

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\  
 Data File : BG046484.D  
 Acq On : 1 Sep 2020 14:18  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 01 17:07:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 31 16:05:33 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.93  | 152  | 94976    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.73 | 136  | 362123   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.56 | 164  | 242546   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.31 | 188  | 576293   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.56 | 240  | 565153   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.65 | 264  | 598703   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 388897  | 72.52 | ng | 0.00 |
| 7) Phenol-d6             | 7.10  | 99  | 541088  | 71.18 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.09  | 82  | 462479  | 72.99 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.06 | 330 | 239439  | 72.86 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.19 | 172 | 1174537 | 73.92 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.92 | 244 | 1899843 | 71.54 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.42  | 88  | 79443  | 35.610 | ng | 96     |
| 3) Pyridine                    | 3.82  | 79  | 235182 | 36.031 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.73  | 42  | 89974  | 37.374 | ng | 100    |
| 6) Aniline                     | 7.25  | 93  | 306186 | 35.794 | ng | 100    |
| 8) 2-Chlorophenol              | 7.50  | 128 | 201229 | 35.506 | ng | 99     |
| 9) Benzaldehyde                | 7.07  | 77  | 149301 | 35.056 | ng | 95     |
| 10) Phenol                     | 7.13  | 94  | 250526 | 35.782 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.35  | 93  | 201654 | 35.832 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.82  | 146 | 261360 | 36.323 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.97  | 146 | 259938 | 36.084 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.29  | 146 | 245042 | 35.476 | ng | 98     |
| 15) Benzyl Alcohol             | 8.17  | 79  | 178467 | 36.568 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.47  | 45  | 318818 | 36.522 | ng | 99     |
| 17) 2-Methylphenol             | 8.38  | 107 | 176101 | 35.466 | ng | 98     |
| 18) Hexachloroethane           | 9.02  | 117 | 88561  | 36.259 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.74  | 70  | 162618 | 35.764 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.71  | 107 | 246193 | 35.922 | ng | 99     |
| 22) Acetophenone               | 8.75  | 105 | 319259 | 36.218 | ng | 98     |
| 24) Nitrobenzene               | 9.13  | 77  | 227993 | 36.424 | ng | 98     |
| 25) Isophorone                 | 9.65  | 82  | 427153 | 36.773 | ng | 98     |
| 26) 2-Nitrophenol              | 9.84  | 139 | 122796 | 37.183 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 9.90  | 122 | 168557 | 37.109 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.13 | 93  | 273310 | 36.556 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.38 | 162 | 224303 | 37.043 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.59 | 180 | 260614 | 36.275 | ng | 98     |
| 31) Naphthalene                | 10.78 | 128 | 640497 | 36.225 | ng | 100    |
| 32) Benzoic acid               | 10.05 | 122 | 106937 | 35.333 | ng | 99     |
| 33) 4-Chloroaniline            | 10.89 | 127 | 283929 | 36.417 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.07 | 225 | 175191 | 37.564 | ng | 99     |
| 35) Caprolactam                | 11.66 | 113 | 78942  | 34.877 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.01 | 107 | 216266 | 36.517 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.38 | 142 | 504181 | 36.156 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.61 | 142 | 476180 | 36.050 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 302222 | 37.786 | ng | 100    |

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 Sample : SSTDCCC040  
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 ALS Vial : 2 Sample Multiplier: 1

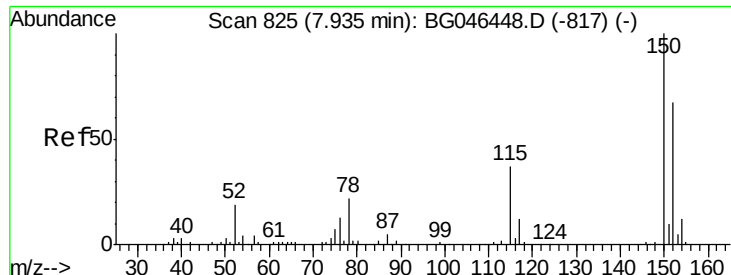
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 01 17:07:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 31 16:05:33 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.74 | 237  | 144032   | 41.414 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.00 | 196  | 205562   | 38.085 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.07 | 196  | 212097   | 37.401 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.39 | 154  | 636263   | 37.705 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.44 | 162  | 529276   | 36.992 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.64 | 65   | 150168   | 37.798 | ng    | 99       |
| 49) Acenaphthylene             | 14.28 | 152  | 808077   | 37.233 | ng    | 100      |
| 50) Dimethylphthalate          | 14.02 | 163  | 678675   | 36.168 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.14 | 165  | 150957   | 36.495 | ng    | 97       |
| 52) Acenaphthene               | 14.63 | 154  | 494625   | 36.777 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.46 | 138  | 164721   | 36.764 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.67 | 184  | 94499    | 39.139 | ng    | 98       |
| 55) Dibenzofuran               | 14.96 | 168  | 790146   | 36.608 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.78 | 139  | 125744   | 38.133 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.92 | 165  | 217518   | 36.880 | ng    | 98       |
| 58) Fluorene                   | 15.61 | 166  | 652617   | 36.025 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.19 | 232  | 208011   | 37.773 | ng    | 99       |
| 60) Diethylphthalate           | 15.38 | 149  | 662814   | 36.229 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.60 | 204  | 364209   | 36.505 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.63 | 138  | 173685   | 36.738 | ng    | 99       |
| 63) Azobenzene                 | 15.90 | 77   | 545661   | 36.665 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.69 | 198  | 131617   | 40.350 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.82 | 169  | 582812   | 37.487 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.50 | 248  | 256164   | 38.100 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.62 | 284  | 276148   | 37.086 | ng    | 98       |
| 69) Atrazine                   | 16.77 | 200  | 234255   | 36.934 | ng    | 98       |
| 70) Pentachlorophenol          | 16.97 | 266  | 154530   | 39.720 | ng    | 99       |
| 71) Phenanthrene               | 17.35 | 178  | 1065778  | 36.486 | ng    | 99       |
| 72) Anthracene                 | 17.44 | 178  | 1052462  | 36.518 | ng    | 99       |
| 73) Carbazole                  | 17.71 | 167  | 991687   | 36.445 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.27 | 149  | 1144043  | 36.563 | ng    | 99       |
| 75) Fluoranthene               | 19.36 | 202  | 1332318  | 35.443 | ng    | 100      |
| 77) Benzidine                  | 19.53 | 184  | 508613   | 38.730 | ng    | 98       |
| 78) Pyrene                     | 19.72 | 202  | 1342325  | 37.299 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.61 | 149  | 529945   | 37.752 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.54 | 228  | 1276510  | 36.238 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.45 | 252  | 488364   | 37.358 | ng    | 99       |
| 83) Chrysene                   | 21.60 | 228  | 1229796  | 36.294 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.46 | 149  | 710896   | 37.110 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.63 | 149  | 1225513  | 37.362 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.17 | 276  | 1510990  | 35.139 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 23.68 | 252  | 1319010  | 35.283 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.75 | 252  | 1258042  | 34.820 | ng    | 100      |
| 90) Benzo(a)pyrene             | 24.52 | 252  | 1245475  | 35.700 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.23 | 278  | 1217465  | 35.086 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.27 | 276  | 1220638  | 35.227 | ng    | 98       |

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



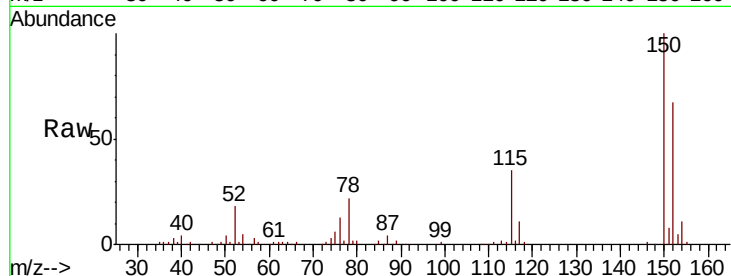


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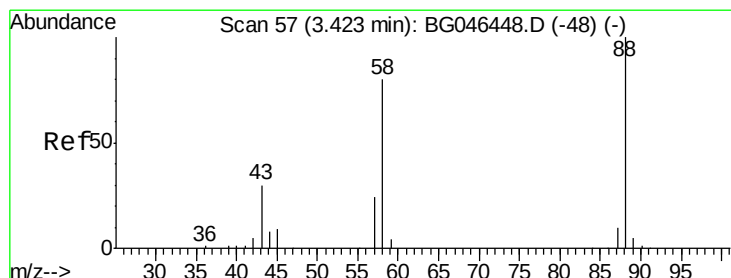
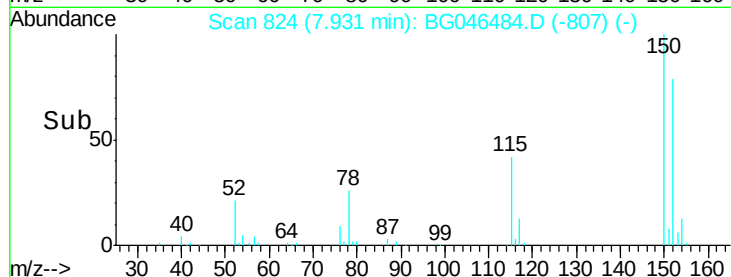
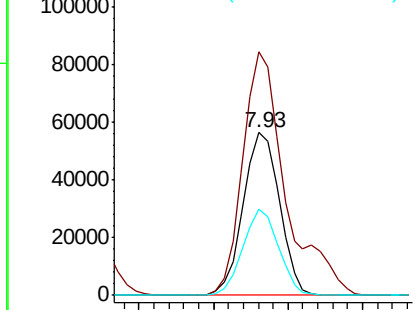
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.93 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:152 Resp: 94976  
Ion Ratio Lower Upper  
152 100  
150 149.5 119.5 179.3  
115 52.8 44.3 66.5



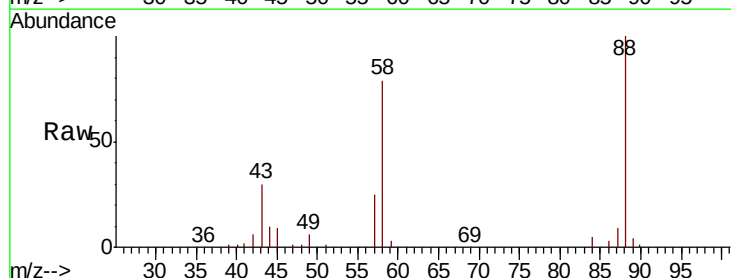
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



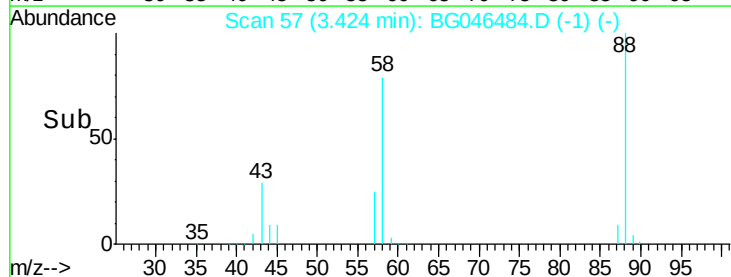
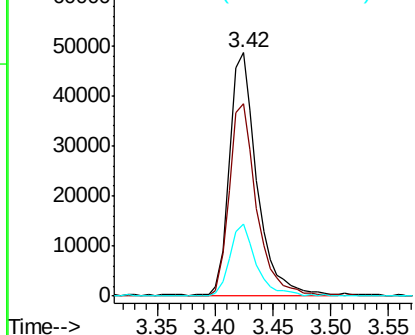
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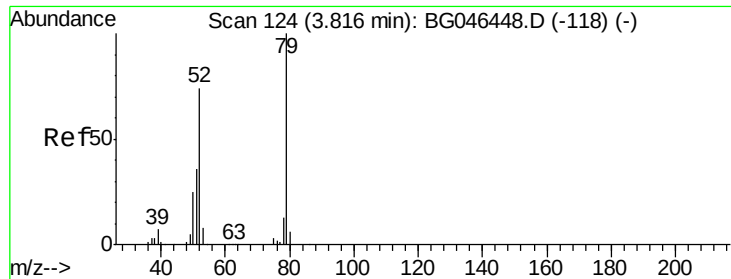
1,4-Dioxane  
Concen: 35.610 ng  
RT: 3.42 min Scan# 57  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Tgt Ion: 88 Resp: 79443  
Ion Ratio Lower Upper  
88 100  
58 80.1 61.4 92.2  
43 28.7 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: 36.031 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

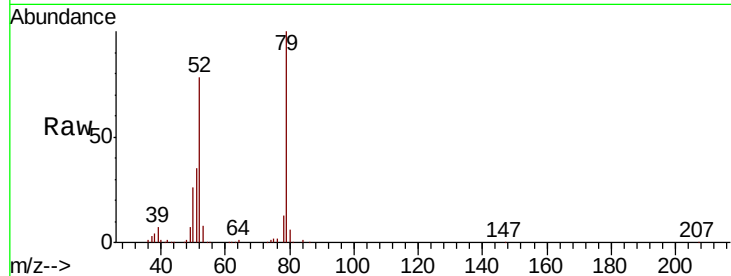
Tot Ion: 79 Resp: 235182

Ion Ratio Lower Upper

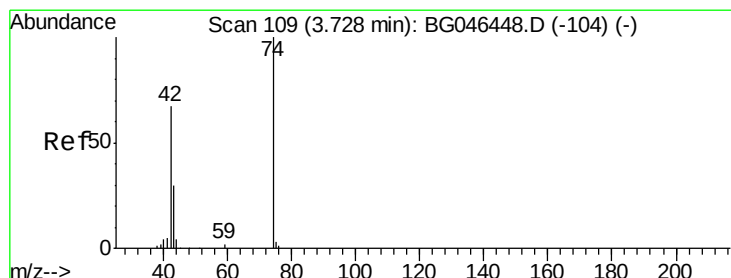
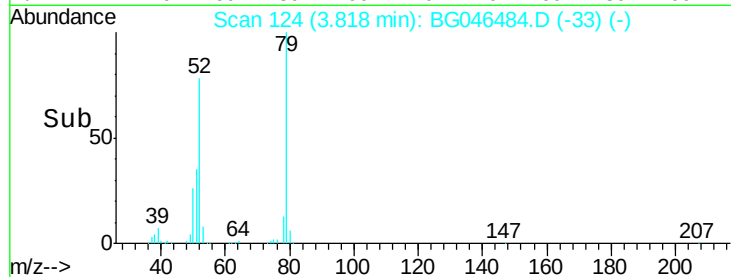
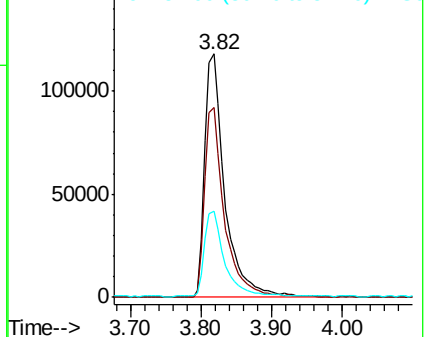
79 100

52 78.2 59.1 88.7

51 35.5 29.0 43.6



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



#4

n-Nitrosodimethylamine

Concen: 37.374 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

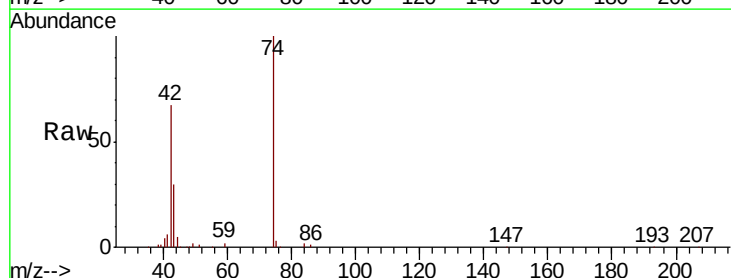
Tgt Ion: 42 Resp: 89974

Ion Ratio Lower Upper

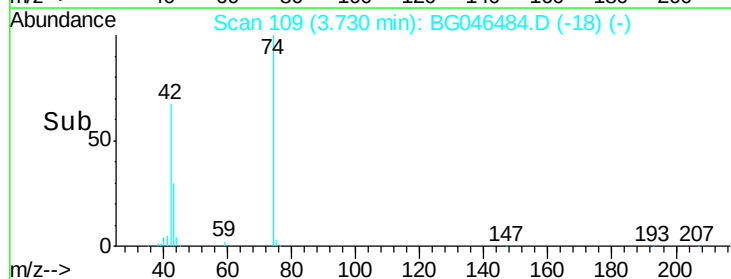
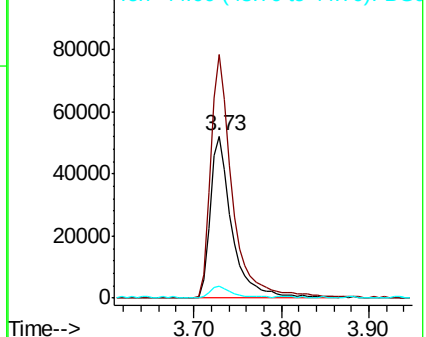
42 100

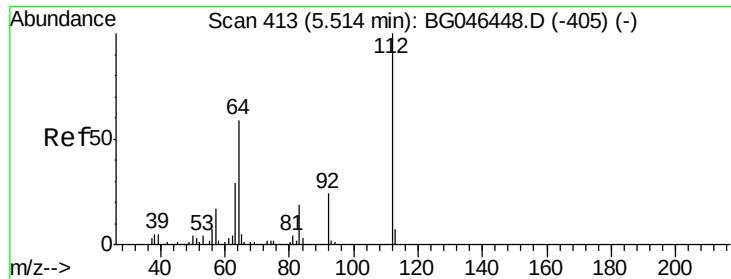
74 150.0 119.5 179.3

44 7.2 5.7 8.5



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





#5

2-Fluorophenol

Concen: 72.525 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

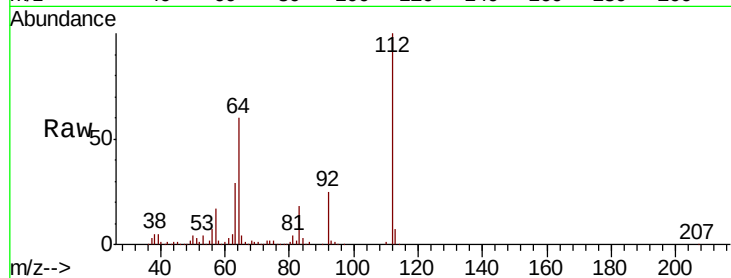
Tot Ion:112 Resp: 388897

Ion Ratio Lower Upper

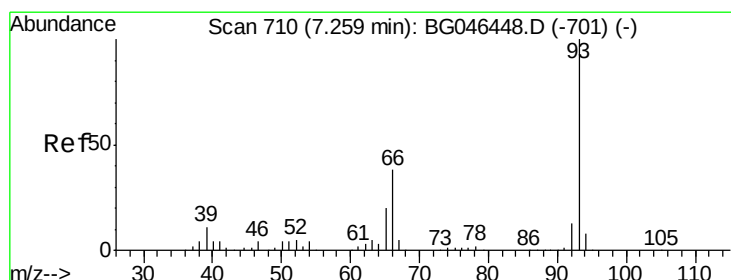
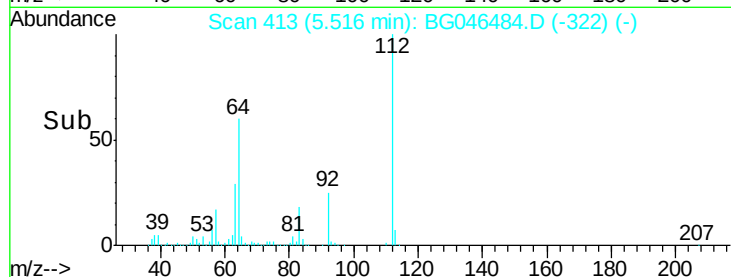
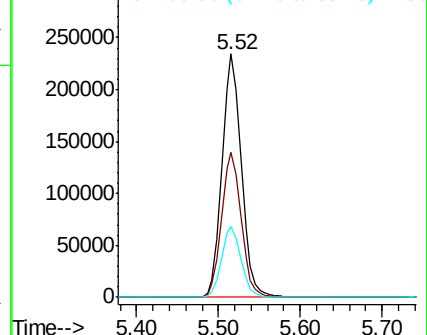
112 100

64 59.6 47.0 70.6

63 28.9 23.5 35.3



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: 35.794 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

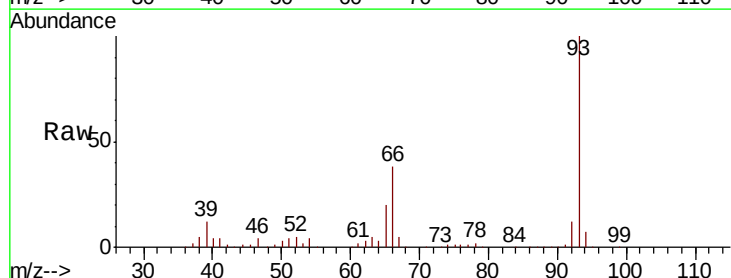
Tgt Ion: 93 Resp: 306186

Ion Ratio Lower Upper

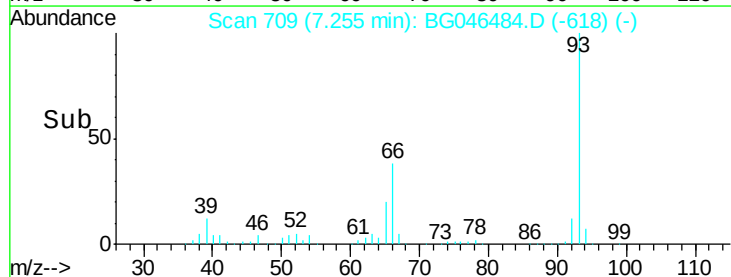
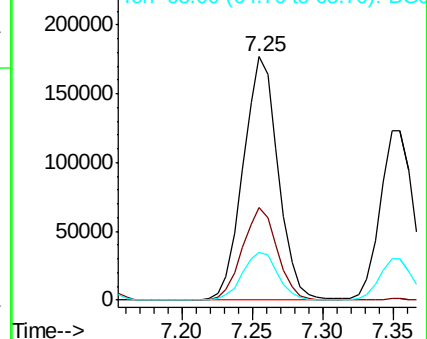
93 100

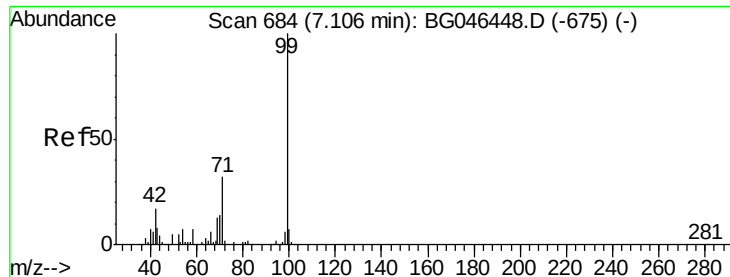
66 38.3 30.4 45.6

65 19.8 15.8 23.6



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: 71.181 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

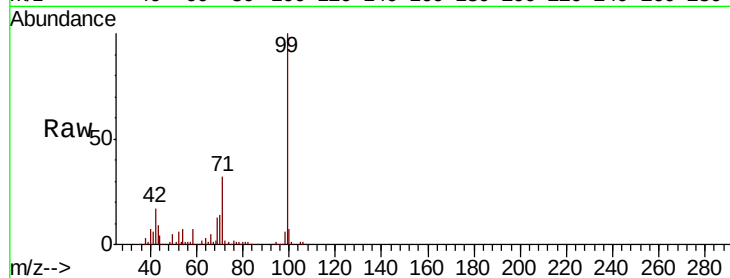
Tot Ion: 99 Resp: 541088

Ion Ratio Lower Upper

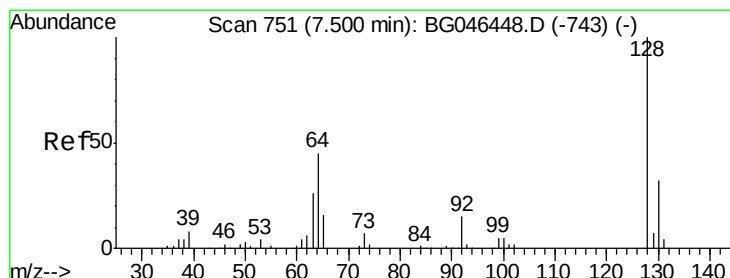
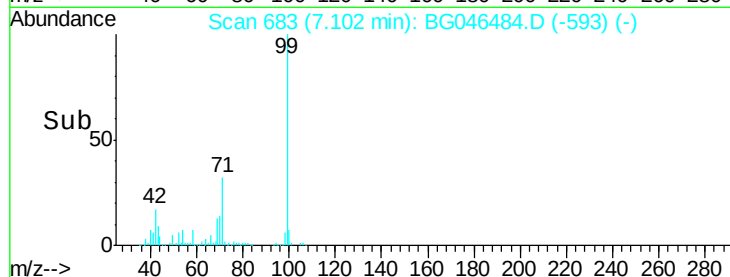
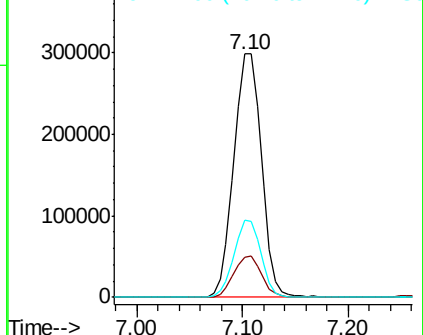
99 100

42 16.6 13.3 19.9

71 31.8 25.3 37.9



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: 35.506 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

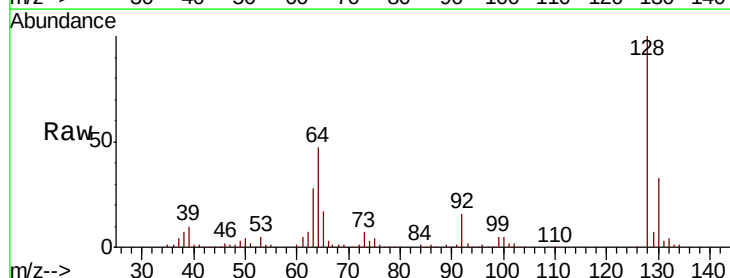
Tgt Ion: 128 Resp: 201229

Ion Ratio Lower Upper

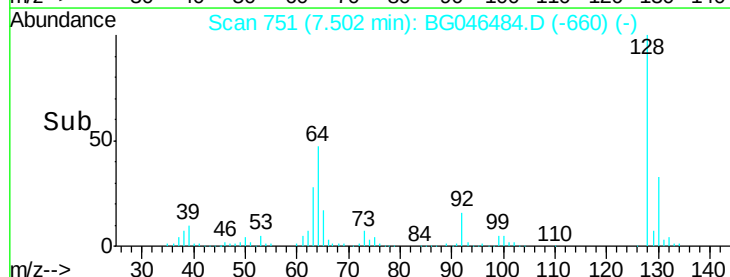
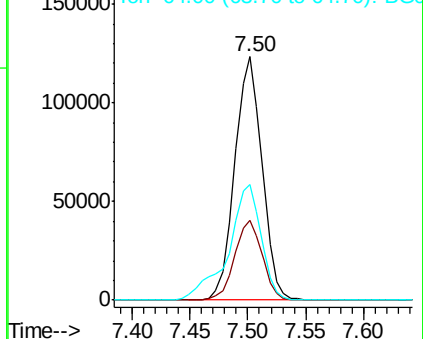
128 100

130 32.8 12.4 52.4

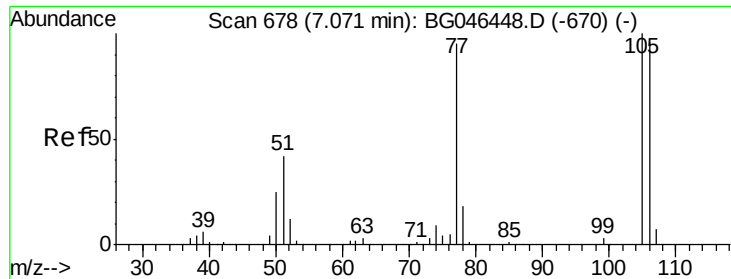
64 47.3 28.1 68.1



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: 35.056 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

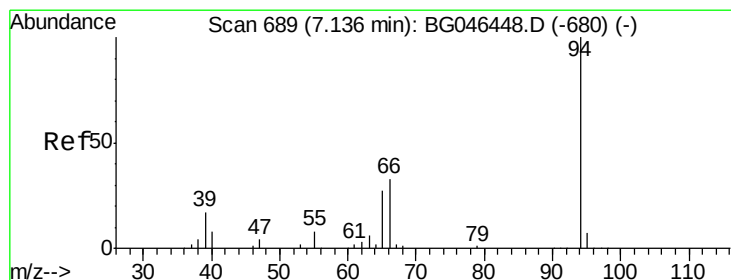
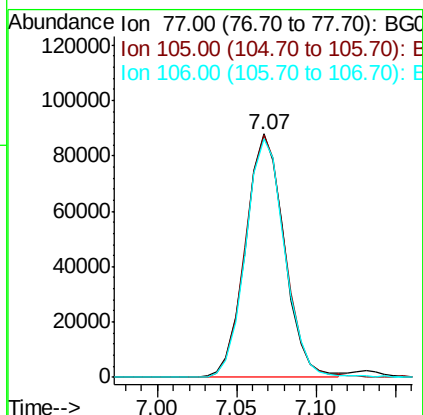
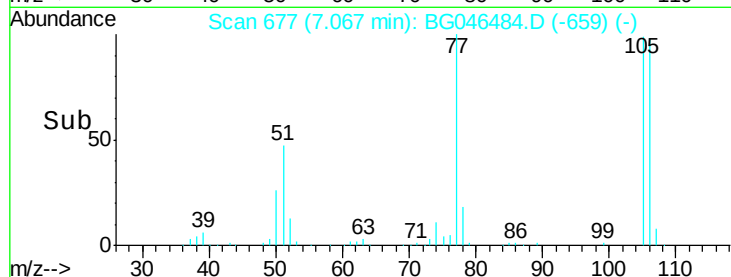
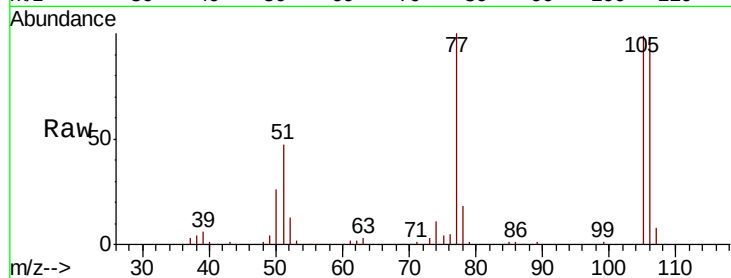
Tot Ion: 77 Resp: 149301

