

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG100515\  
 Data File : BG019049.D  
 Acq On : 6 Oct 2015 5:31  
 Operator : UM/NP  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

Quant Time: Oct 06 06:55:37 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG100415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 06 04:27:31 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 31867    | 20.00 | ng/ul | 0.01     |
| 18) Naphthalene-d8        | 10.87 | 136  | 144444   | 20.00 | ng/ul | 0.01     |
| 36) Acenaphthene-d10      | 14.68 | 164  | 90628    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.42 | 188  | 196419   | 20.00 | ng/ul | 0.01     |
| 78) Chrysene-d12          | 21.69 | 240  | 199463   | 20.00 | ng/ul | 0.02     |
| 86) Perylene-d12          | 24.93 | 264  | 193337   | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96  | 4490   | 6.37  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.22  | 99  | 55294  | 20.13 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.38  | 67  | 34381  | 19.35 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.59  | 132 | 42021  | 20.39 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.76  | 113 | 44112  | 20.43 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 9.21  | 128 | 22437  | 20.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.94  | 143 | 24578  | 21.88 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.48 | 165 | 49273  | 21.91 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 11.00 | 131 | 61156  | 22.30 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 14.09 | 166 | 140311 | 19.64 | ng/ul | 0.01 |
| 47) Acenaphthylene-d8          | 14.37 | 160 | 176495 | 19.97 | ng/ul | 0.01 |
| 52) 4-Nitrophenol-d4           | 14.88 | 143 | 26639  | 18.45 | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.67 | 176 | 123731 | 19.12 | ng/ul | 0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.78 | 200 | 12014  | 11.28 | ng/ul | 0.01 |
| 71) Anthracene-d10             | 17.52 | 188 | 181342 | 19.61 | ng/ul | 0.01 |
| 79) Pyrene-d10                 | 19.80 | 212 | 187246 | 20.27 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12         | 24.70 | 264 | 199186 | 20.14 | ng/ul | 0.03 |

## Target Compounds

|                                |       |     |        |              | Qvalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 4892   | 6.30 ng/uL   | 87     |
| 4) Benzaldehyde                | 7.19  | 77  | 33761  | 20.75 ng/ul  | 95     |
| 6) Phenol                      | 7.25  | 94  | 57372  | 20.48 ng/ul  | 94     |
| 8) Bis(2-Chloroethyl)ether     | 7.47  | 93  | 39301  | 18.61 ng/ul  | 96     |
| 10) 2-Chlorophenol             | 7.62  | 128 | 43399  | 20.27 ng/ul  | 96     |
| 11) 2-Methylphenol             | 8.50  | 108 | 43797  | 20.28 ng/ul  | 98     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 86227  | 20.81 ng/ul# | 96     |
| 14) Acetophenone               | 8.87  | 105 | 68883  | 20.60 ng/ul  | 97     |
| 15) N-Nitroso-di-n-propylamine | 8.86  | 70  | 35053  | 19.50 ng/ul  | 99     |
| 16) 4-Methylphenol             | 8.83  | 108 | 50189  | 21.08 ng/ul  | 99     |
| 17) Hexachloroethane           | 9.14  | 117 | 17460  | 20.49 ng/ul  | 95     |
| 20) Nitrobenzene               | 9.26  | 77  | 54741  | 20.14 ng/ul  | 99     |
| 21) Isophorone                 | 9.78  | 82  | 102743 | 19.37 ng/ul  | 99     |
| 23) 2-Nitrophenol              | 9.97  | 139 | 25537  | 21.17 ng/ul  | 99     |
| 24) 2,4-Dimethylphenol         | 10.03 | 107 | 55654  | 20.33 ng/ul  | 96     |
| 25) Bis(2-Chloroethoxy)methane | 10.26 | 93  | 57135  | 18.22 ng/ul  | 96     |
| 27) 2,4-Dichlorophenol         | 10.51 | 162 | 48500  | 21.10 ng/ul  | 94     |
| 28) Naphthalene                | 10.91 | 128 | 149741 | 20.02 ng/ul  | 97     |
| 30) 4-Chloroaniline            | 11.02 | 127 | 62820  | 22.16 ng/ul  | 97     |
| 31) Hexachlorobutadiene        | 11.20 | 225 | 31792  | 21.70 ng/ul  | 97     |
| 32) Caprolactam                | 11.78 | 113 | 15428  | 19.91 ng/ul# | 73     |
| 33) 4-Chloro-3-methylphenol    | 12.14 | 107 | 54397  | 21.57 ng/ul  | 97     |
| 34) 2-Methylnaphthalene        | 12.51 | 142 | 112606 | 20.10 ng/ul  | 99     |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG100515\  
 Data File : BG019049.D  
 Acq On : 6 Oct 2015 5:31  
 Operator : UM/NP  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTD02036

Quant Time: Oct 06 06:55:37 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG100415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 06 04:27:31 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.73 | 142  | 110521   | 20.11 | ng/ul | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216  | 61738    | 20.98 | ng/ul | 99       |
| 38) Hexachlorocyclopentadiene  | 12.86 | 237  | 13424    | 7.10  | ng/ul | 89       |
| 39) 2,4,6-Trichlorophenol      | 13.12 | 196  | 41224    | 21.55 | ng/ul | 97       |
| 40) 2,4,5-Trichlorophenol      | 13.19 | 196  | 43796    | 21.33 | ng/ul | 97       |
| 41) 1,1'-Biphenyl              | 13.52 | 154  | 145746   | 19.73 | ng/ul | 100      |
| 42) 2-Chloronaphthalene        | 13.56 | 162  | 116025   | 20.23 | ng/ul | 98       |
| 43) 2-Nitroaniline             | 13.76 | 65   | 41350    | 22.19 | ng/ul | 96       |
| 45) Dimethylphthalate          | 14.13 | 163  | 140175   | 19.21 | ng/ul | 99       |
| 46) 2,6-Dinitrotoluene         | 14.25 | 165  | 30939    | 22.05 | ng/ul | 98       |
| 48) Acenaphthylene             | 14.40 | 152  | 187401   | 19.80 | ng/ul | 99       |
| 49) 3-Nitroaniline             | 14.58 | 138  | 31735    | 22.89 | ng/ul | 97       |
| 50) Acenaphthene               | 14.74 | 153  | 126705   | 19.73 | ng/ul | 94       |
| 51) 2,4-Dinitrophenol          | 14.78 | 184  | 7212     | 8.88  | ng/ul | 94       |
| 53) 4-Nitrophenol              | 14.89 | 109  | 21373    | 19.36 | ng/ul | 96       |
| 54) Dibenzofuran               | 15.08 | 168  | 171295   | 19.61 | ng/ul | 94       |
| 55) 2,4-Dinitrotoluene         | 15.04 | 165  | 42693    | 20.81 | ng/ul | 89       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 37217    | 19.64 | ng/ul | 94       |
| 57) Diethylphthalate           | 15.49 | 149  | 140611   | 19.21 | ng/ul | 99       |
| 59) Fluorene                   | 15.72 | 166  | 141903   | 19.27 | ng/ul | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204  | 71339    | 19.62 | ng/ul | 94       |
| 61) 4-Nitroaniline             | 15.74 | 138  | 32840    | 20.97 | ng/ul | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 12796    | 11.37 | ng/ul | 99       |
| 65) N-Nitrosodiphenylamine     | 15.93 | 169  | 117651   | 20.59 | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.61 | 248  | 46071    | 21.49 | ng/ul | 99       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 50330    | 20.64 | ng/ul | 97       |
| 68) Atrazine                   | 16.88 | 200  | 49944    | 21.07 | ng/ul | 99       |
| 69) Pentachlorophenol          | 17.08 | 266  | 28806    | 18.82 | ng/ul | 94       |
| 70) Phenanthrene               | 17.46 | 178  | 215688   | 19.49 | ng/ul | 99       |
| 72) Anthracene                 | 17.56 | 178  | 217869   | 19.53 | ng/ul | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.48 | 216  | 61308    | 23.14 | ng/uL | 95       |
| 74) Pentachlorobenzene         | 15.00 | 250  | 57003    | 22.08 | ng/uL | 95       |
| 75) Carbazole                  | 17.82 | 167  | 192810   | 20.03 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 18.38 | 149  | 230958   | 18.77 | ng/ul | 99       |
| 77) Fluoranthene               | 19.47 | 202  | 238948   | 18.54 | ng/ul | 98       |
| 80) Pyrene                     | 19.83 | 202  | 243745   | 20.30 | ng/ul | 97       |
| 81) Butylbenzylphthalate       | 20.72 | 149  | 98254    | 21.58 | ng/ul | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 79749    | 21.60 | ng/ul | 99       |
| 83) Benzo(a)anthracene         | 21.67 | 228  | 230272   | 20.00 | ng/ul | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 136178   | 20.61 | ng/ul | 99       |
| 85) Chrysene                   | 21.74 | 228  | 212581   | 19.57 | ng/ul | 98       |
| 87) Di-n-octyl phthalate       | 22.80 | 149  | 244654   | 22.29 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 23.90 | 252  | 230029   | 20.19 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene       | 23.97 | 252  | 215914   | 19.46 | ng/ul | 99       |
| 91) Benzo(a)pyrene             | 24.77 | 252  | 217158   | 19.69 | ng/ul | 97       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.61 | 276  | 169881   | 13.44 | ng/ul | 99       |
| 93) Dibenzo(a,h)anthracene     | 28.68 | 278  | 186417   | 17.06 | ng/ul | 96       |
| 94) Benzo(g,h,i)perylene       | 29.76 | 276  | 154437   | 14.67 | ng/ul | 99       |

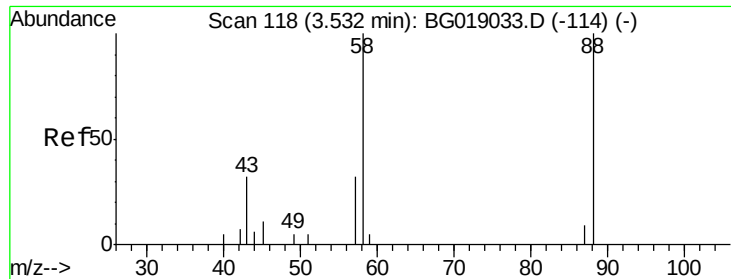
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG100515\  
Data File : BG019049.D  
Acq On : 6 Oct 2015 5:31  
Operator : UM/NP  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02036

Quant Time: Oct 06 06:55:37 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG100415.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Oct 06 04:27:31 2015  
Response via : Initial Calibration

| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 6.30 ng/uL

RT: 3.53 min Scan# 118

Delta R.T. 0.00 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

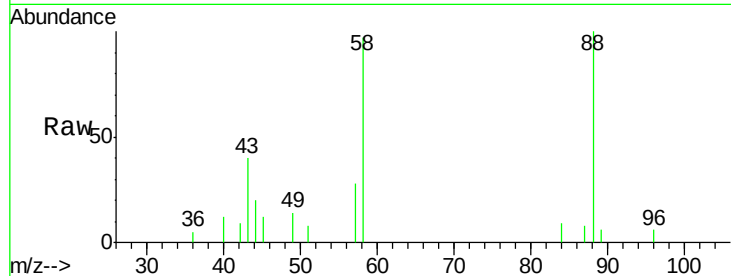
Tgt Ion: 88 Resp: 4892

Ion Ratio Lower Upper

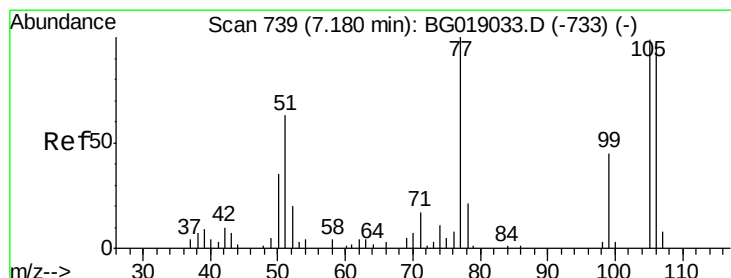
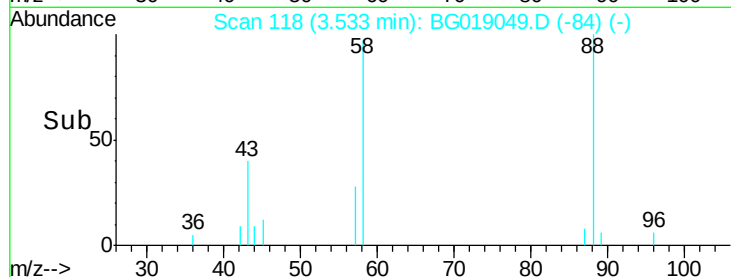
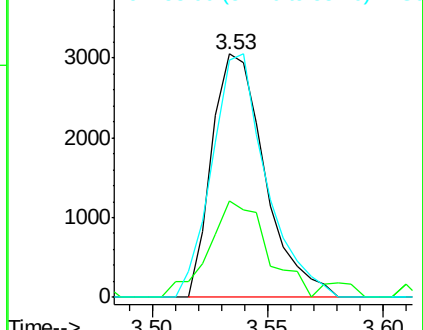
88 100

43 39.8 29.7 44.5

58 97.3 65.4 98.0



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 20.75 ng/uL

RT: 7.19 min Scan# 740

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

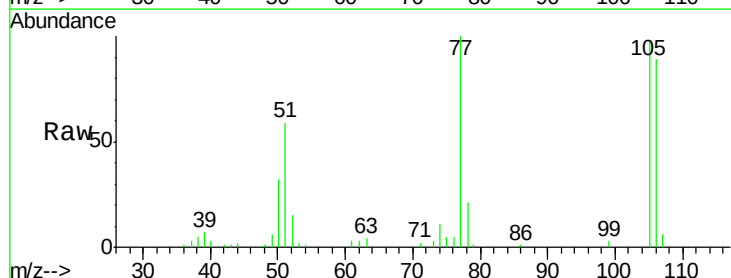
Tgt Ion: 77 Resp: 33761

Ion Ratio Lower Upper

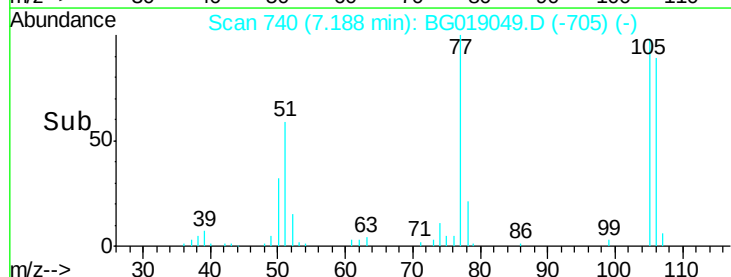
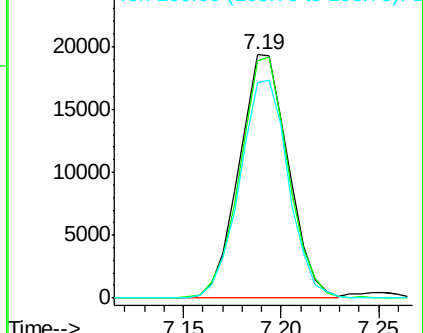
77 100

