

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG120515\  
 Data File : BG019942.D  
 Acq On : 5 Dec 2015 15:04  
 Operator : UM/NP  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 07 01:08:04 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG120215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 02 18:50:01 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 31392    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.93 | 136  | 140778   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.75 | 164  | 97918    | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.49 | 188  | 248593   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.76 | 240  | 305266   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 25.04 | 264  | 291430   | 20.00 | ng    | -0.05    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.66  | 112  | 147317   | 84.82 | ng    | -0.01    |
| 7) Phenol-d6                | 7.26  | 99   | 226966   | 86.55 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.28  | 82   | 232713   | 84.36 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 16.23 | 330  | 117419   | 78.37 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.37 | 172  | 561300   | 78.27 | ng    | -0.02    |
| 78) Terphenyl-d14           | 20.09 | 244  | 962530   | 76.91 | ng    | -0.02    |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88   | 29979    | 44.31 | ng    | # 100  |
| 3) Pyridine                    | 3.93  | 79   | 90880    | 44.22 | ng    | # 85   |
| 4) n-Nitrosodimethylamine      | 3.84  | 42   | 42436    | 39.26 | ng    | # 86   |
| 6) Aniline                     | 7.44  | 93   | 143564   | 42.27 | ng    | # 83   |
| 8) 2-Chlorophenol              | 7.67  | 128  | 88460    | 41.77 | ng    | # 91   |
| 9) Benzaldehyde                | 7.24  | 77   | 67630    | 38.67 | ng    | # 96   |
| 10) Phenol                     | 7.29  | 94   | 119506   | 43.30 | ng    | # 78   |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93   | 85836    | 41.99 | ng    | # 82   |
| 12) 1,3-Dichlorobenzene        | 8.00  | 146  | 99212    | 41.33 | ng    | # 94   |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146  | 100412   | 40.50 | ng    | # 94   |
| 14) 1,2-Dichlorobenzene        | 8.47  | 146  | 96272    | 40.71 | ng    | # 93   |
| 15) Benzyl Alcohol             | 8.35  | 79   | 90393    | 39.28 | ng    | # 91   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45   | 140343   | 42.10 | ng    | # 91   |
| 17) 2-Methylphenol             | 8.55  | 107  | 81700    | 41.93 | ng    | # 90   |
| 18) Hexachloroethane           | 9.21  | 117  | 37768    | 40.68 | ng    | # 92   |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70   | 80368    | 38.86 | ng    | # 91   |
| 20) 3+4-Methylphenols          | 8.88  | 107  | 114054   | 41.57 | ng    | # 96   |
| 22) Acetophenone               | 8.94  | 105  | 155839   | 40.38 | ng    | # 91   |
| 24) Nitrobenzene               | 9.32  | 77   | 128753   | 43.03 | ng    | # 91   |
| 25) Isophorone                 | 9.85  | 82   | 232728   | 39.35 | ng    | # 97   |
| 26) 2-Nitrophenol              | 10.04 | 139  | 53280    | 46.11 | ng    | # 77   |
| 27) 2,4-Dimethylphenol         | 10.09 | 122  | 97279    | 40.42 | ng    | # 92   |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93   | 119476   | 41.34 | ng    | # 97   |
| 29) 2,4-Dichlorophenol         | 10.58 | 162  | 103030   | 41.91 | ng    | # 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180  | 109192   | 39.30 | ng    | # 96   |
| 31) Naphthalene                | 10.99 | 128  | 304183   | 40.33 | ng    | # 99   |
| 32) Benzoic acid               | 10.22 | 122  | 81292    | 49.86 | ng    | # 92   |
| 33) 4-Chloroaniline            | 11.09 | 127  | 133833   | 40.27 | ng    | # 91   |
| 34) Hexachlorobutadiene        | 11.27 | 225  | 78003    | 38.06 | ng    | # 98   |
| 35) Caprolactam                | 11.87 | 113  | 35629    | 38.93 | ng    | # 80   |
| 36) 4-Chloro-3-methylphenol    | 12.19 | 107  | 123395   | 40.30 | ng    | # 92   |
| 37) 2-Methylnaphthalene        | 12.58 | 142  | 217241   | 39.31 | ng    | # 93   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216  | 148534   | 39.97 | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.93 | 237  | 80350    | 37.92 | ng    | # 98   |

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 Data File : BG019942.D  
 Acq On : 5 Dec 2015 15:04  
 Operator : UM/NP  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 07 01:08:04 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG120215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 02 18:50:01 2015  
 Response via : Initial Calibration

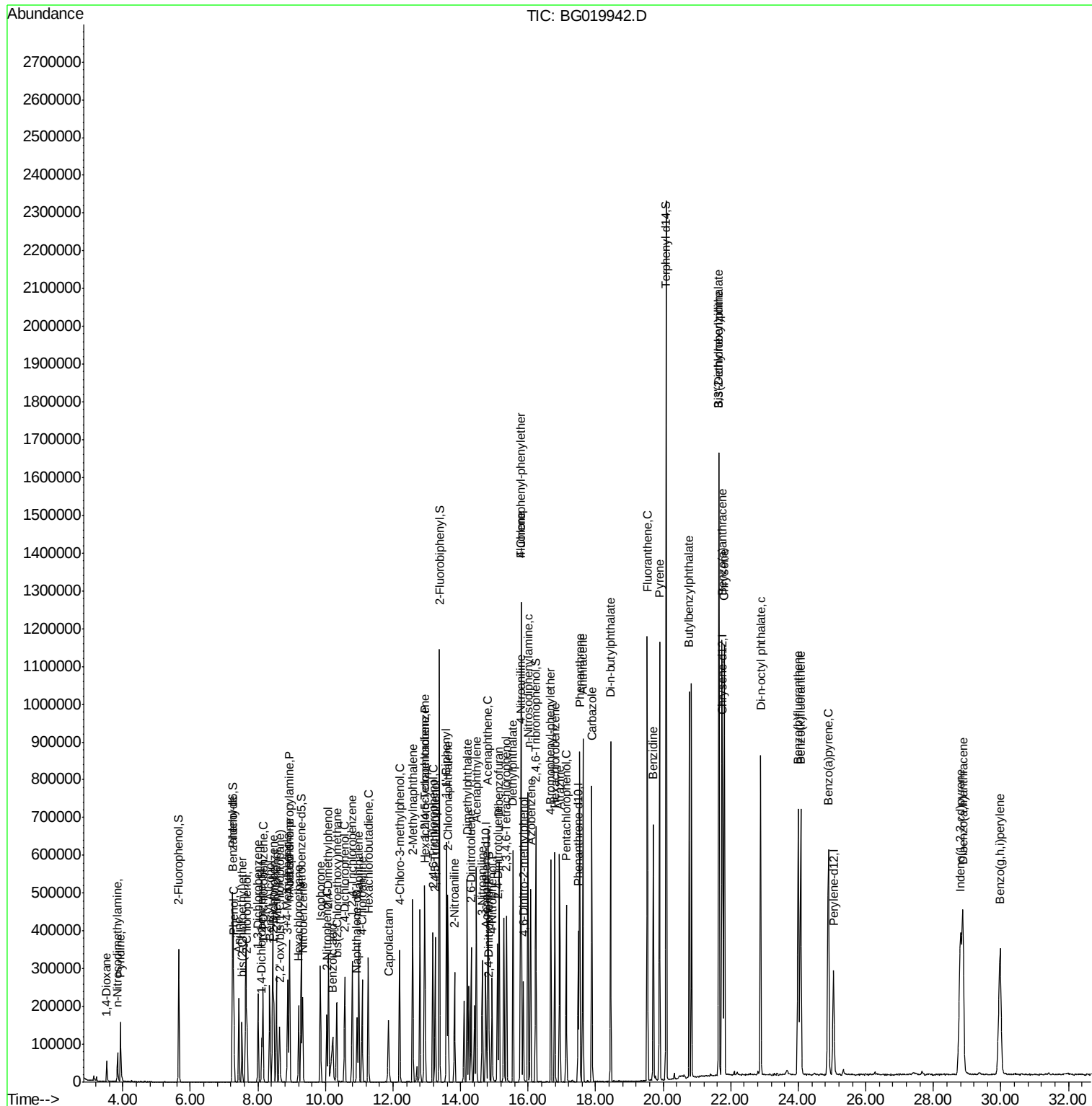
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.18 | 196  | 99496    | 40.44 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.25 | 196  | 104929   | 40.36 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 13.58 | 154  | 321536   | 40.01 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.63 | 162  | 248042   | 40.04 | ng    | 95       |
| 47) 2-Nitroaniline             | 13.82 | 65   | 87756    | 44.86 | ng    | 87       |
| 48) Acenaphthylene             | 14.47 | 152  | 416948   | 39.52 | ng    | 100      |
| 49) Dimethylphthalate          | 14.19 | 163  | 338141   | 38.39 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.31 | 165  | 71869    | 43.40 | ng    | # 78     |
| 51) Acenaphthene               | 14.81 | 154  | 261455   | 40.84 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.64 | 138  | 76422    | 44.42 | ng    | 93       |
| 53) 2,4-Dinitrophenol          | 14.84 | 184  | 34857    | 44.24 | ng    | # 79     |
| 54) Dibenzofuran               | 15.14 | 168  | 374264   | 39.30 | ng    | 92       |
| 55) 4-Nitrophenol              | 14.94 | 139  | 63774    | 42.56 | ng    | # 64     |
| 56) 2,4-Dinitrotoluene         | 15.09 | 165  | 105219   | 45.54 | ng    | # 90     |
| 57) Fluorene                   | 15.79 | 166  | 326793   | 38.34 | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 95440    | 39.66 | ng    | 98       |
| 59) Diethylphthalate           | 15.55 | 149  | 355446   | 37.29 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.78 | 204  | 185101   | 37.82 | ng    | 98       |
| 61) 4-Nitroaniline             | 15.80 | 138  | 82099    | 42.43 | ng    | # 72     |
| 62) Azobenzene                 | 16.08 | 77   | 306155   | 38.60 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 61997    | 44.85 | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 15.99 | 169  | 290204   | 40.34 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.67 | 248  | 123061   | 39.84 | ng    | 95       |
| 67) Hexachlorobenzene          | 16.79 | 284  | 126306   | 39.25 | ng    | 96       |
| 68) Atrazine                   | 16.94 | 200  | 122245   | 39.11 | ng    | 97       |
| 69) Pentachlorophenol          | 17.13 | 266  | 84640    | 45.07 | ng    | 94       |
| 70) Phenanthrene               | 17.53 | 178  | 560497   | 39.85 | ng    | 96       |
| 71) Anthracene                 | 17.62 | 178  | 571103   | 39.86 | ng    | 97       |
| 72) Carbazole                  | 17.88 | 167  | 502279   | 39.80 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.44 | 149  | 617572   | 39.92 | ng    | 99       |
| 74) Fluoranthene               | 19.53 | 202  | 714411   | 39.71 | ng    | 95       |
| 76) Benzidine                  | 19.71 | 184  | 375932   | 37.49 | ng    | 98       |
| 77) Pyrene                     | 19.89 | 202  | 729951   | 40.64 | ng    | 96       |
| 79) Butylbenzylphthalate       | 20.78 | 149  | 294368   | 41.82 | ng    | 98       |
| 80) Benzo(a)anthracene         | 21.74 | 228  | 736993   | 39.44 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 273255   | 38.40 | ng    | 97       |
| 82) Chrysene                   | 21.81 | 228  | 706002   | 39.79 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.65 | 149  | 422232   | 40.87 | ng    | 96       |
| 84) Di-n-octyl phthalate       | 22.88 | 149  | 721259   | 42.94 | ng    | # 94     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.80 | 276  | 853079   | 43.65 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.00 | 252  | 735443   | 39.82 | ng    | # 94     |
| 88) Benzo(k)fluoranthene       | 24.07 | 252  | 699267   | 38.23 | ng    | # 95     |
| 89) Benzo(a)pyrene             | 24.89 | 252  | 692345   | 39.48 | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 28.87 | 278  | 689552   | 39.80 | ng    | # 94     |
| 91) Benzo(g,h,i)perylene       | 29.98 | 276  | 696417   | 40.94 | ng    | # 92     |

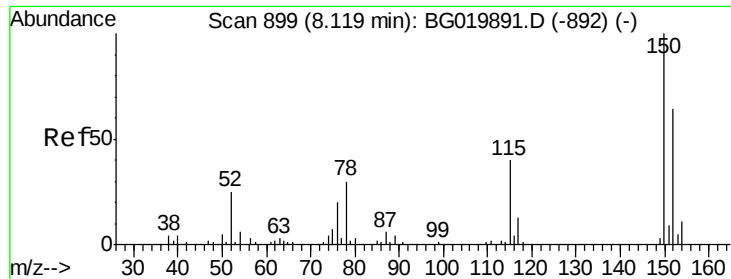
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\  
Data File : BG019942.D  
Acq On    : 5 Dec 2015 15:04  
Operator  : UM/NP  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDCCC040

Quant Time: Dec 07 01:08:04 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG120215.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 02 18:50:01 2015  
Response via : Initial Calibration

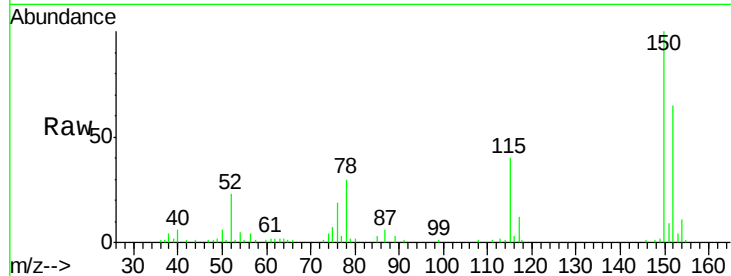




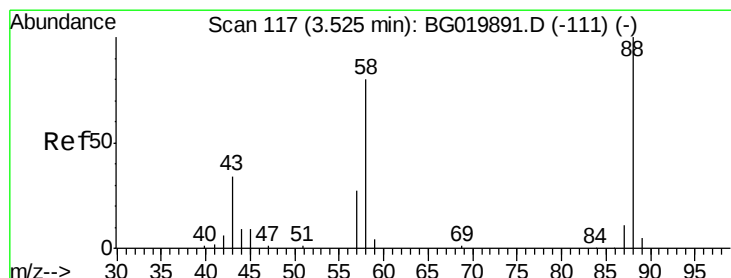
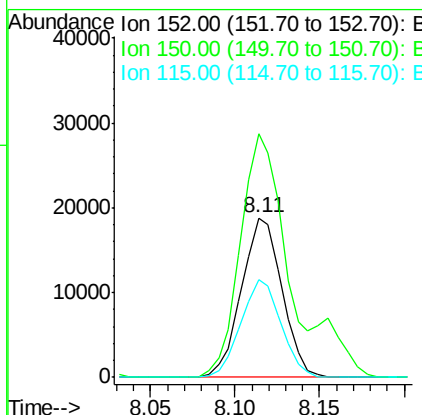
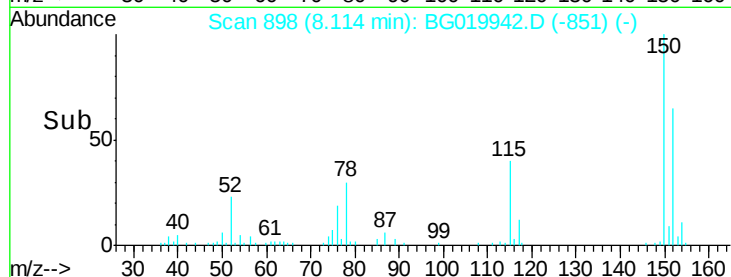
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 8.11 min Scan# 898  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:152 Resp: 31392  
 Ion Ratio Lower Upper  
 152 100  
 150 152.9 115.0 172.4  
 115 61.5 43.9 65.9

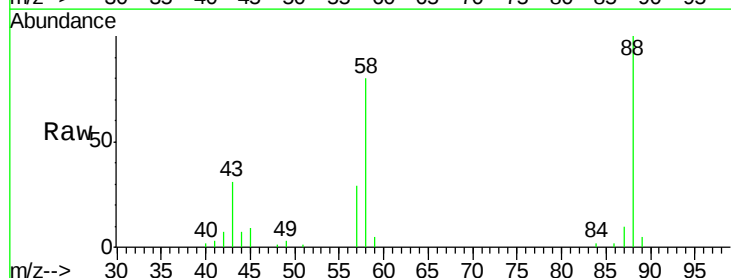


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

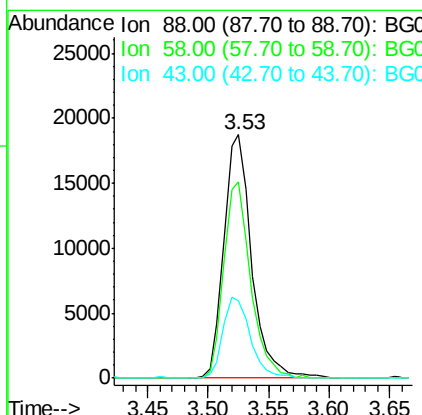
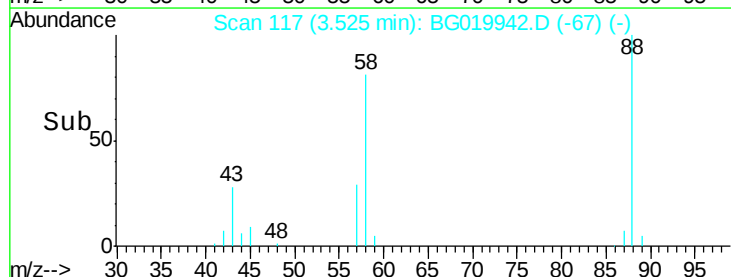


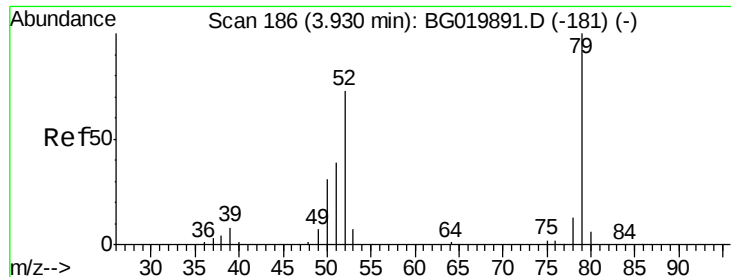
#2  
 1,4-Dioxane  
 Concen: 44.31 ng  
 RT: 3.53 min Scan# 117  
 Delta R.T. -0.01 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion: 88 Resp: 29979  
 Ion Ratio Lower Upper  
 88 100  
 58 77.6 0.0 0.0#  
 43 32.7 0.0 0.0#



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

Pyridine

Concen: 44.22 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

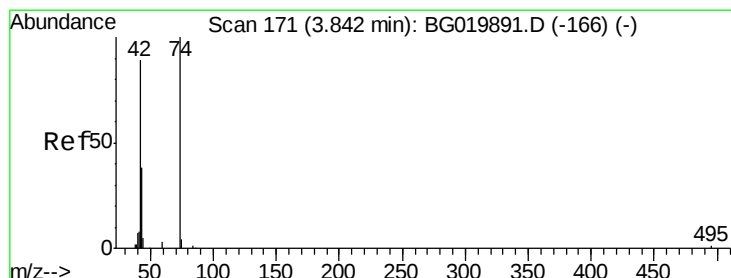
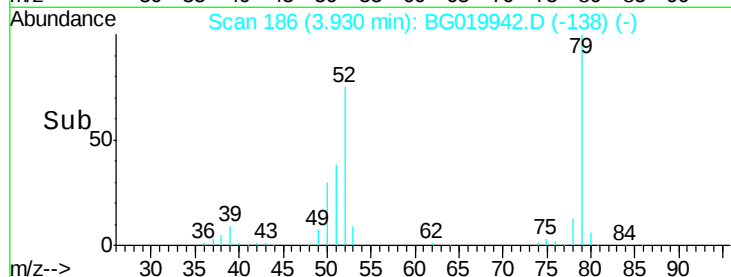
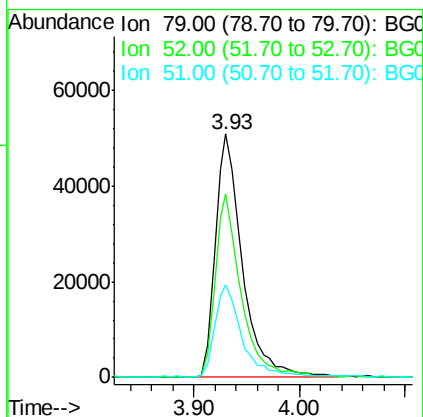
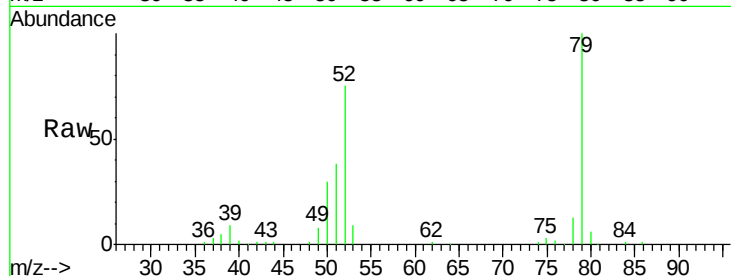
Tgt Ion: 79 Resp: 90880

Ion Ratio Lower Upper

79 100

52 75.1 50.3 75.5

51 37.8 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 39.26 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

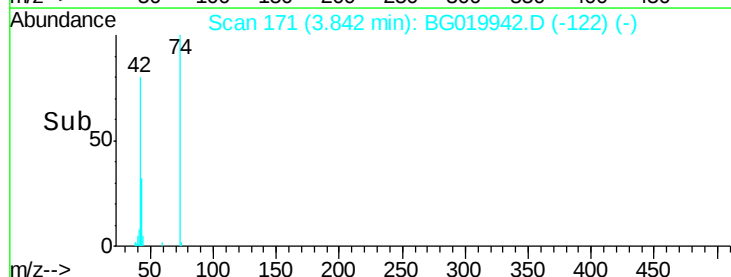
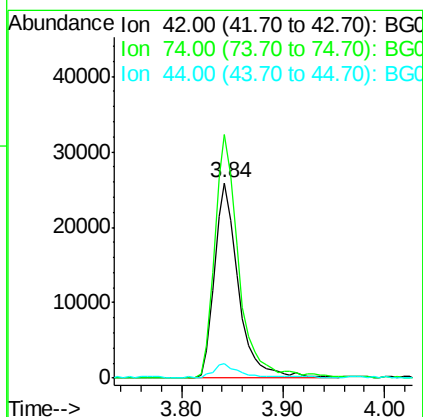
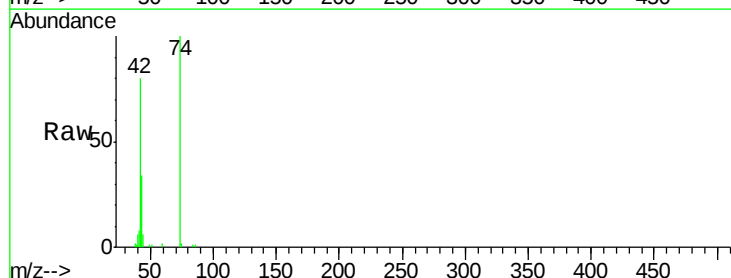
Tgt Ion: 42 Resp: 42436

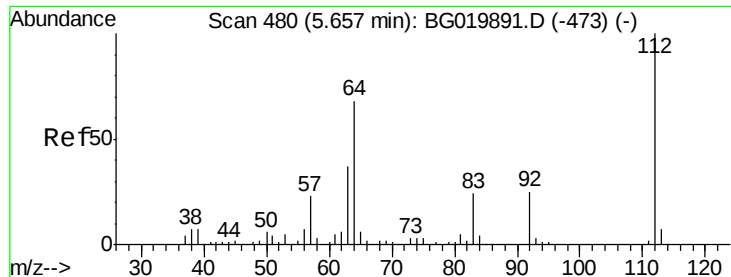
Ion Ratio Lower Upper

42 100

74 124.8 113.9 170.9

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 84.82 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

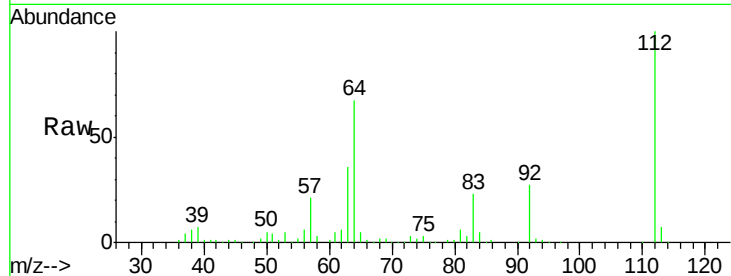
Tgt Ion: 112 Resp: 147317

Ion Ratio Lower Upper

112 100

64 66.6 43.7 65.5#

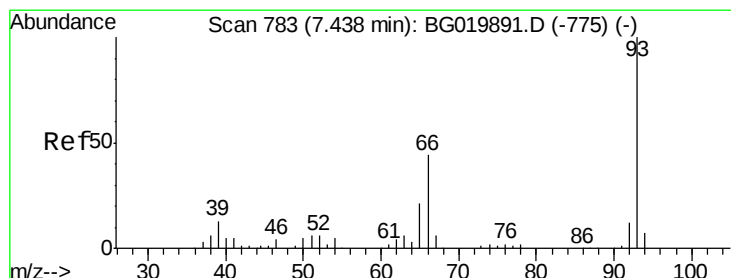
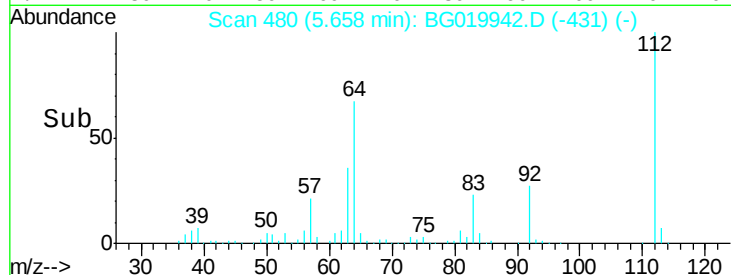
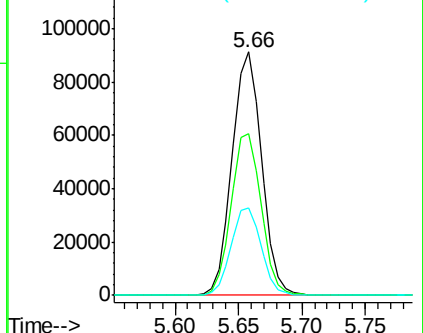
63 36.1 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.27 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

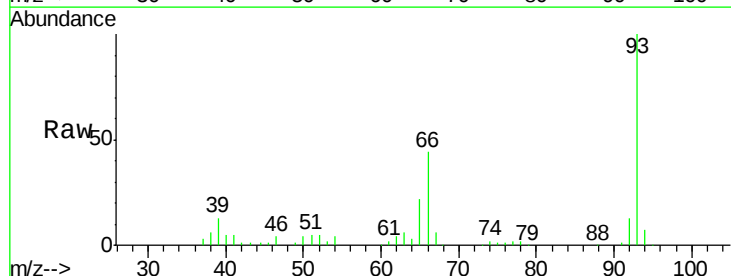
Tgt Ion: 93 Resp: 143564

Ion Ratio Lower Upper

93 100

66 44.2 26.2 39.2#

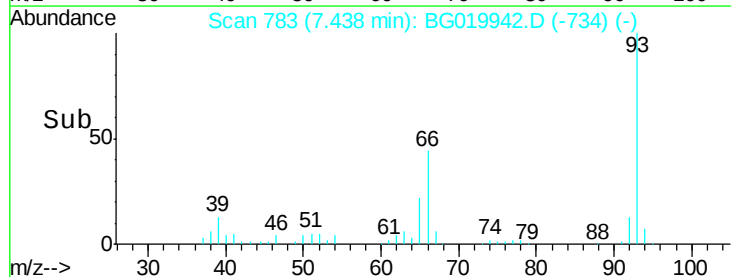
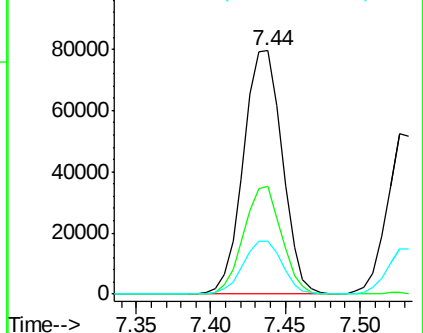
65 21.8 14.0 21.0#

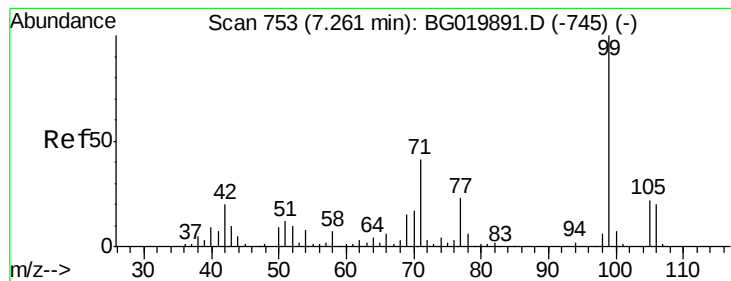


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.55 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