Ion Ratio Lower Upper

77 100

105 99.4 85.6 125.6

106 97.8 80.8 120.8



#10

Phenol

Concen: 35.782 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

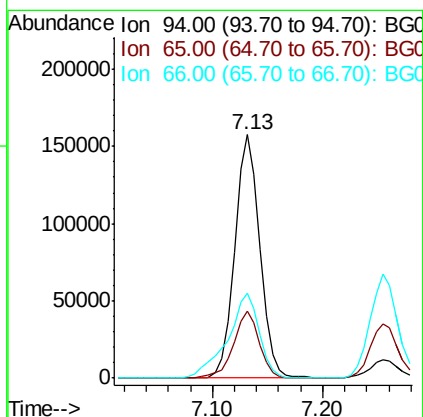
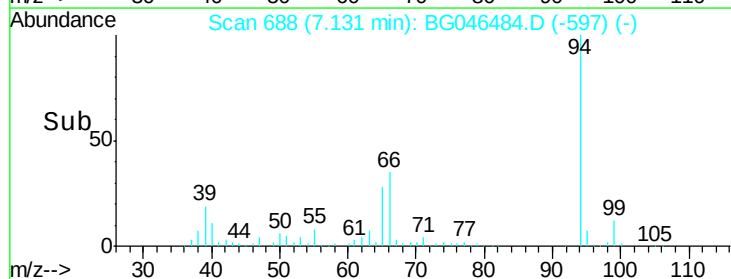
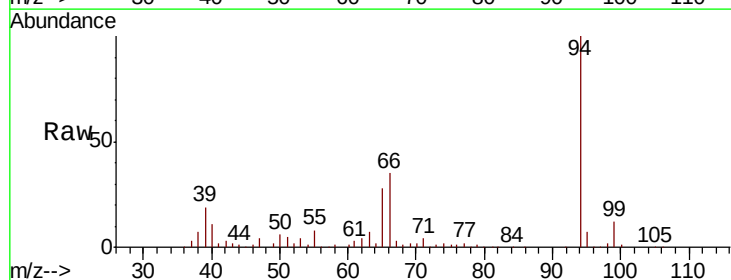
Tgt Ion: 94 Resp: 250526

Ion Ratio Lower Upper

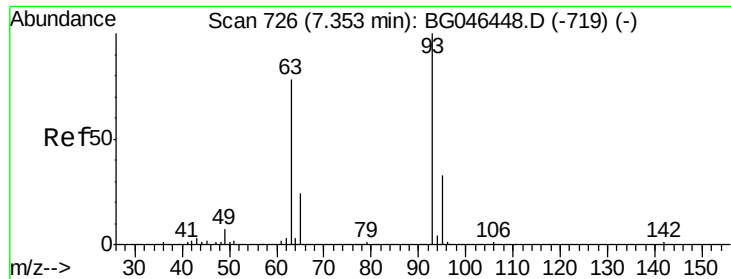
94 100

65 27.5 7.5 47.5

66 34.7 14.1 54.1





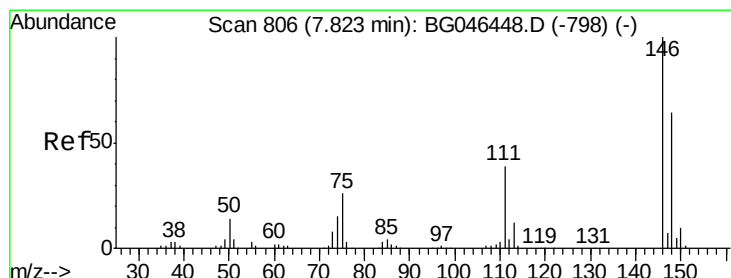
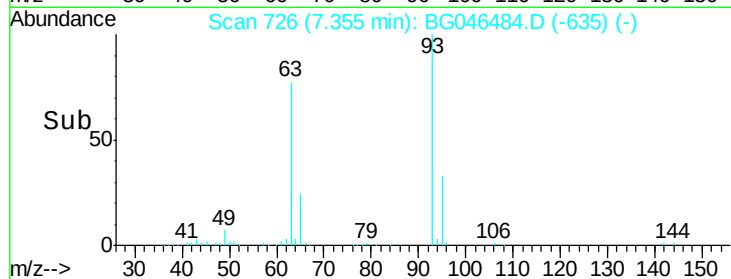
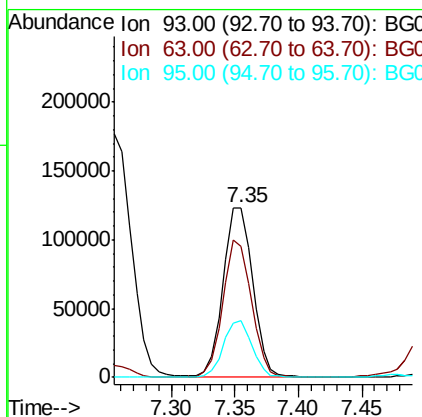
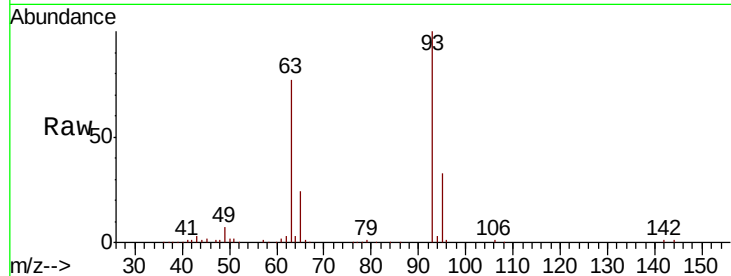


#11  
 bis(2-Chloroethyl)ether  
 Concen: 35.832 ng  
 RT: 7.35 min Scan# 726  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion: 93 Resp: 201654  

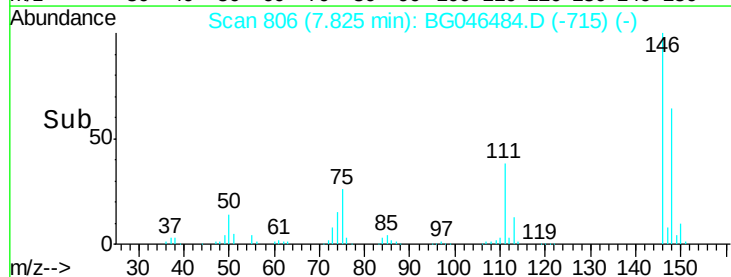
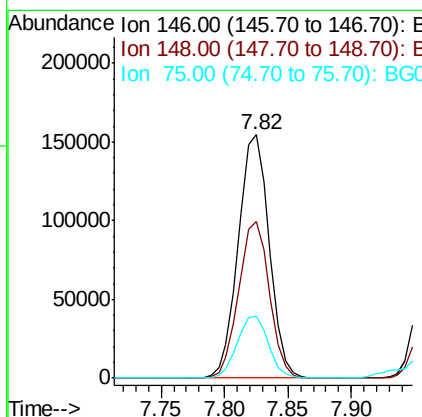
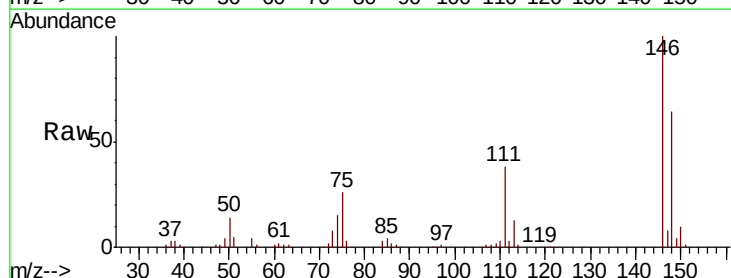
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 77.4  | 57.7  | 97.7  |
| 95  | 33.2  | 12.3  | 52.3  |

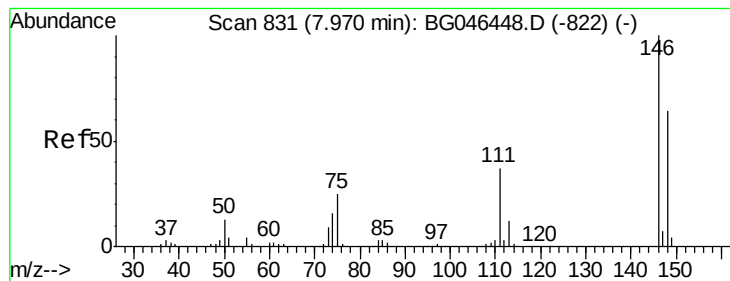


#12  
 1,3-Dichlorobenzene  
 Concen: 36.323 ng  
 RT: 7.82 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Tgt Ion: 146 Resp: 261360  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.4  | 51.4  | 77.0  |
| 75  | 25.7  | 20.7  | 31.1  |





#13

1,4-Dichlorobenzene

Concen: 36.084 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

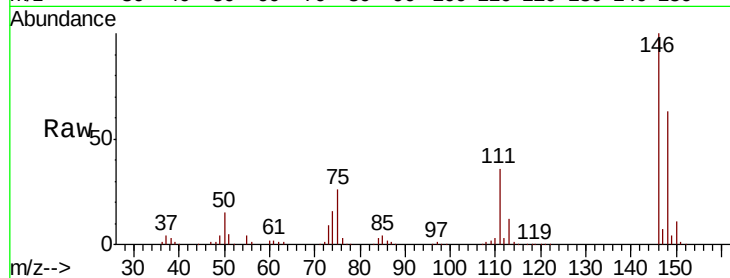
Tot Ion:146 Resp: 259938

Ion Ratio Lower Upper

146 100

148 62.5 50.9 76.3

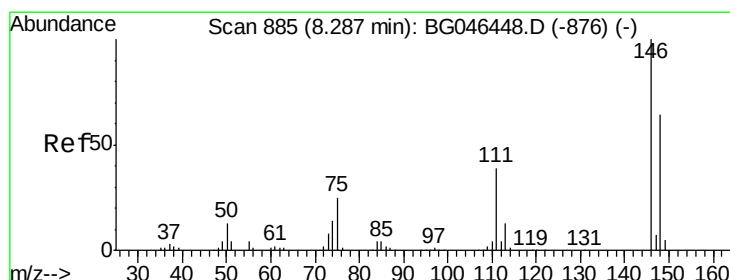
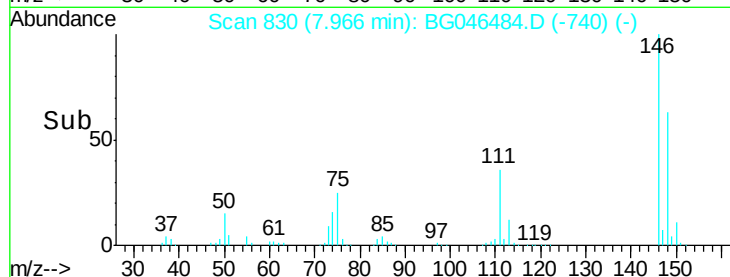
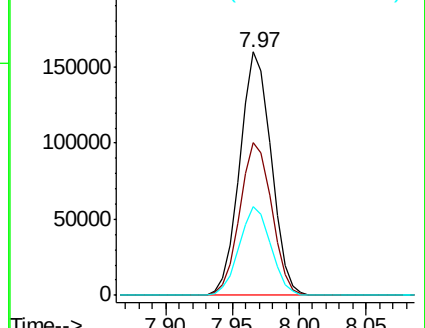
111 36.4 29.8 44.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.476 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

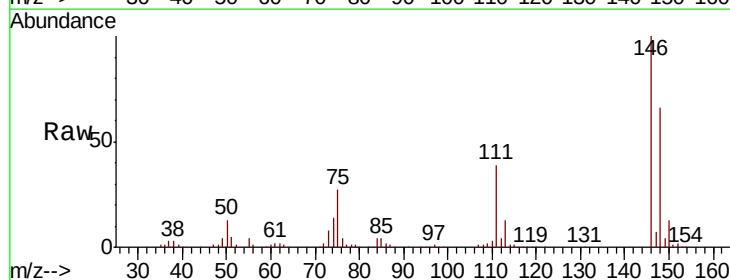
Tgt Ion:146 Resp: 245042

Ion Ratio Lower Upper

146 100

148 66.5 51.4 77.0

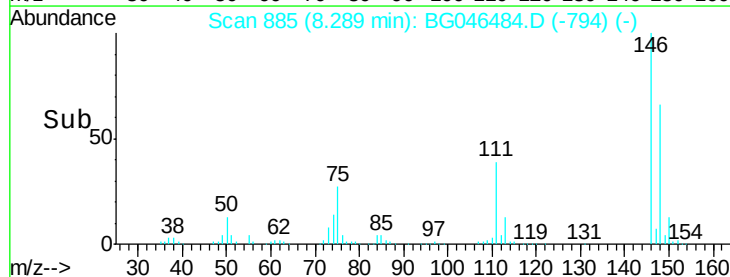
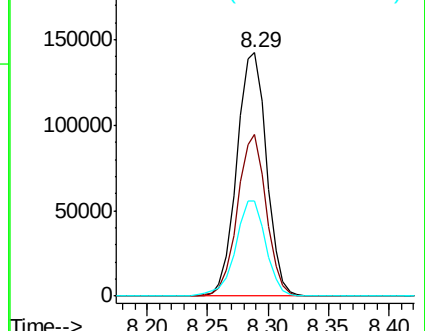
111 38.9 31.4 47.2

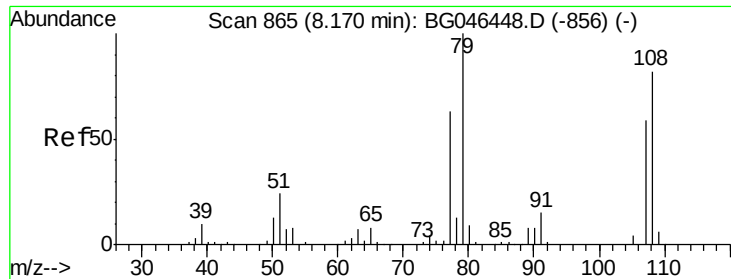


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.568 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

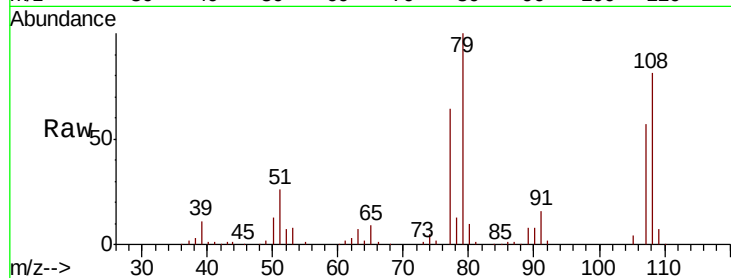
Tot Ion: 79 Resp: 178467

Ion Ratio Lower Upper

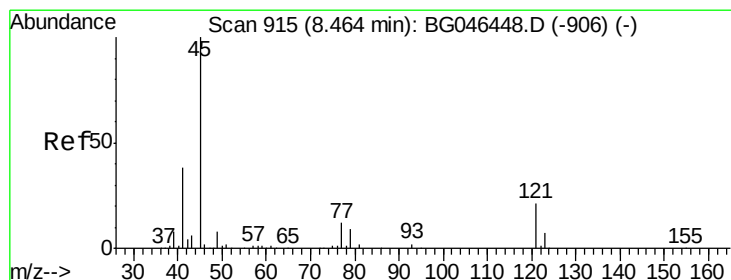
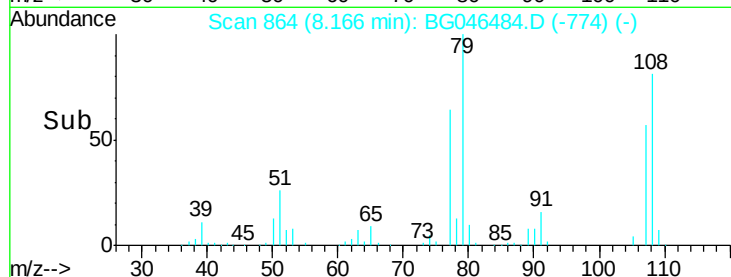
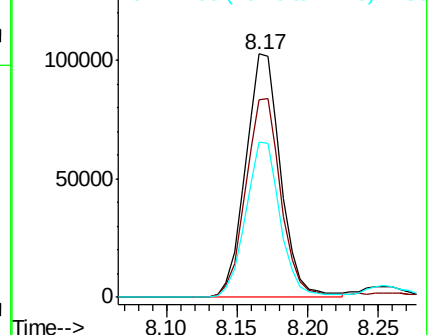
79 100

108 81.2 65.7 98.5

77 63.9 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.522 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

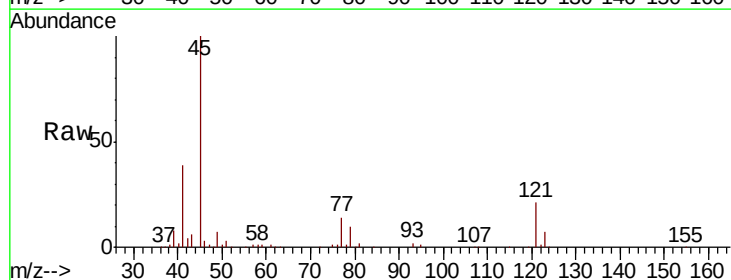
Tgt Ion: 45 Resp: 318818

Ion Ratio Lower Upper

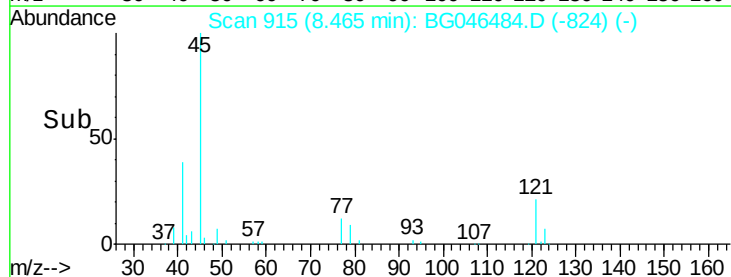
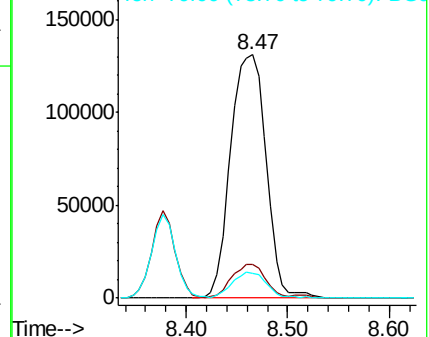
45 100

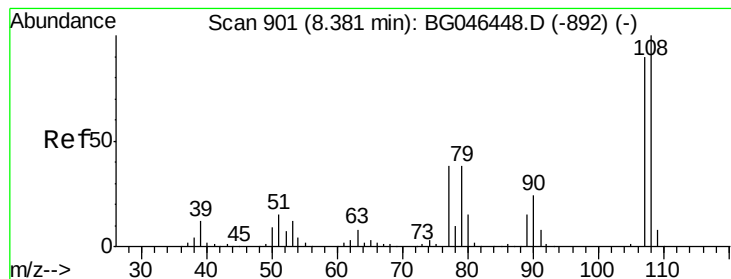
77 13.6 0.0 33.2

79 10.1 0.0 30.3



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 35.466 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 176101

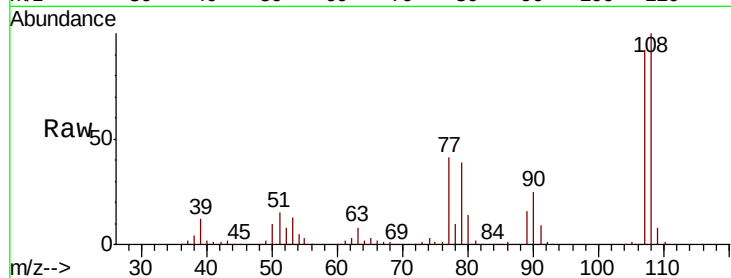
Ion Ratio Lower Upper

107 100

108 109.2 89.4 134.0

77 45.0 34.5 51.7

79 42.7 33.8 50.6

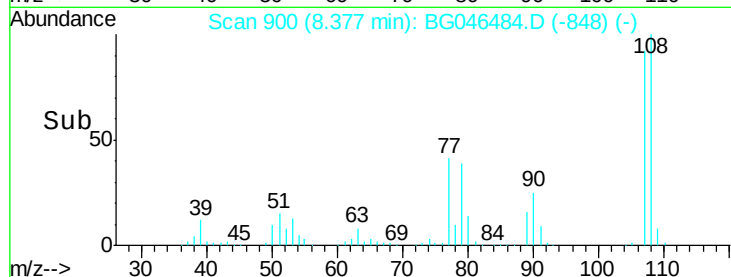


Abundance Ion 107.00 (106.70 to 107.70): E

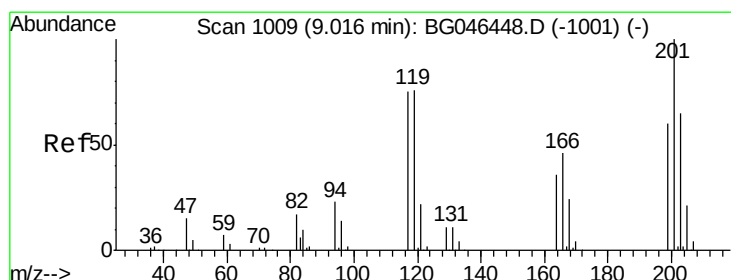
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 36.259 ng

RT: 9.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

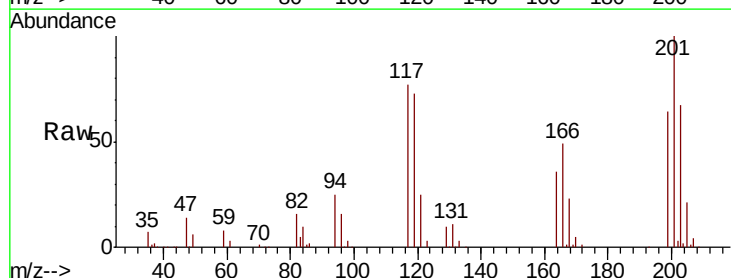
Tgt Ion:117 Resp: 88561

Ion Ratio Lower Upper

117 100

119 94.5 80.8 121.2

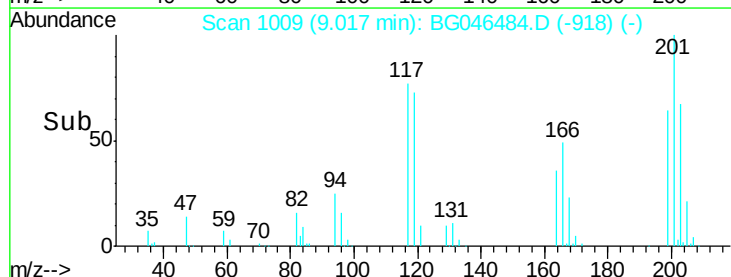
201 129.9 106.7 160.1



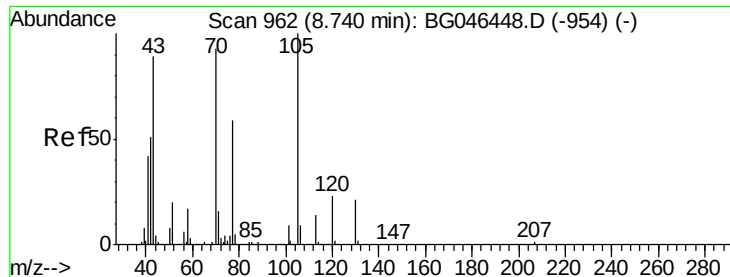
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



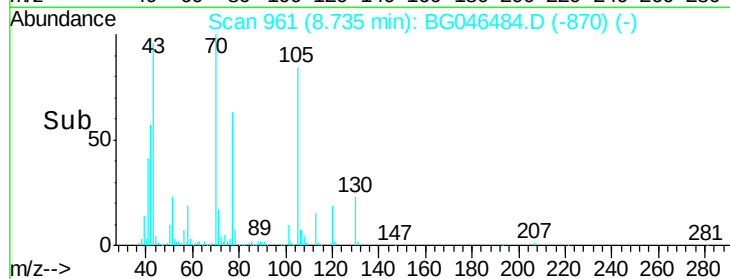
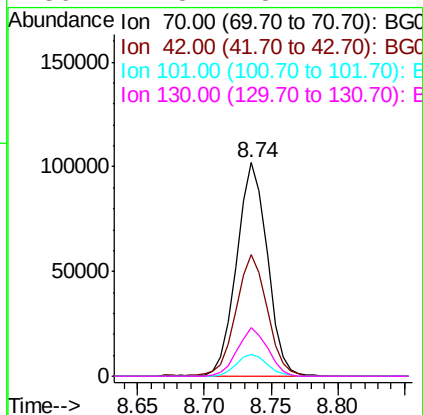
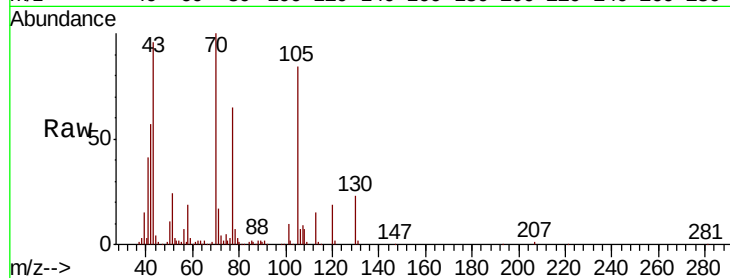
Time-->



#19  
n-Nitroso-di-n-propylamine  
Concen: 35.764 ng  
RT: 8.74 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

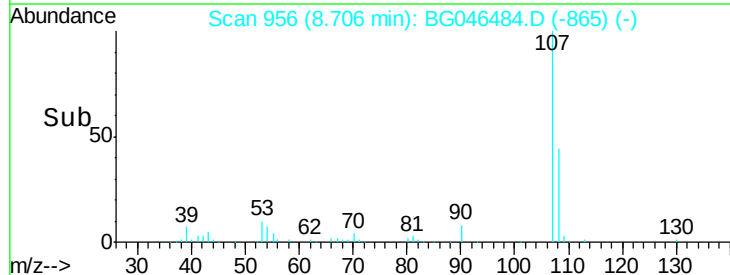
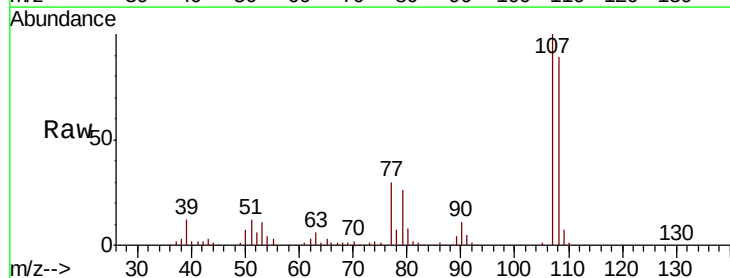
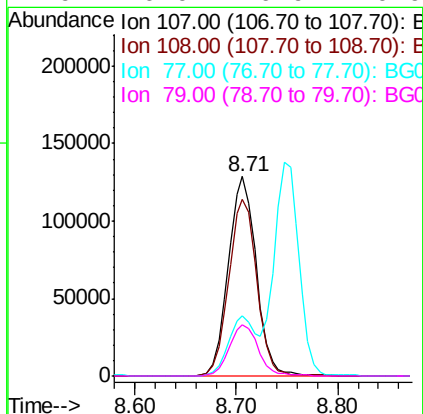
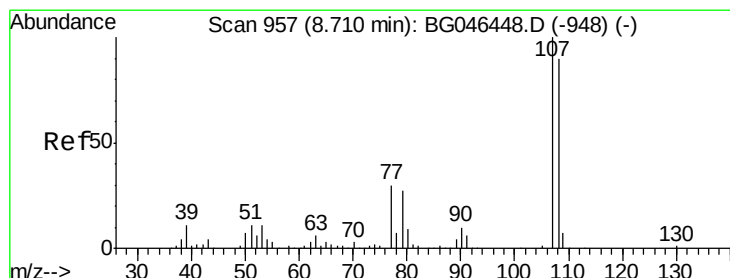
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

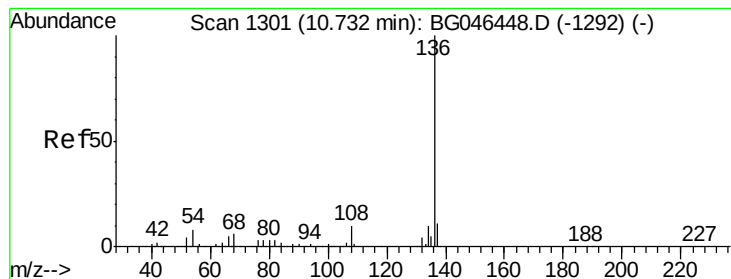
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 162618 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 57.2  | 44.2  | 66.2   |
| 101      | 10.2  | 7.8   | 11.8   |
| 130      | 22.8  | 18.2  | 27.4   |



#20  
3+4-Methylphenols  
Concen: 35.922 ng  
RT: 8.71 min Scan# 956  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 246193 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.8  | 69.7  | 109.7  |
| 77       | 29.9  | 9.7   | 49.7   |
| 79       | 26.0  | 6.9   | 46.9   |

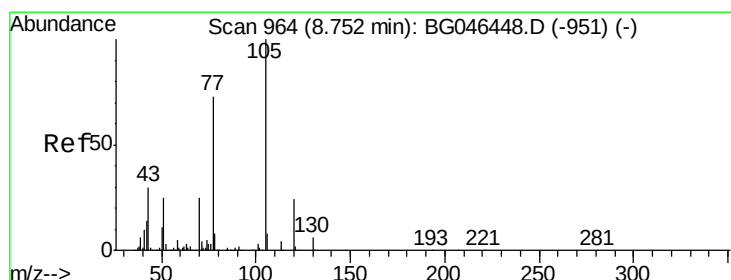
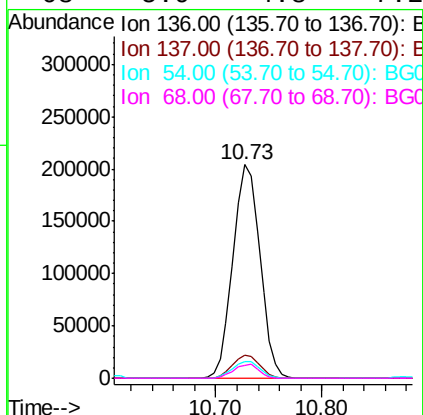
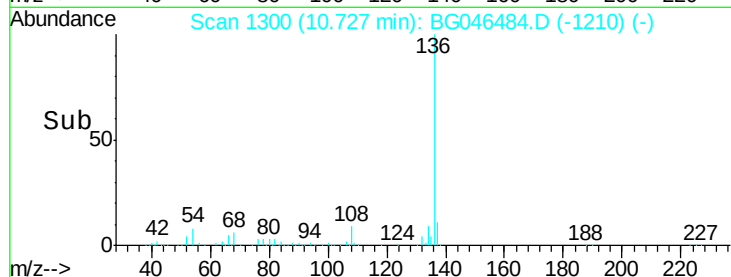
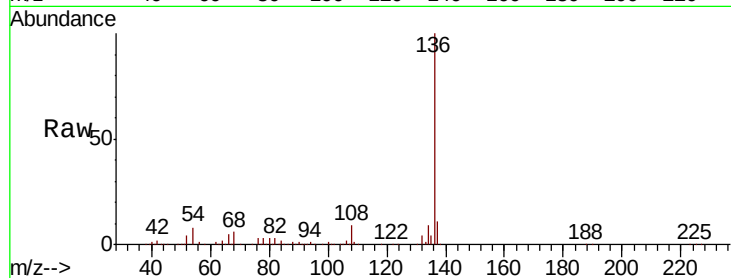




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.73 min Scan# 1300  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