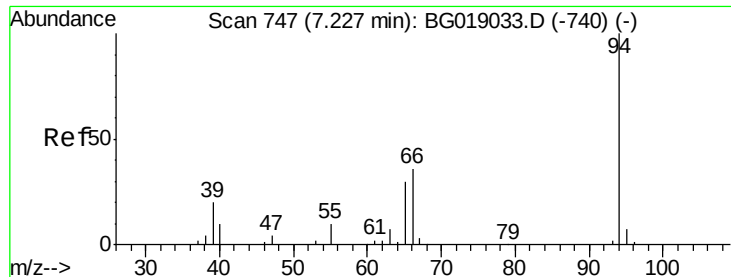
105 97.5 75.6 113.4

106 88.7 75.8 113.6



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





#6

Phenol

Concen: 20.48 ng/ul

RT: 7.25 min Scan# 750

Delta R.T. 0.02 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

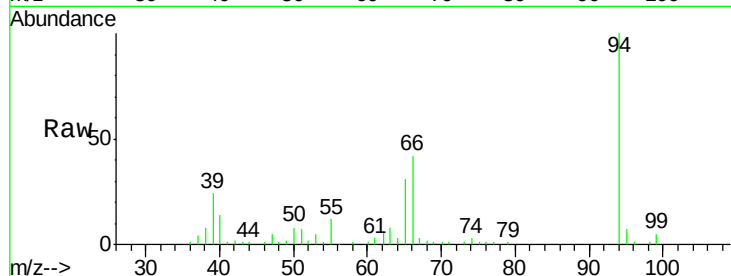
Tgt Ion: 94 Resp: 57372

Ion Ratio Lower Upper

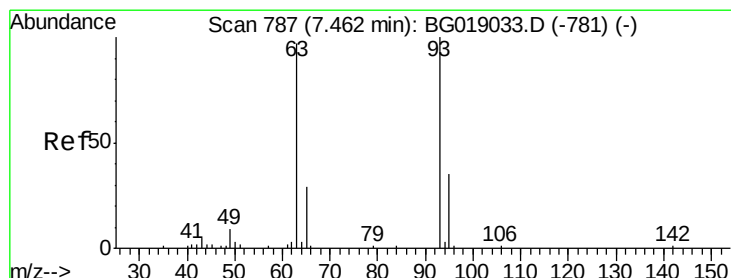
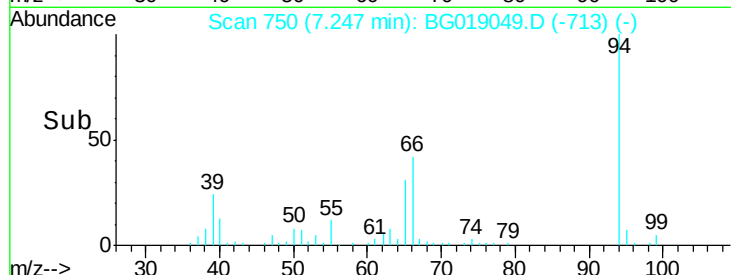
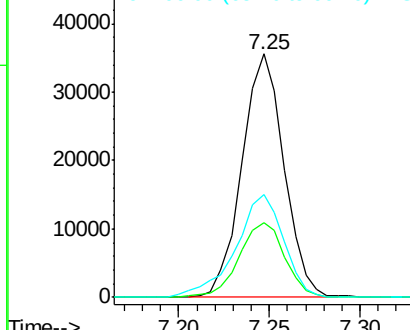
94 100

65 30.8 24.9 37.3

66 42.3 29.1 43.7



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



#8

Bis(2-Chloroethyl)ether

Concen: 18.61 ng/ul

RT: 7.47 min Scan# 788

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

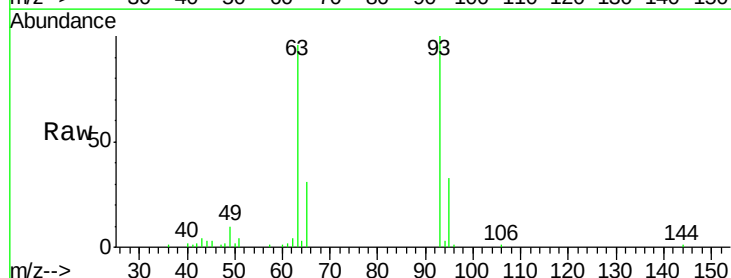
Tgt Ion: 93 Resp: 39301

Ion Ratio Lower Upper

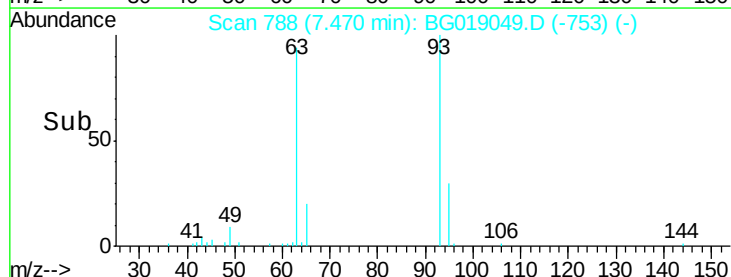
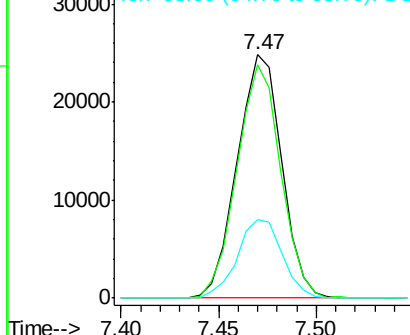
93 100

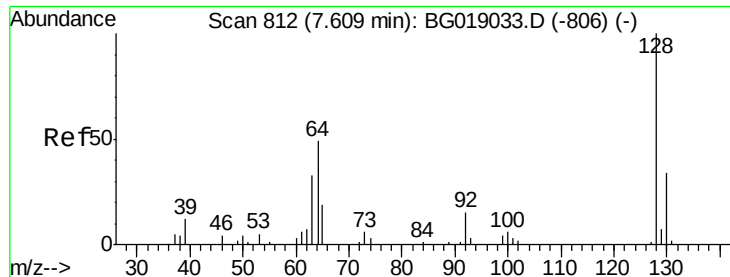
63 95.9 73.2 109.8

95 32.5 27.0 40.6



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC

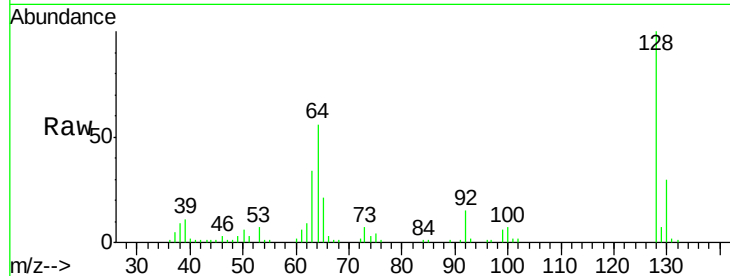




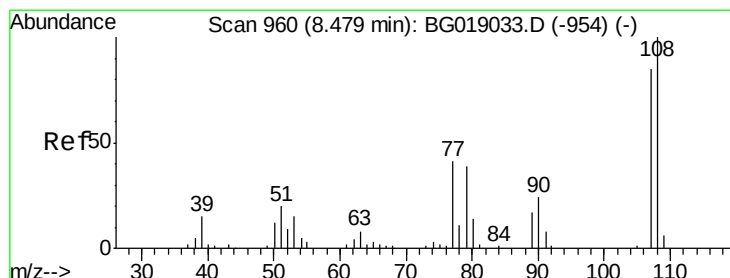
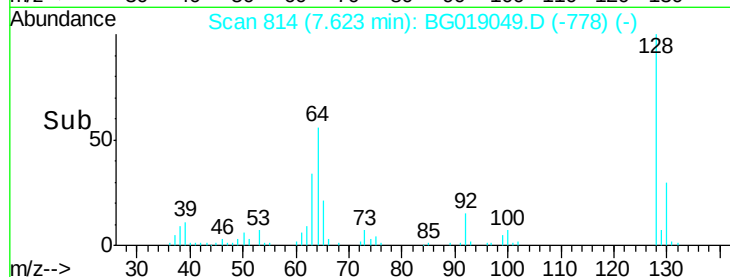
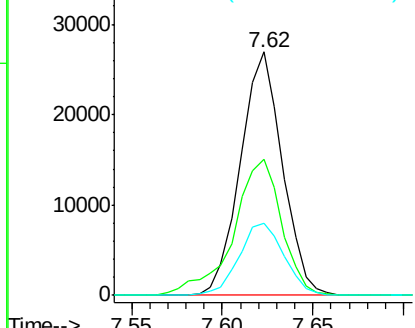
#10  
2-Chlorophenol  
Concen: 20.27 ng/ul  
RT: 7.62 min Scan# 814  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02036

Tgt Ion:128 Resp: 43399  
Ion Ratio Lower Upper  
128 100  
64 56.0 43.3 64.9  
130 29.9 26.5 39.7

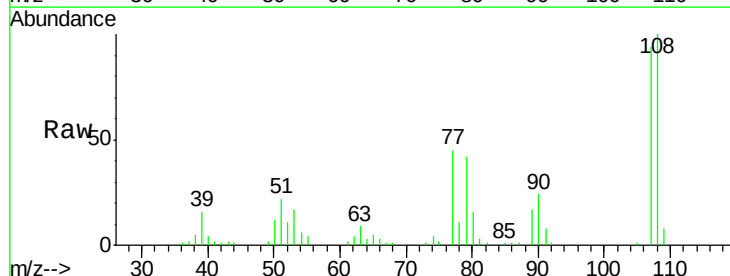


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 130.00 (129.70 to 130.70): E

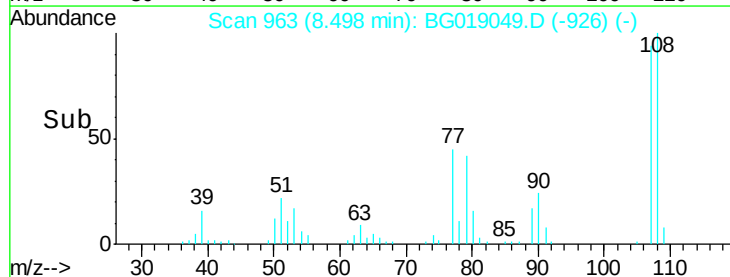
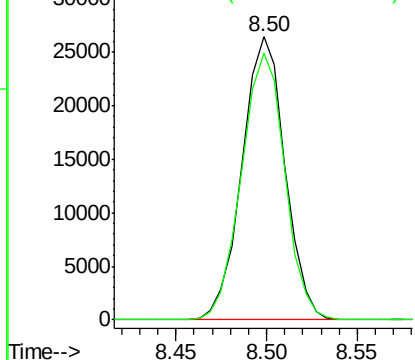


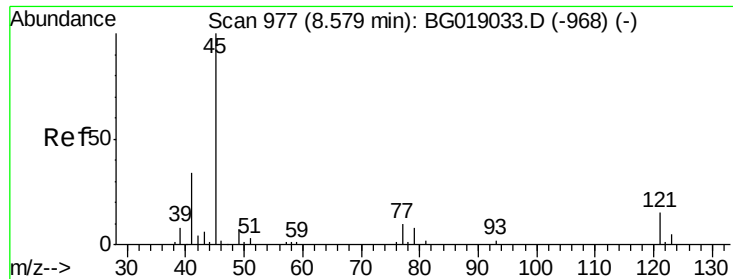
#11  
2-Methylphenol  
Concen: 20.28 ng/ul  
RT: 8.50 min Scan# 963  
Delta R.T. 0.02 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

Tgt Ion:108 Resp: 43797  
Ion Ratio Lower Upper  
108 100  
107 94.1 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 20.81 ng/ul

RT: 8.59 min Scan# 978

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

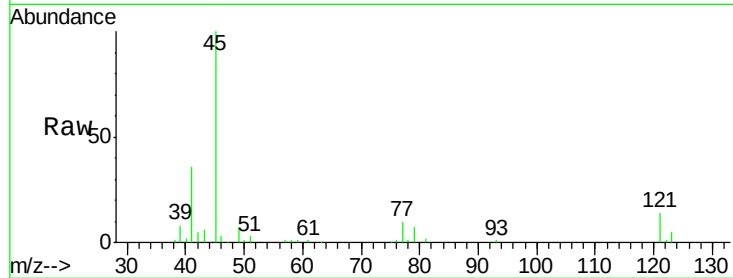
Tgt Ion: 45 Resp: 86227

Ion Ratio Lower Upper

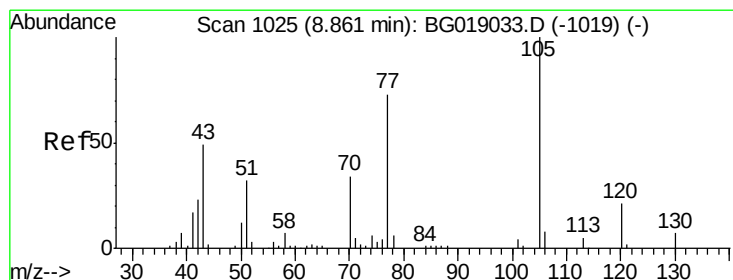
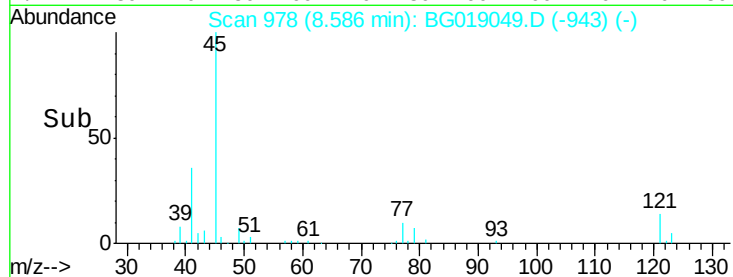
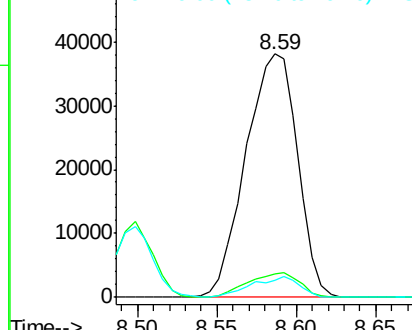
45 100

77 9.7 8.2 12.2

79 6.8 7.4 11.0#



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



#14

Acetophenone

Concen: 20.60 ng/ul

RT: 8.87 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

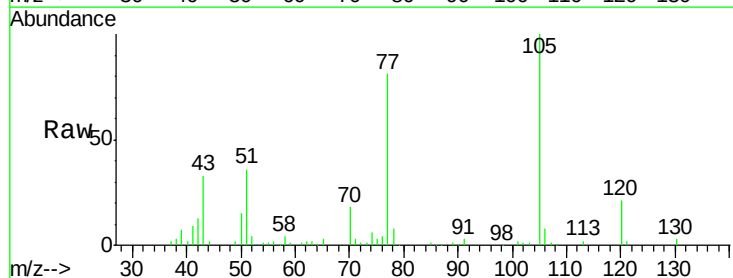
Tgt Ion: 105 Resp: 68883

Ion Ratio Lower Upper

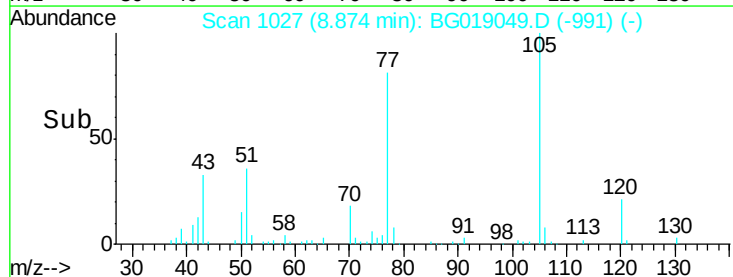
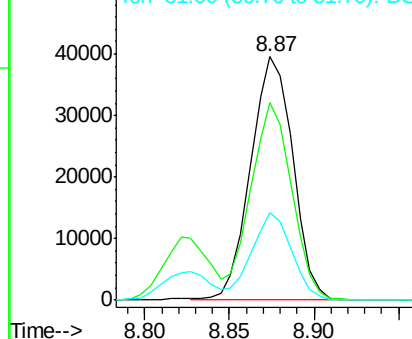
105 100