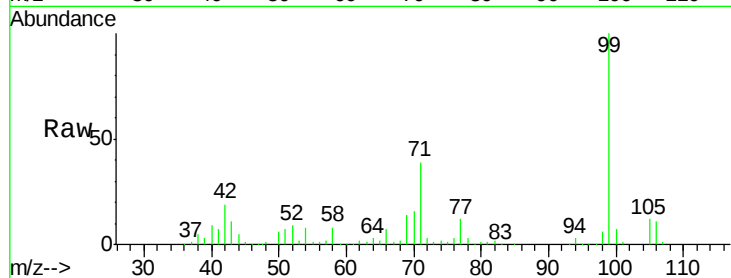
Tgt Ion: 99 Resp: 226966

Ion Ratio Lower Upper

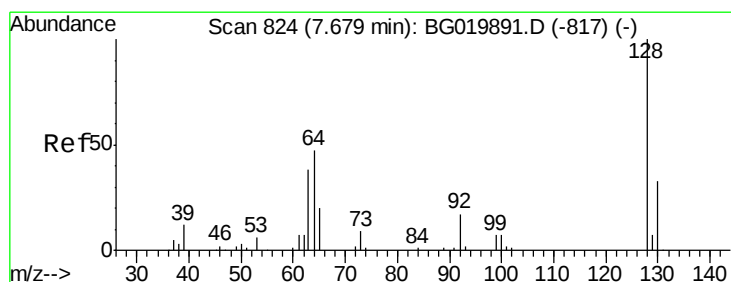
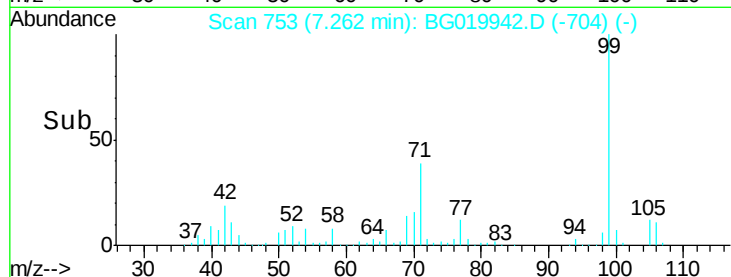
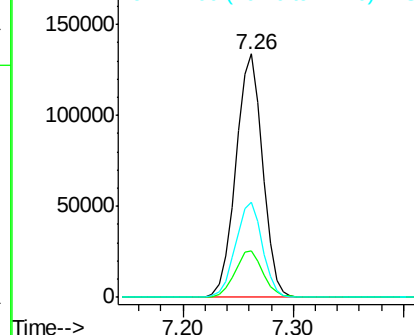
99 100

42 19.4 11.5 17.3#

71 39.2 22.6 34.0#



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



#8

2-Chlorophenol

Concen: 41.77 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

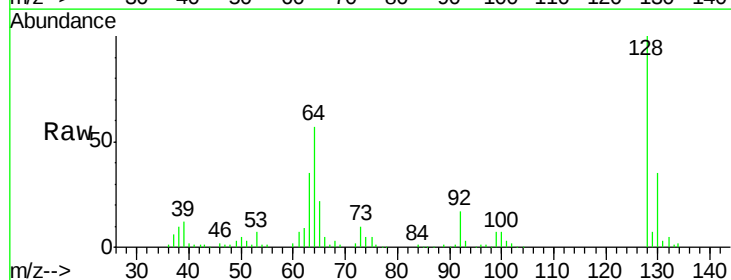
Tgt Ion: 128 Resp: 88460

Ion Ratio Lower Upper

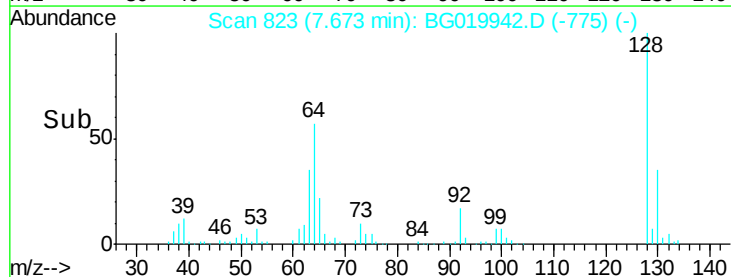
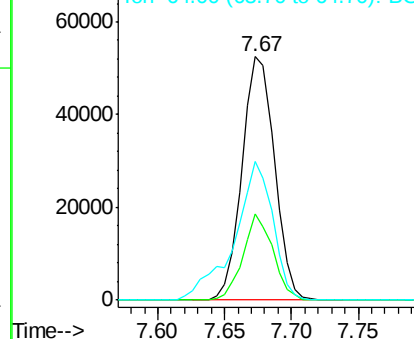
128 100

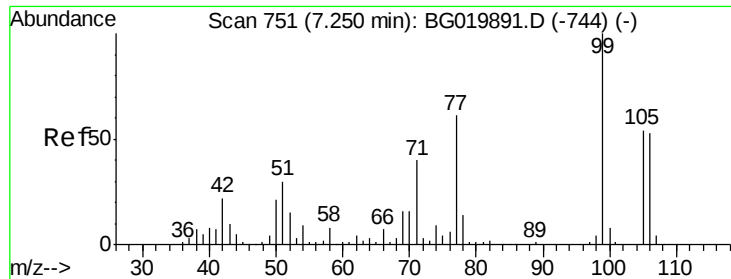
130 35.2 13.0 53.0

64 56.7 28.2 68.2



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





#9

Benzaldehyde

Concen: 38.67 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

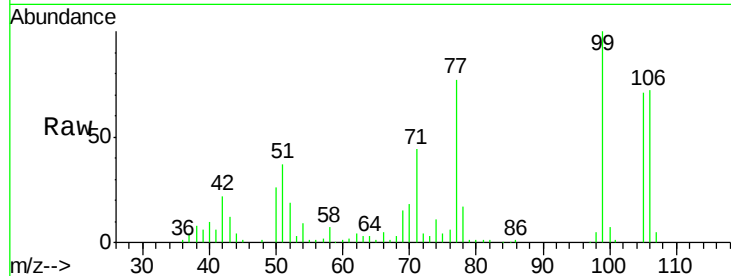
Tgt Ion: 77 Resp: 67630

Ion Ratio Lower Upper

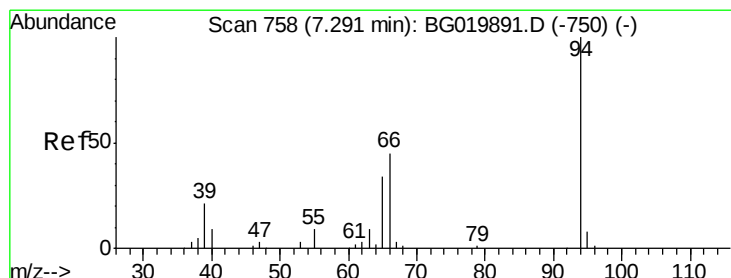
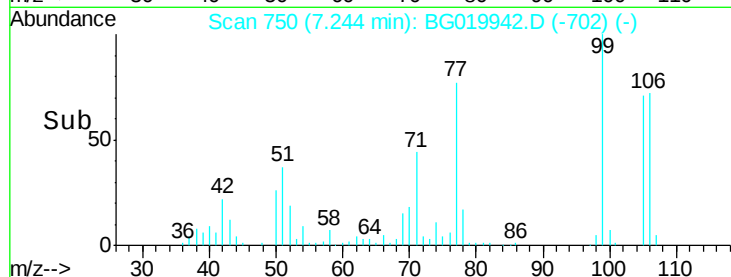
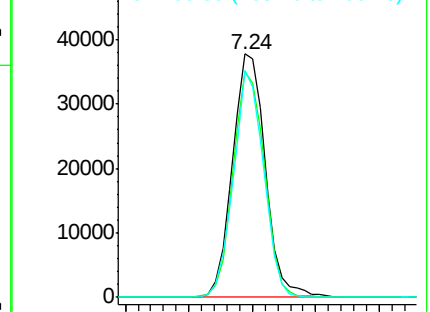
77 100

105 92.7 77.7 117.7

106 93.5 75.8 115.8



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



#10

Phenol

Concen: 43.30 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

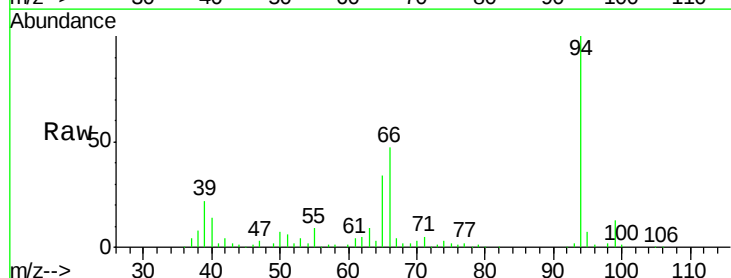
Tgt Ion: 94 Resp: 119506

Ion Ratio Lower Upper

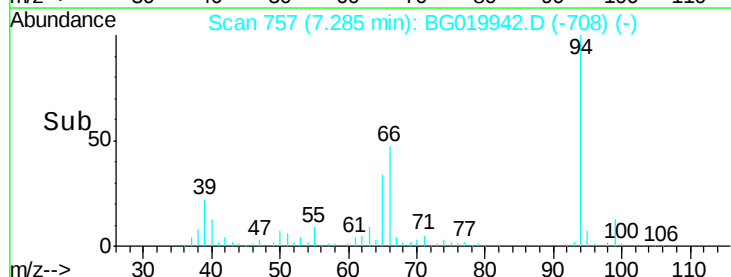
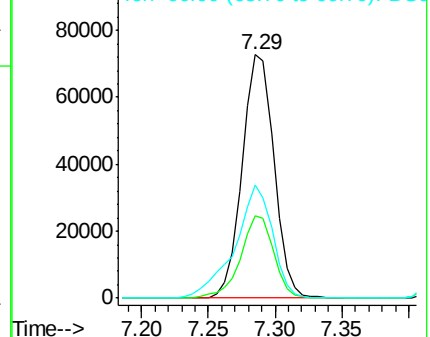
94 100

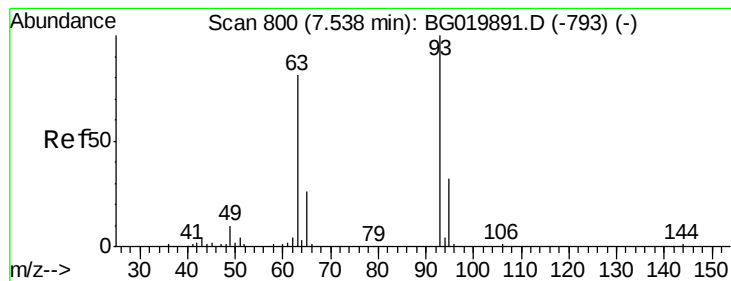
65 33.8 5.4 45.4

66 46.5 11.8 51.8



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

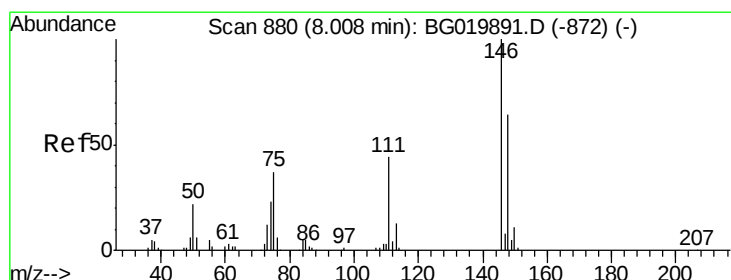
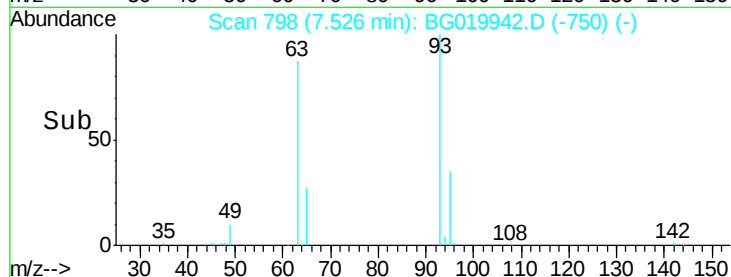
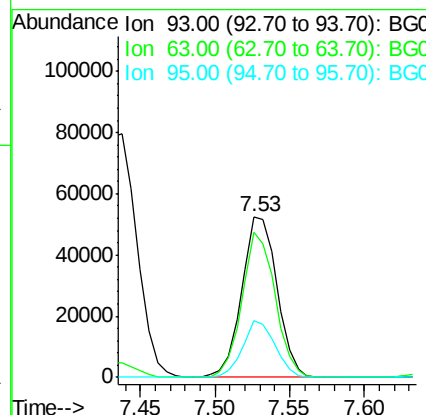
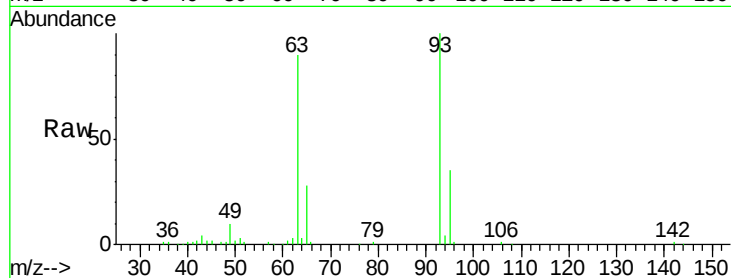




#11  
bis(2-Chloroethyl)ether  
Concen: 41.99 ng  
RT: 7.53 min Scan# 798  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

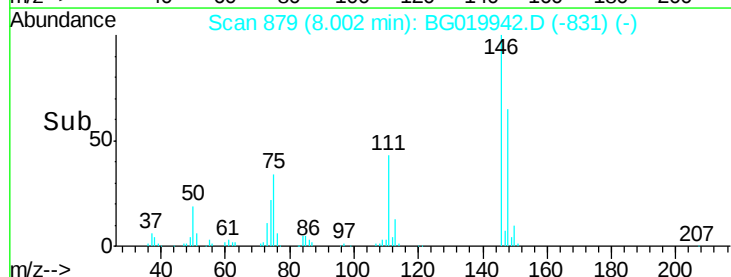
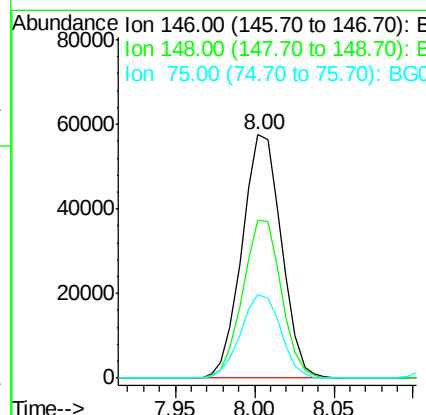
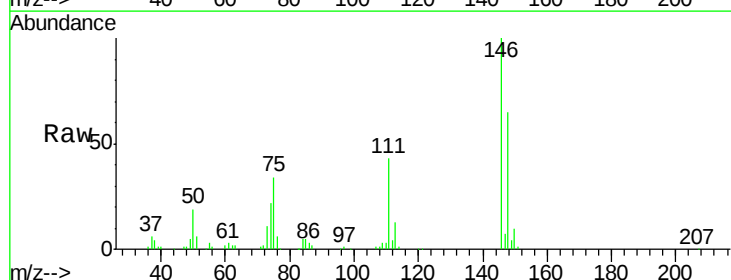
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

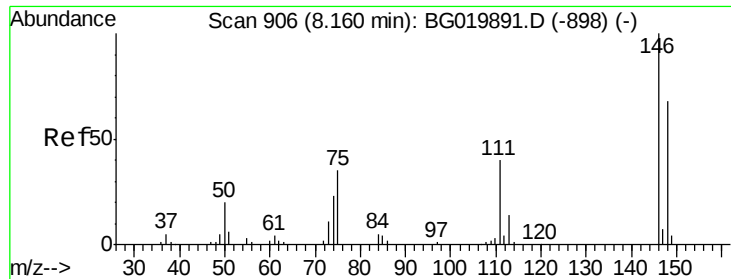
Tgt Ion: 93 Resp: 85836  
Ion Ratio Lower Upper  
93 100  
63 90.3 50.5 90.5  
95 35.2 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 41.33 ng  
RT: 8.00 min Scan# 879  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Tgt Ion: 146 Resp: 99212  
Ion Ratio Lower Upper  
146 100  
148 64.7 53.4 80.0  
75 34.3 21.1 31.7#

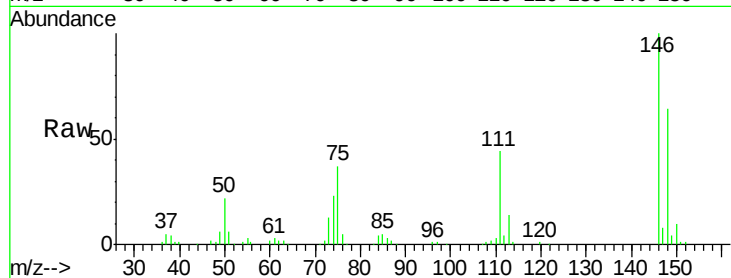




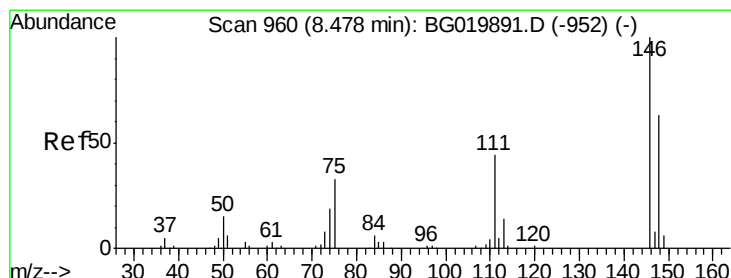
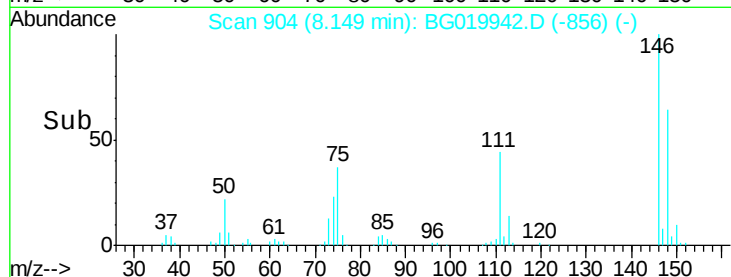
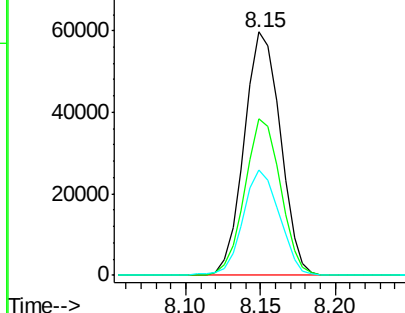
#13  
 1,4-Dichlorobenzene  
 Concen: 40.50 ng  
 RT: 8.15 min Scan# 904  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:146 Resp: 100412  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 52.5 78.7  
 111 43.5 28.3 42.5#

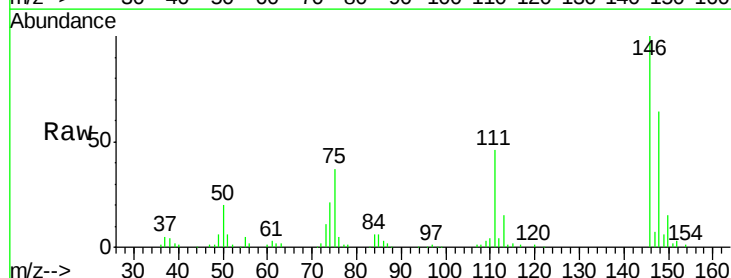


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

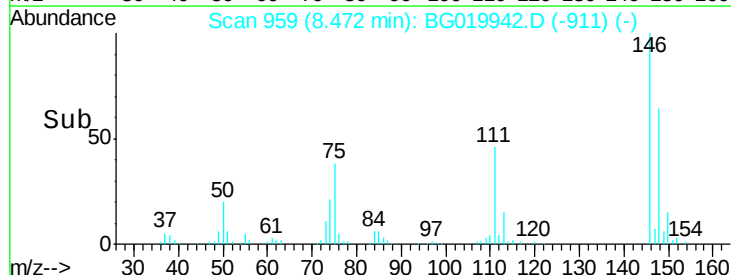
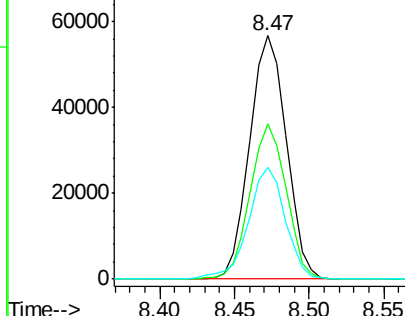


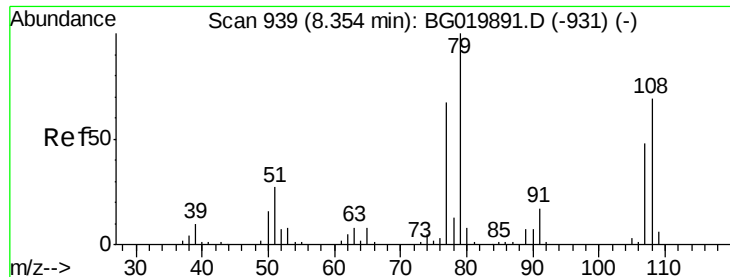
#14  
 1,2-Dichlorobenzene  
 Concen: 40.71 ng  
 RT: 8.47 min Scan# 959  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion:146 Resp: 96272  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 52.5 78.7  
 111 46.1 29.9 44.9#



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: 39.28 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

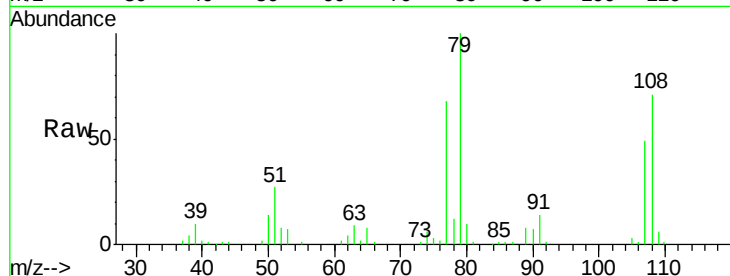
Tgt Ion: 79 Resp: 90393

Ion Ratio Lower Upper

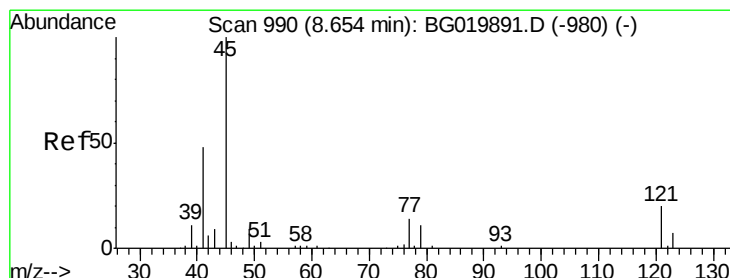
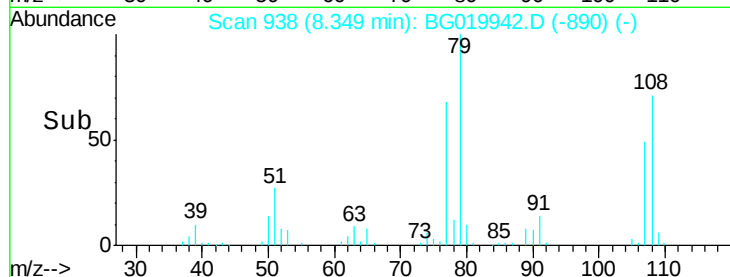
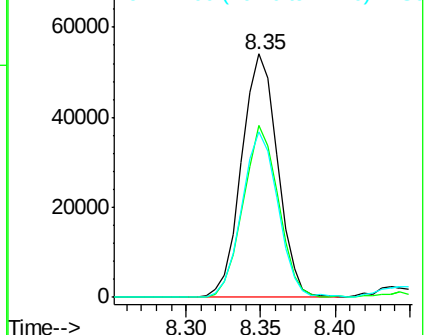
79 100

108 70.5 65.5 98.3

77 68.0 51.3 76.9



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: 42.10 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

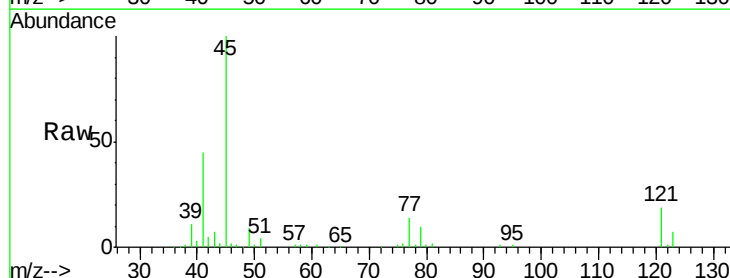
Tgt Ion: 45 Resp: 140343

Ion Ratio Lower Upper

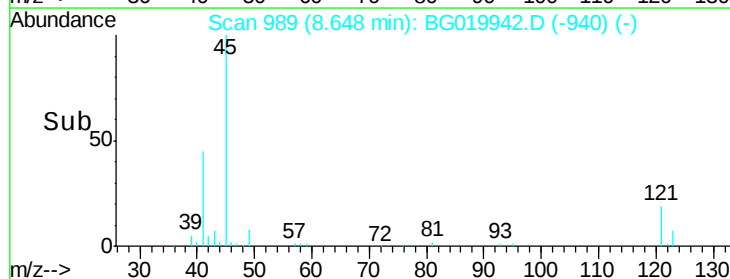
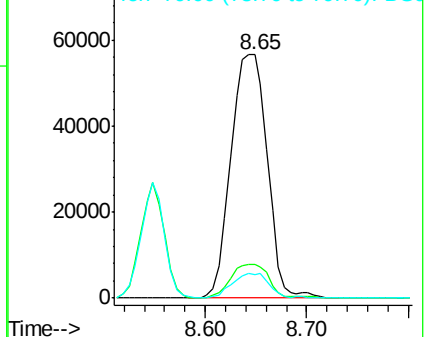
45 100

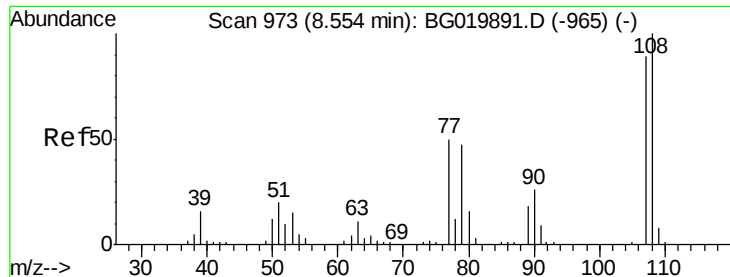
77 13.9 0.0 37.0

79 9.6 0.0 33.8



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

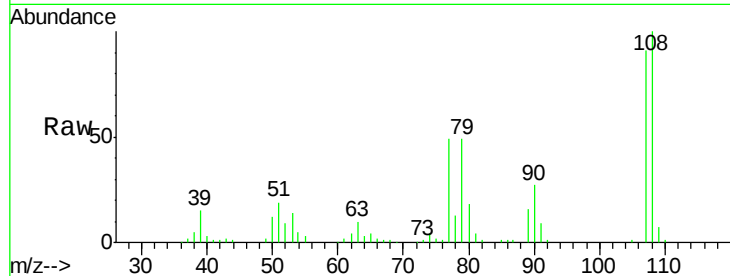




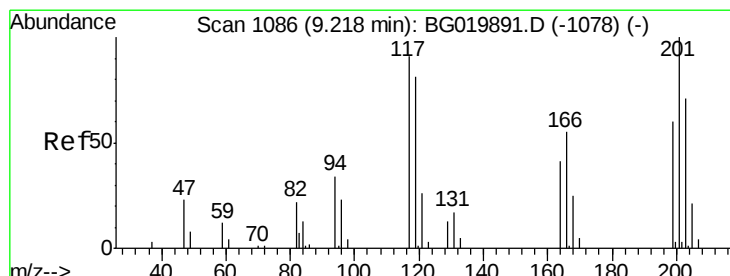
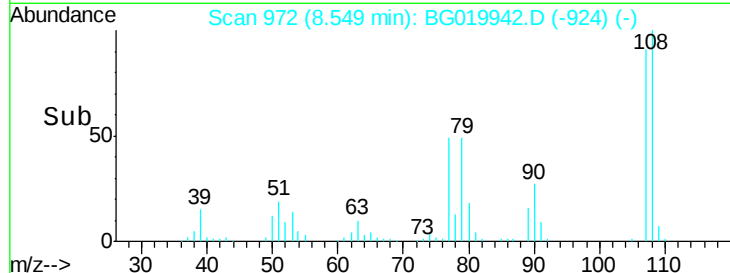
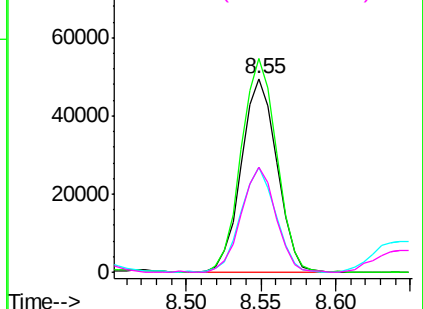
#17  
2-Methylphenol  
Concen: 41.93 ng  
RT: 8.55 min Scan# 972  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 81700  
Ion Ratio Lower Upper  
107 100  
108 110.1 86.5 129.7  
77 54.3 34.6 51.8#  
79 53.9 32.3 48.5#

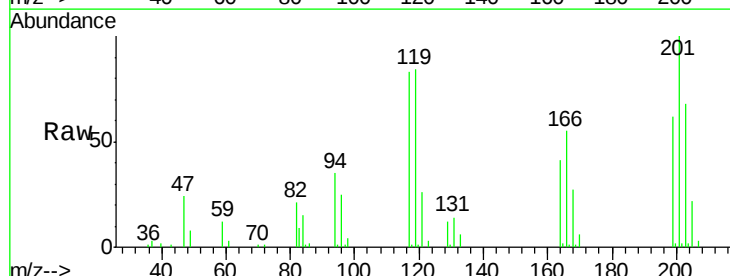


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

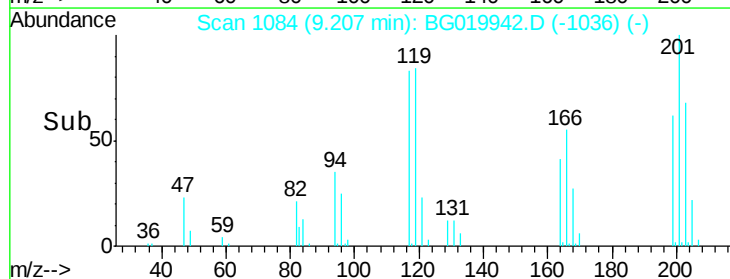
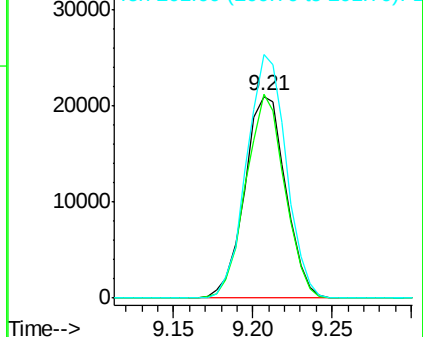


