

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG090716\  
 Data File : BG023956.D  
 Acq On : 7 Sep 2016 14:32  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 08 08:45:58 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG083116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 31 20:05:47 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 40567    | 20.00 | ng    | 0.01     |
| 21) Naphthalene-d8        | 10.93 | 136  | 207329   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.77 | 164  | 164901   | 20.00 | ng    | 0.01     |
| 63) Phenanthrene-d10      | 17.53 | 188  | 426268   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.84 | 240  | 457121   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.22 | 264  | 448621   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.65  | 112 | 202903  | 87.81 | ng | 0.00 |
| 7) Phenol-d6                | 7.27  | 99  | 308179  | 86.64 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.28  | 82  | 398820  | 85.88 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 16.27 | 330 | 228271  | 76.83 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 13.38 | 172 | 901874  | 78.41 | ng | 0.00 |
| 78) Terphenyl-d14           | 20.13 | 244 | 1550677 | 77.26 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.50  | 88  | 40441  | 42.44  | ng | 94   |
| 3) Pyridine                    | 3.91  | 79  | 133401 | 46.58  | ng | 92   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 77546  | 51.37  | ng | 80   |
| 6) Aniline                     | 7.42  | 93  | 205151 | 43.45  | ng | 96   |
| 8) 2-Chlorophenol              | 7.66  | 128 | 110243 | 41.18  | ng | 96   |
| 9) Benzaldehyde                | 7.23  | 77  | 107654 | 42.60  | ng | 97   |
| 10) Phenol                     | 7.30  | 94  | 162214 | 43.35  | ng | 95   |
| 11) bis(2-Chloroethyl)ether    | 7.51  | 93  | 120945 | 41.08  | ng | 90   |
| 12) 1,3-Dichlorobenzene        | 7.98  | 146 | 129835 | 41.44  | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 8.13  | 146 | 132710 | 39.98  | ng | 95   |
| 14) 1,2-Dichlorobenzene        | 8.45  | 146 | 128726 | 41.32  | ng | 96   |
| 15) Benzyl Alcohol             | 8.35  | 79  | 149565 | 47.69  | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63  | 45  | 165432 | 41.92  | ng | 92   |
| 17) 2-Methylphenol             | 8.56  | 107 | 109042 | 43.25  | ng | 97   |
| 18) Hexachloroethane           | 9.18  | 117 | 54497  | 42.64  | ng | 92   |
| 19) n-Nitroso-di-n-propylamine | 8.91  | 70  | 140781 | 44.80  | ng | # 96 |
| 20) 3+4-Methylphenols          | 8.89  | 107 | 152149 | 43.31  | ng | 94   |
| 22) Acetophenone               | 8.94  | 105 | 218598 | 40.72  | ng | # 98 |
| 24) Nitrobenzene               | 9.32  | 77  | 211668 | 42.39  | ng | 95   |
| 25) Isophorone                 | 9.85  | 82  | 373187 | 41.44  | ng | 98   |
| 26) 2-Nitrophenol              | 10.04 | 139 | 79222  | 41.73  | ng | 95   |
| 27) 2,4-Dimethylphenol         | 10.10 | 122 | 139018 | 43.09  | ng | 91   |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93  | 187162 | 41.16  | ng | 96   |
| 29) 2,4-Dichlorophenol         | 10.59 | 162 | 147496 | 43.15  | ng | 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180 | 146501 | 39.07  | ng | 97   |
| 31) Naphthalene                | 10.98 | 128 | 426163 | 39.89  | ng | 99   |
| 32) Benzoic acid               | 10.28 | 122 | 85550  | 32.65  | ng | # 81 |
| 33) 4-Chloroaniline            | 11.10 | 127 | 190402 | 42.68  | ng | 96   |
| 34) Hexachlorobutadiene        | 11.26 | 225 | 122962 | 43.67  | ng | 95   |
| 35) Caprolactam                | 11.90 | 113 | 50737  | 42.11  | ng | 97   |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107 | 202244 | 44.28  | ng | 98   |
| 37) 2-Methylnaphthalene        | 12.59 | 142 | 331777 | 40.82  | ng | 95   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.95 | 216 | 221509 | 40.47  | ng | 99   |
| 40) Hexachlorocyclopentadiene  | 12.92 | 237 | 110407 | 37.60  | ng | 95   |

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 Operator : UM/SJ  
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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

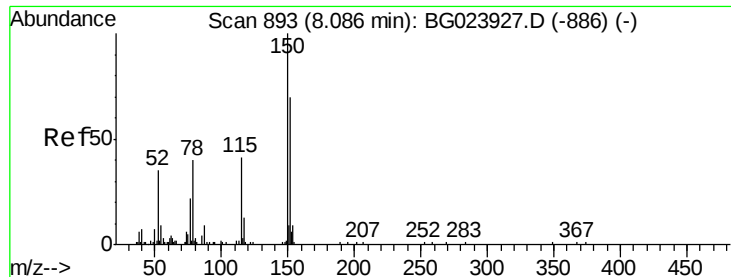
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 08 08:45:58 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG083116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 31 20:05:47 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.20 | 196  | 151223   | 41.40 | ng    | 93       |
| 43) 2,4,5-Trichlorophenol      | 13.29 | 196  | 155812   | 42.20 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 13.59 | 154  | 520297   | 39.23 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.64 | 162  | 379822   | 39.01 | ng    | 95       |
| 47) 2-Nitroaniline             | 13.86 | 65   | 172953   | 45.09 | ng    | 99       |
| 48) Acenaphthylene             | 14.49 | 152  | 640998   | 39.49 | ng    | 99       |
| 49) Dimethylphthalate          | 14.22 | 163  | 542917   | 38.40 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.35 | 165  | 115065   | 38.55 | ng    | 96       |
| 51) Acenaphthene               | 14.83 | 154  | 395939   | 39.46 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.69 | 138  | 117442   | 42.06 | ng    | 88       |
| 53) 2,4-Dinitrophenol          | 14.90 | 184  | 62256    | 32.72 | ng    | 93       |
| 54) Dibenzofuran               | 15.17 | 168  | 615977   | 39.33 | ng    | 97       |
| 55) 4-Nitrophenol              | 15.03 | 139  | 78139    | 35.18 | ng    | 94       |
| 56) 2,4-Dinitrotoluene         | 15.15 | 165  | 169697   | 38.68 | ng    | 90       |
| 57) Fluorene                   | 15.81 | 166  | 533643   | 39.29 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 156221   | 41.68 | ng    | 96       |
| 59) Diethylphthalate           | 15.57 | 149  | 568367   | 37.65 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.80 | 204  | 290860   | 39.78 | ng    | 98       |
| 61) 4-Nitroaniline             | 15.86 | 138  | 107784   | 38.19 | ng    | 90       |
| 62) Azobenzene                 | 16.10 | 77   | 603713   | 41.29 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 115272   | 38.95 | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 16.02 | 169  | 489715   | 40.45 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.70 | 248  | 209346   | 40.37 | ng    | 95       |
| 67) Hexachlorobenzene          | 16.83 | 284  | 237729   | 39.08 | ng    | 96       |
| 68) Atrazine                   | 16.97 | 200  | 208688   | 40.06 | ng    | 99       |
| 69) Pentachlorophenol          | 17.18 | 266  | 121243   | 37.53 | ng    | 97       |
| 70) Phenanthrene               | 17.57 | 178  | 877112   | 39.55 | ng    | 99       |
| 71) Anthracene                 | 17.66 | 178  | 884760   | 39.11 | ng    | 97       |
| 72) Carbazole                  | 17.94 | 167  | 785395   | 38.26 | ng    | 97       |
| 73) Di-n-butylphthalate        | 18.47 | 149  | 950934   | 38.83 | ng    | 97       |
| 74) Fluoranthene               | 19.58 | 202  | 1032038  | 38.66 | ng    | 94       |
| 76) Benzidine                  | 19.77 | 184  | 518320   | 36.62 | ng    | 96       |
| 77) Pyrene                     | 19.95 | 202  | 1074915  | 38.23 | ng    | 94       |
| 79) Butylbenzylphthalate       | 20.81 | 149  | 433235   | 39.97 | ng    | 96       |
| 80) Benzo(a)anthracene         | 21.82 | 228  | 1045427  | 40.85 | ng    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 21.73 | 252  | 412483   | 40.33 | ng    | 95       |
| 82) Chrysene                   | 21.89 | 228  | 990560   | 40.67 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.69 | 149  | 605922   | 40.83 | ng    | 96       |
| 84) Di-n-octyl phthalate       | 22.95 | 149  | 1001990  | 41.17 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.09 | 276  | 1173167  | 43.50 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.14 | 252  | 1031828  | 40.49 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 24.20 | 252  | 1038200  | 41.09 | ng    | # 98     |
| 89) Benzo(a)pyrene             | 25.06 | 252  | 985348   | 40.72 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 29.14 | 278  | 964630   | 40.53 | ng    | # 98     |
| 91) Benzo(g,h,i)perylene       | 30.30 | 276  | 969080   | 42.34 | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

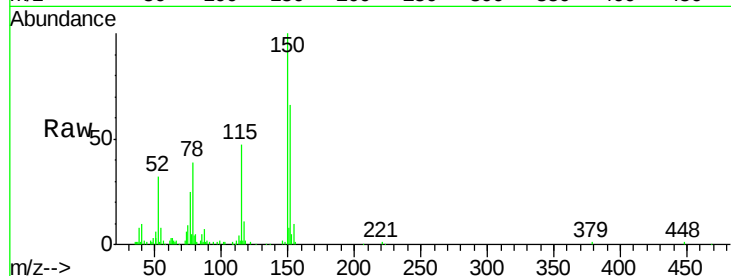
Tgt Ion:152 Resp: 40567

Ion Ratio Lower Upper

152 100

150 151.3 144.7 217.1

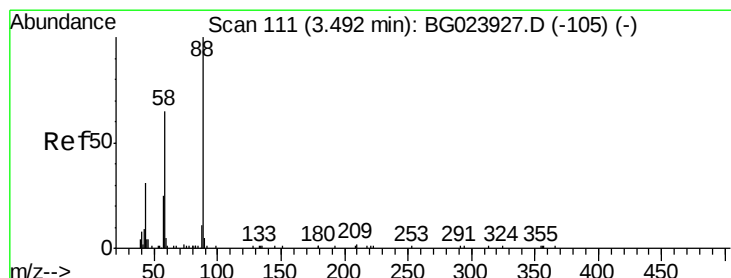
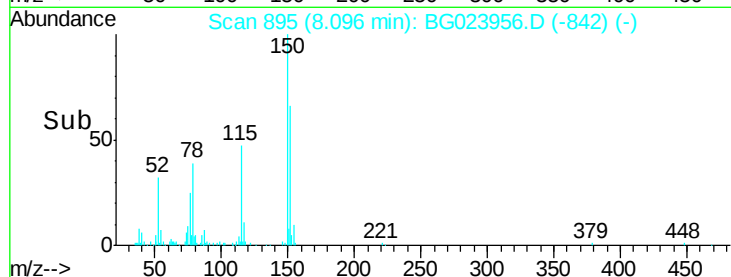
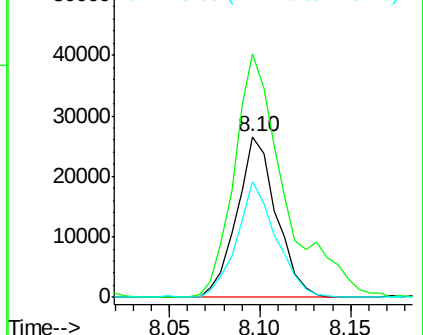
115 71.7 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.44 ng

RT: 3.50 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

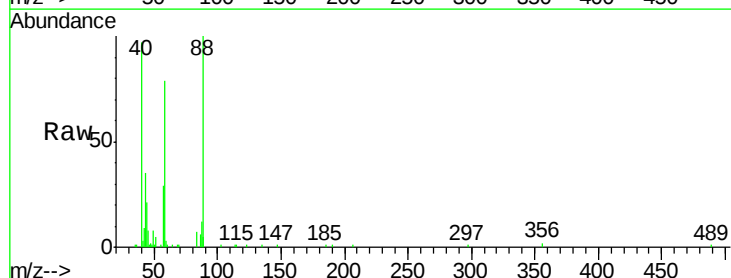
Tgt Ion: 88 Resp: 40441

Ion Ratio Lower Upper

88 100

58 81.0 60.4 90.6

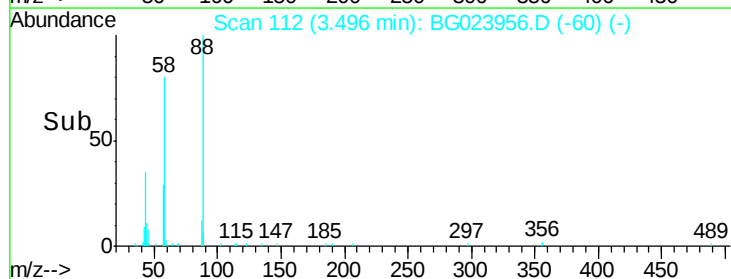
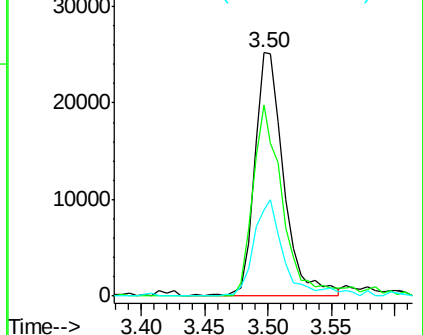
43 41.2 31.1 46.7

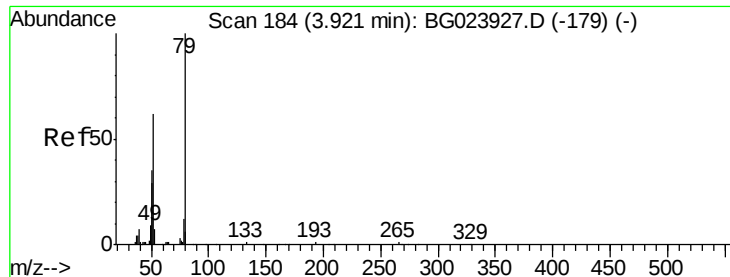


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 46.58 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.01 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

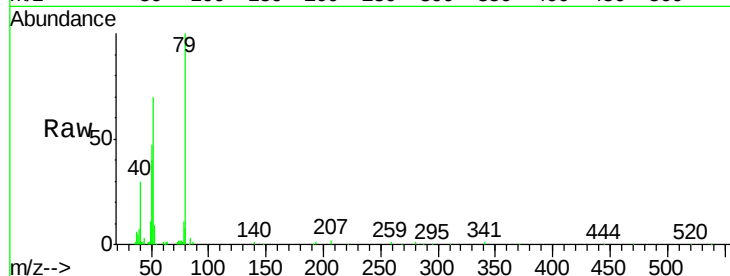
Tgt Ion: 79 Resp: 133401

Ion Ratio Lower Upper

79 100

52 70.1 51.8 77.8

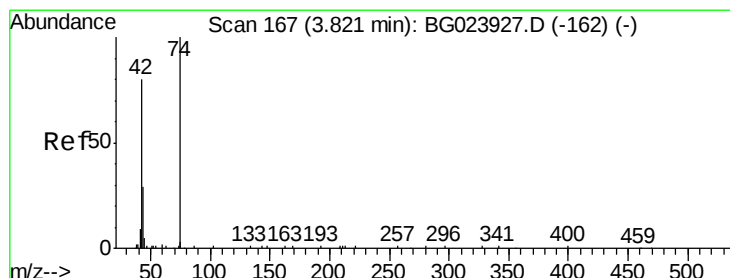
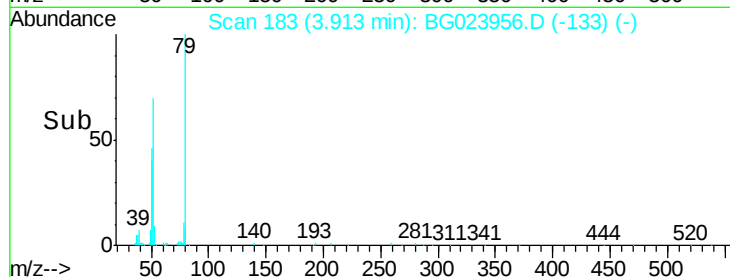
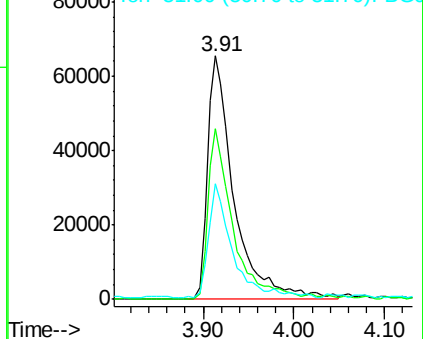
51 47.4 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 51.37 ng

RT: 3.83 min Scan# 168

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

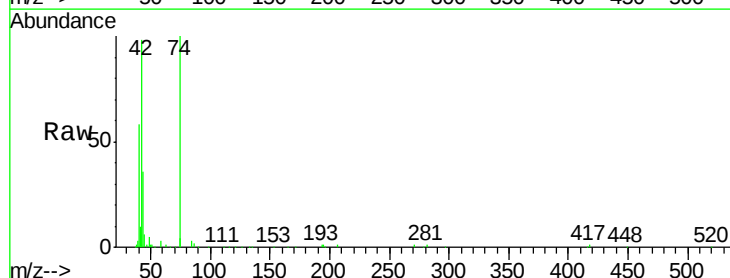
Tgt Ion: 42 Resp: 77546

Ion Ratio Lower Upper

42 100

74 101.8 100.6 150.8

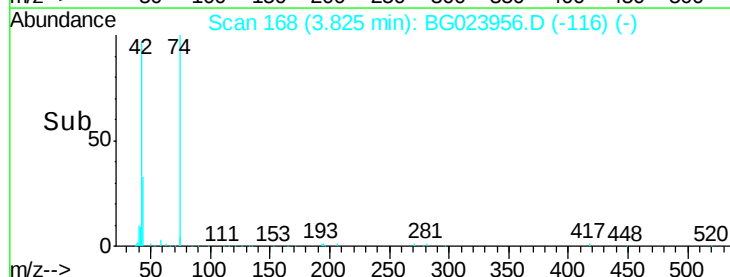
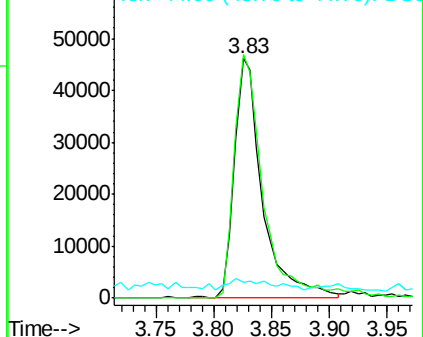
44 6.5 4.5 6.7

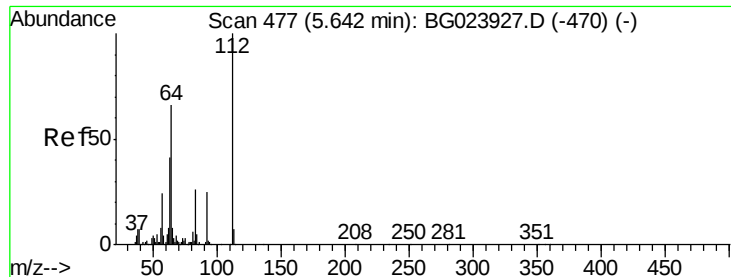


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 87.81 ng

RT: 5.65 min Scan# 478

Delta R.T. 0.01 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

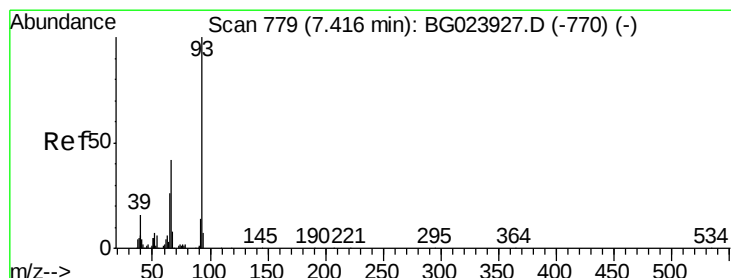
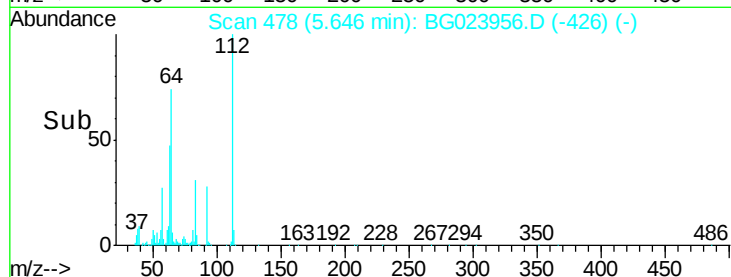
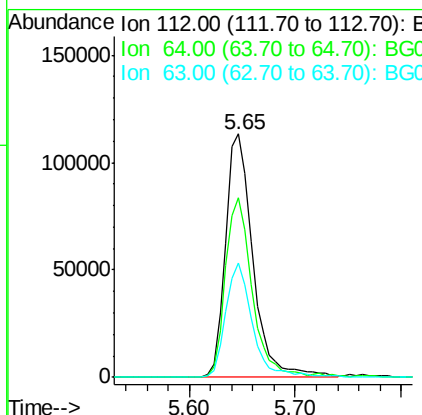
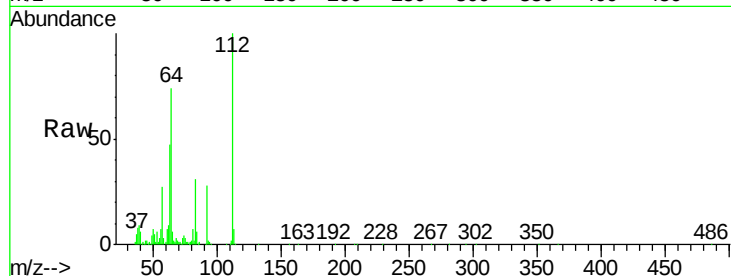
Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 202903 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 73.9  | 59.0  | 88.4   |
| 63       | 46.8  | 37.8  | 56.8   |



#6

Aniline

Concen: 43.45 ng

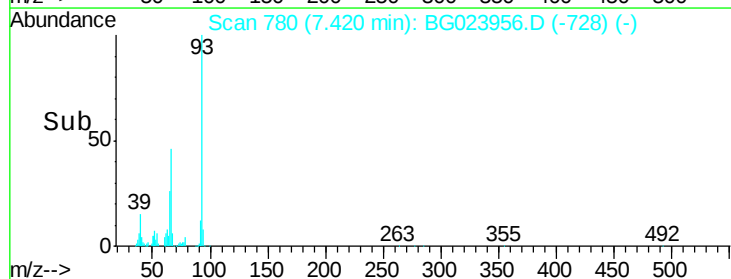
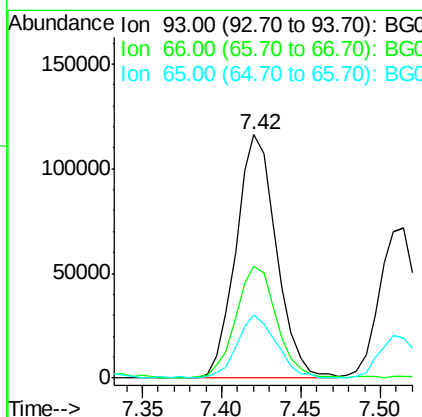
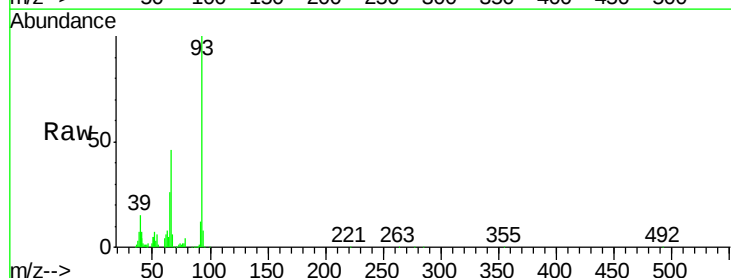
RT: 7.42 min Scan# 780

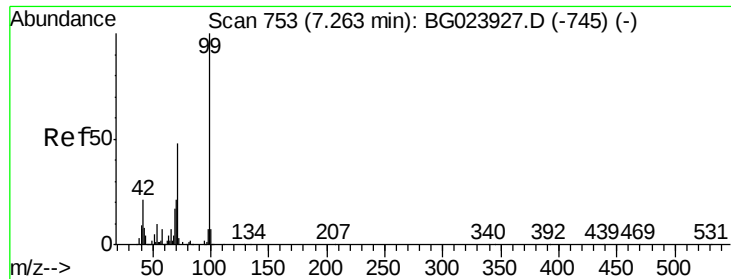
Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 205151 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 45.7  | 37.5  | 56.3   |
| 65       | 25.8  | 17.9  | 26.9   |





#7

Phenol-d6

Concen: 86.64 ng

RT: 7.27 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

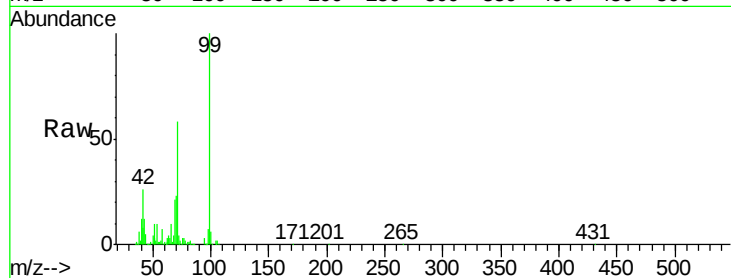
Tgt Ion: 99 Resp: 308179

Ion Ratio Lower Upper

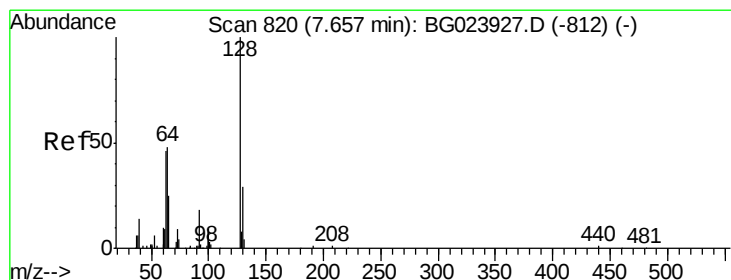
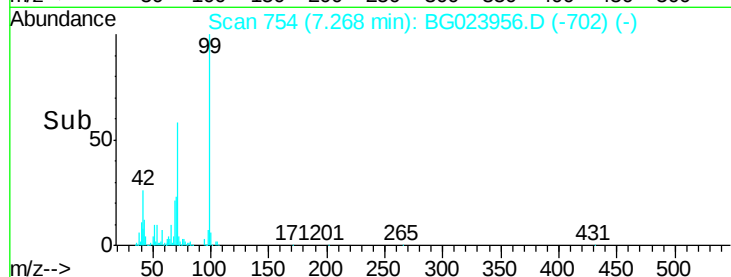
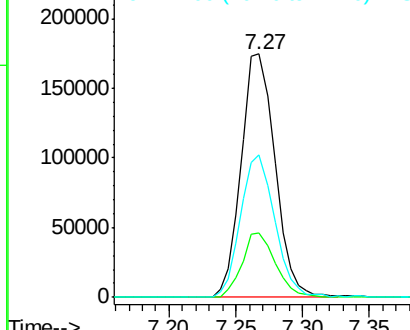
99 100

42 26.3 17.8 26.6

71 58.5 41.5 62.3



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



#8

2-Chlorophenol

Concen: 41.18 ng

RT: 7.66 min Scan# 821

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

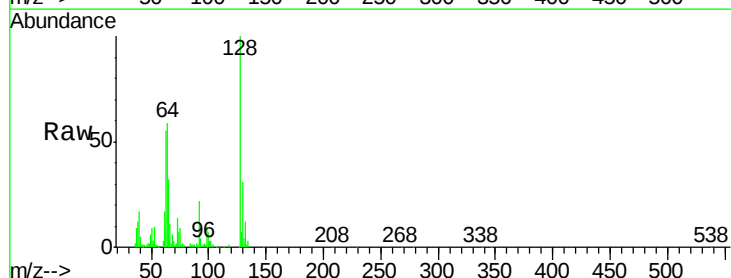
Tgt Ion: 128 Resp: 110243

Ion Ratio Lower Upper

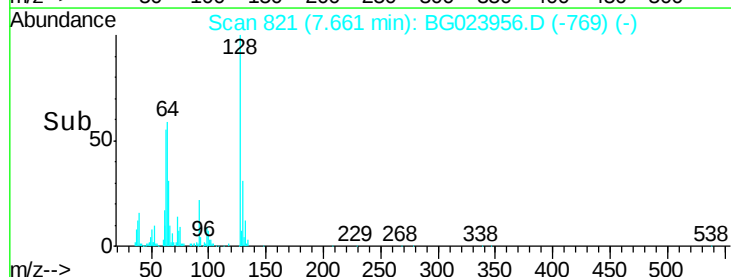
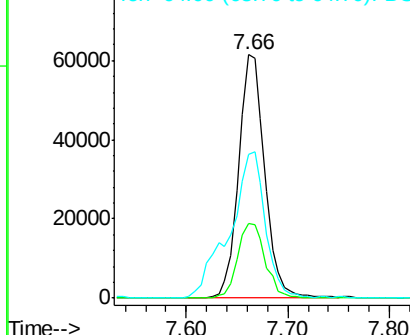
128 100

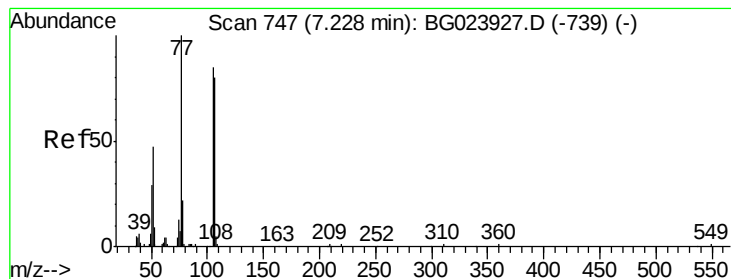
130 30.5 12.9 52.9

64 59.0 42.0 82.0



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: 42.60 ng

RT: 7.23 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

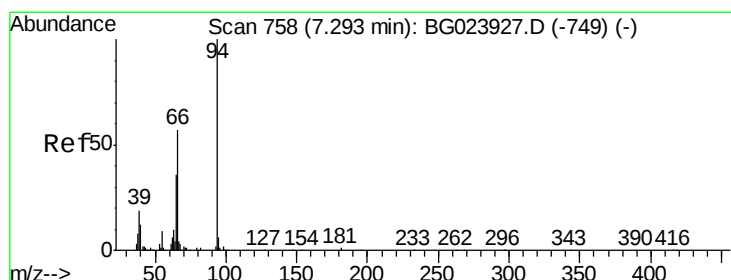
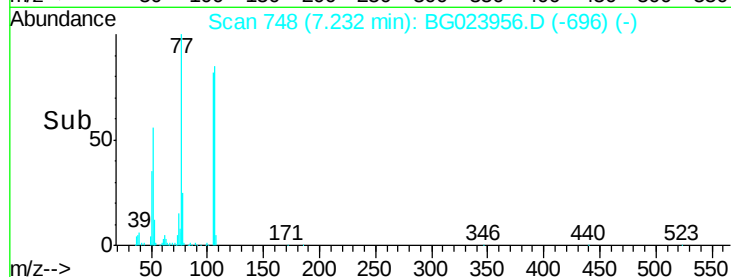
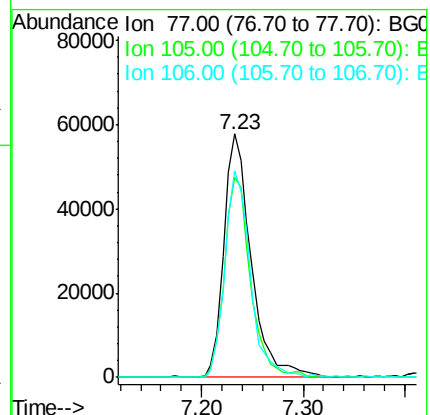
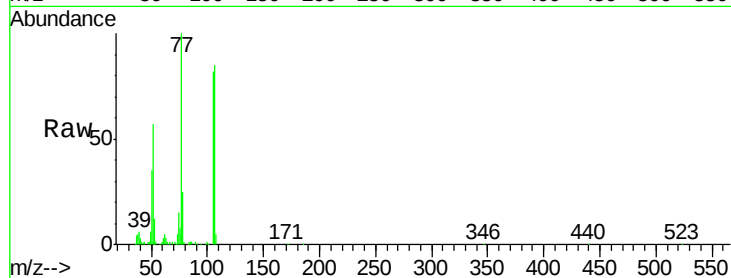
Tgt Ion: 77 Resp: 107654