77 80.9 63.8 95.6

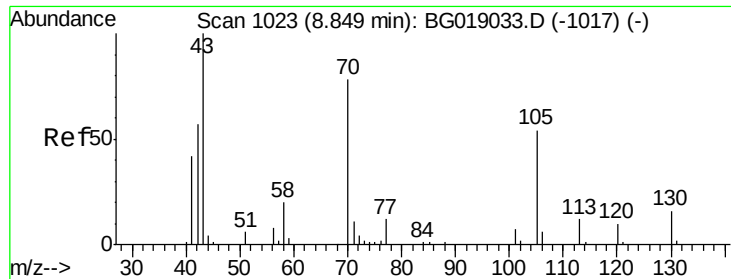
51 36.1 26.1 39.1



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



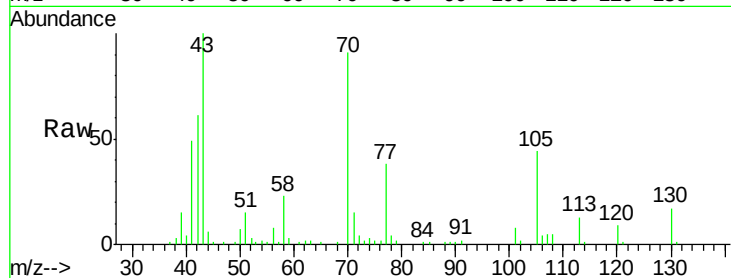




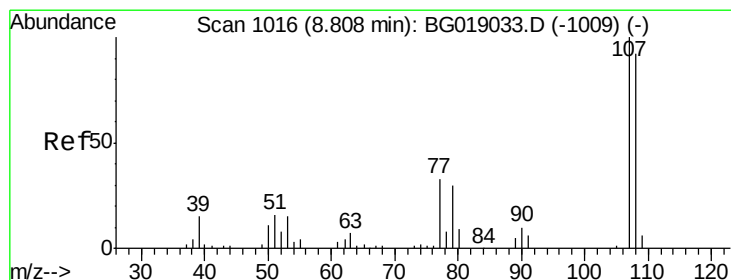
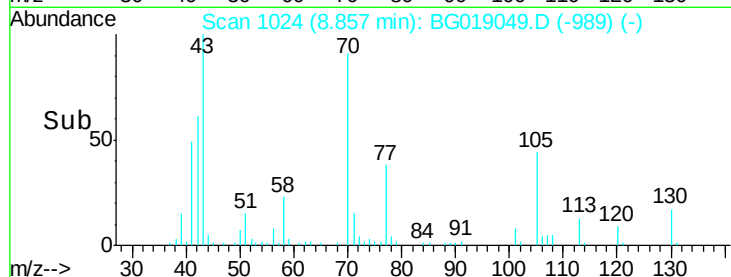
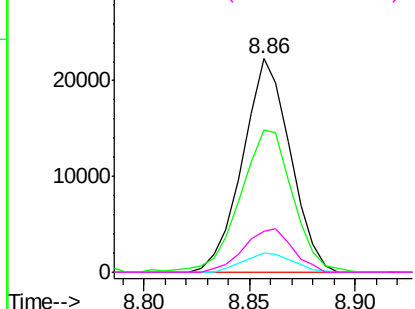
#15  
N-Nitroso-di-n-propylamine  
Concen: 19.50 ng/ul  
RT: 8.86 min Scan# 1024  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02036

Tgt Ion: 70 Resp: 35053  
Ion Ratio Lower Upper  
70 100  
42 66.5 53.6 80.4  
101 8.8 7.9 11.9  
130 19.1 16.5 24.7

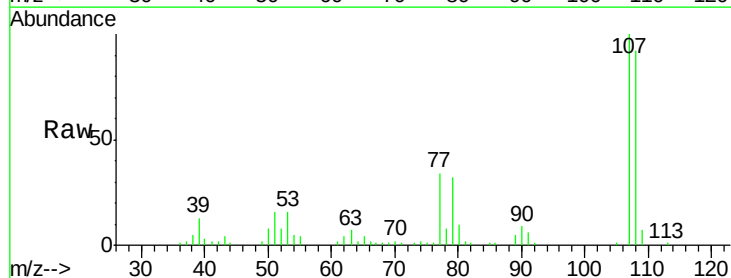


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

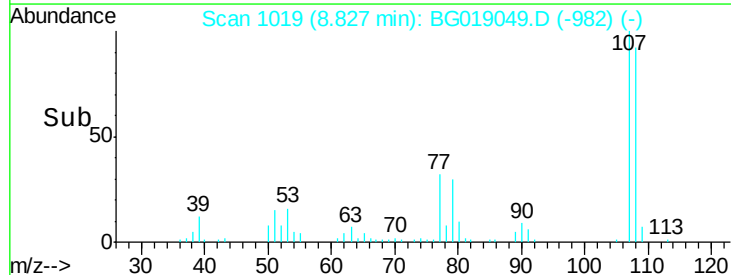
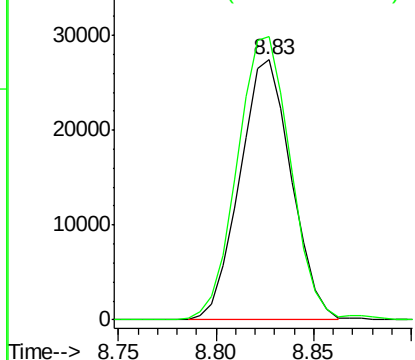


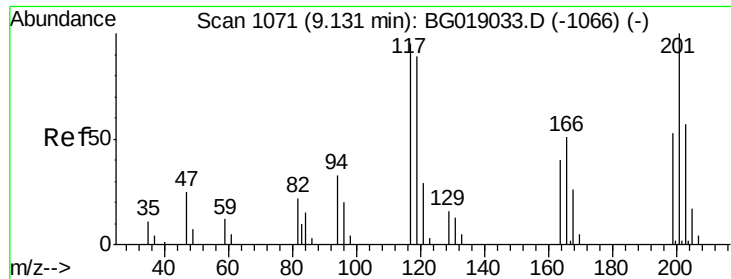
#16  
4-Methylphenol  
Concen: 21.08 ng/ul  
RT: 8.83 min Scan# 1019  
Delta R.T. 0.02 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

Tgt Ion: 108 Resp: 50189  
Ion Ratio Lower Upper  
108 100  
107 108.8 86.6 130.0



Abundance Ion 108.00 (107.70 to 108.70): BGC  
Ion 107.00 (106.70 to 107.70): BGC

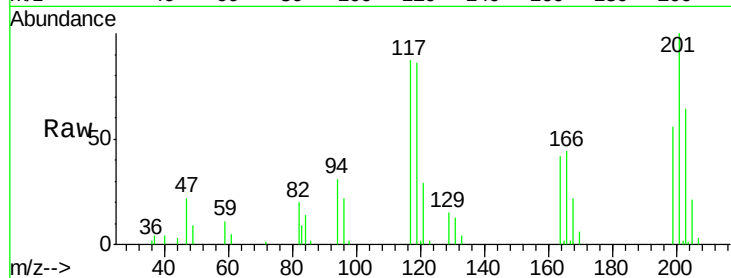




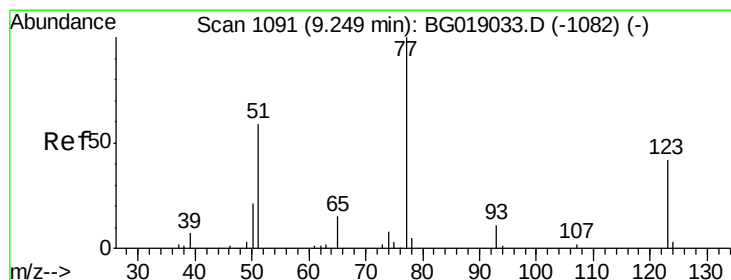
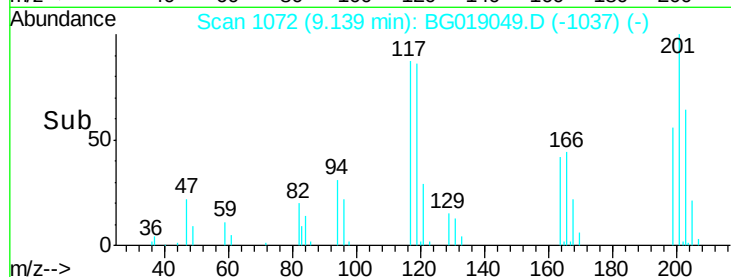
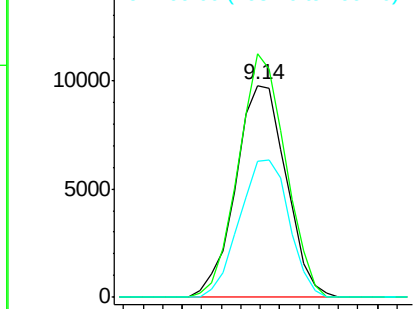
#17  
Hexachloroethane  
Concen: 20.49 ng/ul  
RT: 9.14 min Scan# 1072  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02036

Tgt Ion: 117 Resp: 17460  
Ion Ratio Lower Upper  
117 100  
201 114.8 91.4 137.0  
199 64.2 58.7 88.1

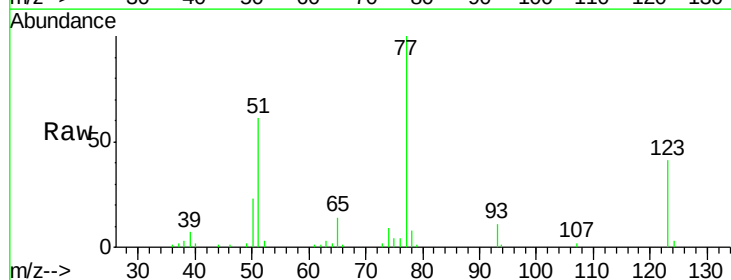


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

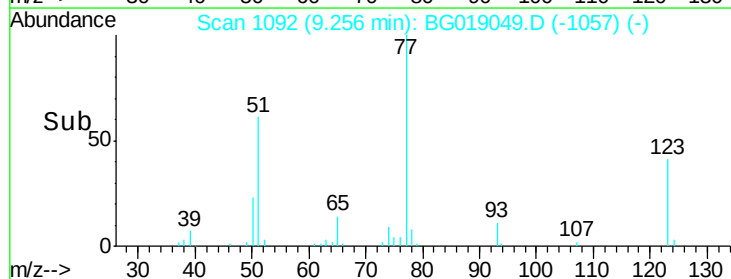
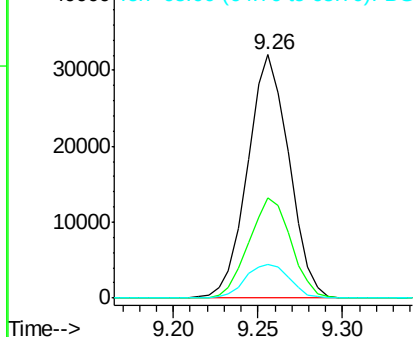


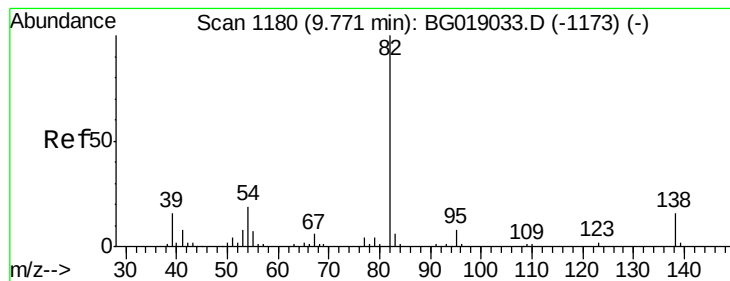
#20  
Nitrobenzene  
Concen: 20.14 ng/ul  
RT: 9.26 min Scan# 1092  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

Tgt Ion: 77 Resp: 54741  
Ion Ratio Lower Upper  
77 100  
123 41.0 32.6 48.8  
65 14.0 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 19.37 ng/ul

RT: 9.78 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

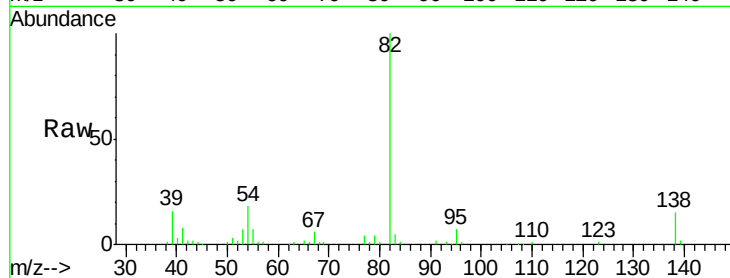
Tgt Ion: 82 Resp: 102743

Ion Ratio Lower Upper

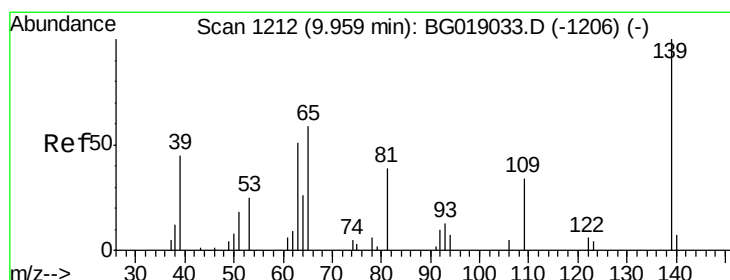
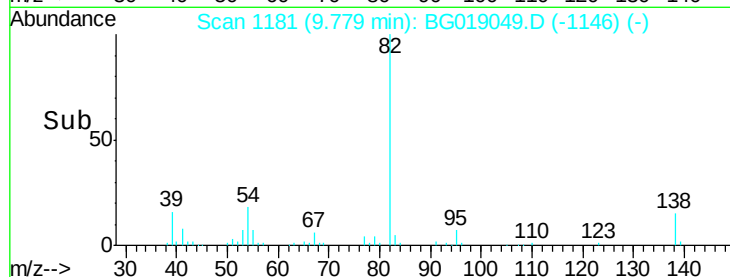
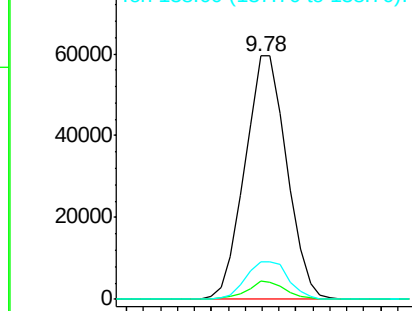
82 100

95 7.4 5.1 7.7

138 15.3 12.2 18.2



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



#23

2-Nitrophenol

Concen: 21.17 ng/ul

RT: 9.97 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

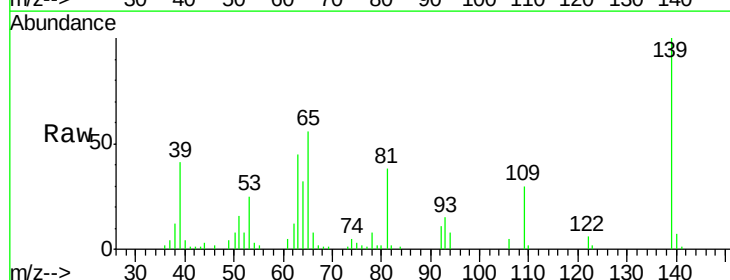
Tgt Ion: 139 Resp: 25537

Ion Ratio Lower Upper

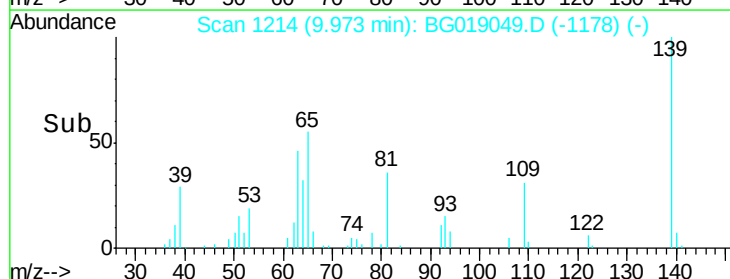
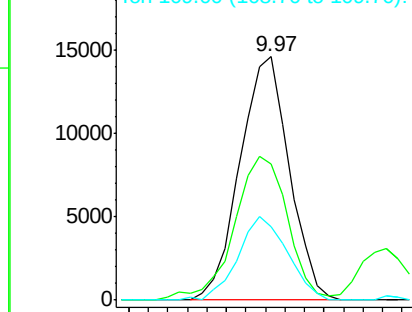
139 100