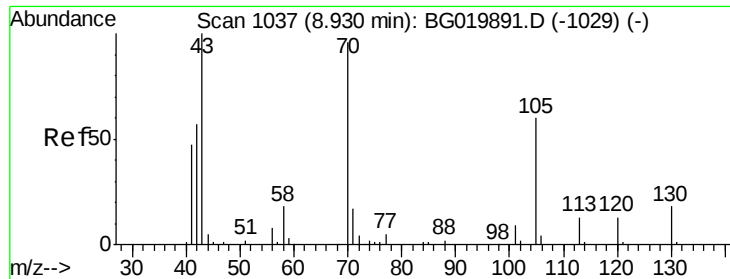
#18  
Hexachloroethane  
Concen: 40.68 ng  
RT: 9.21 min Scan# 1084  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Tgt Ion:117 Resp: 37768  
Ion Ratio Lower Upper  
117 100  
119 99.8 71.7 107.5  
201 119.2 90.9 136.3



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

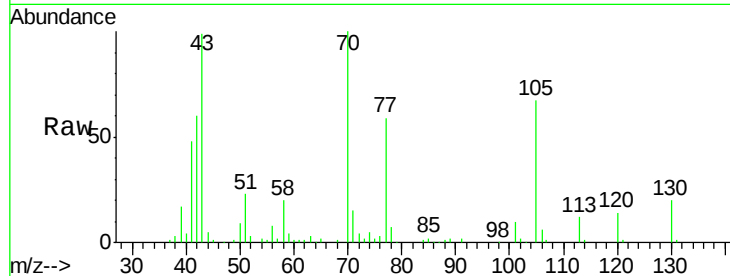




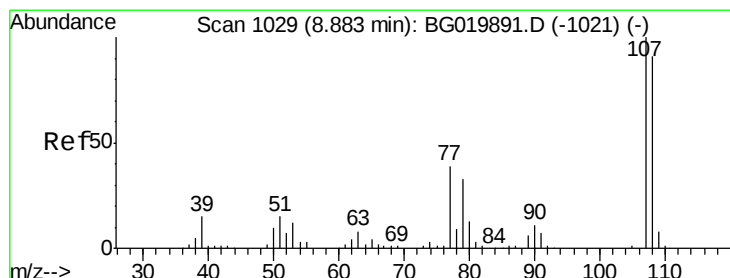
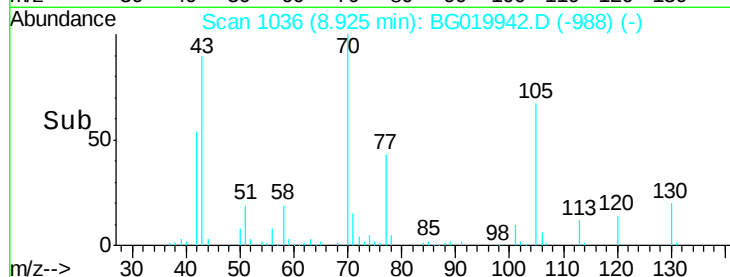
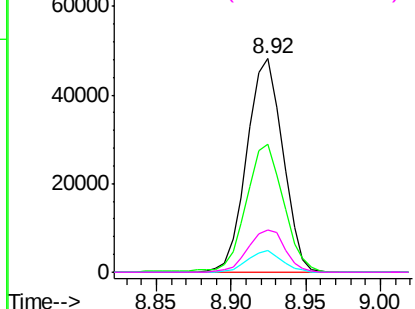
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.86 ng  
RT: 8.92 min Scan# 1036  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 80368  
Ion Ratio Lower Upper  
70 100  
42 60.2 40.6 60.8  
101 10.3 8.6 13.0  
130 19.6 17.0 25.6



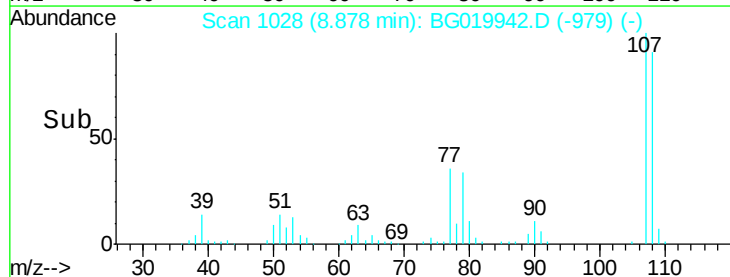
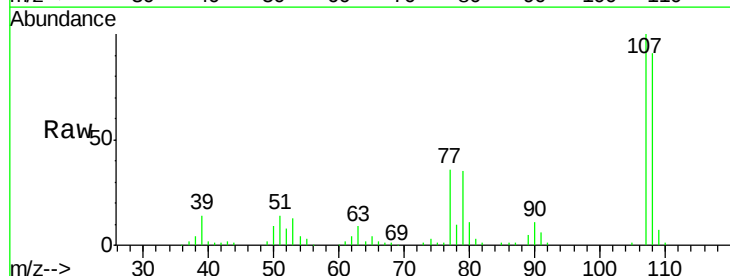
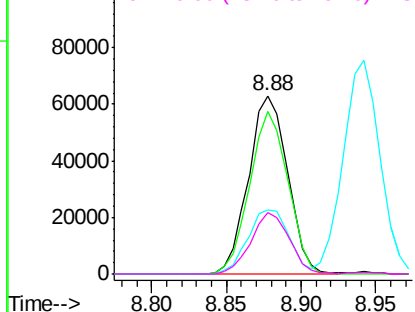
Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

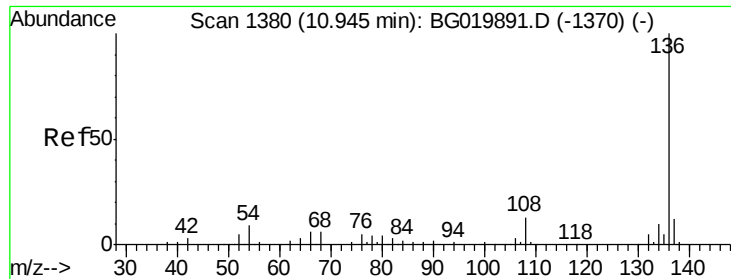


#20  
3+4-Methylphenols  
Concen: 41.57 ng  
RT: 8.88 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Tgt Ion: 107 Resp: 114054  
Ion Ratio Lower Upper  
107 100  
108 91.3 72.2 112.2  
77 36.0 13.4 53.4  
79 34.7 7.2 47.2

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

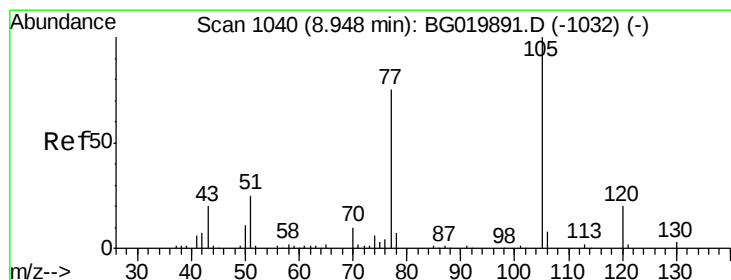
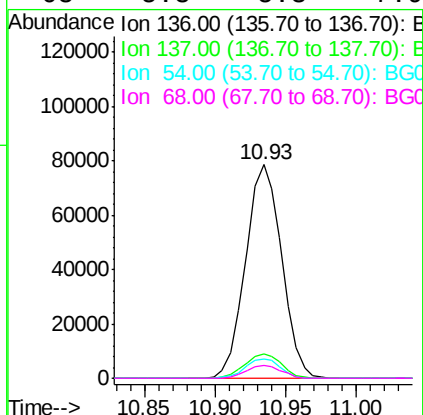
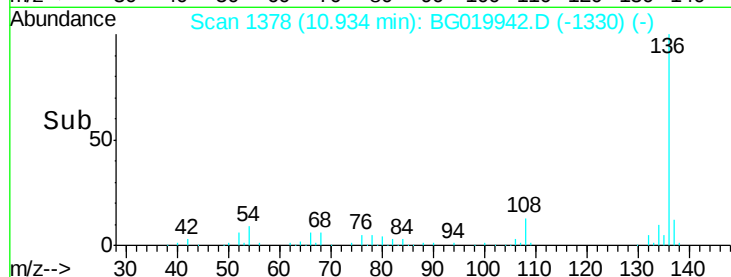
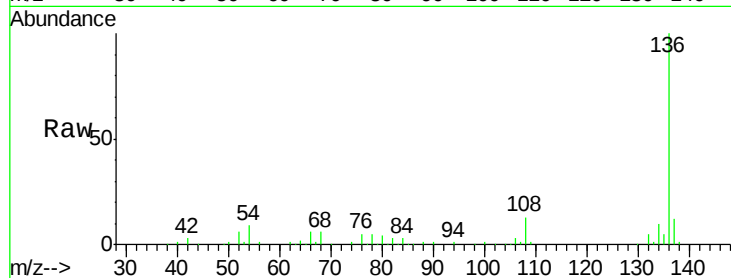




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.93 min Scan# 1378  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

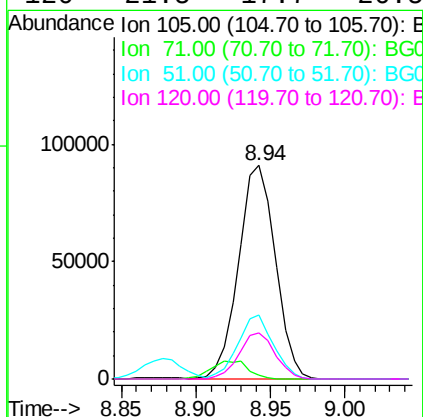
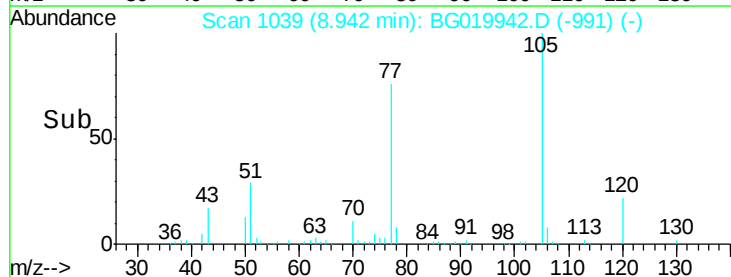
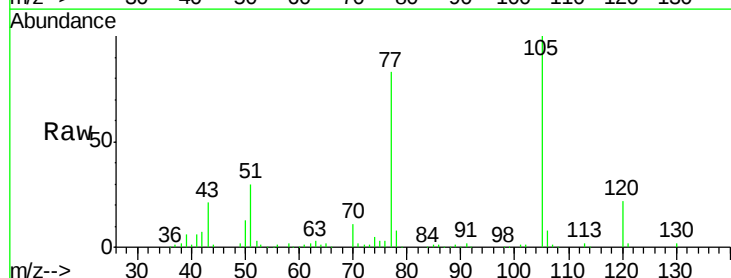
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

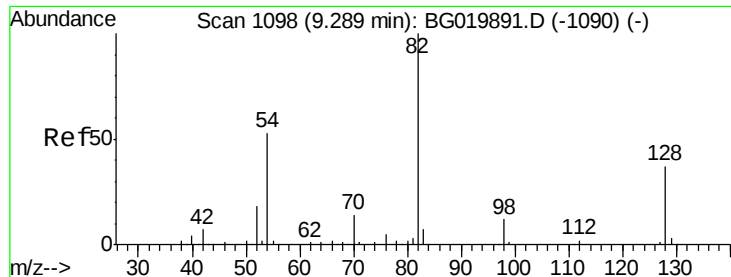
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 140778 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.6  | 8.6   | 12.8   |
| 54       | 8.7   | 5.4   | 8.2#   |
| 68       | 5.8   | 5.3   | 7.9    |



#22  
Acetophenone  
Concen: 40.38 ng  
RT: 8.94 min Scan# 1039  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 155839 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.7   | 2.1   | 3.1#   |
| 51       | 30.2  | 17.8  | 26.8#  |
| 120      | 21.5  | 17.7  | 26.5   |

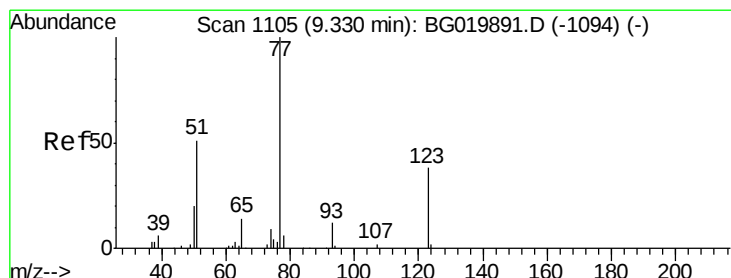
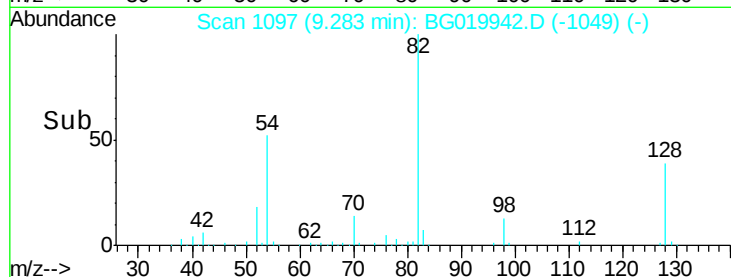
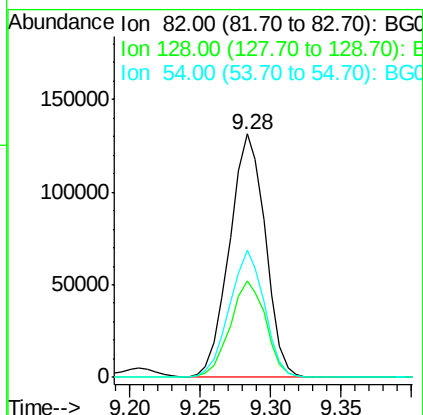
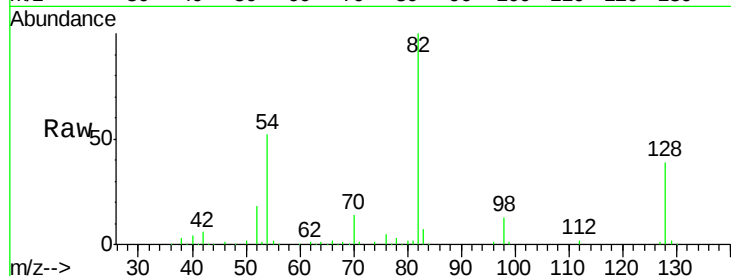




#23  
Nitrobenzene-d5  
Concen: 84.36 ng  
RT: 9.28 min Scan# 1097  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

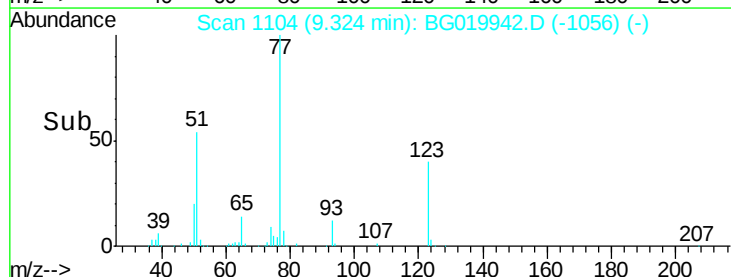
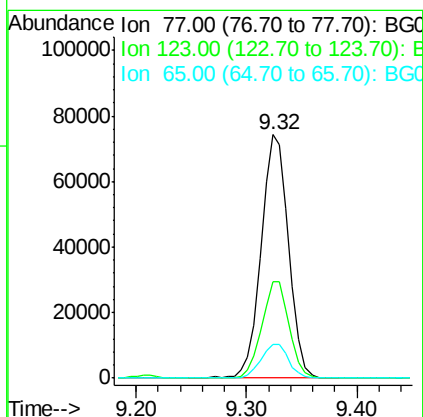
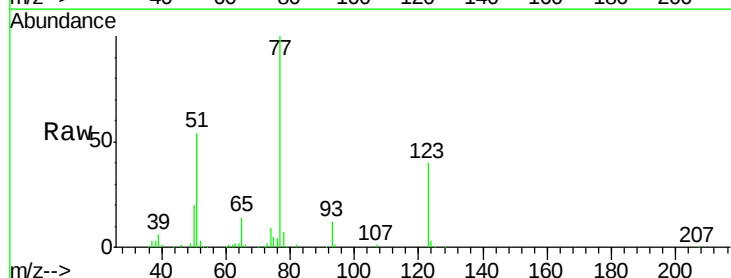
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

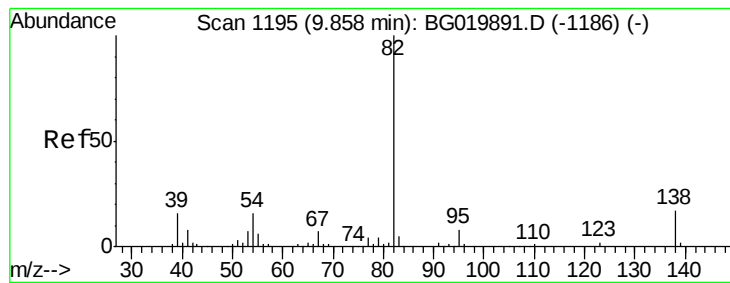
Tgt Ion: 82 Resp: 232713  
Ion Ratio Lower Upper  
82 100  
128 39.4 36.7 55.1  
54 52.3 33.8 50.8#



#24  
Nitrobenzene  
Concen: 43.03 ng  
RT: 9.32 min Scan# 1104  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Tgt Ion: 77 Resp: 128753  
Ion Ratio Lower Upper  
77 100  
123 39.8 38.2 57.2  
65 13.7 10.6 16.0





#25

Isophorone

Concen: 39.35 ng

RT: 9.85 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

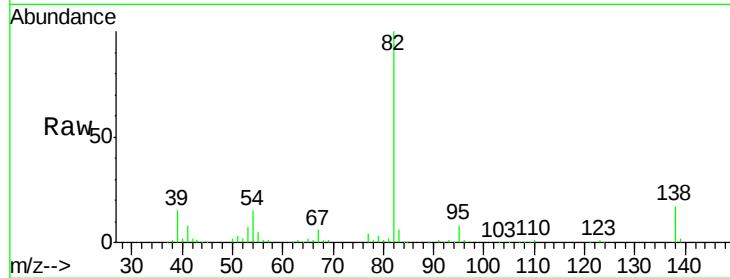
Tgt Ion: 82 Resp: 232728

Ion Ratio Lower Upper

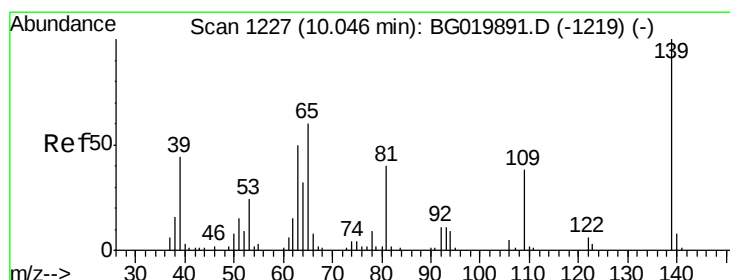
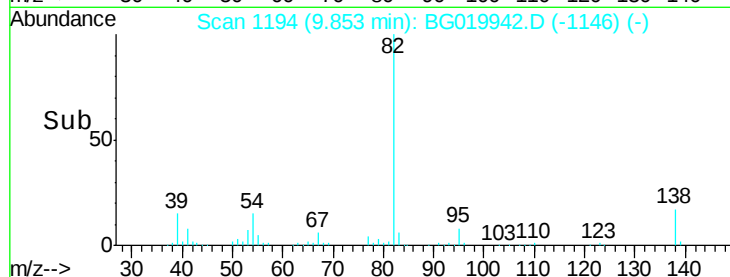
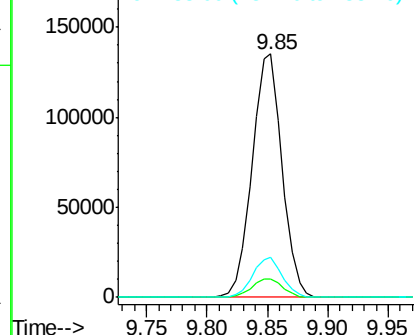
82 100

95 7.7 5.2 7.8

138 16.5 14.4 21.6



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



#26

2-Nitrophenol

Concen: 46.11 ng

RT: 10.04 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

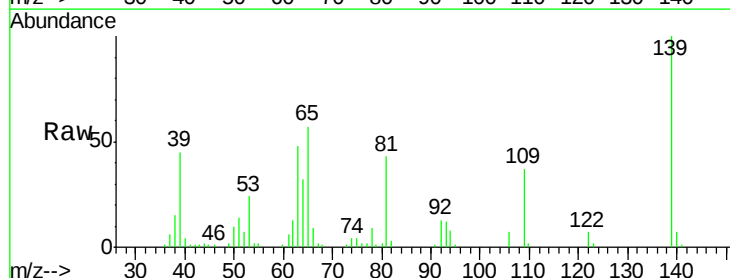
Tgt Ion: 139 Resp: 53280

Ion Ratio Lower Upper

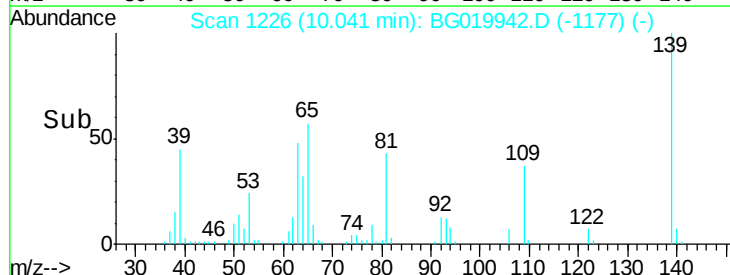
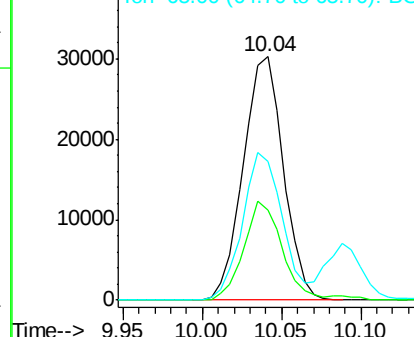
139 100

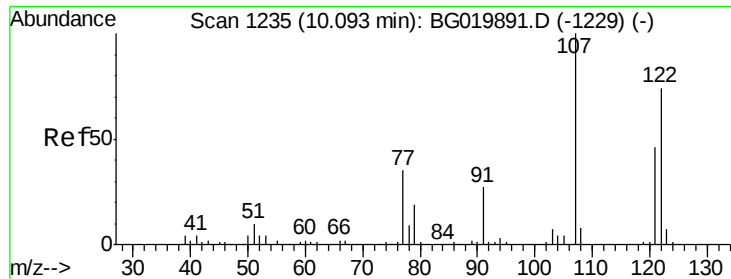
109 36.7 20.1 30.1#

65 57.1 34.1 51.1#



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

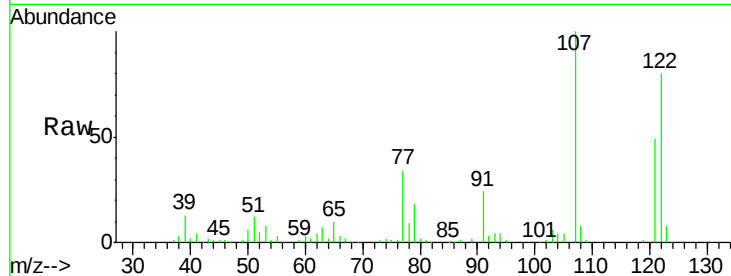




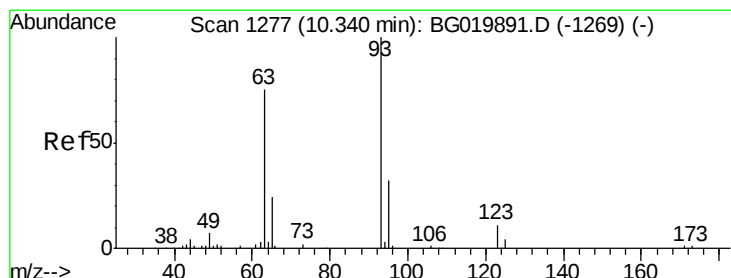
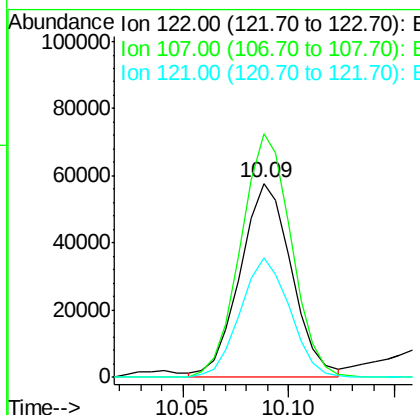
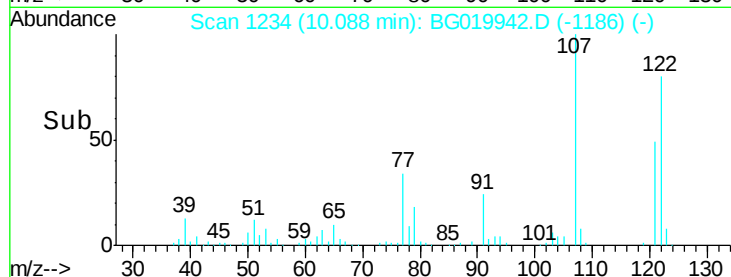
#27  
 2,4-Dimethylphenol  
 Concen: 40.42 ng  
 RT: 10.09 min Scan# 1234  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 122 Resp: 97279  
 Ion Ratio Lower Upper  
 122 100  
 107 125.4 91.6 137.4  
 121 61.6 47.3 70.9

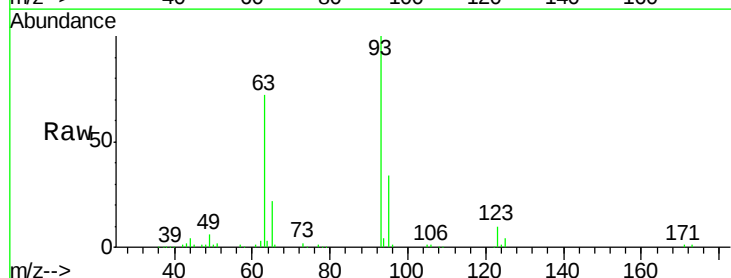


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

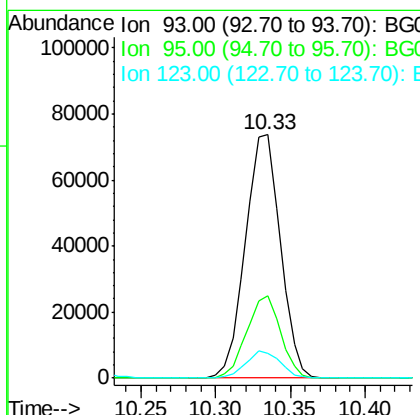
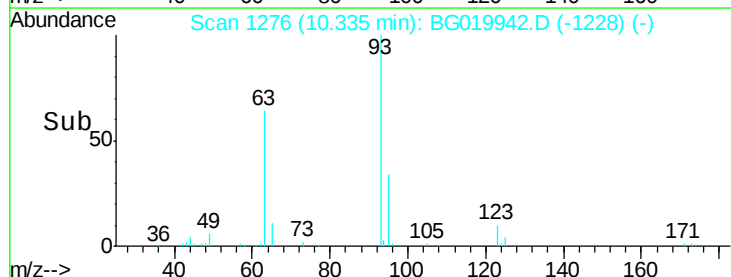


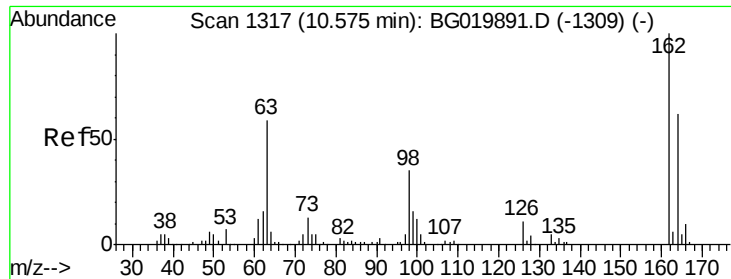
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.34 ng  
 RT: 10.33 min Scan# 1276  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion: 93 Resp: 119476  
 Ion Ratio Lower Upper  
 93 100  
 95 33.8 25.7 38.5  
 123 10.1 8.6 12.8