Ion Ratio Lower Upper

77 100

105 82.0 58.7 98.7

106 84.9 67.5 107.5



#10

Phenol

Concen: 43.35 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

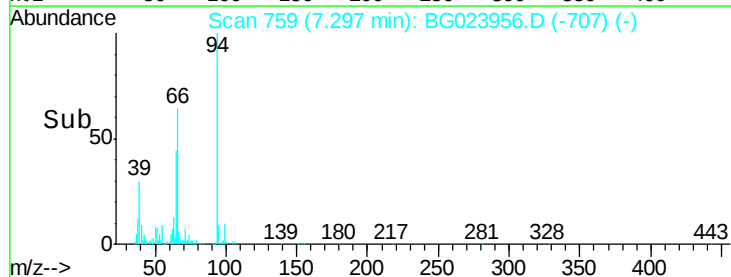
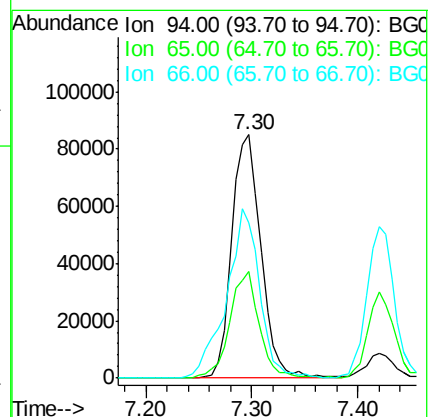
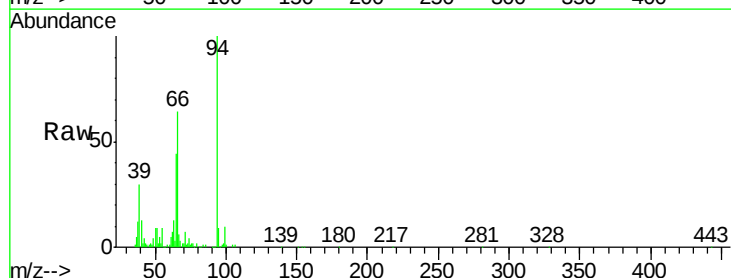
Tgt Ion: 94 Resp: 162214

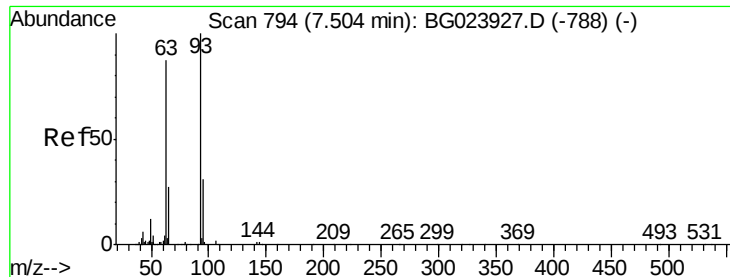
Ion Ratio Lower Upper

94 100

65 43.6 18.1 58.1

66 63.7 42.1 82.1

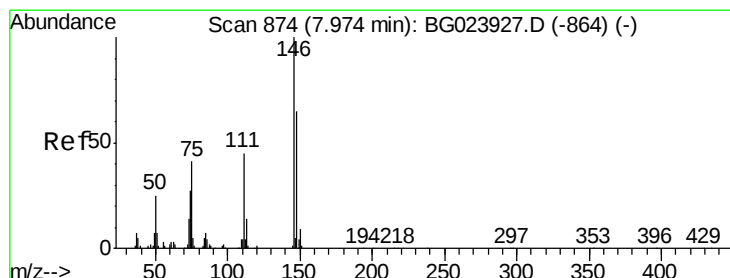
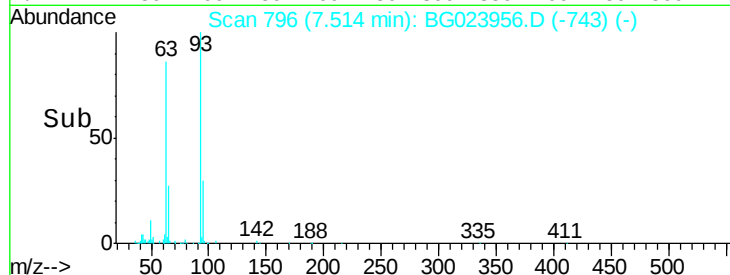
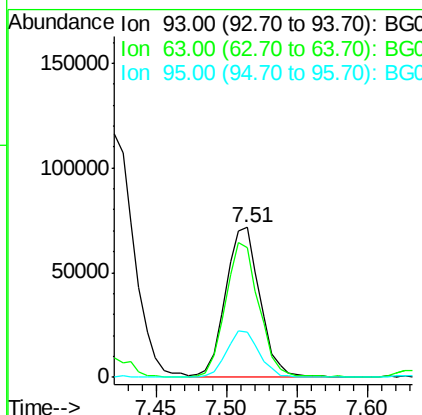
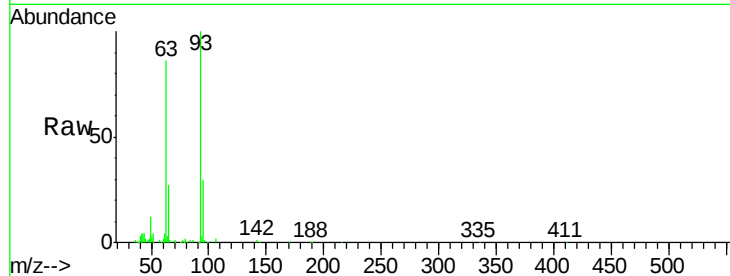




#11  
 bis(2-Chloroethyl)ether  
 Concen: 41.08 ng  
 RT: 7.51 min Scan# 796  
 Delta R.T. 0.01 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

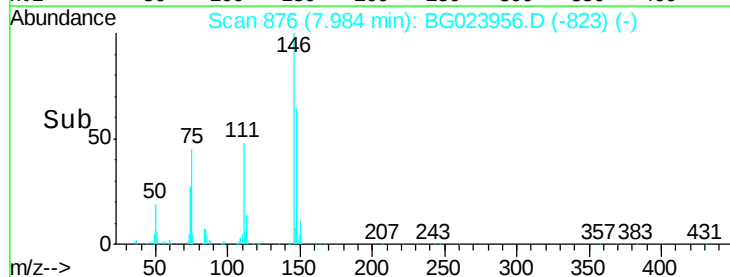
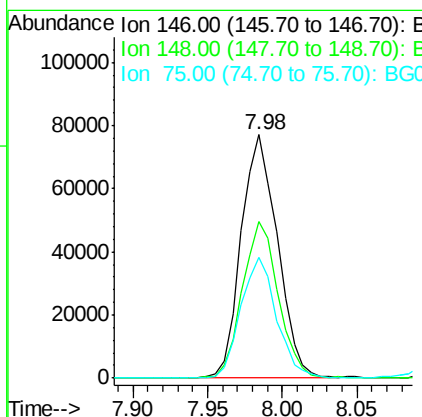
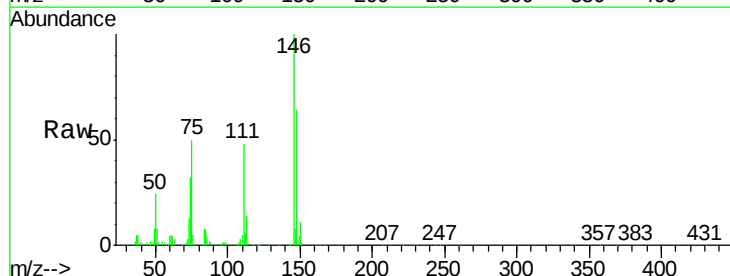
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 120945 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 86.3  | 55.0  | 95.0   |
| 95       | 29.9  | 11.0  | 51.0   |



#12  
 1,3-Dichlorobenzene  
 Concen: 41.44 ng  
 RT: 7.98 min Scan# 876  
 Delta R.T. 0.01 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 129835 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.5  | 50.3  | 75.5   |
| 75       | 49.7  | 37.0  | 55.6   |

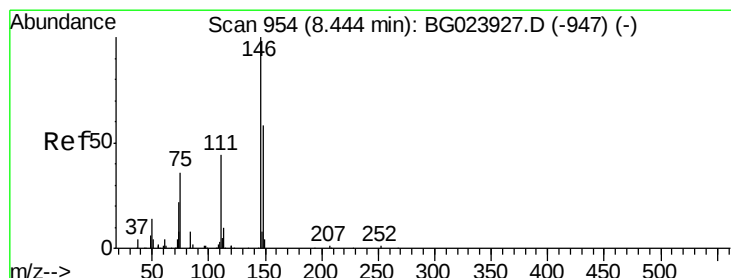
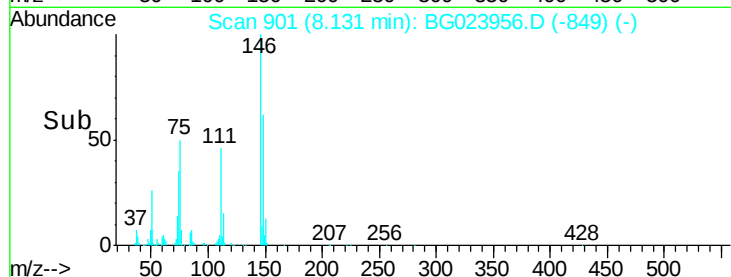
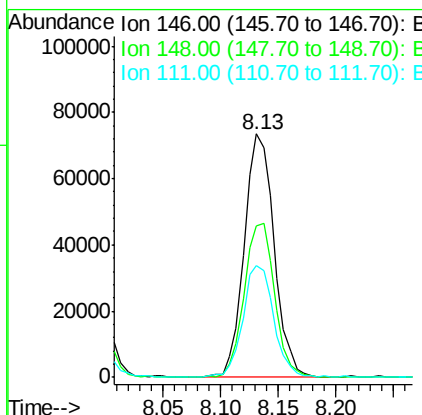
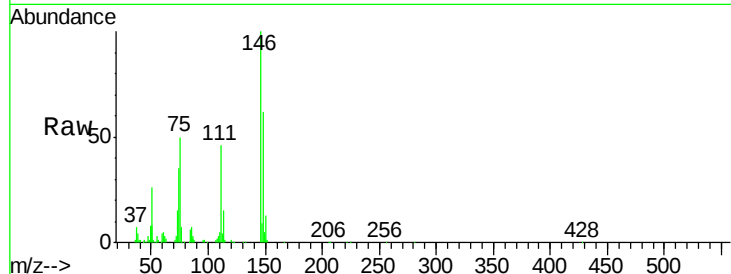




#13  
 1,4-Dichlorobenzene  
 Concen: 39.98 ng  
 RT: 8.13 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

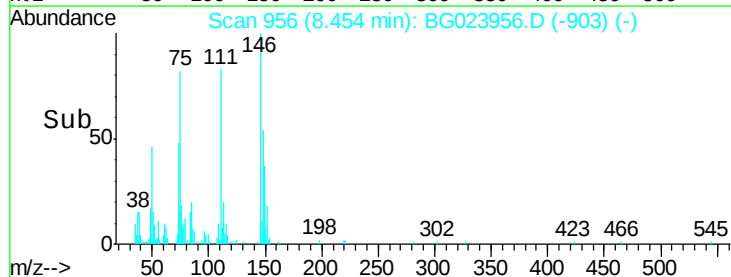
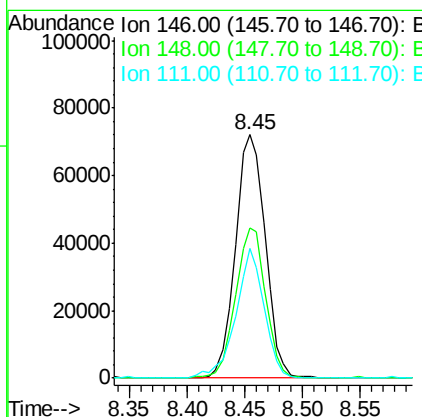
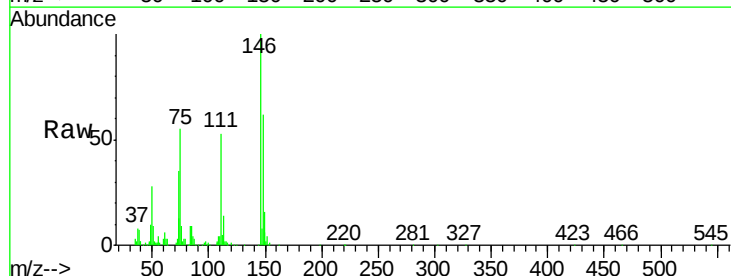
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

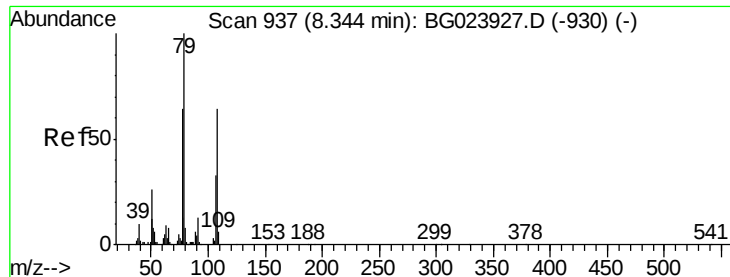
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.0  | 54.5  | 81.7  |
| 111     | 46.1  | 37.8  | 56.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 41.32 ng  
 RT: 8.45 min Scan# 956  
 Delta R.T. 0.01 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.7  | 52.9  | 79.3  |
| 111     | 53.3  | 43.5  | 65.3  |





#15

Benzyl Alcohol

Concen: 47.69 ng

RT: 8.35 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

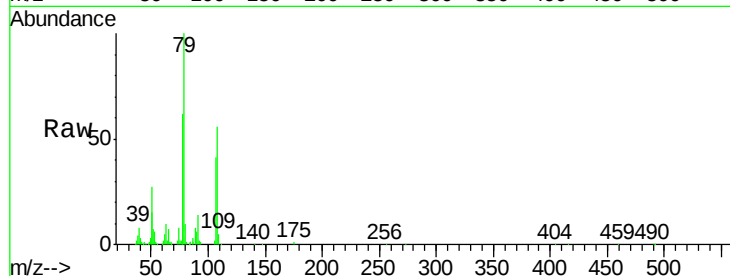
Tgt Ion: 79 Resp: 149565

Ion Ratio Lower Upper

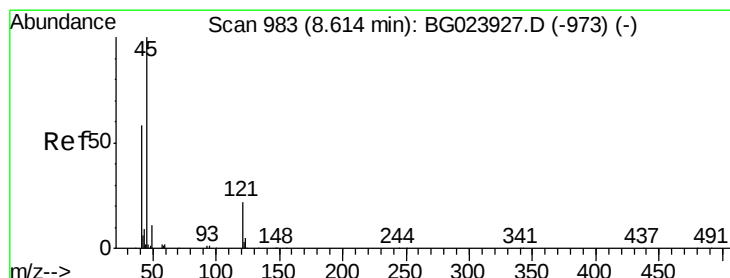
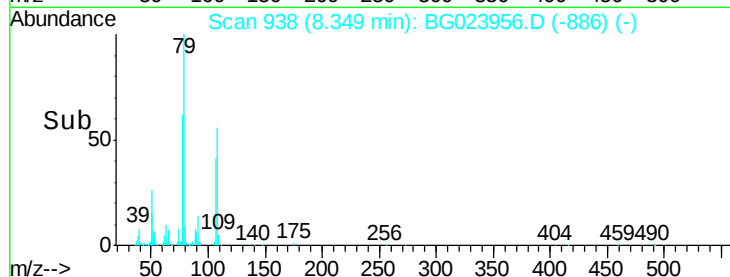
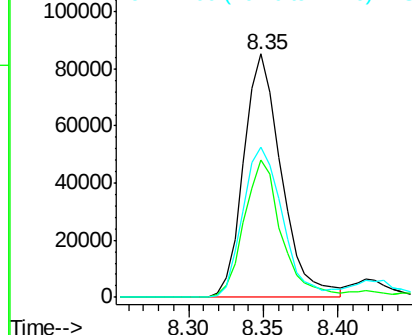
79 100

108 56.4 46.5 69.7

77 61.9 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.92 ng

RT: 8.63 min Scan# 986

Delta R.T. 0.02 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

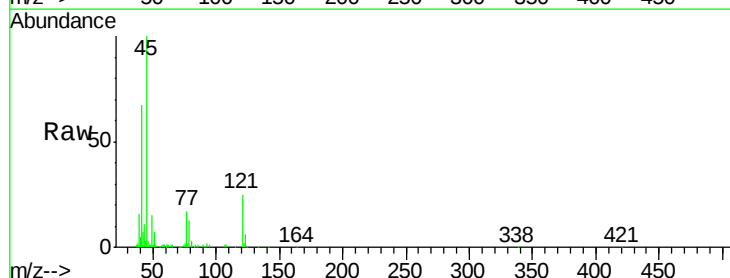
Tgt Ion: 45 Resp: 165432

Ion Ratio Lower Upper

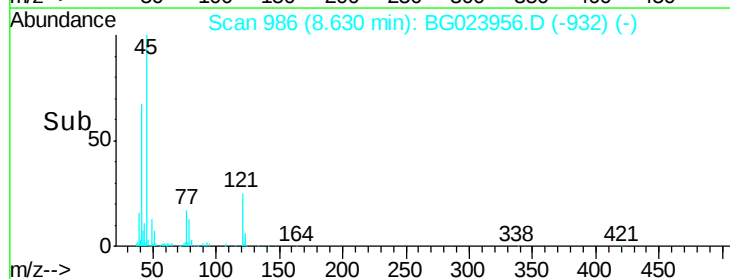
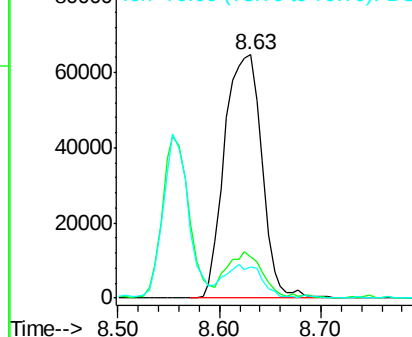
45 100

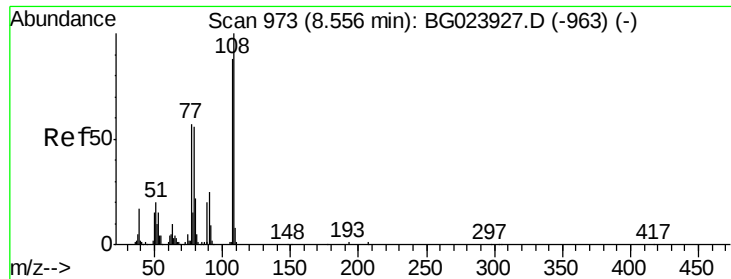
77 17.1 0.6 40.6

79 12.9 0.0 36.2



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

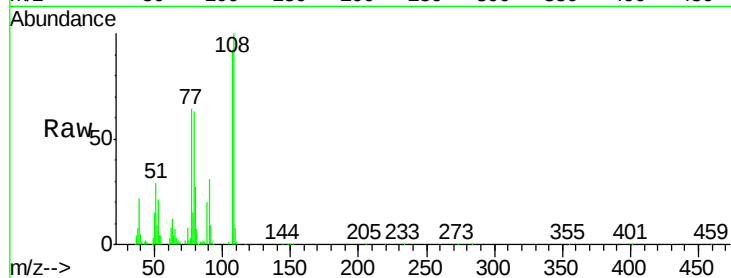




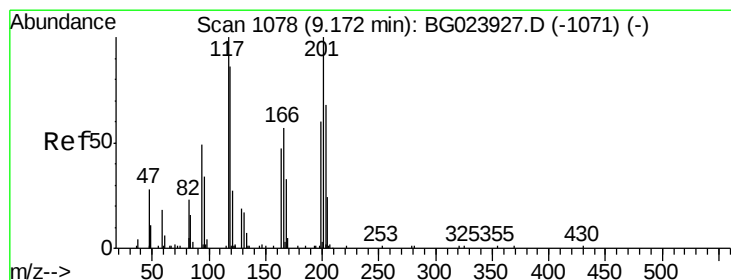
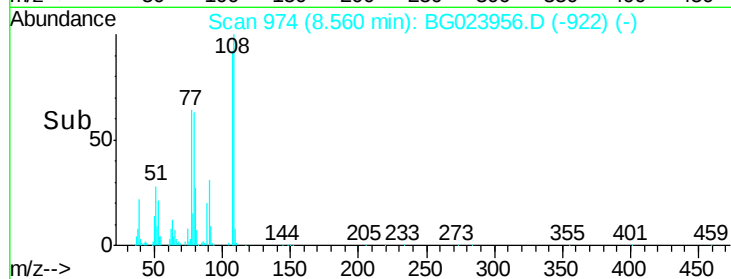
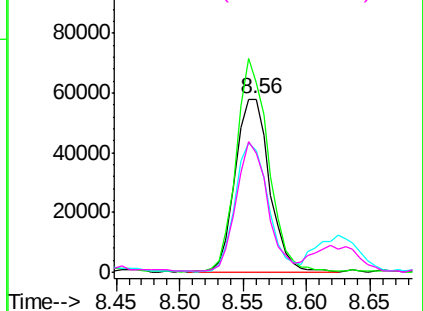
#17  
2-Methylphenol  
Concen: 43.25 ng  
RT: 8.56 min Scan# 974  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 109042  
Ion Ratio Lower Upper  
107 100  
108 109.0 92.0 138.0  
77 70.1 55.8 83.6  
79 68.8 55.0 82.6

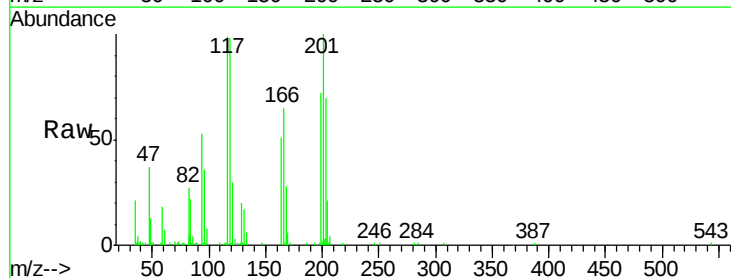


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

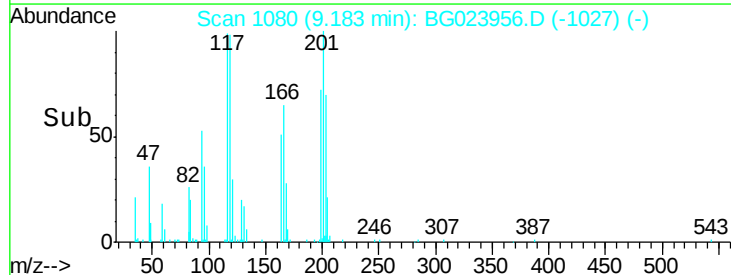
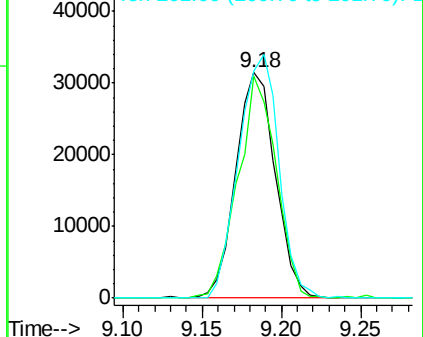


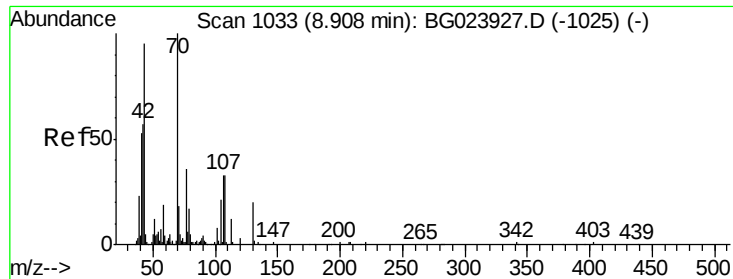
#18  
Hexachloroethane  
Concen: 42.64 ng  
RT: 9.18 min Scan# 1080  
Delta R.T. 0.01 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

Tgt Ion:117 Resp: 54497  
Ion Ratio Lower Upper  
117 100  
119 98.1 73.7 110.5  
201 100.5 88.7 133.1



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

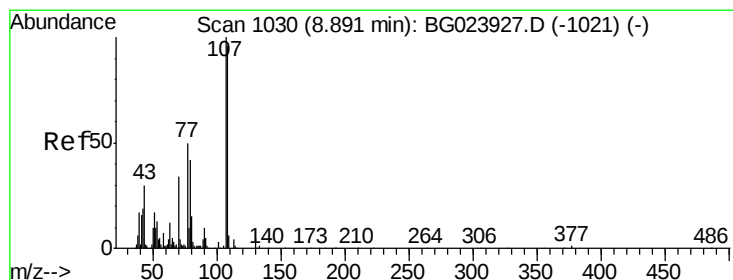
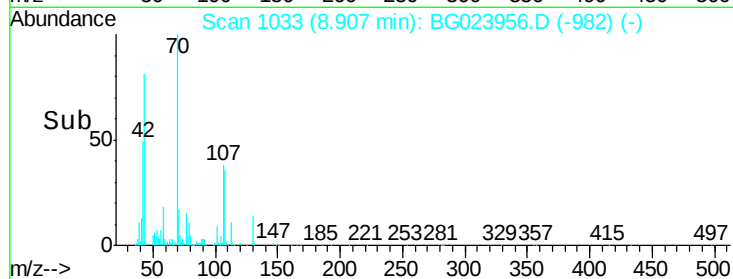
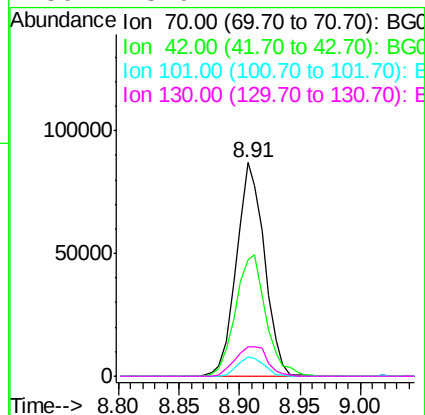
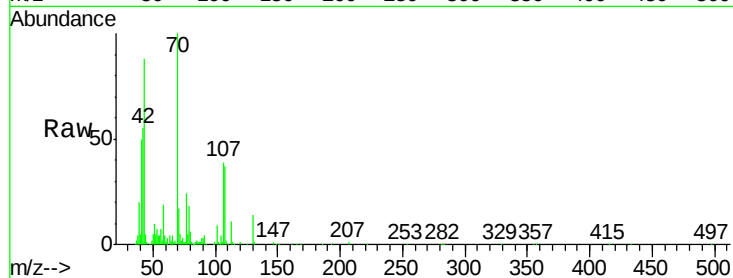




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.80 ng  
RT: 8.91 min Scan# 1033  
Delta R.T. -0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

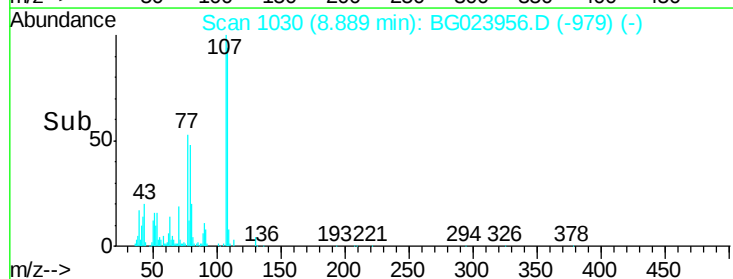
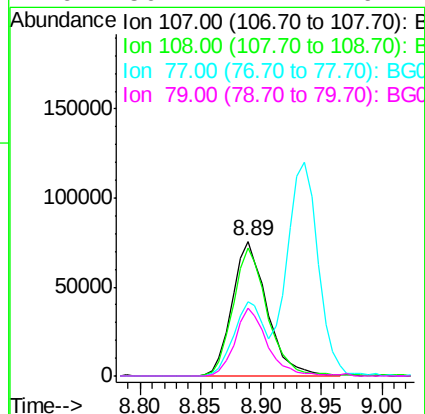
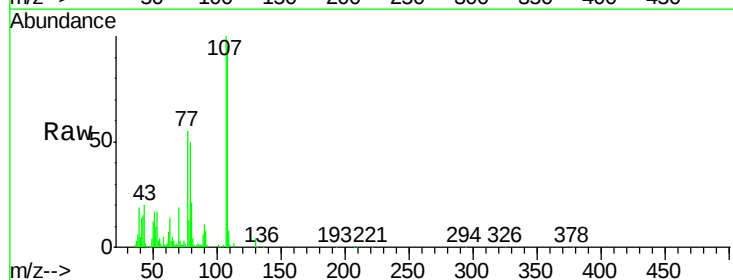
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

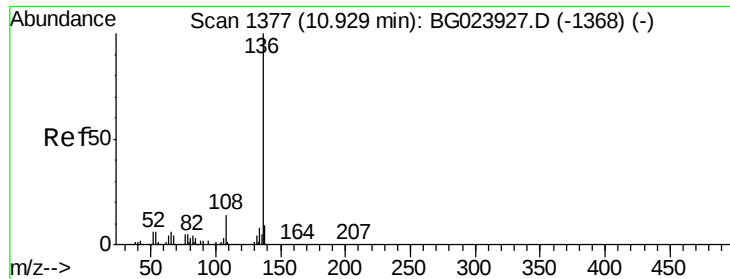
Tgt Ion: 70 Resp: 140781  
Ion Ratio Lower Upper  
70 100  
42 54.7 42.1 63.1  
101 9.1 7.2 10.8  
130 13.9 14.2 21.2#



#20  
3+4-Methylphenols  
Concen: 43.31 ng  
RT: 8.89 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

Tgt Ion: 107 Resp: 152149  
Ion Ratio Lower Upper  
107 100  
108 95.1 72.5 112.5  
77 55.3 30.1 70.1  
79 50.1 24.2 64.2