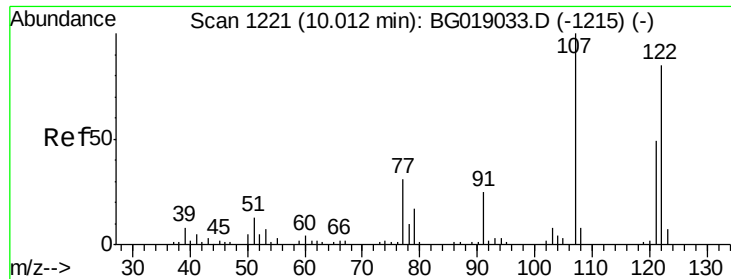
65 55.8 45.6 68.4

109 30.4 24.7 37.1



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

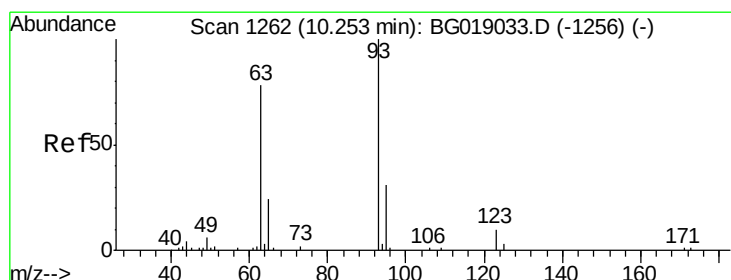
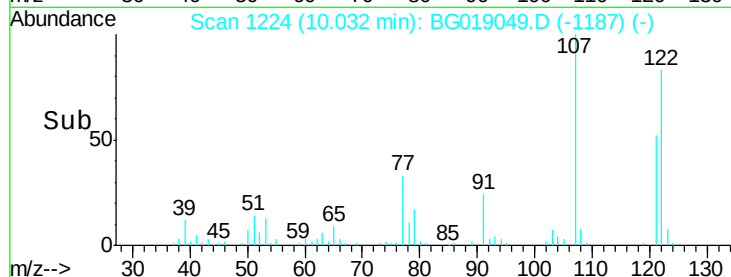
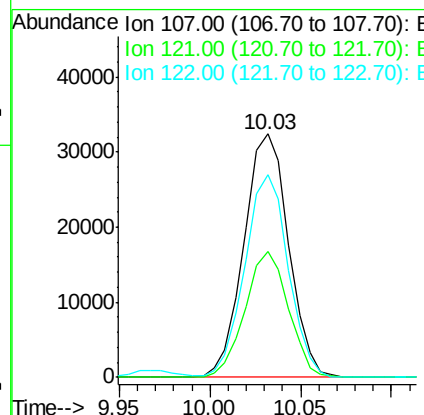
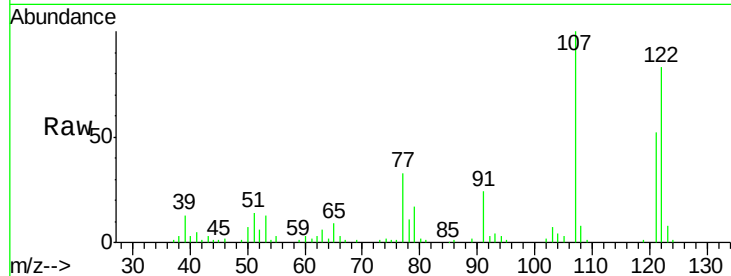




#24  
 2,4-Dimethylphenol  
 Concen: 20.33 ng/ul  
 RT: 10.03 min Scan# 1224  
 Delta R.T. 0.02 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

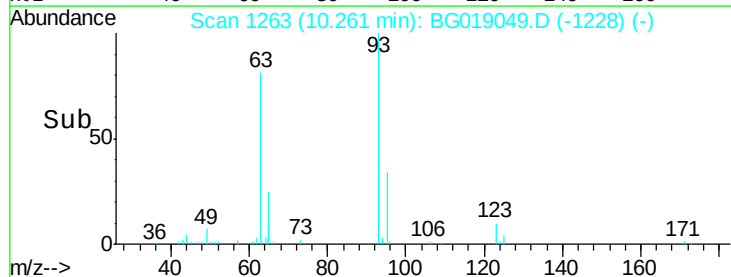
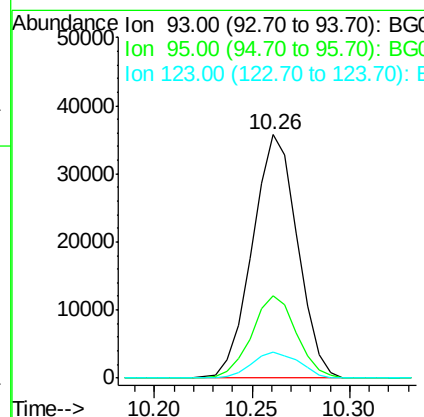
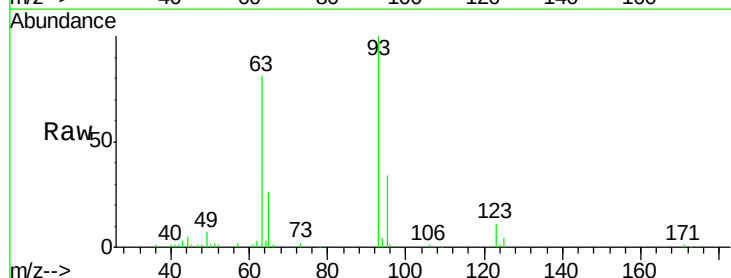
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02036

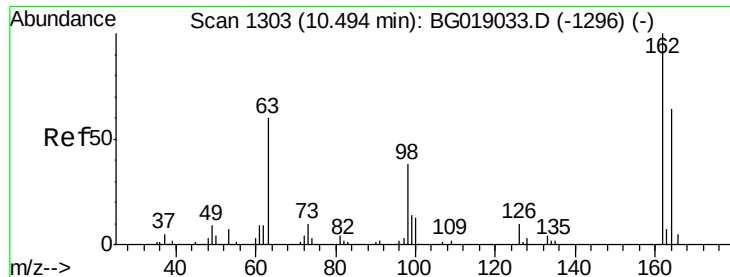
Tgt Ion: 107 Resp: 55654  
 Ion Ratio Lower Upper  
 107 100  
 121 51.6 37.2 55.8  
 122 83.2 67.6 101.4



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 18.22 ng/ul  
 RT: 10.26 min Scan# 1263  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Tgt Ion: 93 Resp: 57135  
 Ion Ratio Lower Upper  
 93 100  
 95 34.0 25.4 38.0  
 123 10.9 8.0 12.0

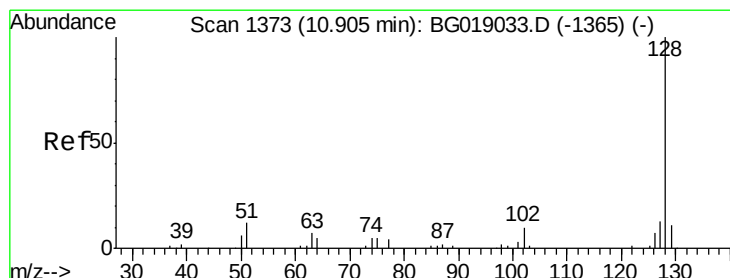
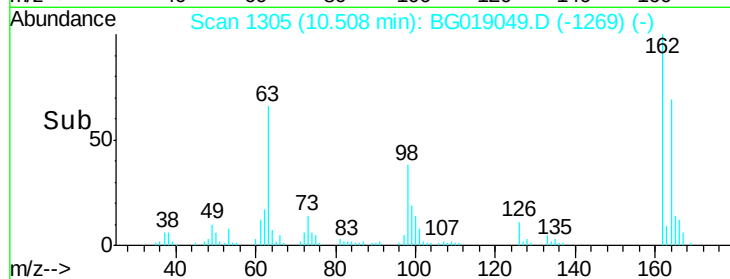
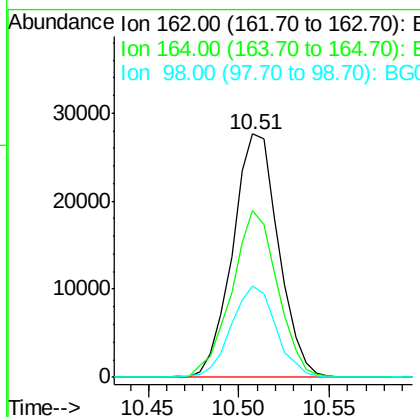
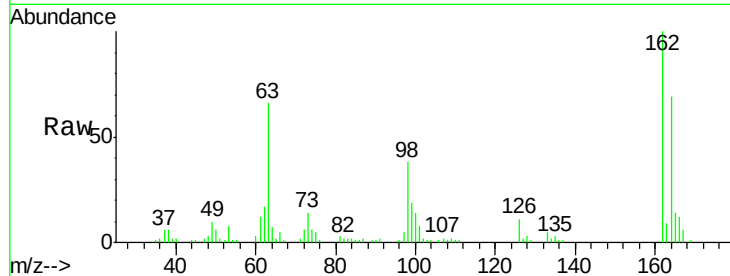




#27  
 2,4-Dichlorophenol  
 Concen: 21.10 ng/ul  
 RT: 10.51 min Scan# 1305  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

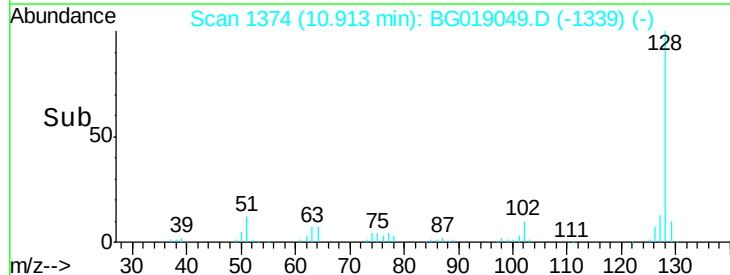
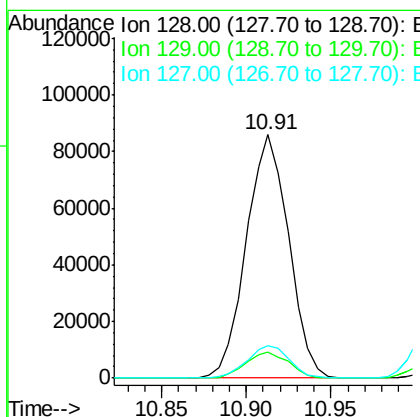
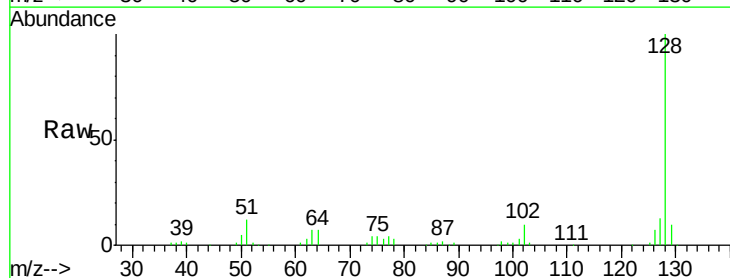
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

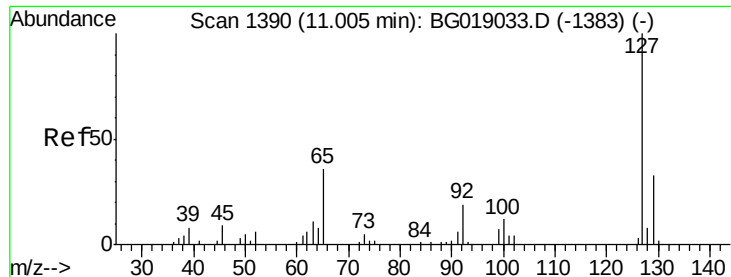
Tgt Ion:162 Resp: 48500  
 Ion Ratio Lower Upper  
 162 100  
 164 68.6 50.0 75.0  
 98 37.6 29.0 43.6



#28  
 Naphthalene  
 Concen: 20.02 ng/ul  
 RT: 10.91 min Scan# 1374  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Tgt Ion:128 Resp: 149741  
 Ion Ratio Lower Upper  
 128 100  
 129 10.4 9.6 14.4  
 127 13.4 11.3 16.9

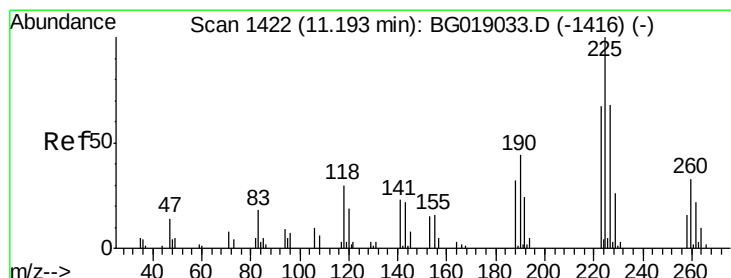
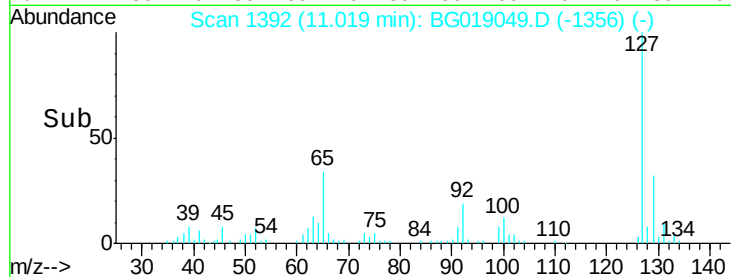
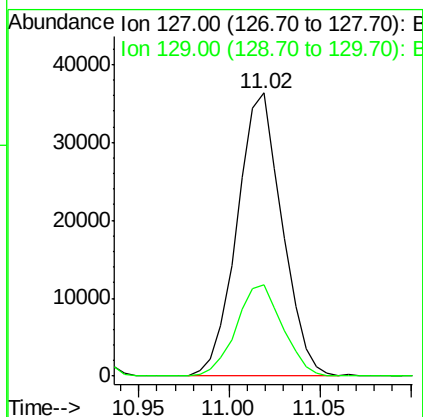
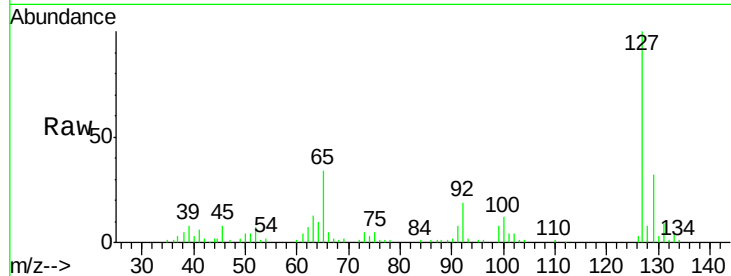




#30  
 4-Chloroaniline  
 Concen: 22.16 ng/ul  
 RT: 11.02 min Scan# 1392  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

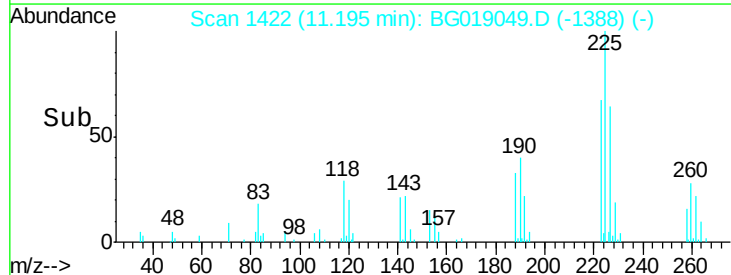
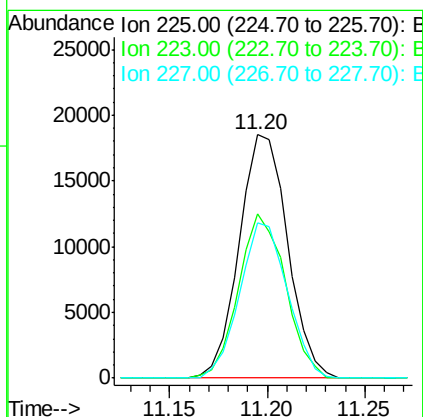
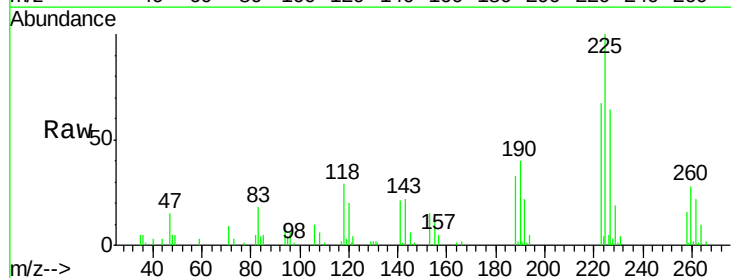
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