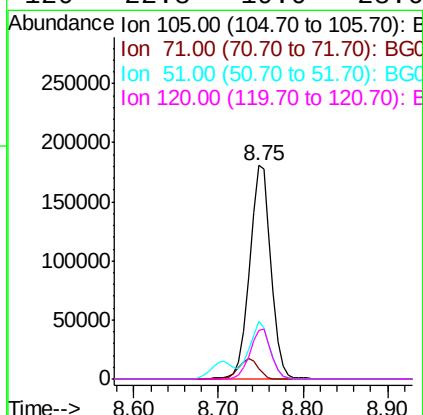
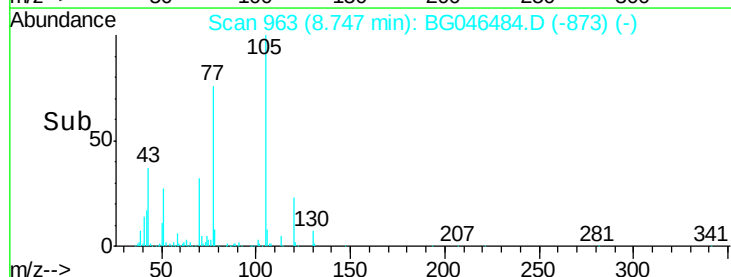
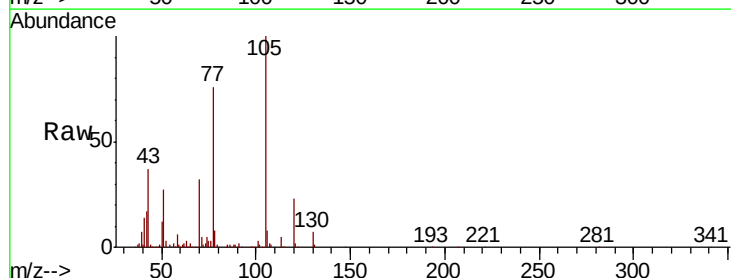
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

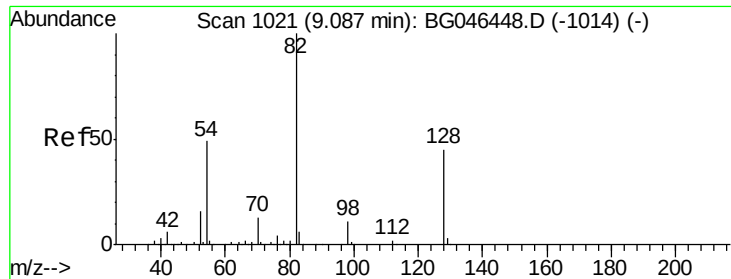
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 362123 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.9    | 8.8   | 13.2   |
| 54 7.9      | 6.1   | 9.1    |
| 68 5.9      | 4.8   | 7.2    |



#22  
Acetophenone  
Concen: 36.218 ng  
RT: 8.75 min Scan# 963  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 319259 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 4.9     | 3.3   | 4.9    |
| 51  | 27.2    | 20.6  | 31.0   |
| 120 | 22.8    | 19.0  | 28.6   |

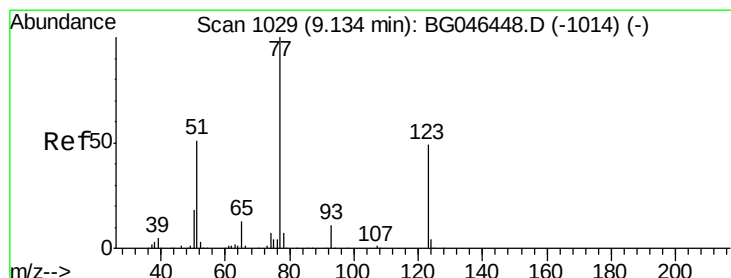
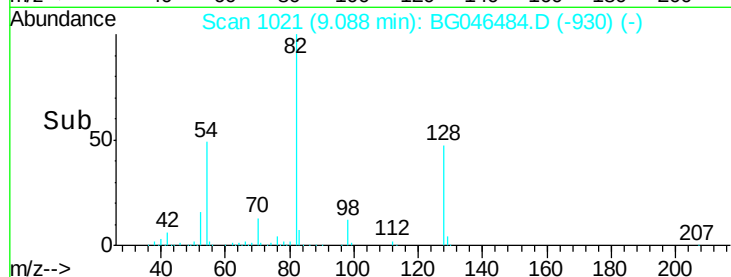
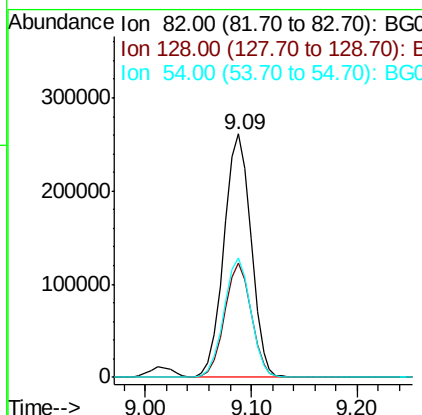
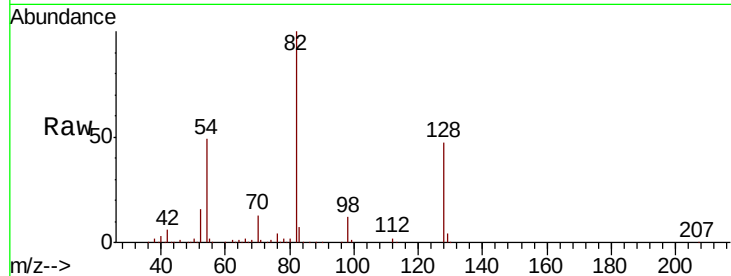




#23  
 Nitrobenzene-d5  
 Concen: 72.995 ng  
 RT: 9.09 min Scan# 1021  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

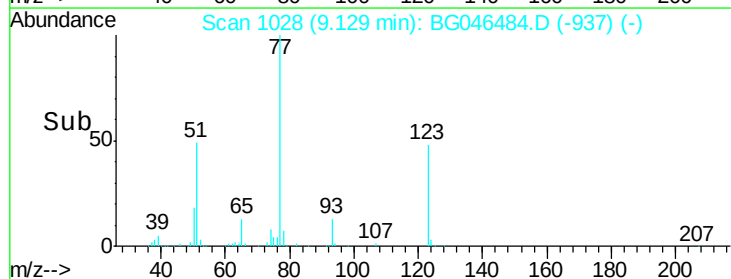
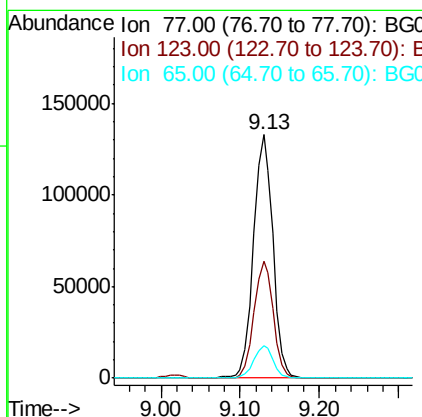
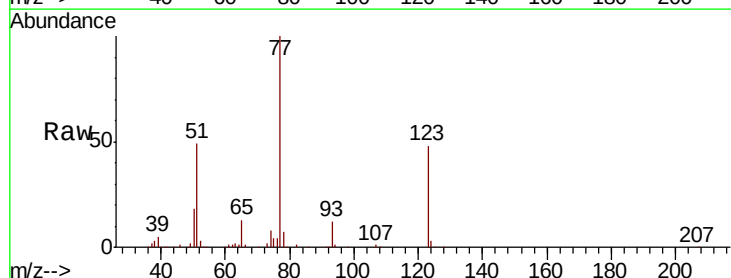
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion   | 82   | Resp  | 462479 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 46.9 | 35.7  | 53.5   |
| 54        | 49.2 | 39.4  | 59.0   |

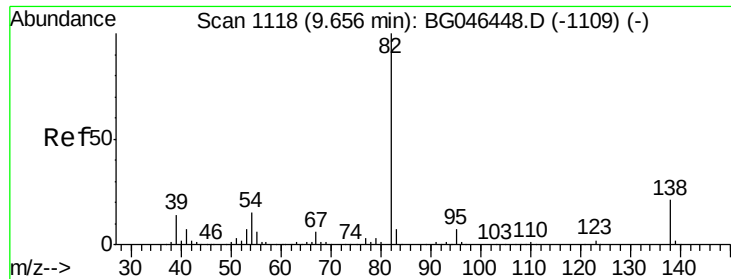


#24  
 Nitrobenzene  
 Concen: 36.424 ng  
 RT: 9.13 min Scan# 1028  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

| Tgt Ion   | 77   | Resp  | 227993 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 48.3 | 39.6  | 59.4   |
| 65        | 13.3 | 10.1  | 15.1   |







#25

Isophorone

Concen: 36.773 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

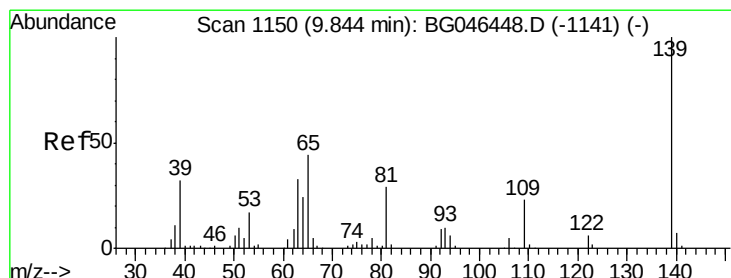
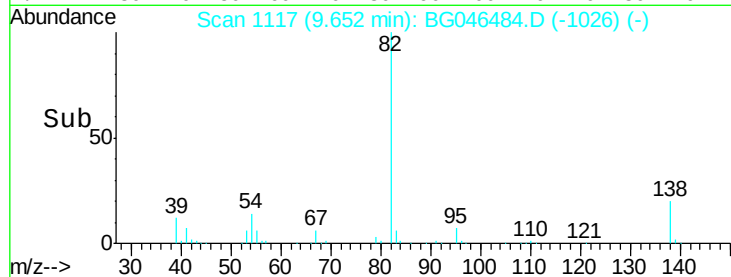
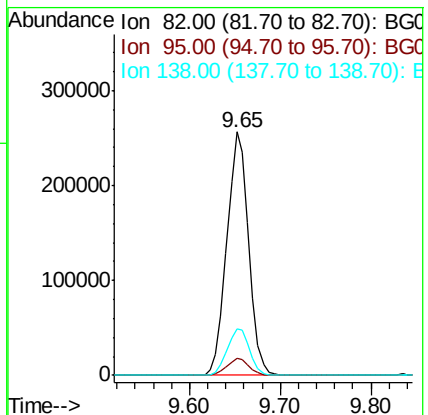
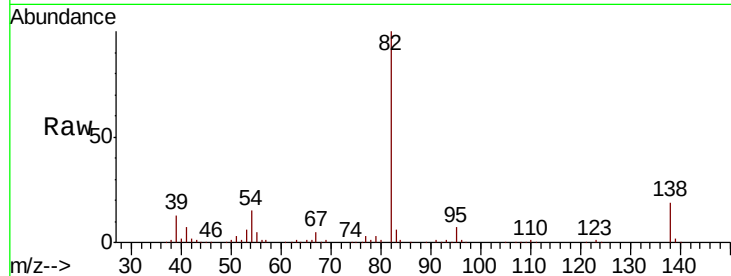
Tot Ion: 82 Resp: 427153

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 19.3 16.4 24.6



#26

2-Nitrophenol

Concen: 37.183 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

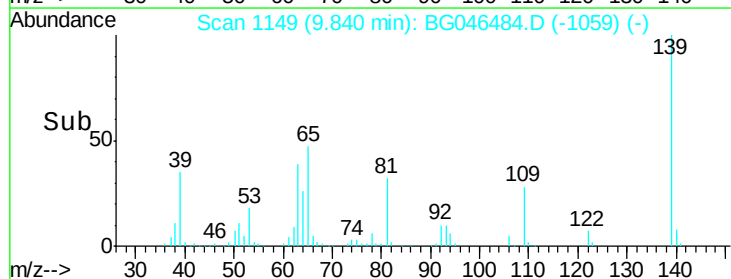
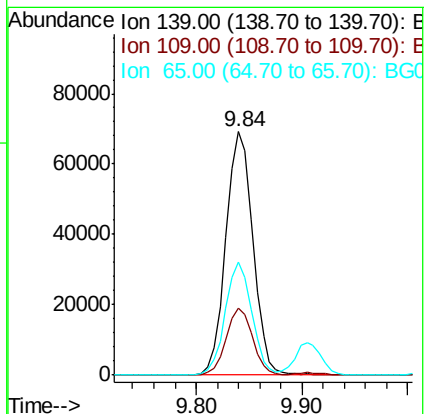
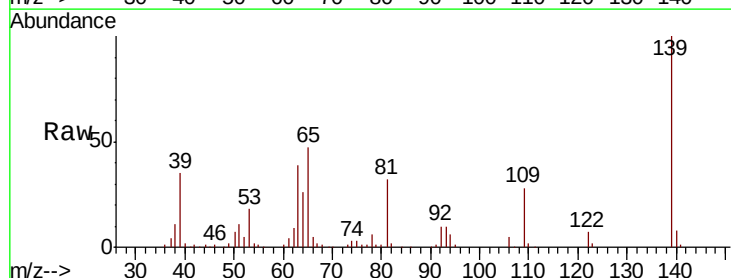
Tgt Ion: 139 Resp: 122796

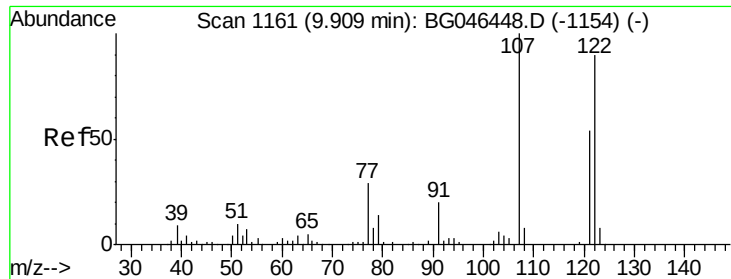
Ion Ratio Lower Upper

139 100

109 27.8 18.8 28.2

65 46.5 35.0 52.6

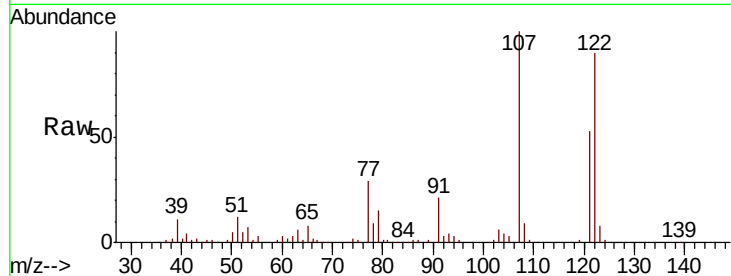




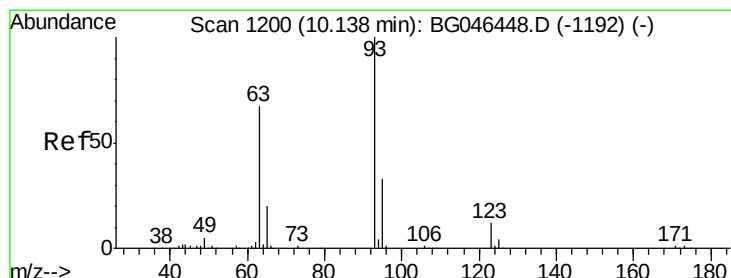
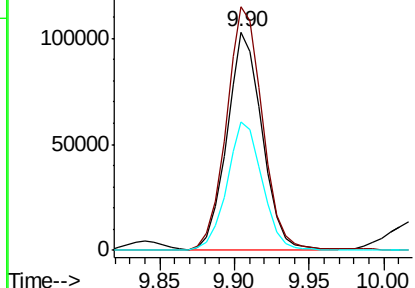
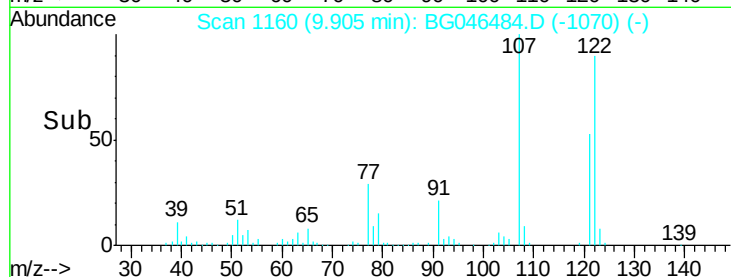
#27  
2,4-Dimethylphenol  
Concen: 37.109 ng  
RT: 9.90 min Scan# 1160  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:122 Resp: 168557  
Ion Ratio Lower Upper  
122 100  
107 111.4 88.2 132.2  
121 58.7 47.4 71.0

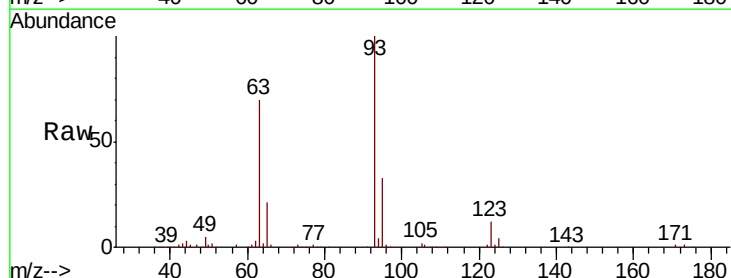


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

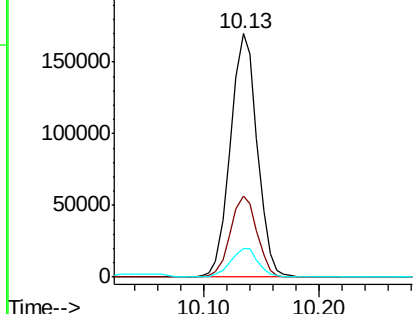
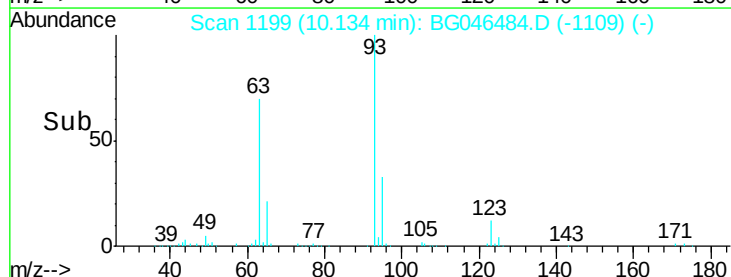


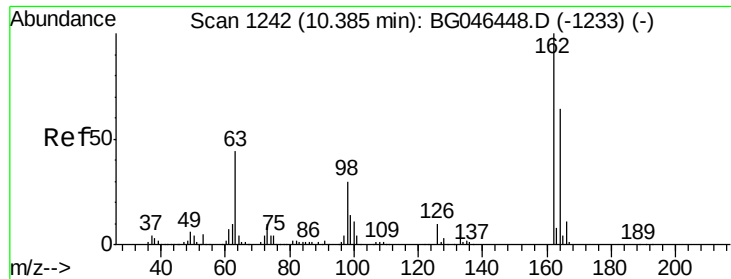
#28  
bis(2-Chloroethoxy)methane  
Concen: 36.556 ng  
RT: 10.13 min Scan# 1199  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Tgt Ion: 93 Resp: 273310  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.1 39.1  
123 11.8 9.5 14.3



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

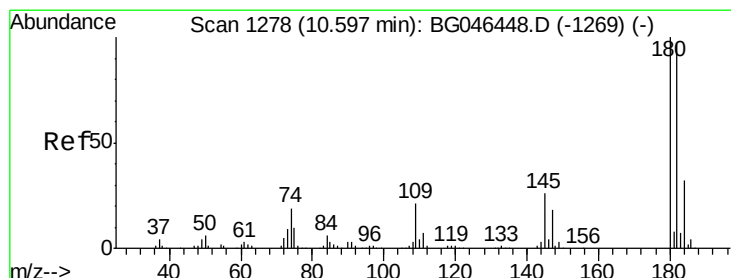
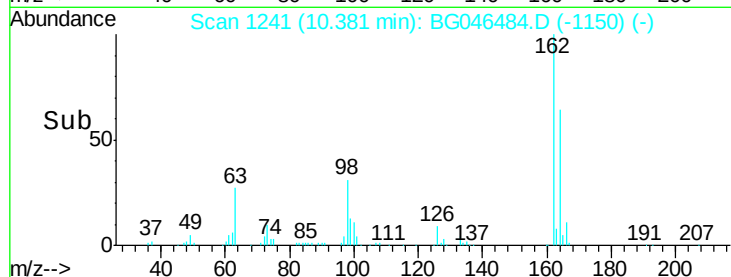
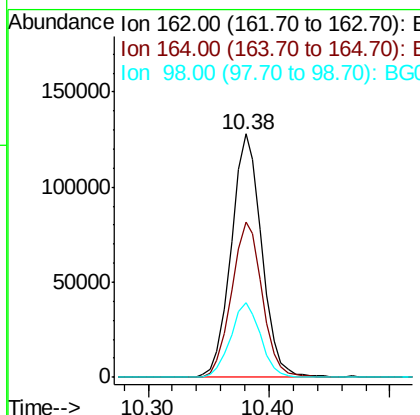
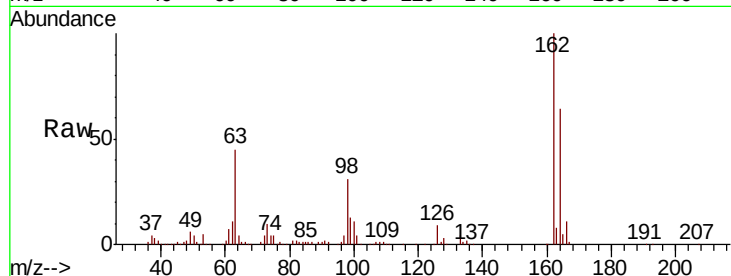




#29  
 2,4-Dichlorophenol  
 Concen: 37.043 ng  
 RT: 10.38 min Scan# 1241  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

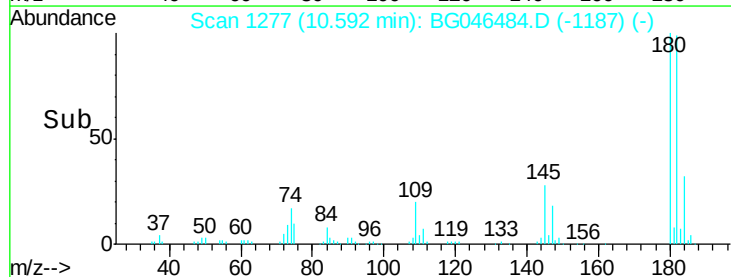
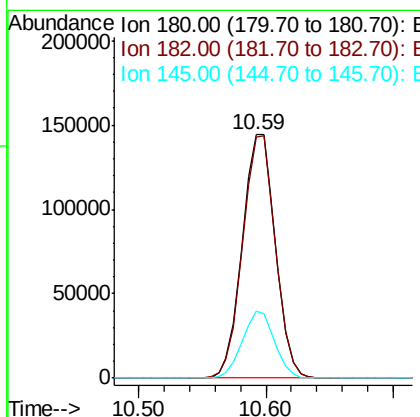
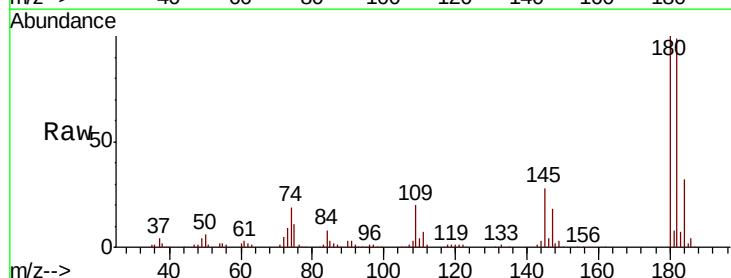
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

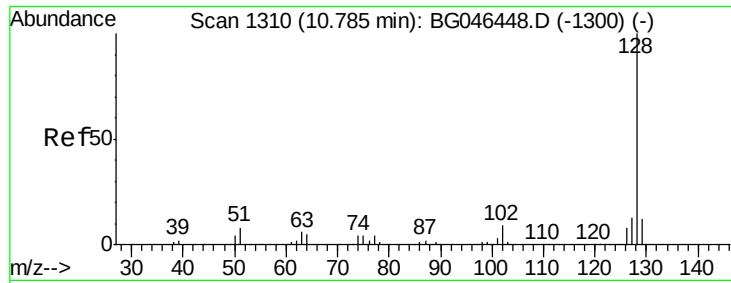
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.7  | 44.3  | 84.3  |
| 98      | 30.9  | 10.0  | 50.0  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.275 ng  
 RT: 10.59 min Scan# 1277  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.2  | 77.8  | 116.8 |
| 145     | 27.8  | 20.9  | 31.3  |

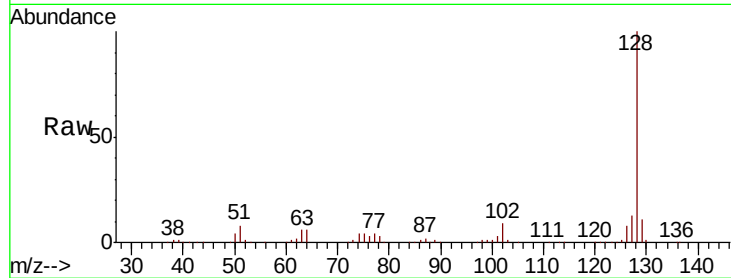




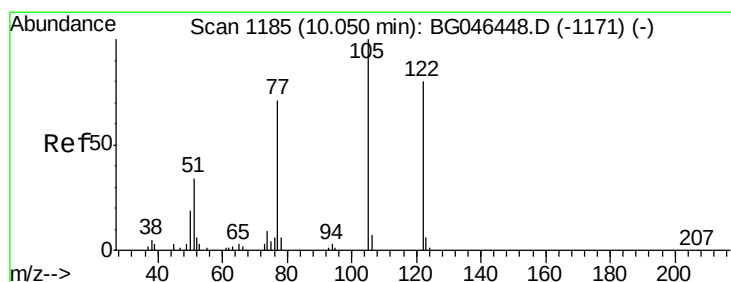
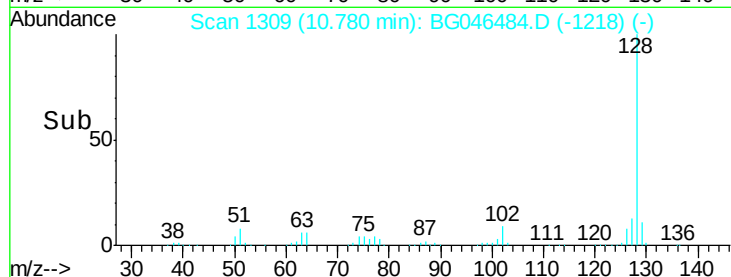
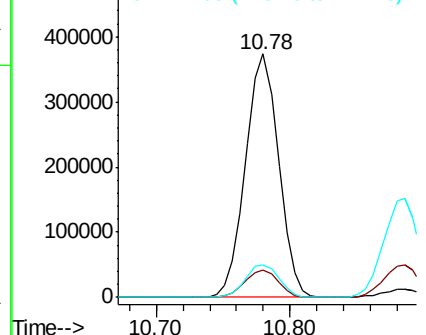
#31  
Naphthalene  
Concen: 36.225 ng  
RT: 10.78 min Scan# 1309  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 640497  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 13.5 10.7 16.1

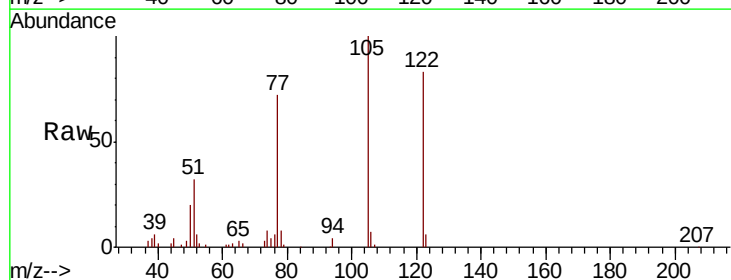


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

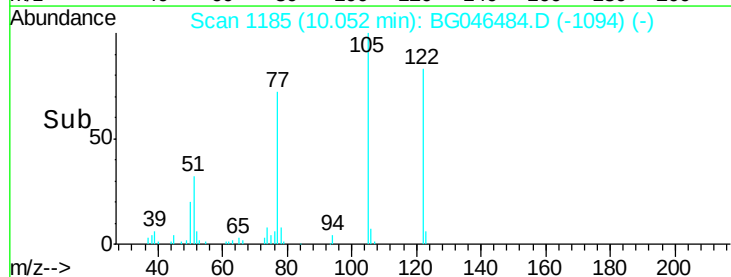
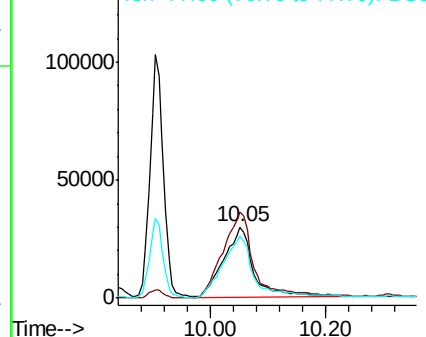


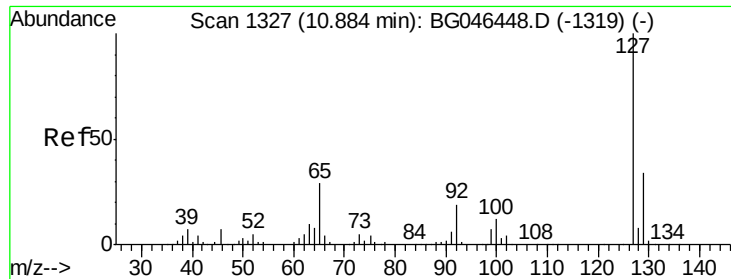
#32  
Benzoic acid  
Concen: 35.333 ng  
RT: 10.05 min Scan# 1185  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Tgt Ion:122 Resp: 106937  
Ion Ratio Lower Upper  
122 100  
105 120.8 102.5 142.5  
77 86.9 68.2 108.2



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

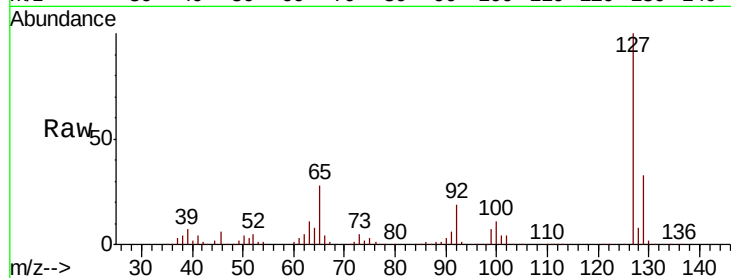




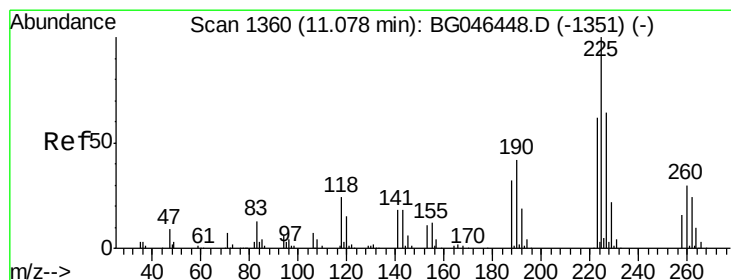
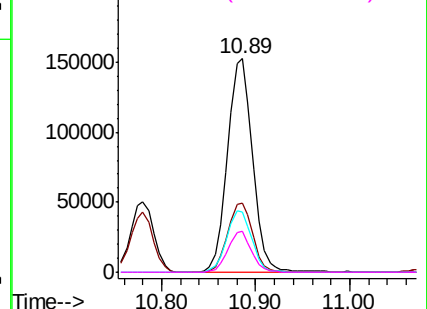
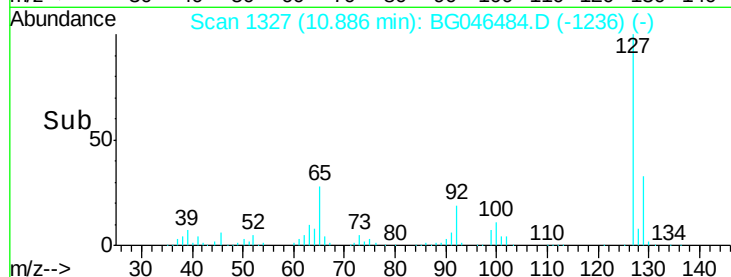
#33  
4-Chloroaniline  
Concen: 36.417 ng  
RT: 10.89 min Scan# 1327  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 283929 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 27.0  | 40.4   |
| 65       | 28.0  | 23.5  | 35.3   |
| 92       | 19.5  | 14.9  | 22.3   |