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

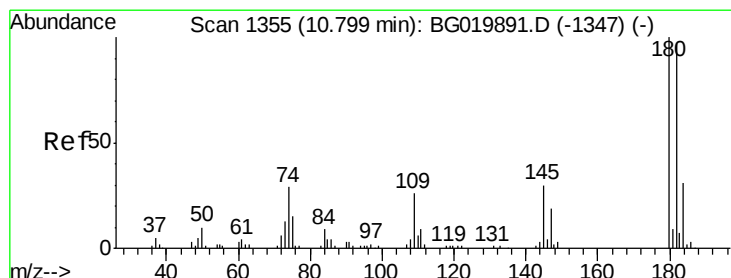
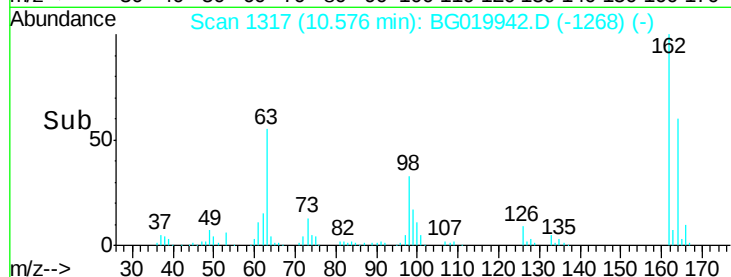
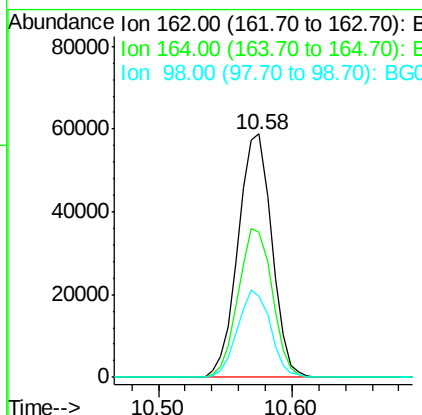
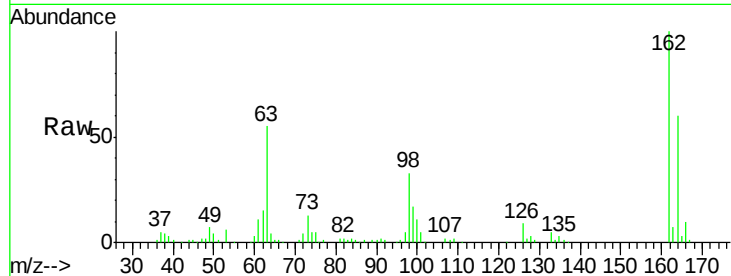




#29  
 2,4-Dichlorophenol  
 Concen: 41.91 ng  
 RT: 10.58 min Scan# 1317  
 Delta R.T. -0.01 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

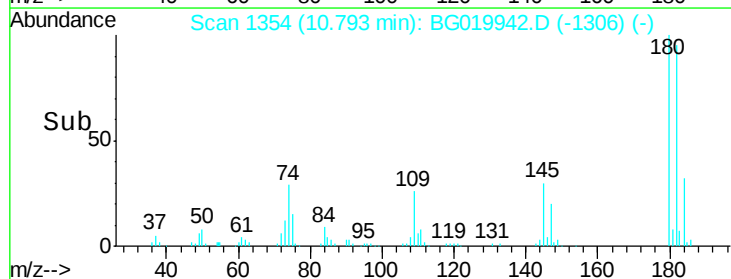
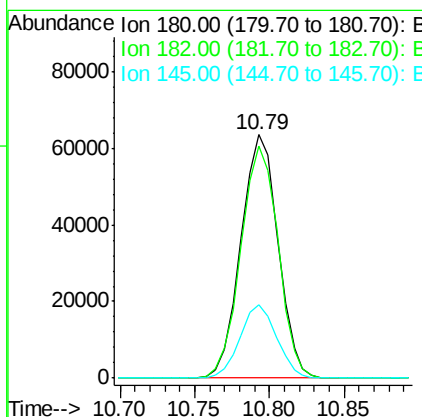
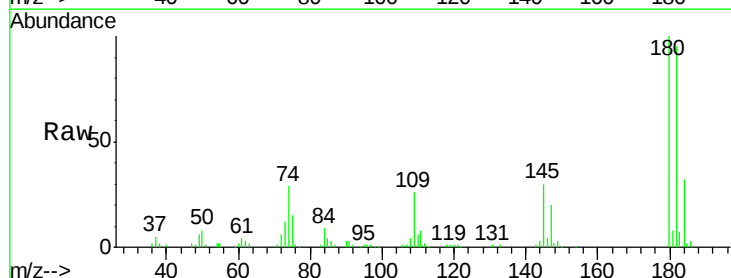
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC040

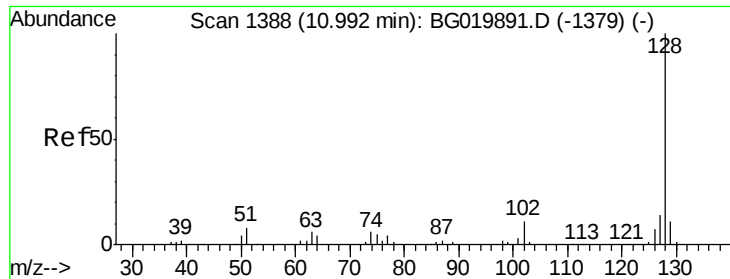
Tgt Ion:162 Resp: 103030  
 Ion Ratio Lower Upper  
 162 100  
 164 59.7 42.3 82.3  
 98 33.0 11.5 51.5



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.30 ng  
 RT: 10.79 min Scan# 1354  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion:180 Resp: 109192  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 79.7 119.5  
 145 30.1 22.0 33.0

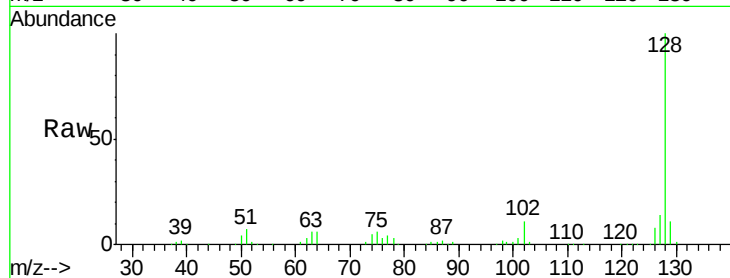




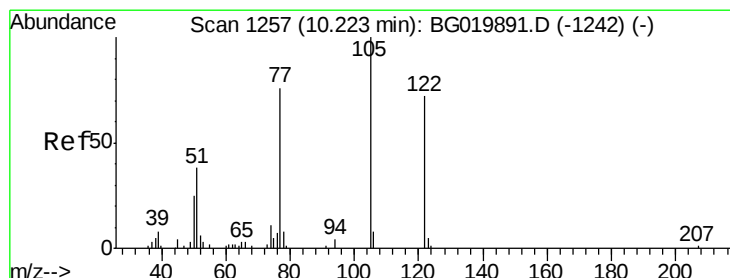
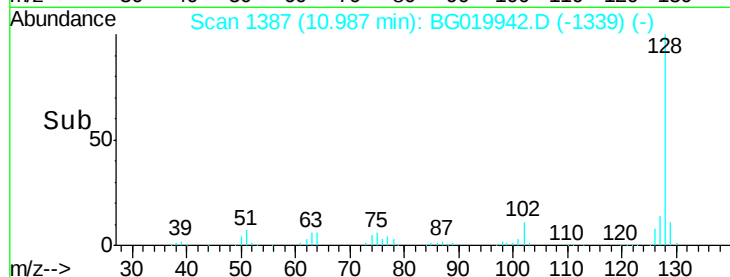
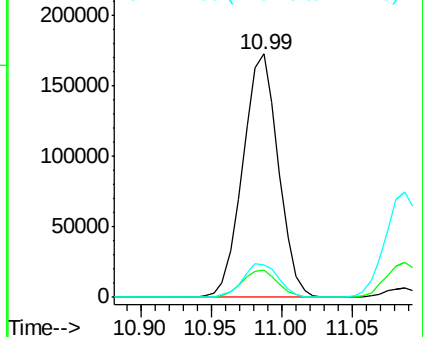
#31  
Naphthalene  
Concen: 40.33 ng  
RT: 10.99 min Scan# 1387  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:128 Resp: 304183  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 13.5 10.6 16.0

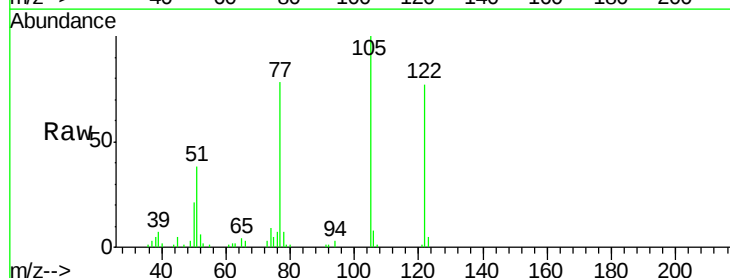


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

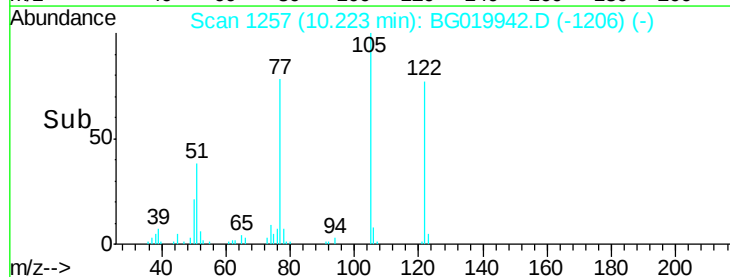
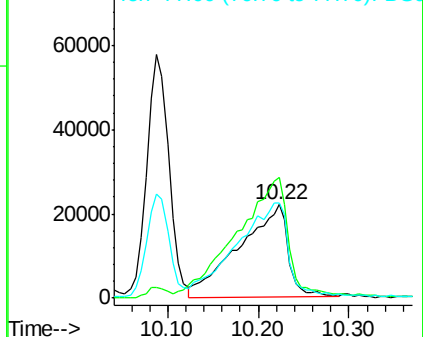


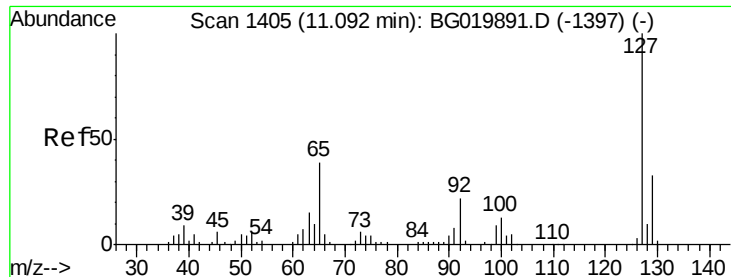
#32  
Benzoic acid  
Concen: 49.86 ng  
RT: 10.22 min Scan# 1257  
Delta R.T. 0.00 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Tgt Ion:122 Resp: 81292  
Ion Ratio Lower Upper  
122 100  
105 129.1 103.8 143.8  
77 101.0 68.8 108.8



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

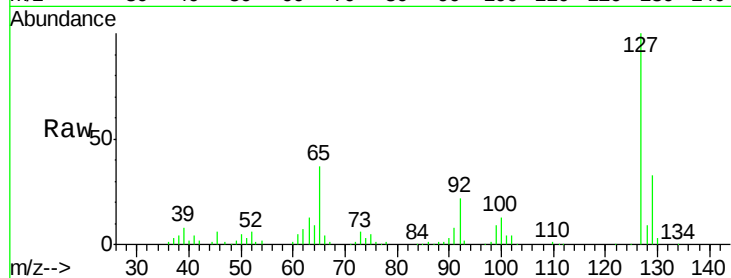




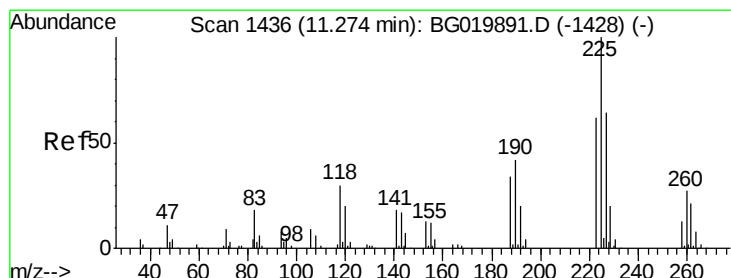
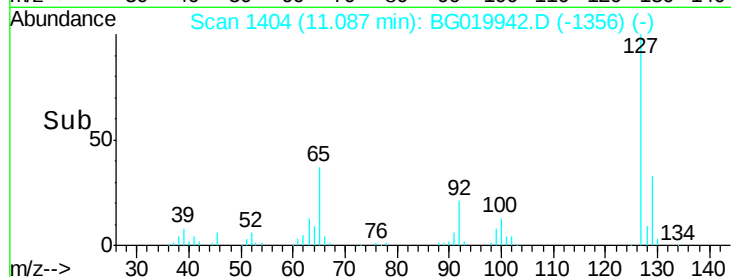
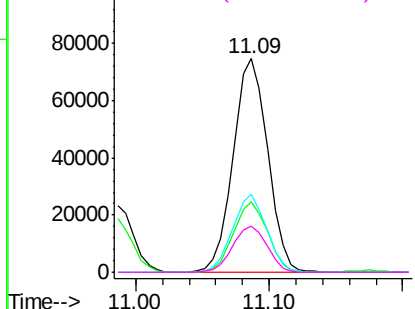
#33  
4-Chloroaniline  
Concen: 40.27 ng  
RT: 11.09 min Scan# 1404  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 133833 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.0  | 24.6  | 37.0   |
| 65       | 36.8  | 22.6  | 33.8#  |
| 92       | 21.6  | 15.1  | 22.7   |

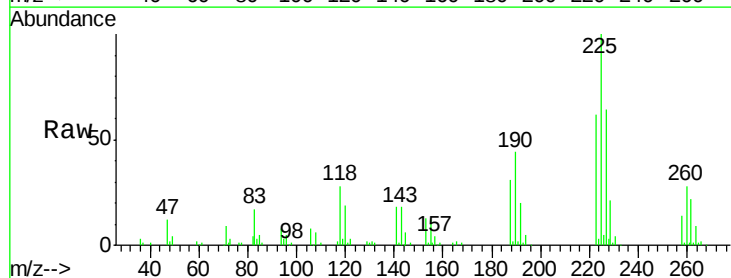


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

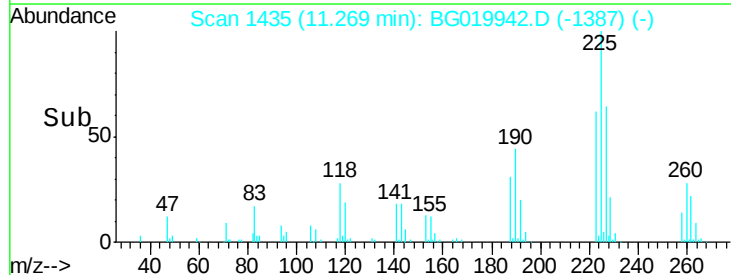
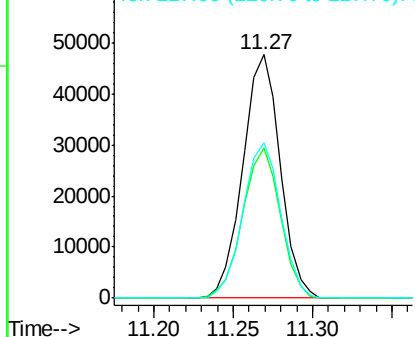


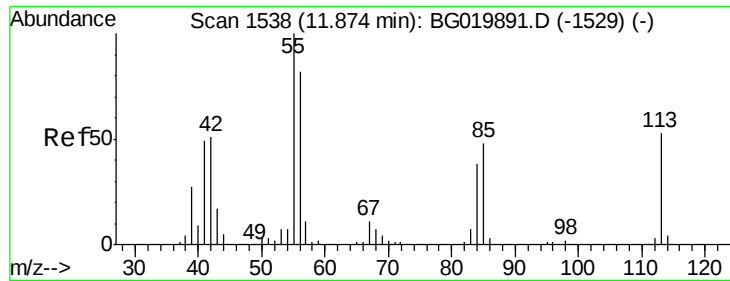
#34  
Hexachlorobutadiene  
Concen: 38.06 ng  
RT: 11.27 min Scan# 1435  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 78003 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 65.3  | 51.0  | 76.4  |
| 227      | 64.0  | 51.8  | 77.8  |



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





#35

Caprolactam

Concen: 38.93 ng

RT: 11.87 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

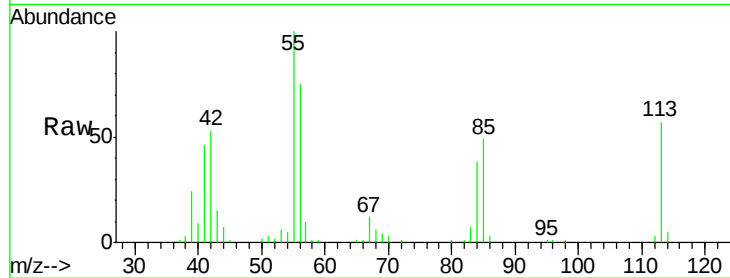
Tgt Ion:113 Resp: 35629

Ion Ratio Lower Upper

113 100

55 174.1 135.0 175.0

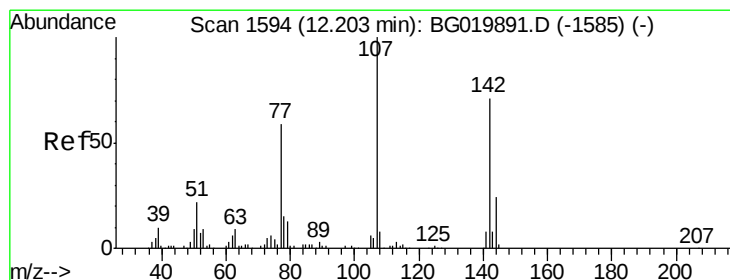
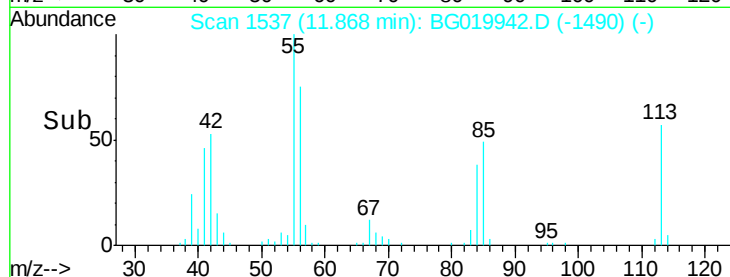
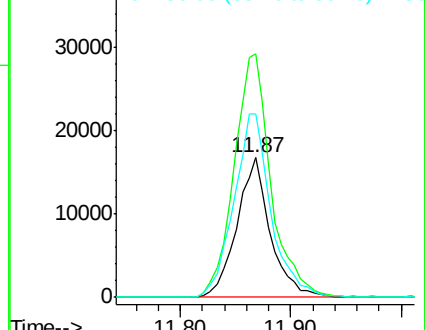
56 130.7 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.30 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

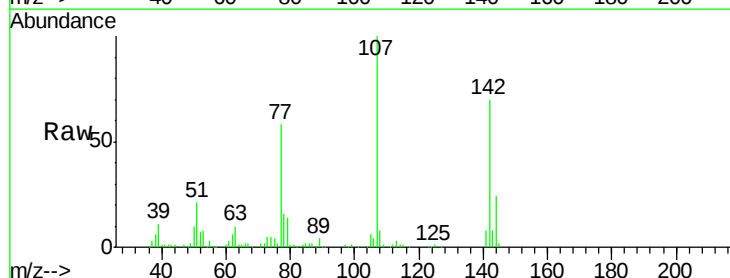
Tgt Ion:107 Resp: 123395

Ion Ratio Lower Upper

107 100

144 24.0 20.6 31.0

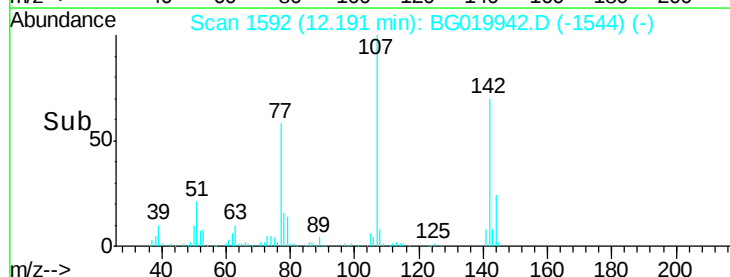
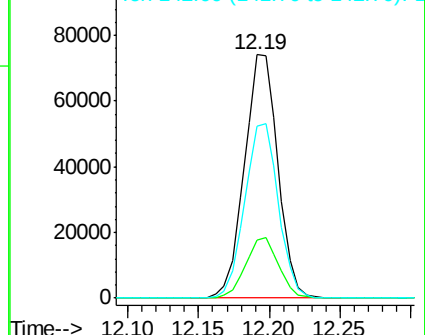
142 70.5 62.6 93.8

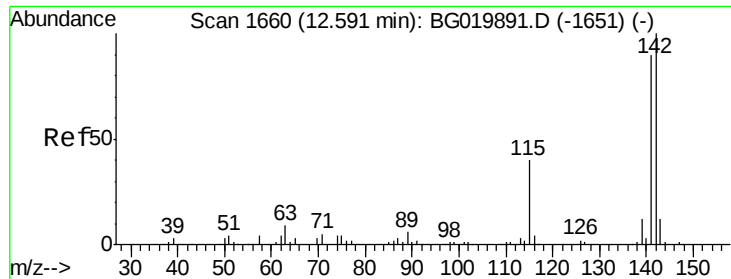


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

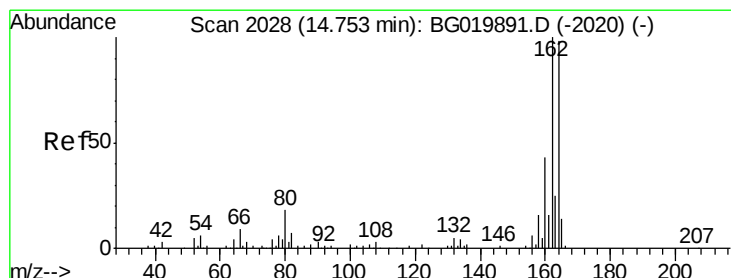
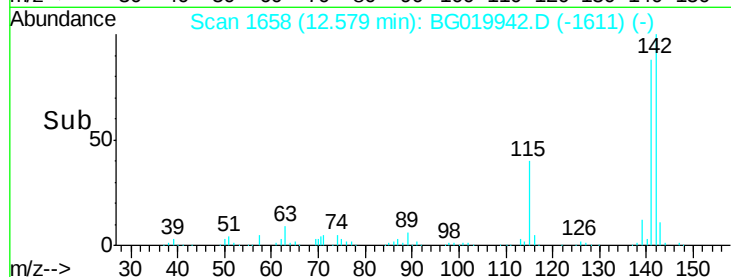
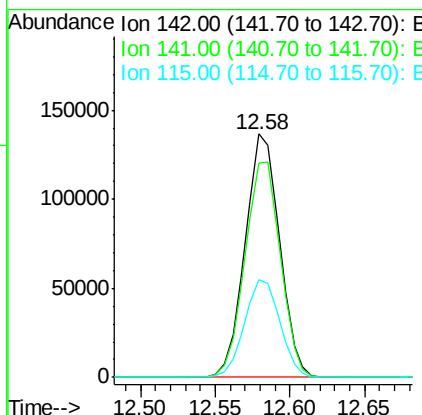
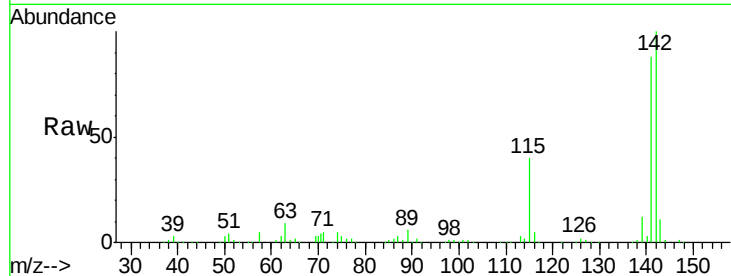




#37  
 2-Methylnaphthalene  
 Concen: 39.31 ng  
 RT: 12.58 min Scan# 1658  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

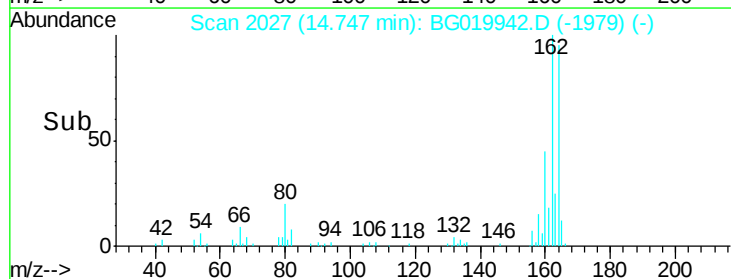
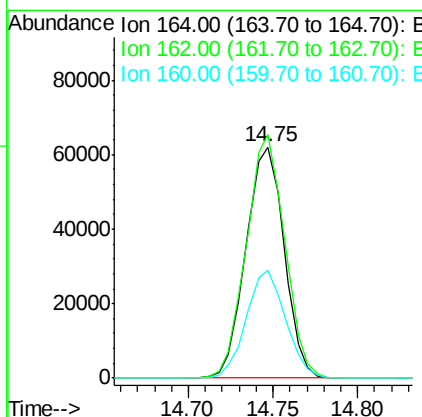
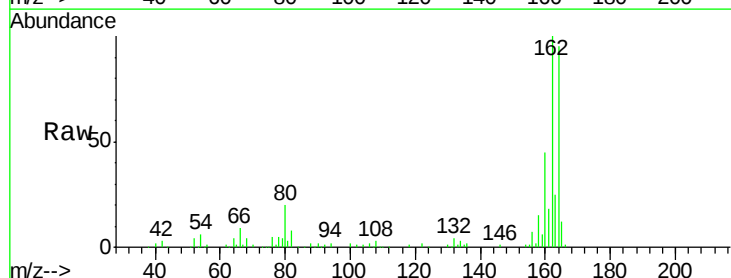
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

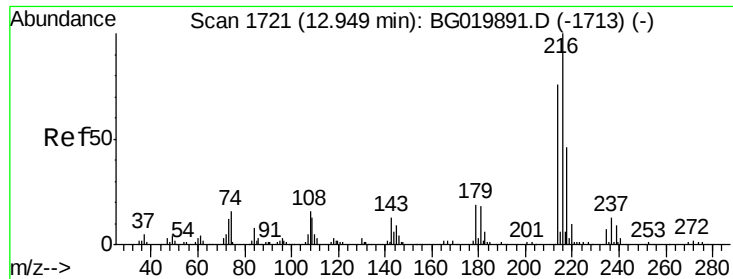
Tgt Ion:142 Resp: 217241  
 Ion Ratio Lower Upper  
 142 100  
 141 88.1 74.6 112.0  
 115 39.9 27.4 41.0



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.75 min Scan# 2027  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion:164 Resp: 97918  
 Ion Ratio Lower Upper  
 164 100  
 162 105.5 78.8 118.2  
 160 47.0 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.97 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 148534

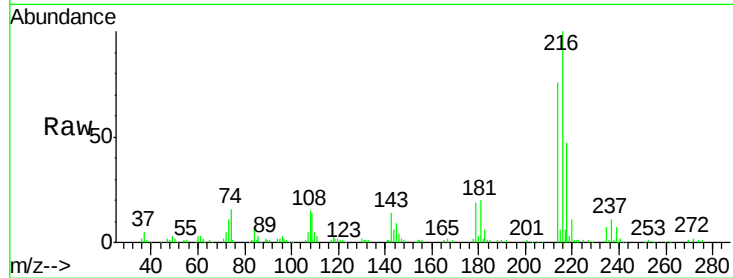
Ion Ratio Lower Upper

216 100

214 78.3 62.5 93.7

179 19.8 15.6 23.4

108 16.5 13.3 19.9

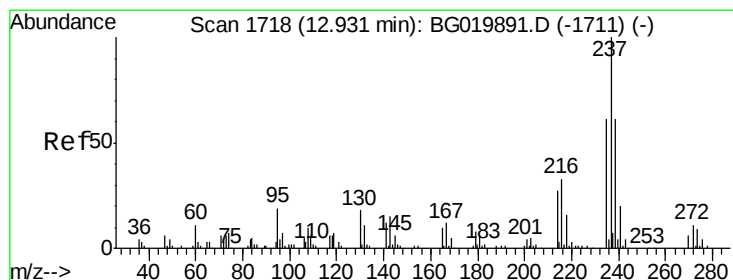
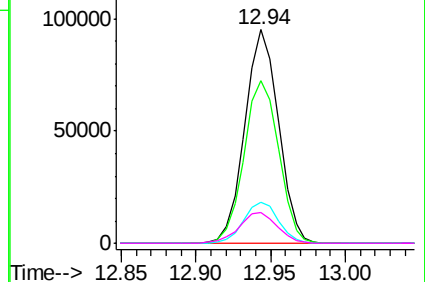
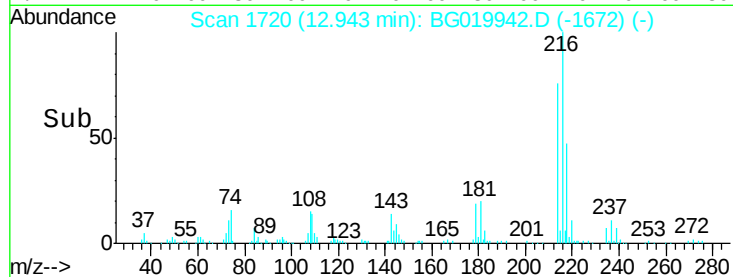


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 37.92 ng

RT: 12.93 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

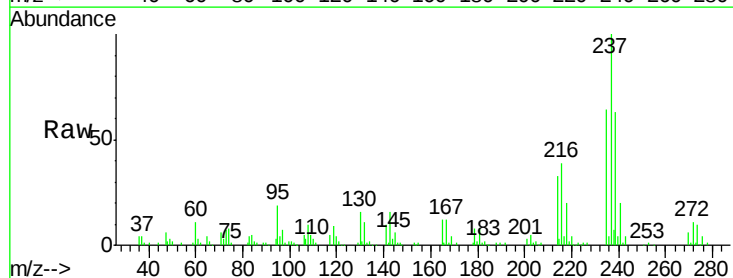
Tgt Ion:237 Resp: 80350

Ion Ratio Lower Upper

237 100

235 63.5 44.6 84.6

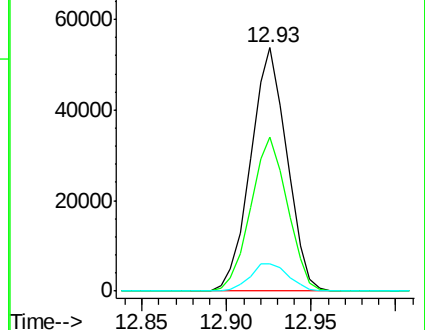
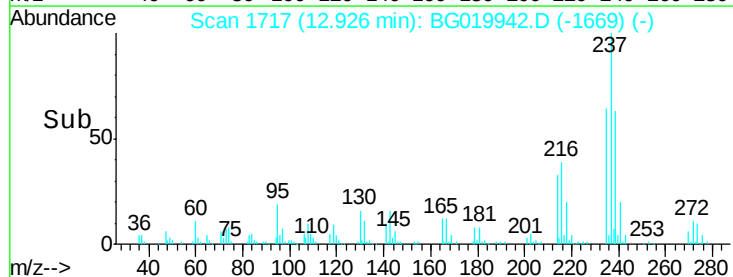
272 11.4 0.0 32.8