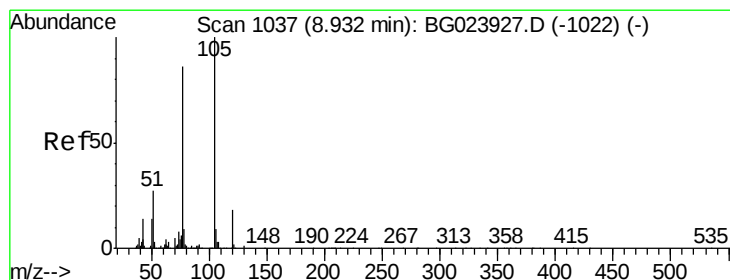
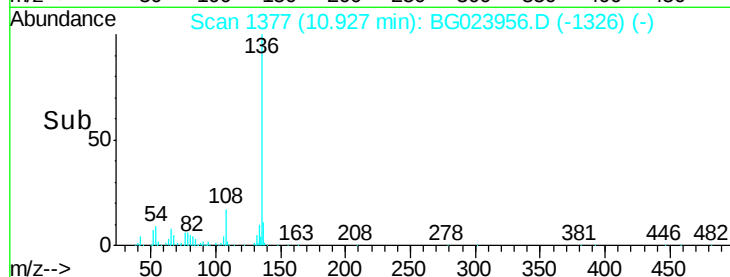
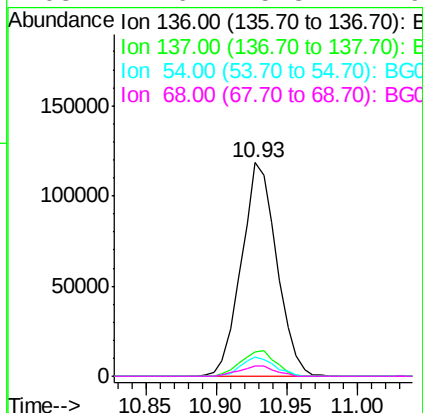
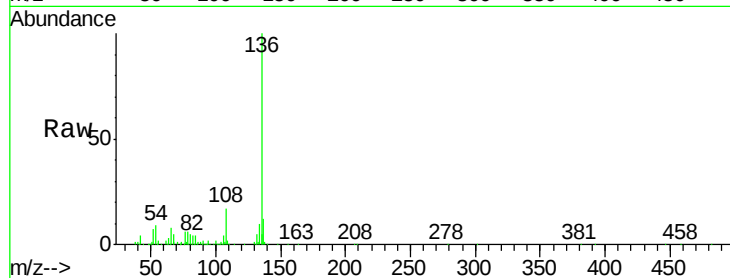




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.93 min Scan# 1377  
Delta R.T. -0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

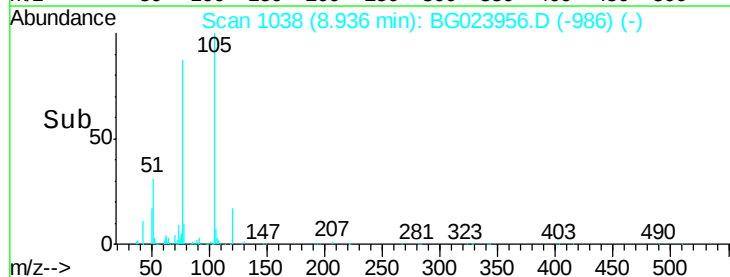
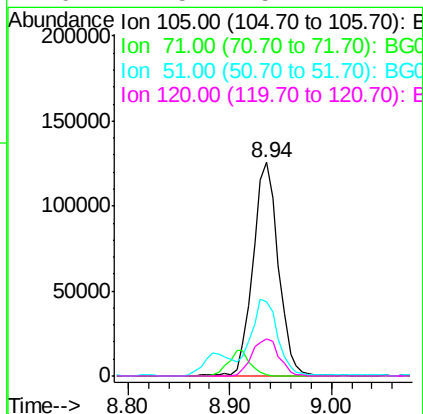
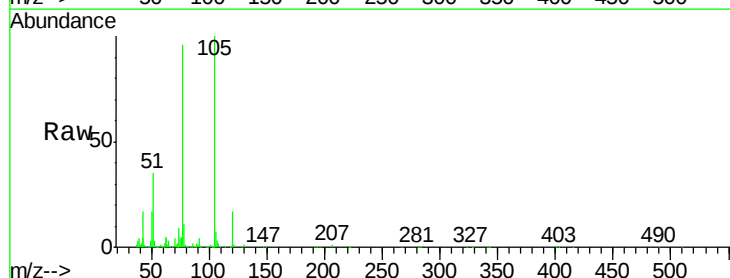
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

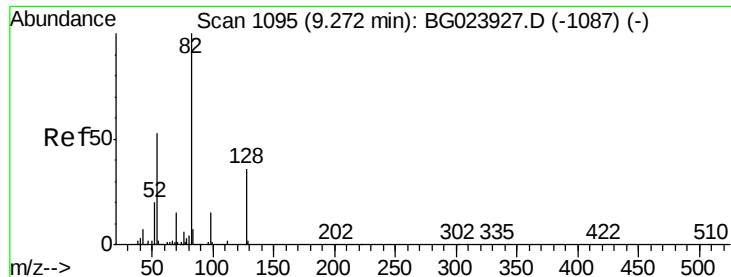
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 207329 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.6  | 9.6   | 14.4   |
| 54       | 9.1   | 7.3   | 10.9   |
| 68       | 4.6   | 5.3   | 7.9#   |



#22  
Acetophenone  
Concen: 40.72 ng  
RT: 8.94 min Scan# 1038  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 218598 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.5   | 2.6   | 3.8#   |
| 51       | 34.6  | 27.1  | 40.7   |
| 120      | 17.5  | 15.1  | 22.7   |

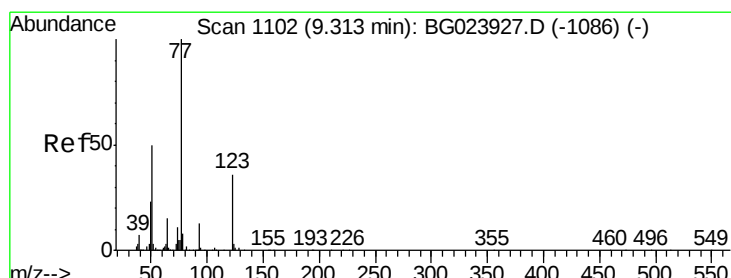
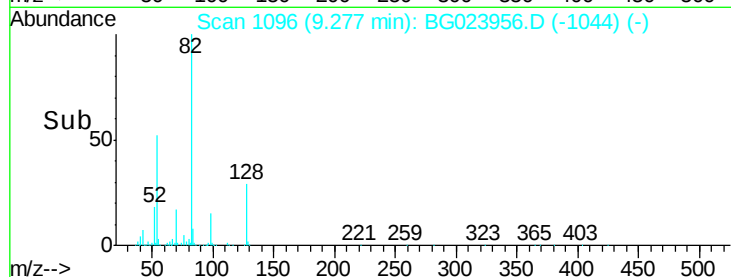
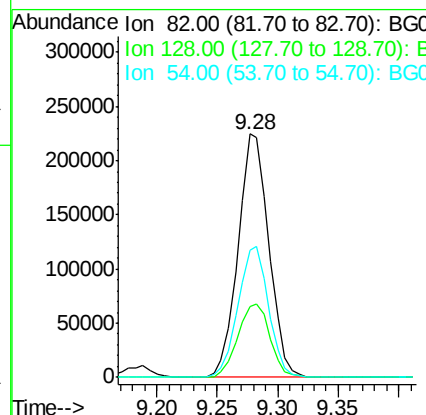
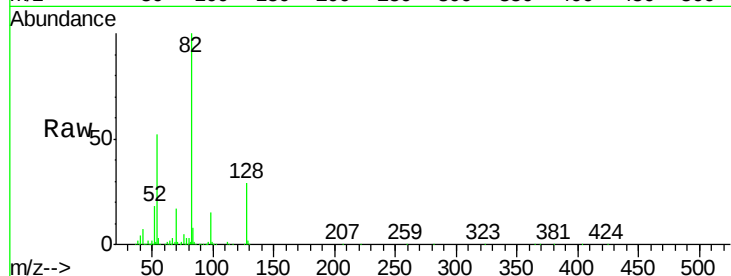




#23  
 Nitrobenzene-d5  
 Concen: 85.88 ng  
 RT: 9.28 min Scan# 1096  
 Delta R.T. 0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

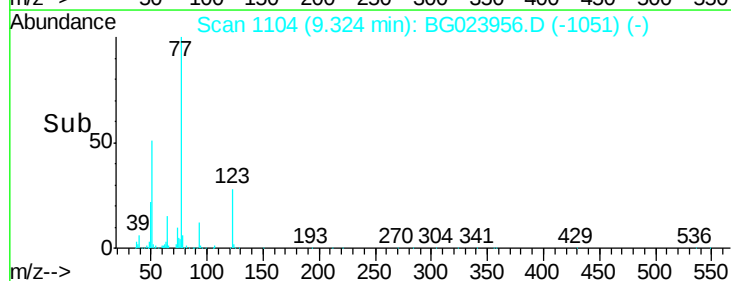
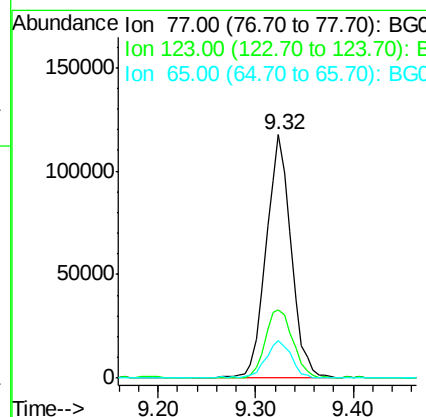
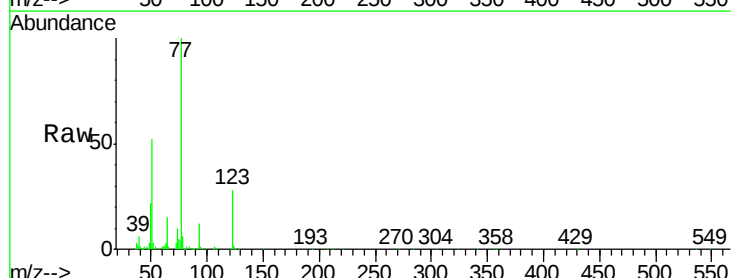
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC040

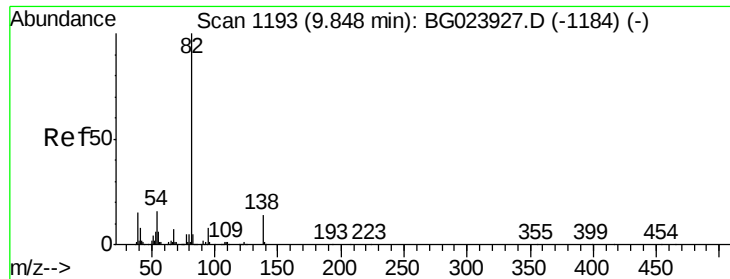
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 29.0  | 24.4  | 36.6  |
| 54      | 52.5  | 41.4  | 62.0  |



#24  
 Nitrobenzene  
 Concen: 42.39 ng  
 RT: 9.32 min Scan# 1104  
 Delta R.T. 0.01 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 28.2  | 25.0  | 37.6  |
| 65      | 15.2  | 13.4  | 20.0  |





#25

Isophorone

Concen: 41.44 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

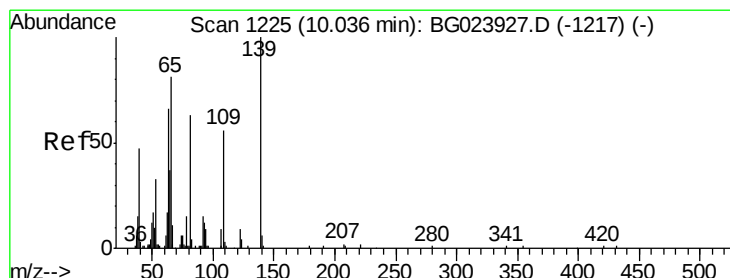
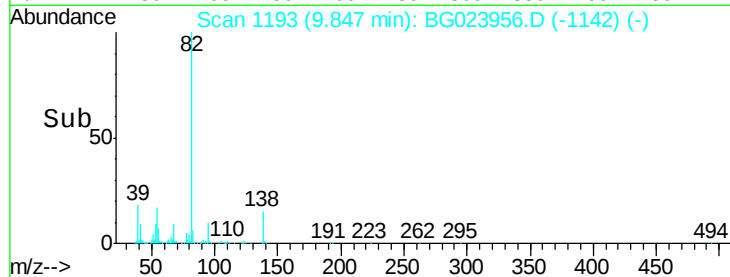
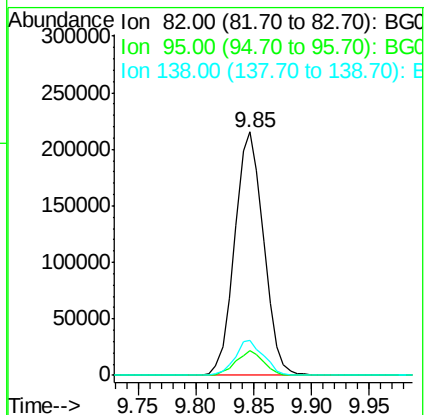
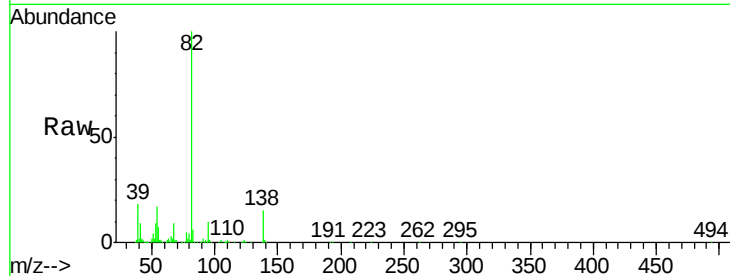
Tgt Ion: 82 Resp: 373187

Ion Ratio Lower Upper

82 100

95 10.2 8.2 12.2

138 14.6 10.7 16.1



#26

2-Nitrophenol

Concen: 41.73 ng

RT: 10.04 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

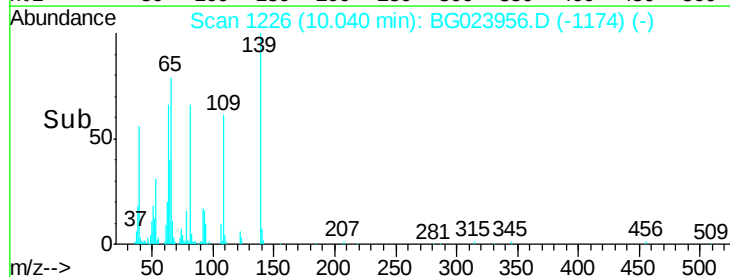
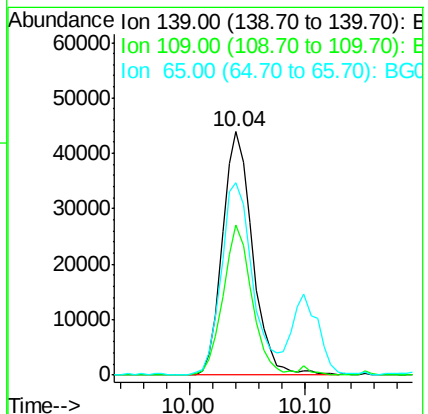
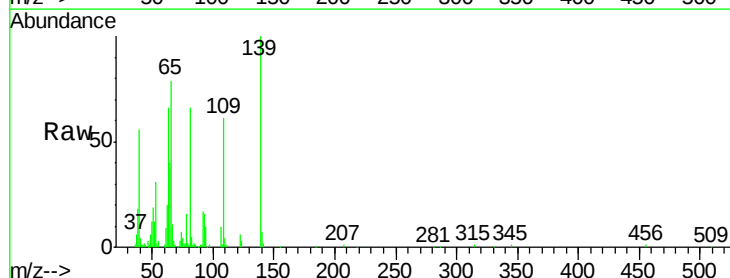
Tgt Ion: 139 Resp: 79222

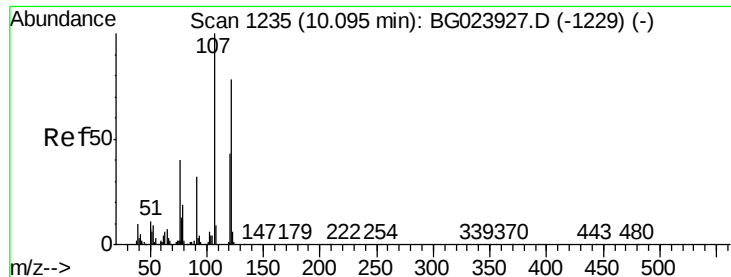
Ion Ratio Lower Upper

139 100

109 61.4 43.5 65.3

65 79.2 64.3 96.5

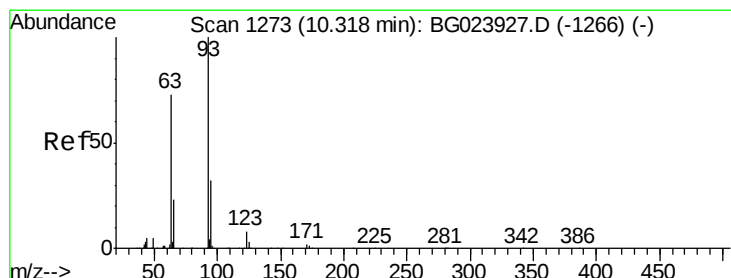
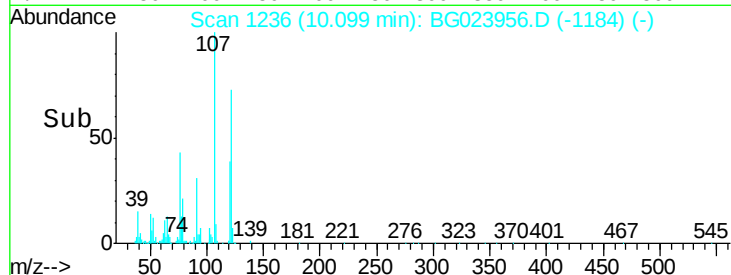
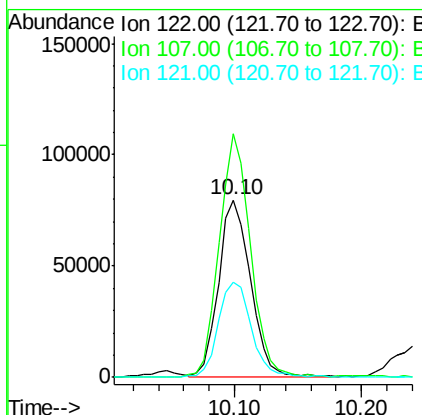
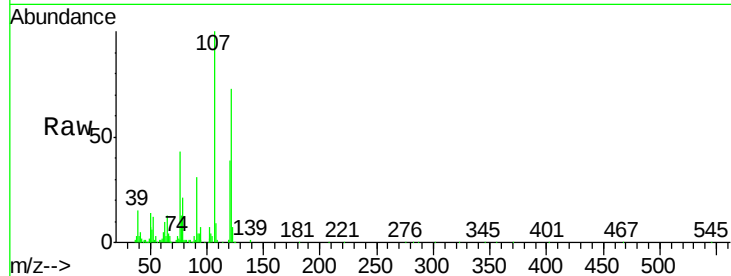




#27  
 2,4-Dimethylphenol  
 Concen: 43.09 ng  
 RT: 10.10 min Scan# 1236  
 Delta R.T. 0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

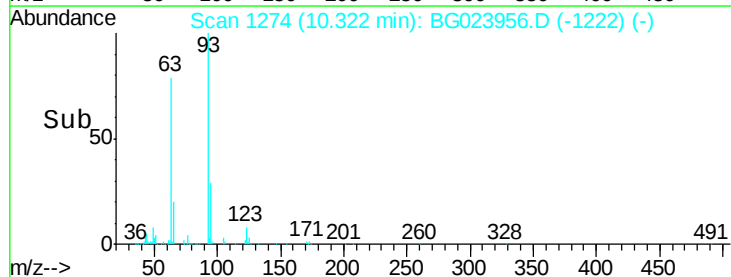
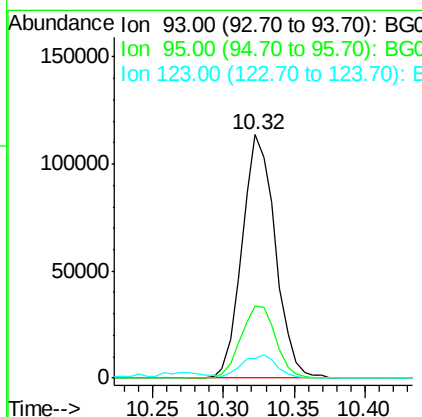
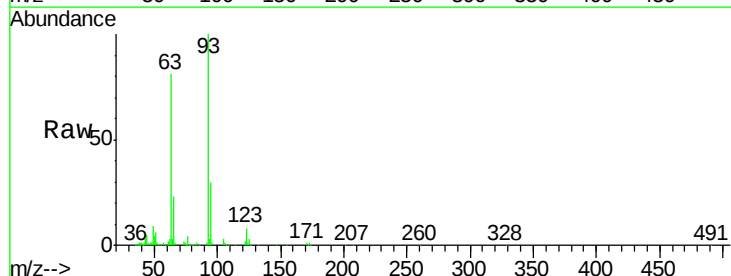
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

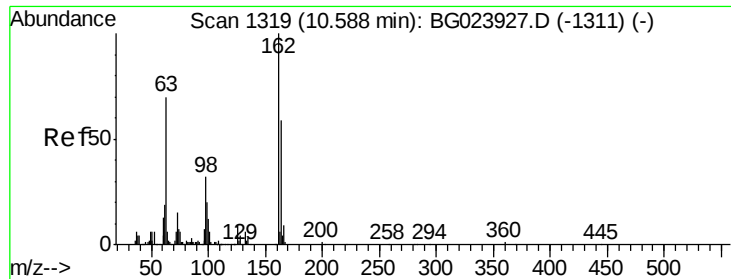
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 137.1 | 117.0 | 175.4 |
| 121     | 53.2  | 50.1  | 75.1  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.16 ng  
 RT: 10.32 min Scan# 1274  
 Delta R.T. 0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 29.6  | 25.4  | 38.2  |
| 123     | 8.2   | 8.2   | 12.2  |

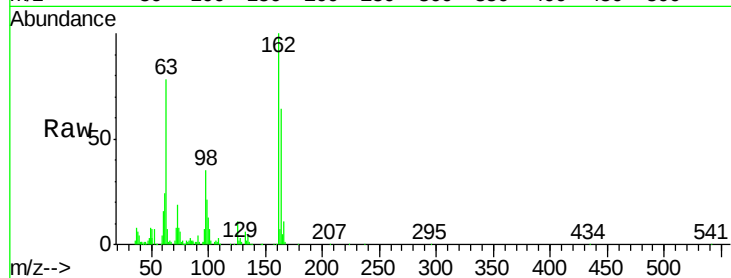




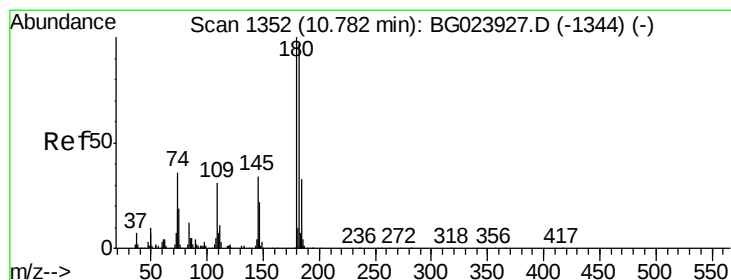
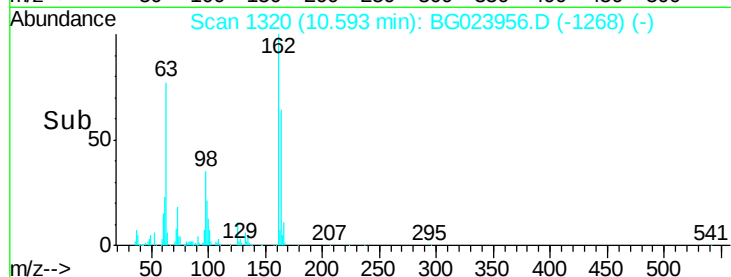
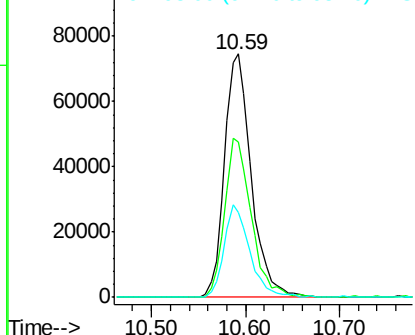
#29  
2,4-Dichlorophenol  
Concen: 43.15 ng  
RT: 10.59 min Scan# 1320  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.9  | 44.3  | 84.3  |
| 98      | 34.8  | 19.5  | 59.5  |

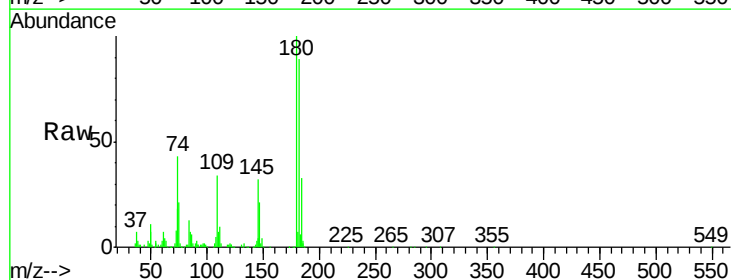


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

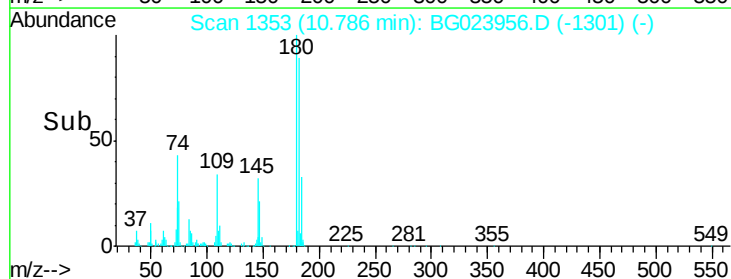
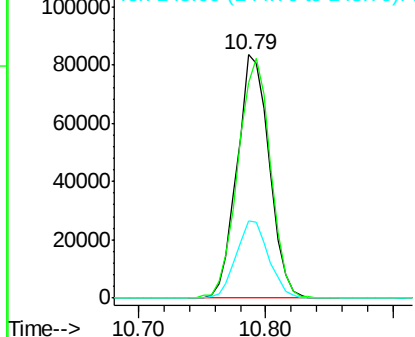


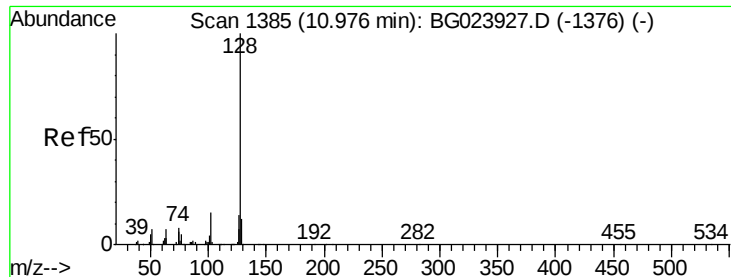
#30  
1,2,4-Trichlorobenzene  
Concen: 39.07 ng  
RT: 10.79 min Scan# 1353  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 88.7  | 73.8  | 110.8 |
| 145     | 31.6  | 24.4  | 36.6  |



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

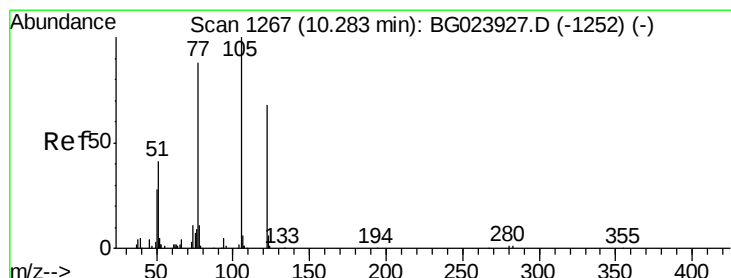
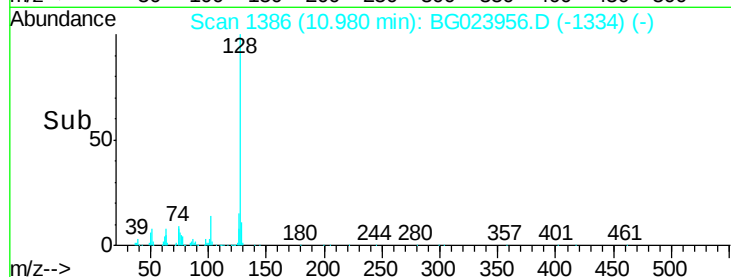
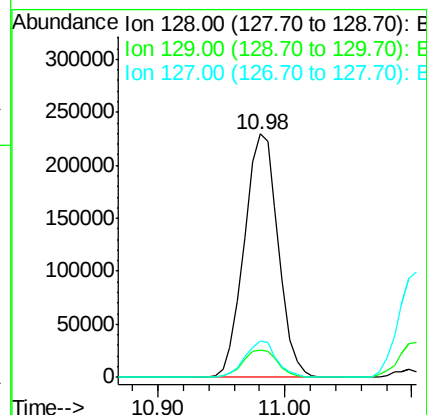
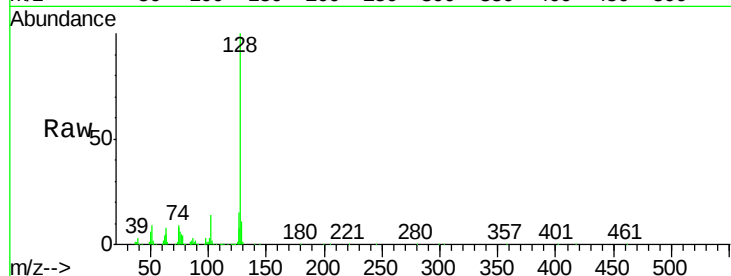




#31  
Naphthalene  
Concen: 39.89 ng  
RT: 10.98 min Scan# 1386  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

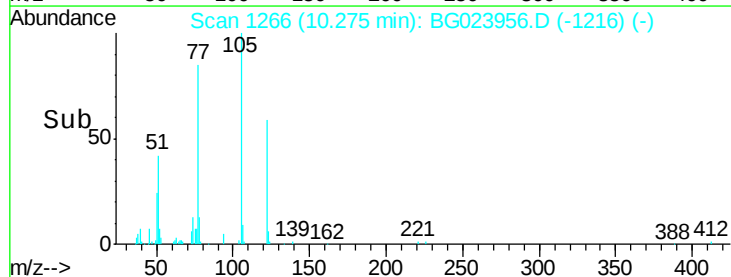
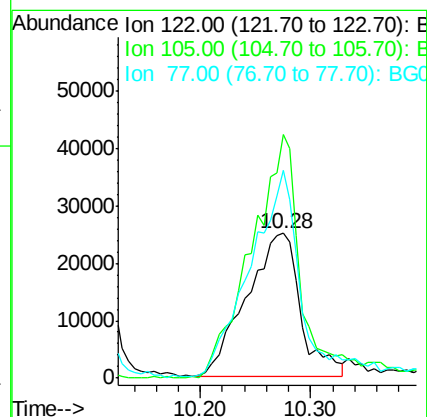
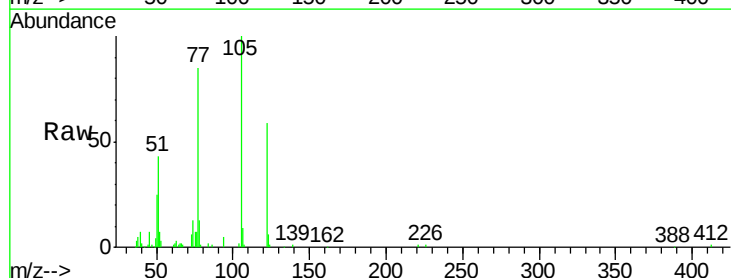
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

