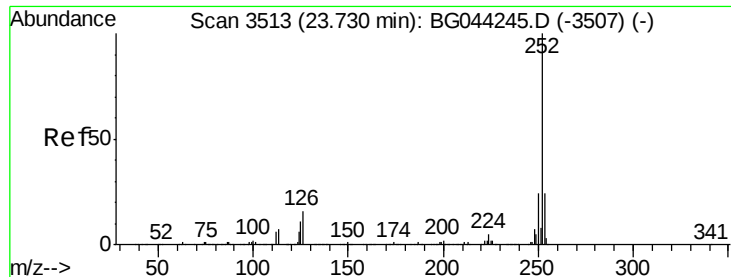
Tot Ion:264 Resp: 396083  
Ion Ratio Lower Upper  
264 100  
260 25.2 19.4 29.2  
265 22.3 16.7 25.1



#88  
Benzo(b)fluoranthene  
Concen: 42.773 ng  
RT: 23.63 min Scan# 3497  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion:252 Resp: 976231  
Ion Ratio Lower Upper  
252 100  
253 23.1 19.2 28.8  
125 10.0 8.4 12.6

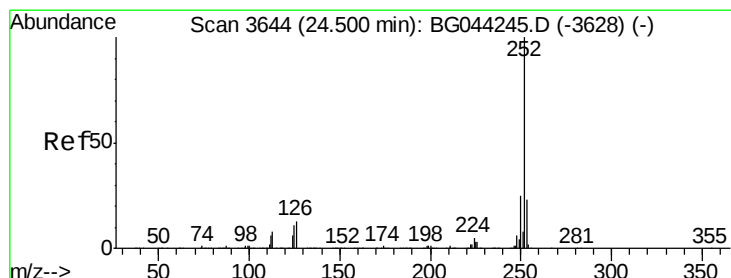
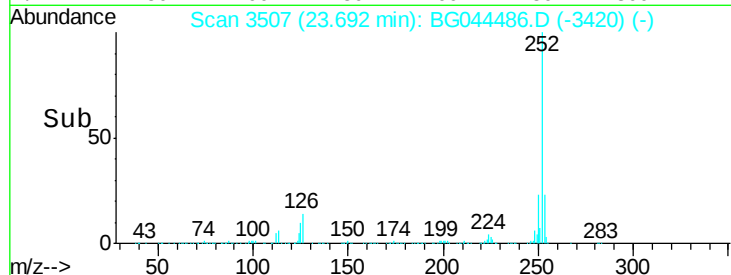
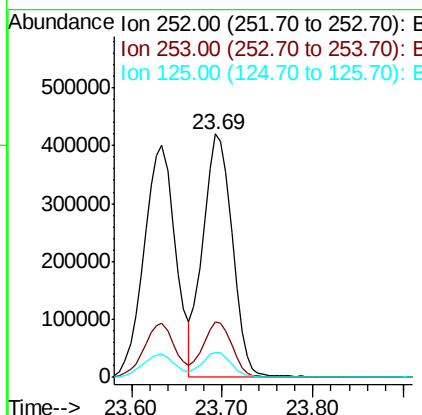
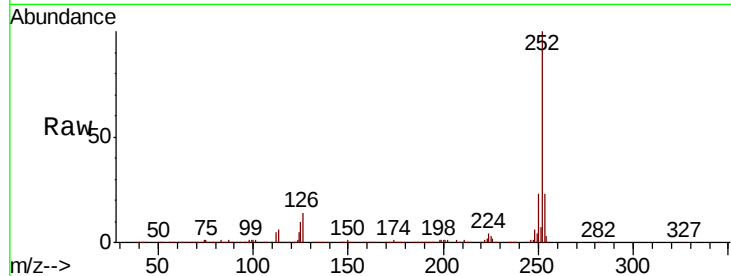




#89  
Benzo(k)fluoranthene  
Concen: 42.521 ng  
RT: 23.69 min Scan# 3507  
Delta R.T. -0.02 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

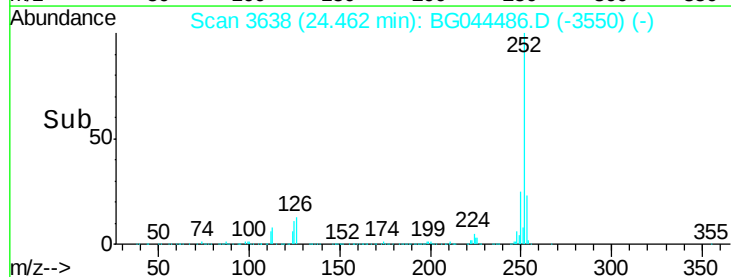
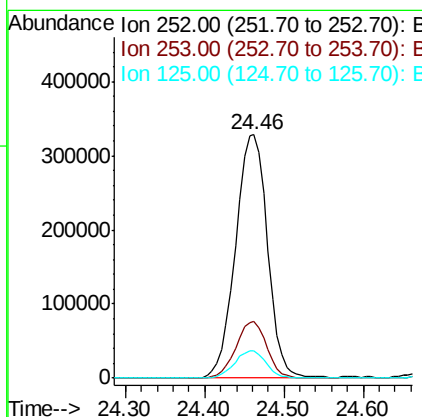
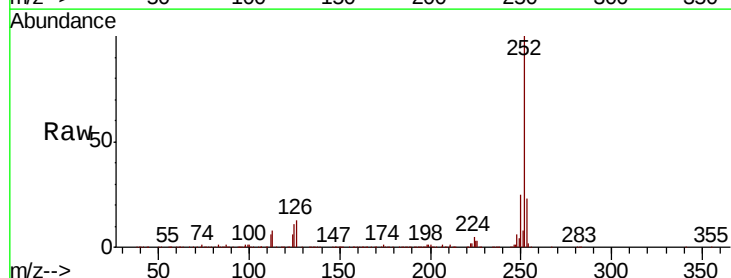
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