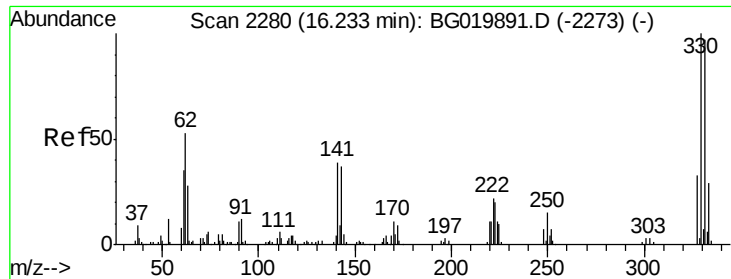


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

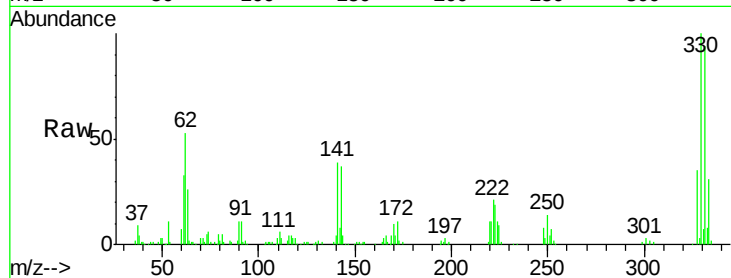




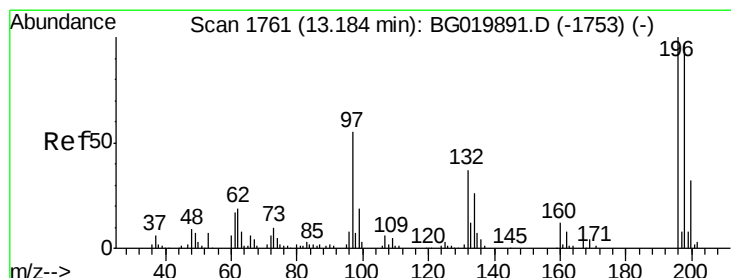
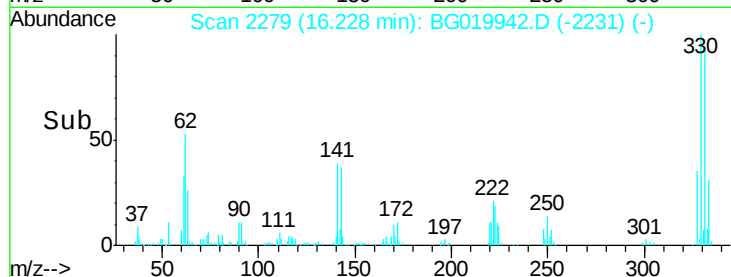
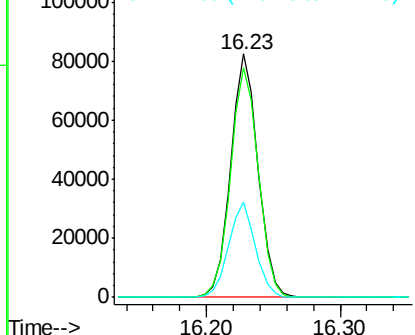
#41  
 2,4,6-Tribromophenol  
 Concen: 78.37 ng  
 RT: 16.23 min Scan# 2279  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:330 Resp: 117419  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 78.1 117.1  
 141 38.3 28.2 42.2

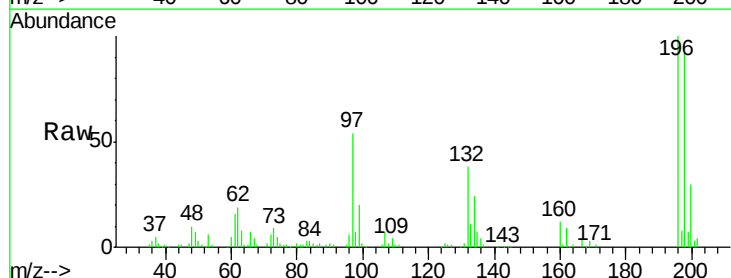


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

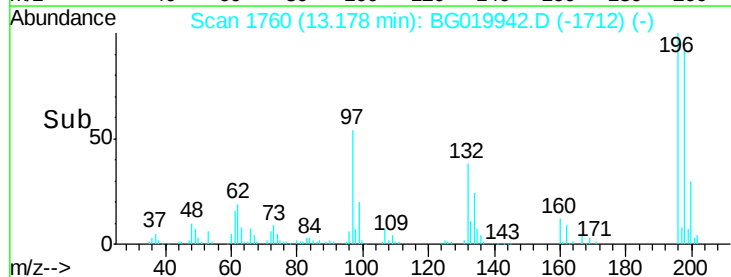
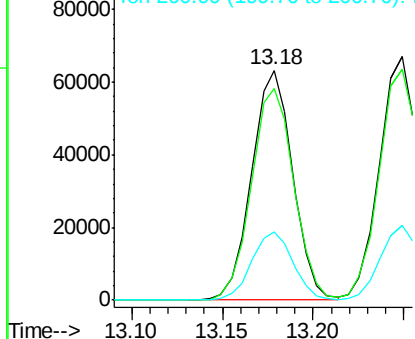


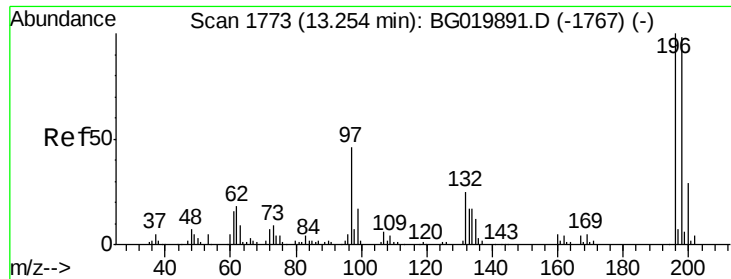
#42  
 2,4,6-Trichlorophenol  
 Concen: 40.44 ng  
 RT: 13.18 min Scan# 1760  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion:196 Resp: 99496  
 Ion Ratio Lower Upper  
 196 100  
 198 92.0 74.7 112.1  
 200 29.7 24.1 36.1



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

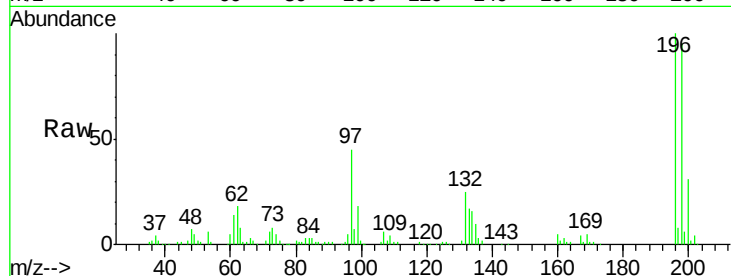




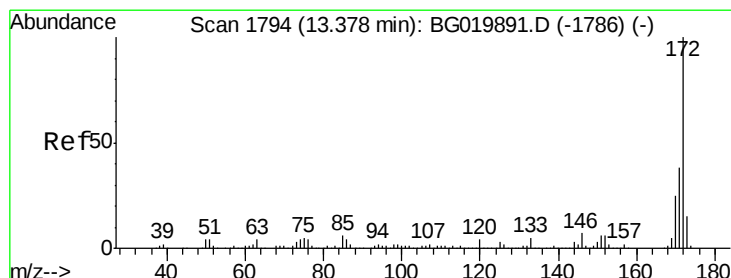
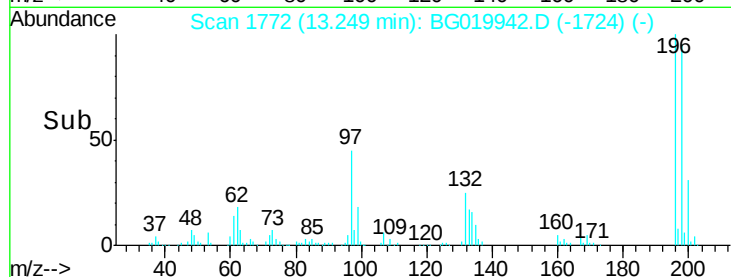
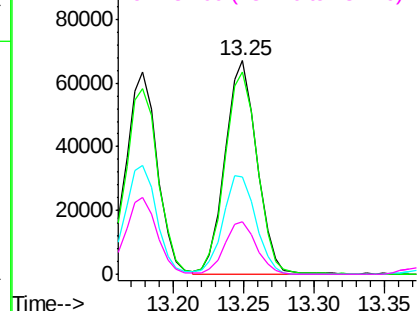
#43  
2,4,5-Trichlorophenol  
Concen: 40.36 ng  
RT: 13.25 min Scan# 1772  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 196     | 104929 |       |       |
| 198     | 94.8   | 75.2  | 112.8 |
| 97      | 45.3   | 34.2  | 51.2  |
| 132     | 24.7   | 21.8  | 32.6  |

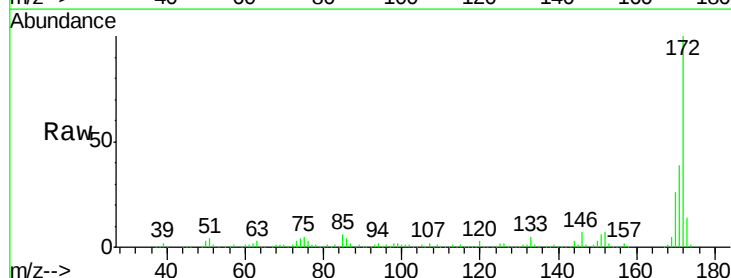


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BG  
Ion 132.00 (131.70 to 132.70): E

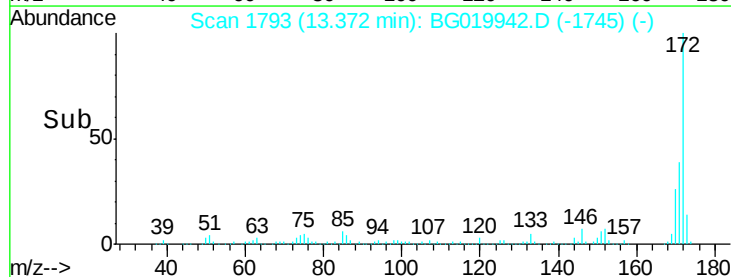
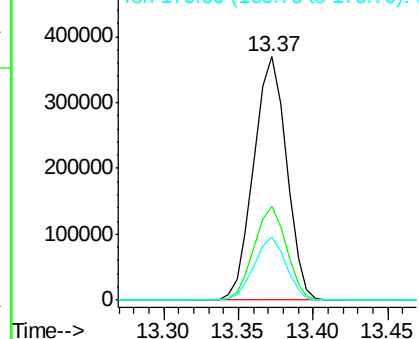


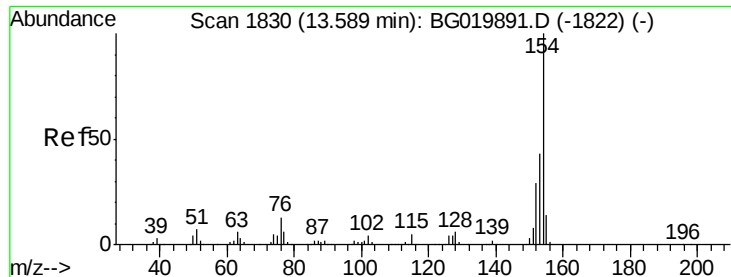
#44  
2-Fluorobiphenyl  
Concen: 78.27 ng  
RT: 13.37 min Scan# 1793  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 172     | 561300 |       |       |
| 171     | 38.5   | 29.0  | 43.6  |
| 170     | 25.7   | 19.9  | 29.9  |



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

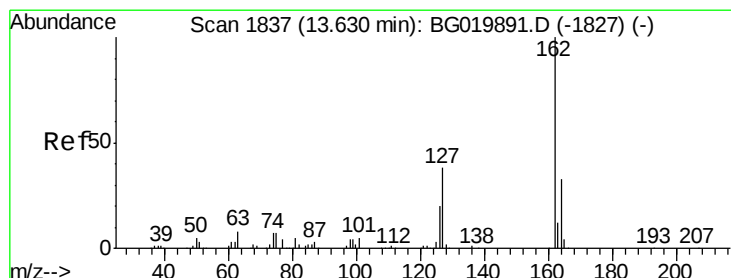
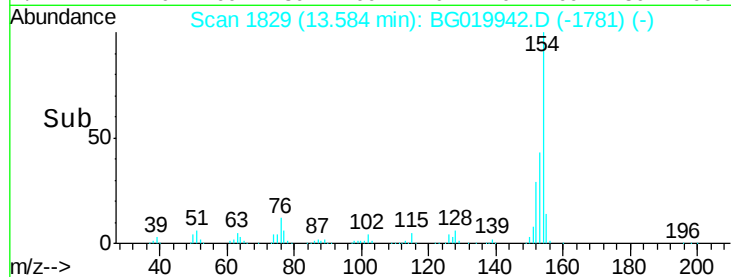
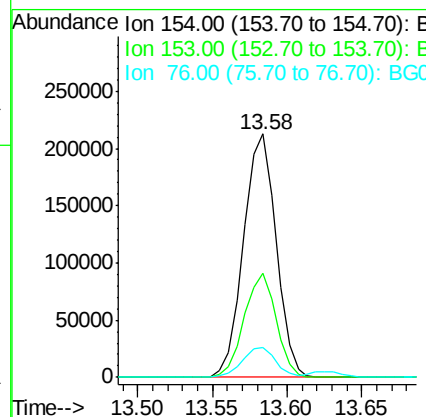
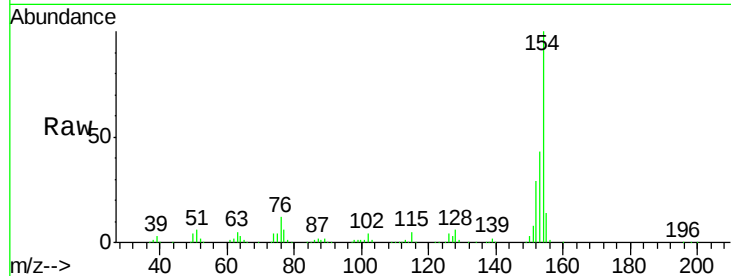




#45  
 1,1'-Biphenyl  
 Concen: 40.01 ng  
 RT: 13.58 min Scan# 1829  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

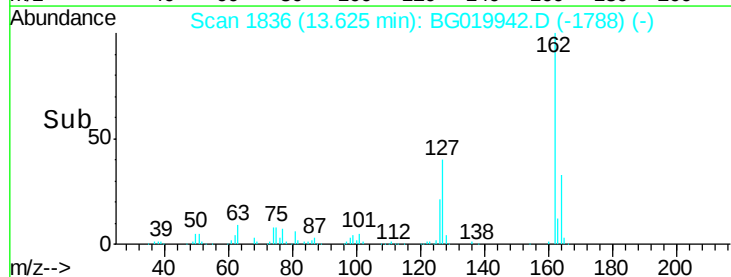
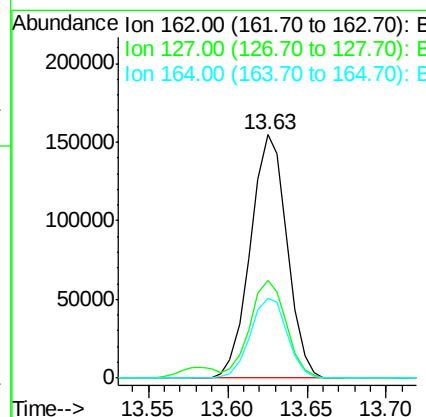
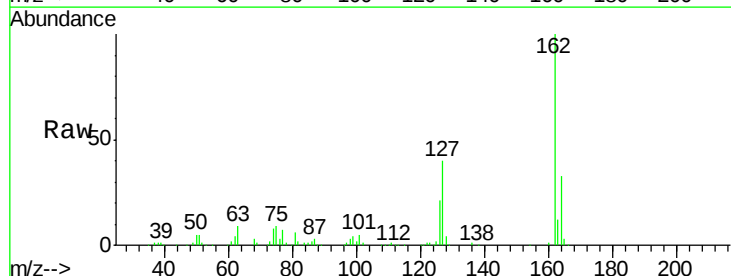
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

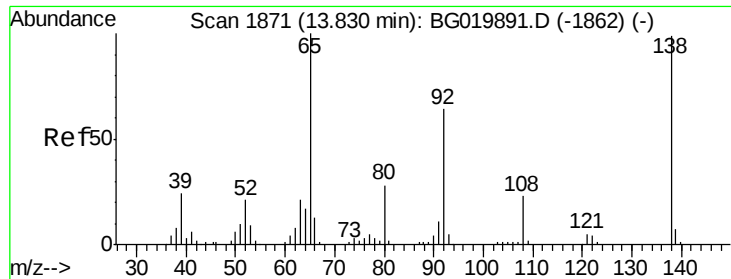
Tgt Ion:154 Resp: 321536  
 Ion Ratio Lower Upper  
 154 100  
 153 42.7 21.9 61.9  
 76 12.3 0.0 33.2



#46  
 2-Chloronaphthalene  
 Concen: 40.04 ng  
 RT: 13.63 min Scan# 1836  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion:162 Resp: 248042  
 Ion Ratio Lower Upper  
 162 100  
 127 39.9 28.3 42.5  
 164 32.6 27.4 41.0

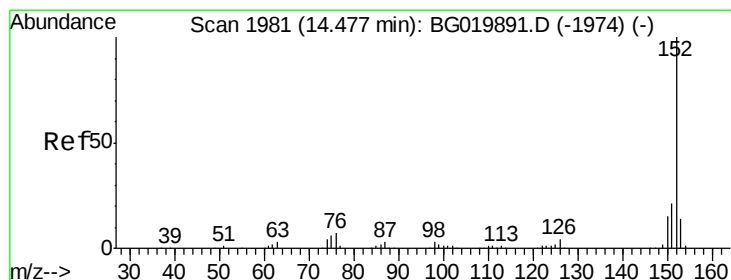
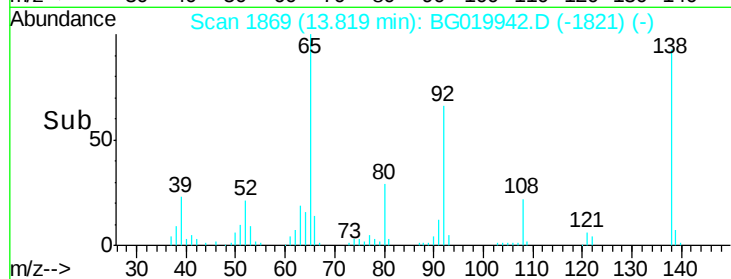
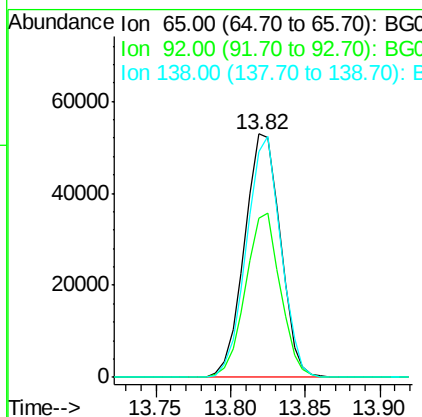
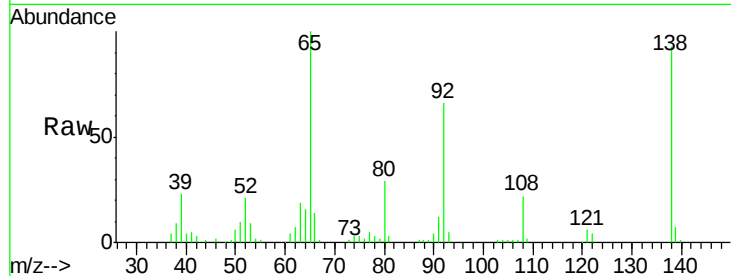




#47  
2-Nitroaniline  
Concen: 44.86 ng  
RT: 13.82 min Scan# 1869  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

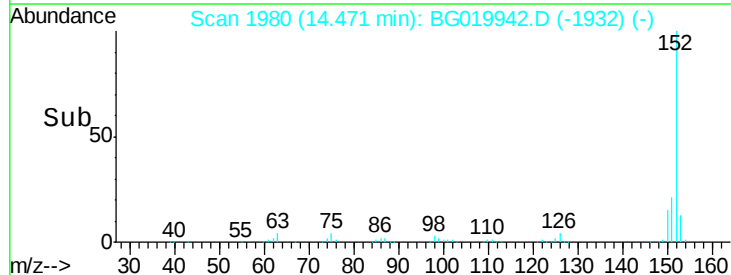
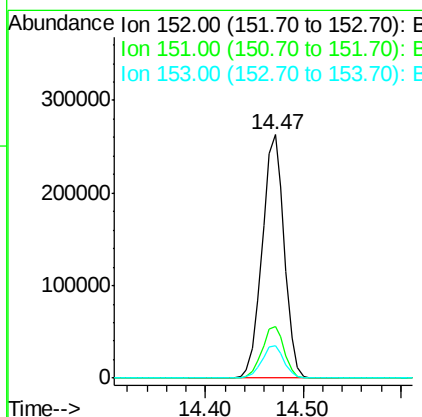
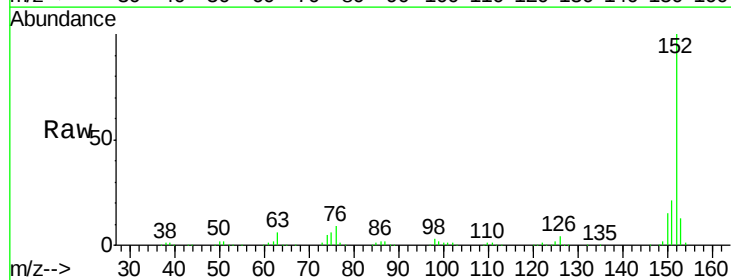
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

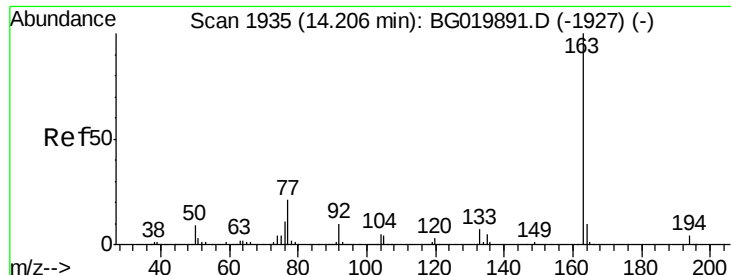
Tgt Ion: 65 Resp: 87756  
Ion Ratio Lower Upper  
65 100  
92 65.6 54.8 82.2  
138 92.6 89.6 134.4



#48  
Acenaphthylene  
Concen: 39.52 ng  
RT: 14.47 min Scan# 1980  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Tgt Ion: 152 Resp: 416948  
Ion Ratio Lower Upper  
152 100  
151 21.3 17.0 25.4  
153 13.3 10.4 15.6





#49

Dimethylphthalate

Concen: 38.39 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

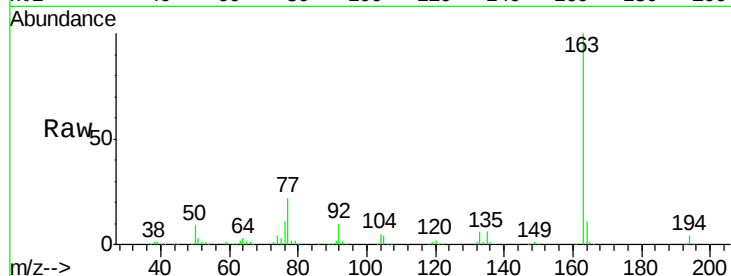
Tgt Ion:163 Resp: 338141

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

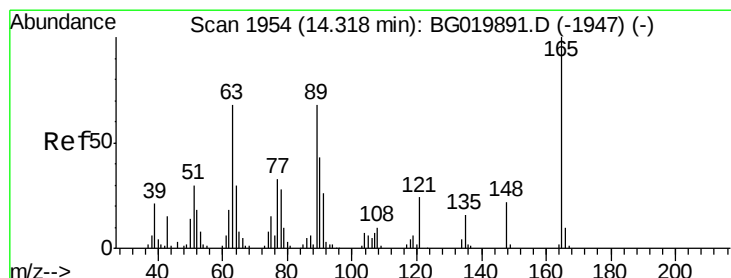
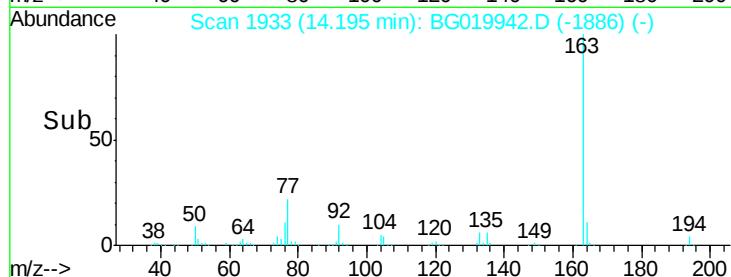
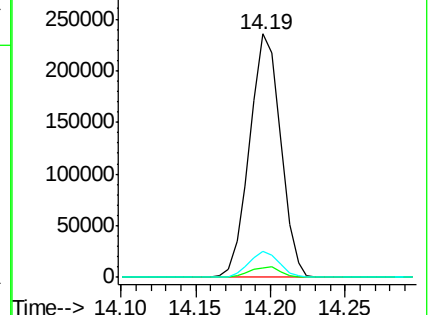
164 10.5 8.8 13.2



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



#50

2,6-Dinitrotoluene

Concen: 43.40 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

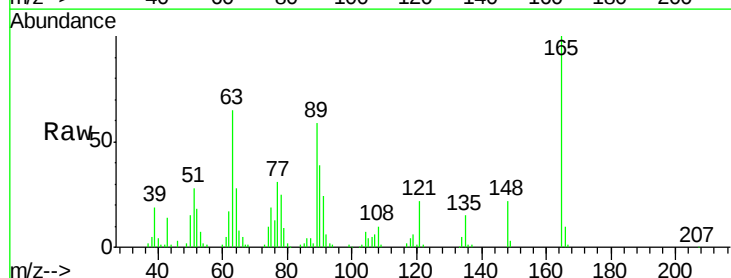
Tgt Ion:165 Resp: 71869

Ion Ratio Lower Upper

165 100

63 64.7 35.7 53.5#

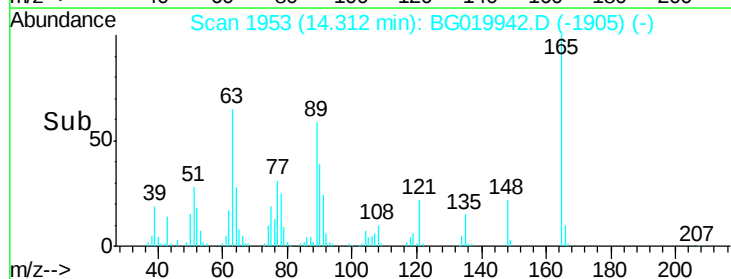
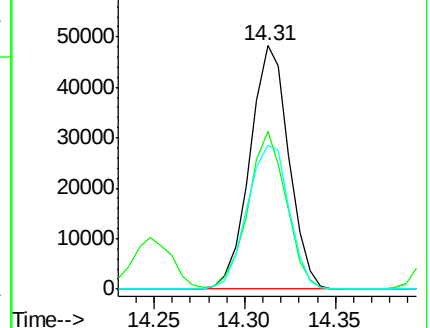
89 59.1 39.7 59.5

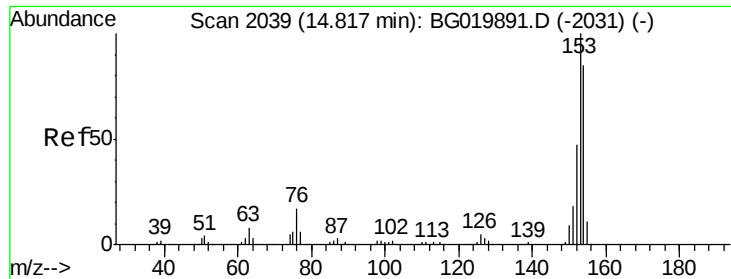


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.84 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