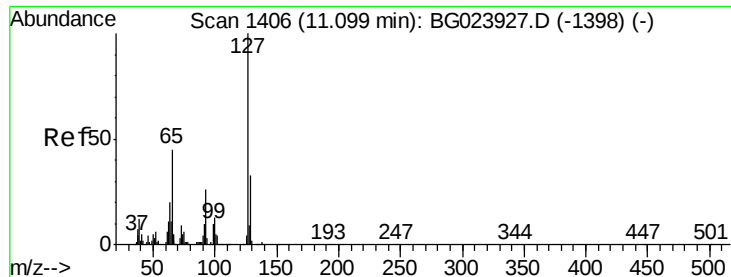
Tgt Ion:128 Resp: 426163  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.4 14.0  
127 14.7 11.3 16.9



#32  
Benzoic acid  
Concen: 32.65 ng  
RT: 10.28 min Scan# 1266  
Delta R.T. -0.01 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

Tgt Ion:122 Resp: 85550  
Ion Ratio Lower Upper  
122 100  
105 168.2 117.2 157.2#  
77 143.2 109.2 149.2

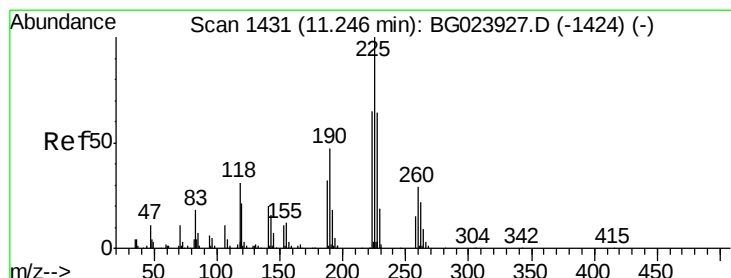
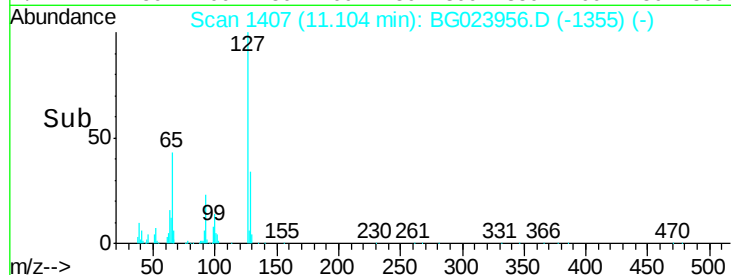
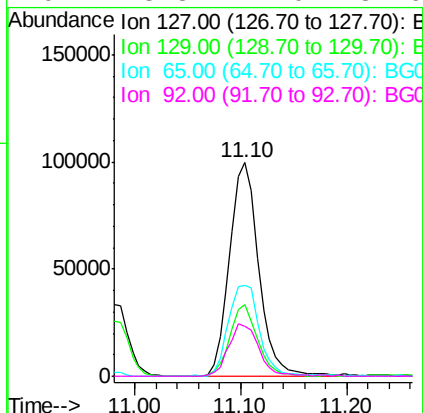
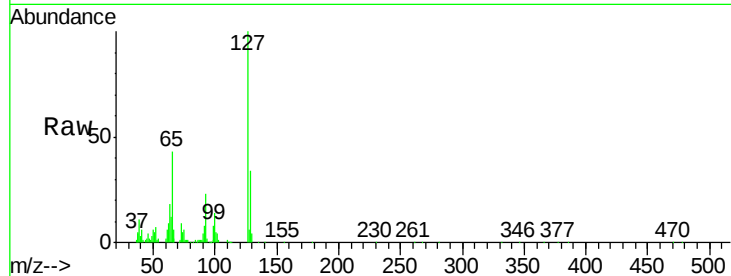




#33  
4-Chloroaniline  
Concen: 42.68 ng  
RT: 11.10 min Scan# 1407  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

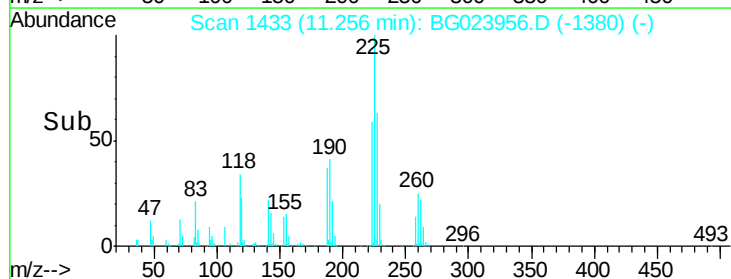
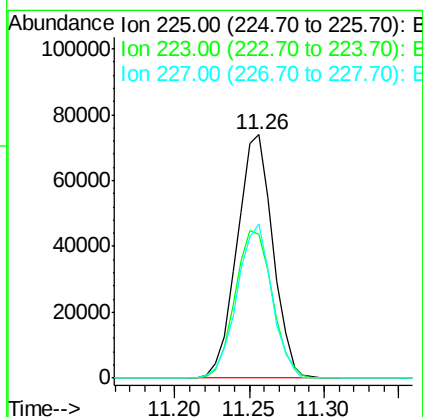
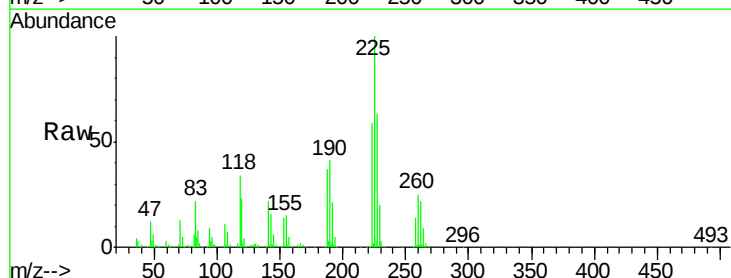
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

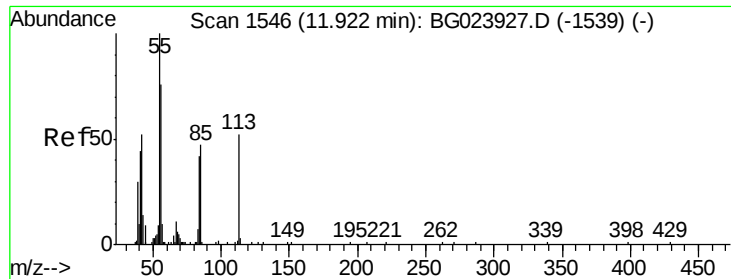
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 190402 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.7  | 27.9  | 41.9   |
| 65       | 42.8  | 36.8  | 55.2   |
| 92       | 23.3  | 21.0  | 31.6   |



#34  
Hexachlorobutadiene  
Concen: 43.67 ng  
RT: 11.26 min Scan# 1433  
Delta R.T. 0.01 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 122962 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 59.1  | 49.6  | 74.4   |
| 227      | 63.1  | 54.5  | 81.7   |

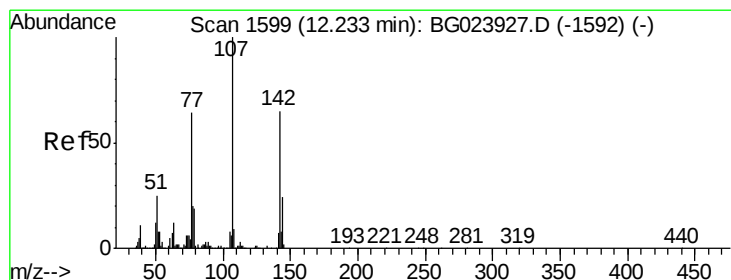
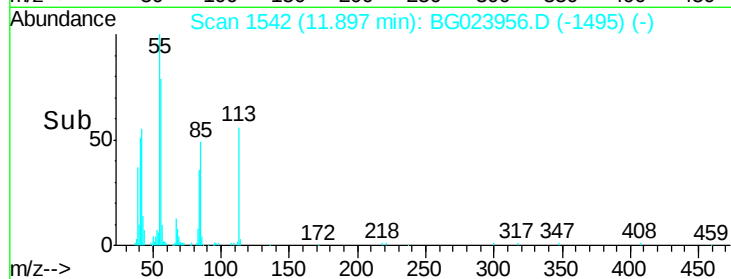
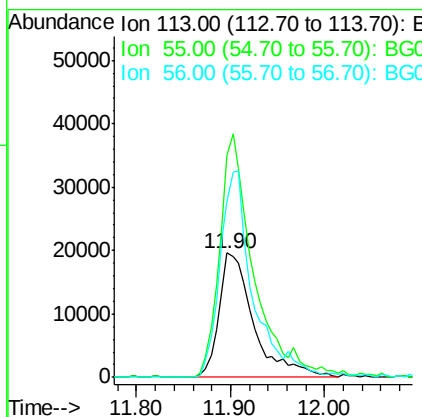
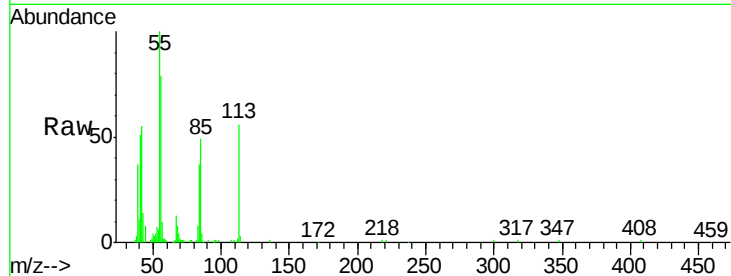




#35  
 Caprolactam  
 Concen: 42.11 ng  
 RT: 11.90 min Scan# 1542  
 Delta R.T. -0.03 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

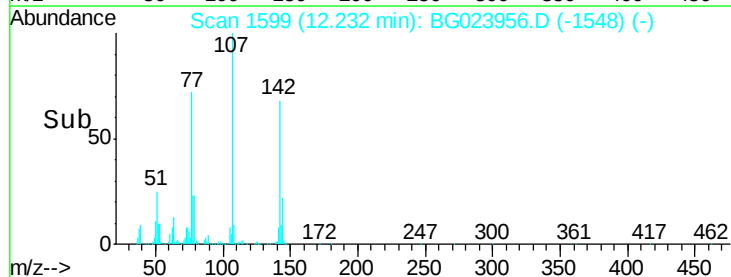
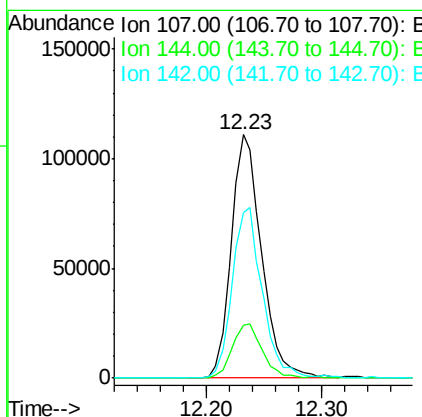
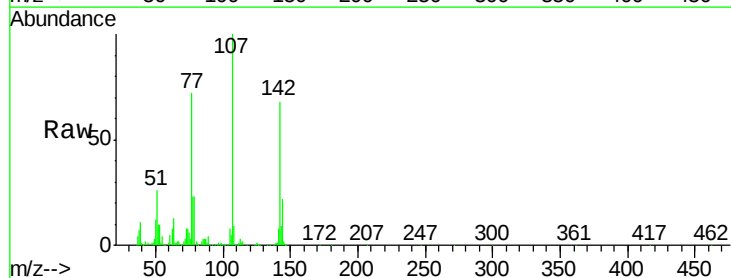
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

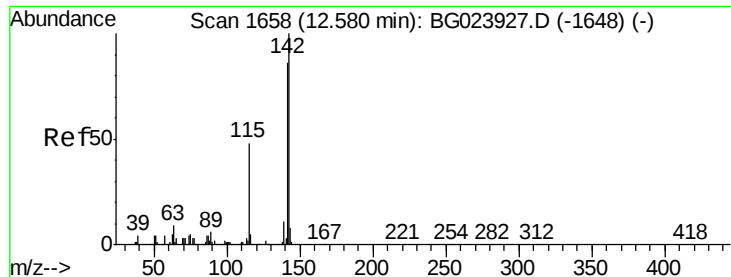
Tgt Ion:113 Resp: 50737  
 Ion Ratio Lower Upper  
 113 100  
 55 178.5 154.5 194.5  
 56 141.0 125.1 165.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.28 ng  
 RT: 12.23 min Scan# 1599  
 Delta R.T. -0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

Tgt Ion:107 Resp: 202244  
 Ion Ratio Lower Upper  
 107 100  
 144 21.8 17.0 25.6  
 142 68.1 53.0 79.6

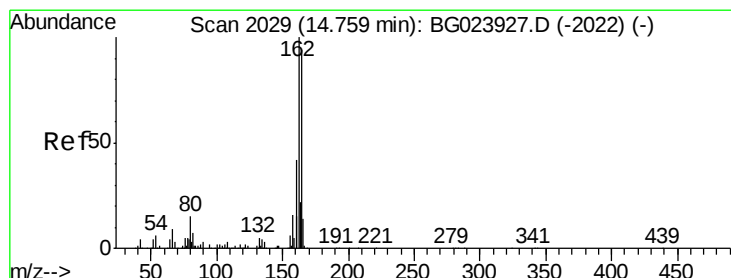
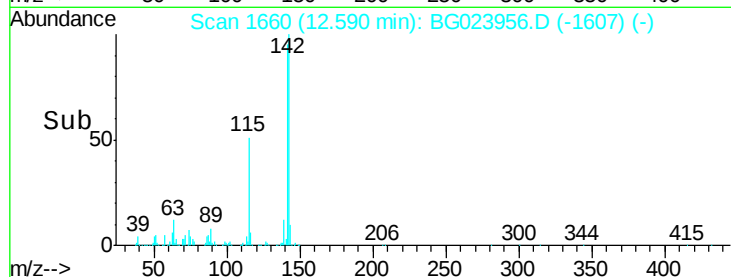
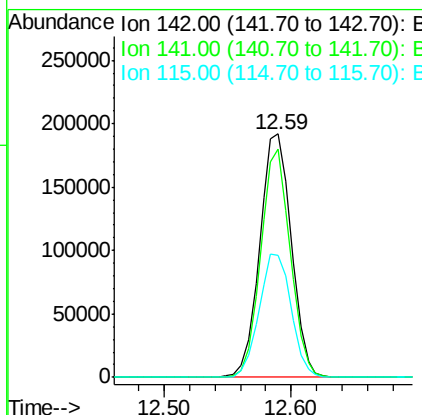
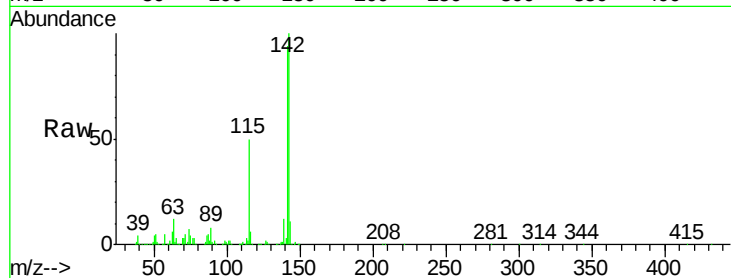




#37  
2-Methylnaphthalene  
Concen: 40.82 ng  
RT: 12.59 min Scan# 1660  
Delta R.T. 0.01 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

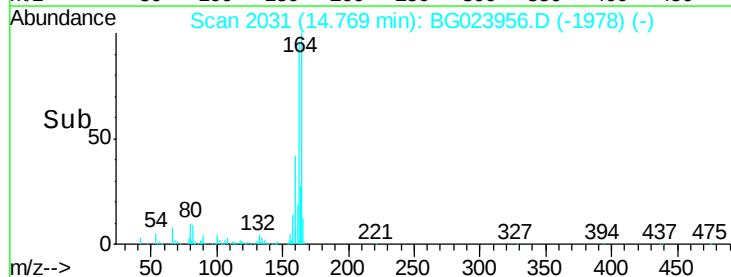
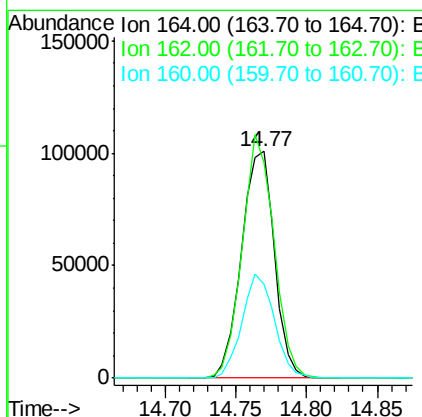
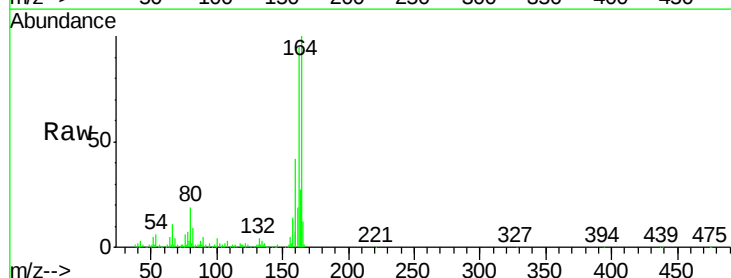
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

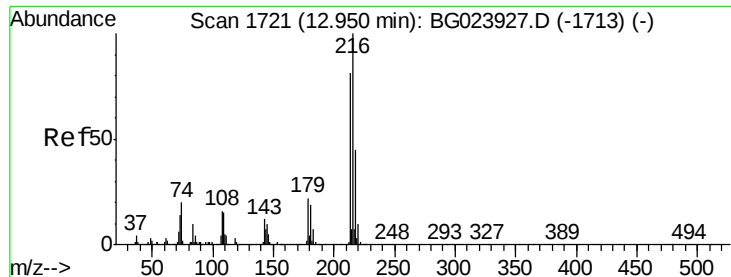
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.5  | 70.2  | 105.2 |
| 115     | 50.2  | 41.7  | 62.5  |



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.77 min Scan# 2031  
Delta R.T. 0.01 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 95.3  | 87.7  | 131.5 |
| 160     | 41.5  | 37.2  | 55.8  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.47 ng

RT: 12.95 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 221509

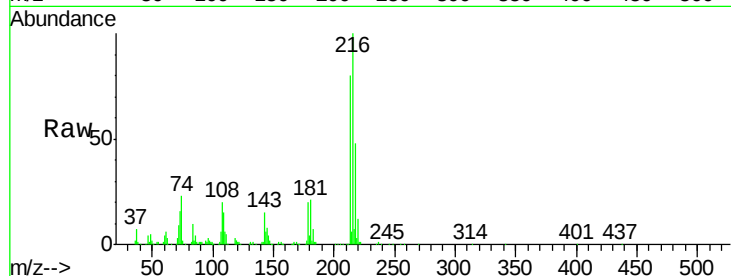
Ion Ratio Lower Upper

216 100

214 79.0 62.9 94.3

179 21.1 17.2 25.8

108 19.2 16.3 24.5

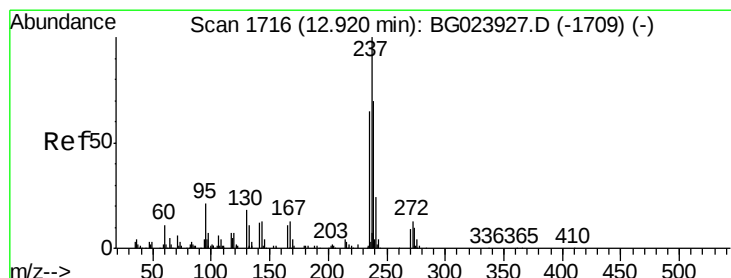
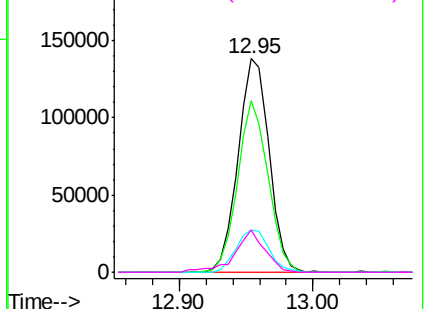
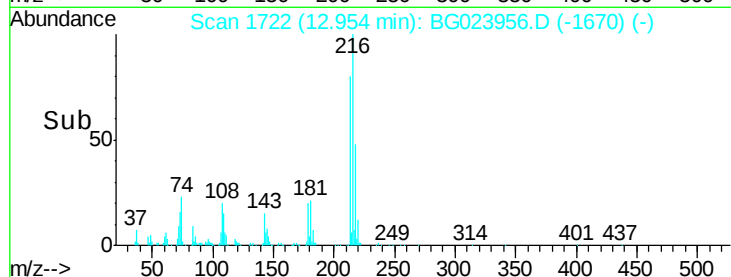


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.60 ng

RT: 12.92 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

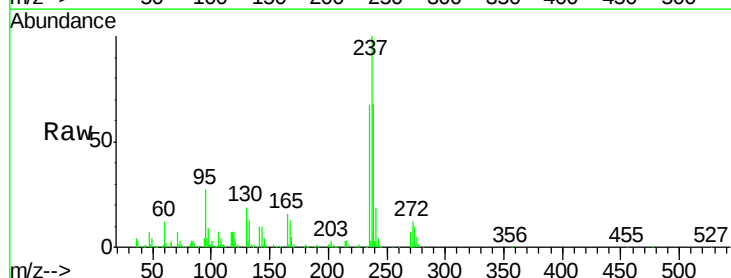
Tgt Ion:237 Resp: 110407

Ion Ratio Lower Upper

237 100

235 67.3 43.1 83.1

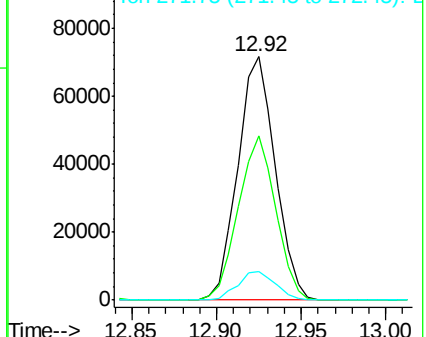
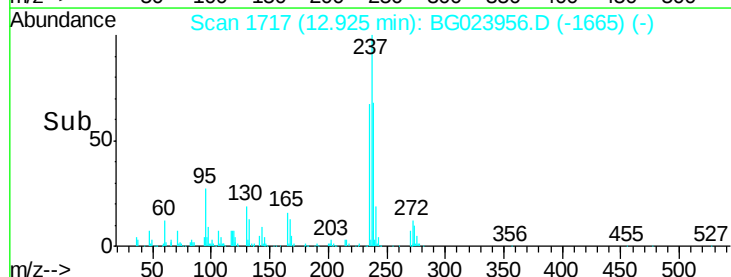
272 11.8 0.0 30.9

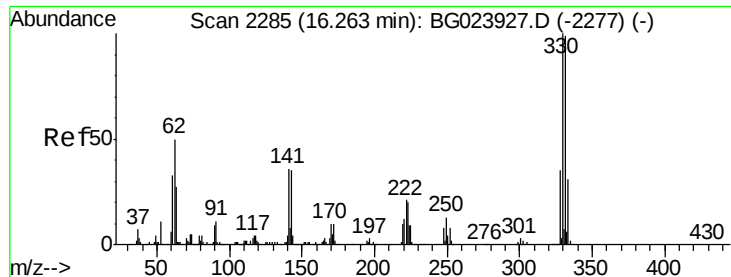


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

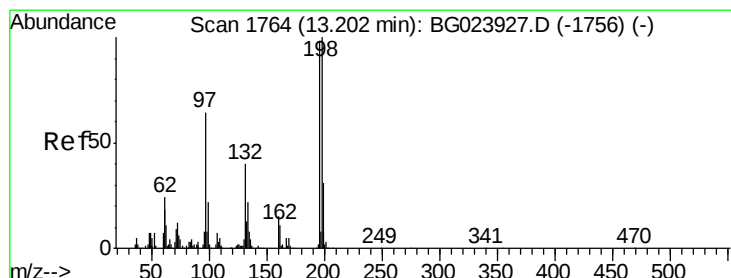
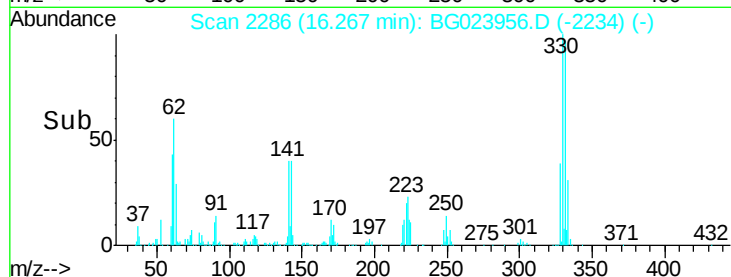
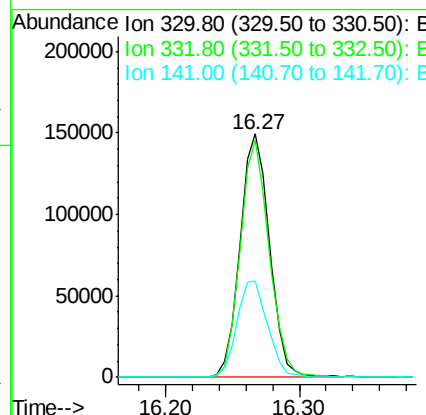
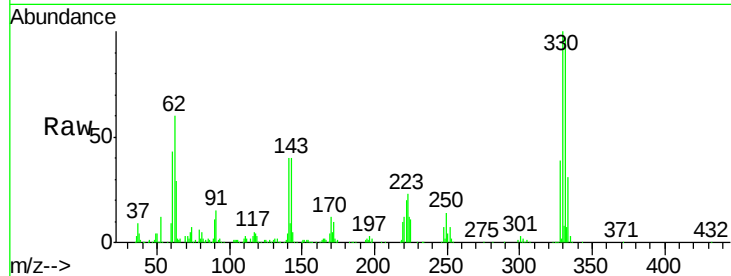




#41  
 2,4,6-Tribromophenol  
 Concen: 76.83 ng  
 RT: 16.27 min Scan# 2286  
 Delta R.T. 0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

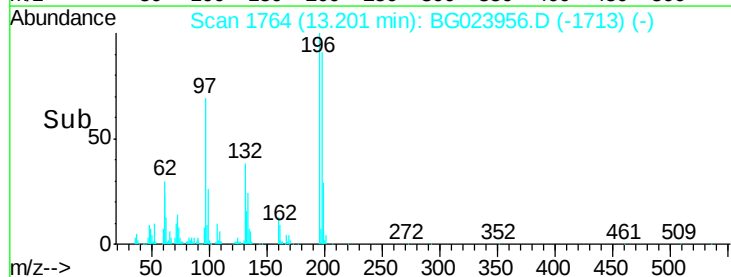
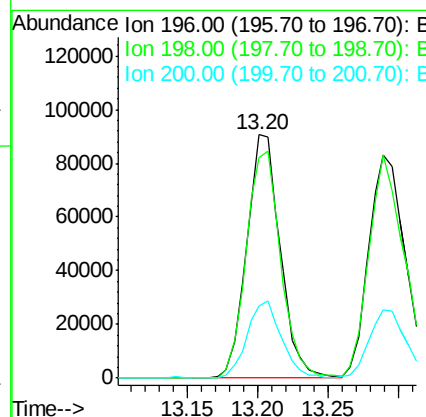
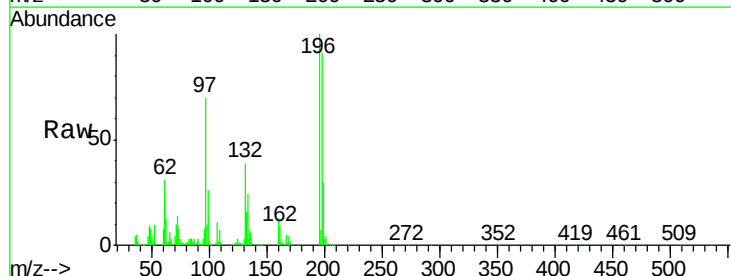
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

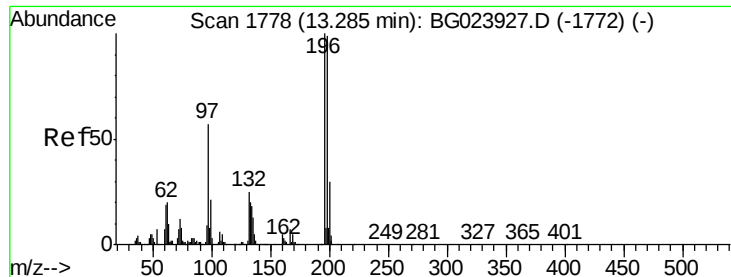
Tgt Ion:330 Resp: 228271  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 77.4 116.2  
 141 41.3 31.7 47.5



#42  
 2,4,6-Trichlorophenol  
 Concen: 41.40 ng  
 RT: 13.20 min Scan# 1764  
 Delta R.T. -0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

Tgt Ion:196 Resp: 151223  
 Ion Ratio Lower Upper  
 196 100  
 198 90.6 78.2 117.2  
 200 29.5 27.0 40.4





#43

2,4,5-Trichlorophenol

Concen: 42.20 ng

RT: 13.29 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 155812

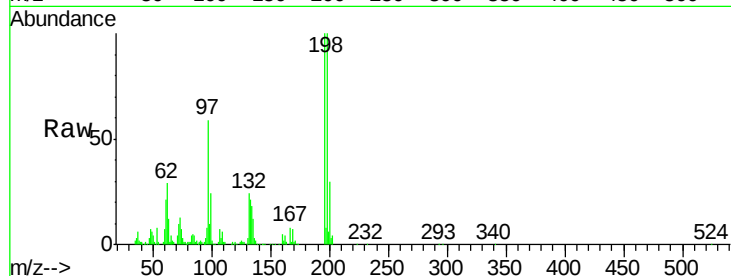
Ion Ratio Lower Upper

196 100

198 100.4 85.7 128.5

97 59.2 45.5 68.3

132 24.3 18.9 28.3

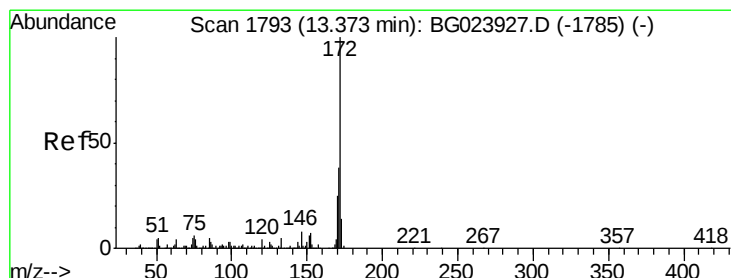
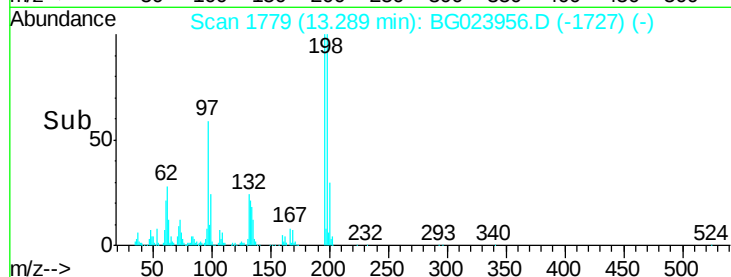
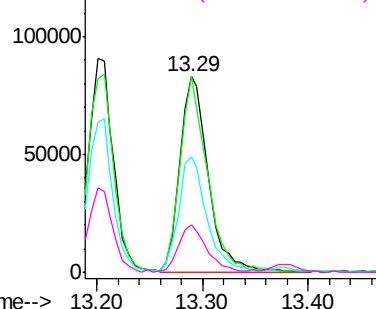