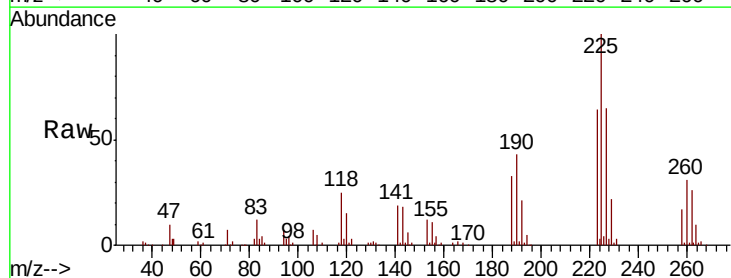


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

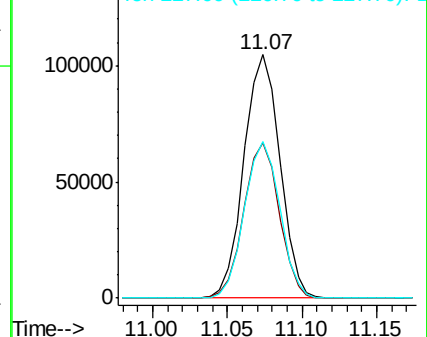
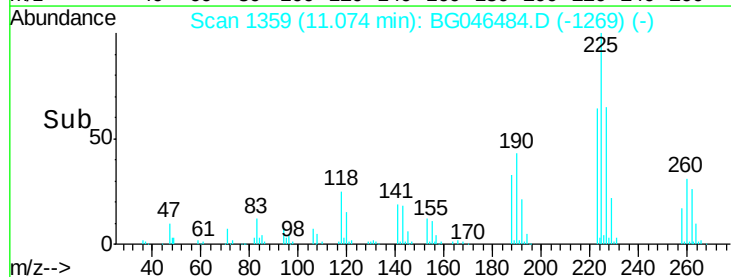


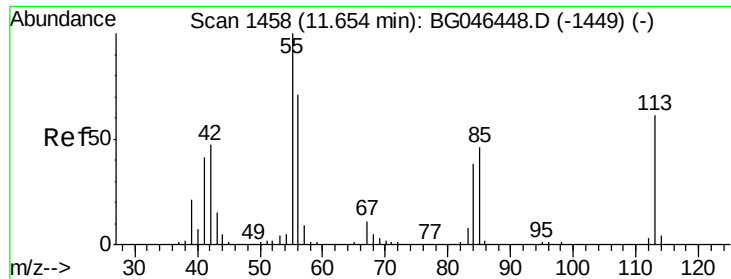
#34  
Hexachlorobutadiene  
Concen: 37.564 ng  
RT: 11.07 min Scan# 1359  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 175191 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.9  | 49.9  | 74.9   |
| 227      | 64.5  | 51.6  | 77.4   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

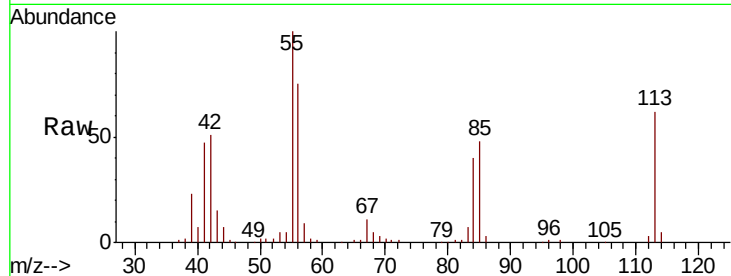




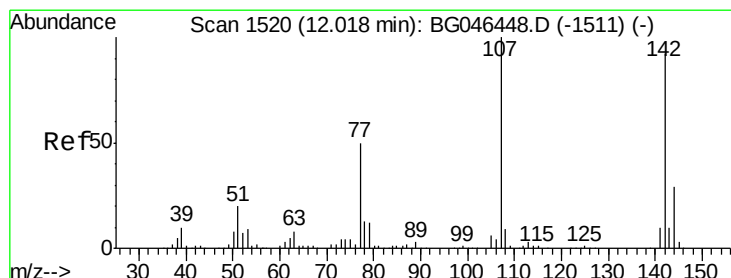
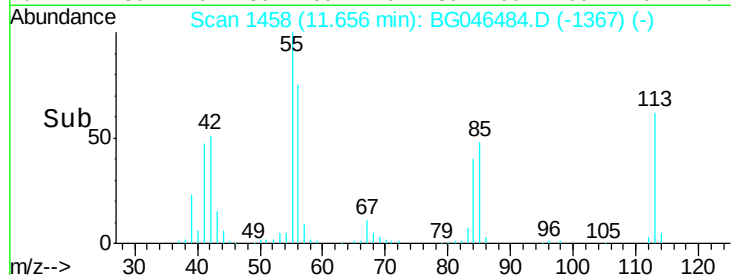
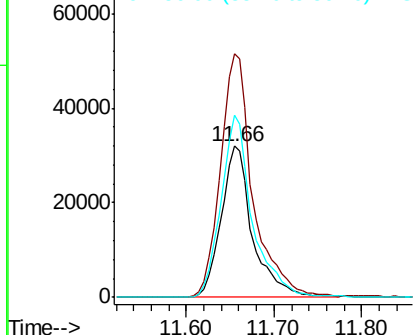
#35  
 Caprolactam  
 Concen: 34.877 ng  
 RT: 11.66 min Scan# 1458  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:113 Resp: 78942  
 Ion Ratio Lower Upper  
 113 100  
 55 160.9 144.2 184.2  
 56 120.2 97.0 137.0

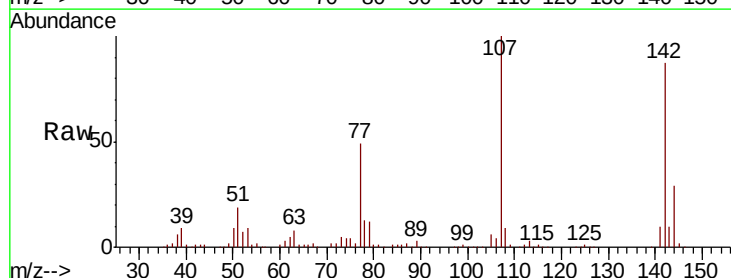


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BGO  
 Ion 56.00 (55.70 to 56.70): BGO

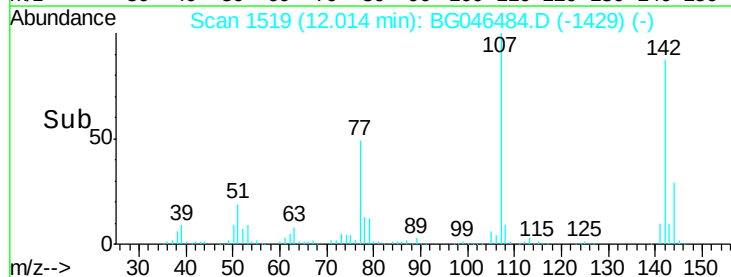
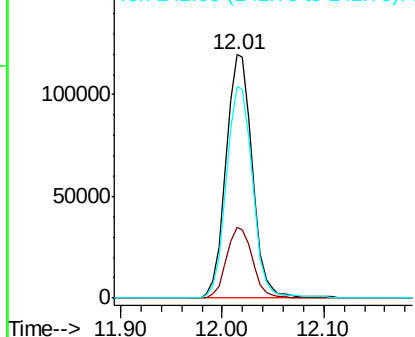


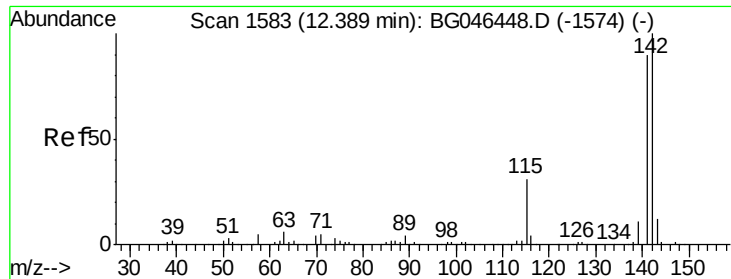
#36  
 4-Chloro-3-methylphenol  
 Concen: 36.517 ng  
 RT: 12.01 min Scan# 1519  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Tgt Ion:107 Resp: 216266  
 Ion Ratio Lower Upper  
 107 100  
 144 29.2 23.3 34.9  
 142 86.7 73.7 110.5



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

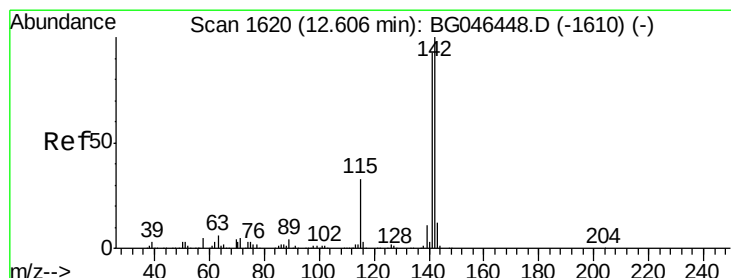
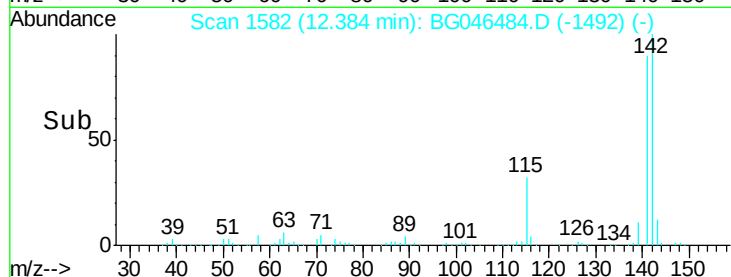
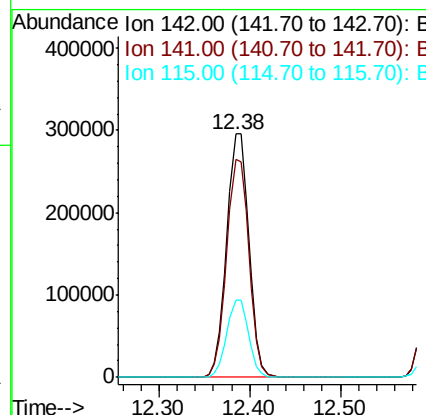
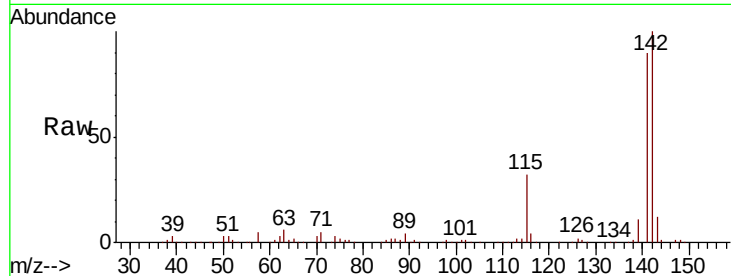




#37  
2-Methylnaphthalene  
Concen: 36.156 ng  
RT: 12.38 min Scan# 1582  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

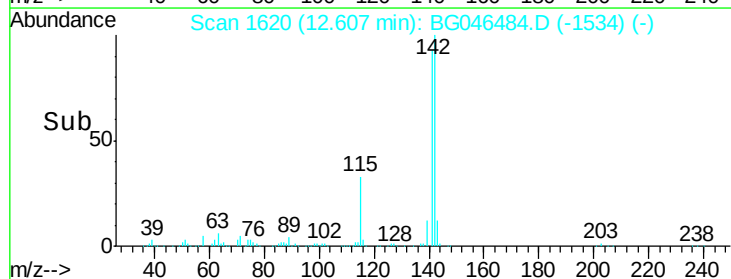
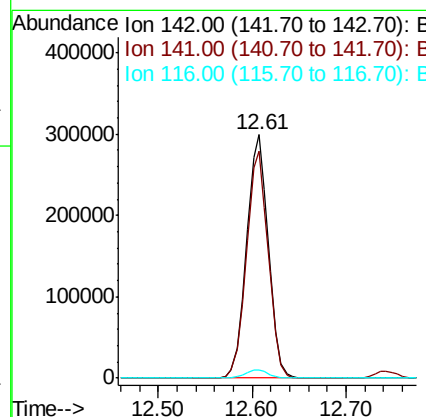
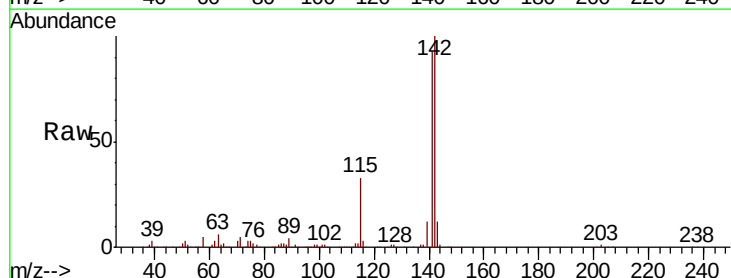
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

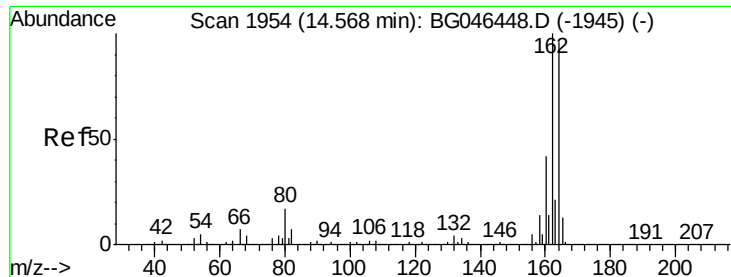
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 72.1  | 108.1 |
| 115     | 31.7  | 24.9  | 37.3  |



#38  
1-Methylnaphthalene  
Concen: 36.050 ng  
RT: 12.61 min Scan# 1620  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.0  | 74.7  | 112.1 |
| 116     | 3.4   | 2.6   | 4.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

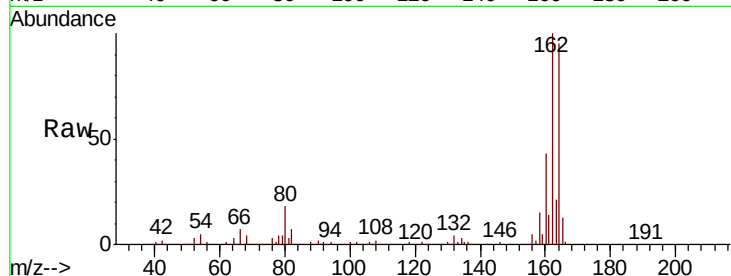
Tot Ion:164 Resp: 242546

Ion Ratio Lower Upper

164 100

162 105.7 83.3 124.9

160 45.9 35.0 52.6

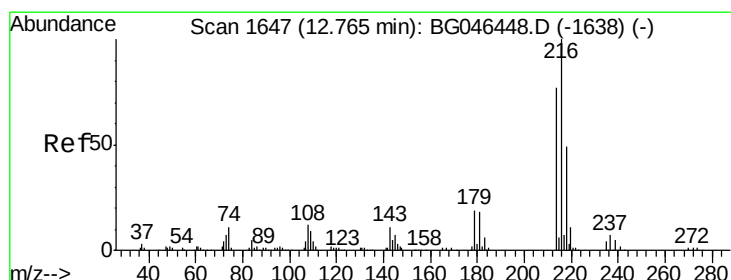
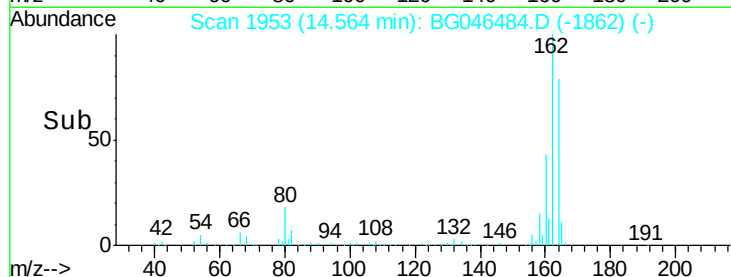
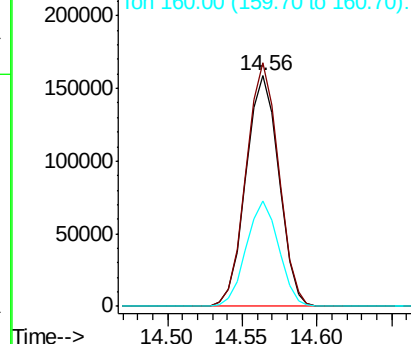


Abundance

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: 37.786 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Tgt Ion:216 Resp: 302222

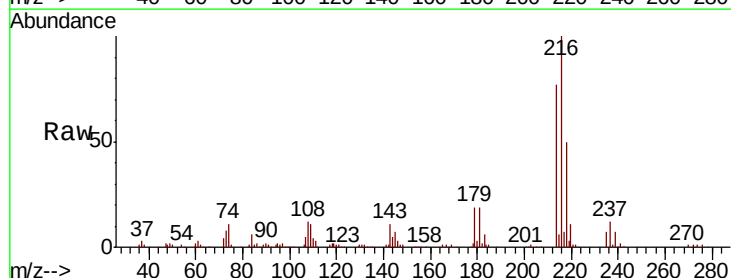
Ion Ratio Lower Upper

216 100

214 77.8 62.1 93.1

179 18.5 14.9 22.3

108 13.5 10.5 15.7



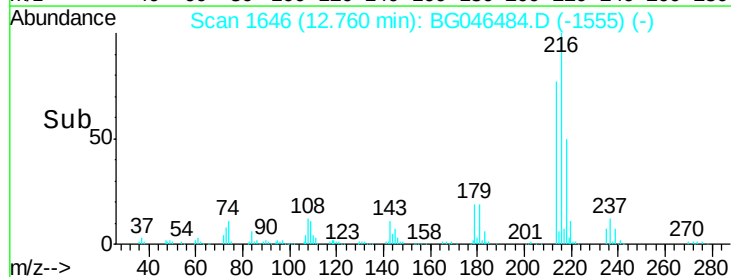
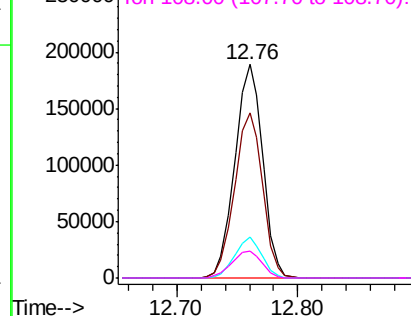
Abundance

Ion 216.00 (215.70 to 216.70): E

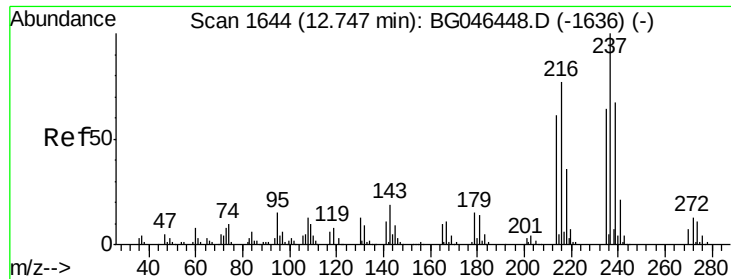
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



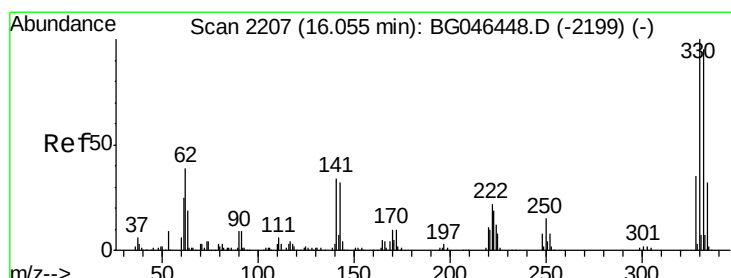
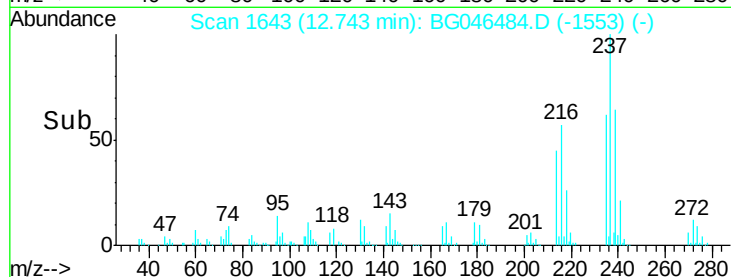
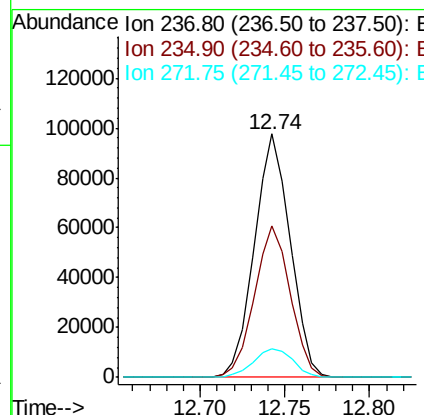
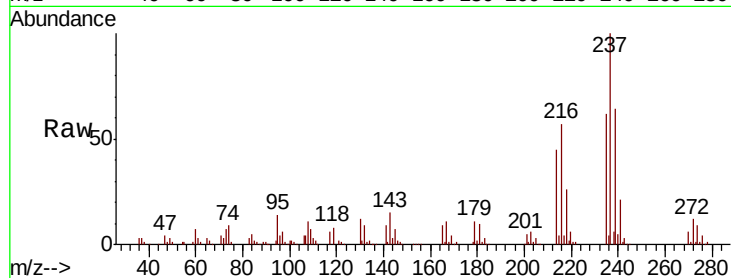




#41  
Hexachlorocyclopentadiene  
Concen: 41.414 ng  
RT: 12.74 min Scan# 1643  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

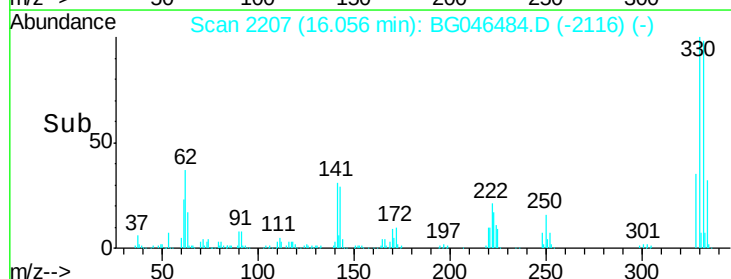
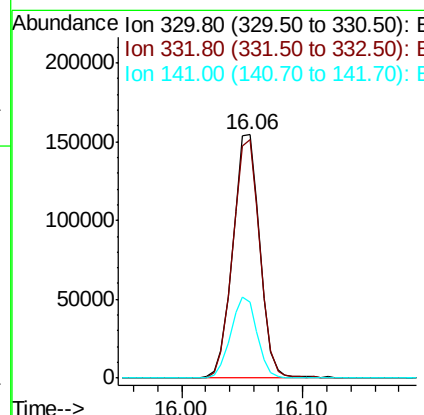
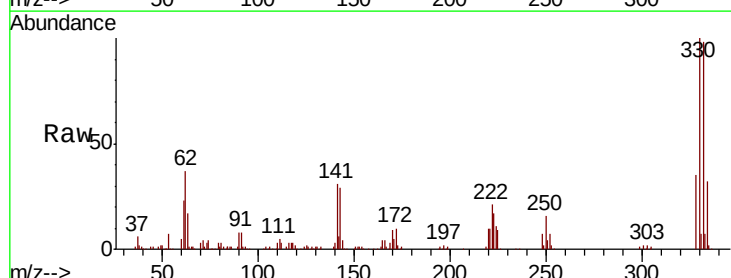
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

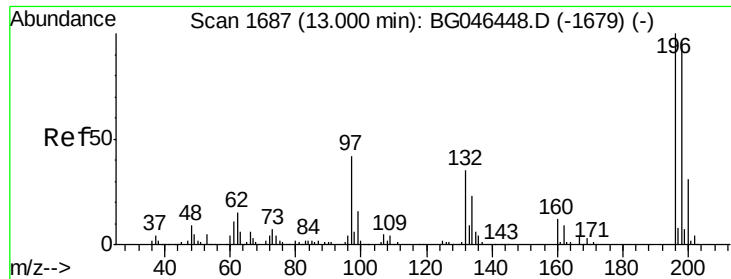
Tot Ion:237 Resp: 144032  
Ion Ratio Lower Upper  
237 100  
235 62.3 44.5 84.5  
272 12.0 0.0 32.8



#42  
2,4,6-Tribromophenol  
Concen: 72.859 ng  
RT: 16.06 min Scan# 2207  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Tgt Ion:330 Resp: 239439  
Ion Ratio Lower Upper  
330 100  
332 98.3 76.1 114.1  
141 32.7 26.1 39.1

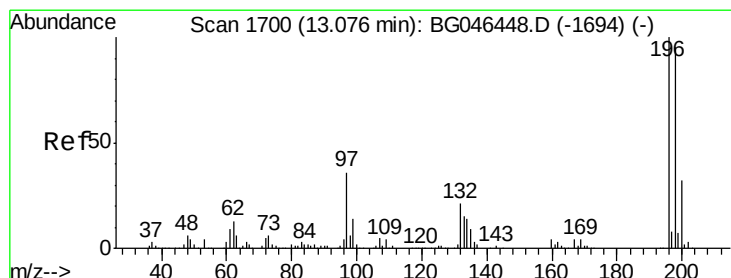
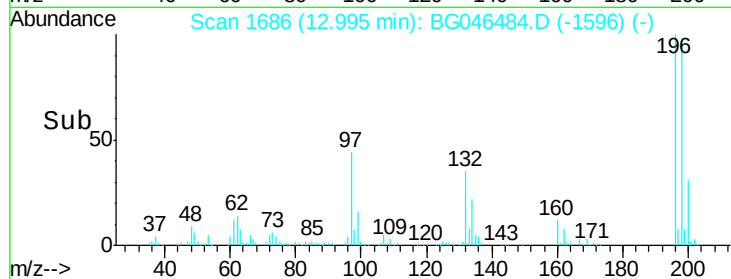
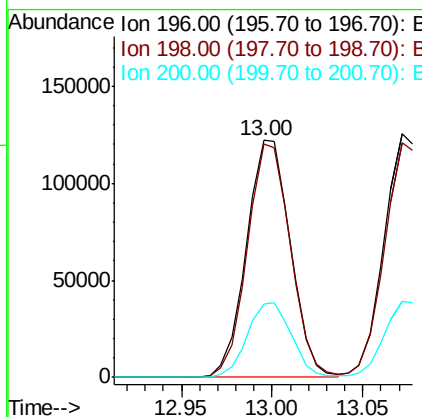
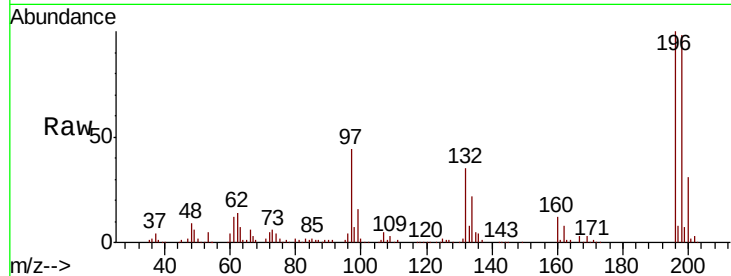




#43  
 2,4,6-Trichlorophenol  
 Concen: 38.085 ng  
 RT: 13.00 min Scan# 1686  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

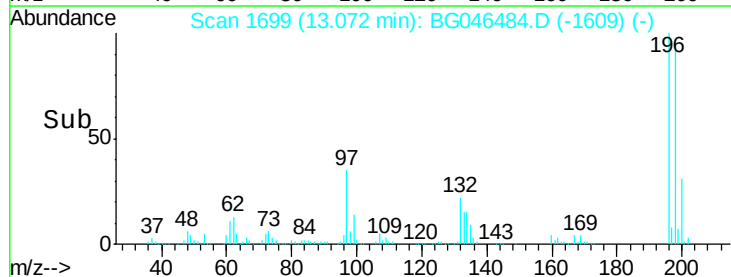
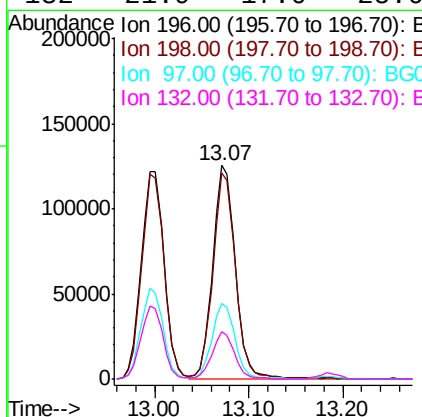
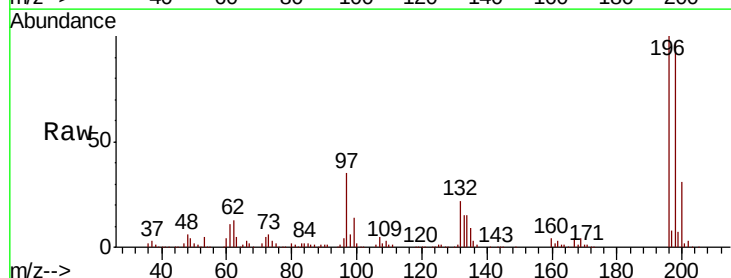
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

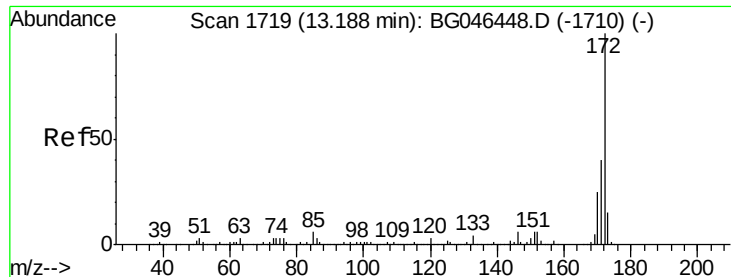
Tot Ion:196 Resp: 205562  
 Ion Ratio Lower Upper  
 196 100  
 198 98.4 77.0 115.6  
 200 30.8 25.2 37.8



#44  
 2,4,5-Trichlorophenol  
 Concen: 37.401 ng  
 RT: 13.07 min Scan# 1699  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Tgt Ion:196 Resp: 212097  
 Ion Ratio Lower Upper  
 196 100  
 198 96.5 75.6 113.4  
 97 35.5 28.6 43.0  
 132 21.9 17.0 25.6