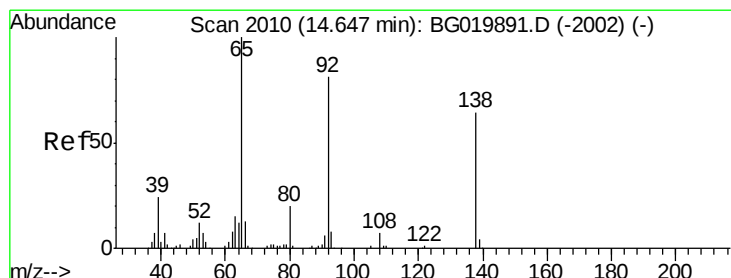
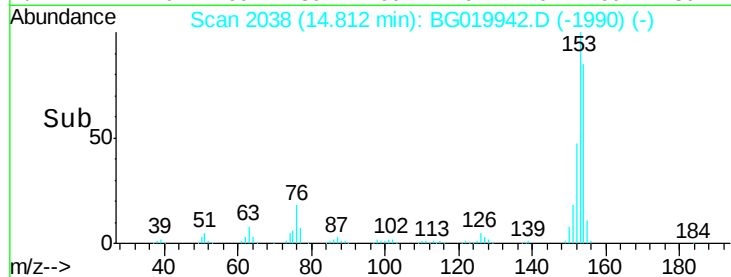
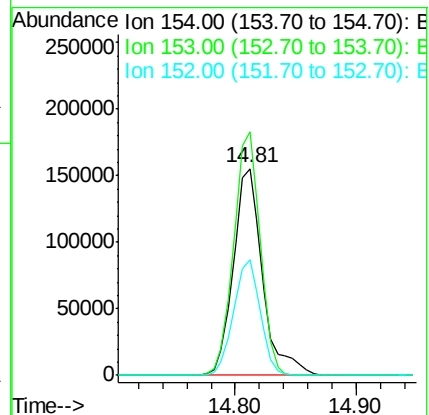
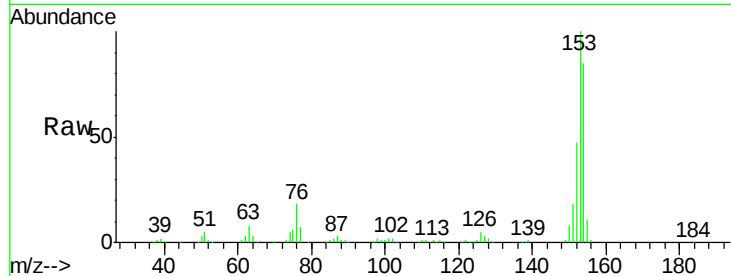
Tgt Ion:154 Resp: 261455

Ion Ratio Lower Upper

154 100

153 117.8 92.9 139.3

152 55.6 45.8 68.8



#52

3-Nitroaniline

Concen: 44.42 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

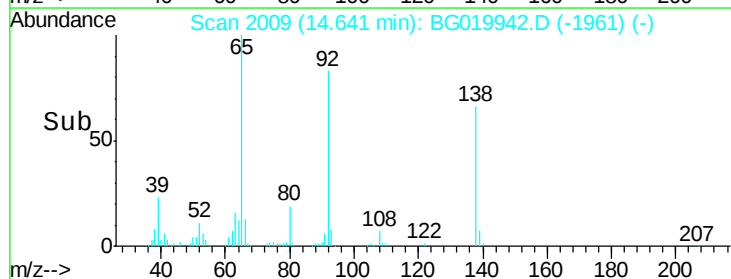
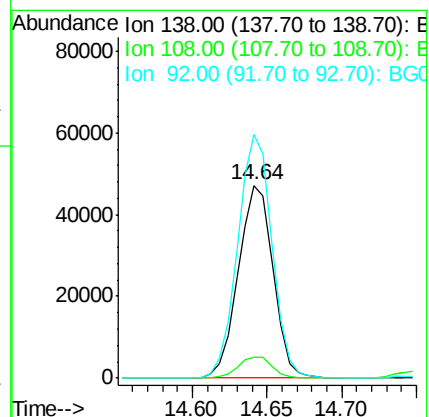
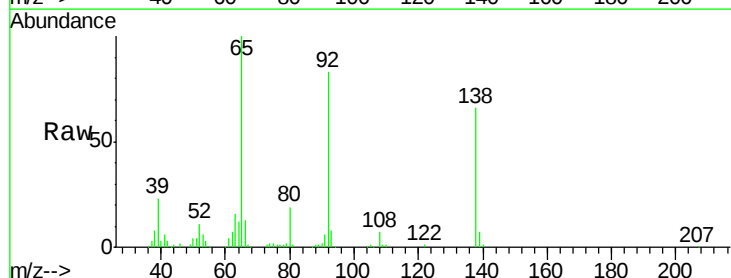
Tgt Ion:138 Resp: 76422

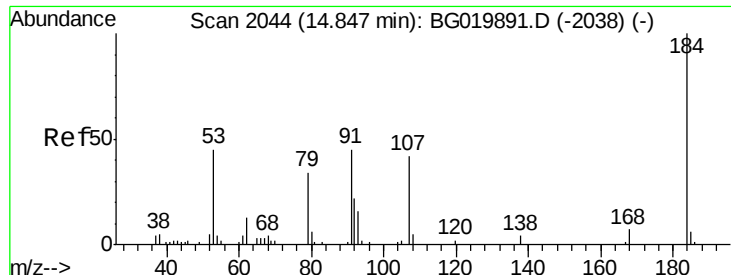
Ion Ratio Lower Upper

138 100

108 10.9 7.9 11.9

92 126.3 94.2 141.4

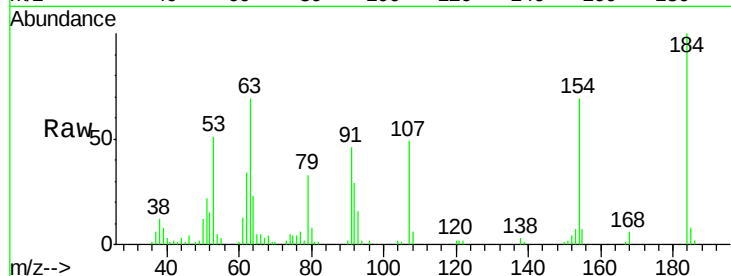




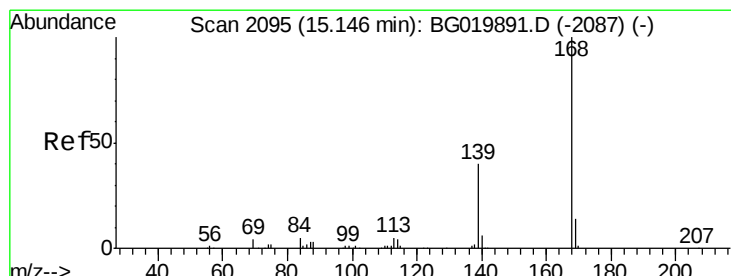
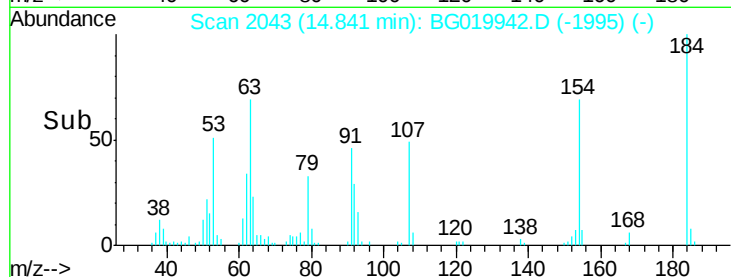
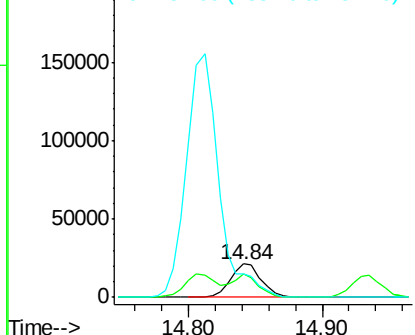
#53  
 2,4-Dinitrophenol  
 Concen: 44.24 ng  
 RT: 14.84 min Scan# 2043  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:184 Resp: 34857  
 Ion Ratio Lower Upper  
 184 100  
 63 69.2 42.7 64.1#  
 154 69.5 44.3 66.5#

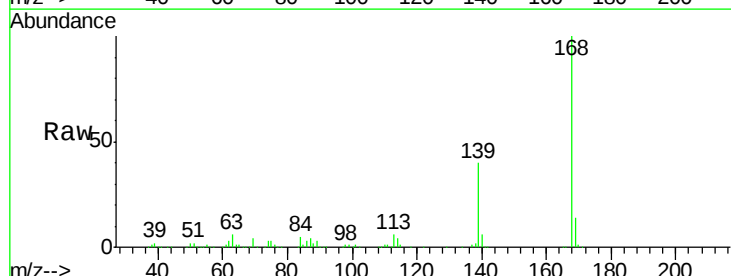


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 154.00 (153.70 to 154.70): E

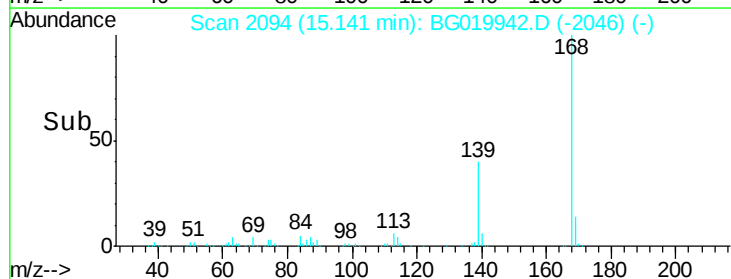
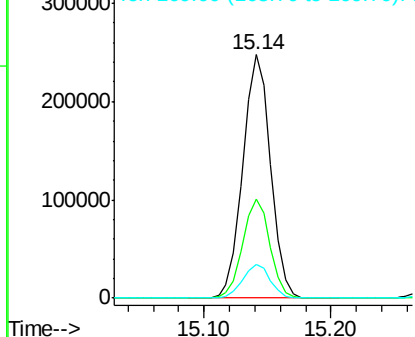


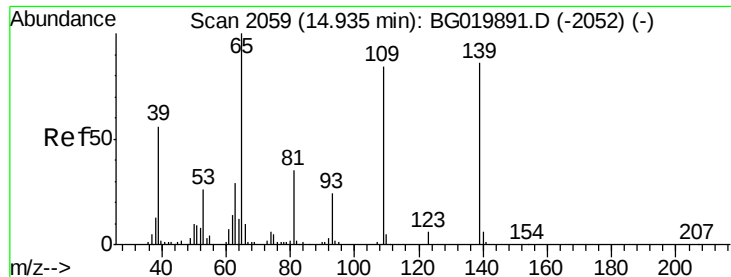
#54  
 Dibenzofuran  
 Concen: 39.30 ng  
 RT: 15.14 min Scan# 2094  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion:168 Resp: 374264  
 Ion Ratio Lower Upper  
 168 100  
 139 40.4 27.4 41.0  
 169 13.7 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 42.56 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

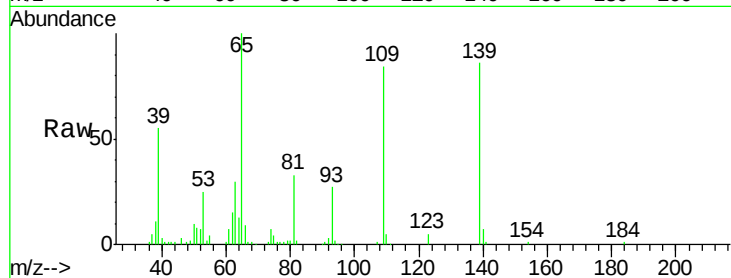
Tgt Ion:139 Resp: 63774

Ion Ratio Lower Upper

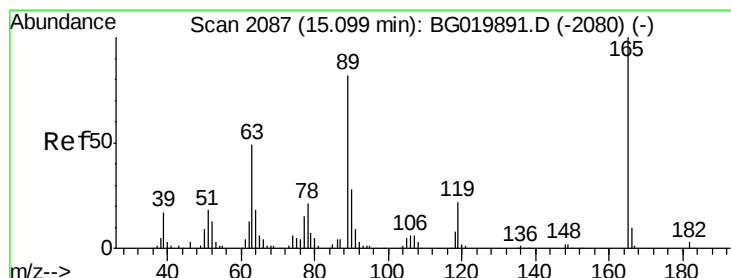
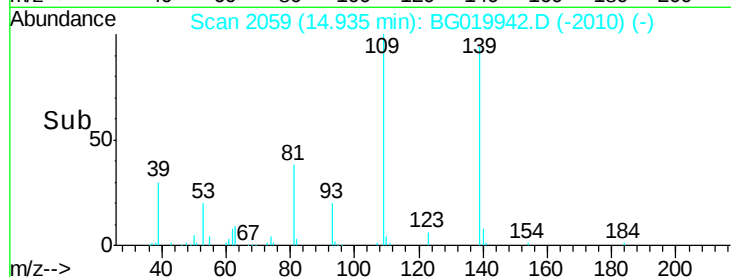
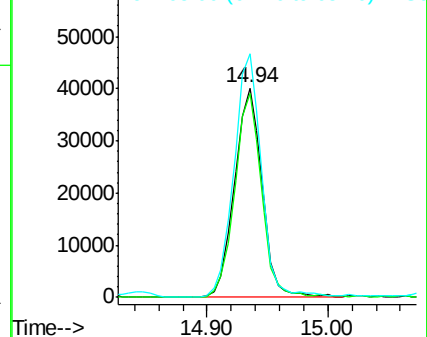
139 100

109 97.5 43.2 83.2#

65 116.4 67.8 107.8#



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



#56

2,4-Dinitrotoluene

Concen: 45.54 ng

RT: 15.09 min Scan# 2086

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Tgt Ion:165 Resp: 105219

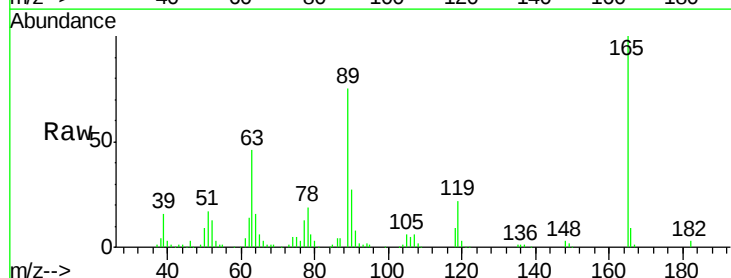
Ion Ratio Lower Upper

165 100

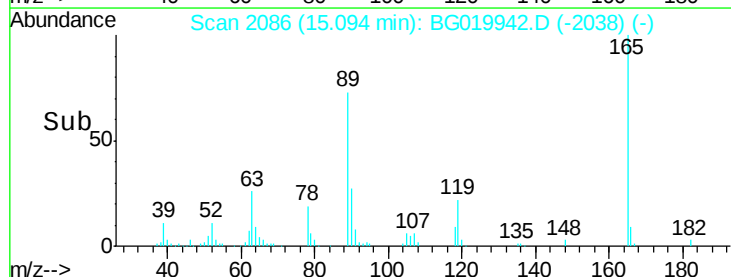
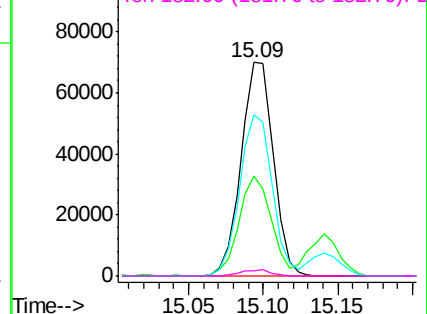
63 46.5 31.0 46.4#

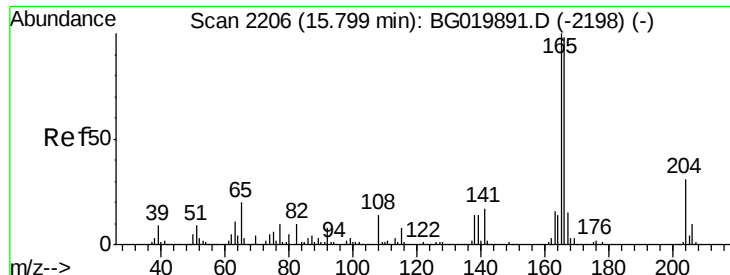
89 75.3 54.4 81.6

182 2.7 1.6 2.4#



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  
Ion 182.00 (181.70 to 182.70): E

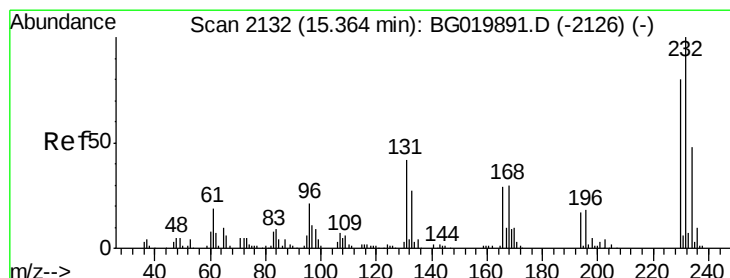
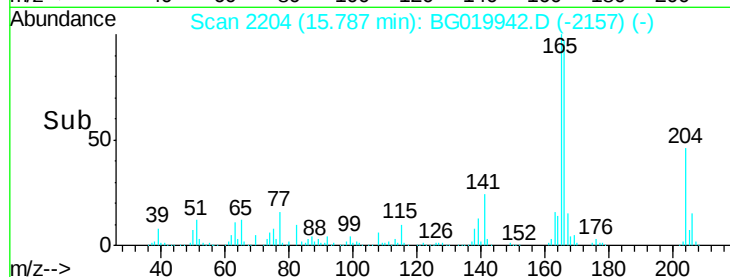
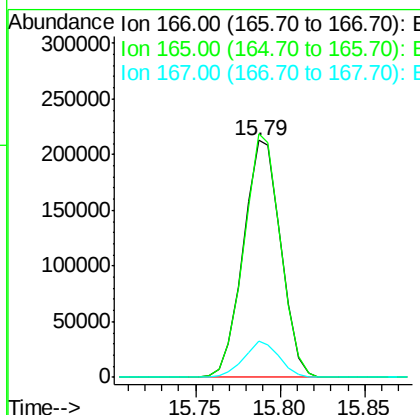
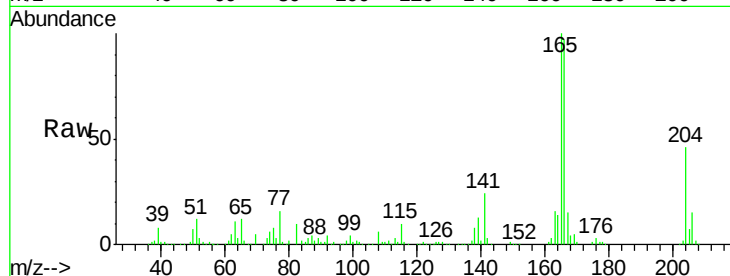




#57  
 Fluorene  
 Concen: 38.34 ng  
 RT: 15.79 min Scan# 2204  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

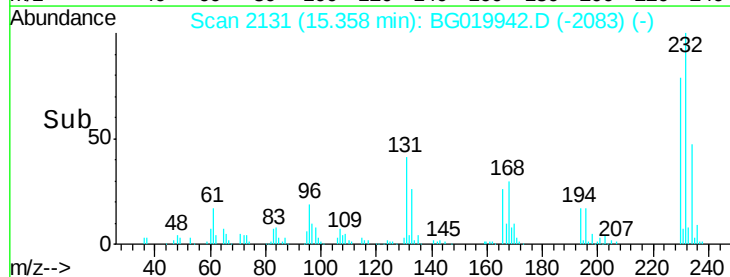
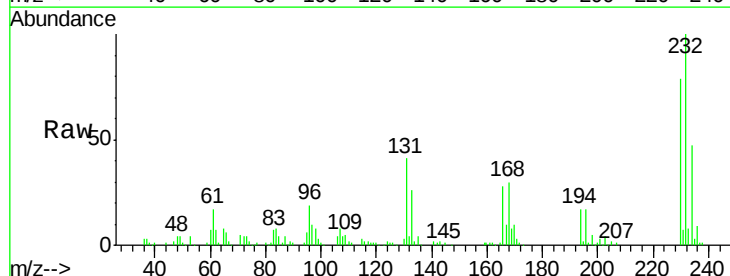
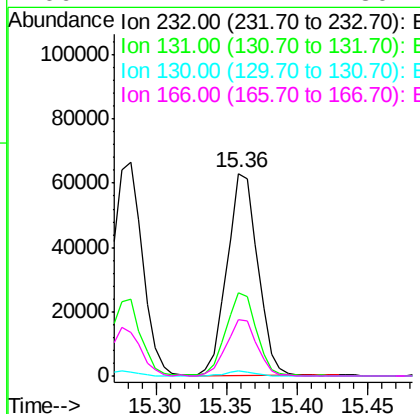
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

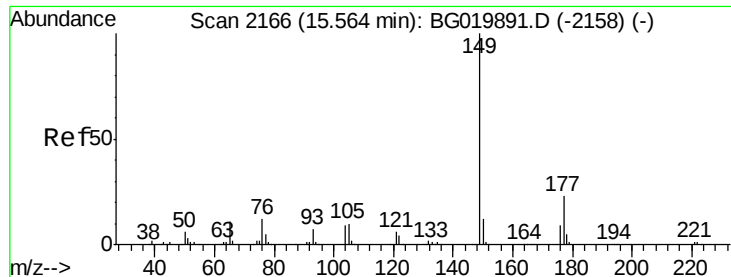
Tgt Ion:166 Resp: 326793  
 Ion Ratio Lower Upper  
 166 100  
 165 102.8 80.0 120.0  
 167 15.1 11.1 16.7



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.66 ng  
 RT: 15.36 min Scan# 2131  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion:232 Resp: 95440  
 Ion Ratio Lower Upper  
 232 100  
 131 41.0 33.0 49.6  
 130 2.3 2.0 3.0  
 166 27.7 24.1 36.1

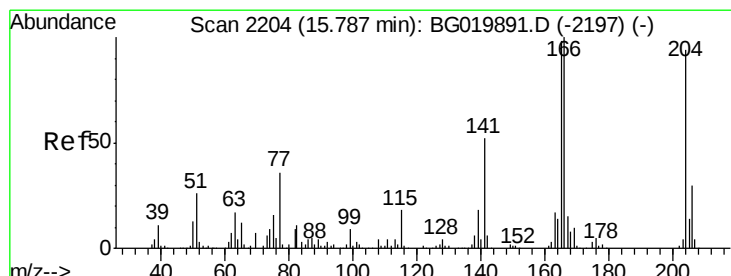
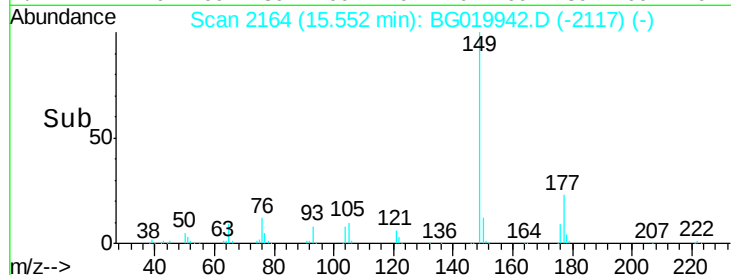
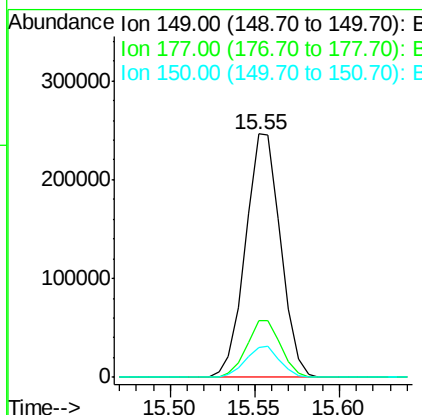
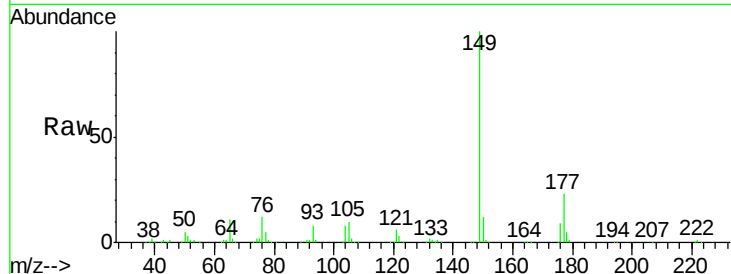




#59  
Diethylphthalate  
Concen: 37.29 ng  
RT: 15.55 min Scan# 2164  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

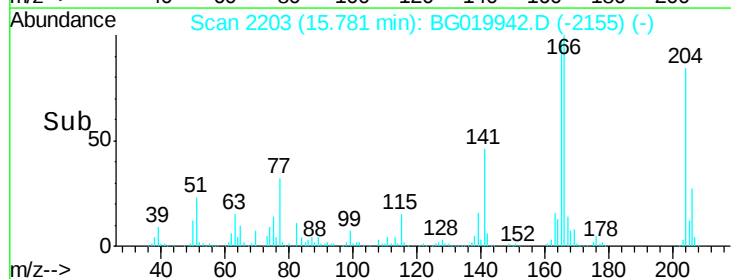
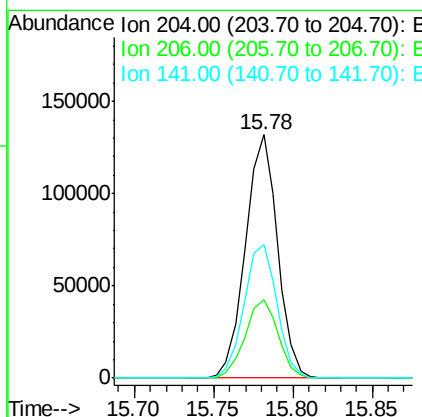
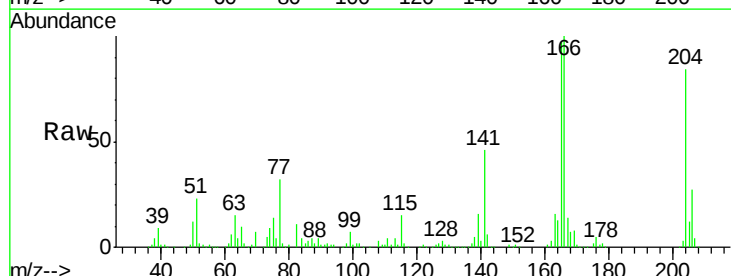
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

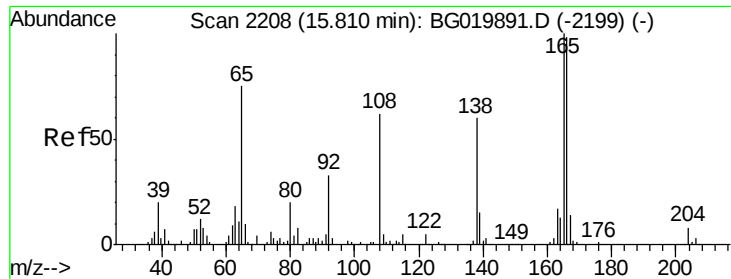
Tgt Ion:149 Resp: 355446  
Ion Ratio Lower Upper  
149 100  
177 23.4 19.6 29.4  
150 12.4 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 37.82 ng  
RT: 15.78 min Scan# 2203  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Tgt Ion:204 Resp: 185101  
Ion Ratio Lower Upper  
204 100  
206 32.1 28.3 42.5  
141 54.7 44.0 66.0

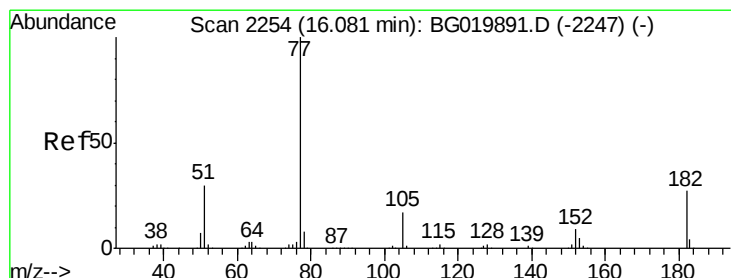
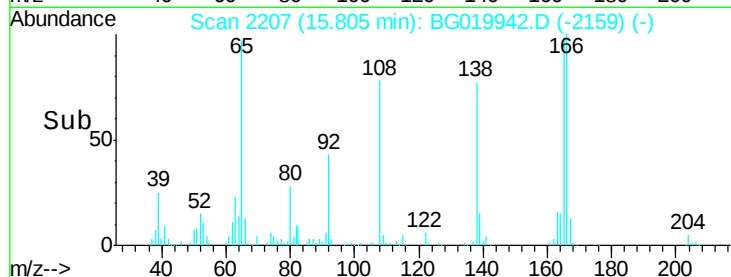
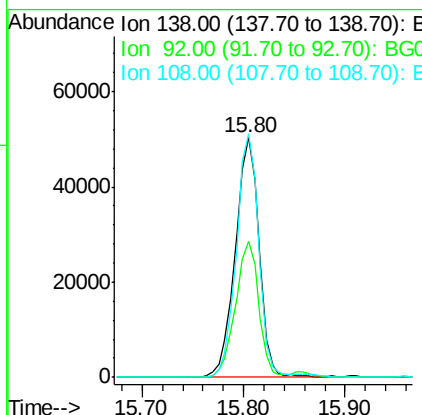
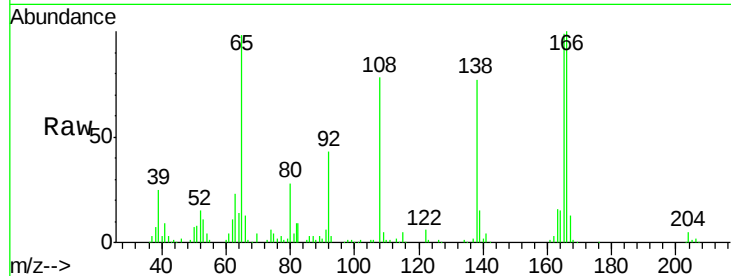




#61  
4-Nitroaniline  
Concen: 42.43 ng  
RT: 15.80 min Scan# 2207  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

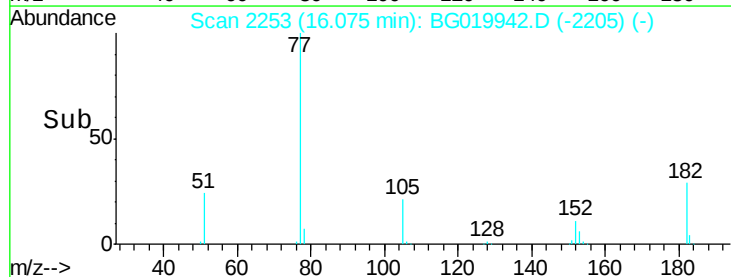
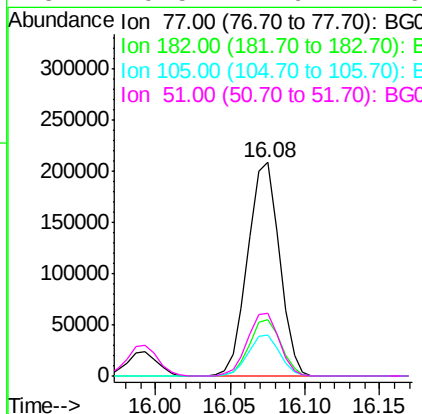
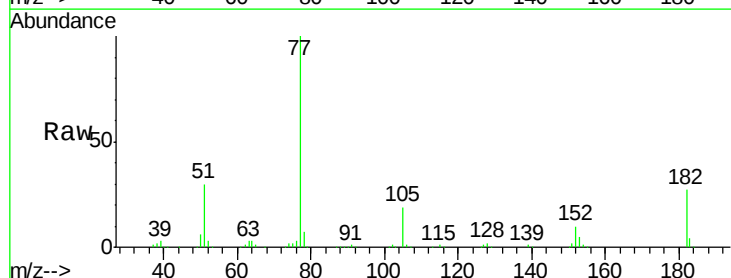
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