Abundance Ion 196.00 (195.70 to 196.70): E

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: 78.41 ng

RT: 13.38 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

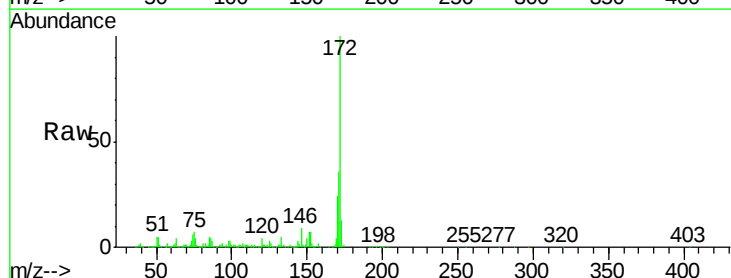
Tgt Ion:172 Resp: 901874

Ion Ratio Lower Upper

172 100

171 36.4 31.6 47.4

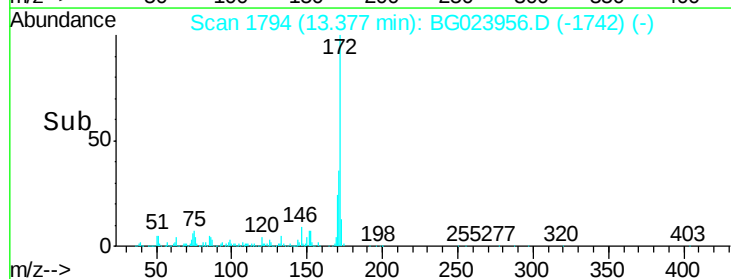
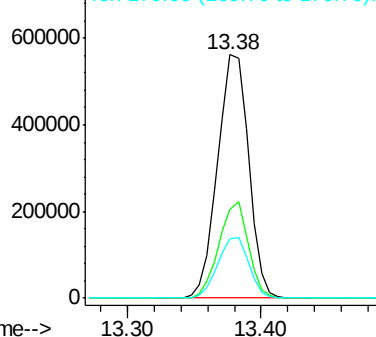
170 24.4 21.3 31.9

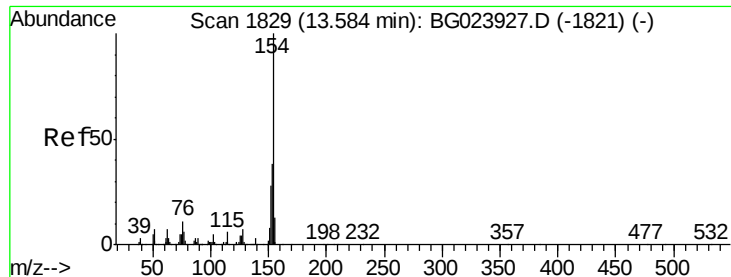


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

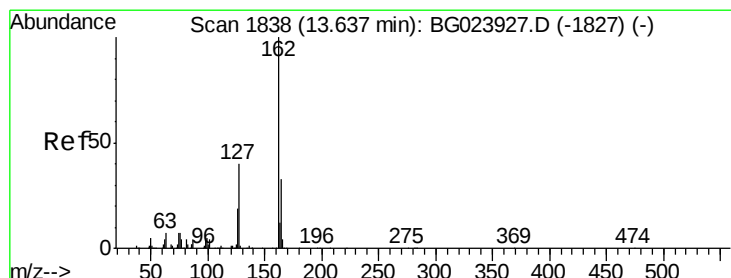
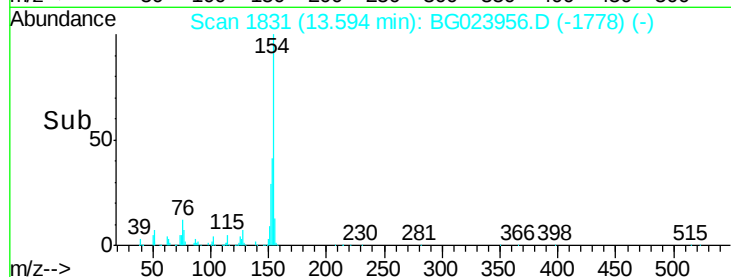
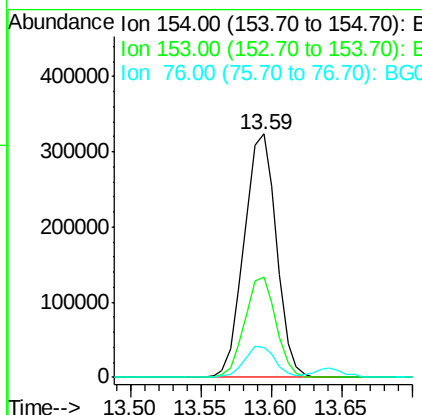
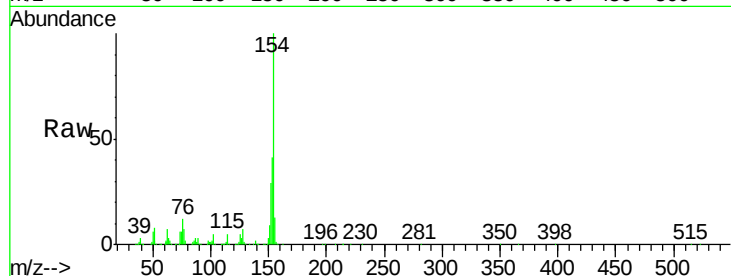




#45  
 1,1'-Biphenyl  
 Concen: 39.23 ng  
 RT: 13.59 min Scan# 1831  
 Delta R.T. 0.01 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

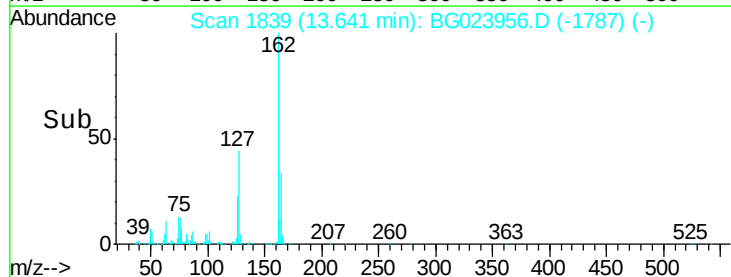
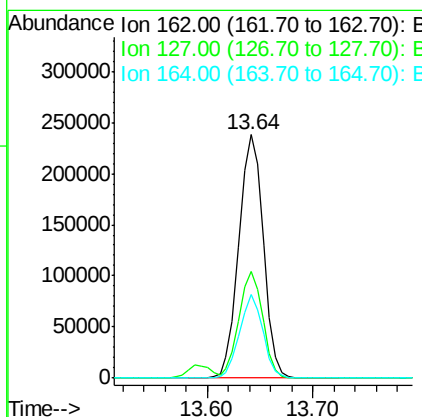
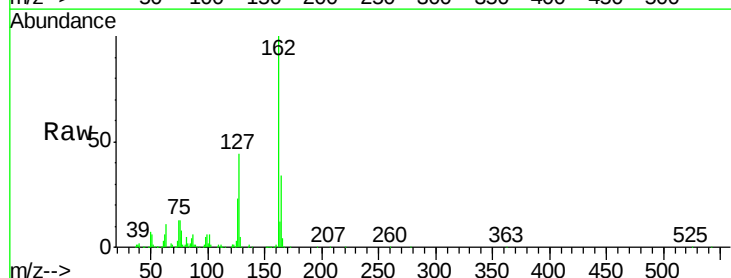
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

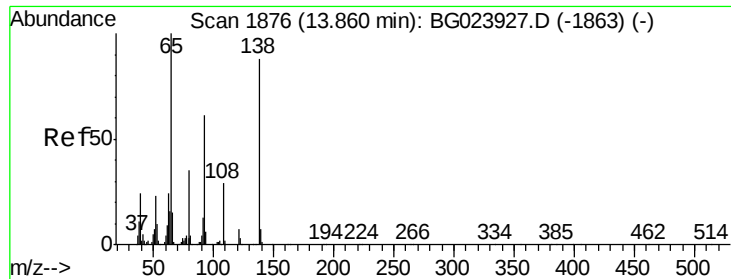
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.3  | 20.2  | 60.2  |
| 76      | 12.4  | 0.0   | 32.9  |



#46  
 2-Chloronaphthalene  
 Concen: 39.01 ng  
 RT: 13.64 min Scan# 1839  
 Delta R.T. 0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.8  | 32.4  | 48.6  |
| 164     | 34.3  | 25.2  | 37.8  |





#47

2-Nitroaniline

Concen: 45.09 ng

RT: 13.86 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

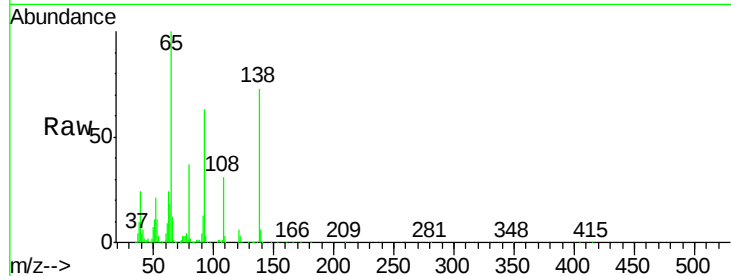
Tgt Ion: 65 Resp: 172953

Ion Ratio Lower Upper

65 100

92 62.5 49.4 74.0

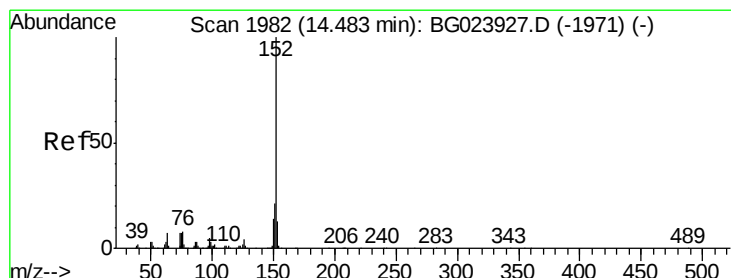
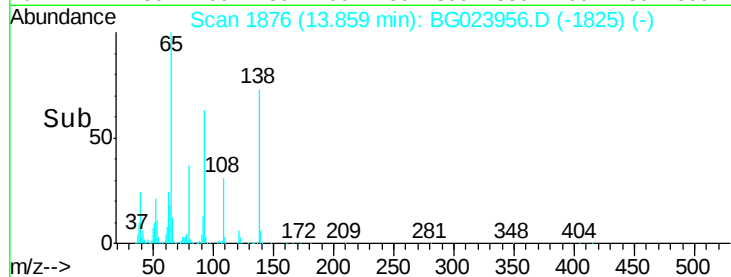
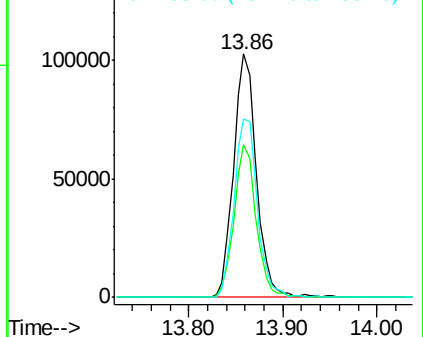
138 73.5 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 39.49 ng

RT: 14.49 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

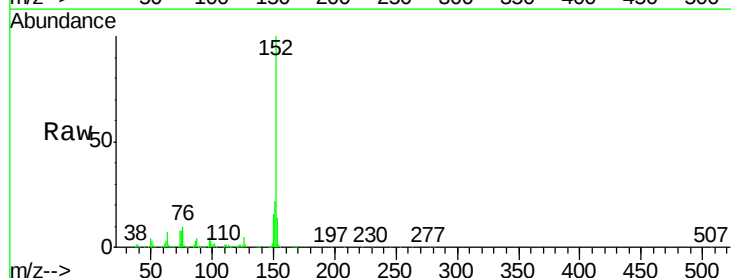
Tgt Ion: 152 Resp: 640998

Ion Ratio Lower Upper

152 100

151 21.7 17.6 26.4

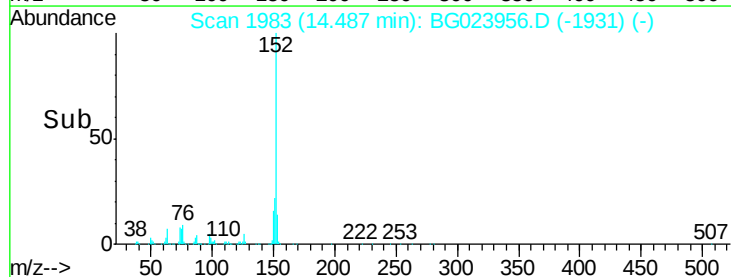
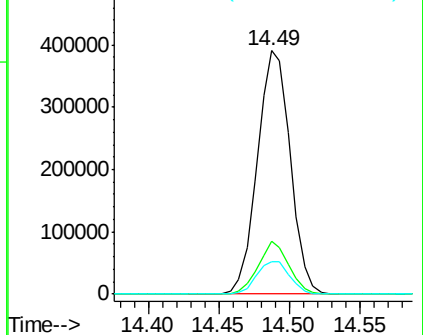
153 13.5 11.4 17.2

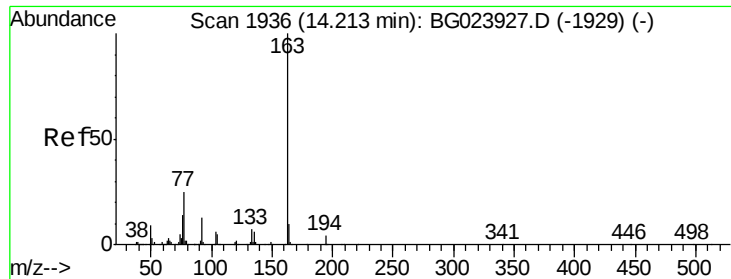


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 38.40 ng

RT: 14.22 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

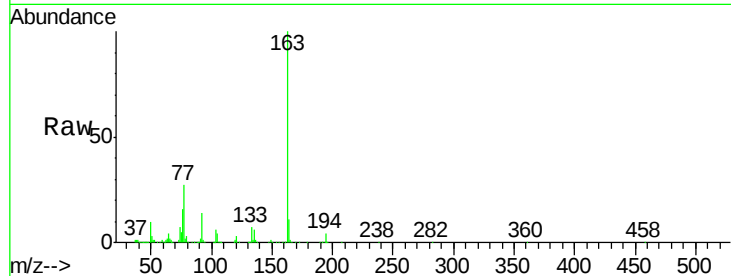
Tgt Ion:163 Resp: 542917

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

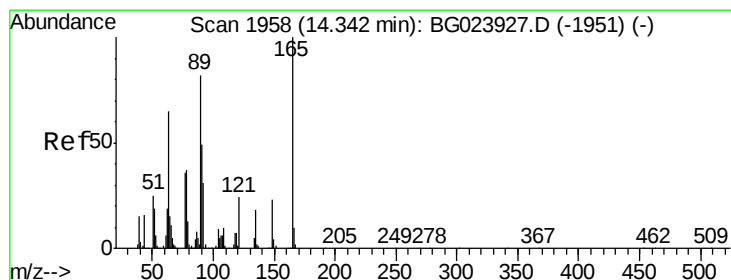
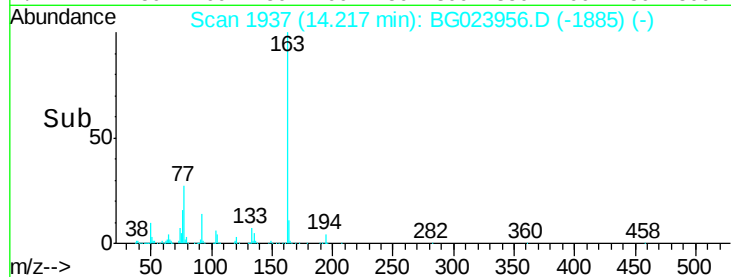
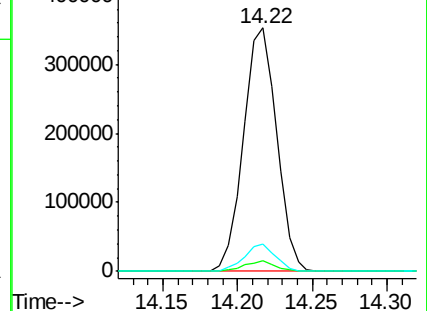
164 11.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.55 ng

RT: 14.35 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

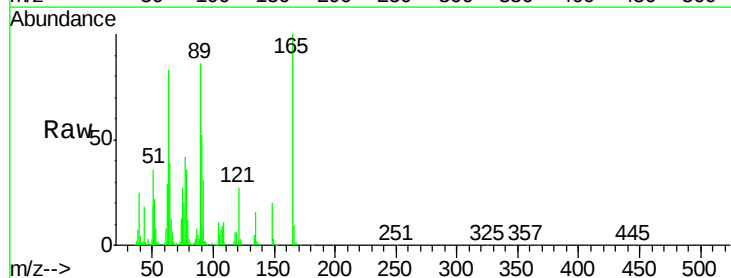
Tgt Ion:165 Resp: 115065

Ion Ratio Lower Upper

165 100

63 82.5 64.3 96.5

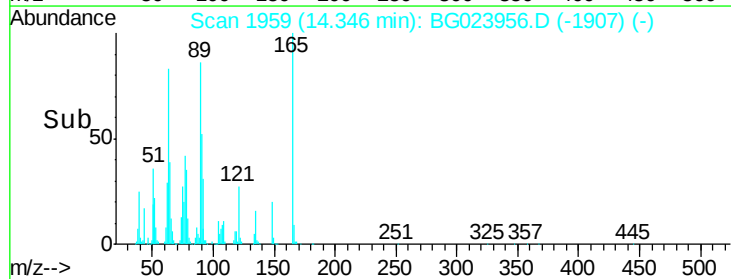
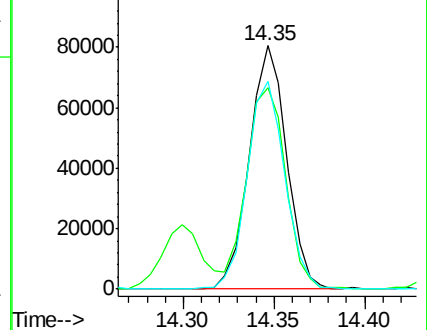
89 85.6 64.3 96.5

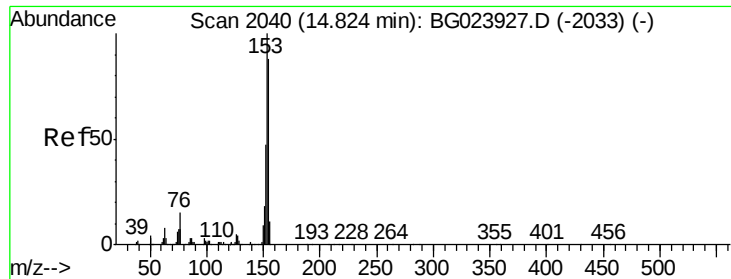


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

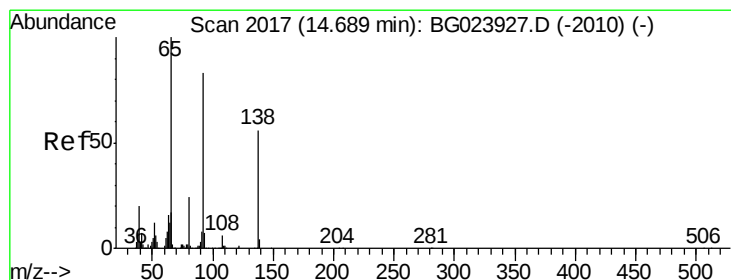
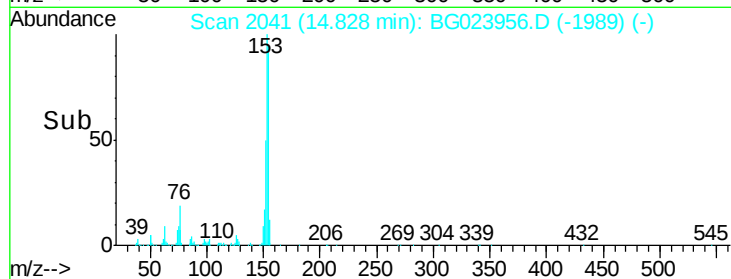
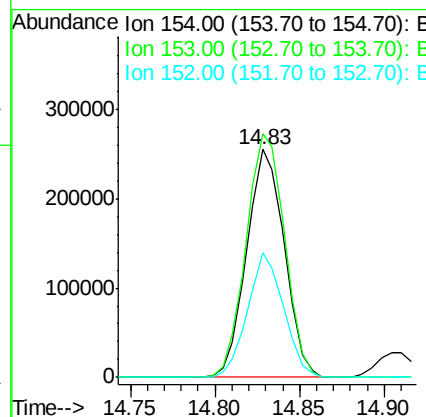
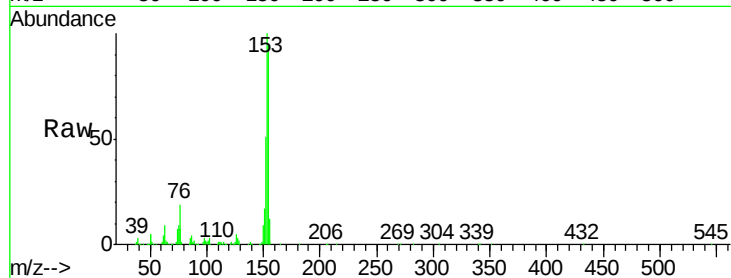




#51  
Acenaphthene  
Concen: 39.46 ng  
RT: 14.83 min Scan# 2041  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

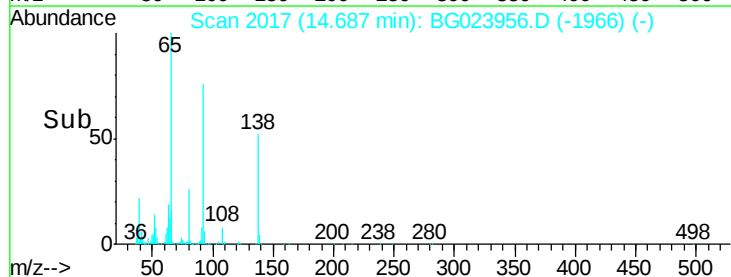
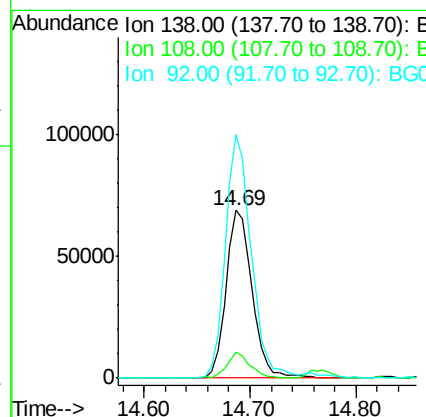
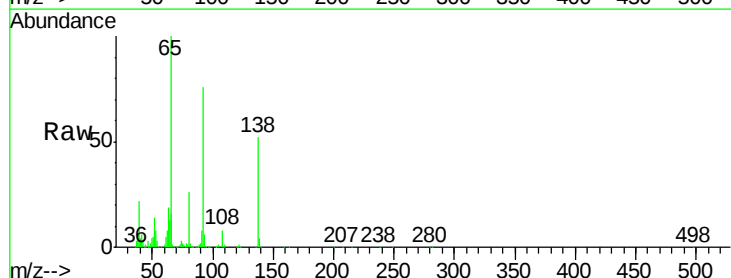
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

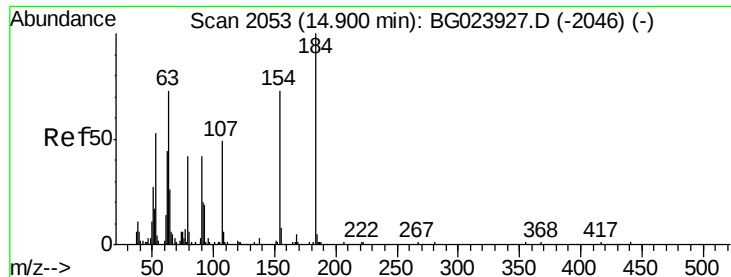
Tgt Ion:154 Resp: 395939  
Ion Ratio Lower Upper  
154 100  
153 106.7 87.5 131.3  
152 54.6 42.7 64.1



#52  
3-Nitroaniline  
Concen: 42.06 ng  
RT: 14.69 min Scan# 2017  
Delta R.T. -0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

Tgt Ion:138 Resp: 117442  
Ion Ratio Lower Upper  
138 100  
108 15.2 11.7 17.5  
92 145.2 129.7 194.5

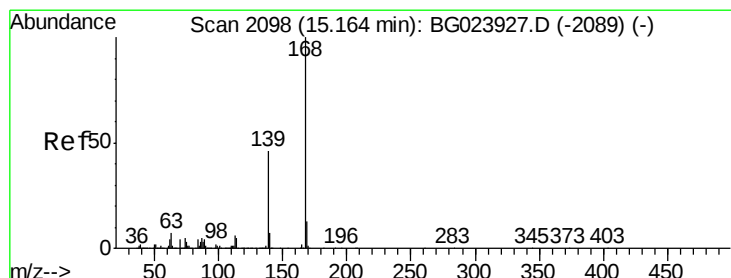
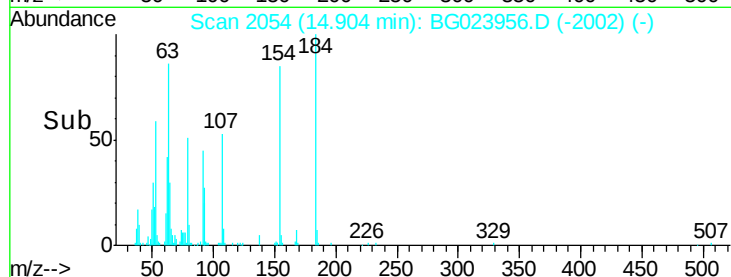
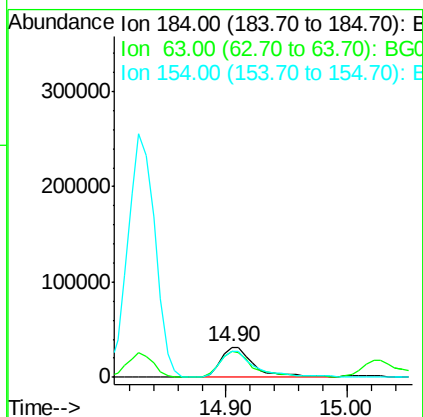
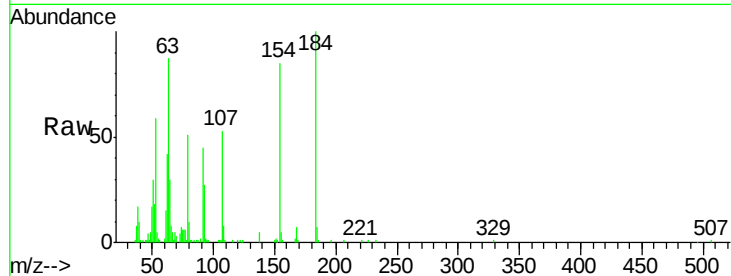




#53  
2,4-Dinitrophenol  
Concen: 32.72 ng  
RT: 14.90 min Scan# 2054  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

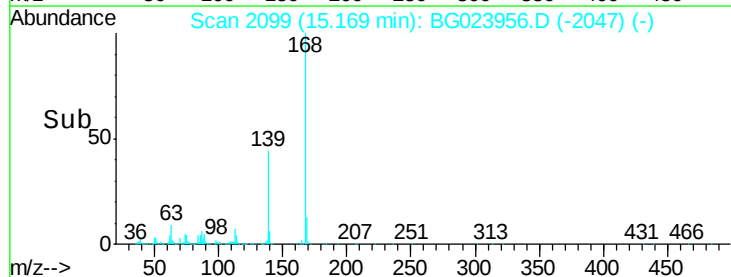
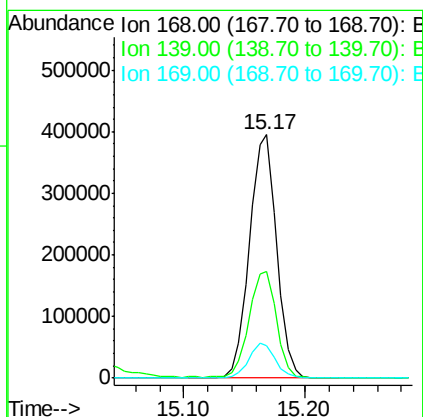
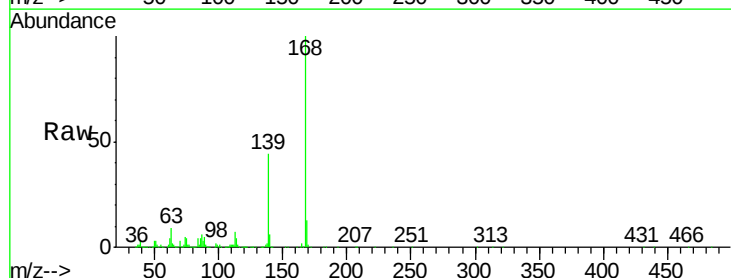
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

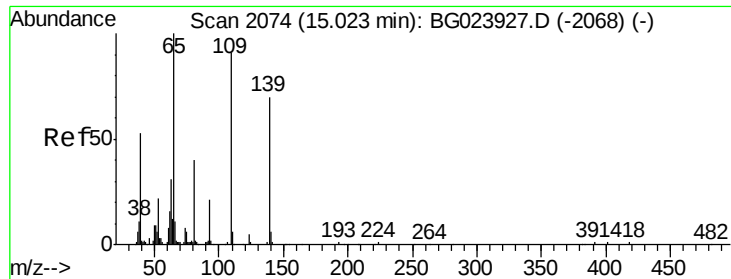
Tgt Ion:184 Resp: 62256  
Ion Ratio Lower Upper  
184 100  
63 86.8 59.6 89.4  
154 85.0 67.4 101.0



#54  
Dibenzofuran  
Concen: 39.33 ng  
RT: 15.17 min Scan# 2099  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

Tgt Ion:168 Resp: 615977  
Ion Ratio Lower Upper  
168 100  
139 43.7 36.4 54.6  
169 13.5 11.9 17.9





#55

4-Nitrophenol

Concen: 35.18 ng

RT: 15.03 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

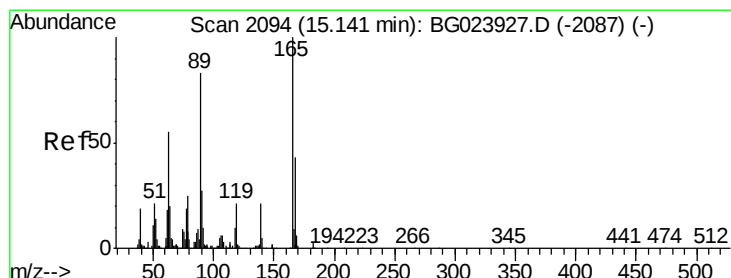
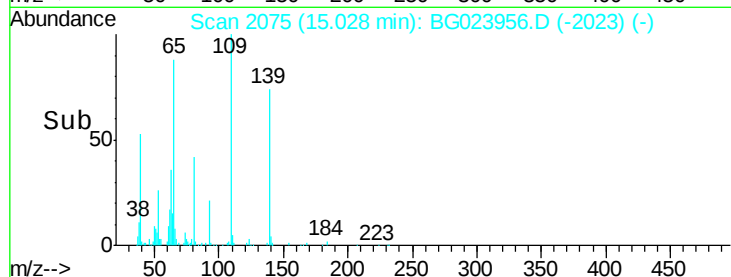
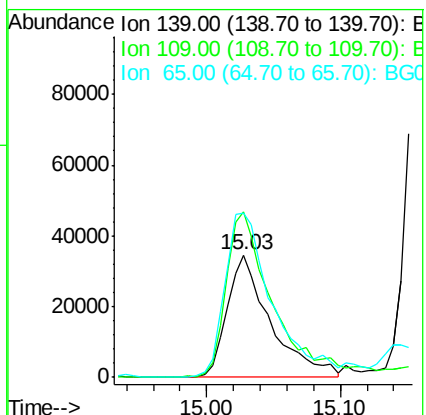
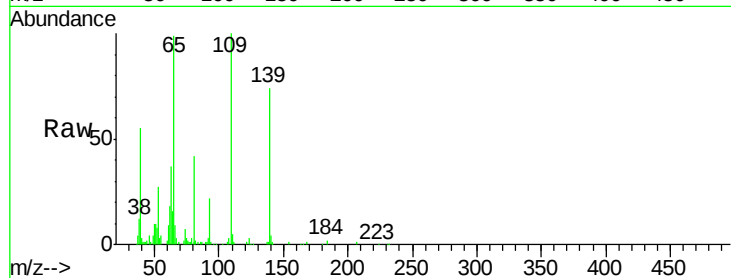
Tgt Ion:139 Resp: 78139