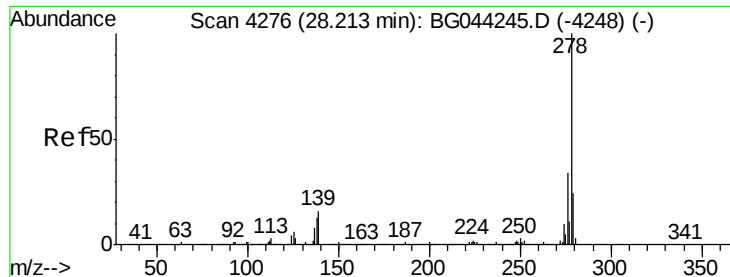
Tot Ion:252 Resp: 945867  
Ion Ratio Lower Upper  
252 100  
253 22.5 19.1 28.7  
125 10.3 8.6 12.8



#90  
Benzo(a)pyrene  
Concen: 42.498 ng  
RT: 24.46 min Scan# 3638  
Delta R.T. -0.01 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Tgt Ion:252 Resp: 917095  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.1 27.1  
125 11.0 8.6 13.0

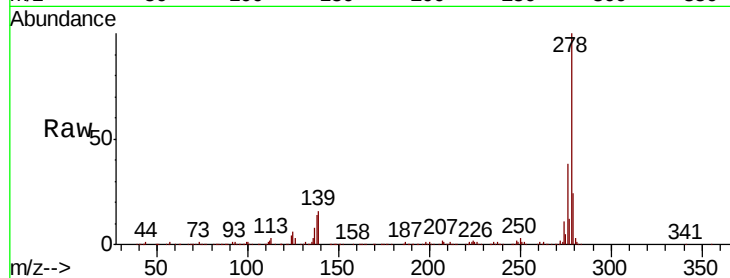




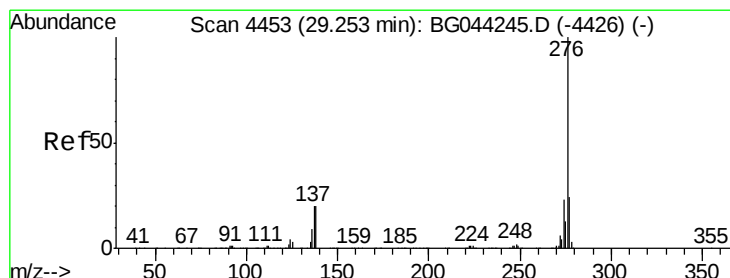
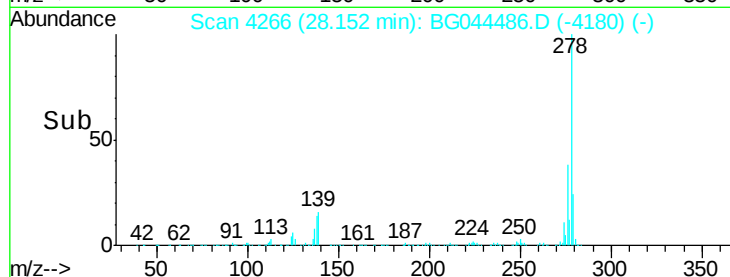
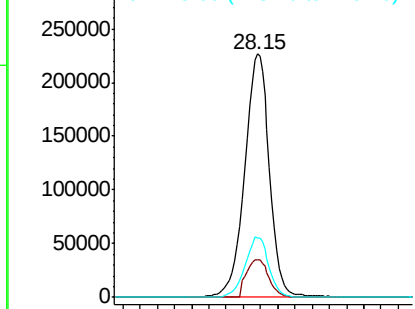
#91  
Dibenzo(a,h)anthracene  
Concen: 43.143 ng  
RT: 28.15 min Scan# 4266  
Delta R.T. -0.02 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.7  | 12.7  | 19.1  |
| 279     | 24.3  | 19.3  | 28.9  |

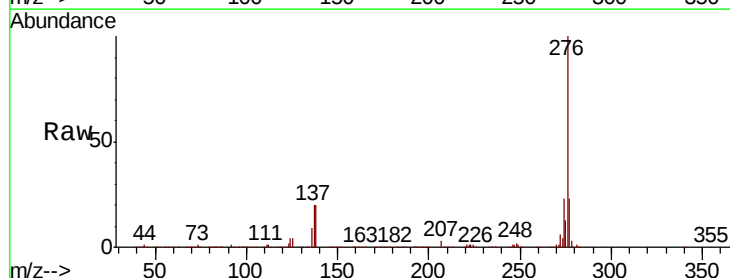


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 42.706 ng  
RT: 29.19 min Scan# 4442  
Delta R.T. -0.02 min  
Lab File: BG044486.D  
Acq: 19 Feb 2020 11:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 18.8  | 28.2  |
| 138     | 20.3  | 16.2  | 24.2  |



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