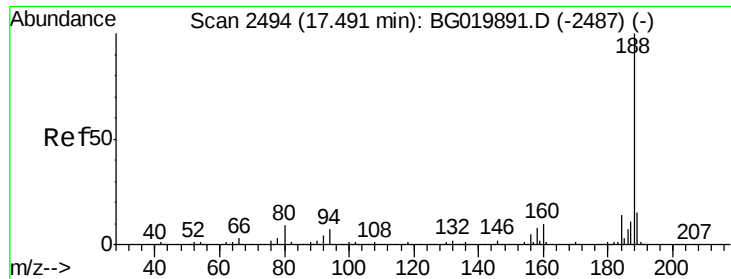
Tgt Ion:138 Resp: 82099  
Ion Ratio Lower Upper  
138 100  
92 56.7 29.1 69.1  
108 101.8 49.8 89.8#



#62  
Azobenzene  
Concen: 38.60 ng  
RT: 16.08 min Scan# 2253  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Tgt Ion: 77 Resp: 306155  
Ion Ratio Lower Upper  
77 100  
182 26.6 7.0 47.0  
105 19.1 1.4 41.4  
51 29.5 4.9 44.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

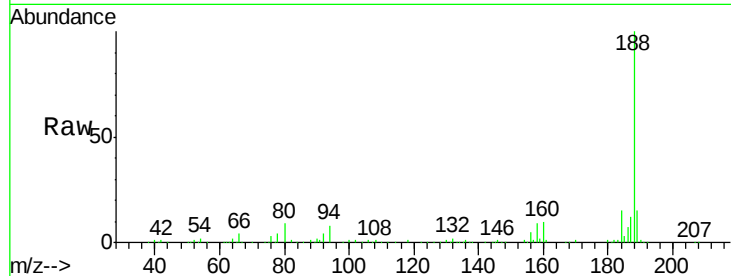
Tgt Ion:188 Resp: 248593

Ion Ratio Lower Upper

188 100

94 7.9 7.7 11.5

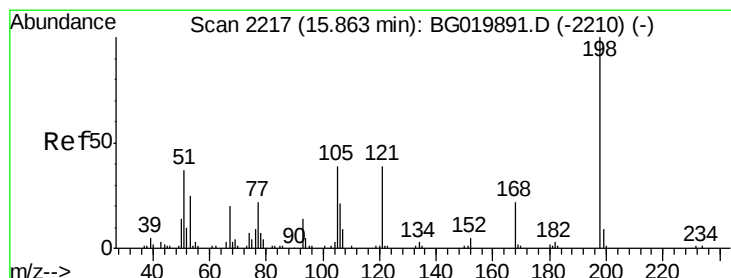
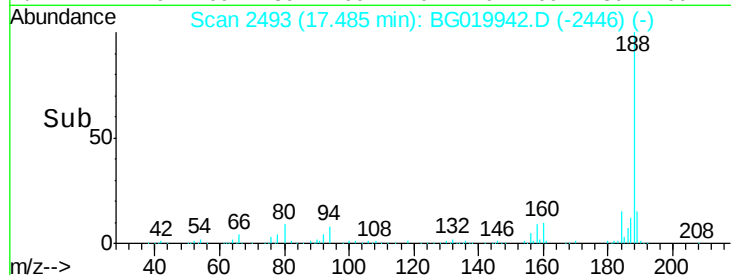
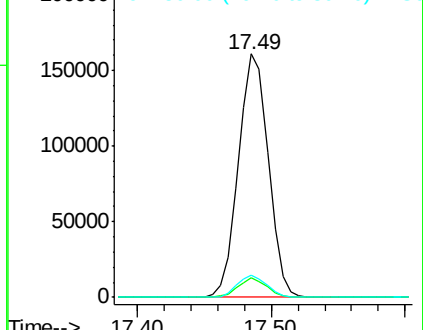
80 9.2 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.85 ng

RT: 15.86 min Scan# 2216

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

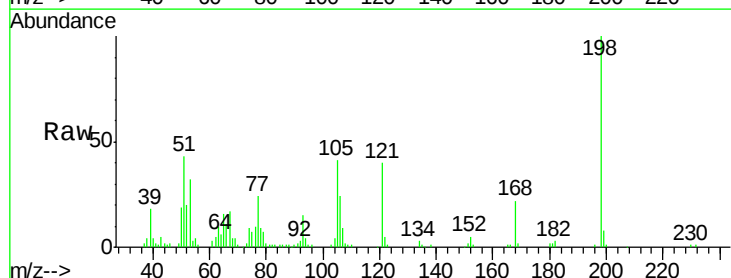
Tgt Ion:198 Resp: 61997

Ion Ratio Lower Upper

198 100

51 42.7 14.2 54.2

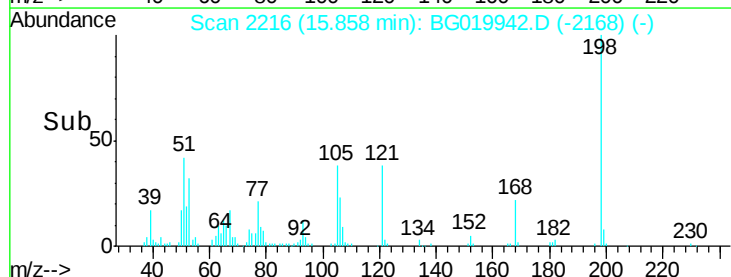
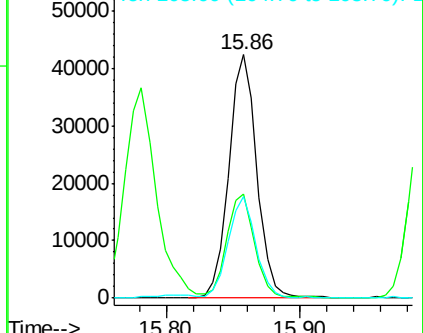
105 41.5 21.1 61.1

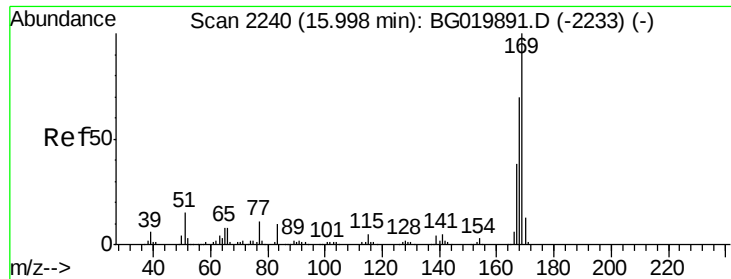


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

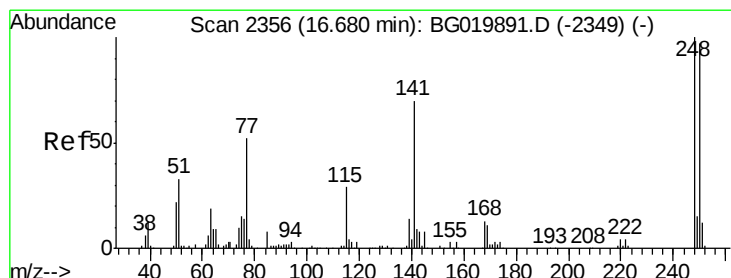
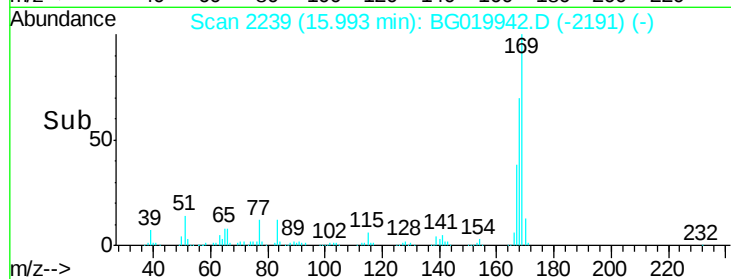
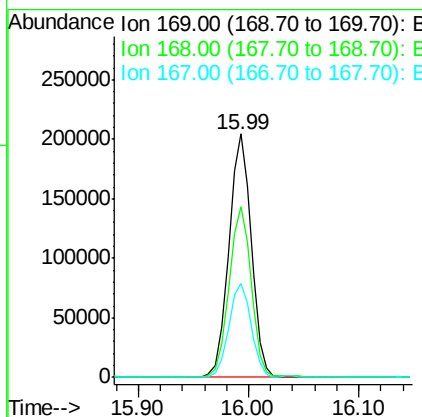
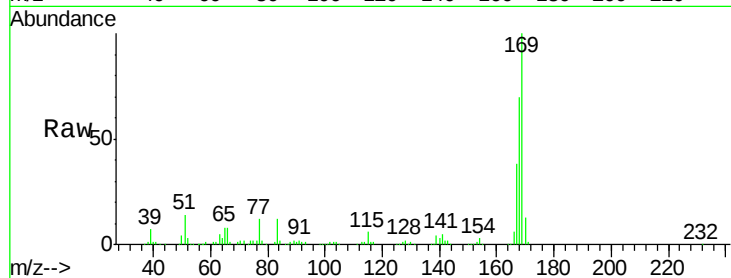




#65  
 n-Nitrosodiphenylamine  
 Concen: 40.34 ng  
 RT: 15.99 min Scan# 2239  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

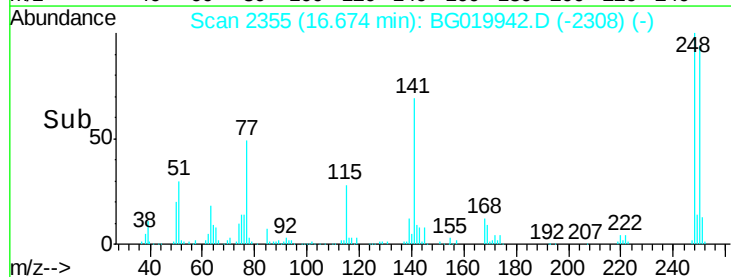
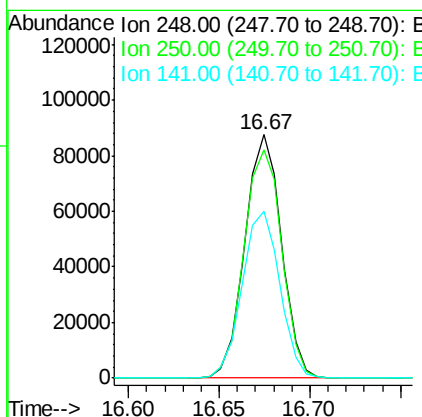
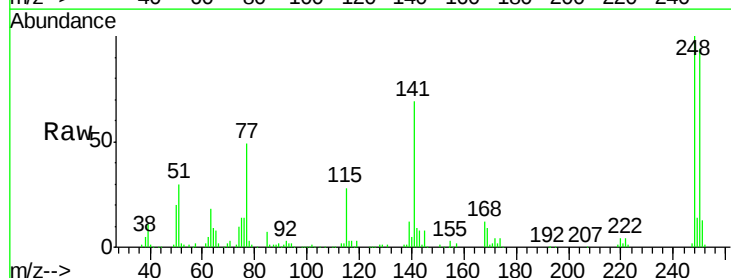
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

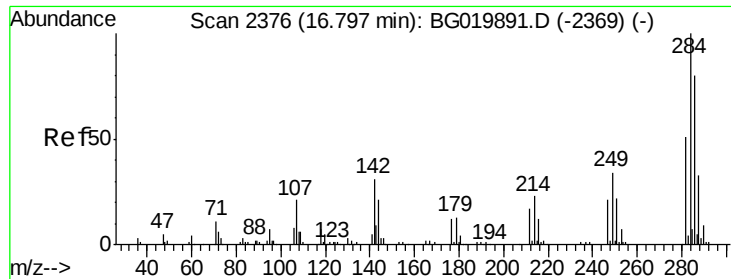
Tgt Ion:169 Resp: 290204  
 Ion Ratio Lower Upper  
 169 100  
 168 70.1 58.2 87.2  
 167 38.3 32.7 49.1



#66  
 4-Bromophenyl-phenylether  
 Concen: 39.84 ng  
 RT: 16.67 min Scan# 2355  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion:248 Resp: 123061  
 Ion Ratio Lower Upper  
 248 100  
 250 93.9 77.8 116.8  
 141 68.6 50.4 75.6

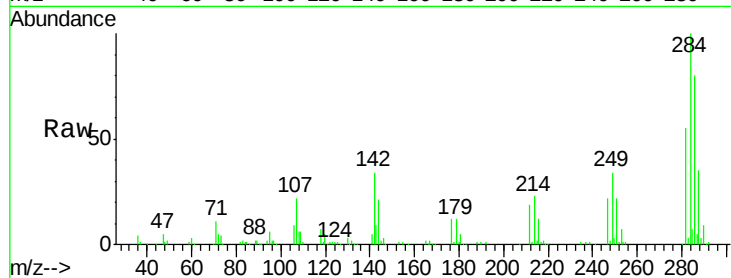




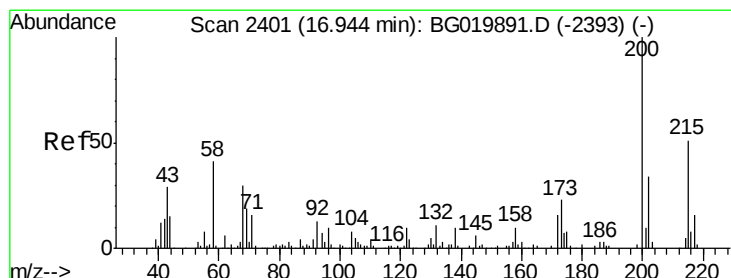
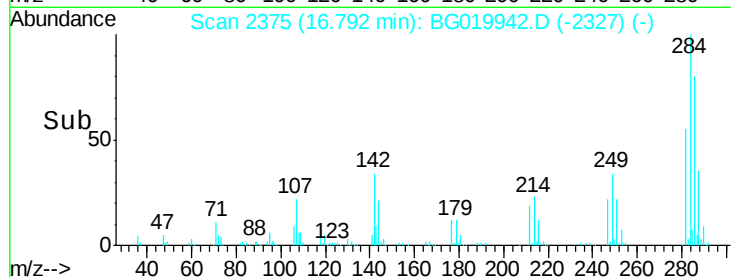
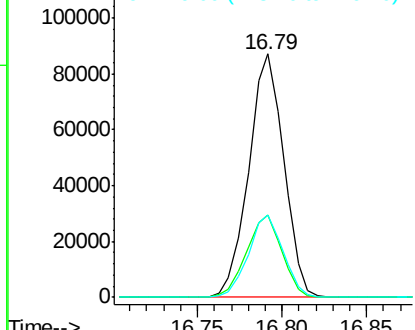
#67  
Hexachlorobenzene  
Concen: 39.25 ng  
RT: 16.79 min Scan# 2375  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.7  | 26.6  | 39.8  |
| 249     | 36.4  | 26.2  | 39.2  |

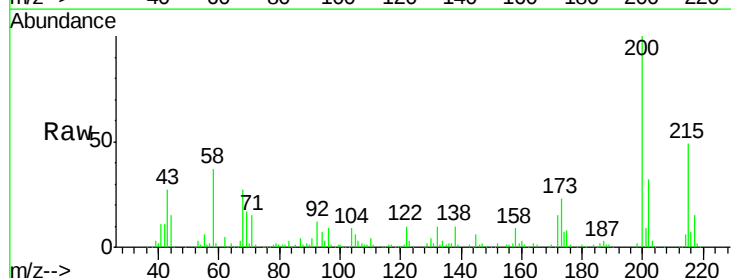


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

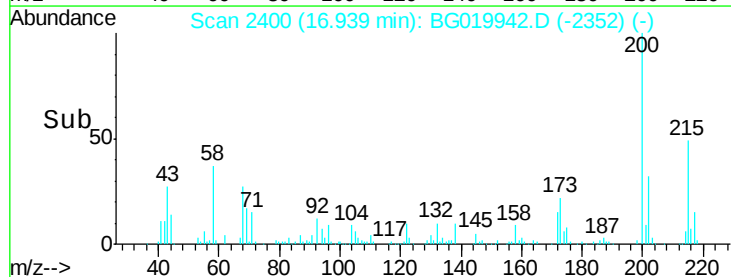
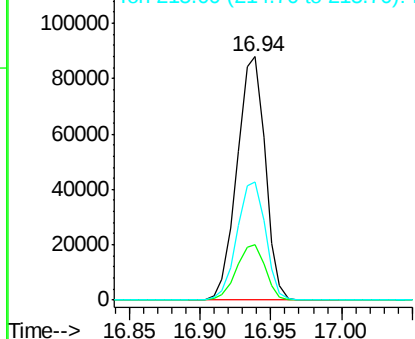


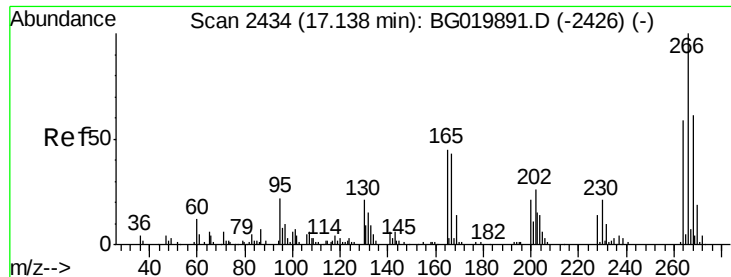
#68  
Atrazine  
Concen: 39.11 ng  
RT: 16.94 min Scan# 2400  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.5  | 5.2   | 45.2  |
| 215     | 48.5  | 27.0  | 67.0  |



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

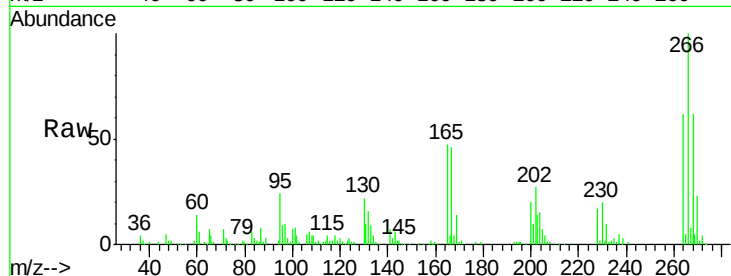




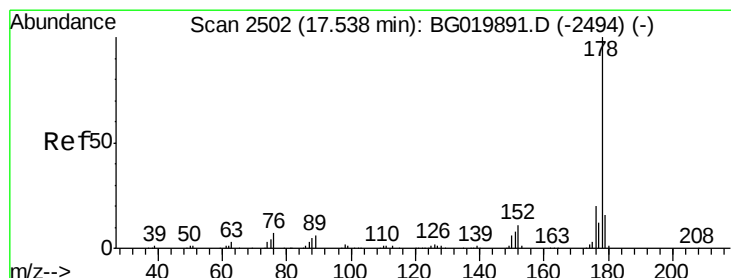
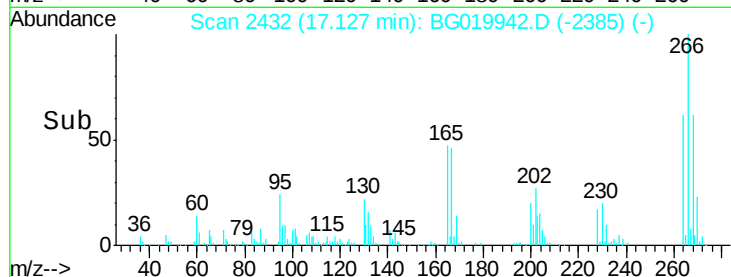
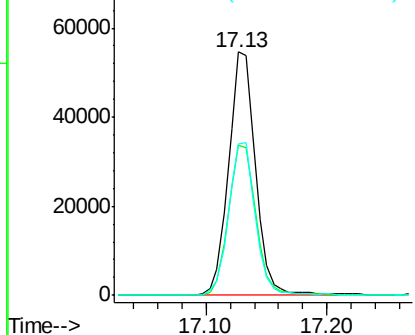
#69  
 Pentachlorophenol  
 Concen: 45.07 ng  
 RT: 17.13 min Scan# 2432  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 266 Resp: 84640  
 Ion Ratio Lower Upper  
 266 100  
 268 66.5 47.6 71.4  
 264 62.1 48.1 72.1

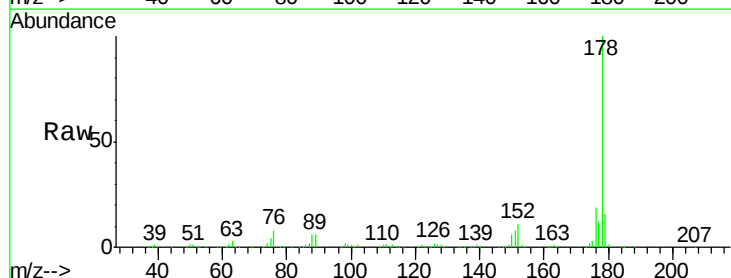


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

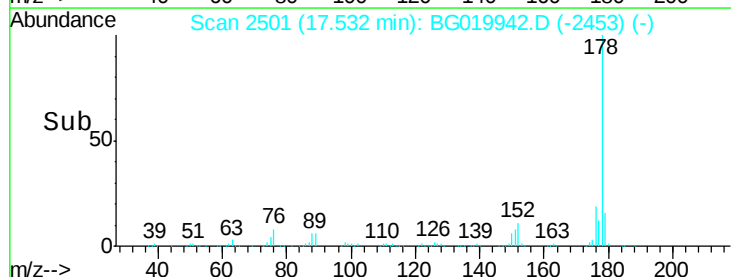
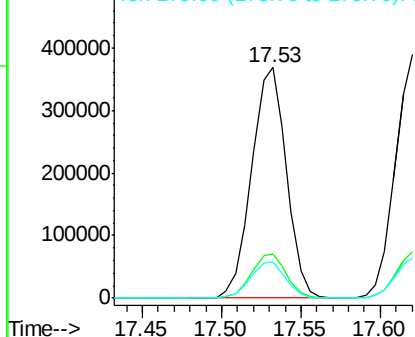


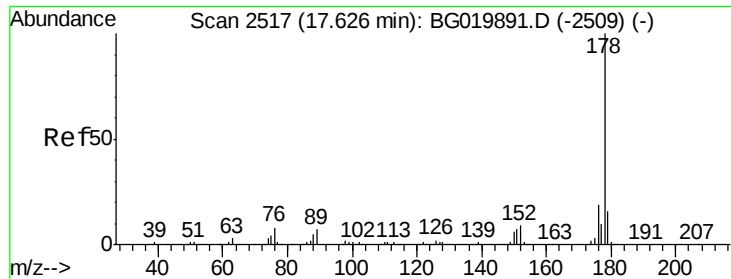
#70  
 Phenanthrene  
 Concen: 39.85 ng  
 RT: 17.53 min Scan# 2501  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion: 178 Resp: 560497  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 16.7 25.1  
 179 15.7 13.9 20.9



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

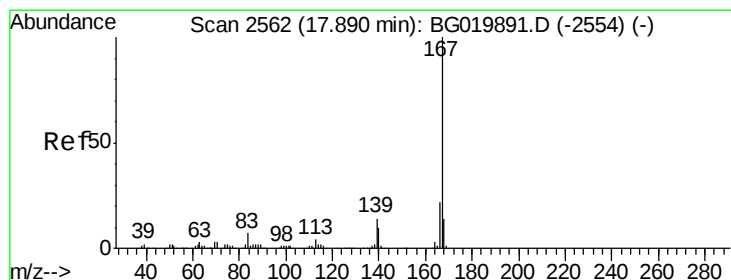
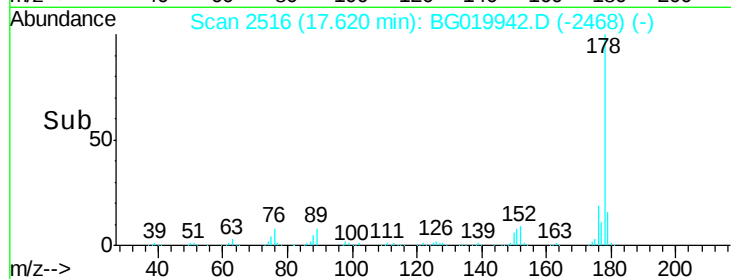
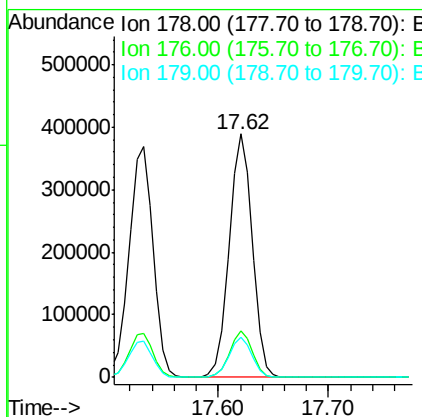
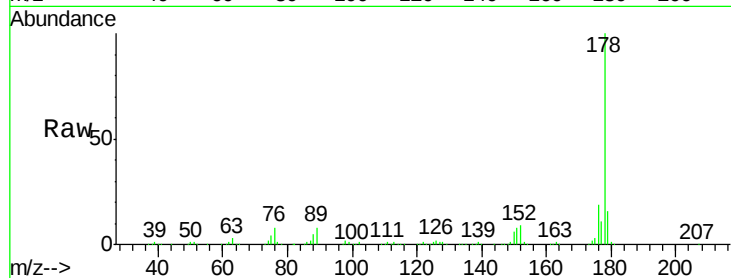




#71  
 Anthracene  
 Concen: 39.86 ng  
 RT: 17.62 min Scan# 2516  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

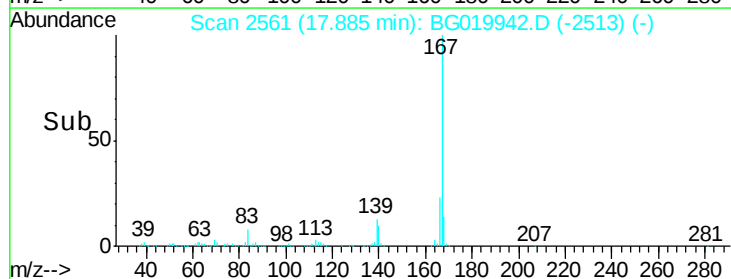
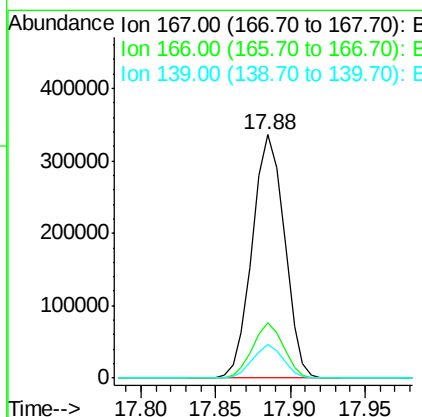
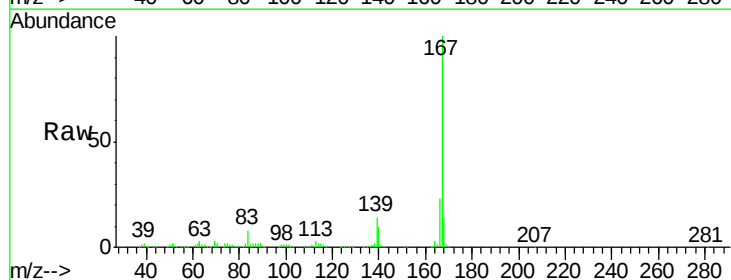
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

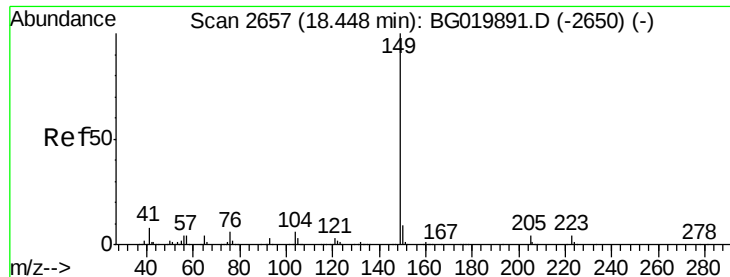
Tgt Ion:178 Resp: 571103  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 16.8 25.2  
 179 16.5 13.9 20.9



#72  
 Carbazole  
 Concen: 39.80 ng  
 RT: 17.88 min Scan# 2561  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion:167 Resp: 502279  
 Ion Ratio Lower Upper  
 167 100  
 166 23.0 19.0 28.6  
 139 13.7 10.2 15.4