Ion Ratio Lower Upper

139 100

109 135.5 103.0 143.0

65 134.1 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 38.68 ng

RT: 15.15 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Tgt Ion:165 Resp: 169697

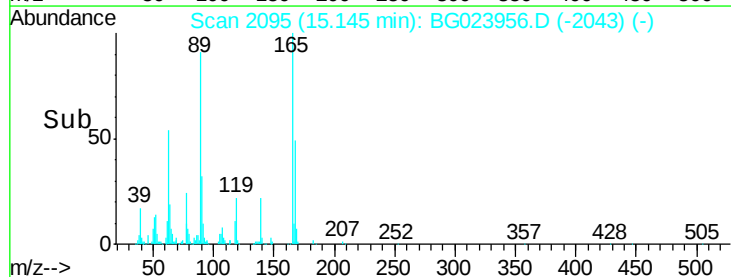
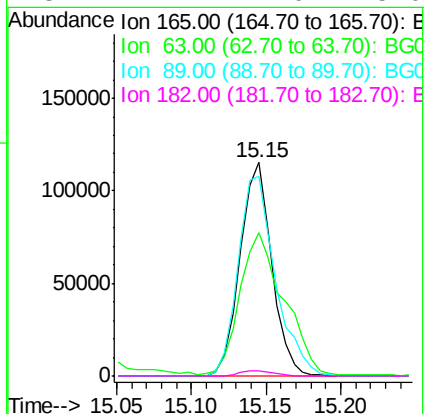
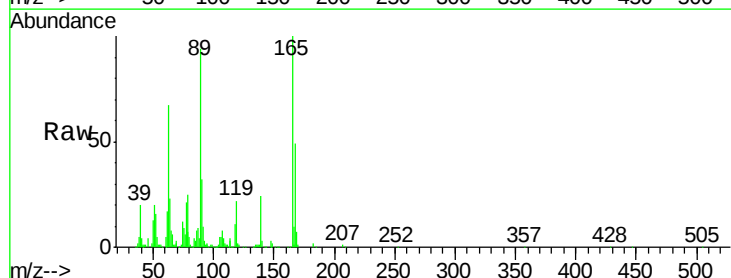
Ion Ratio Lower Upper

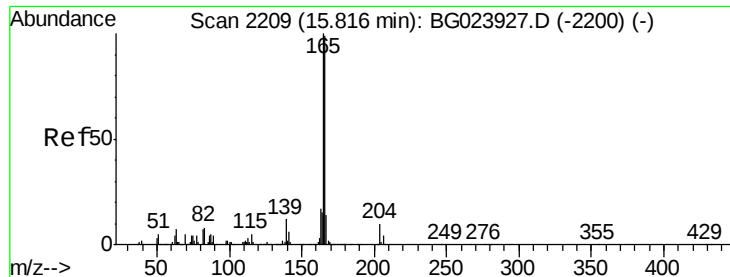
165 100

63 67.2 45.8 68.6

89 93.7 68.6 102.8

182 2.4 2.0 3.0





#57

Fluorene

Concen: 39.29 ng

RT: 15.81 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

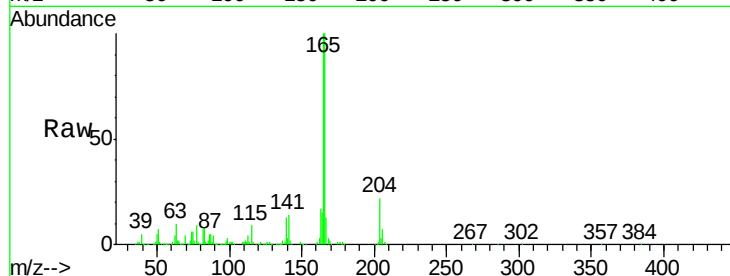
Tgt Ion:166 Resp: 533643

Ion Ratio Lower Upper

166 100

165 99.7 81.0 121.6

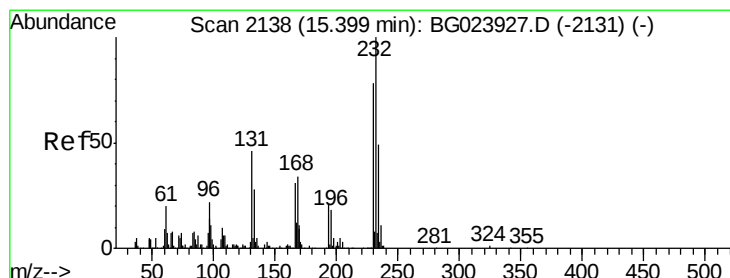
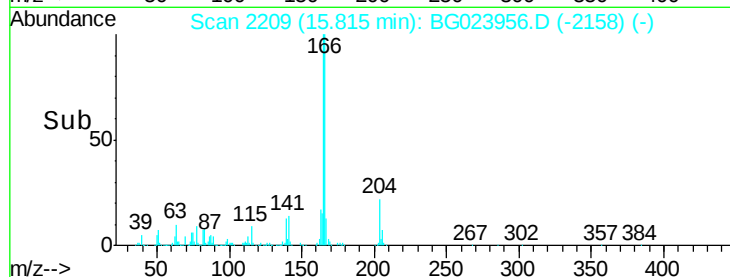
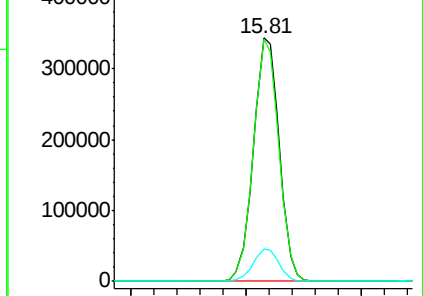
167 13.5 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.68 ng

RT: 15.40 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Tgt Ion:232 Resp: 156221

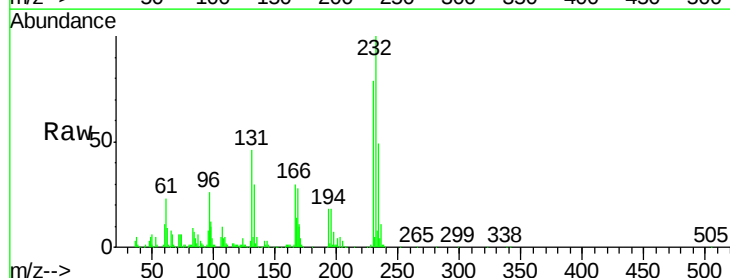
Ion Ratio Lower Upper

232 100

131 44.9 32.7 49.1

130 3.0 2.6 3.8

166 29.0 23.0 34.6

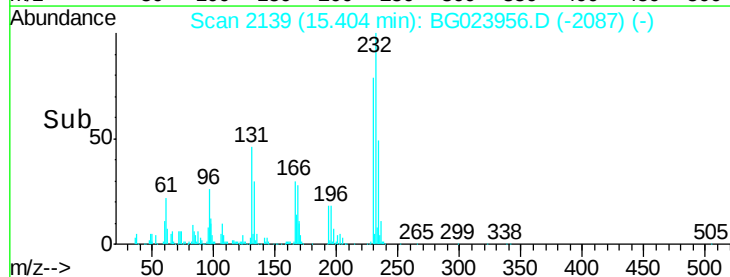
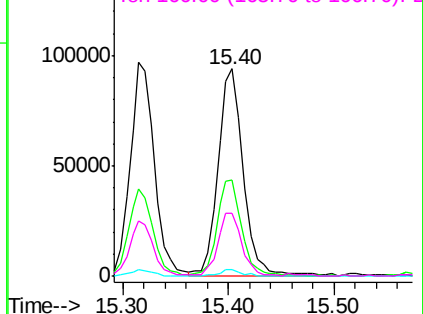


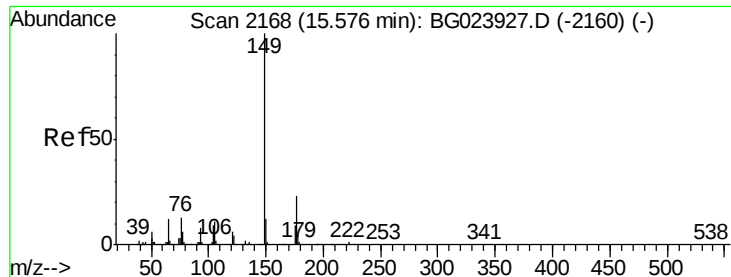
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.65 ng

RT: 15.57 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

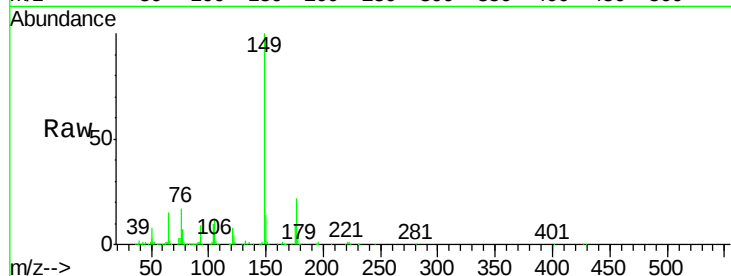
Tgt Ion:149 Resp: 568367

Ion Ratio Lower Upper

149 100

177 22.3 19.2 28.8

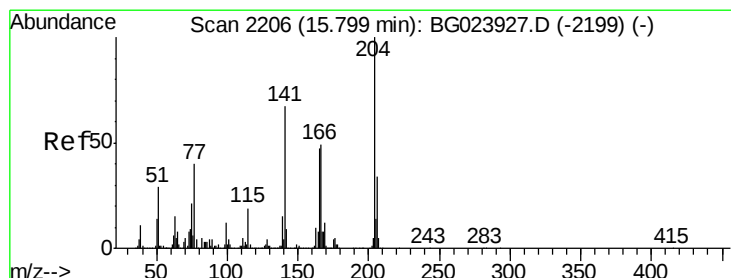
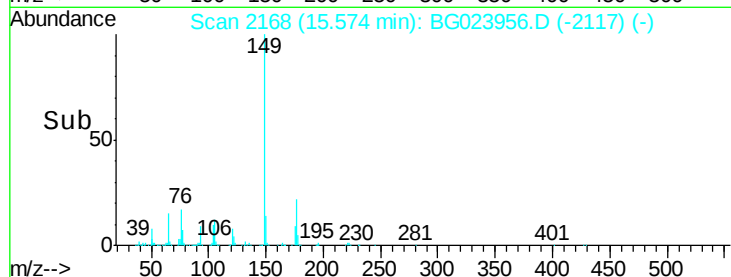
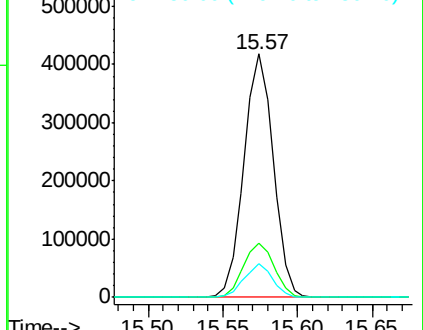
150 14.1 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.78 ng

RT: 15.80 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

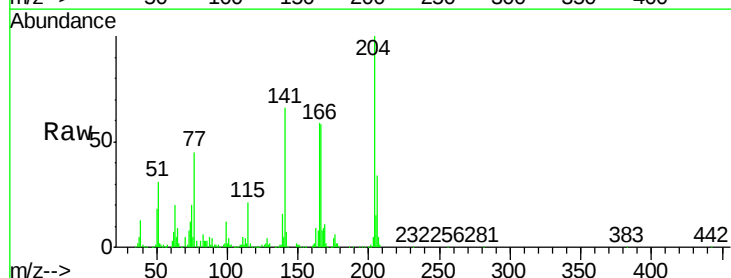
Tgt Ion:204 Resp: 290860

Ion Ratio Lower Upper

204 100

206 34.3 28.5 42.7

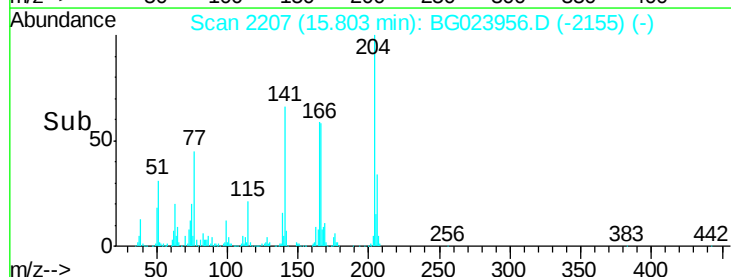
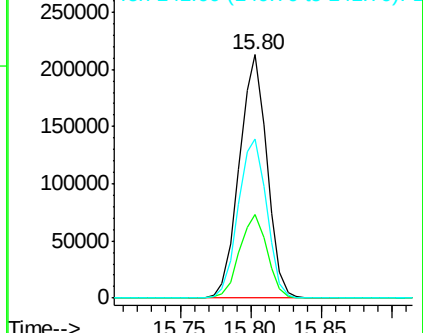
141 65.5 51.4 77.0

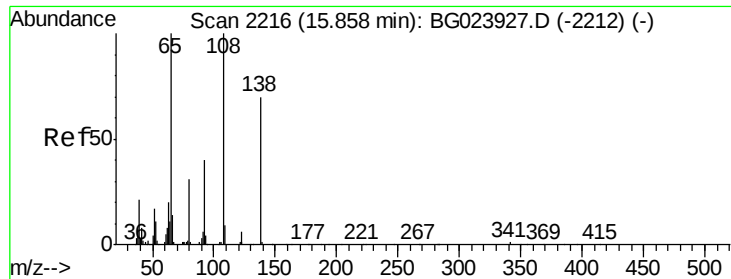


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

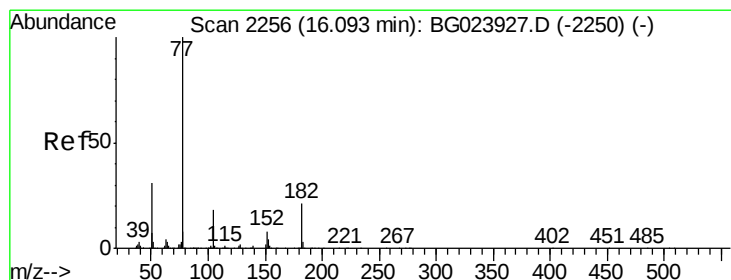
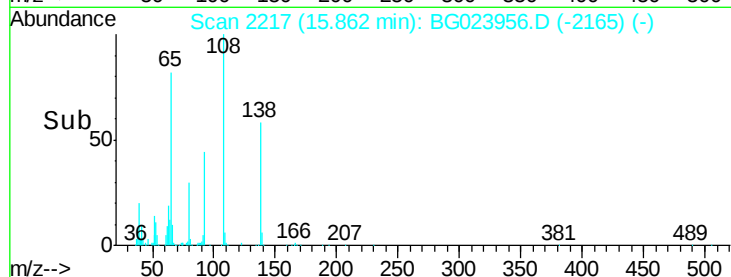
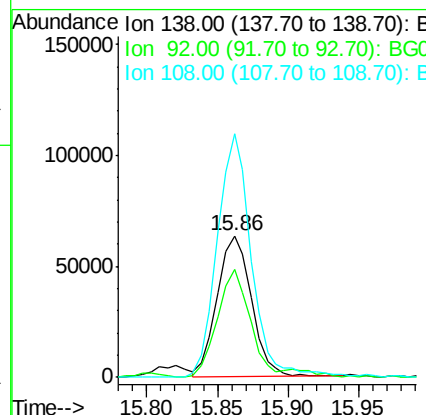
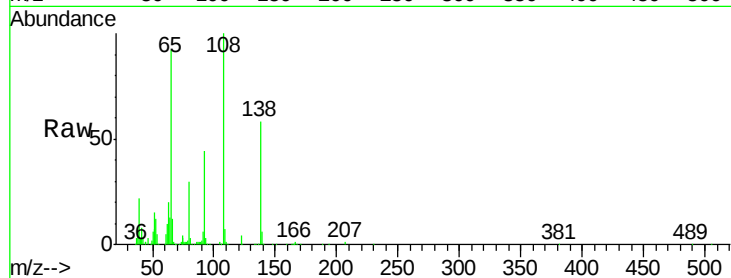




#61  
4-Nitroaniline  
Concen: 38.19 ng  
RT: 15.86 min Scan# 2217  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

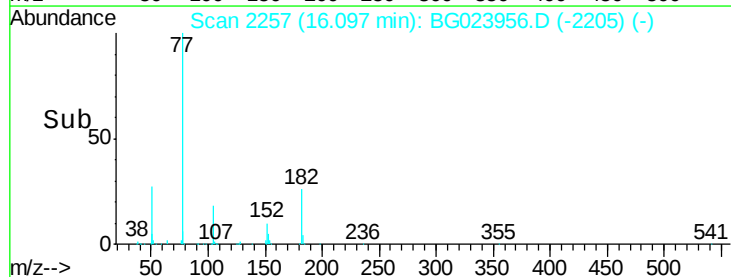
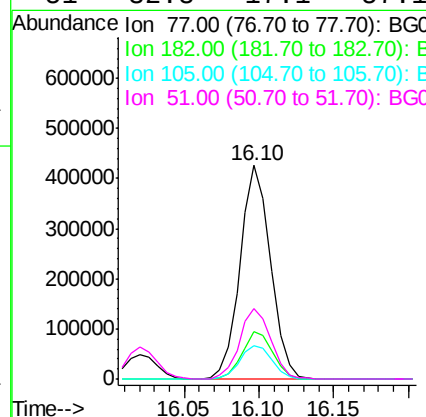
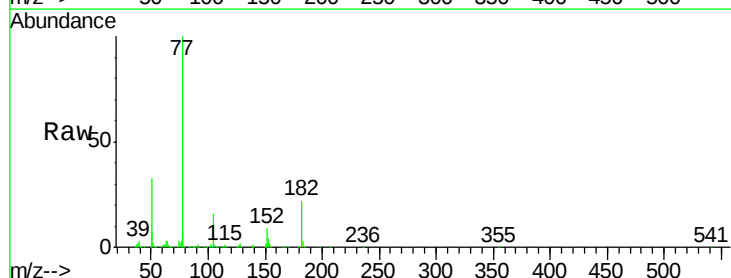
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

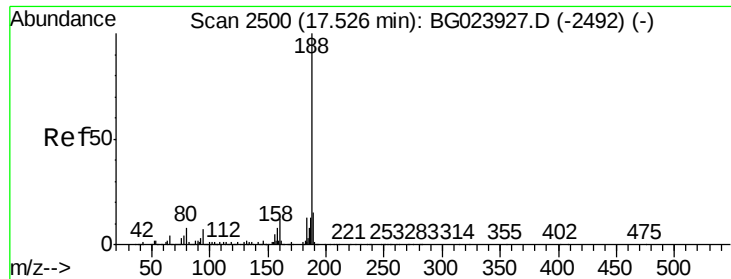
Tgt Ion: 138 Resp: 107784  
Ion Ratio Lower Upper  
138 100  
92 76.0 54.1 94.1  
108 172.2 133.9 173.9



#62  
Azobenzene  
Concen: 41.29 ng  
RT: 16.10 min Scan# 2257  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

Tgt Ion: 77 Resp: 603713  
Ion Ratio Lower Upper  
77 100  
182 22.5 3.5 43.5  
105 15.7 0.0 38.5  
51 32.8 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

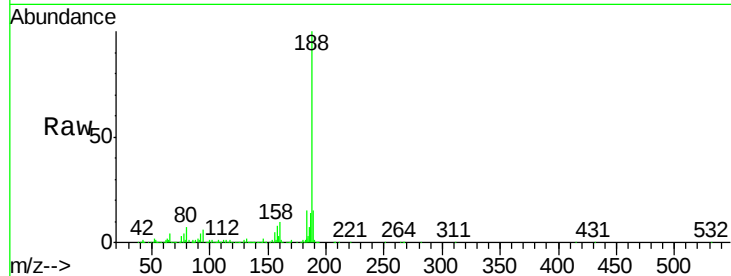
Tgt Ion:188 Resp: 426268

Ion Ratio Lower Upper

188 100

94 6.0 5.2 7.8

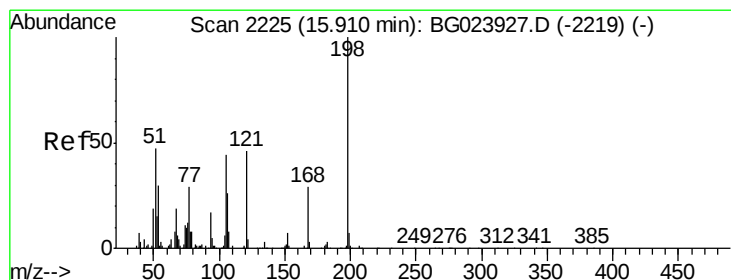
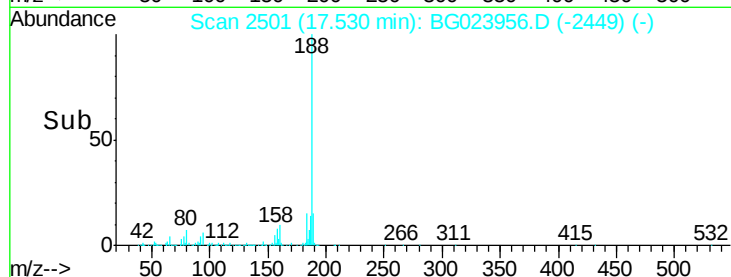
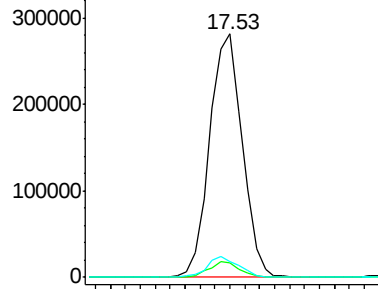
80 6.7 7.2 10.8#



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: 38.95 ng

RT: 15.91 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

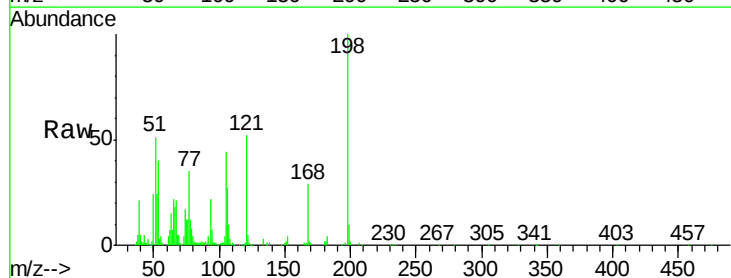
Tgt Ion:198 Resp: 115272

Ion Ratio Lower Upper

198 100

51 51.2 26.0 66.0

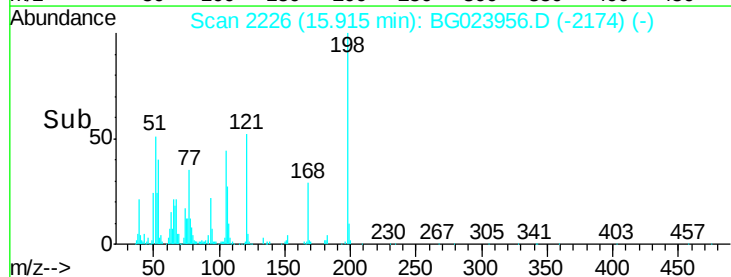
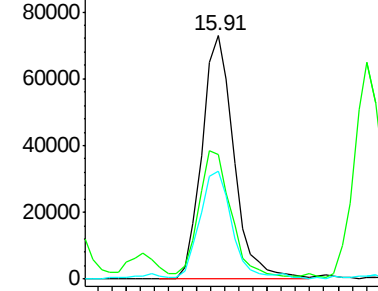
105 44.3 20.1 60.1



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

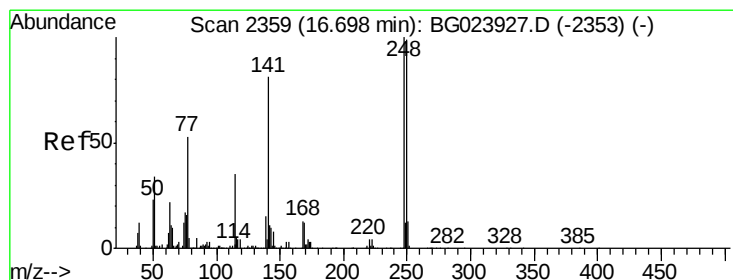
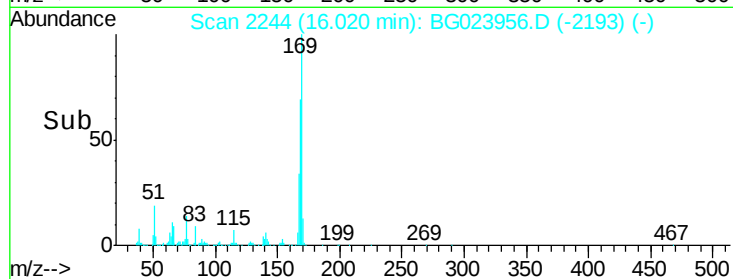
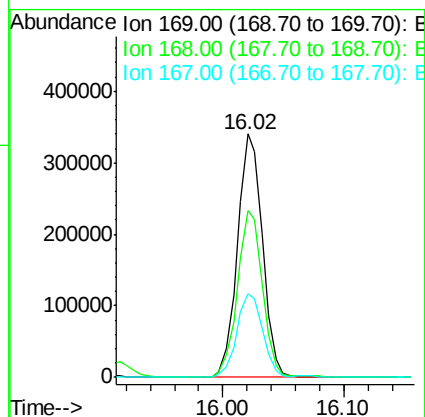
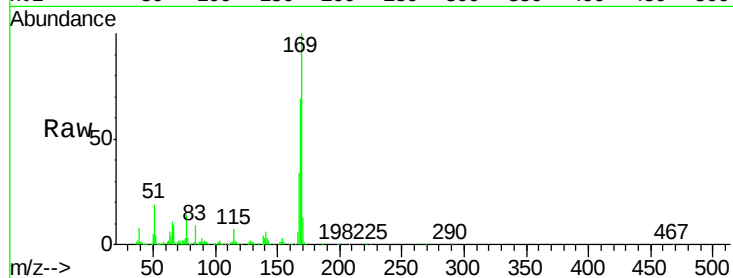




#65  
n-Nitrosodiphenylamine  
Concen: 40.45 ng  
RT: 16.02 min Scan# 2244  
Delta R.T. -0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

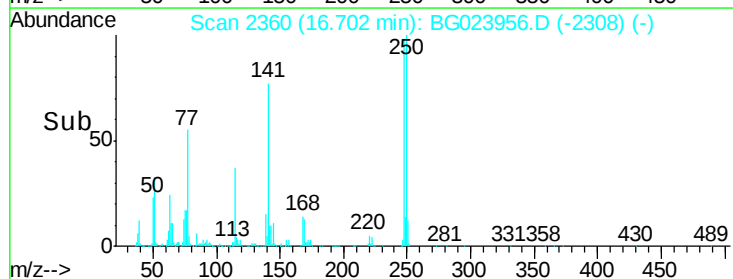
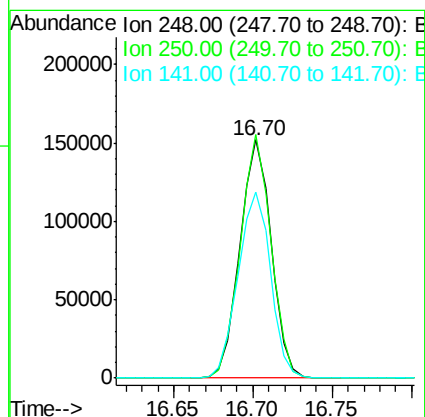
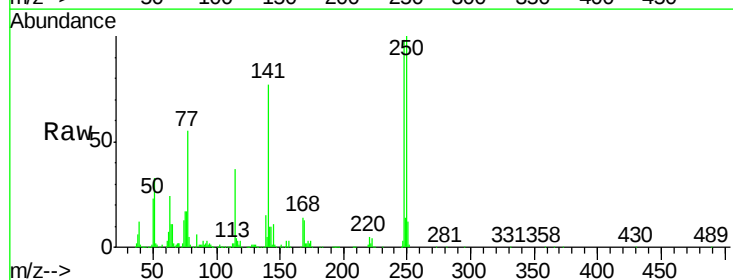
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:169 Resp: 489715  
Ion Ratio Lower Upper  
169 100  
168 68.8 55.0 82.4  
167 34.4 27.4 41.0



#66  
4-Bromophenyl-phenylether  
Concen: 40.37 ng  
RT: 16.70 min Scan# 2360  
Delta R.T. 0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

Tgt Ion:248 Resp: 209346  
Ion Ratio Lower Upper  
248 100  
250 102.2 77.8 116.8  
141 78.2 65.7 98.5





#67

Hexachlorobenzene

Concen: 39.08 ng

RT: 16.83 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

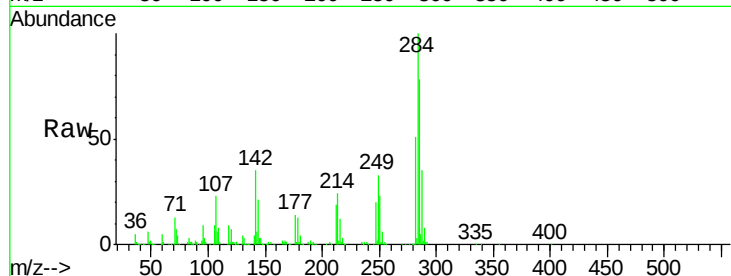
Tgt Ion:284 Resp: 237729

Ion Ratio Lower Upper

284 100

142 35.1 26.8 40.2

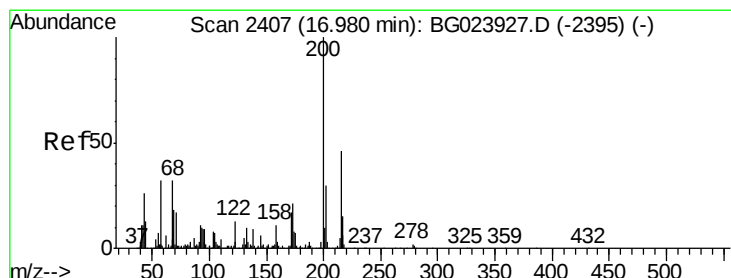
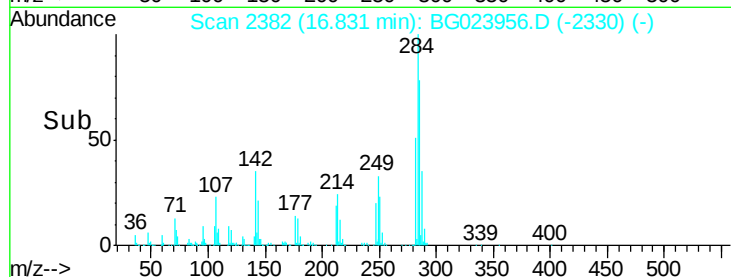
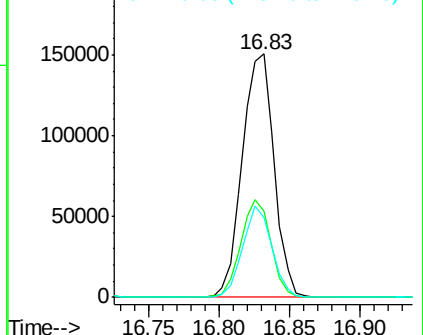
249 32.7 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.06 ng