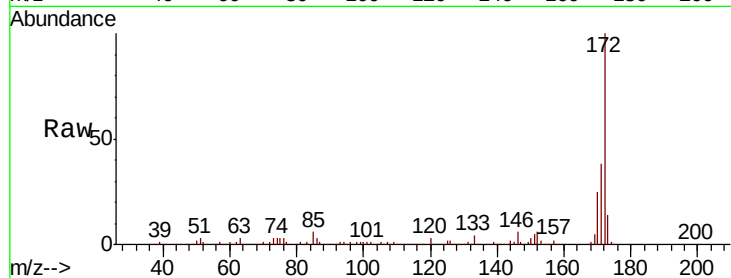




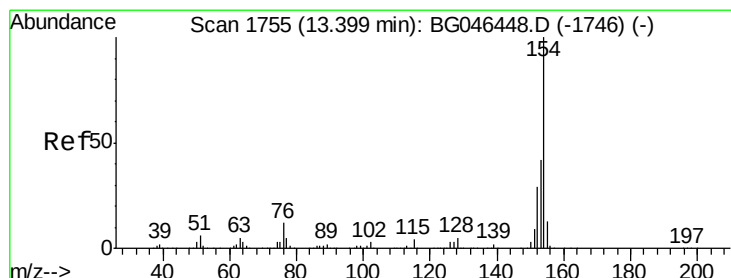
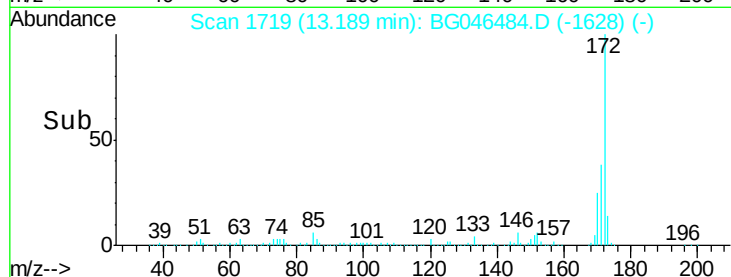
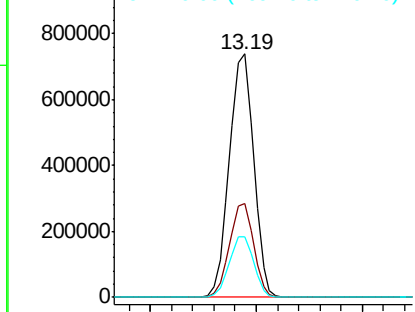
#45  
2-Fluorobiphenyl  
Concen: 73.924 ng  
RT: 13.19 min Scan# 1719  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:172 Resp: 1174537  
Ion Ratio Lower Upper  
172 100  
171 38.3 31.8 47.6  
170 25.0 20.3 30.5

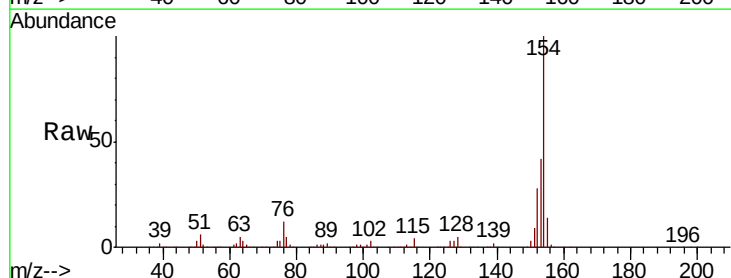


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

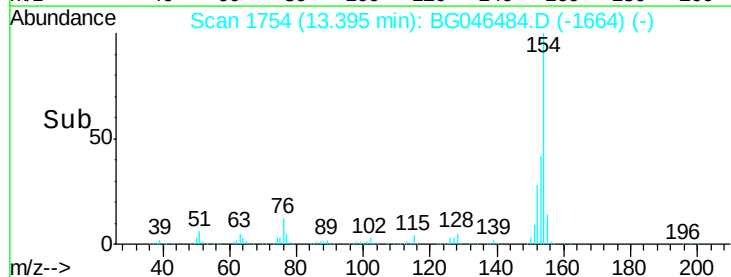
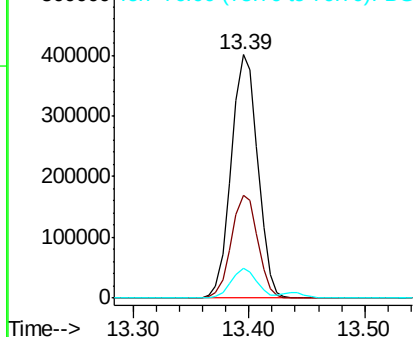


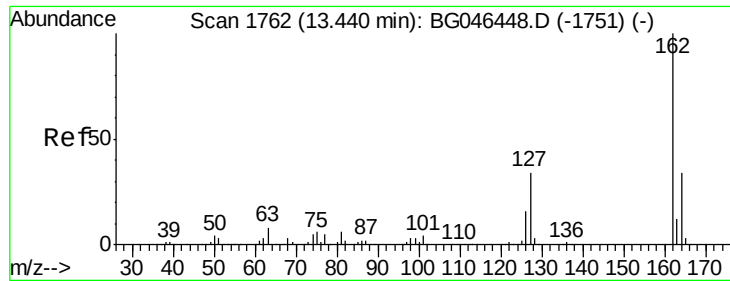
#46  
1,1'-Biphenyl  
Concen: 37.705 ng  
RT: 13.39 min Scan# 1754  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Tgt Ion:154 Resp: 636263  
Ion Ratio Lower Upper  
154 100  
153 42.4 22.0 62.0  
76 12.0 0.0 32.3



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

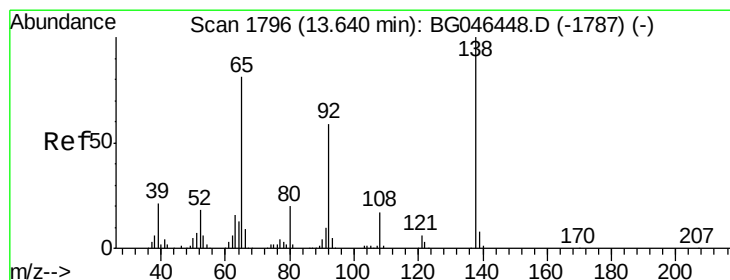
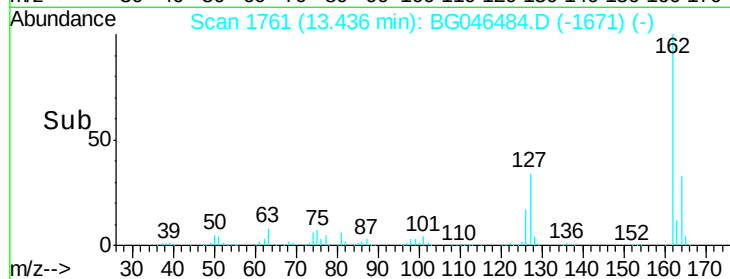
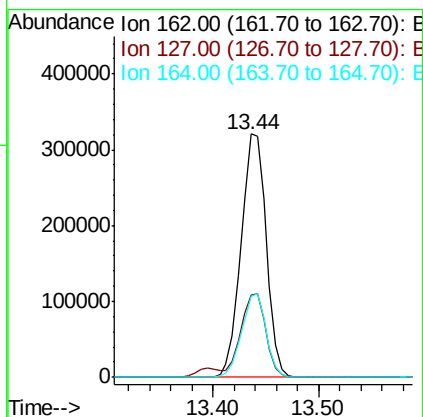
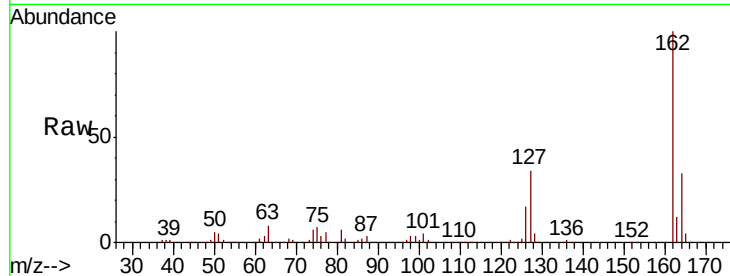




#47  
 2-Chloronaphthalene  
 Concen: 36.992 ng  
 RT: 13.44 min Scan# 1761  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

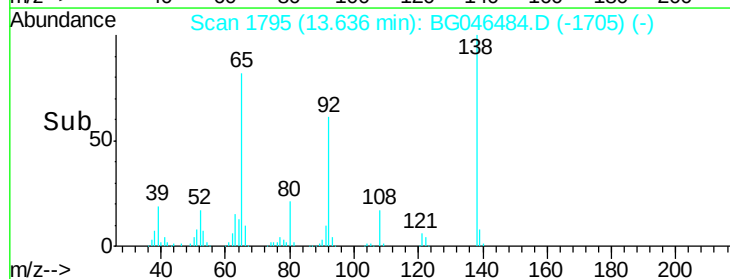
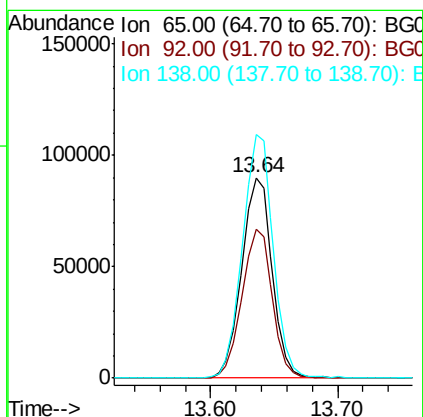
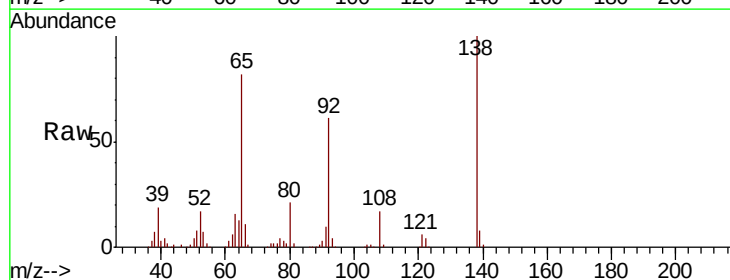
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

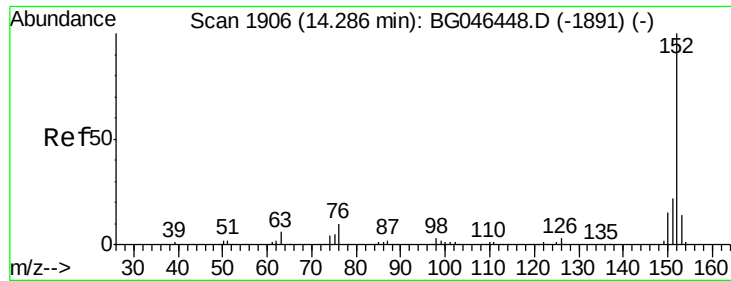
Tot Ion:162 Resp: 529276  
 Ion Ratio Lower Upper  
 162 100  
 127 33.6 27.6 41.4  
 164 33.2 27.3 40.9



#48  
 2-Nitroaniline  
 Concen: 37.798 ng  
 RT: 13.64 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Tgt Ion: 65 Resp: 150168  
 Ion Ratio Lower Upper  
 65 100  
 92 74.1 58.5 87.7  
 138 121.6 98.4 147.6





#49

Acenaphthylene

Concen: 37.233 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

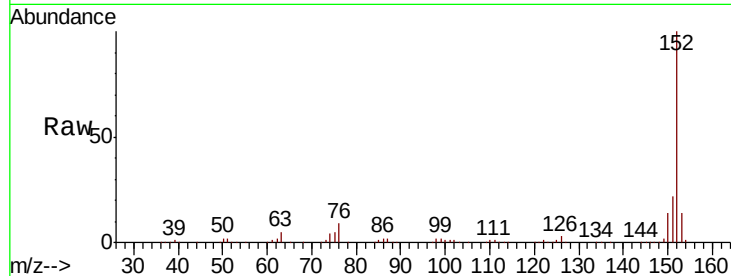
Tot Ion:152 Resp: 808077

Ion Ratio Lower Upper

152 100

151 21.9 17.7 26.5

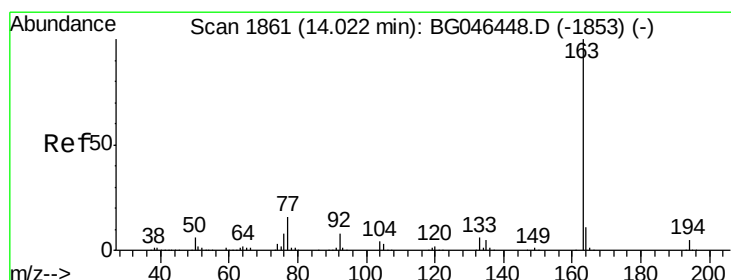
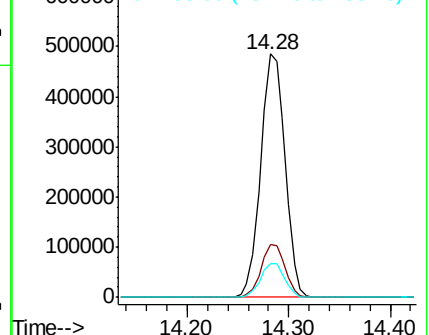
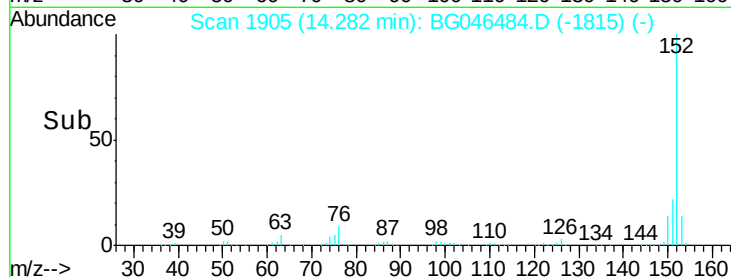
153 14.1 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.168 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

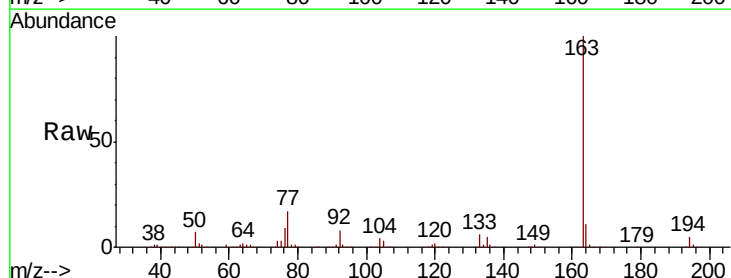
Tgt Ion:163 Resp: 678675

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

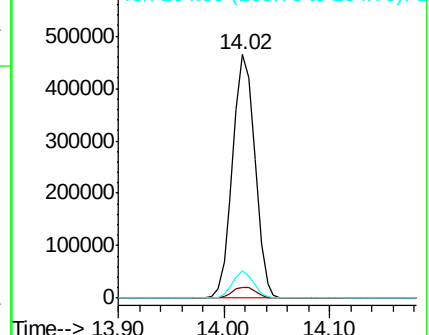
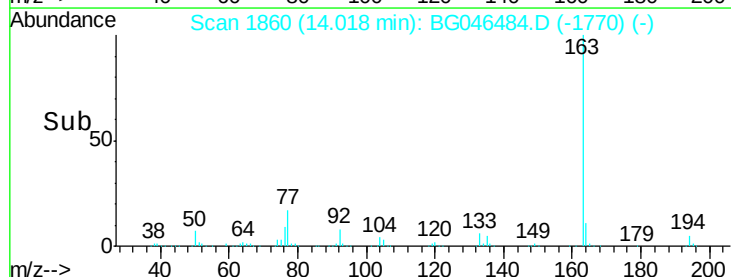
164 11.1 8.6 12.8

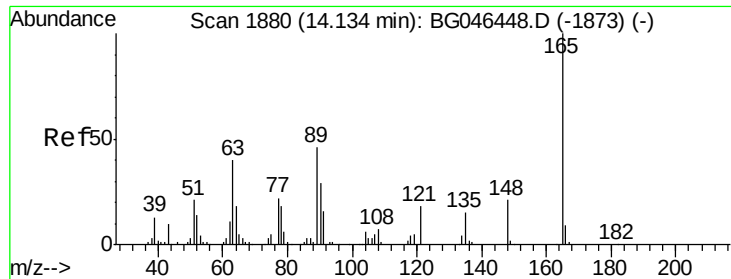


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

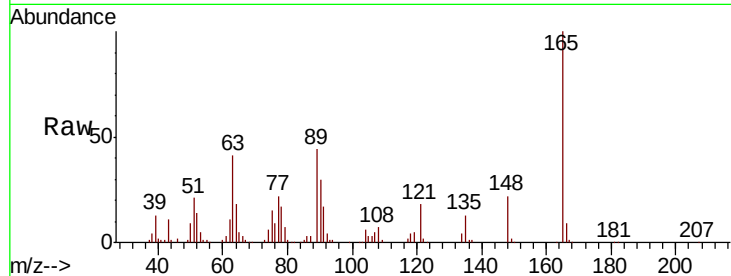




#51  
 2,6-Dinitrotoluene  
 Concen: 36.495 ng  
 RT: 14.14 min Scan# 1880  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

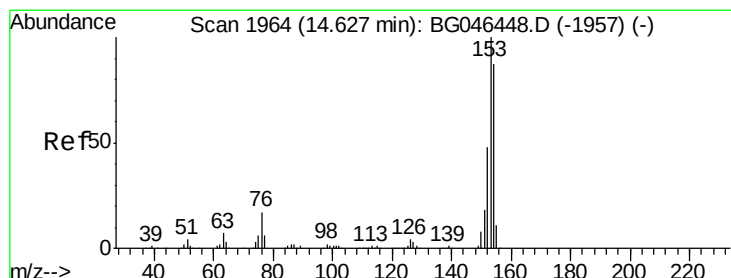
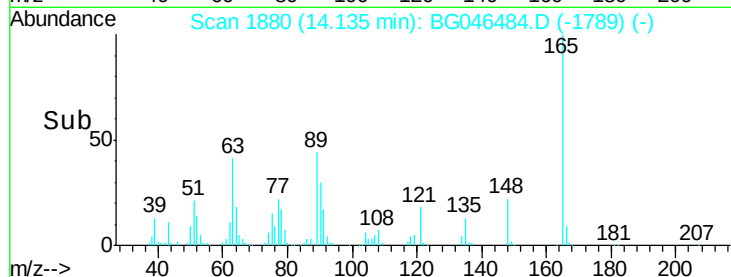
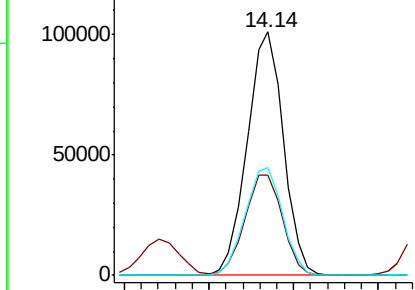
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.1  | 34.2  | 51.4  |
| 89      | 44.5  | 37.0  | 55.4  |



Abundance Ion 165.00 (164.70 to 165.70): E

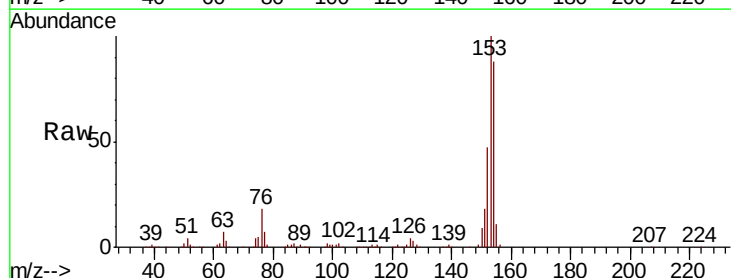
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52  
 Acenaphthene  
 Concen: 36.777 ng  
 RT: 14.63 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

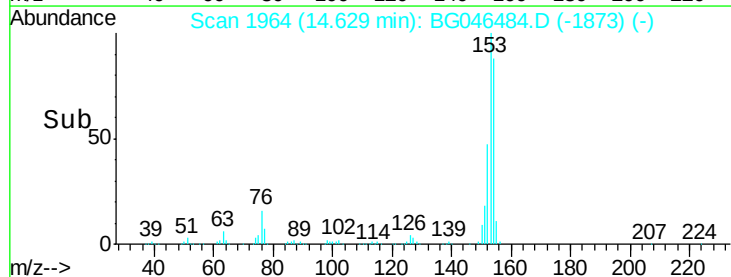
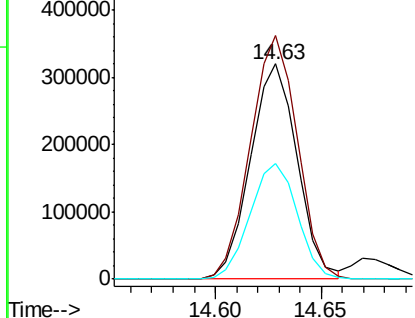
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.0 | 91.9  | 137.9 |
| 152     | 53.7  | 43.8  | 65.6  |

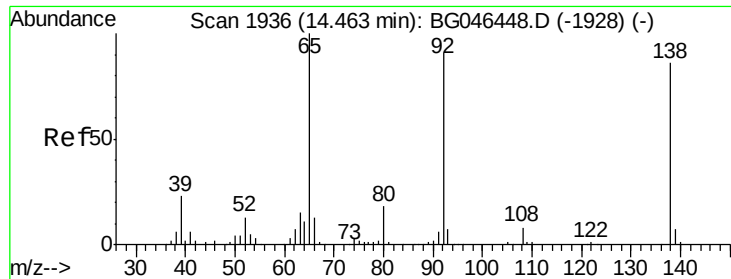


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 36.764 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

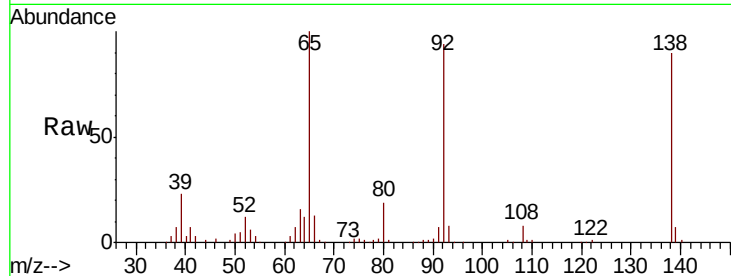
Tot Ion:138 Resp: 164721

Ion Ratio Lower Upper

138 100

108 9.4 7.0 10.6

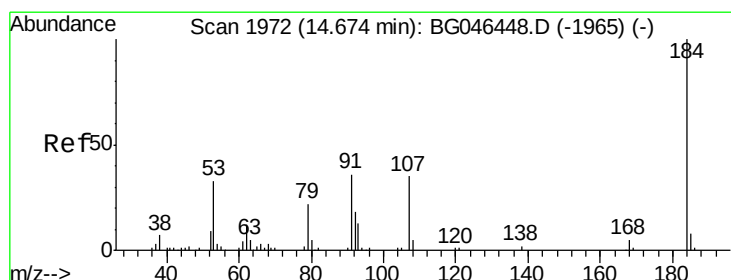
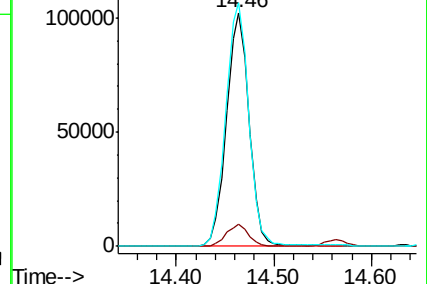
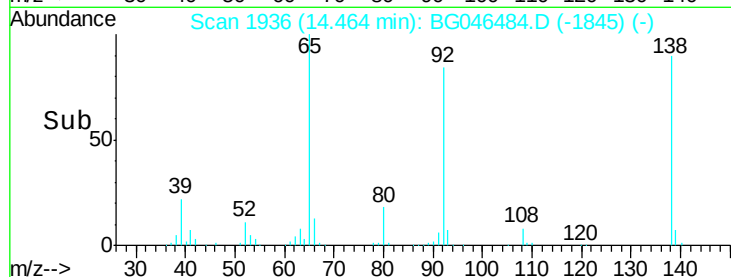
92 104.2 84.6 127.0



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: 39.139 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

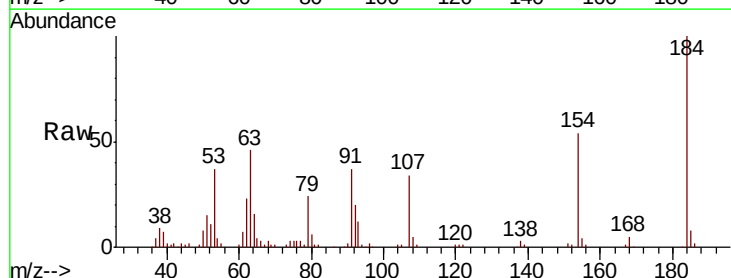
Tgt Ion:184 Resp: 94499

Ion Ratio Lower Upper

184 100

63 46.2 35.6 53.4

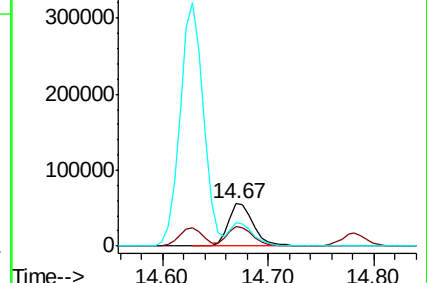
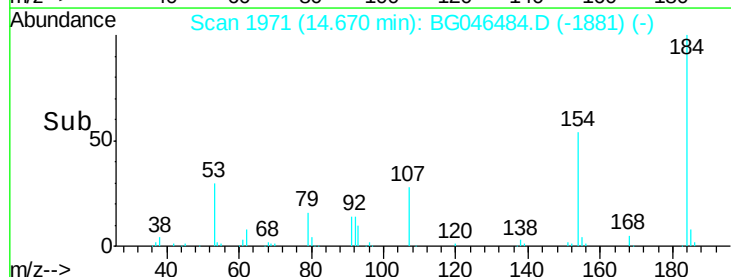
154 54.2 44.3 66.5

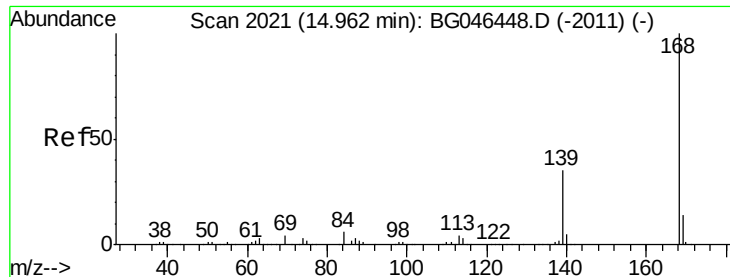


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

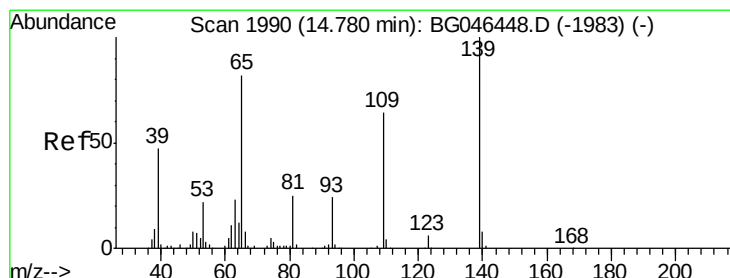
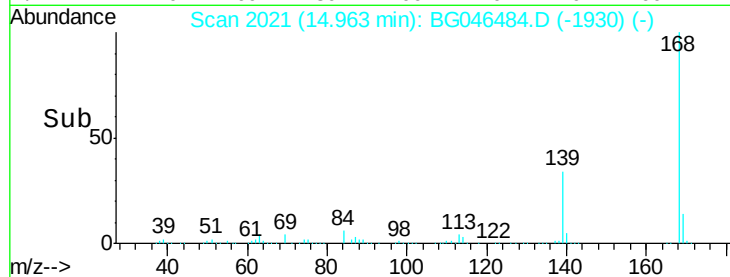
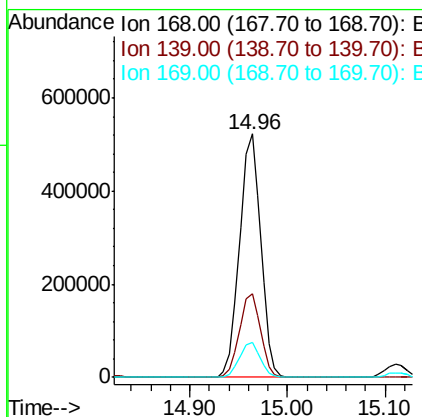
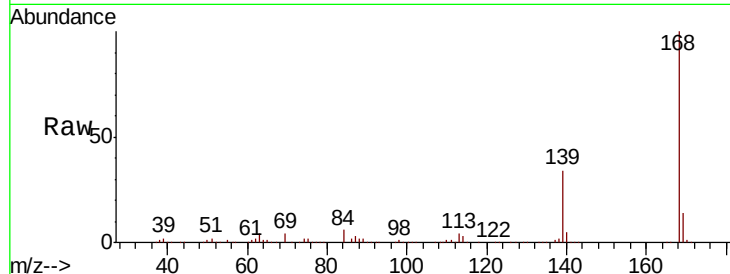




#55  
Dibenzenofuran  
Concen: 36.608 ng  
RT: 14.96 min Scan# 2021  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

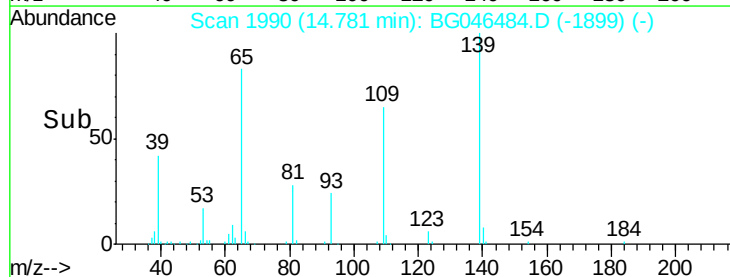
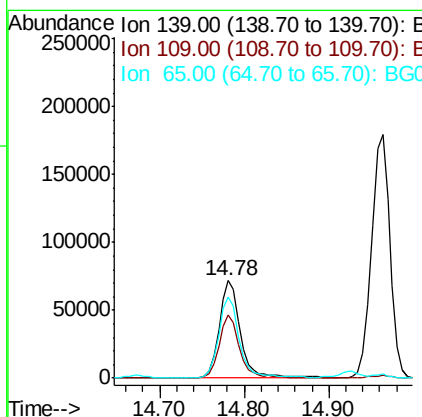
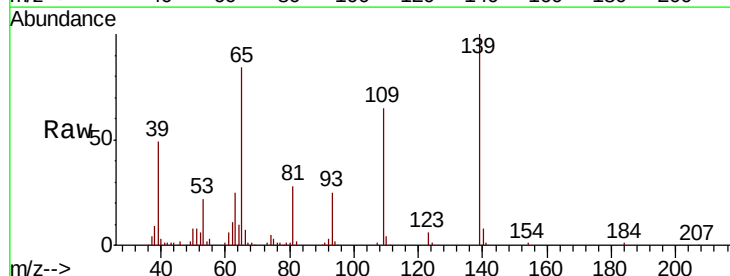
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:168 Resp: 790146  
Ion Ratio Lower Upper  
168 100  
139 34.3 28.1 42.1  
169 14.1 11.5 17.3

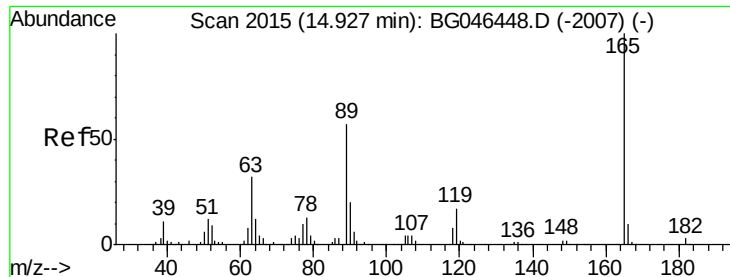


#56  
4-Nitrophenol  
Concen: 38.133 ng  
RT: 14.78 min Scan# 1990  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Tgt Ion:139 Resp: 125744  
Ion Ratio Lower Upper  
139 100  
109 64.9 44.3 84.3  
65 83.6 61.5 101.5