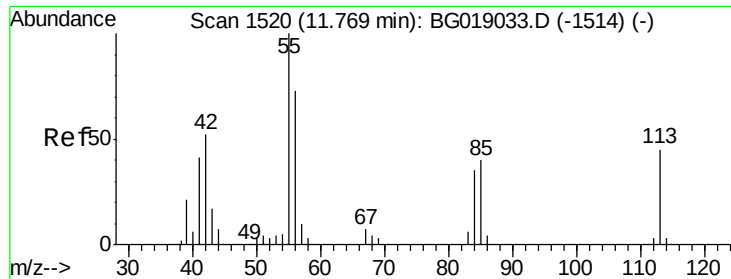
Tgt Ion:127 Resp: 62820  
 Ion Ratio Lower Upper  
 127 100  
 129 32.2 24.3 36.5



#31  
 Hexachlorobutadiene  
 Concen: 21.70 ng/ul  
 RT: 11.20 min Scan# 1422  
 Delta R.T. 0.00 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Tgt Ion:225 Resp: 31792  
 Ion Ratio Lower Upper  
 225 100  
 223 67.3 52.6 79.0  
 227 63.7 54.0 81.0

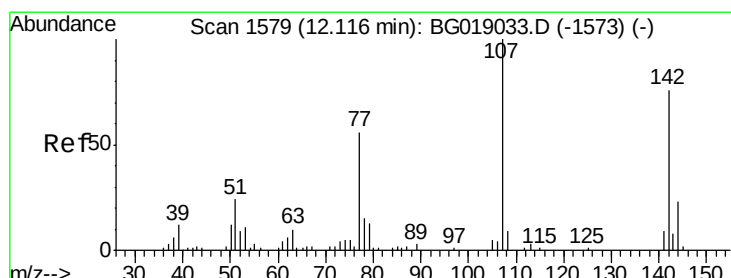
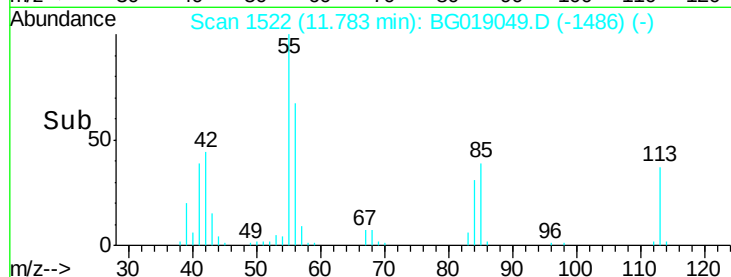
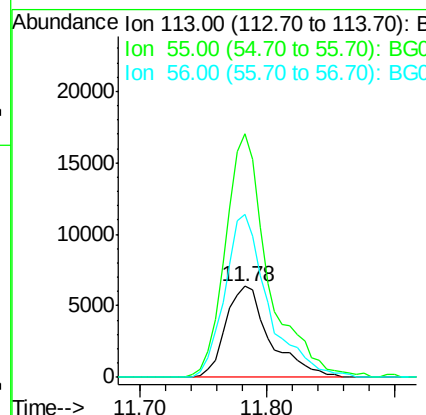
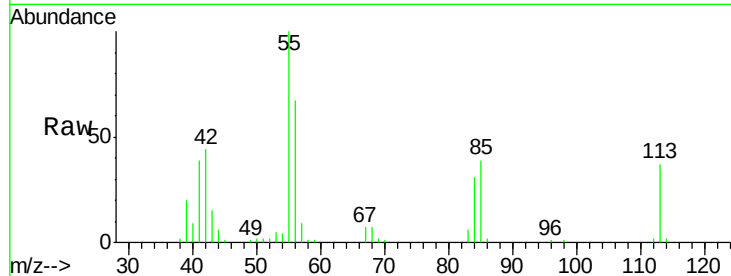




#32  
 Caprolactam  
 Concen: 19.91 ng/ul  
 RT: 11.78 min Scan# 1522  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

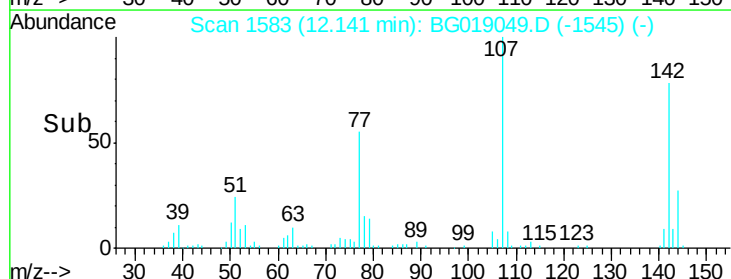
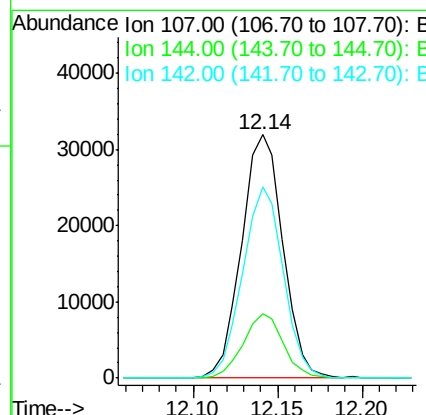
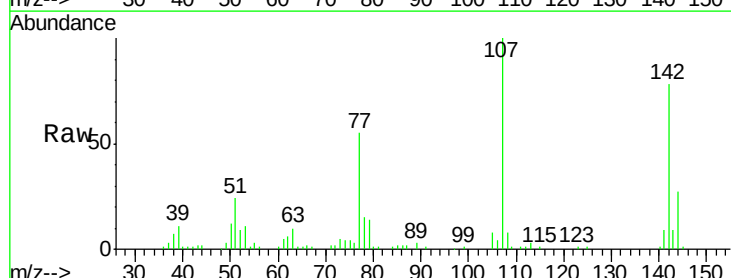
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

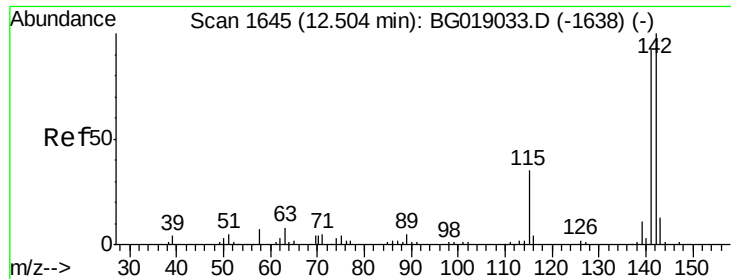
Tgt Ion:113 Resp: 15428  
 Ion Ratio Lower Upper  
 113 100  
 55 267.0 169.3 253.9#  
 56 179.0 125.8 188.8



#33  
 4-Chloro-3-methylphenol  
 Concen: 21.57 ng/ul  
 RT: 12.14 min Scan# 1583  
 Delta R.T. 0.03 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Tgt Ion:107 Resp: 54397  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 20.9 31.3  
 142 78.4 65.6 98.4

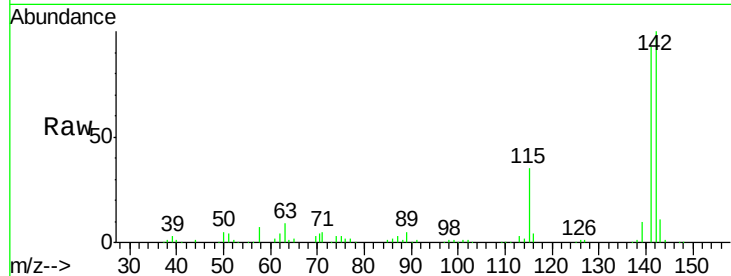




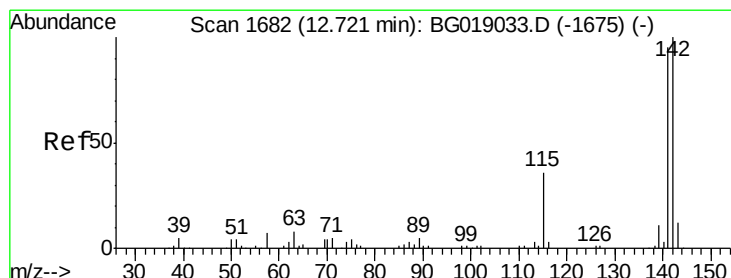
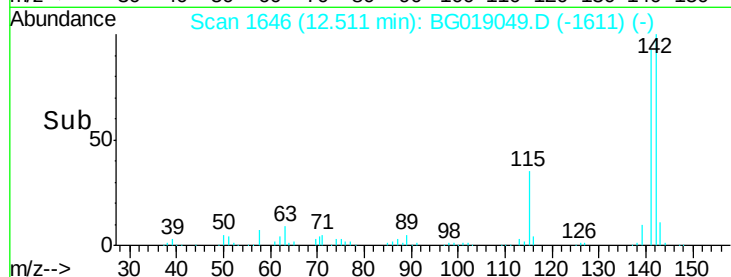
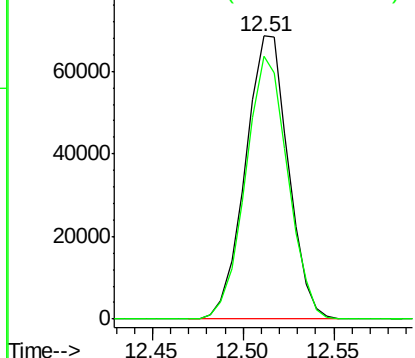
#34  
2-Methylnaphthalene  
Concen: 20.10 ng/ul  
RT: 12.51 min Scan# 1646  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02036

Tgt Ion:142 Resp: 112606  
Ion Ratio Lower Upper  
142 100  
141 92.8 73.4 110.0

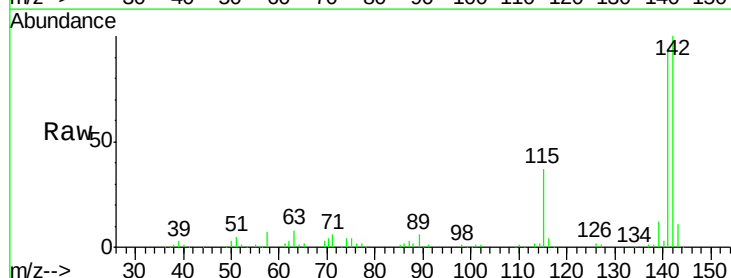


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E

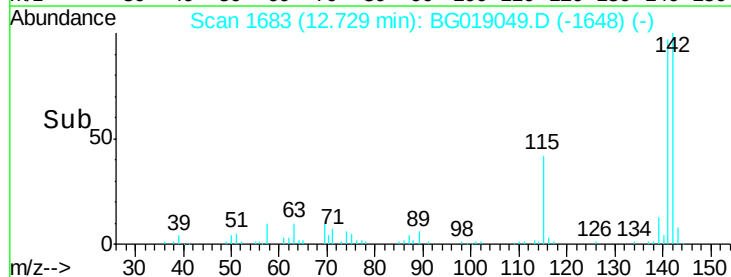
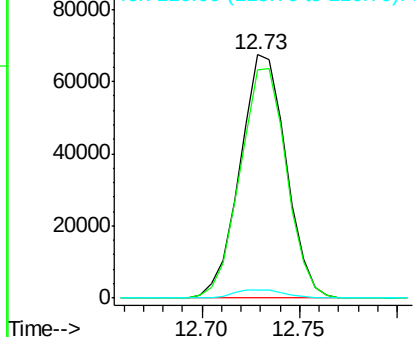


#35  
1-Methylnaphthalene  
Concen: 20.11 ng/ul  
RT: 12.73 min Scan# 1683  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

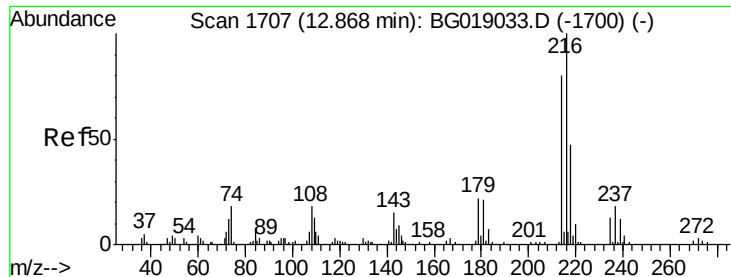
Tgt Ion:142 Resp: 110521  
Ion Ratio Lower Upper  
142 100  
141 93.7 74.8 112.2  
116 3.5 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E



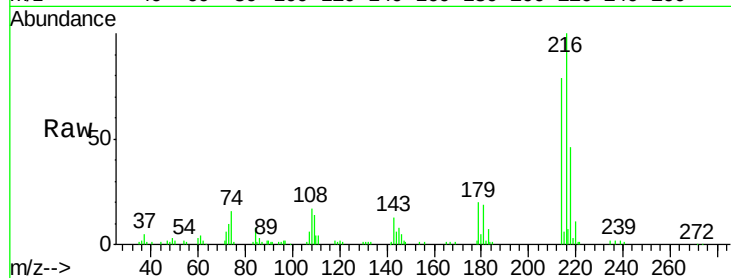




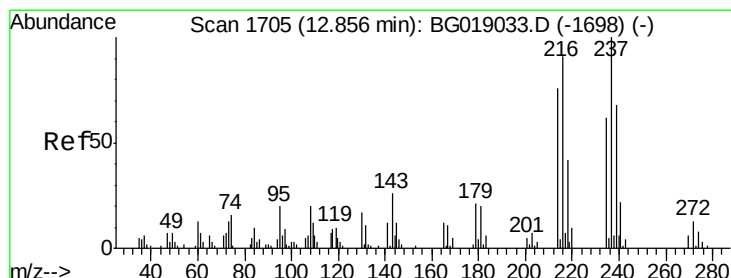
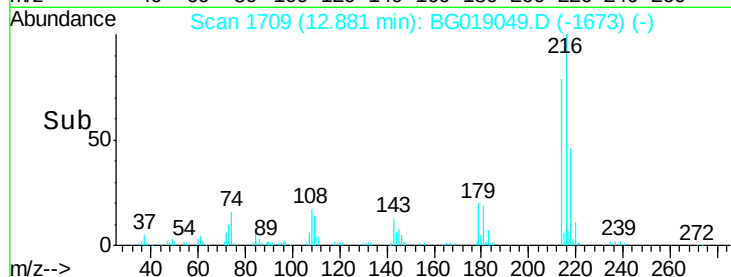
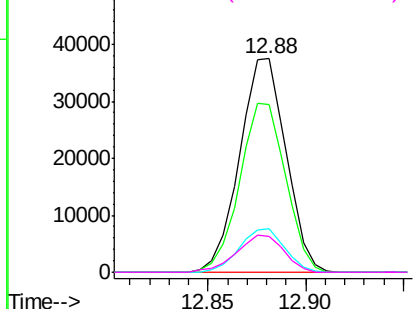
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.98 ng/ul  
 RT: 12.88 min Scan# 1709  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 61738 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 78.6  | 62.6  | 94.0  |
| 179      | 20.2  | 14.6  | 22.0  |
| 108      | 16.5  | 12.9  | 19.3  |