RT: 16.97 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

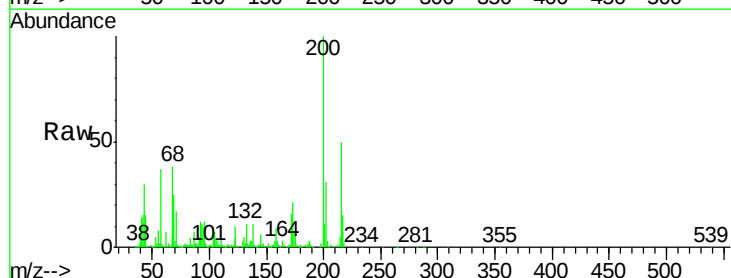
Tgt Ion:200 Resp: 208688

Ion Ratio Lower Upper

200 100

173 21.3 1.6 41.6

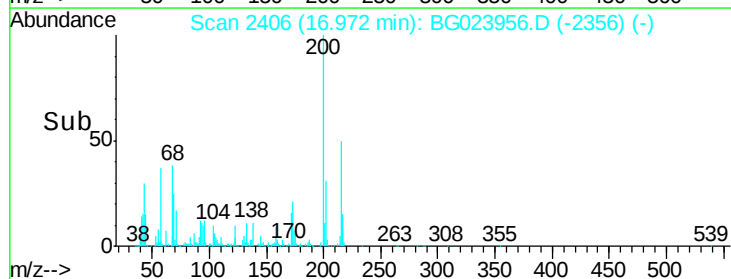
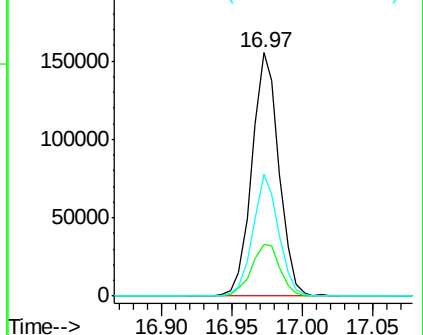
215 49.9 28.7 68.7



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: 37.53 ng

RT: 17.18 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

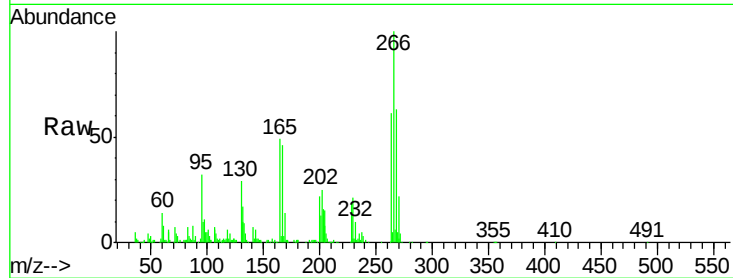
Tgt Ion:266 Resp: 121243

Ion Ratio Lower Upper

266 100

268 63.0 51.9 77.9

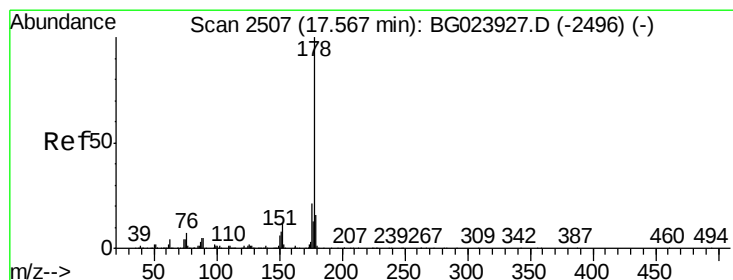
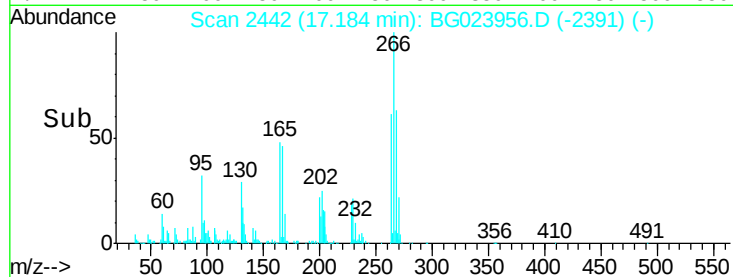
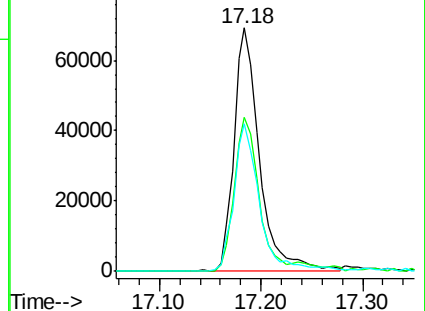
264 60.5 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.55 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

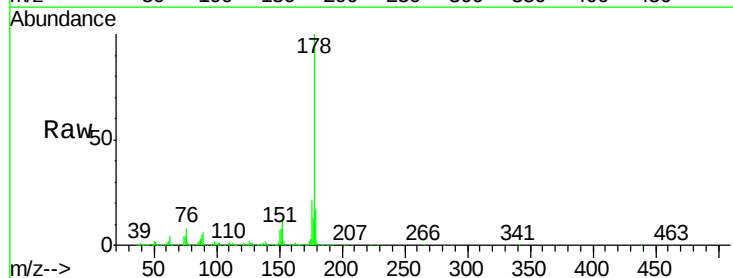
Tgt Ion:178 Resp: 877112

Ion Ratio Lower Upper

178 100

176 20.6 16.8 25.2

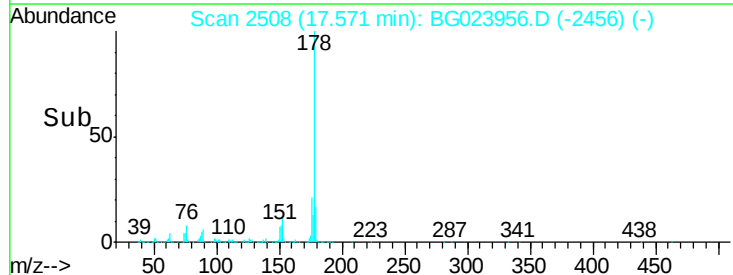
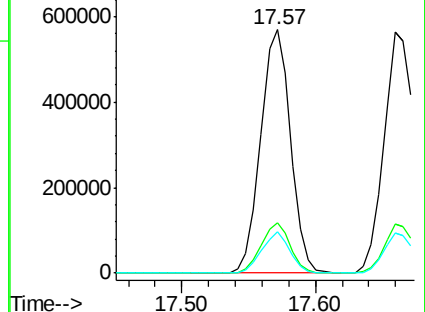
179 16.9 14.3 21.5

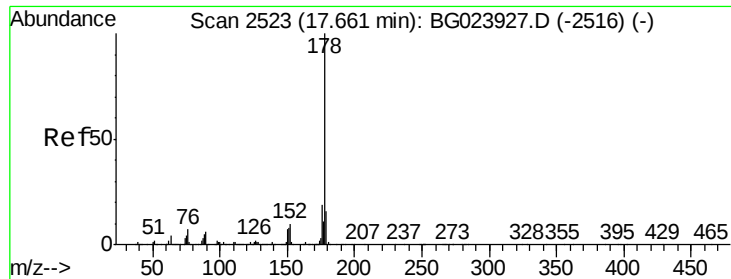


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

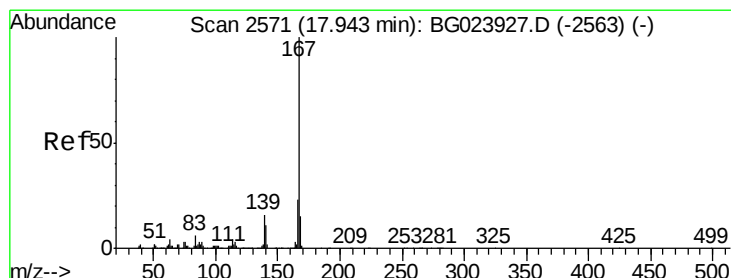
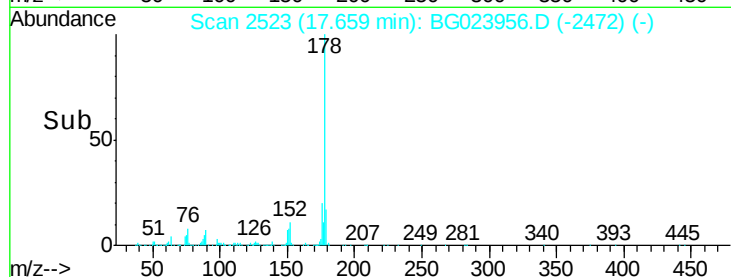
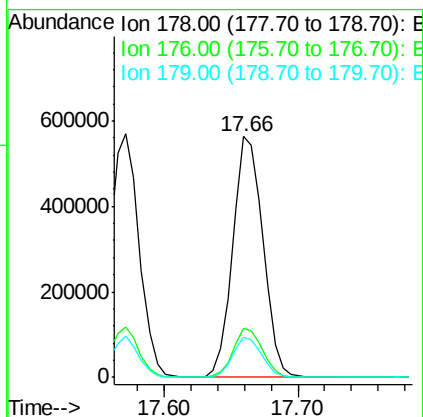
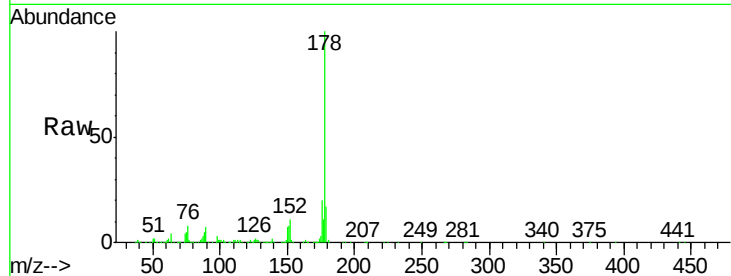




#71  
 Anthracene  
 Concen: 39.11 ng  
 RT: 17.66 min Scan# 2523  
 Delta R.T. -0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

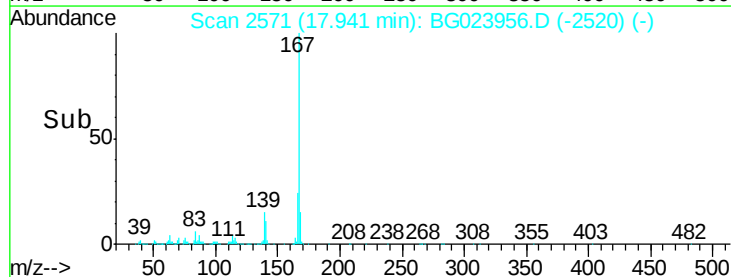
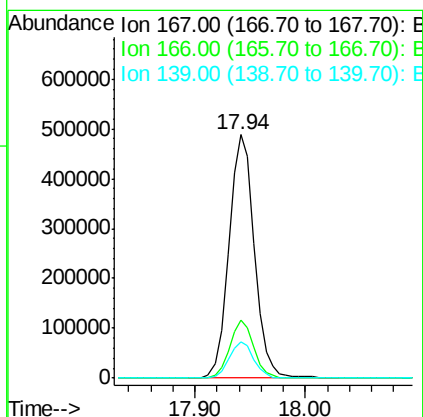
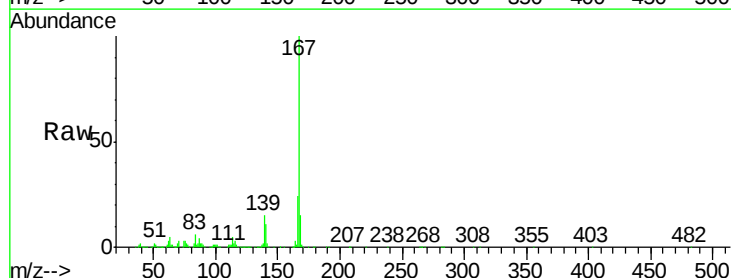
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

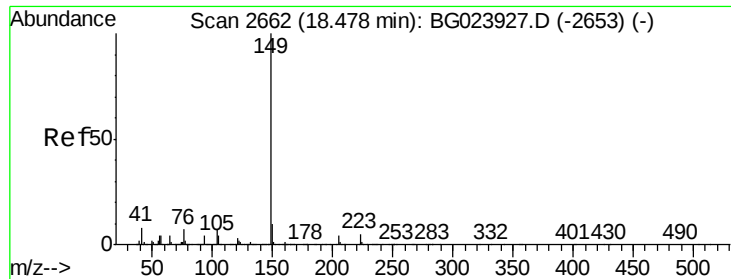
Tgt Ion:178 Resp: 884760  
 Ion Ratio Lower Upper  
 178 100  
 176 20.3 17.3 25.9  
 179 16.5 14.0 21.0



#72  
 Carbazole  
 Concen: 38.26 ng  
 RT: 17.94 min Scan# 2571  
 Delta R.T. -0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

Tgt Ion:167 Resp: 785395  
 Ion Ratio Lower Upper  
 167 100  
 166 23.6 20.7 31.1  
 139 15.1 11.9 17.9





#73

Di-n-butylphthalate

Concen: 38.83 ng

RT: 18.47 min Scan# 2661

Delta R.T. -0.01 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

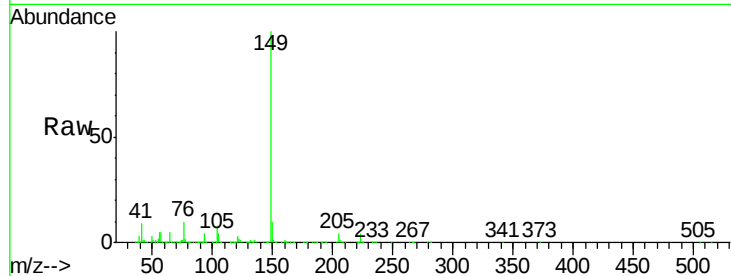
Tgt Ion:149 Resp: 950934

Ion Ratio Lower Upper

149 100

150 9.8 9.1 13.7

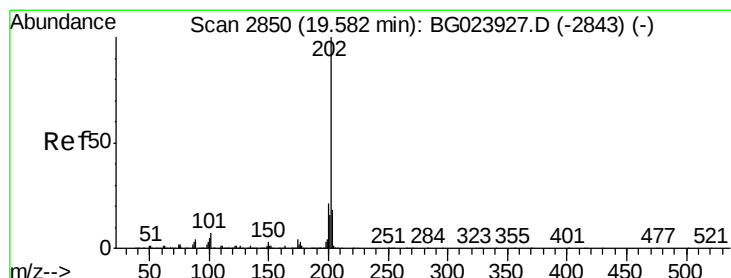
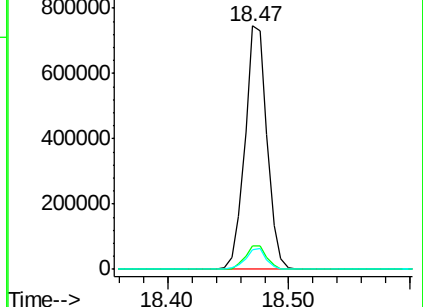
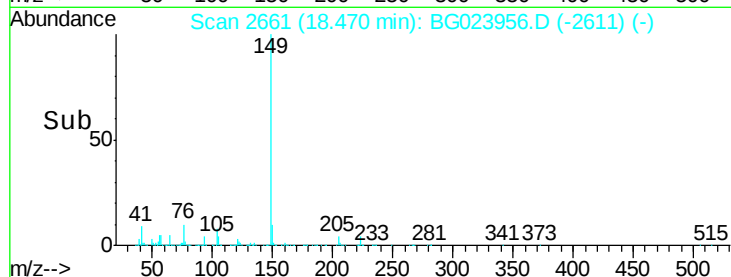
104 8.3 6.9 10.3



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: 38.66 ng

RT: 19.58 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

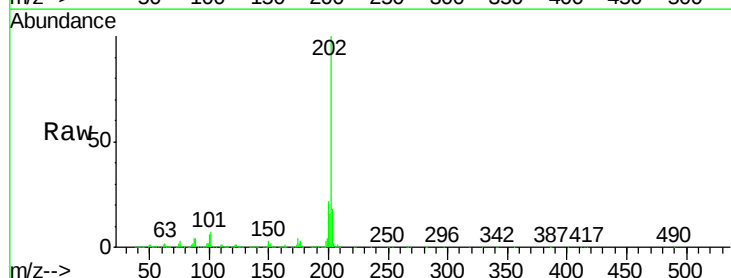
Tgt Ion:202 Resp: 1032038

Ion Ratio Lower Upper

202 100

101 7.1 0.0 27.4

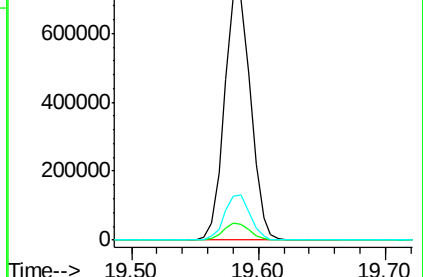
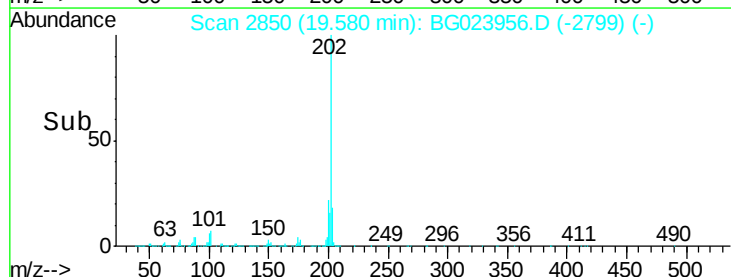
203 18.0 1.7 41.7

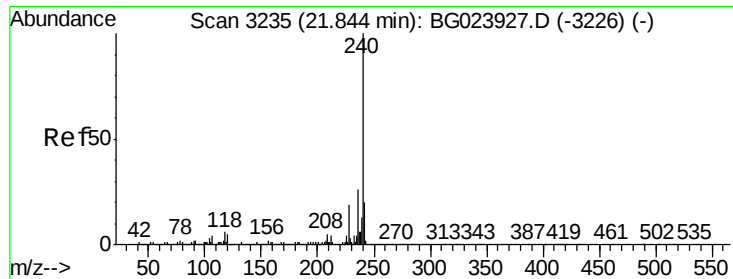


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

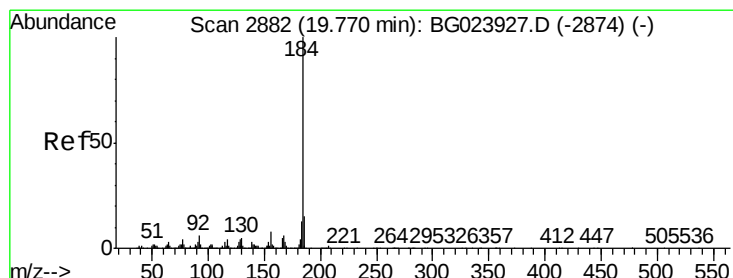
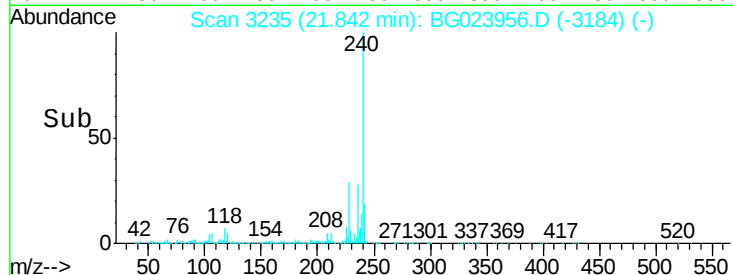
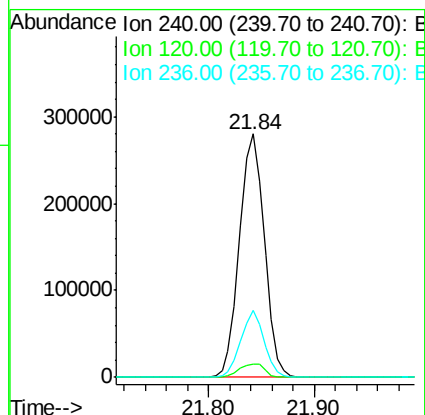
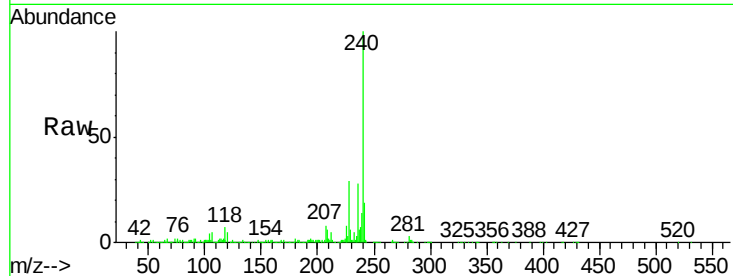




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.84 min Scan# 3235  
Delta R.T. -0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

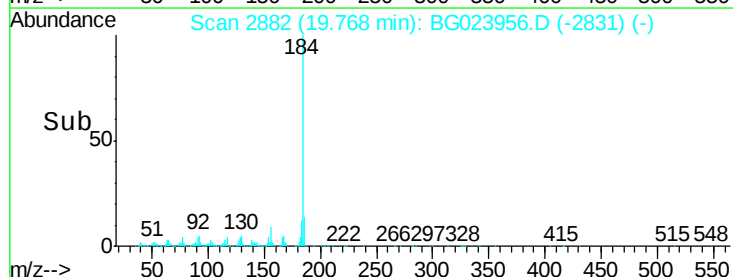
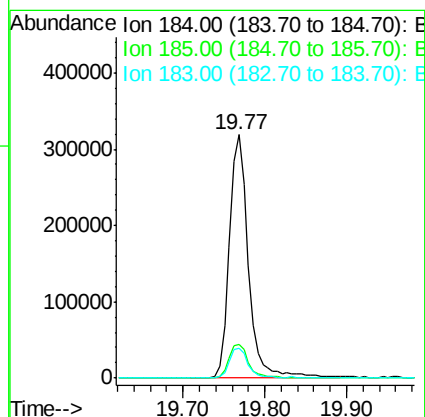
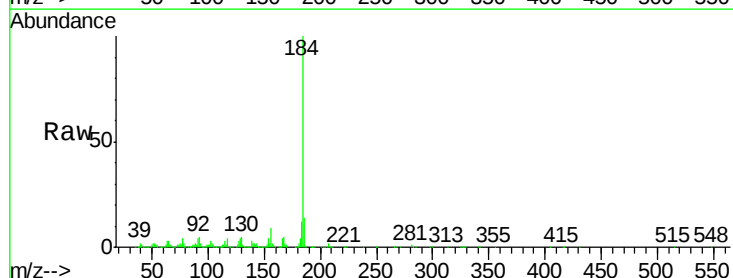
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

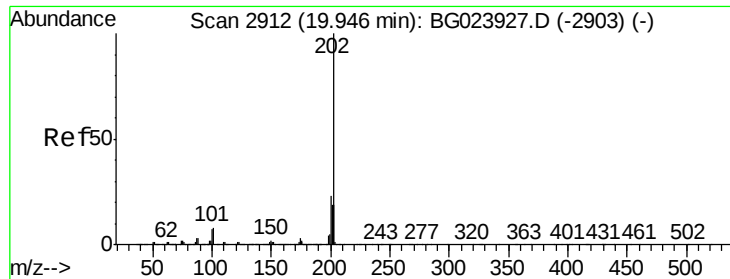
Tgt Ion:240 Resp: 457121  
Ion Ratio Lower Upper  
240 100  
120 5.4 4.1 6.1  
236 27.6 21.1 31.7



#76  
Benzidine  
Concen: 36.62 ng  
RT: 19.77 min Scan# 2882  
Delta R.T. -0.00 min  
Lab File: BG023956.D  
Acq: 7 Sep 2016 14:32

Tgt Ion:184 Resp: 518320  
Ion Ratio Lower Upper  
184 100  
185 13.7 12.6 19.0  
183 12.3 10.7 16.1

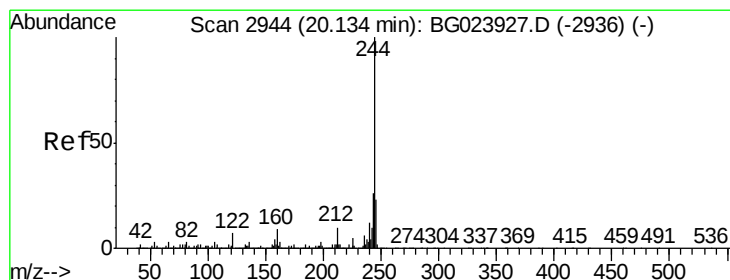
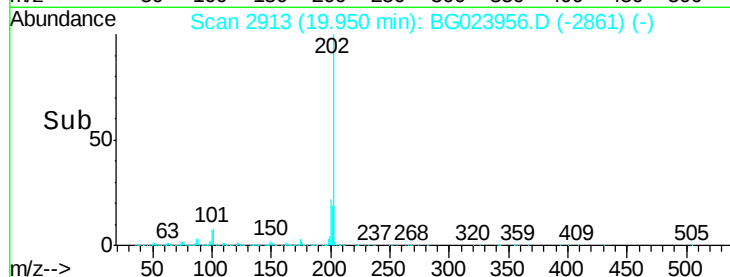
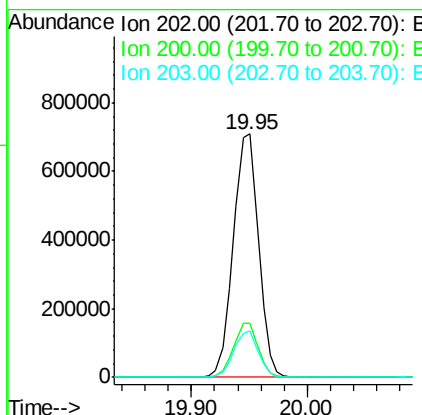
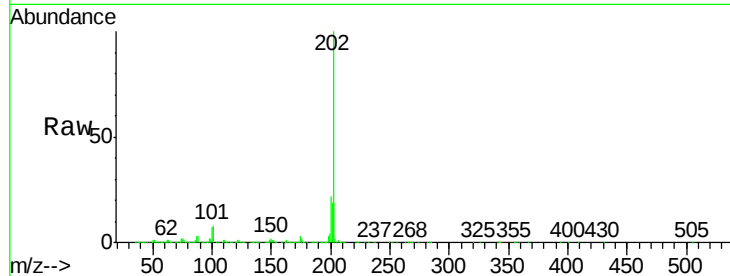




#77  
 Pyrene  
 Concen: 38.23 ng  
 RT: 19.95 min Scan# 2913  
 Delta R.T. 0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

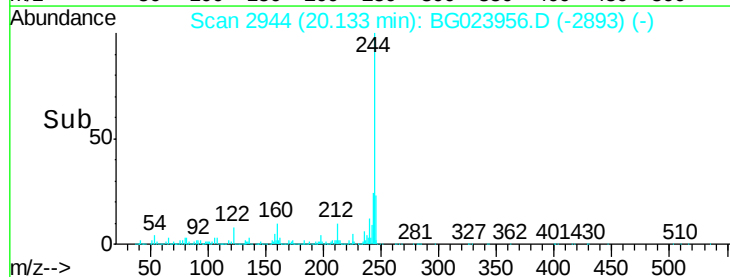
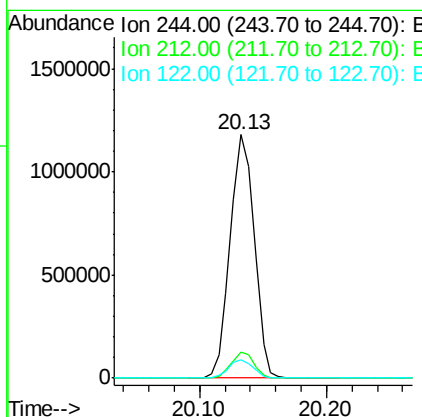
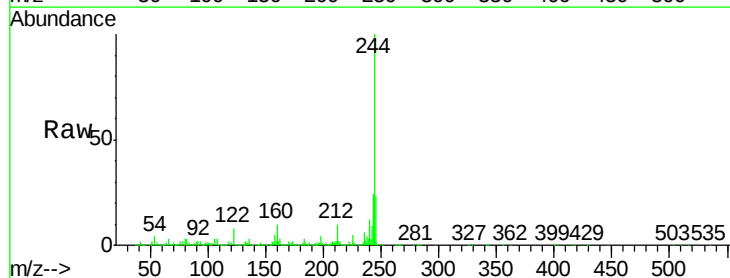
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

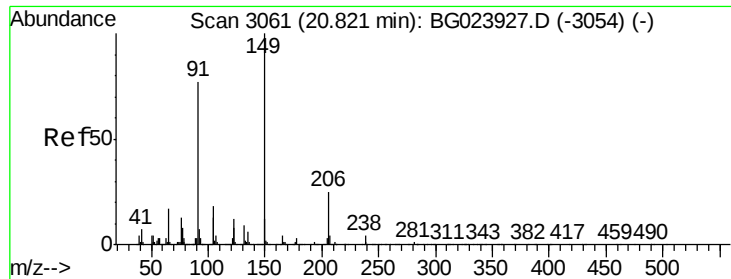
Tgt Ion:202 Resp: 1074915  
 Ion Ratio Lower Upper  
 202 100  
 200 22.4 21.2 31.8  
 203 19.2 16.8 25.2



#78  
 Terphenyl-d14  
 Concen: 77.26 ng  
 RT: 20.13 min Scan# 2944  
 Delta R.T. -0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

Tgt Ion:244 Resp: 1550677  
 Ion Ratio Lower Upper  
 244 100  
 212 10.5 10.8 16.2#  
 122 7.6 8.0 12.0#





#79

Butylbenzylphthalate

Concen: 39.97 ng

RT: 20.81 min Scan# 3060

Delta R.T. -0.01 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

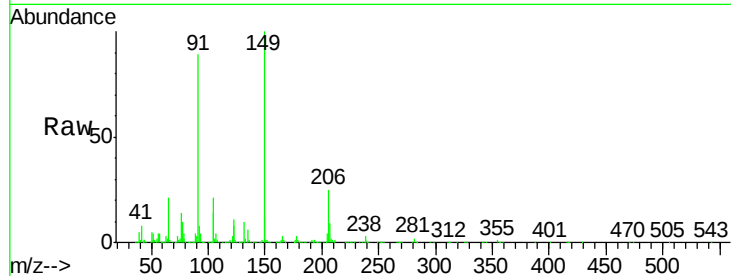
Tgt Ion:149 Resp: 433235

Ion Ratio Lower Upper

149 100

91 89.1 68.1 102.1

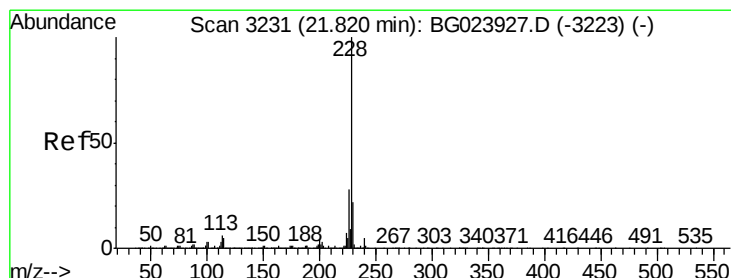
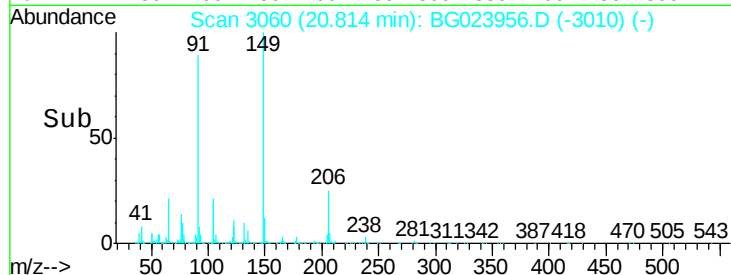
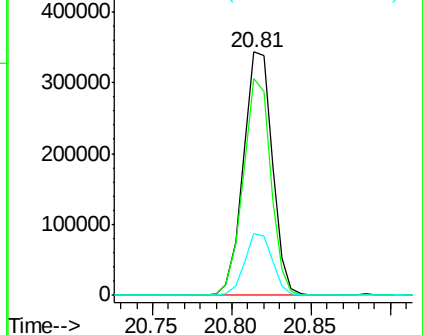
206 25.3 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.85 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