#57

2,4-Dinitrotoluene

Concen: 36.880 ng

RT: 14.92 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 217518

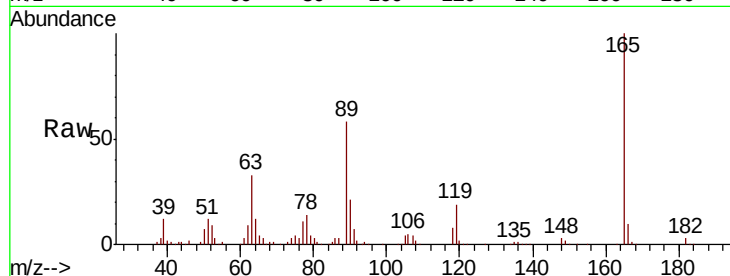
Ion Ratio Lower Upper

165 100

63 33.3 25.4 38.0

89 58.1 45.9 68.9

182 2.9 2.3 3.5

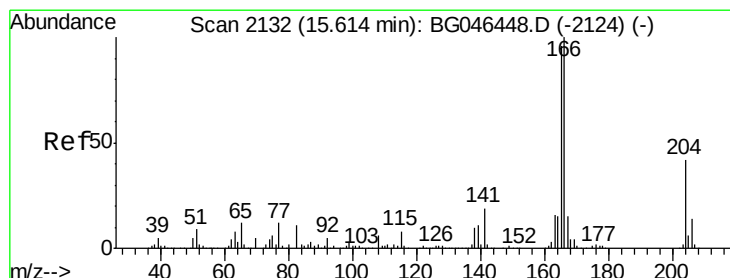
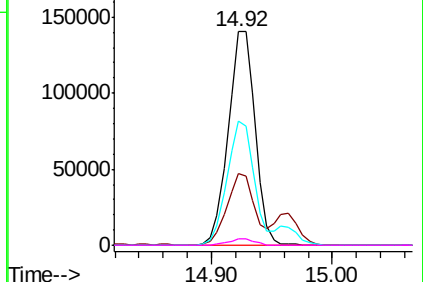
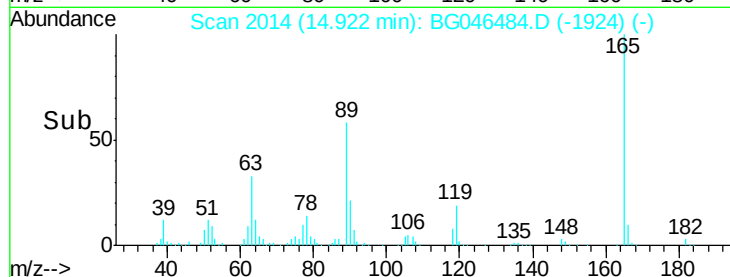


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.025 ng

RT: 15.61 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

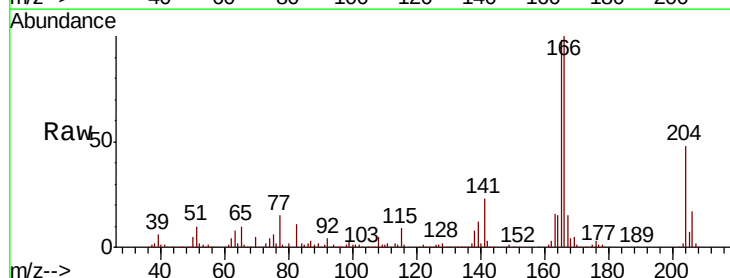
Tgt Ion:166 Resp: 652617

Ion Ratio Lower Upper

166 100

165 98.1 77.0 115.4

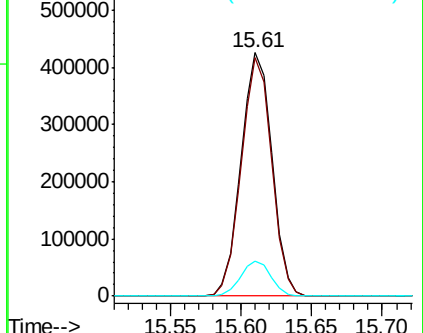
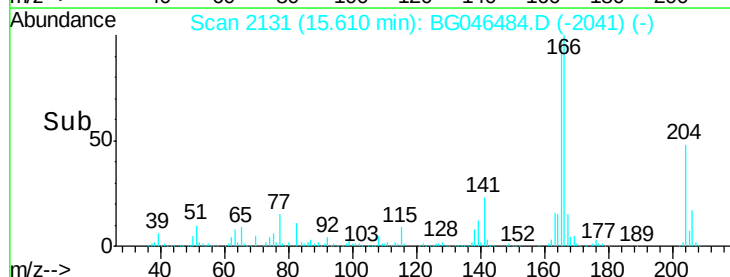
167 14.5 11.8 17.6

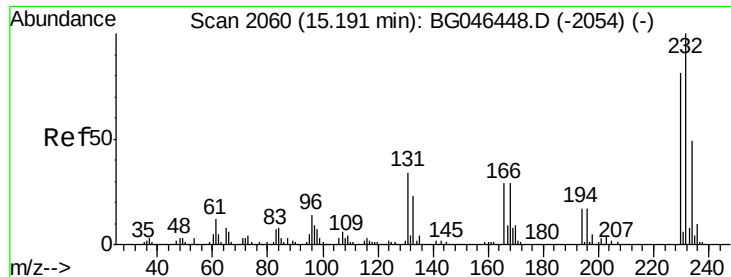


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

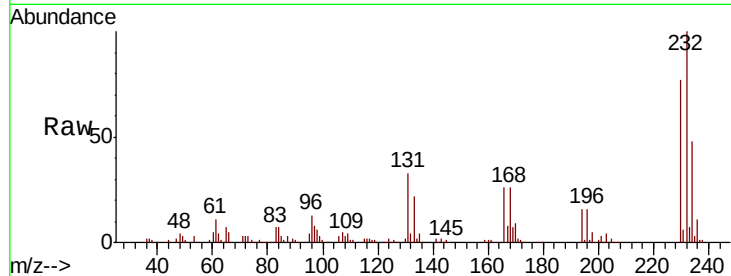




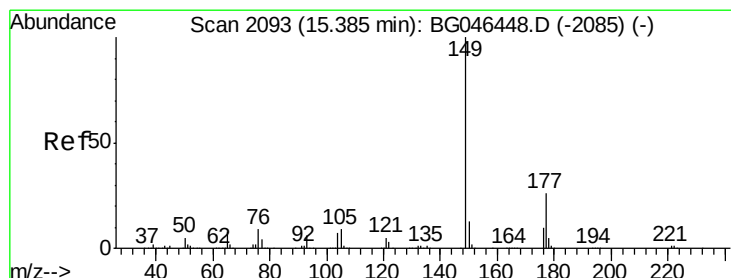
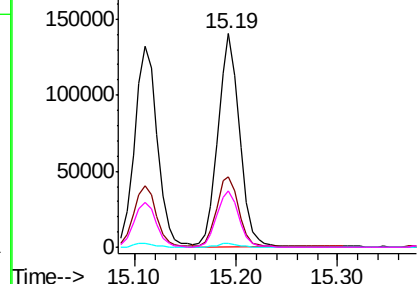
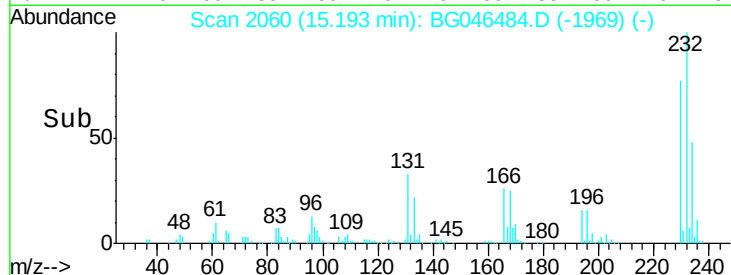
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.773 ng  
 RT: 15.19 min Scan# 2060  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 208011 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 33.5  | 26.8  | 40.2   |
| 130      | 1.8   | 1.4   | 2.2    |
| 166      | 27.3  | 22.8  | 34.2   |

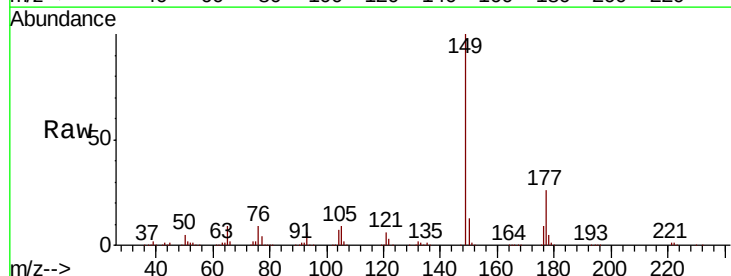


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

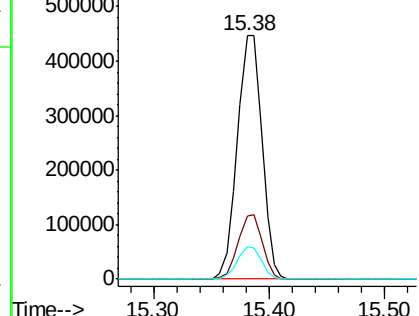
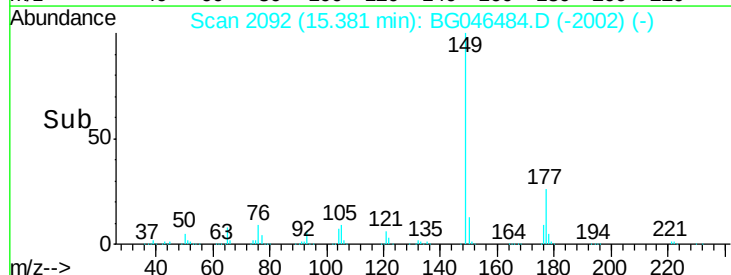


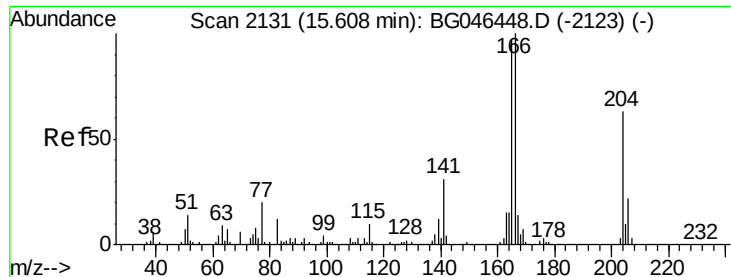
#60  
 Diethylphthalate  
 Concen: 36.229 ng  
 RT: 15.38 min Scan# 2092  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 662814 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 25.9  | 20.6  | 30.8   |
| 150      | 13.3  | 10.3  | 15.5   |



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

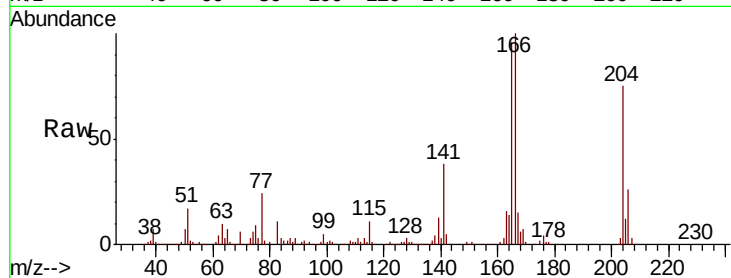




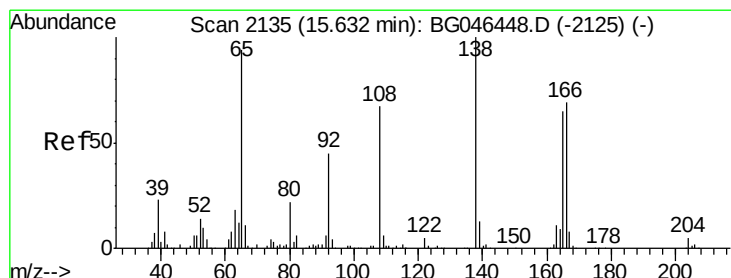
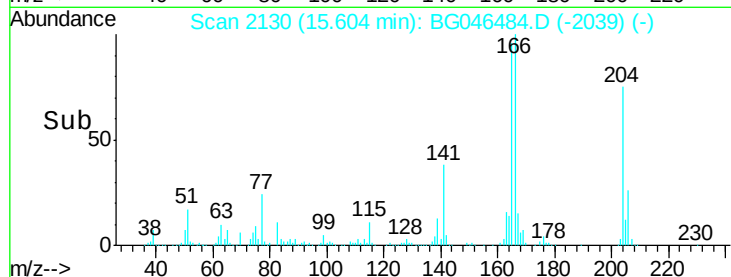
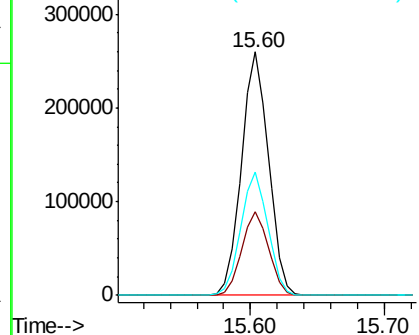
#61  
 4-Chlorophenyl-phenylether  
 Concen: 36.505 ng  
 RT: 15.60 min Scan# 2130  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:204 Resp: 364209  
 Ion Ratio Lower Upper  
 204 100  
 206 34.5 27.7 41.5  
 141 50.5 38.7 58.1

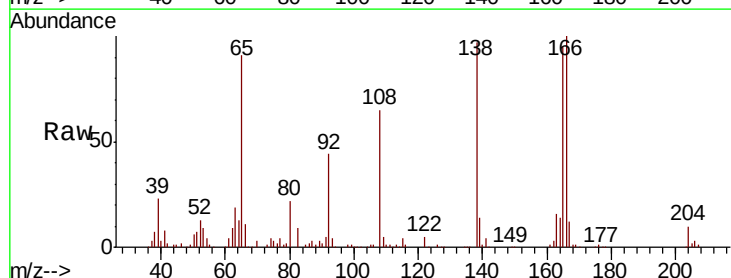


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

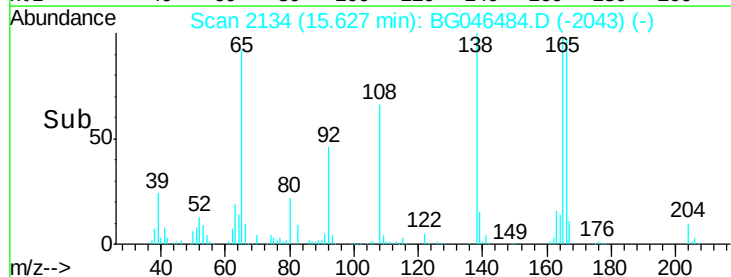
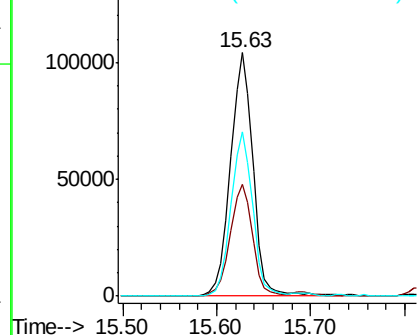


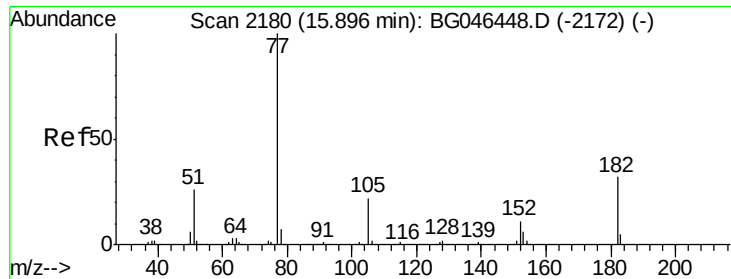
#62  
 4-Nitroaniline  
 Concen: 36.738 ng  
 RT: 15.63 min Scan# 2134  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Tgt Ion:138 Resp: 173685  
 Ion Ratio Lower Upper  
 138 100  
 92 45.7 25.3 65.3  
 108 67.2 46.7 86.7



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

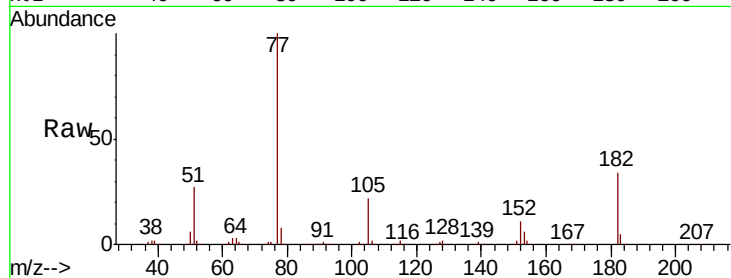




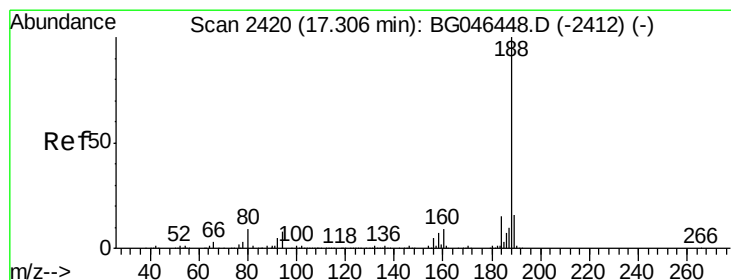
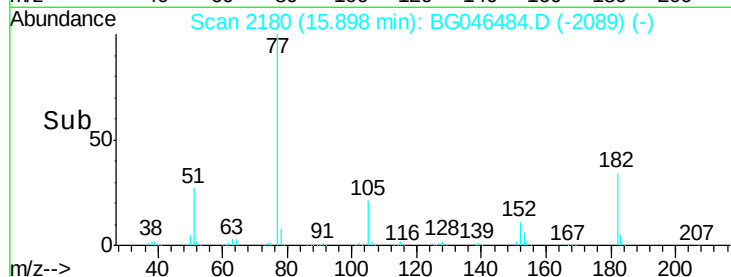
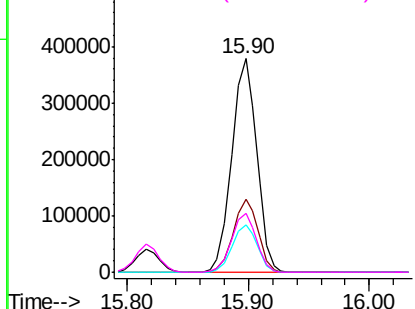
#63  
Azobenzene  
Concen: 36.665 ng  
RT: 15.90 min Scan# 2180  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 545661 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 34.2  | 12.3  | 52.3   |
| 105      | 22.4  | 2.3   | 42.3   |
| 51       | 27.3  | 6.5   | 46.5   |

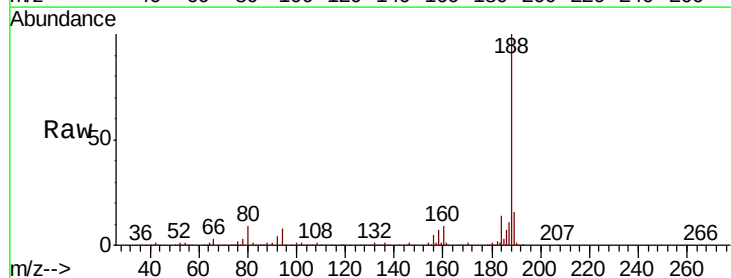


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

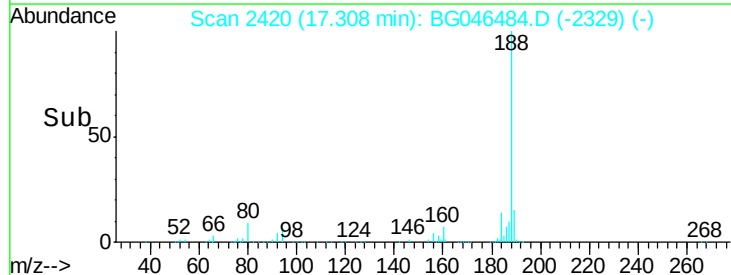
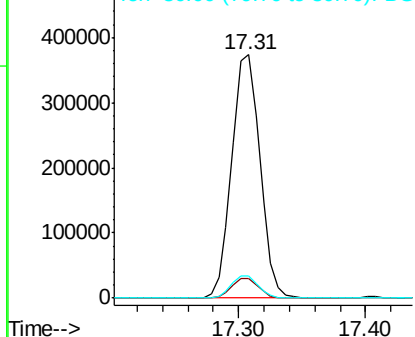


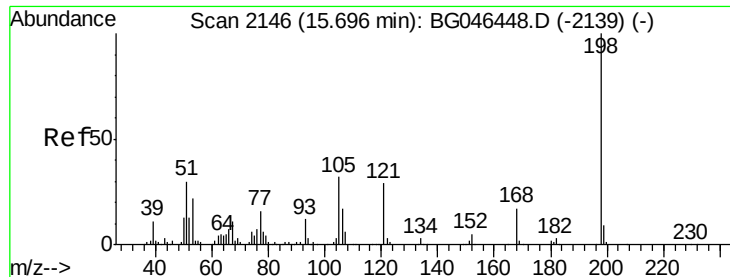
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.31 min Scan# 2420  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 576293 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 7.8   | 6.3   | 9.5    |
| 80       | 8.9   | 6.9   | 10.3   |



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.350 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

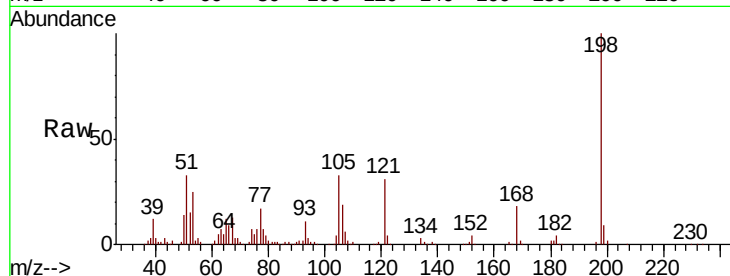
Tot Ion:198 Resp: 131617

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 33.3  | 10.4  | 50.4  |
| 105 | 33.5  | 12.4  | 52.4  |

198 100

51 33.3 10.4 50.4

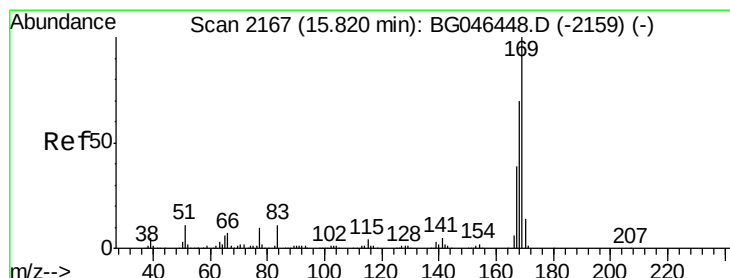
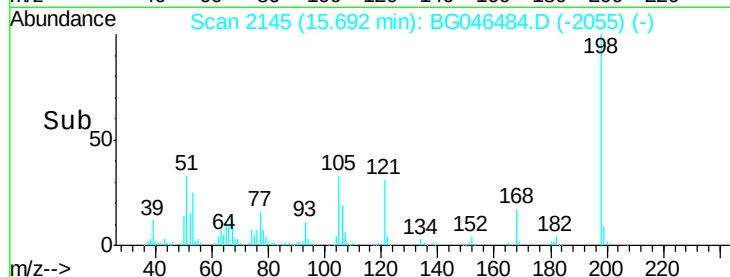
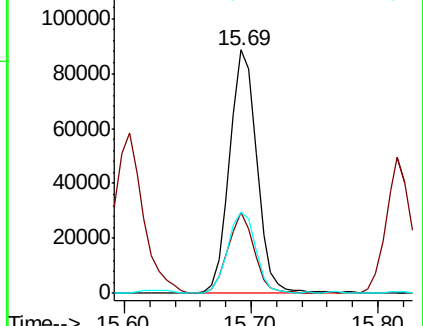
105 33.5 12.4 52.4



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: 37.487 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

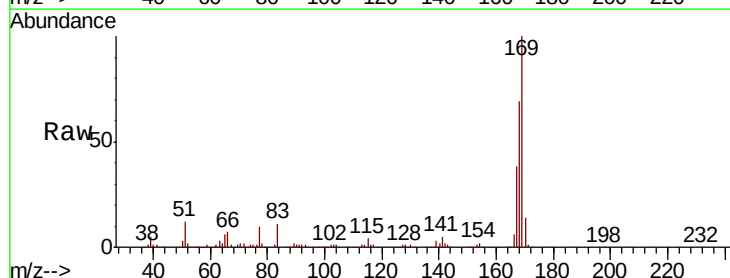
Tgt Ion:169 Resp: 582812

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 68.9  | 55.8  | 83.8  |
| 167 | 38.3  | 31.0  | 46.6  |

169 100

168 68.9 55.8 83.8

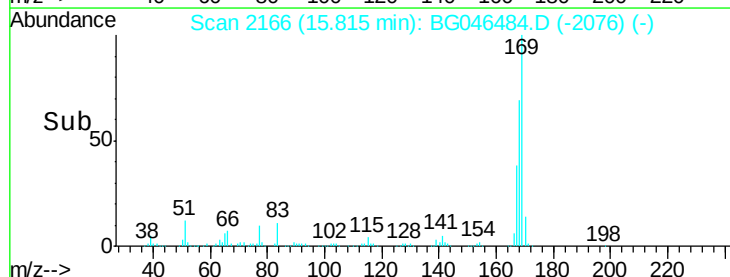
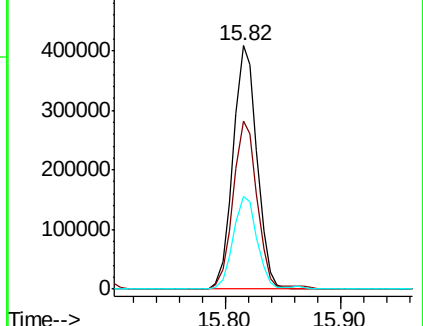
167 38.3 31.0 46.6

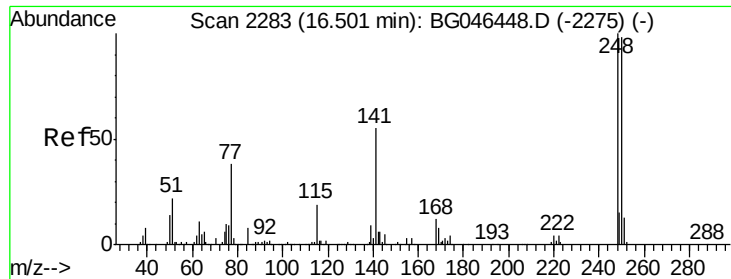


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

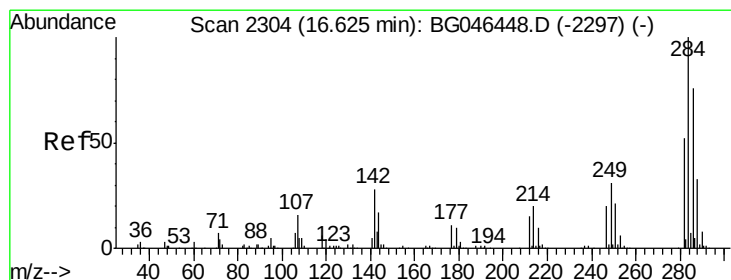
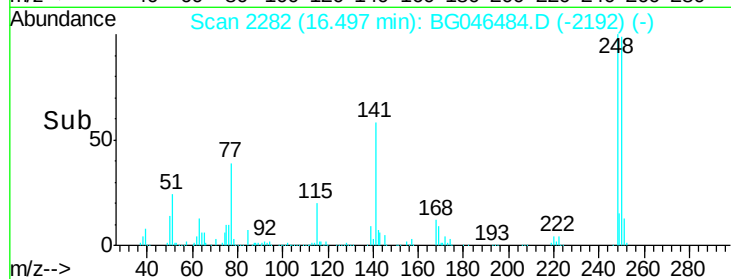
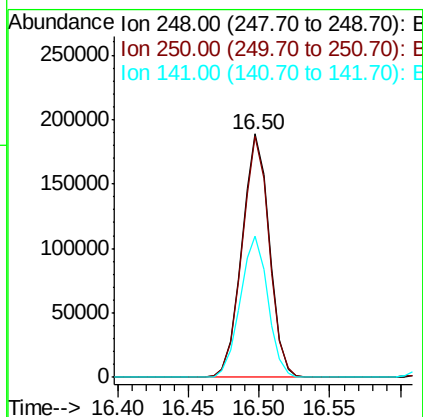
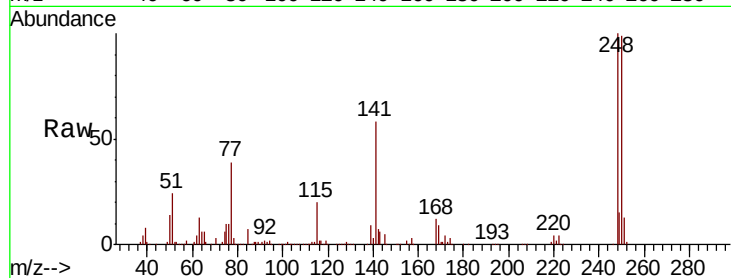




#67  
 4-Bromophenyl-phenylether  
 Concen: 38.100 ng  
 RT: 16.50 min Scan# 2282  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

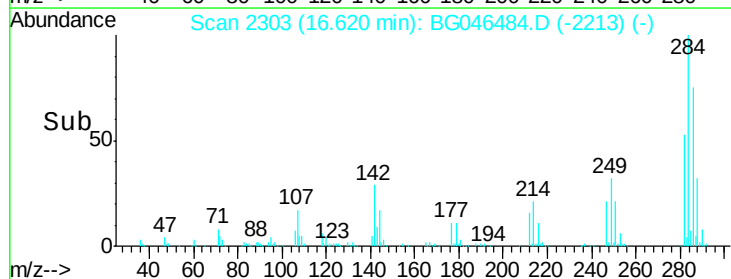
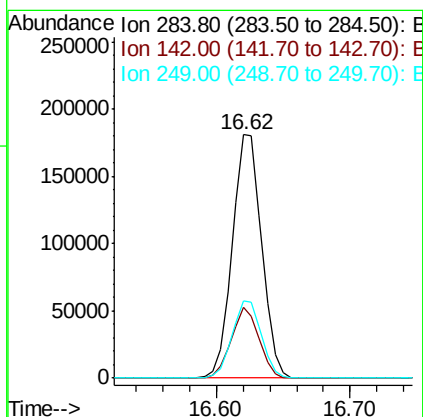
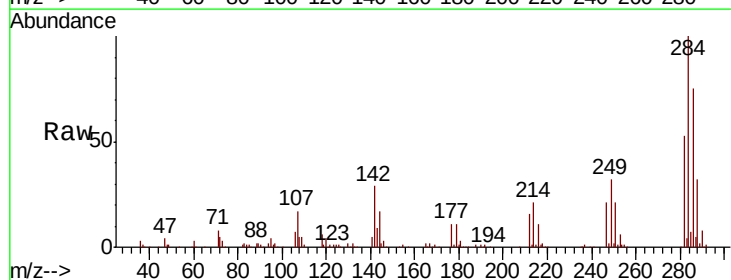
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