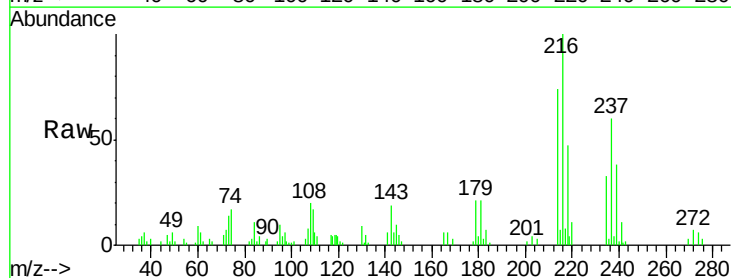


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

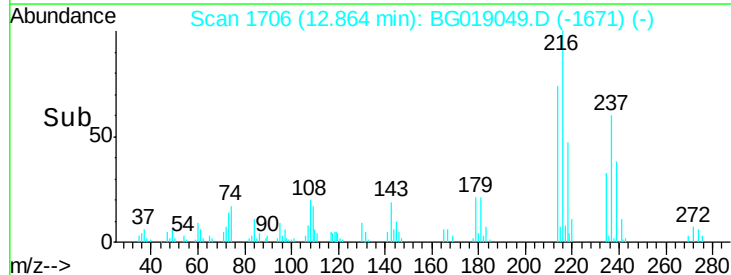
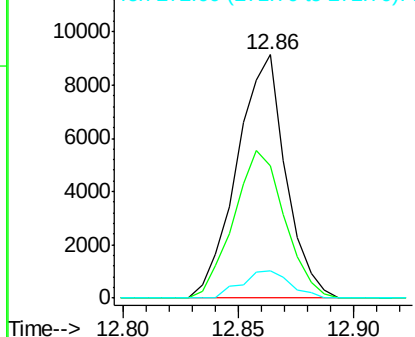


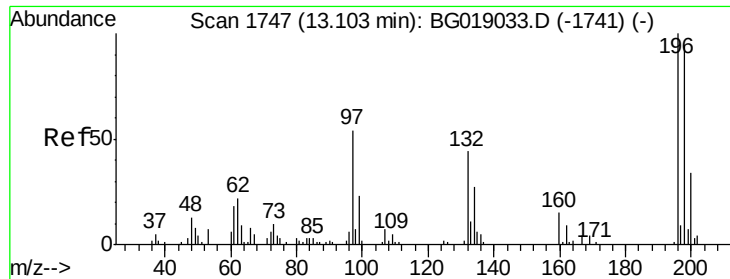
#38  
 Hexachlorocyclopentadiene  
 Concen: 7.10 ng/ul  
 RT: 12.86 min Scan# 1706  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 13424 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 54.3  | 51.7  | 77.5  |
| 272      | 11.4  | 10.2  | 15.2  |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

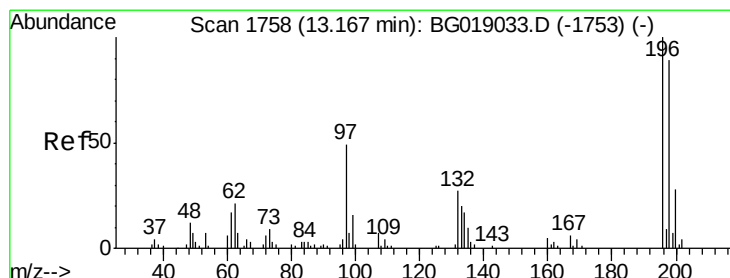
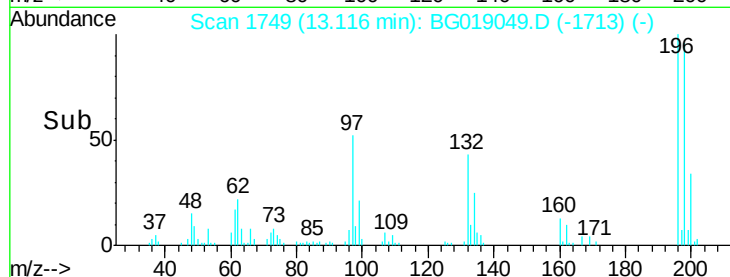
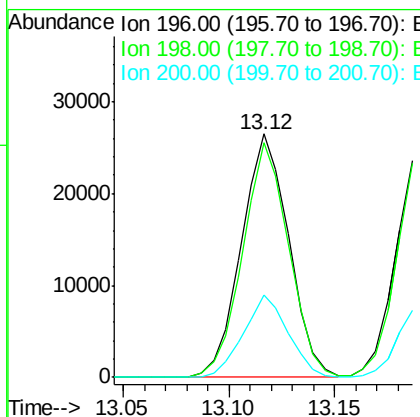
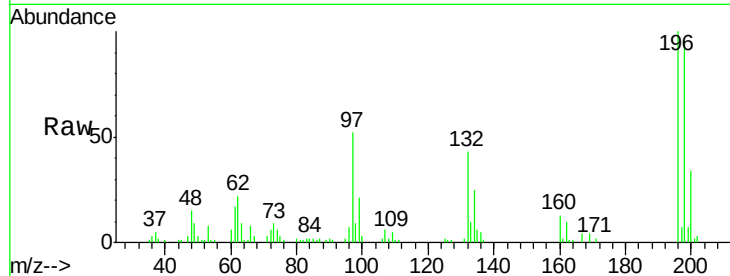




#39  
 2,4,6-Trichlorophenol  
 Concen: 21.55 ng/ul  
 RT: 13.12 min Scan# 1749  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

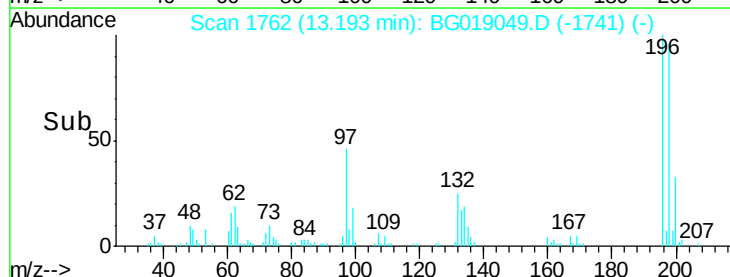
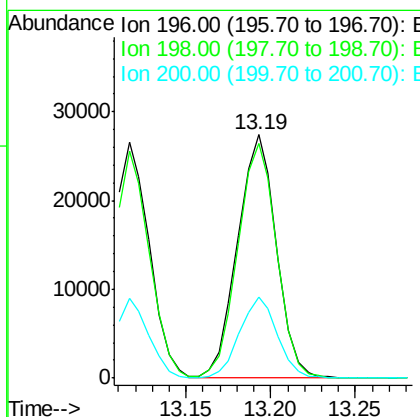
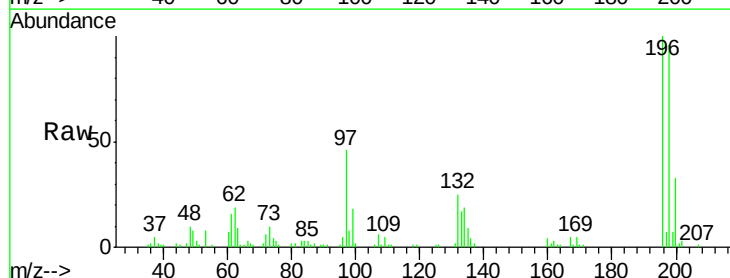
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

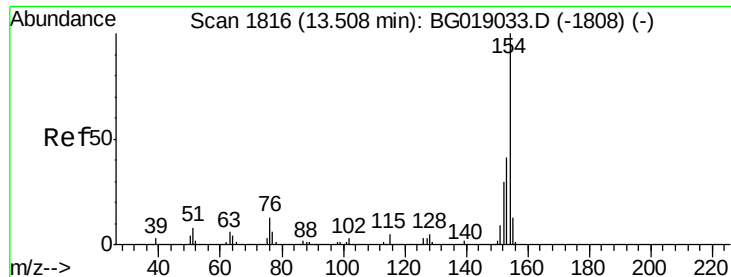
Tgt Ion:196 Resp: 41224  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 79.0 118.6  
 200 33.9 25.8 38.6



#40  
 2,4,5-Trichlorophenol  
 Concen: 21.33 ng/ul  
 RT: 13.19 min Scan# 1762  
 Delta R.T. 0.03 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Tgt Ion:196 Resp: 43796  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 73.9 110.9  
 200 33.3 27.1 40.7

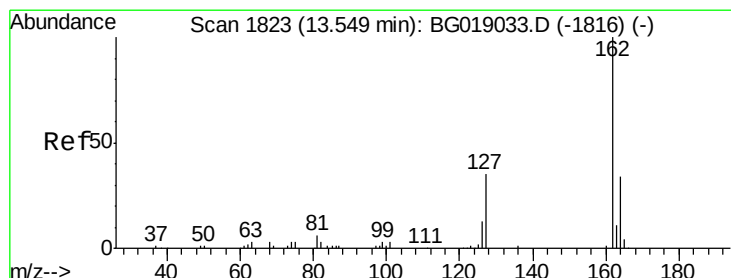
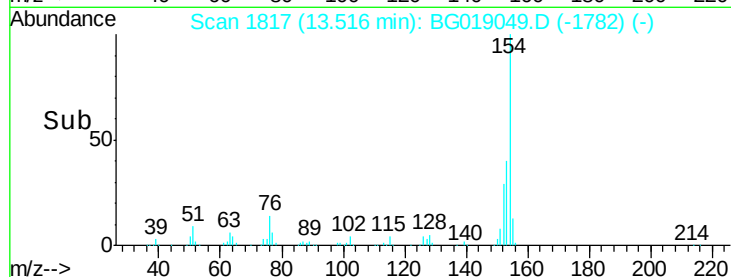
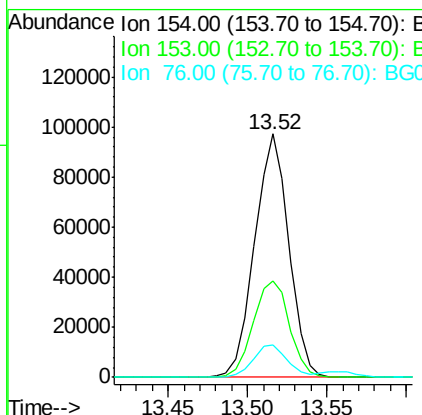
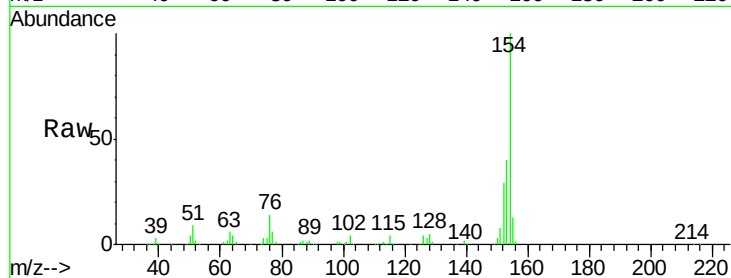




#41  
 1,1'-Biphenyl  
 Concen: 19.73 ng/ul  
 RT: 13.52 min Scan# 1817  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

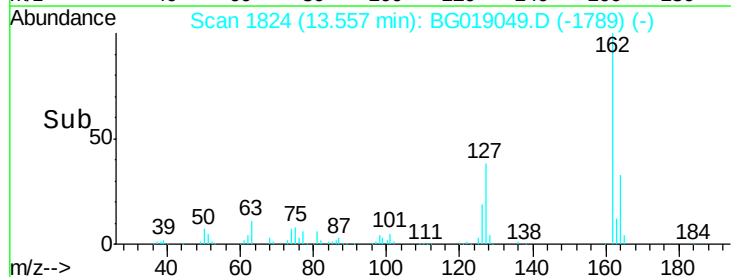
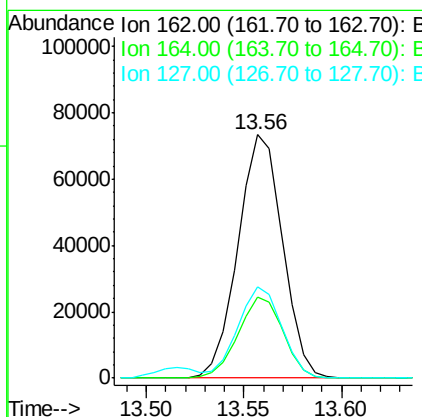
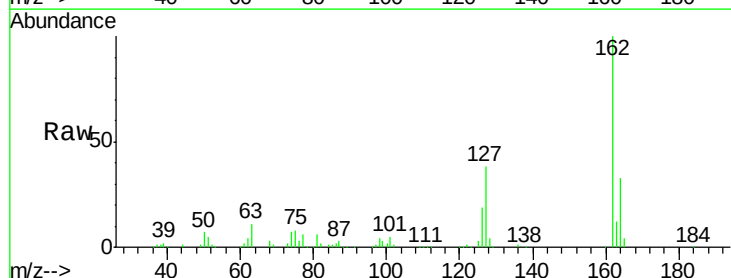
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02036

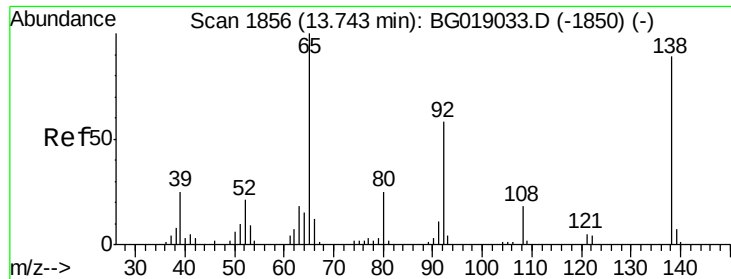
Tgt Ion:154 Resp: 145746  
 Ion Ratio Lower Upper  
 154 100  
 153 39.6 31.4 47.0  
 76 13.5 10.8 16.2



#42  
 2-Chloronaphthalene  
 Concen: 20.23 ng/ul  
 RT: 13.56 min Scan# 1824  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Tgt Ion:162 Resp: 116025  
 Ion Ratio Lower Upper  
 162 100  
 164 33.2 25.8 38.8  
 127 37.6 29.0 43.4





#43

2-Nitroaniline

Concen: 22.19 ng/ul

RT: 13.76 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

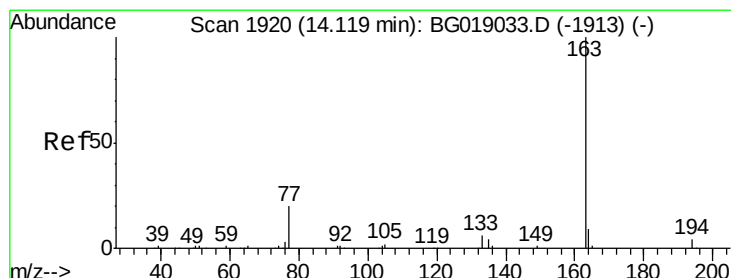
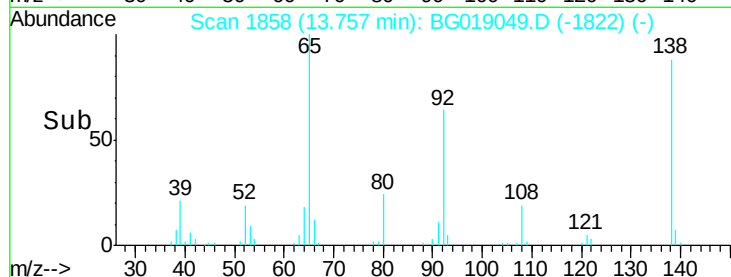
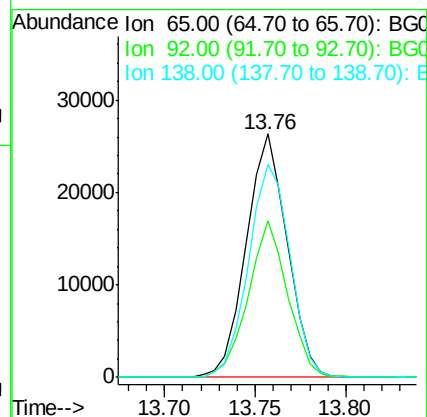
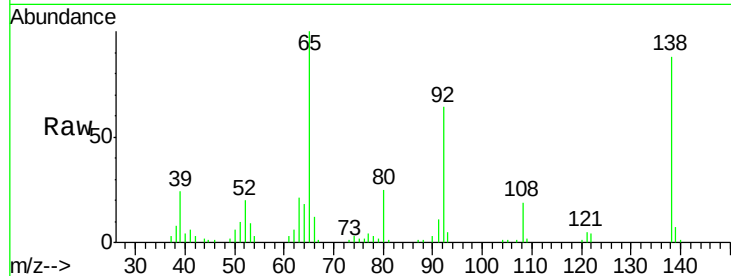
Tgt Ion: 65 Resp: 41350