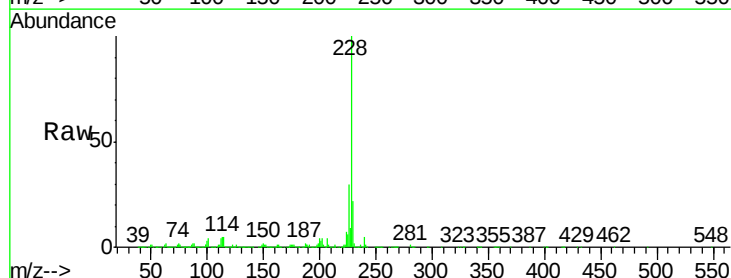
Tgt Ion:228 Resp: 1045427

Ion Ratio Lower Upper

228 100

226 30.4 25.3 37.9

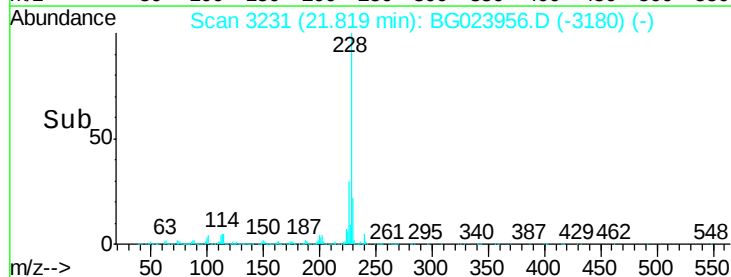
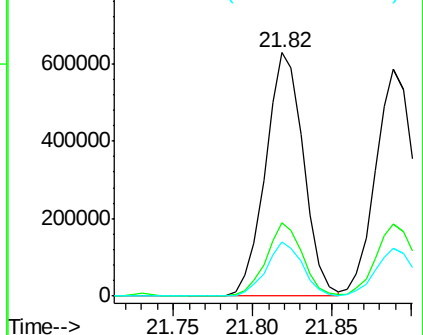
229 22.1 19.9 29.9

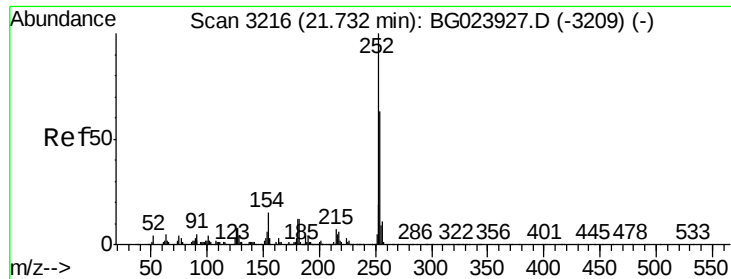


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

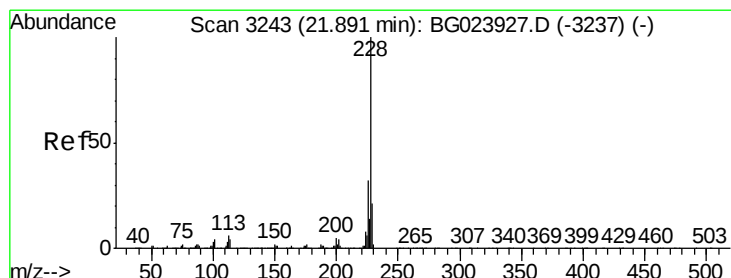
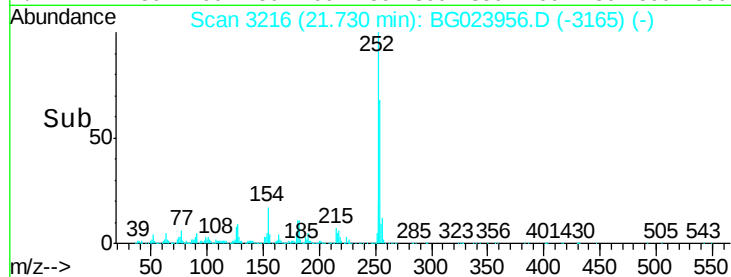
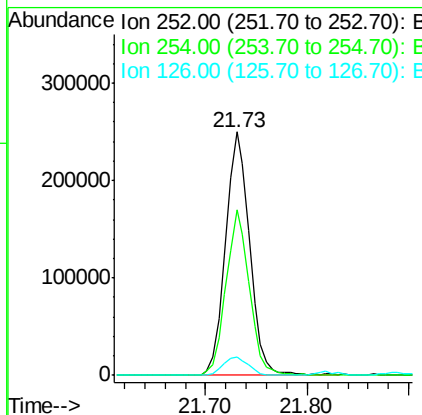
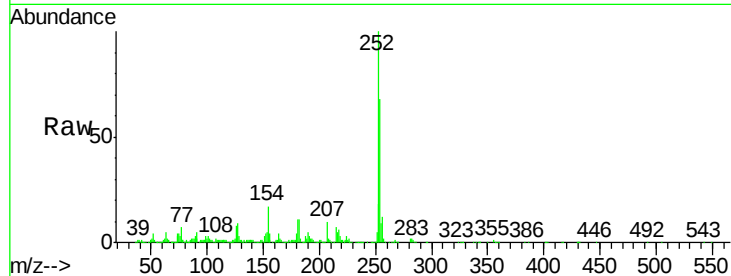




#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.33 ng  
 RT: 21.73 min Scan# 3216  
 Delta R.T. -0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

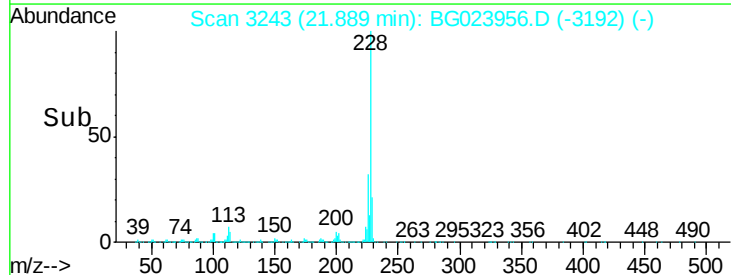
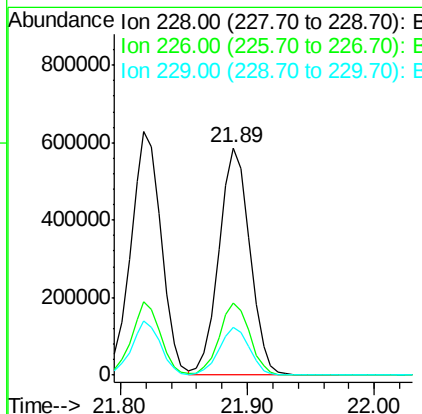
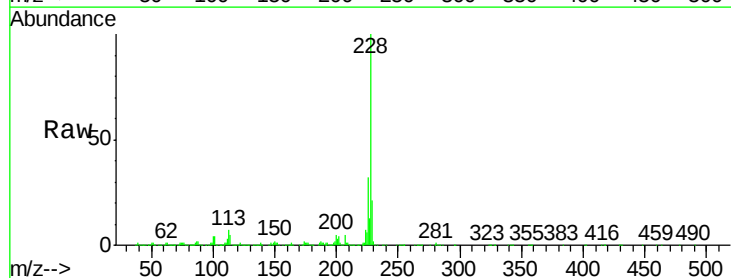
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

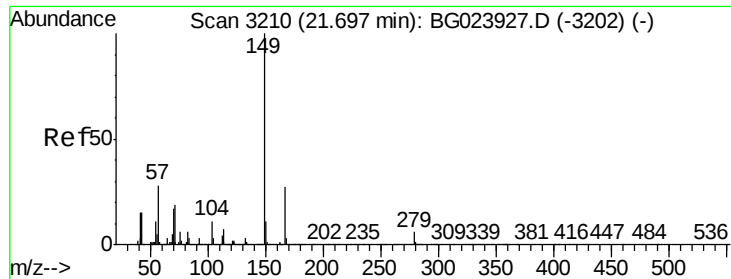
Tgt Ion:252 Resp: 412483  
 Ion Ratio Lower Upper  
 252 100  
 254 68.0 51.2 76.8  
 126 7.5 5.3 7.9



#82  
 Chrysene  
 Concen: 40.67 ng  
 RT: 21.89 min Scan# 3243  
 Delta R.T. -0.00 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

Tgt Ion:228 Resp: 990560  
 Ion Ratio Lower Upper  
 228 100  
 226 31.8 26.7 40.1  
 229 20.8 17.4 26.2

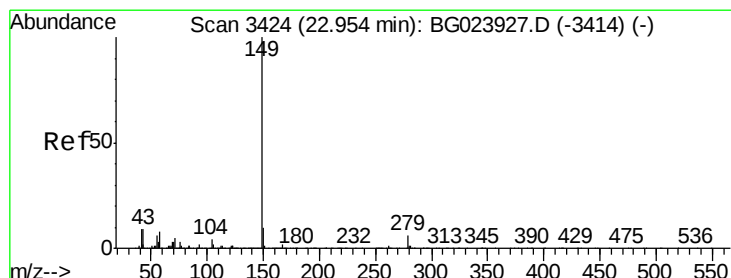
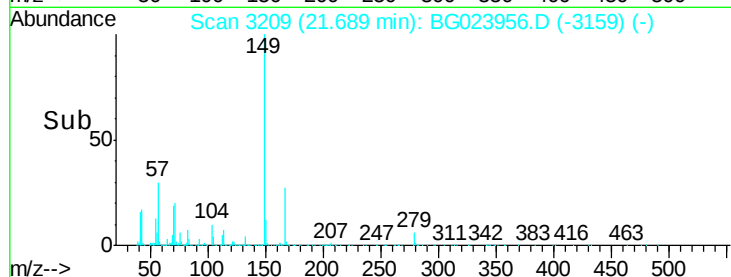
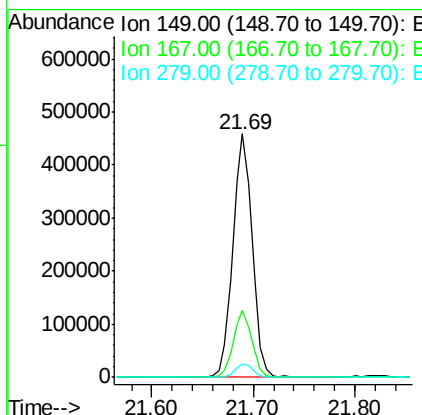
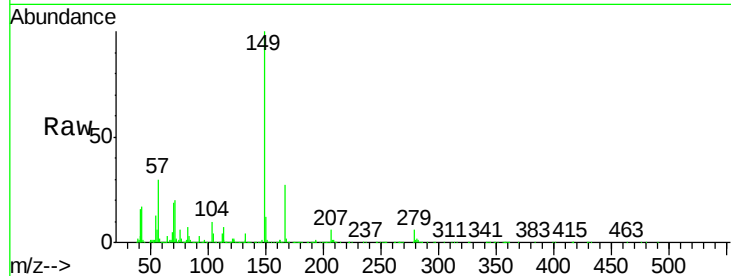




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.83 ng  
 RT: 21.69 min Scan# 3209  
 Delta R.T. -0.01 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

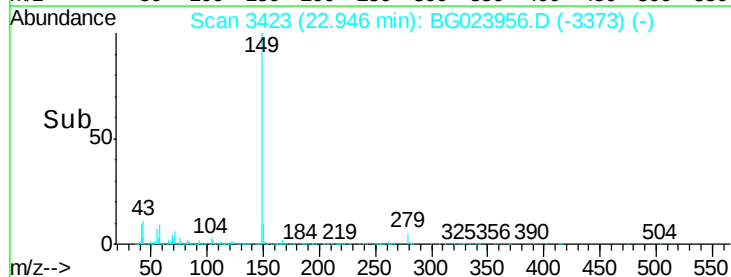
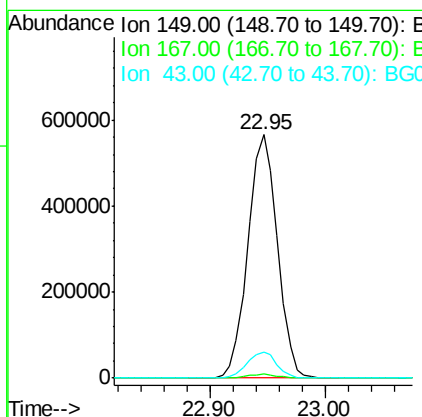
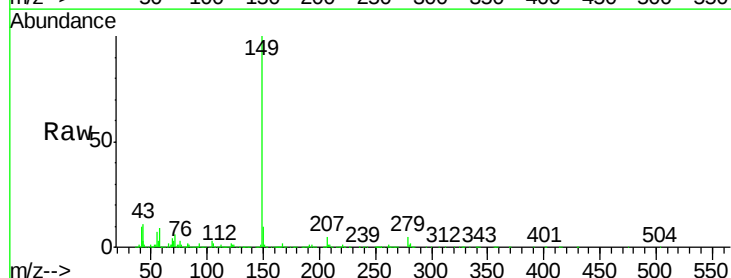
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

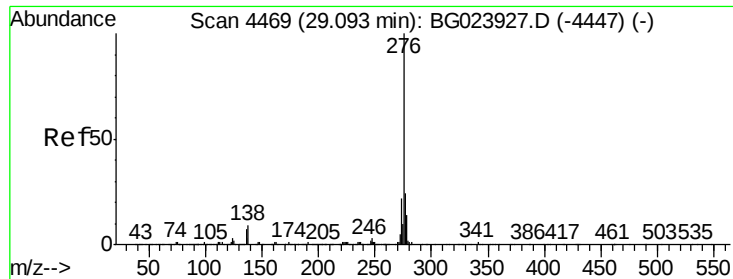
Tgt Ion:149 Resp: 605922  
 Ion Ratio Lower Upper  
 149 100  
 167 27.3 24.0 36.0  
 279 5.7 4.8 7.2



#84  
 Di-n-octyl phthalate  
 Concen: 41.17 ng  
 RT: 22.95 min Scan# 3423  
 Delta R.T. -0.01 min  
 Lab File: BG023956.D  
 Acq: 7 Sep 2016 14:32

Tgt Ion:149 Resp: 1001990  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.5 2.3  
 43 10.6 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.50 ng

RT: 29.09 min Scan# 4468

Delta R.T. -0.01 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

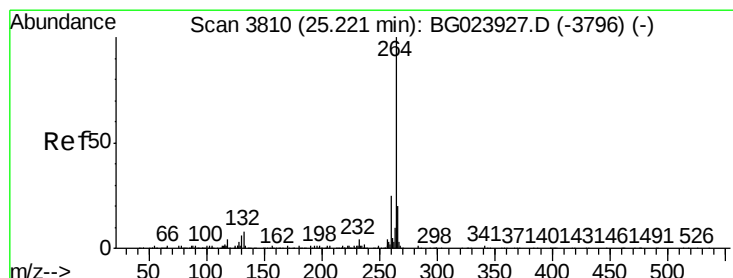
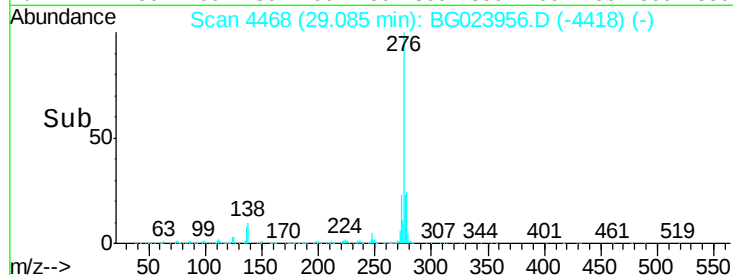
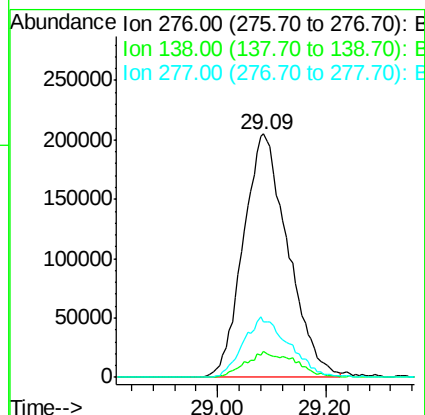
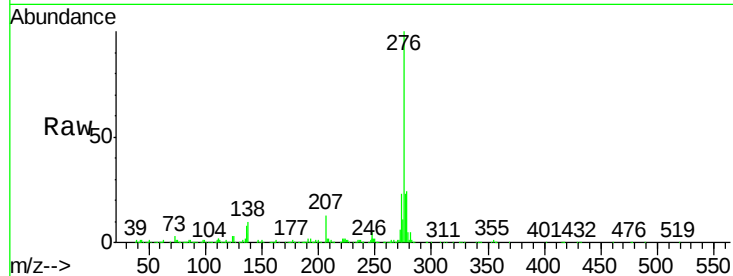
Tgt Ion:276 Resp: 1173167

Ion Ratio Lower Upper

276 100

138 7.4 0.0 0.0#

277 25.4 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3810

Delta R.T. -0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

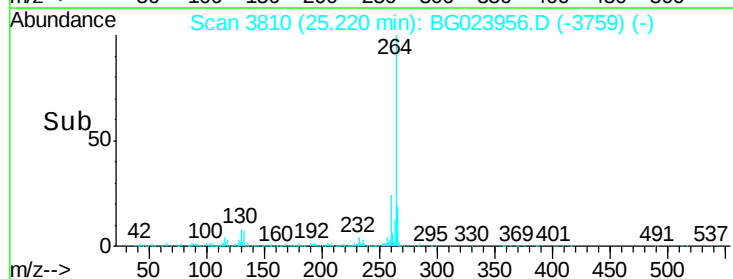
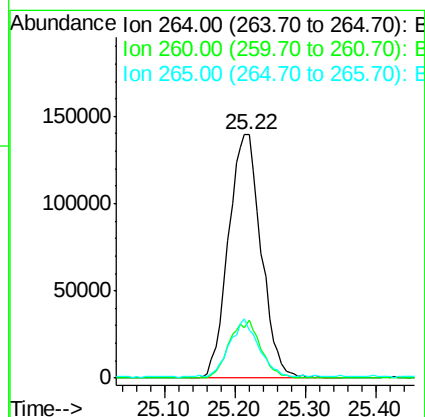
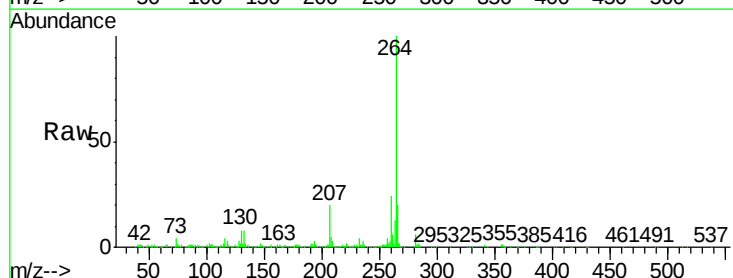
Tgt Ion:264 Resp: 448621

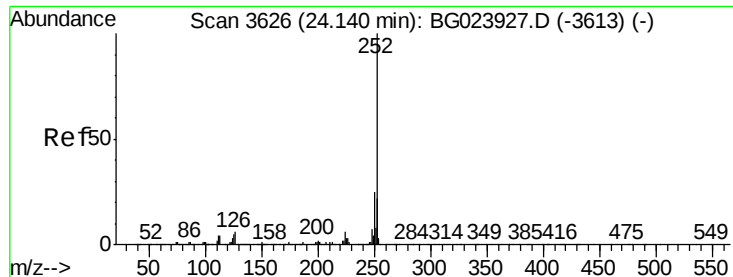
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 19.7 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 40.49 ng

RT: 24.14 min Scan# 3626

Delta R.T. -0.00 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

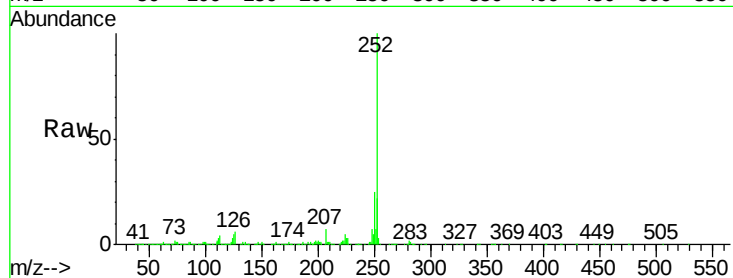
Tgt Ion:252 Resp: 1031828

Ion Ratio Lower Upper

252 100

253 22.3 18.9 28.3

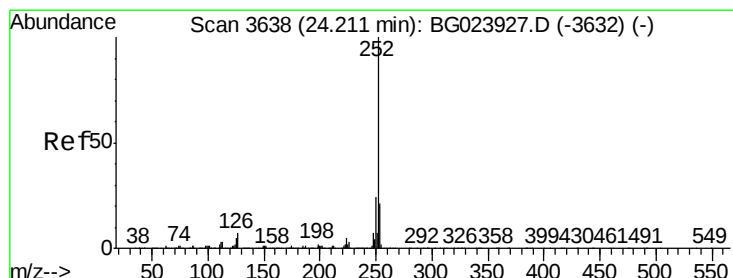
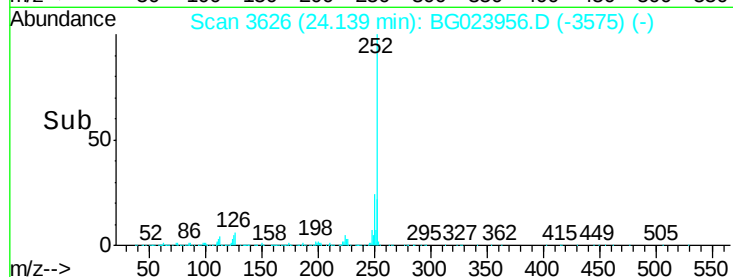
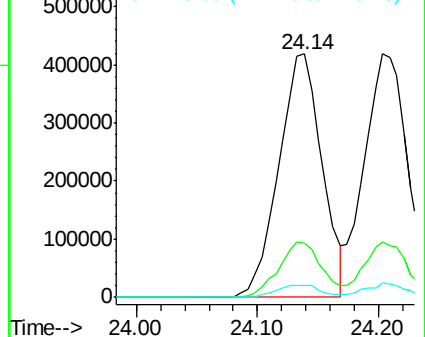
125 4.9 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.09 ng

RT: 24.20 min Scan# 3637

Delta R.T. -0.01 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

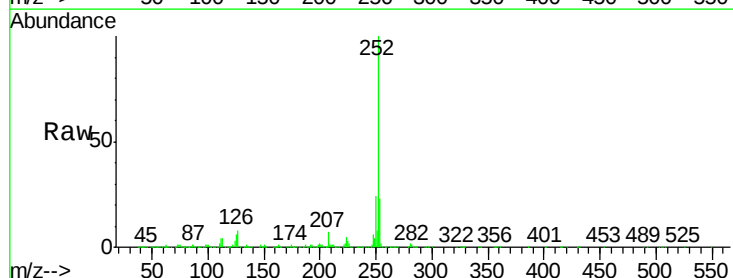
Tgt Ion:252 Resp: 1038200

Ion Ratio Lower Upper

252 100

253 22.8 18.8 28.2

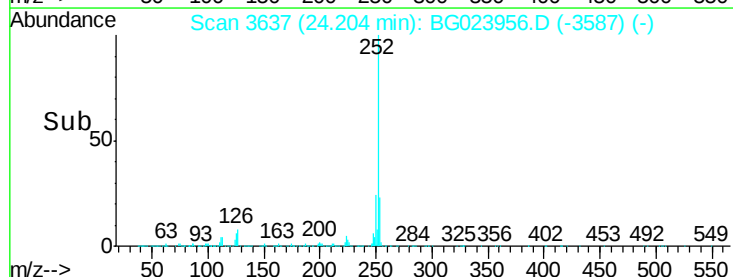
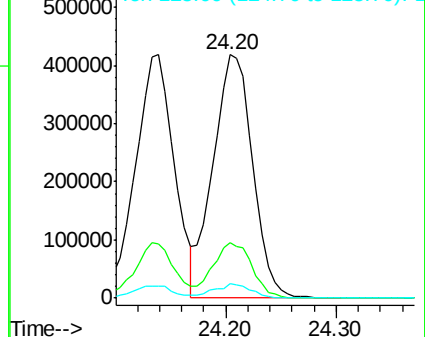
125 5.8 3.2 4.8#

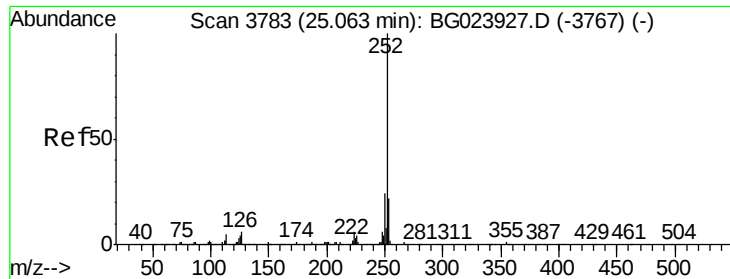


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.72 ng

RT: 25.06 min Scan# 3782

Delta R.T. -0.01 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

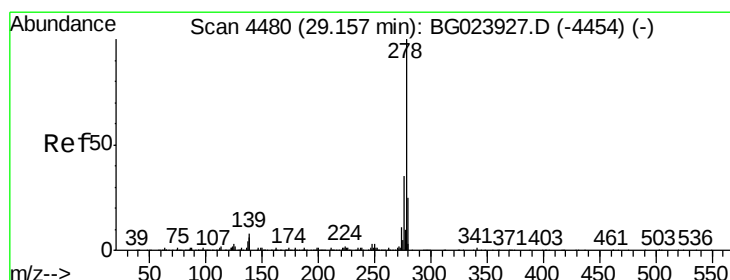
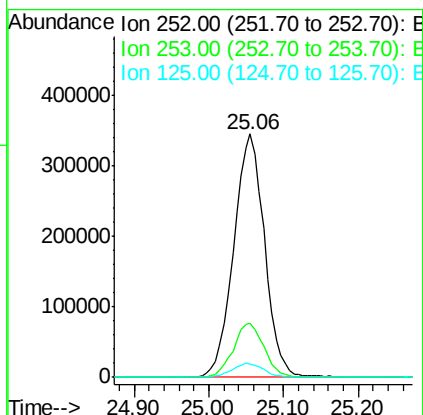
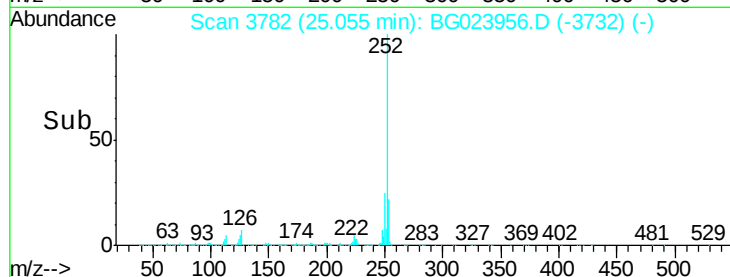
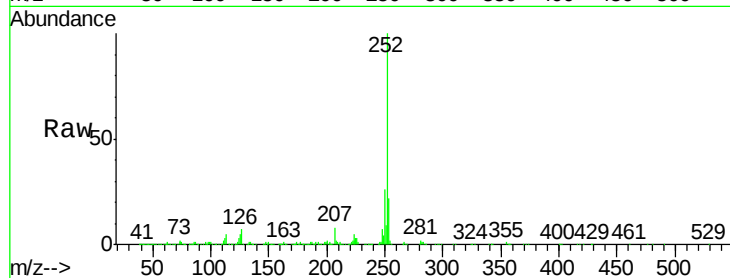
Tgt Ion:252 Resp: 985348

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

125 5.4 3.9 5.9



#90

Dibenzo(a,h)anthracene

Concen: 40.53 ng

RT: 29.14 min Scan# 4477

Delta R.T. -0.02 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

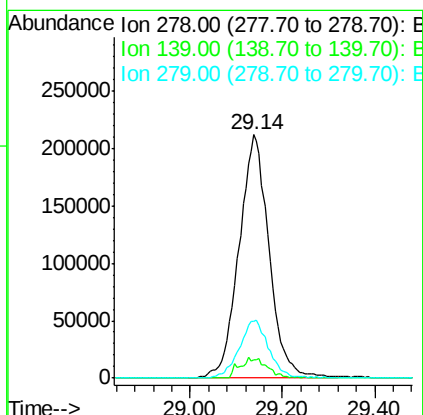
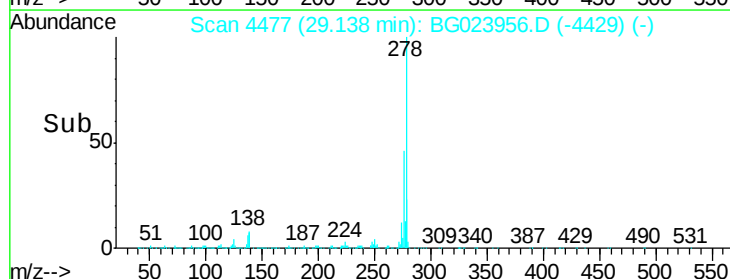
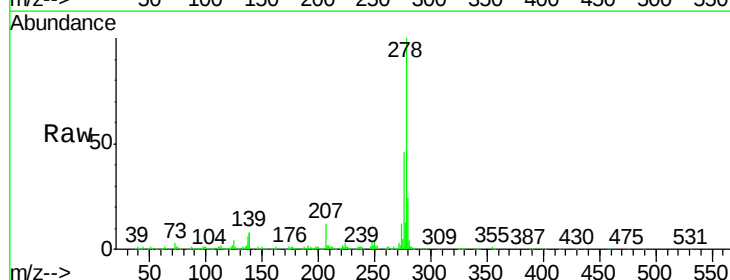
Tgt Ion:278 Resp: 964630

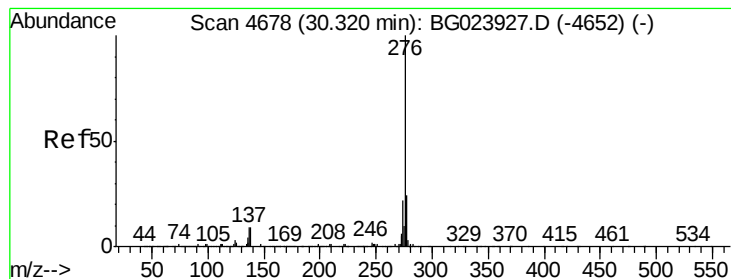
Ion Ratio Lower Upper

278 100

139 7.6 4.7 7.1#

279 23.5 18.3 27.5





#91

Benzo(g,h,i)perylene

Concen: 42.34 ng

RT: 30.30 min Scan# 4675

Delta R.T. -0.02 min

Lab File: BG023956.D

Acq: 7 Sep 2016 14:32

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 969080

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 9.7 6.8 10.2