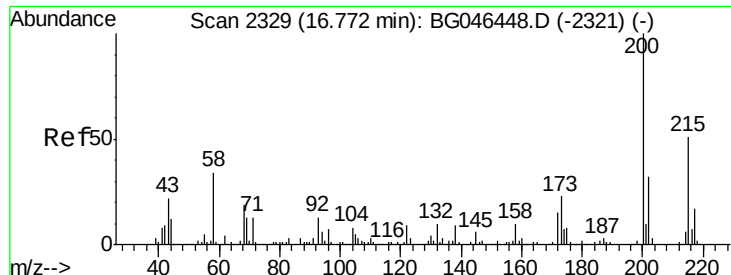
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.9  | 78.6  | 118.0 |
| 141     | 58.2  | 43.9  | 65.9  |



#68  
 Hexachlorobenzene  
 Concen: 37.086 ng  
 RT: 16.62 min Scan# 2303  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.0  | 22.3  | 33.5  |
| 249     | 31.9  | 24.8  | 37.2  |

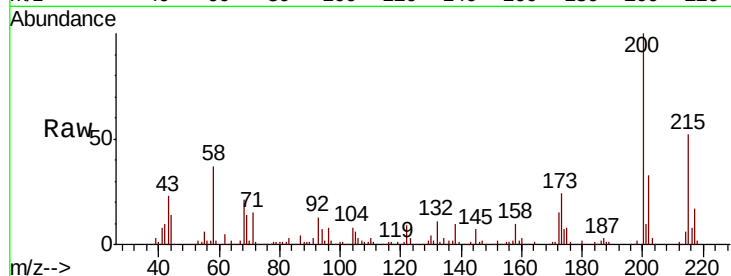




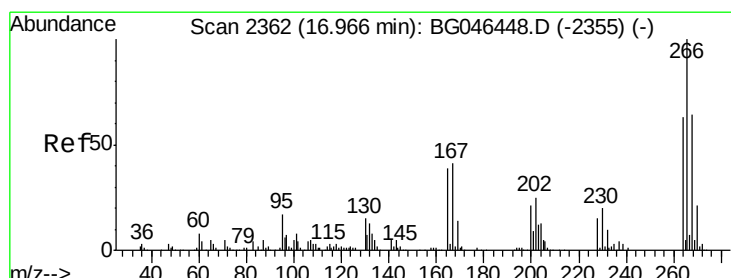
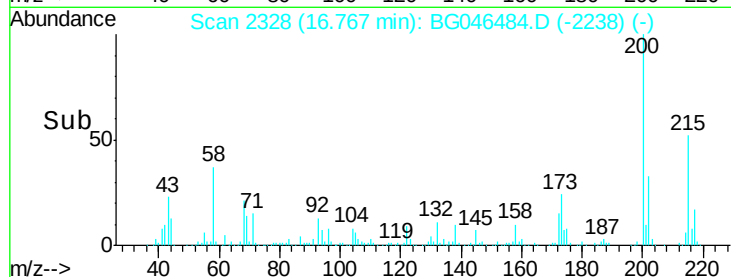
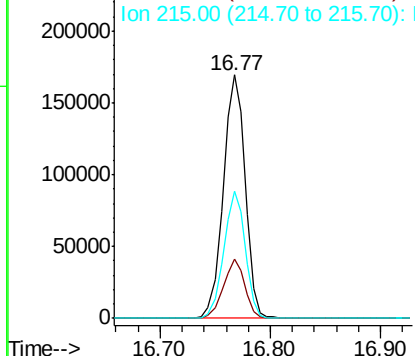
#69  
 Atrazine  
 Concen: 36.934 ng  
 RT: 16.77 min Scan# 2328  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.3  | 3.3   | 43.3  |
| 215     | 52.2  | 30.9  | 70.9  |

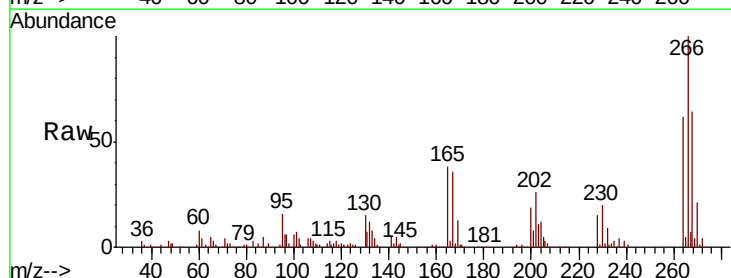


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

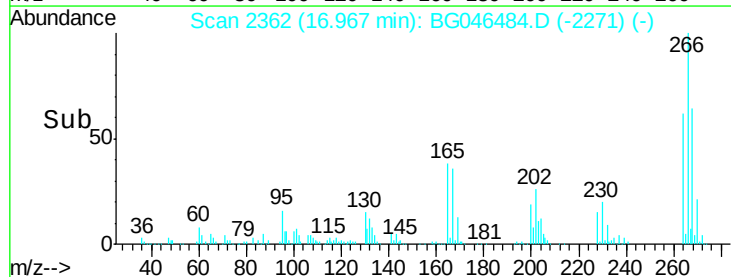
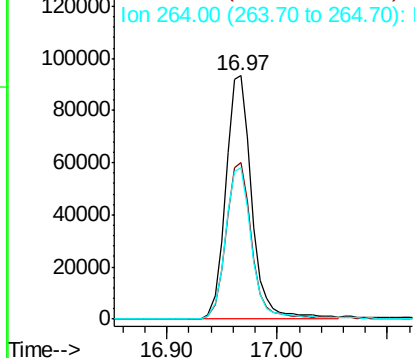


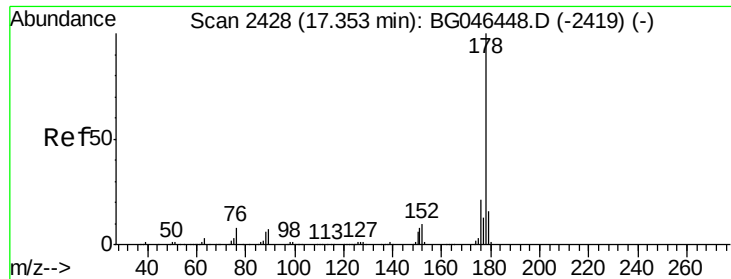
#70  
 Pentachlorophenol  
 Concen: 39.720 ng  
 RT: 16.97 min Scan# 2362  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.4  | 51.1  | 76.7  |
| 264     | 62.2  | 50.2  | 75.2  |



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

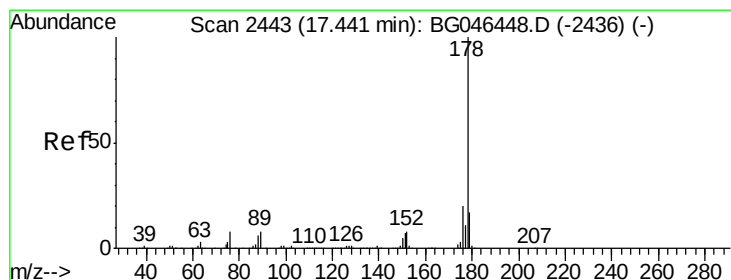
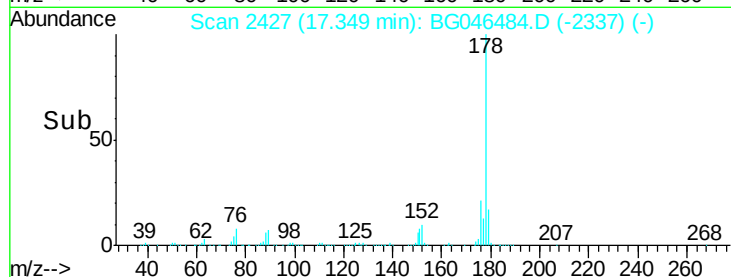
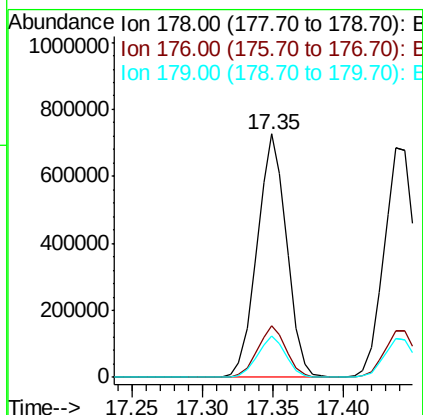
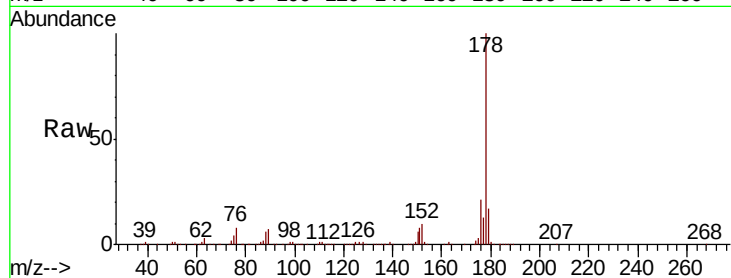




#71  
Phenanthrene  
Concen: 36.486 ng  
RT: 17.35 min Scan# 2427  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

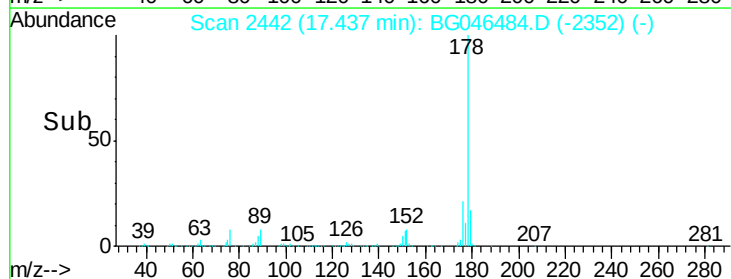
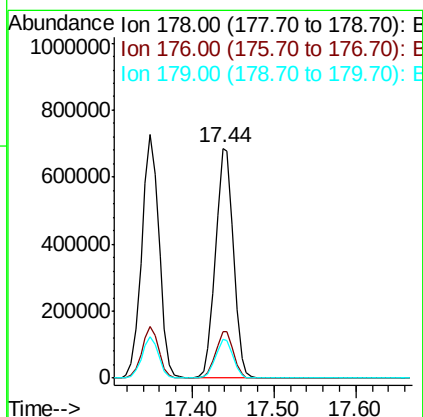
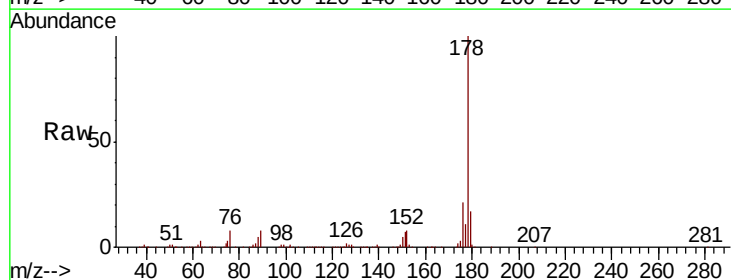
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:178 Resp: 1065778  
Ion Ratio Lower Upper  
178 100  
176 21.2 16.8 25.2  
179 16.9 13.2 19.8

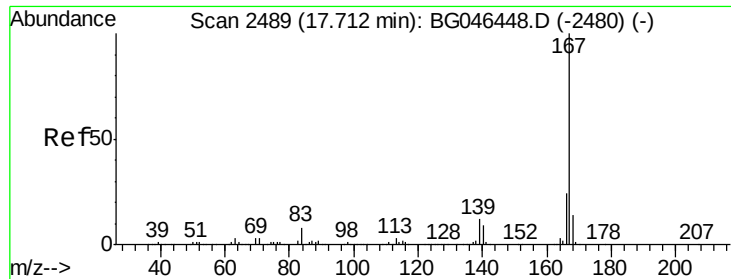


#72  
Anthracene  
Concen: 36.518 ng  
RT: 17.44 min Scan# 2442  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Tgt Ion:178 Resp: 1052462  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.1 24.1  
179 17.2 13.3 19.9



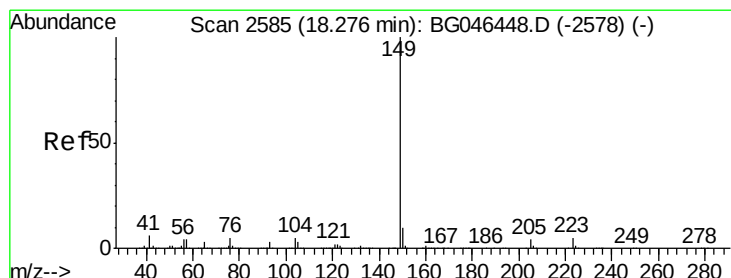
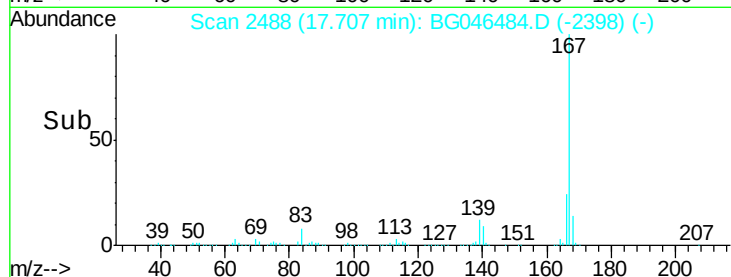
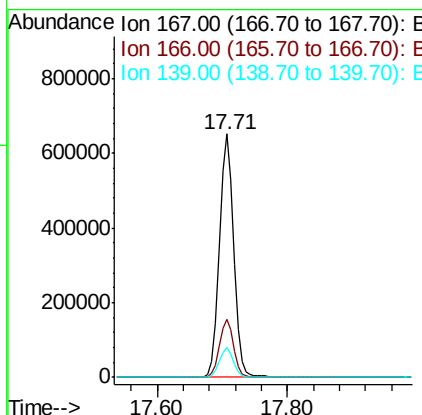
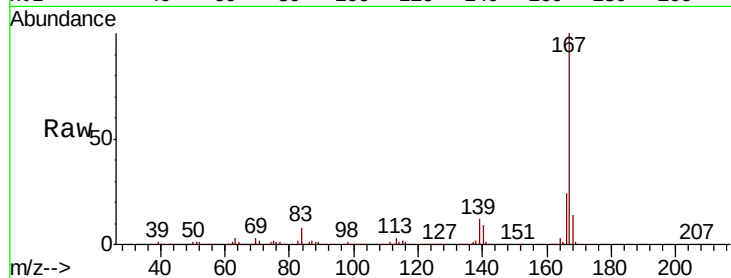




#73  
 Carbazole  
 Concen: 36.445 ng  
 RT: 17.71 min Scan# 2488  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

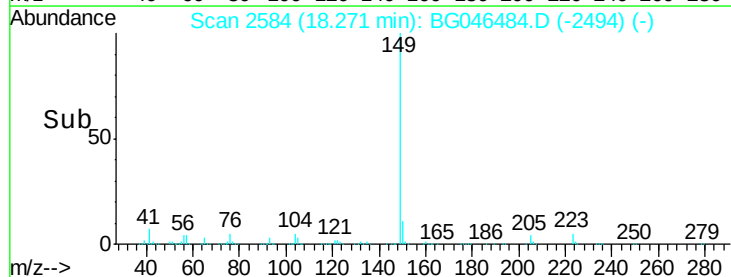
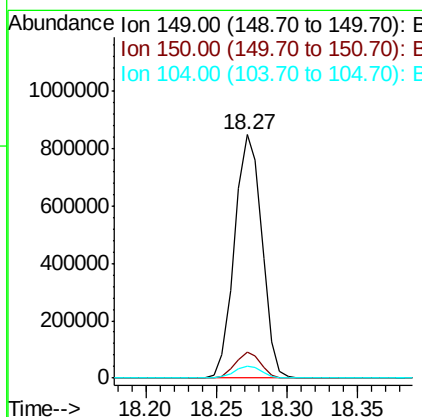
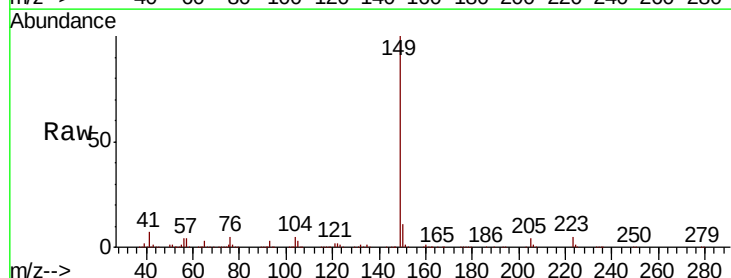
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

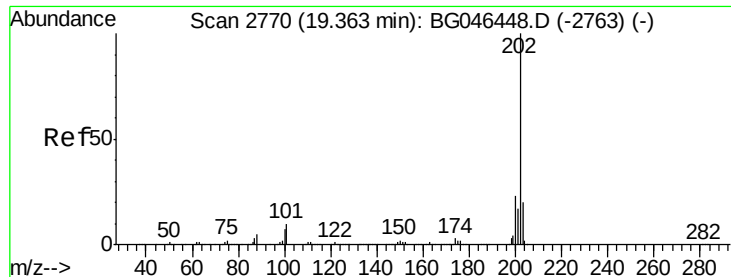
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.0  | 19.3  | 28.9  |
| 139     | 12.2  | 9.7   | 14.5  |



#74  
 Di-n-butylphthalate  
 Concen: 36.563 ng  
 RT: 18.27 min Scan# 2584  
 Delta R.T. -0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.6  | 8.1   | 12.1  |
| 104     | 5.0   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 35.443 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

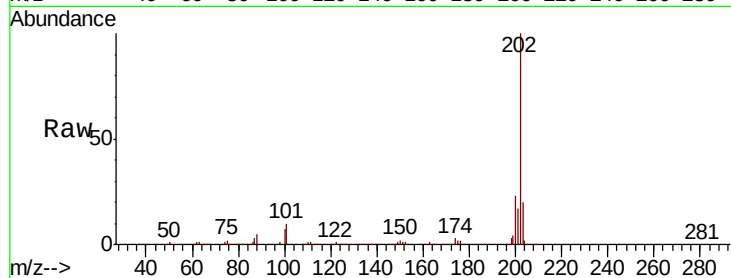
Tot Ion:202 Resp: 1332318

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.9

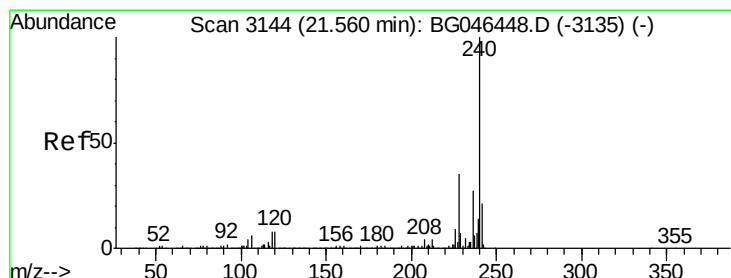
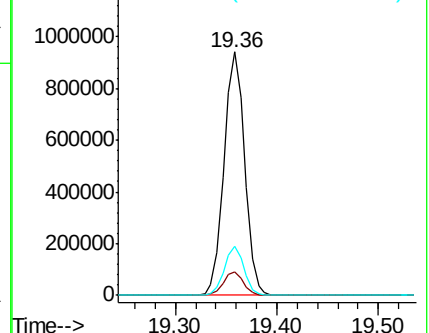
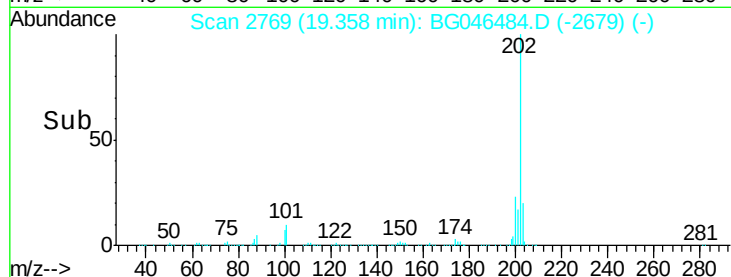
203 20.1 0.0 40.0



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: 21.56 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

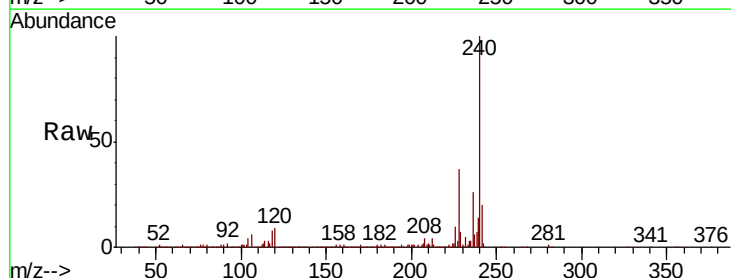
Tgt Ion:240 Resp: 565153

Ion Ratio Lower Upper

240 100

120 8.5 6.6 10.0

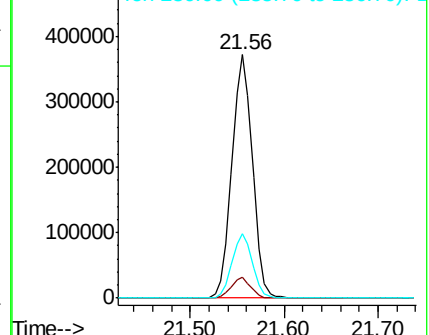
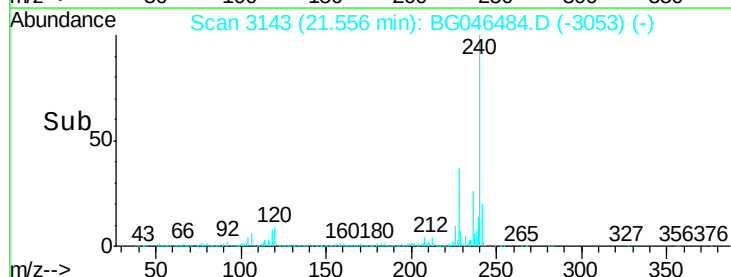
236 26.2 21.4 32.2

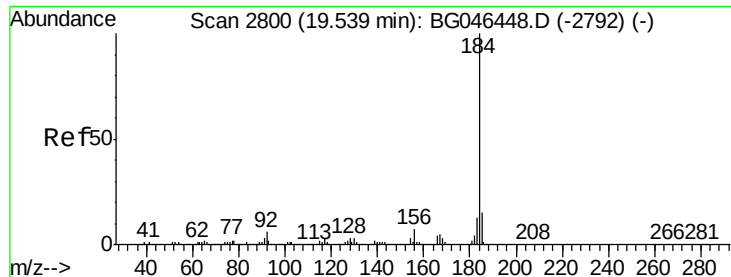


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.730 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

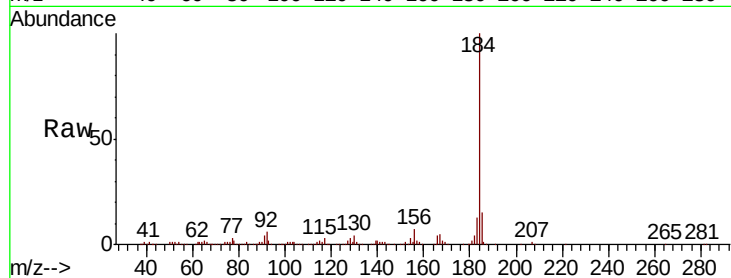
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 508613

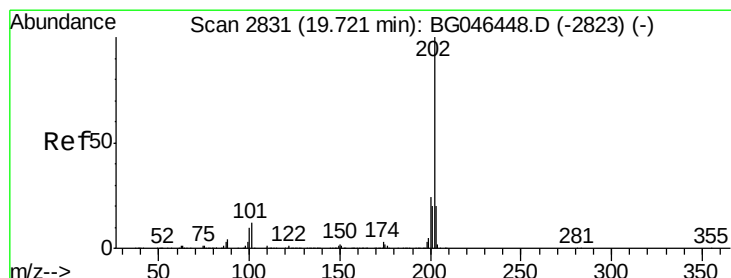
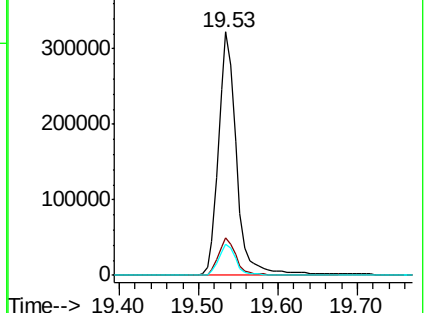
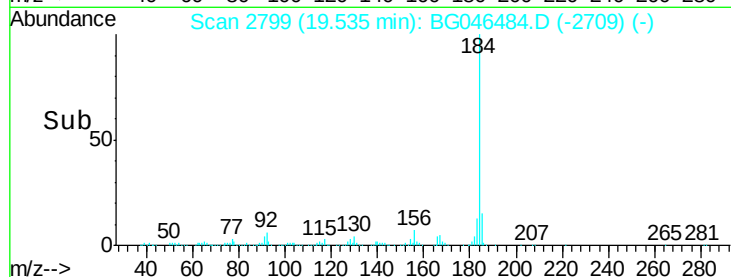
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.4  | 11.8  | 17.8  |
| 183 | 12.7  | 10.7  | 16.1  |



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: 37.299 ng

RT: 19.72 min Scan# 2830

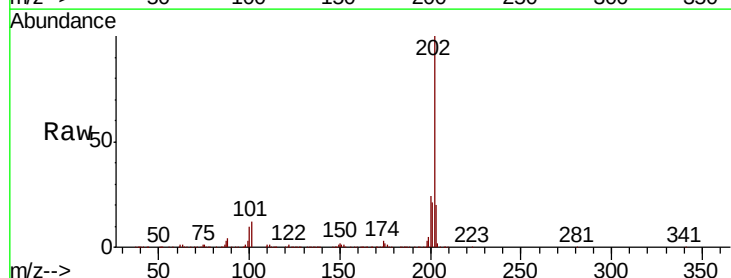
Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Tgt Ion:202 Resp: 1342325

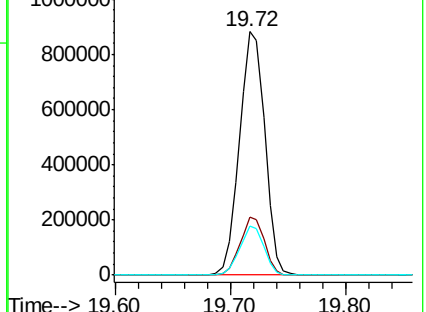
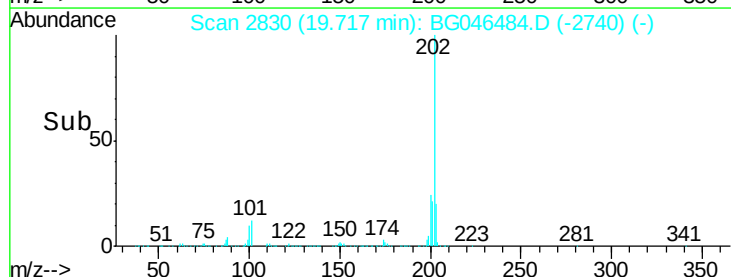
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.8  | 18.9  | 28.3  |
| 203 | 19.9  | 16.1  | 24.1  |

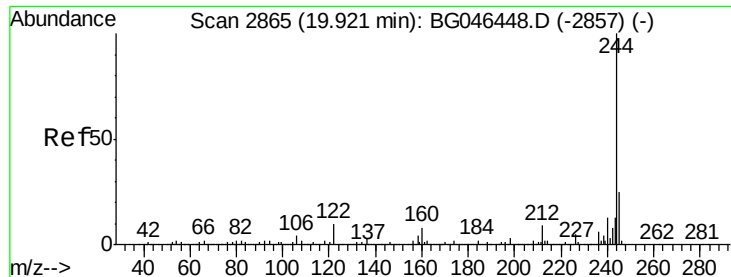


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.542 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

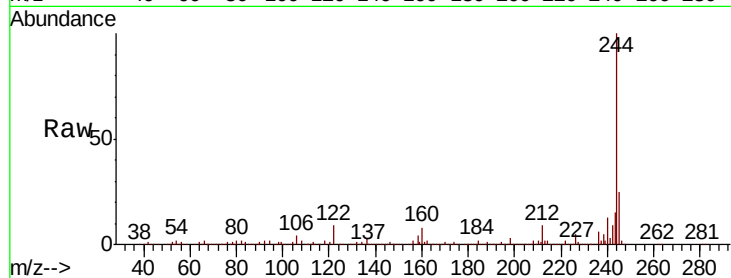
Tot Ion:244 Resp: 1899843

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.9   | 6.9   | 10.3  |
| 122 | 9.5   | 8.2   | 12.4  |

244 100

212 8.9 6.9 10.3

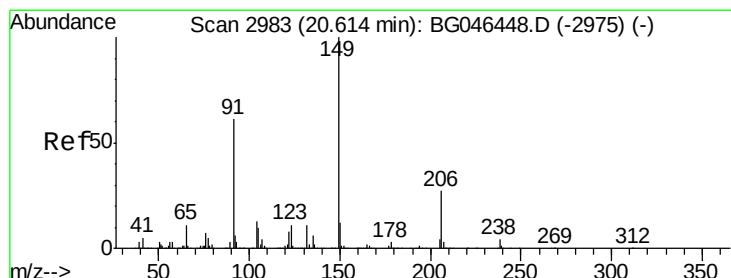
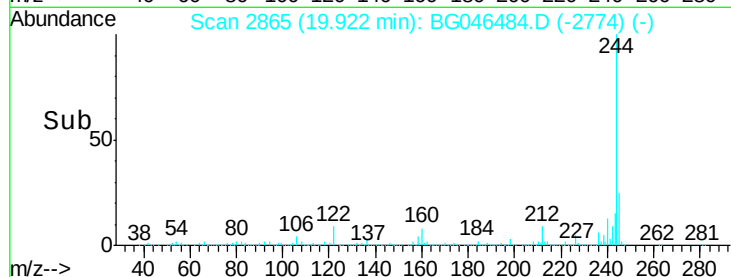
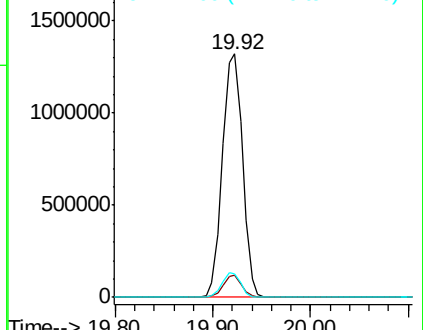
122 9.5 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.752 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

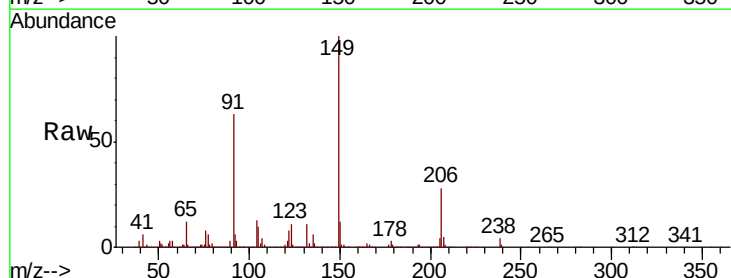
Tgt Ion:149 Resp: 529945

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 63.1  | 49.1  | 73.7  |
| 206 | 28.4  | 21.9  | 32.9  |

149 100

91 63.1 49.1 73.7

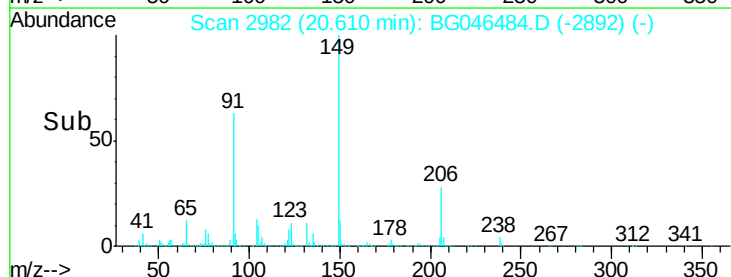
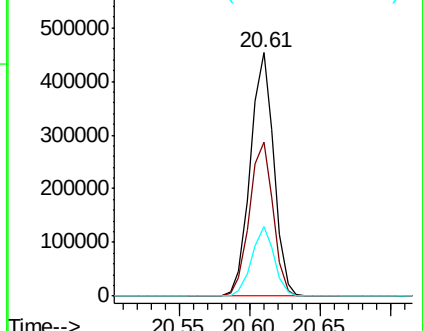
206 28.4 21.9 32.9