#73

Di-n-butylphthalate

Concen: 39.92 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

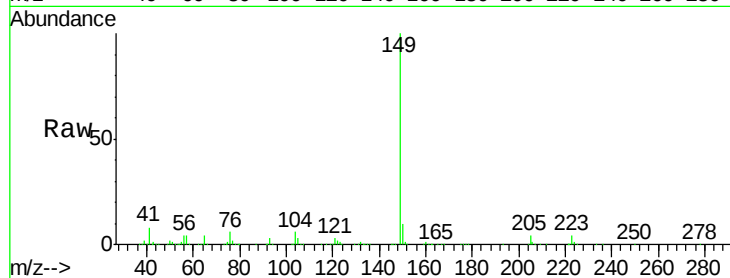
Tgt Ion:149 Resp: 617572

Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.4

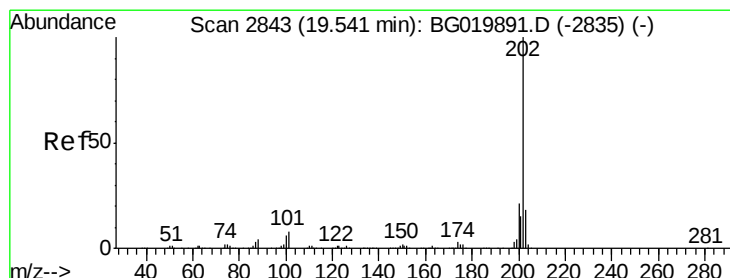
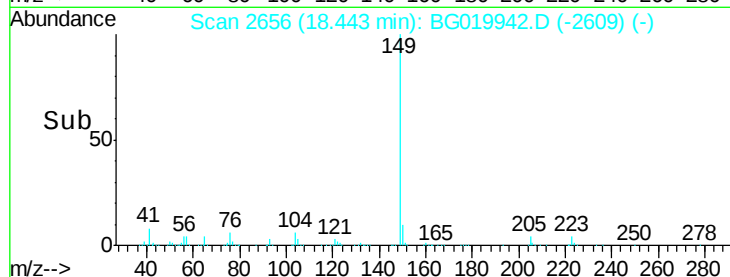
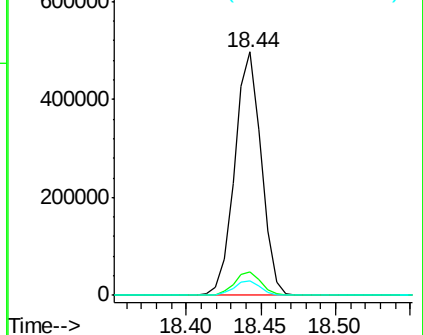
104 6.0 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.71 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BG019942.D

Acq: 5 Dec 2015 15:04

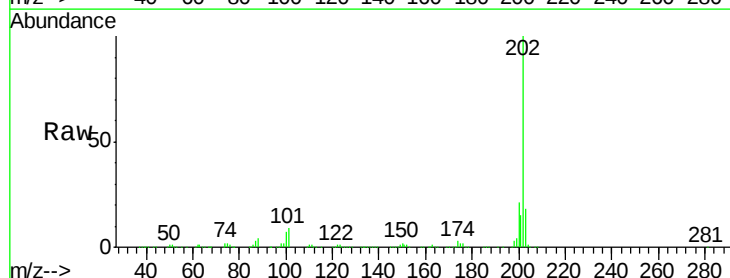
Tgt Ion:202 Resp: 714411

Ion Ratio Lower Upper

202 100

101 8.9 0.0 32.4

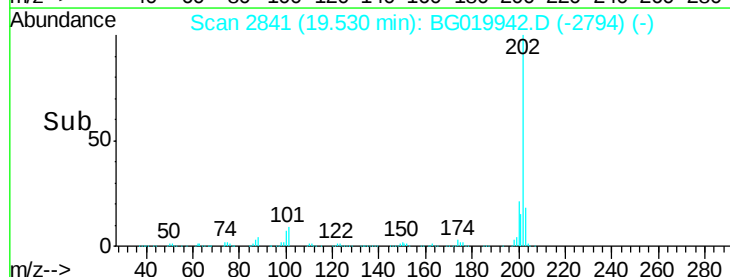
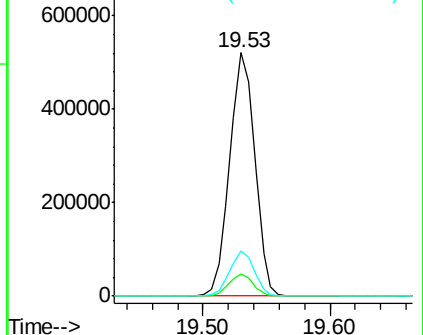
203 18.5 0.0 39.5

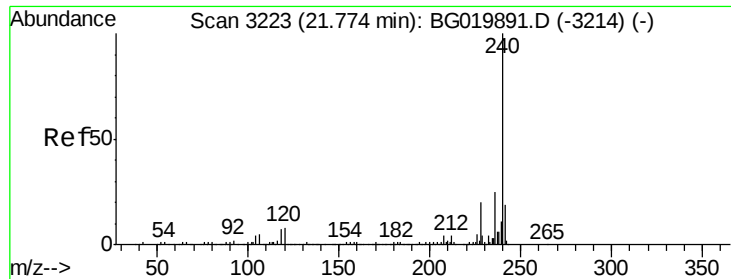


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

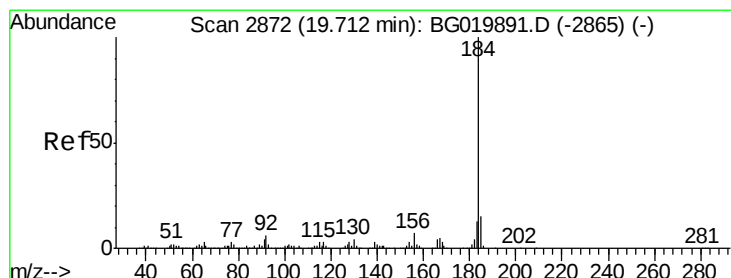
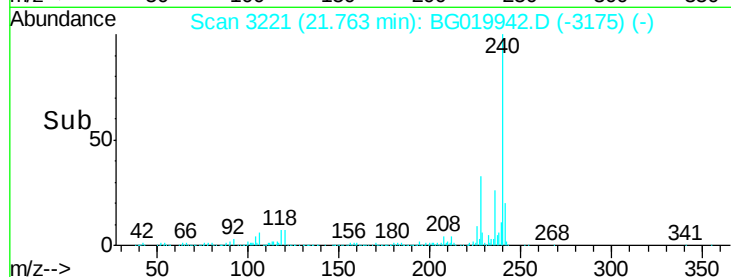
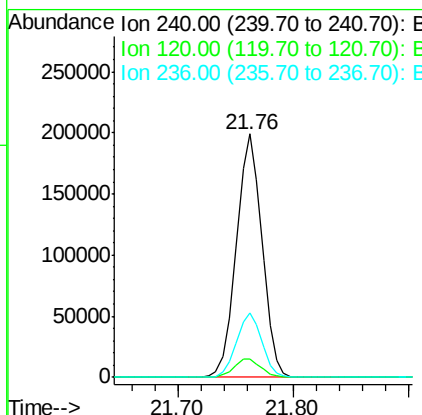
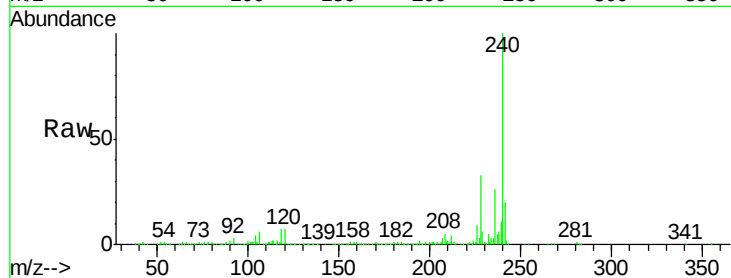




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.76 min Scan# 3221  
Delta R.T. -0.03 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

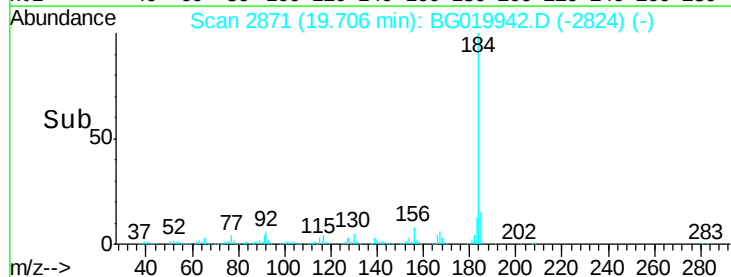
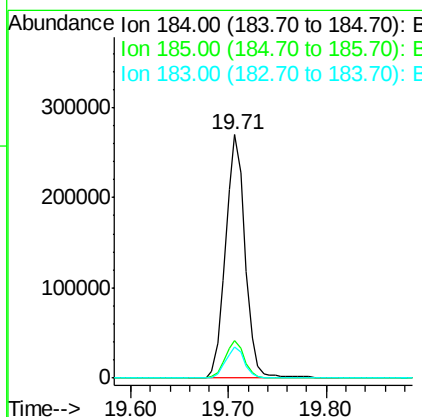
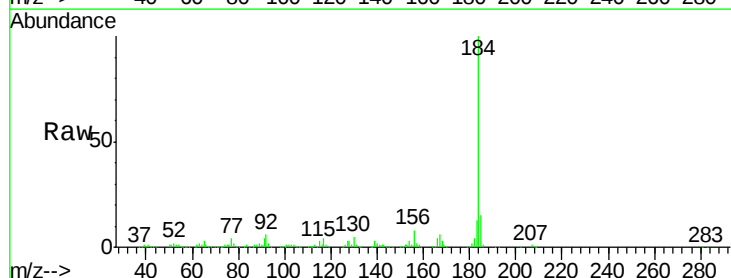
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

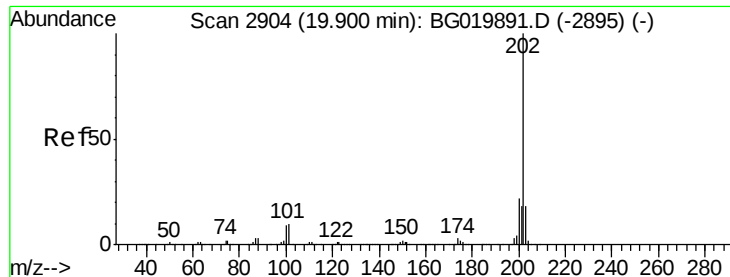
Tgt Ion:240 Resp: 305266  
Ion Ratio Lower Upper  
240 100  
120 7.4 7.4 11.0  
236 26.3 20.7 31.1



#76  
Benzidine  
Concen: 37.49 ng  
RT: 19.71 min Scan# 2871  
Delta R.T. -0.02 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

Tgt Ion:184 Resp: 375932  
Ion Ratio Lower Upper  
184 100  
185 15.4 13.4 20.2  
183 12.6 10.1 15.1

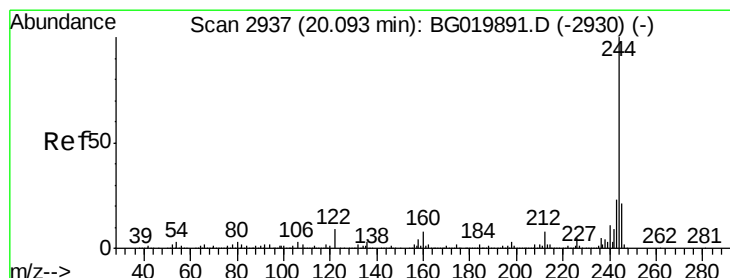
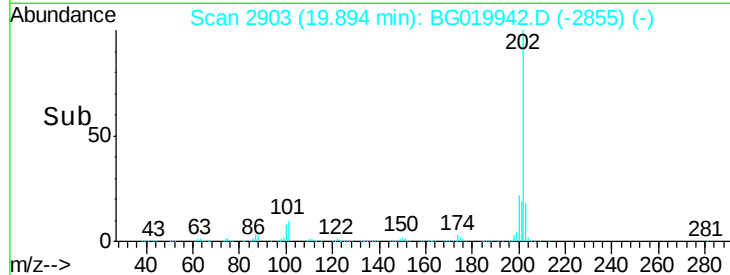
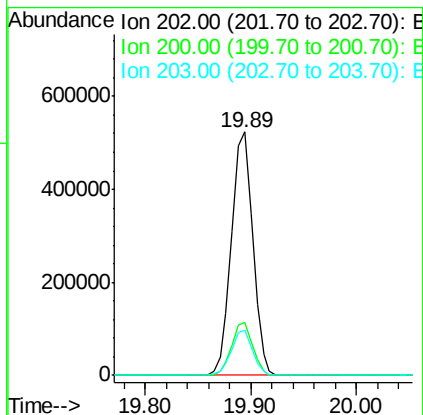
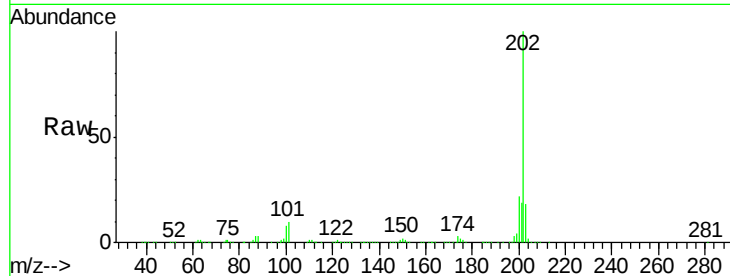




#77  
 Pyrene  
 Concen: 40.64 ng  
 RT: 19.89 min Scan# 2903  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

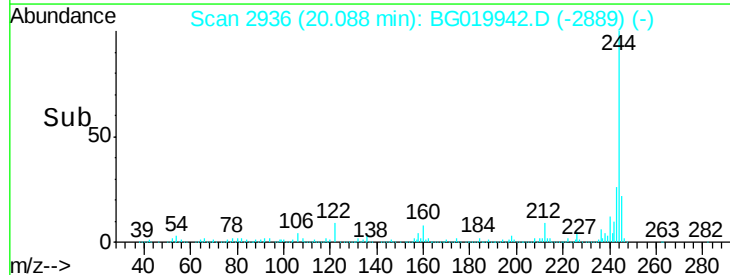
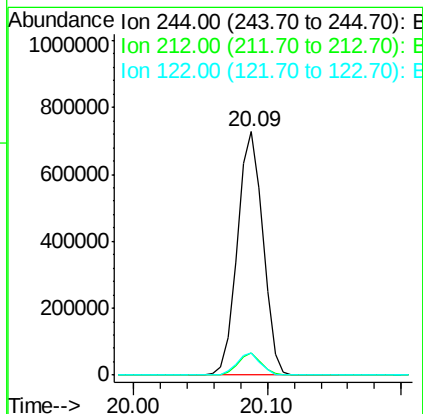
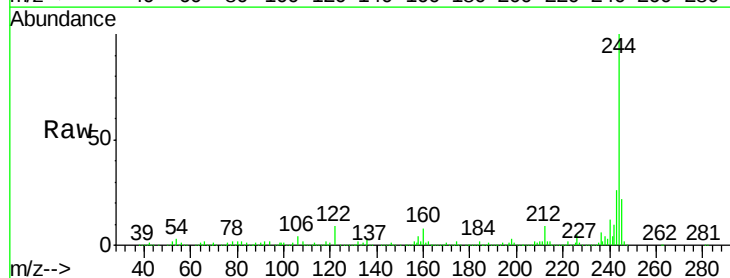
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

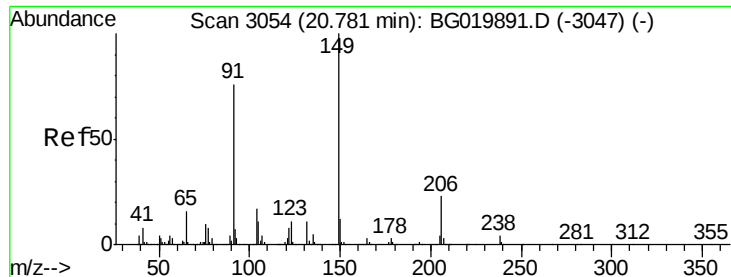
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.9  | 19.4  | 29.0  |
| 203     | 18.3  | 15.5  | 23.3  |



#78  
 Terphenyl-d14  
 Concen: 76.91 ng  
 RT: 20.09 min Scan# 2936  
 Delta R.T. -0.02 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.0   | 6.9   | 10.3  |
| 122     | 8.9   | 10.2  | 15.2# |

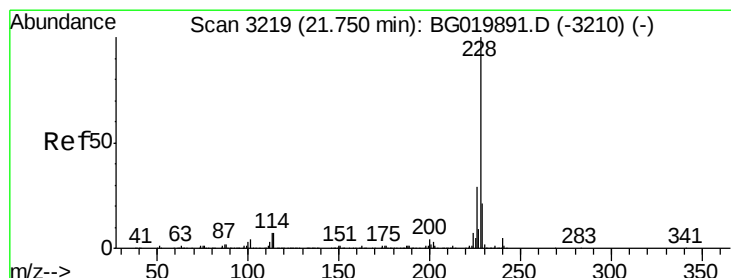
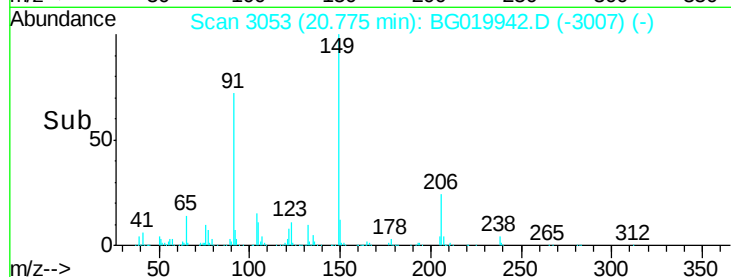
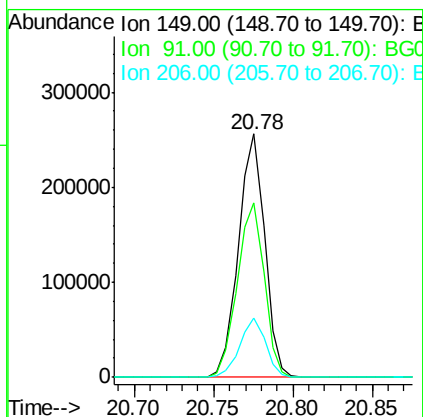
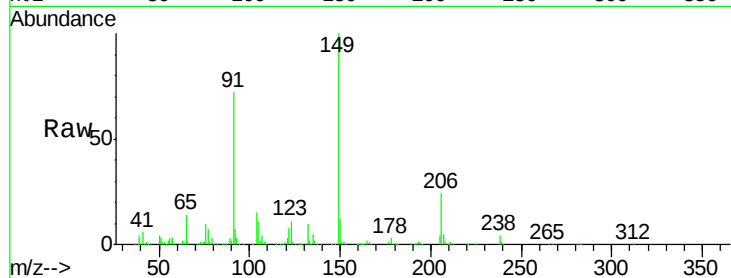




#79  
Butylbenzylphthalate  
Concen: 41.82 ng  
RT: 20.78 min Scan# 3053  
Delta R.T. -0.03 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

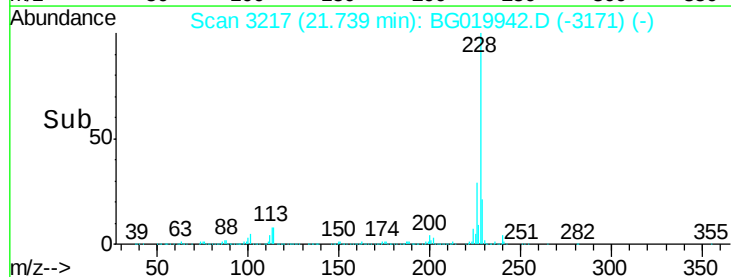
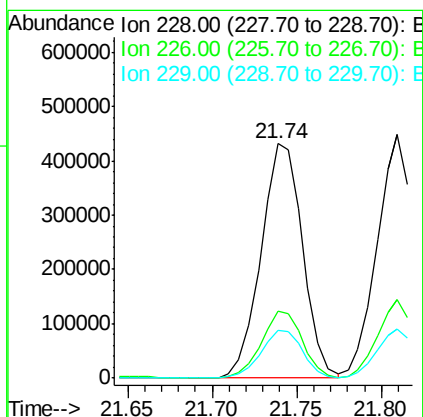
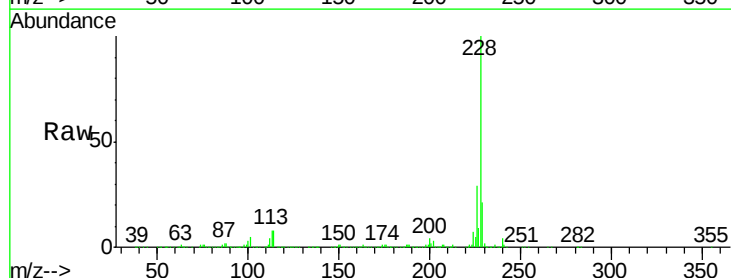
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

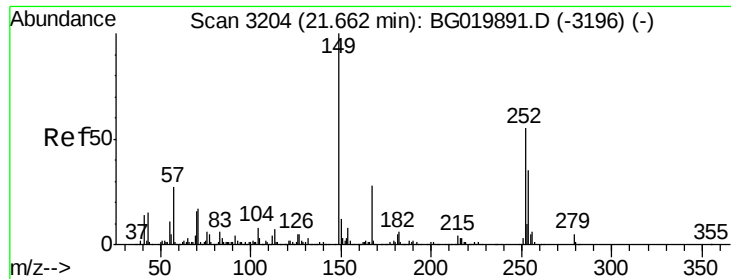
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.6  | 58.1  | 87.1  |
| 206     | 24.3  | 17.8  | 26.8  |



#80  
Benzo(a)anthracene  
Concen: 39.44 ng  
RT: 21.74 min Scan# 3217  
Delta R.T. -0.03 min  
Lab File: BG019942.D  
Acq: 5 Dec 2015 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.6  | 23.4  | 35.0  |
| 229     | 20.6  | 16.6  | 25.0  |

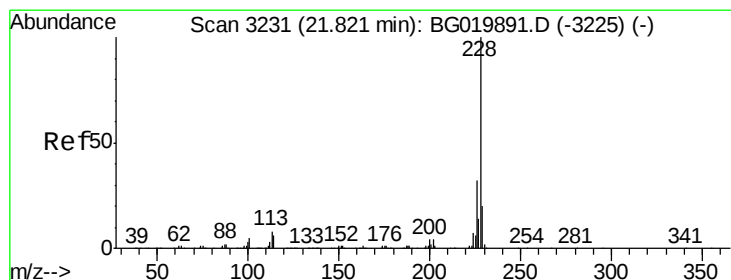
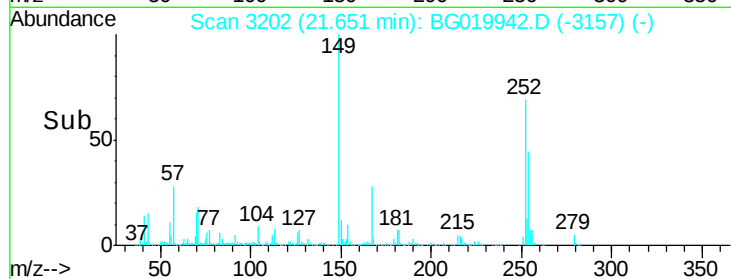
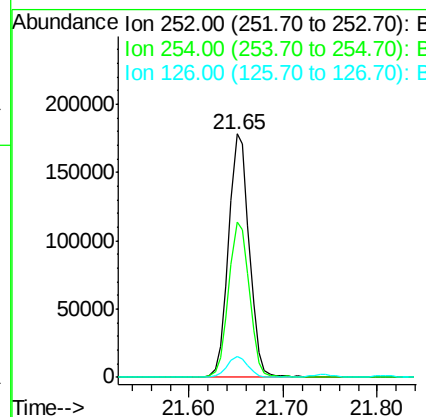
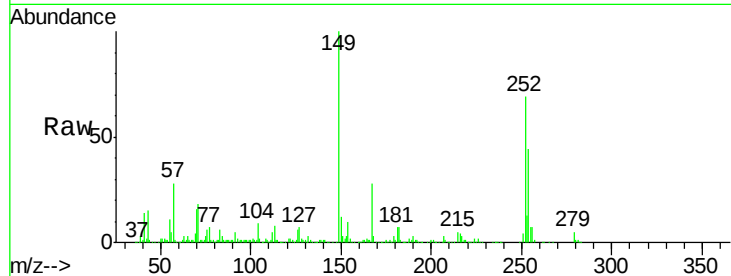




#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.40 ng  
 RT: 21.65 min Scan# 3202  
 Delta R.T. -0.04 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

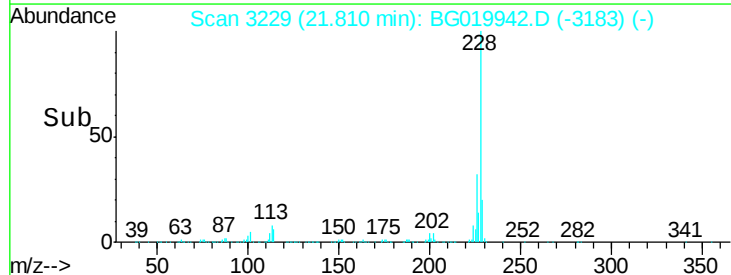
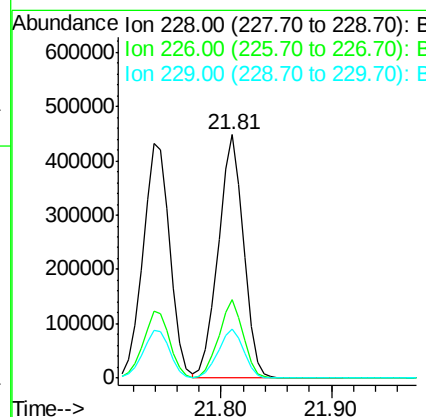
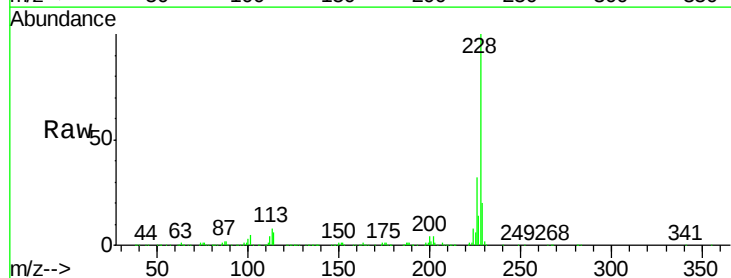
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

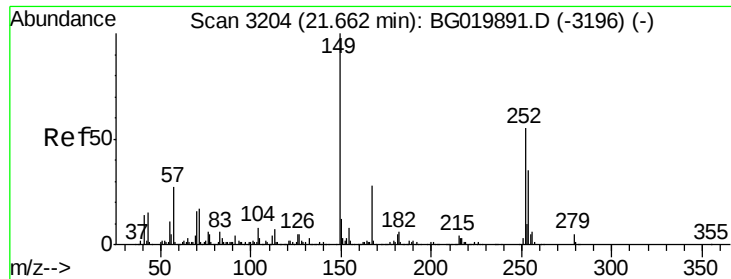
Tgt Ion:252 Resp: 273255  
 Ion Ratio Lower Upper  
 252 100  
 254 63.7 52.5 78.7  
 126 8.6 8.5 12.7



#82  
 Chrysene  
 Concen: 39.79 ng  
 RT: 21.81 min Scan# 3229  
 Delta R.T. -0.03 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion:228 Resp: 706002  
 Ion Ratio Lower Upper  
 228 100  
 226 32.4 26.7 40.1  
 229 20.3 17.0 25.6

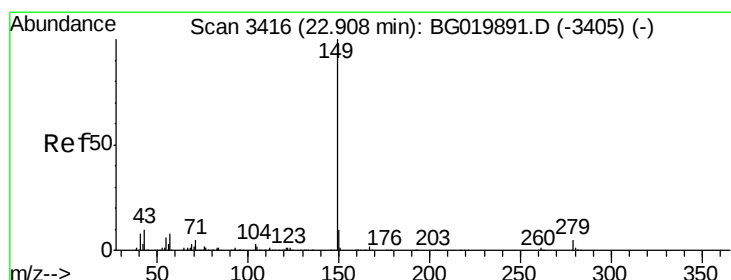
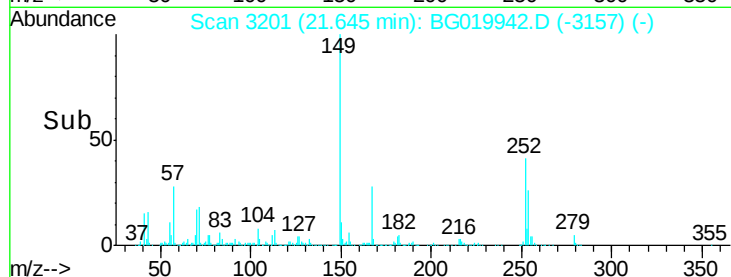
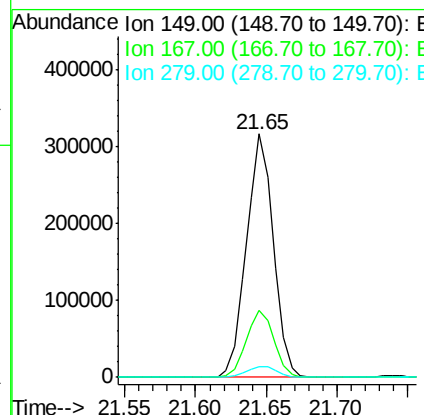
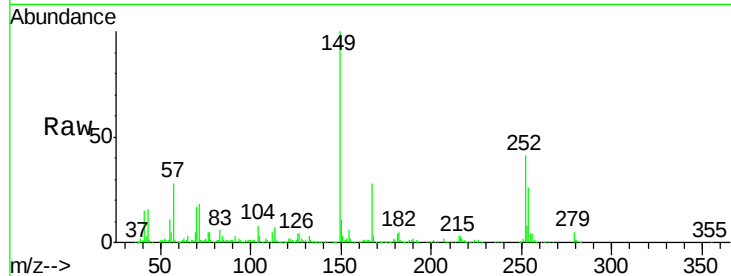




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.87 ng  
 RT: 21.65 min Scan# 3201  
 Delta R.T. -0.04 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:149 Resp: 422232  
 Ion Ratio Lower Upper  
 149 100  
 167 27.5 23.8 35.8  
 279 4.6 3.4 5.2



#84  
 Di-n-octyl phthalate  
 Concen: 42.94 ng  
 RT: 22.88 min Scan# 3412  
 Delta R.T. -0.06 min  
 Lab File: BG019942.D  
 Acq: 5 Dec 2015 15:04

Tgt Ion:149 Resp: 721259  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 10.1 5.9 8.9#