Ion Ratio Lower Upper

65 100

92 64.2 50.7 76.1

138 87.5 74.9 112.3



#45

Dimethylphthalate

Concen: 19.21 ng/ul

RT: 14.13 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

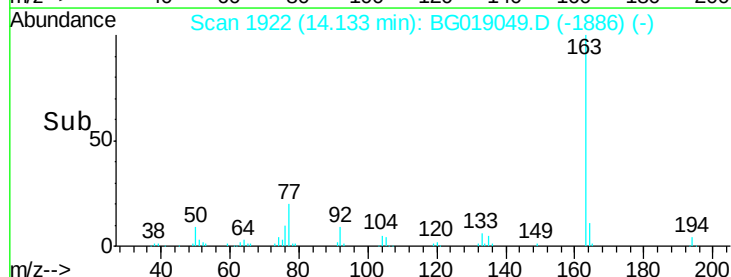
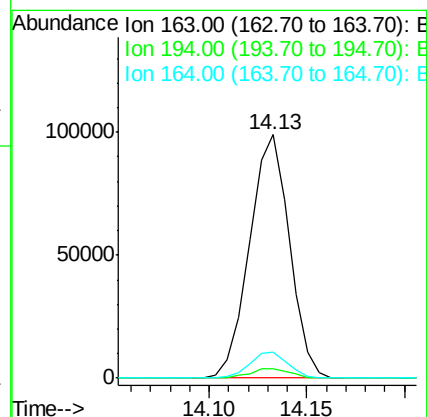
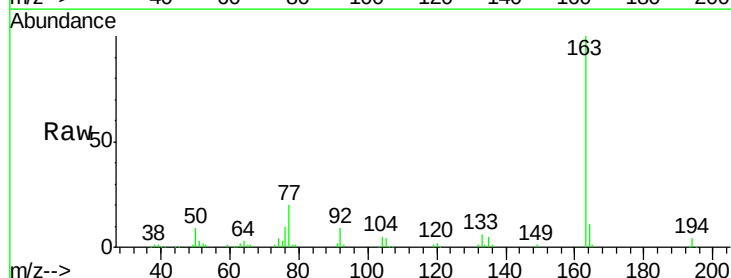
Tgt Ion: 163 Resp: 140175

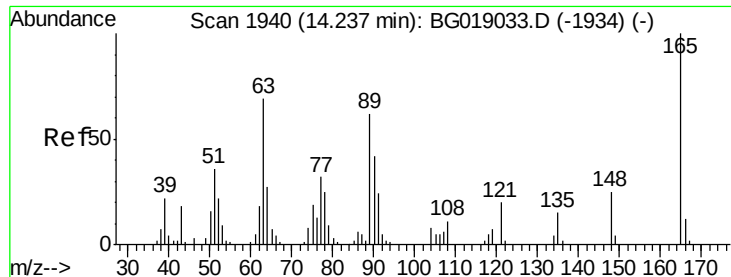
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.5 8.1 12.1

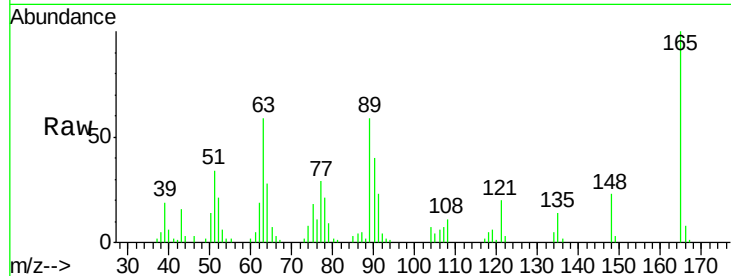




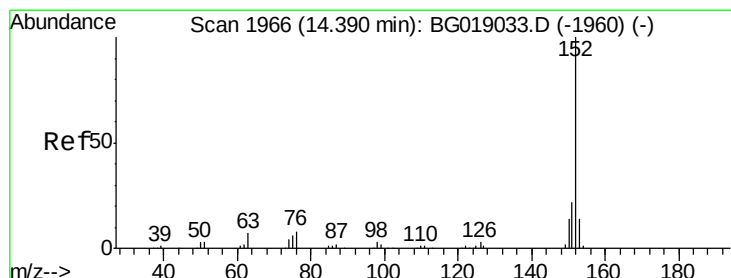
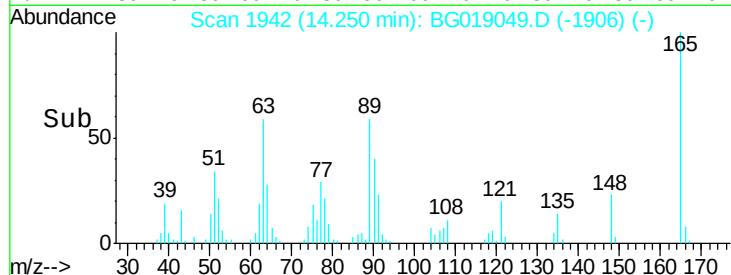
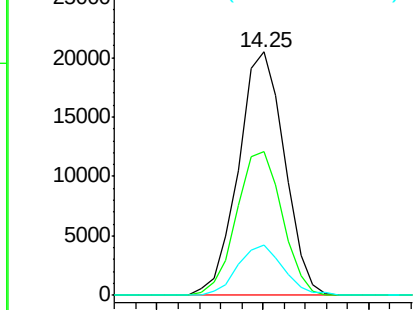
#46  
 2,6-Dinitrotoluene  
 Concen: 22.05 ng/ul  
 RT: 14.25 min Scan# 1942  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

Tgt Ion:165 Resp: 30939  
 Ion Ratio Lower Upper  
 165 100  
 89 59.1 45.5 68.3  
 121 20.5 16.8 25.2

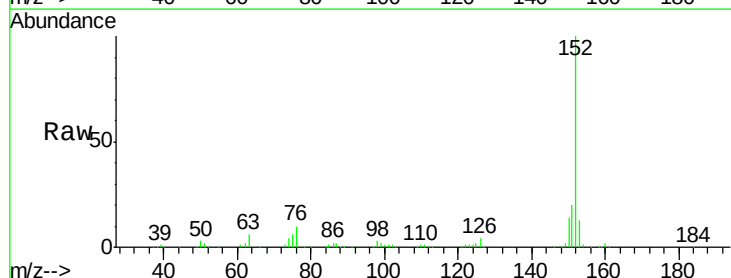


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 89.00 (88.70 to 89.70): B  
 Ion 121.00 (120.70 to 121.70): E

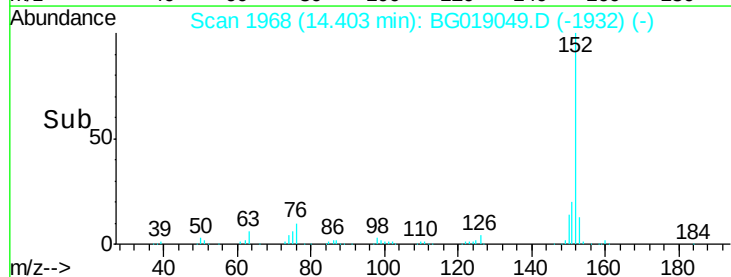
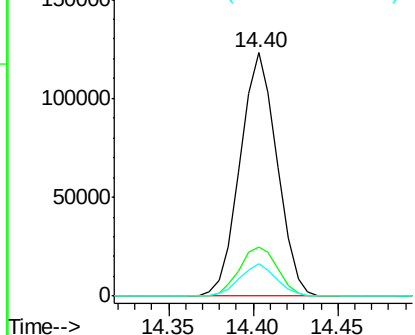


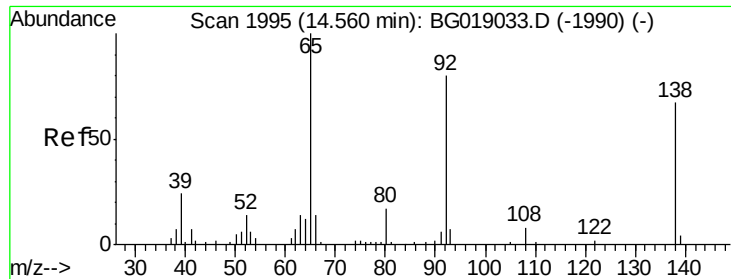
#48  
 Acenaphthylene  
 Concen: 19.80 ng/ul  
 RT: 14.40 min Scan# 1968  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Tgt Ion:152 Resp: 187401  
 Ion Ratio Lower Upper  
 152 100  
 151 20.4 16.6 25.0  
 153 13.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 151.00 (150.70 to 151.70): E  
 Ion 153.00 (152.70 to 153.70): E





#49

3-Nitroaniline

Concen: 22.89 ng/ul

RT: 14.58 min Scan# 1998

Delta R.T. 0.02 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

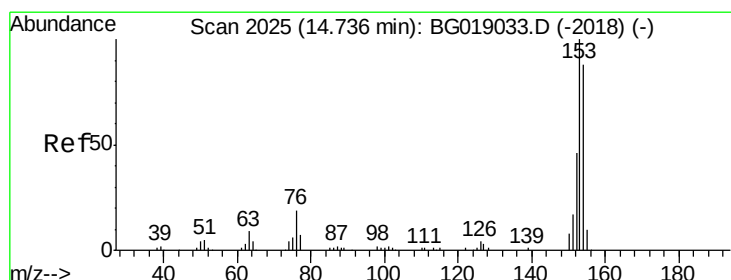
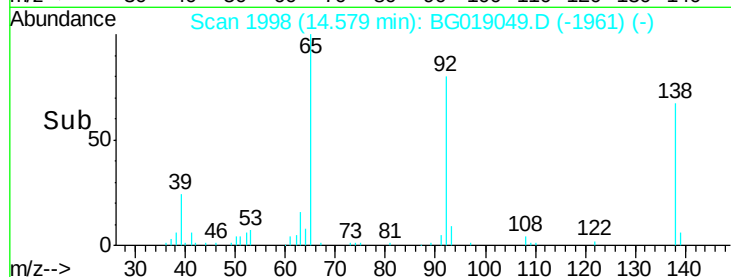
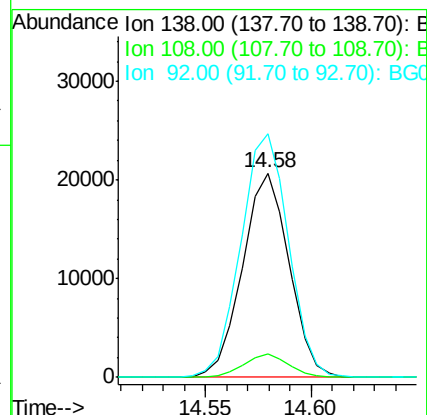
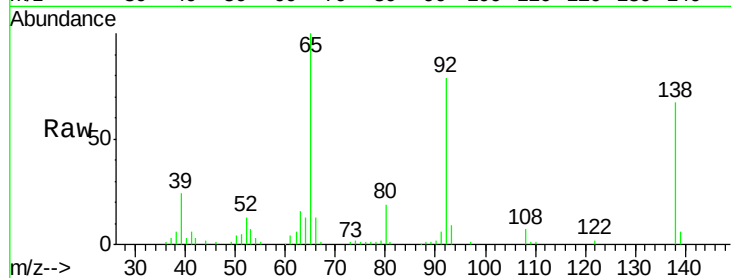
Tgt Ion:138 Resp: 31735

Ion Ratio Lower Upper

138 100

108 11.3 8.9 13.3

92 119.3 92.4 138.6



#50

Acenaphthene

Concen: 19.73 ng/ul

RT: 14.74 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

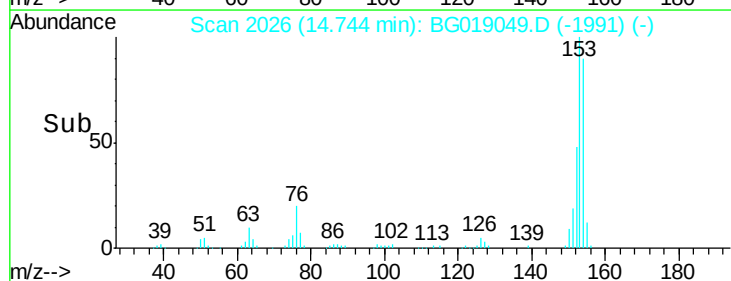
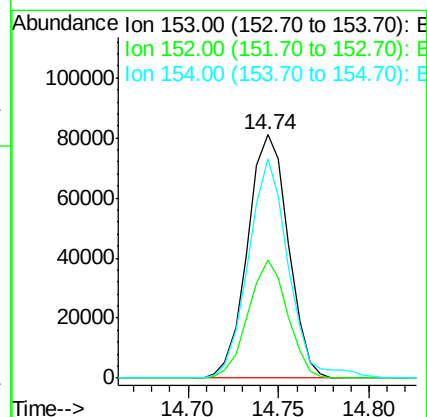
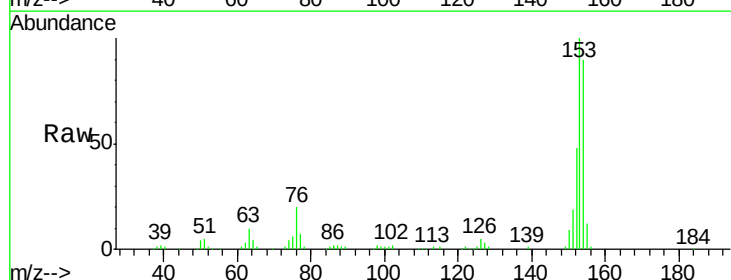
Tgt Ion:153 Resp: 126705

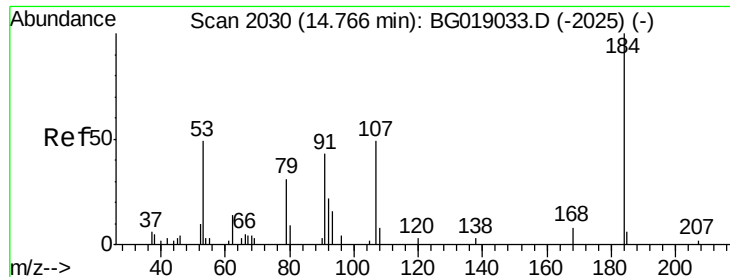
Ion Ratio Lower Upper

153 100

152 48.4 36.2 54.2

154 90.0 67.5 101.3

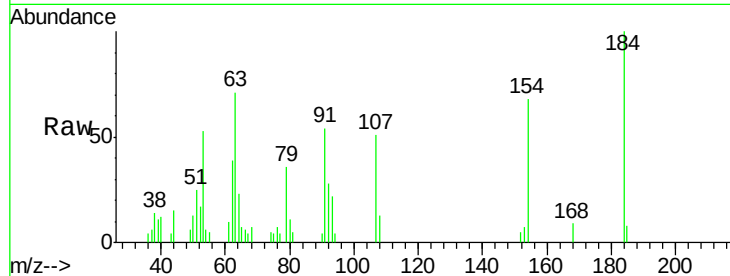




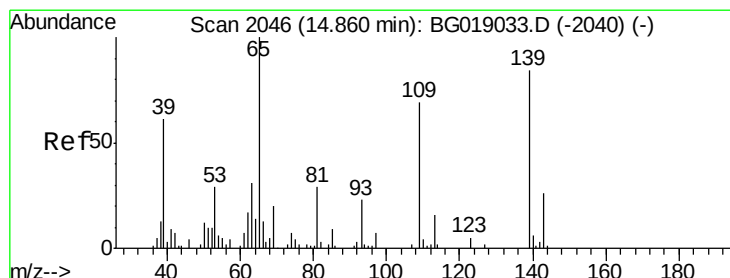
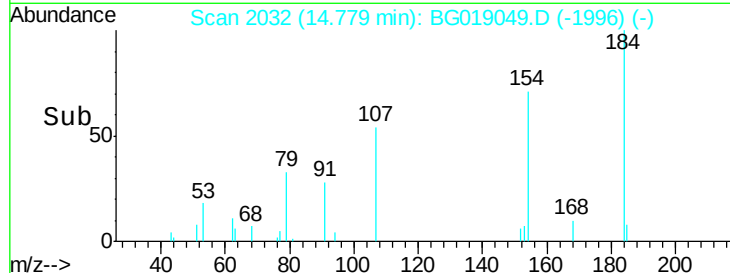
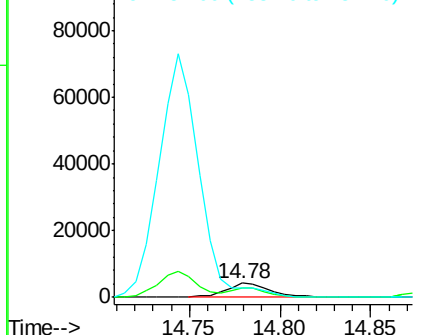
#51  
 2,4-Dinitrophenol  
 Concen: 8.88 ng/ul  
 RT: 14.78 min Scan# 2032  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