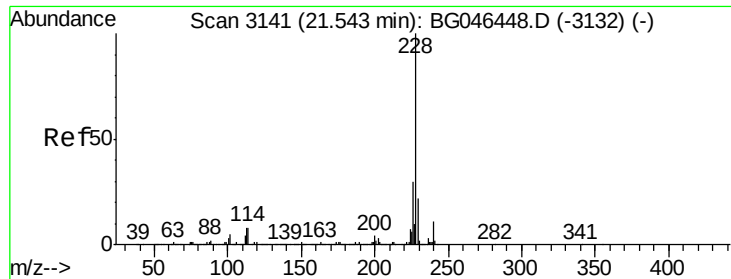


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

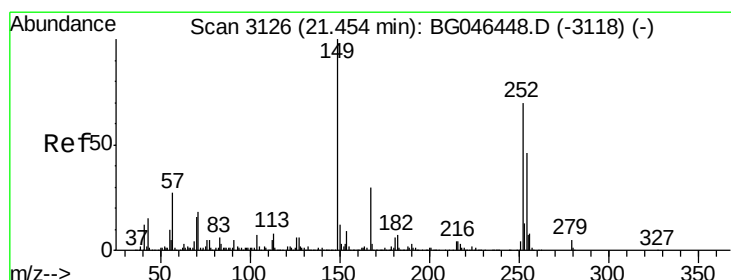
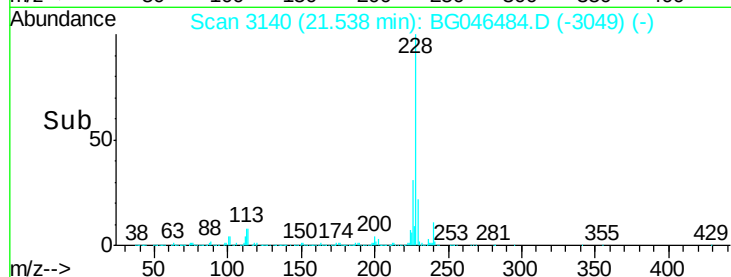
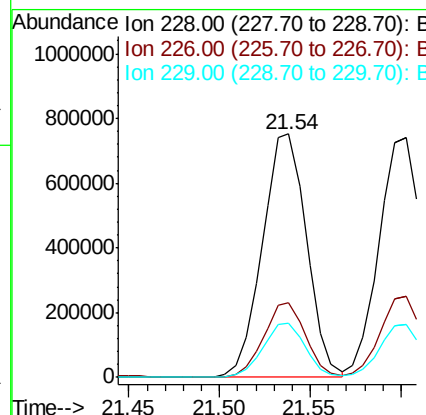
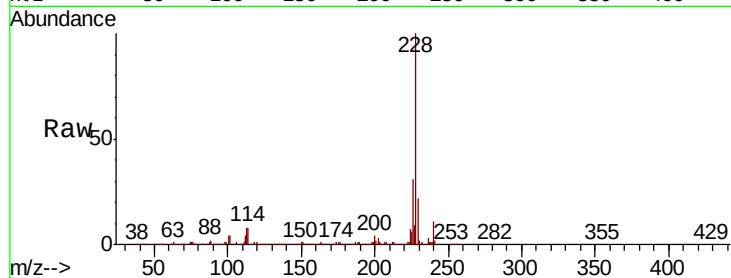




#81  
Benzo(a)anthracene  
Concen: 36.238 ng  
RT: 21.54 min Scan# 3140  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

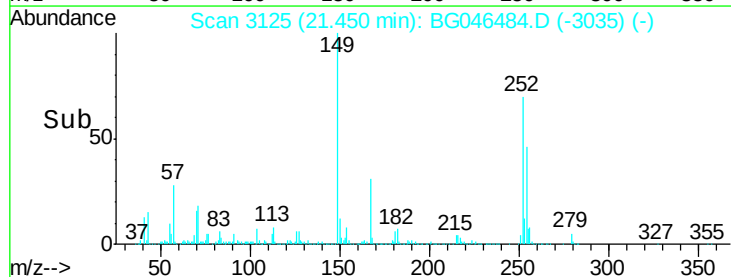
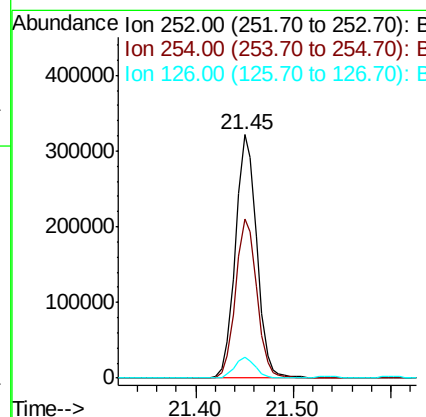
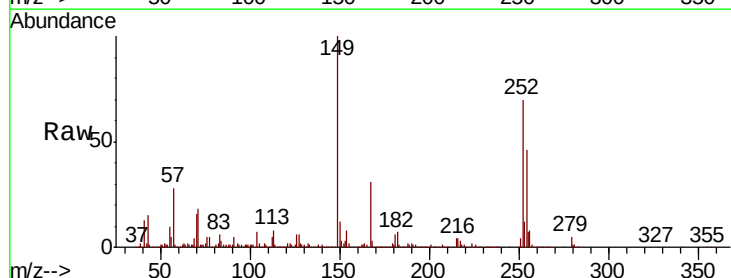
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

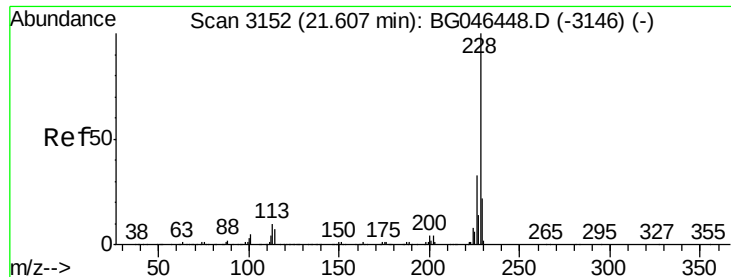
Tot Ion:228 Resp: 1276510  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.2 36.4  
229 22.1 17.4 26.2



#82  
3,3'-Dichlorobenzidine  
Concen: 37.358 ng  
RT: 21.45 min Scan# 3125  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Tgt Ion:252 Resp: 488364  
Ion Ratio Lower Upper  
252 100  
254 65.4 51.9 77.9  
126 8.5 7.4 11.0





#83

Chrysene

Concen: 36.294 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

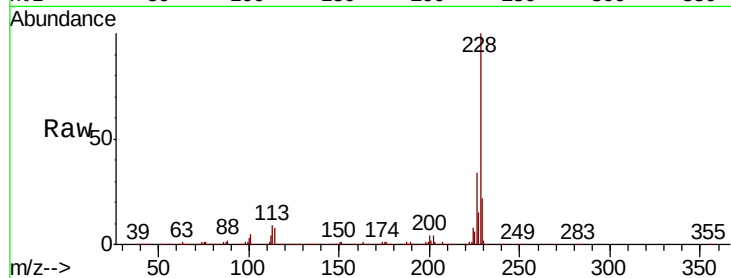
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1229796

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 33.7  | 26.2  | 39.4  |
| 229 | 22.0  | 17.9  | 26.9  |

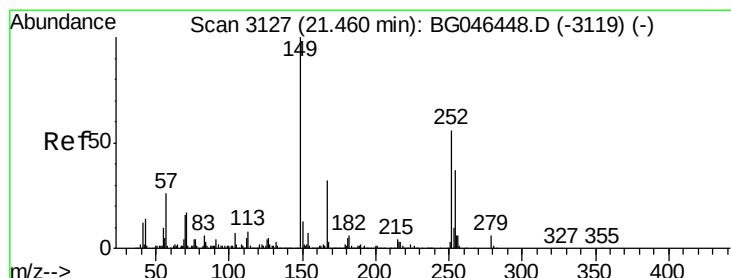
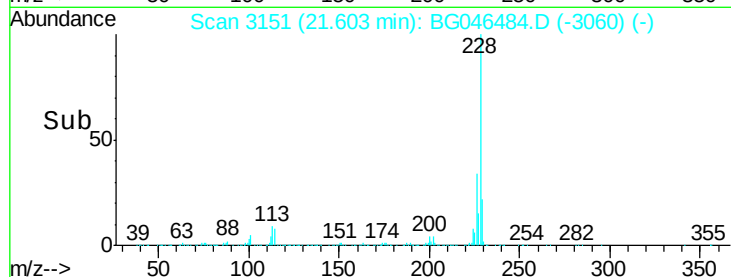
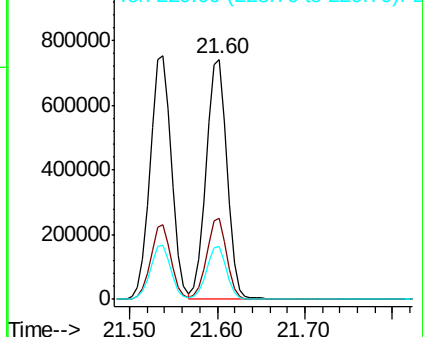


Abundance

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: 37.110 ng

RT: 21.46 min Scan# 3126

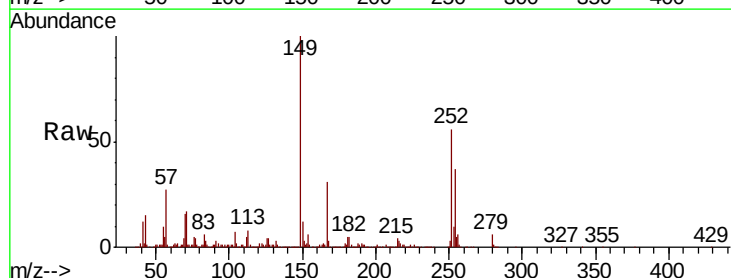
Delta R.T. -0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Tgt Ion:149 Resp: 710896

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 31.2  | 25.4  | 38.2  |
| 279 | 5.6   | 4.5   | 6.7   |

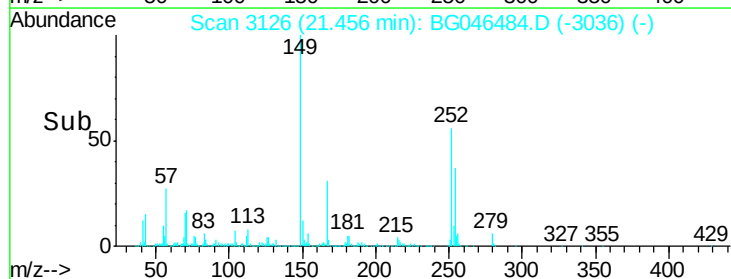
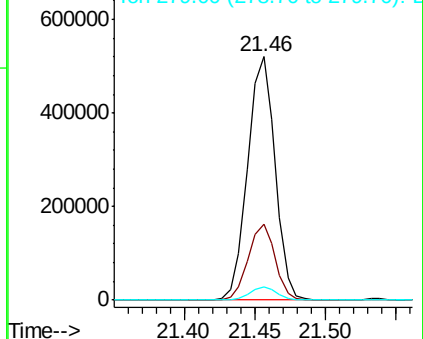


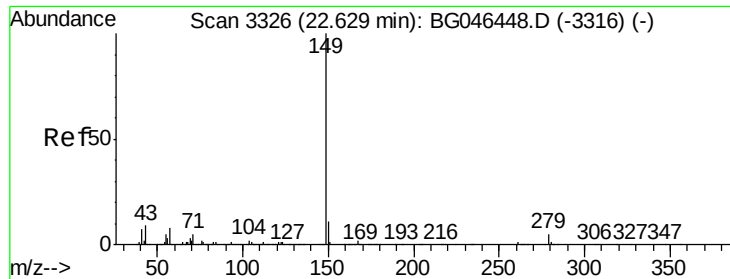
Abundance

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

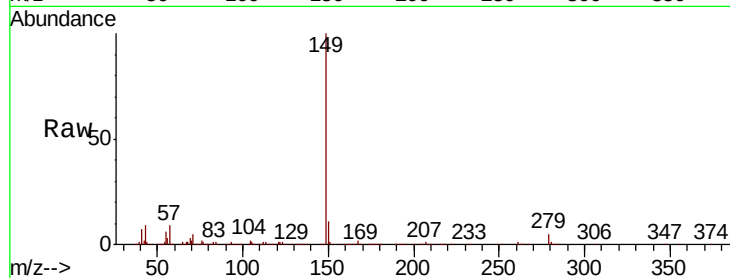




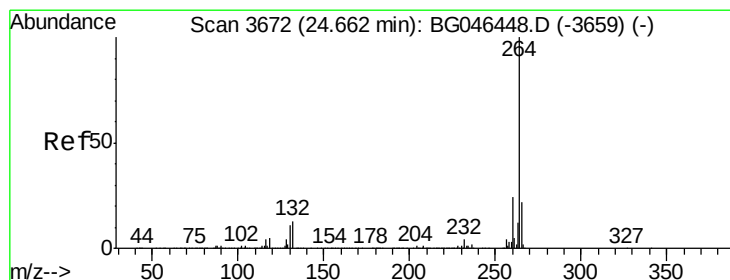
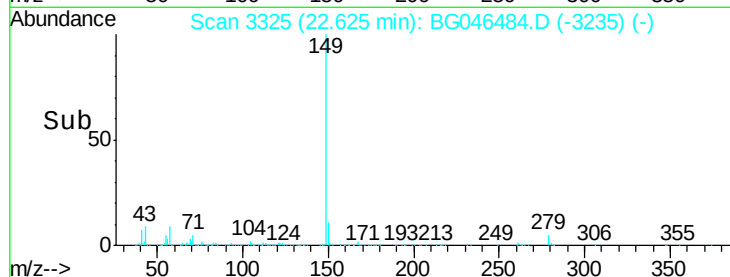
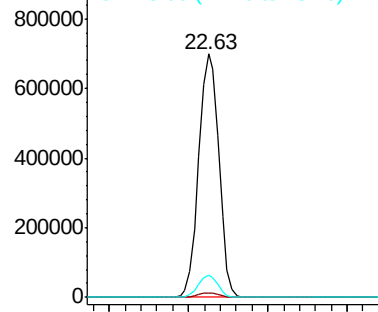
#85  
Di-n-octyl phthalate  
Concen: 37.362 ng  
RT: 22.63 min Scan# 3325  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 1225513  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.5 2.3  
43 8.7 7.0 10.4

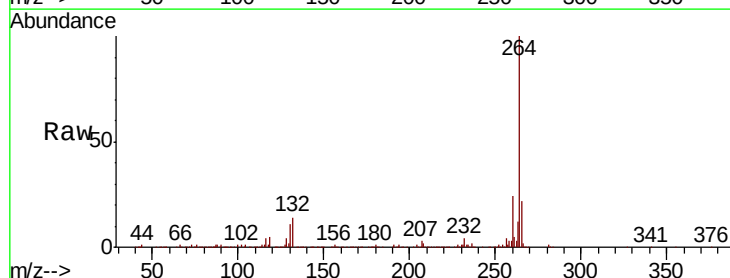


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): B

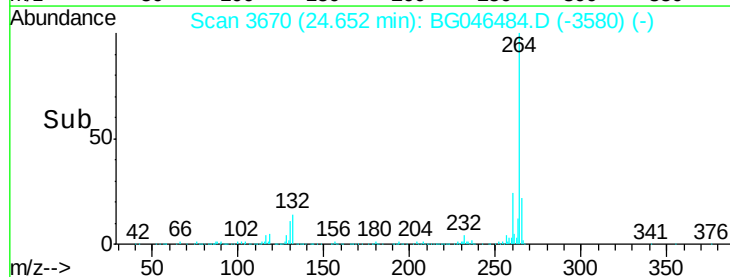
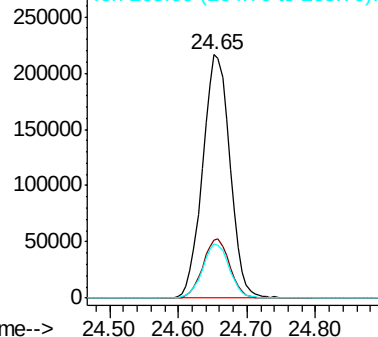


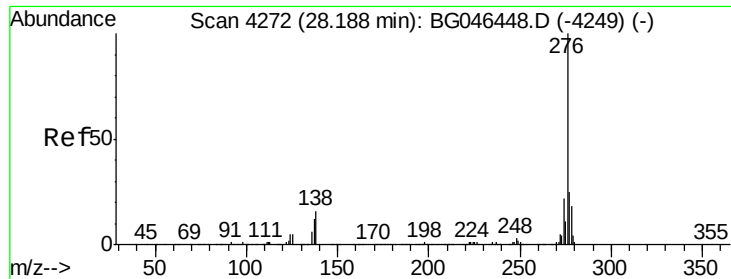
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.65 min Scan# 3670  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Tgt Ion:264 Resp: 598703  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.2 28.8  
265 22.5 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

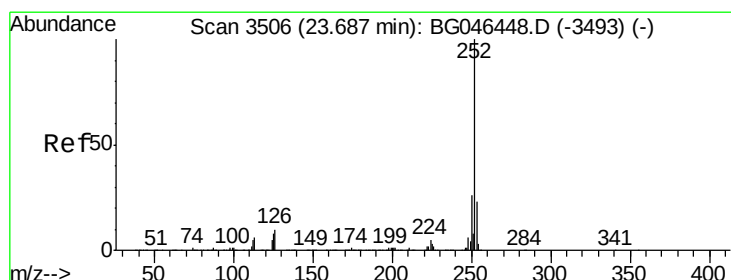
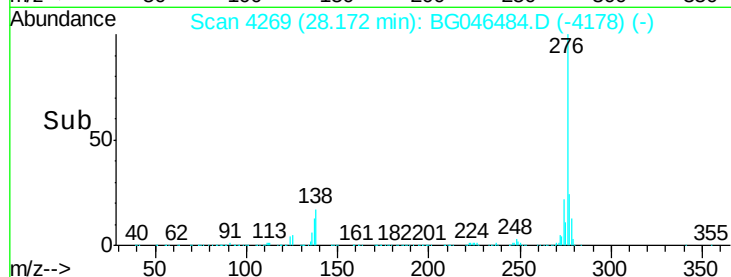
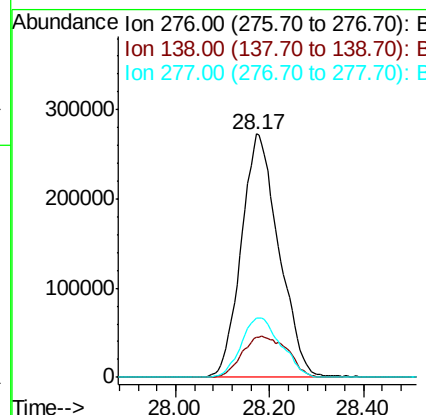
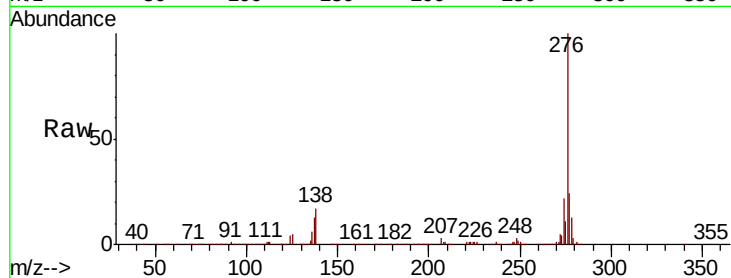




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.139 ng  
 RT: 28.17 min Scan# 4269  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

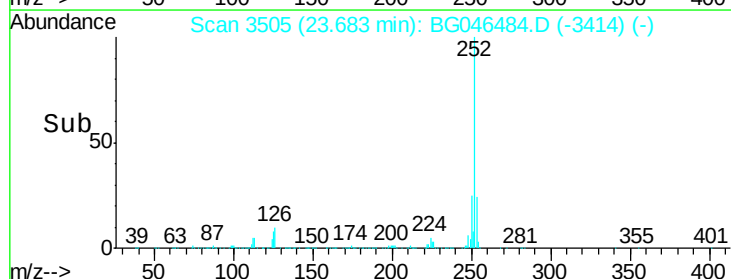
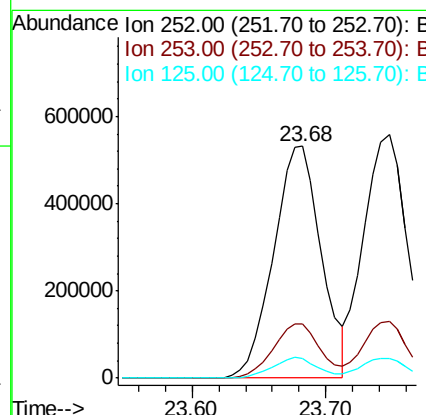
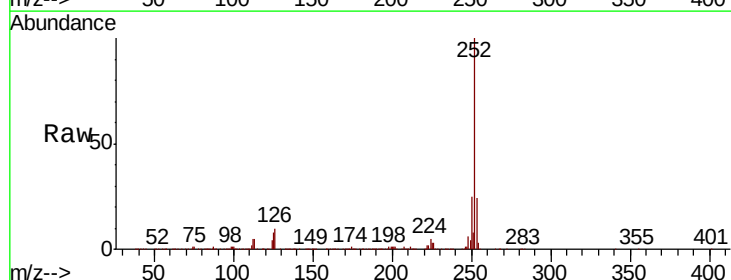
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:276 Resp: 1510990  
 Ion Ratio Lower Upper  
 276 100  
 138 20.5 16.5 24.7  
 277 26.0 20.7 31.1

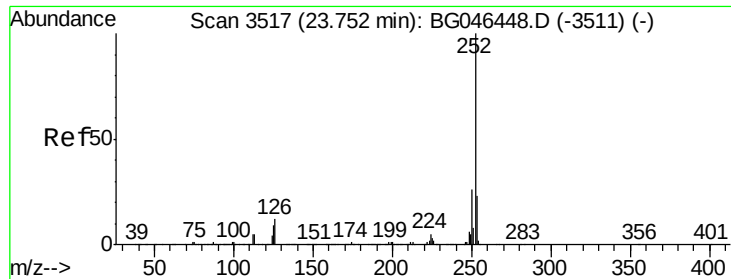


#88  
 Benzo(b)fluoranthene  
 Concen: 35.283 ng  
 RT: 23.68 min Scan# 3505  
 Delta R.T. 0.00 min  
 Lab File: BG046484.D  
 Acq: 1 Sep 2020 14:18

Tgt Ion:252 Resp: 1319010  
 Ion Ratio Lower Upper  
 252 100  
 253 23.5 18.2 27.4  
 125 8.2 6.2 9.2







#89

Benzo(k)fluoranthene

Concen: 34.820 ng

RT: 23.75 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

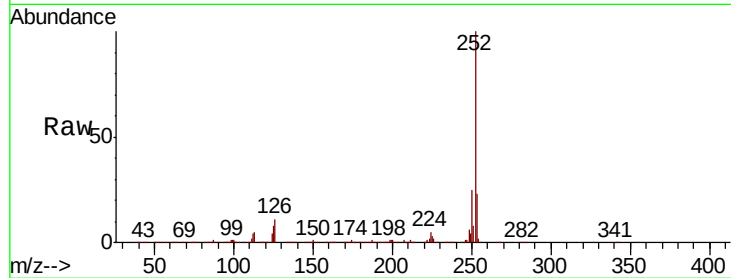
Tot Ion:252 Resp: 1258042

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

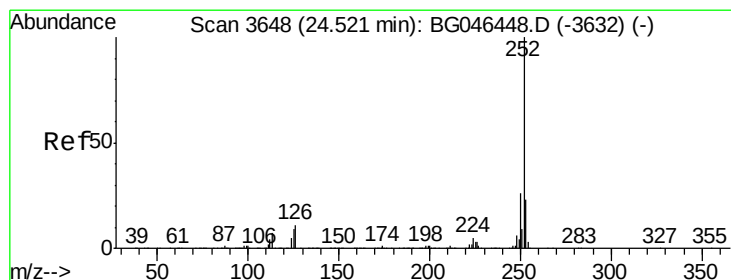
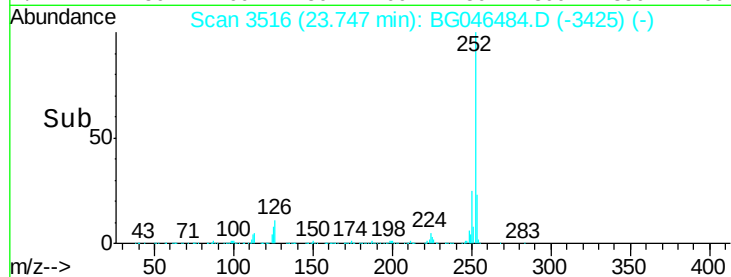
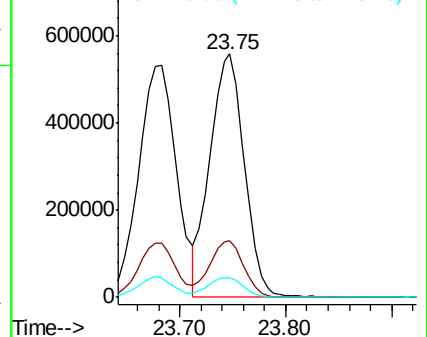
125 8.1 6.8 10.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 35.700 ng

RT: 24.52 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BG046484.D

Acq: 1 Sep 2020 14:18

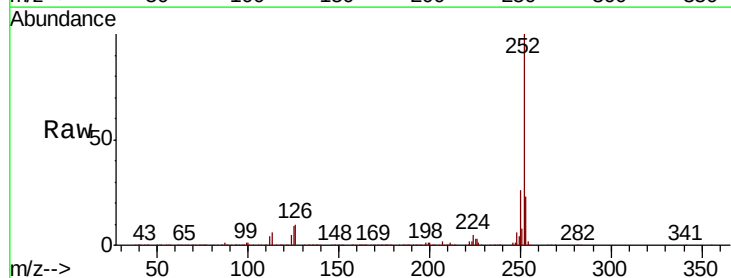
Tgt Ion:252 Resp: 1245475

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

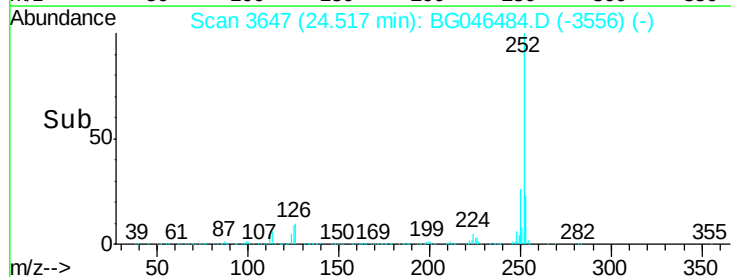
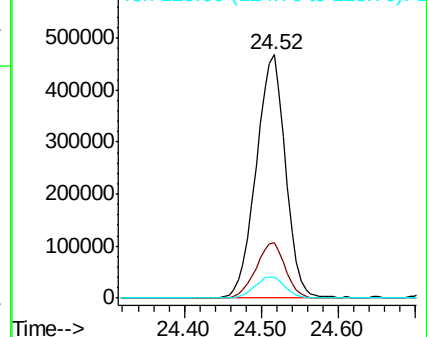
125 8.6 7.4 11.0

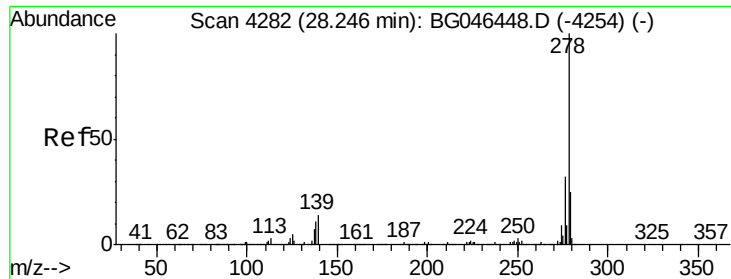


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



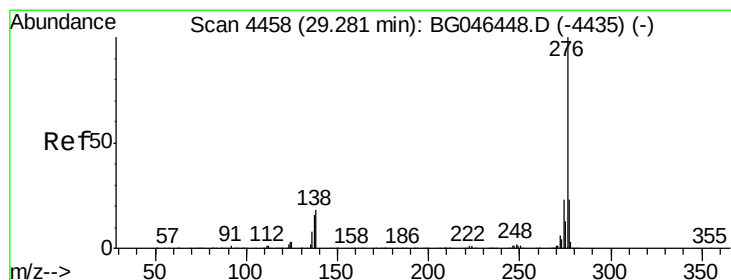
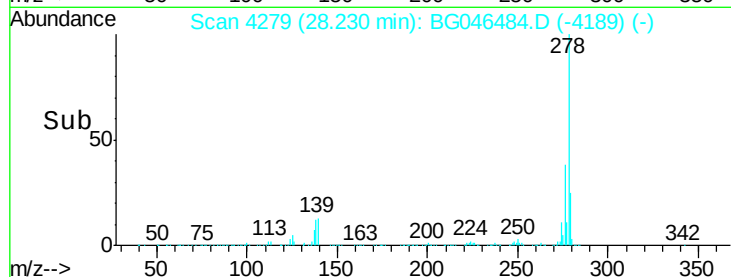
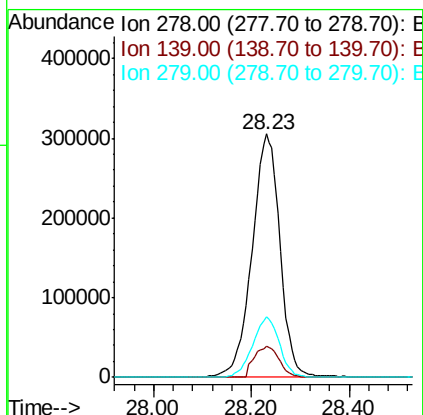
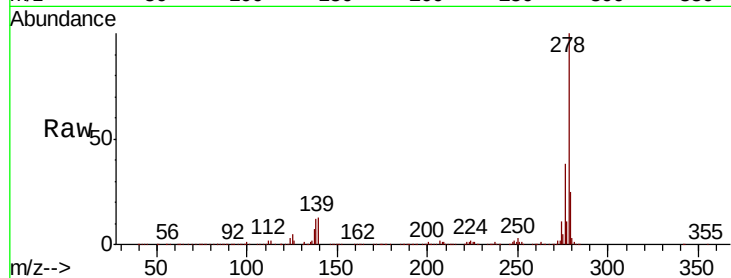


#91  
Dibenzo(a,h)anthracene  
Concen: 35.086 ng  
RT: 28.23 min Scan# 4279  
Delta R.T. -0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:278 Resp: 1217465  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.6  | 11.2  | 16.8  |
| 279 | 24.7  | 19.8  | 29.8  |



#92  
Benzo(g,h,i)perylene  
Concen: 35.227 ng  
RT: 29.27 min Scan# 4456  
Delta R.T. 0.00 min  
Lab File: BG046484.D  
Acq: 1 Sep 2020 14:18

Tgt Ion:276 Resp: 1220638  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.3  | 18.7  | 28.1  |
| 138 | 17.4  | 14.7  | 22.1  |