Tgt Ion:184 Resp: 7212  
 Ion Ratio Lower Upper  
 184 100  
 63 70.5 51.0 76.4  
 154 67.8 56.5 84.7

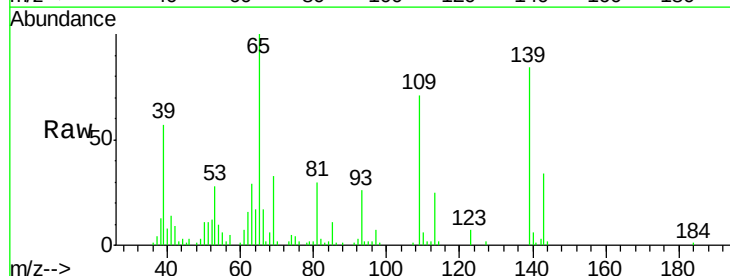


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 154.00 (153.70 to 154.70): E

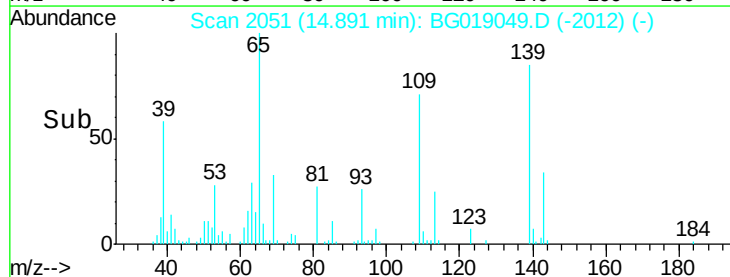
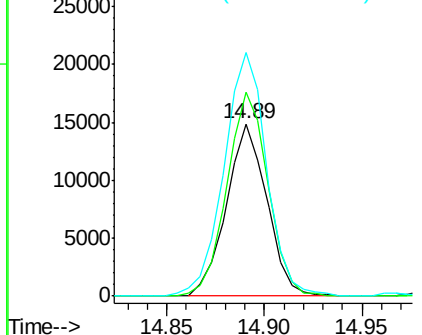


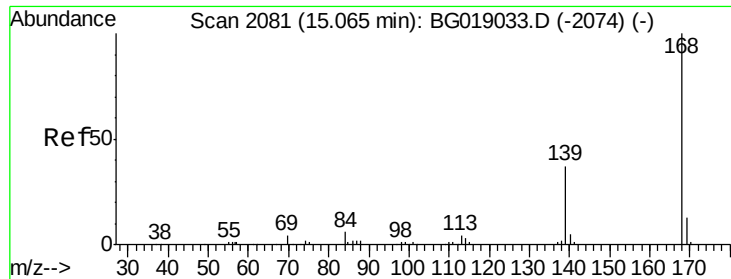
#53  
 4-Nitrophenol  
 Concen: 19.36 ng/ul  
 RT: 14.89 min Scan# 2051  
 Delta R.T. 0.03 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Tgt Ion:109 Resp: 21373  
 Ion Ratio Lower Upper  
 109 100  
 139 118.9 97.9 146.9  
 65 141.6 117.4 176.0



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





#54

Dibenzofuran

Concen: 19.61 ng/ul

RT: 15.08 min Scan# 2083

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

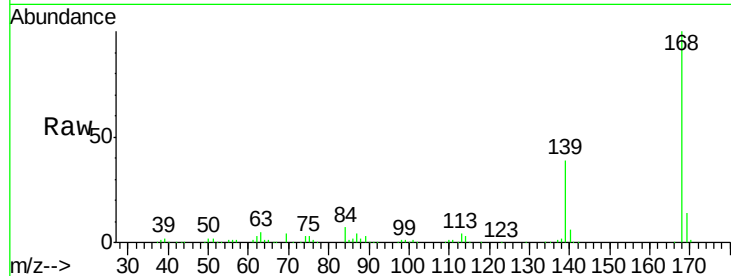
SSTD02036

Tgt Ion:168 Resp: 171295

Ion Ratio Lower Upper

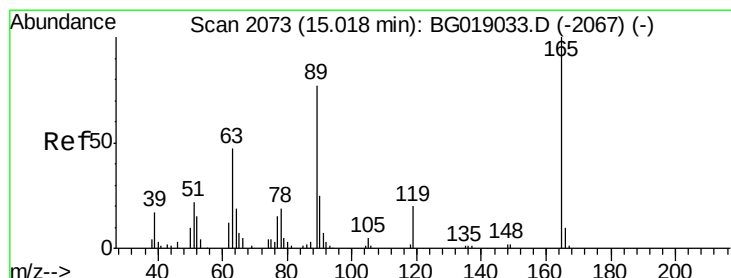
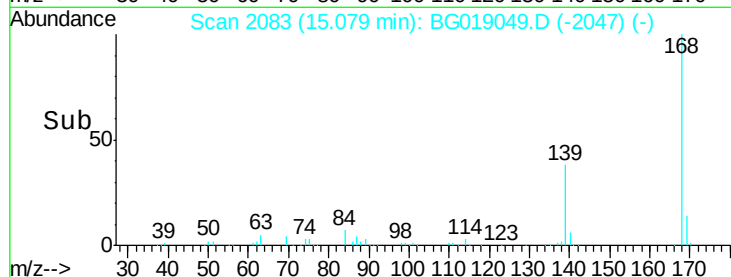
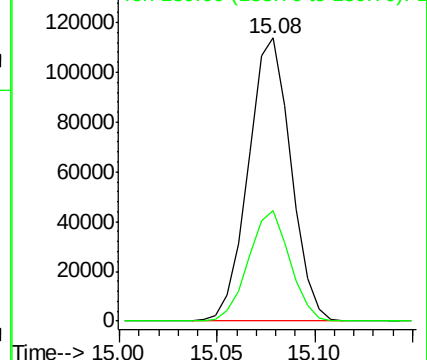
168 100

139 39.2 28.5 42.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 20.81 ng/ul

RT: 15.04 min Scan# 2076

Delta R.T. 0.02 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

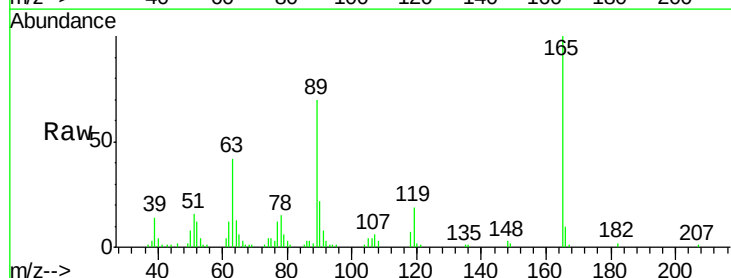
Tgt Ion:165 Resp: 42693

Ion Ratio Lower Upper

165 100

63 41.6 39.5 59.3

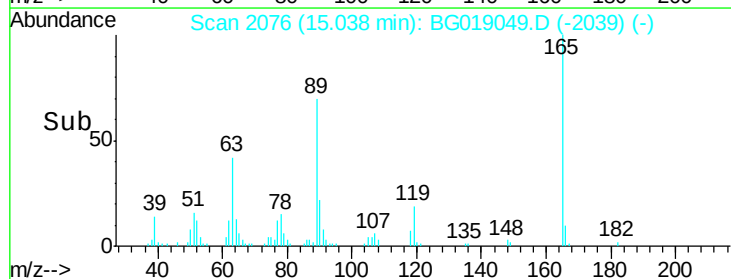
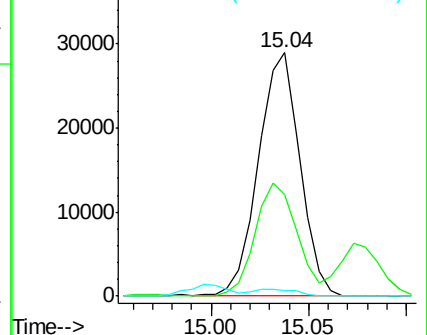
182 2.3 2.2 3.2



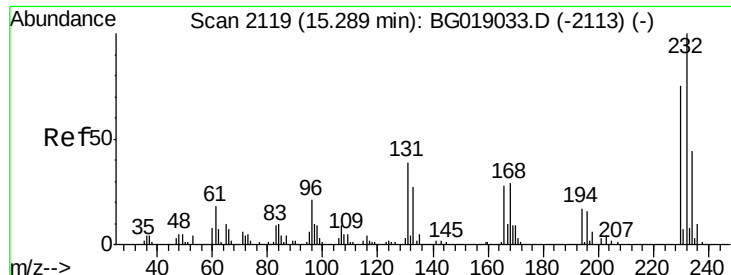
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



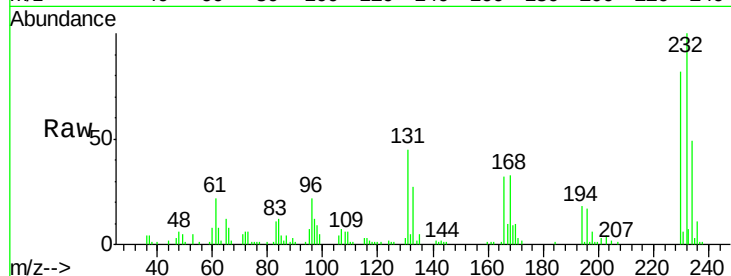




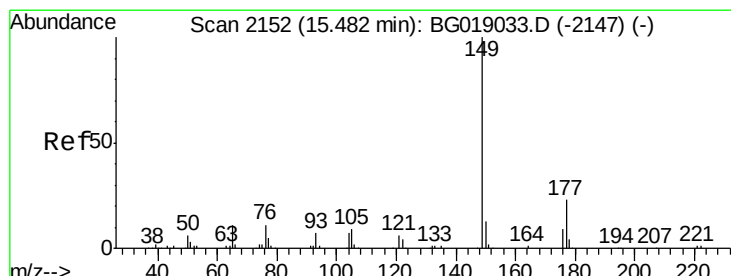
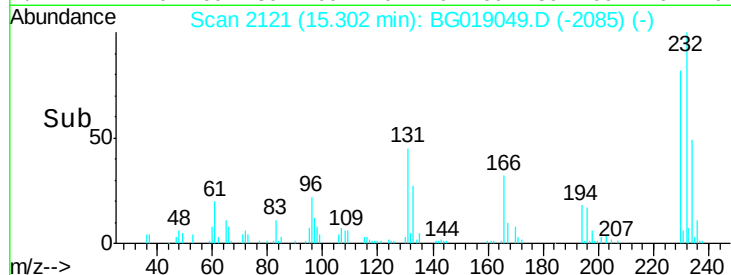
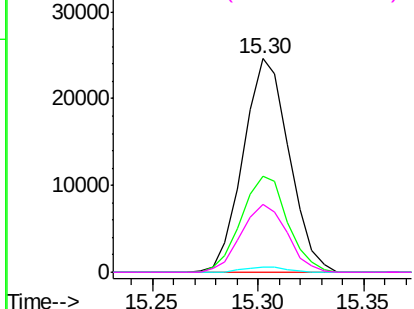
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.64 ng/ul  
 RT: 15.30 min Scan# 2121  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 37217 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 45.2  | 32.6  | 49.0  |
| 130      | 2.6   | 2.2   | 3.4   |
| 166      | 31.8  | 23.1  | 34.7  |

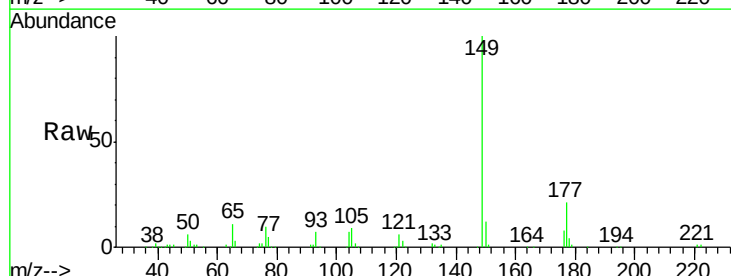


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

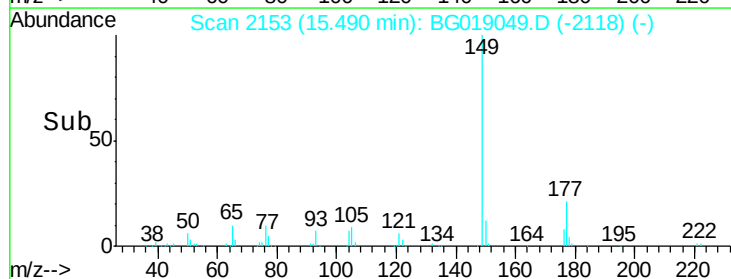
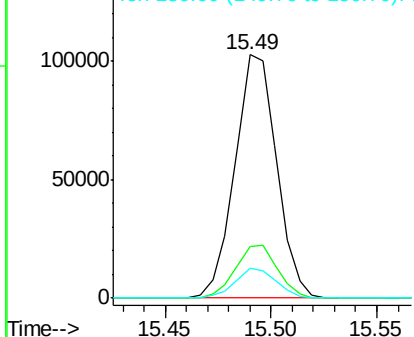


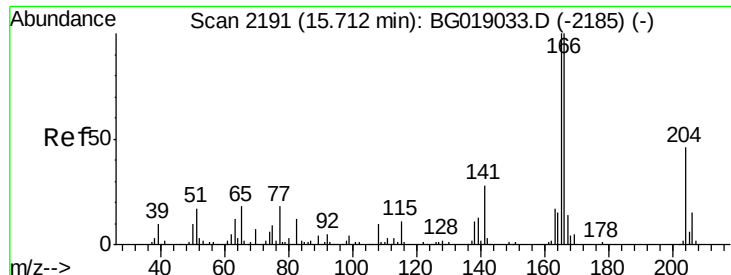
#57  
 Diethylphthalate  
 Concen: 19.21 ng/ul  
 RT: 15.49 min Scan# 2153  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 140611 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.1  | 17.4  | 26.0   |
| 150      | 12.4  | 10.0  | 15.0   |



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





#59

Fluorene

Concen: 19.27 ng/ul

RT: 15.72 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

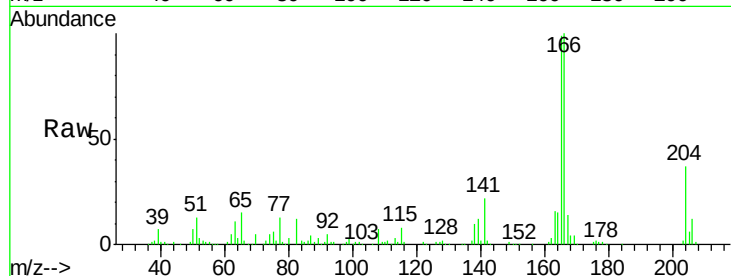
Tgt Ion:166 Resp: 141903

Ion Ratio Lower Upper

166 100

165 99.0 77.7 116.5

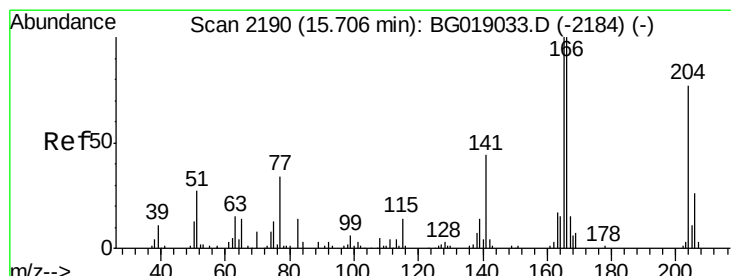
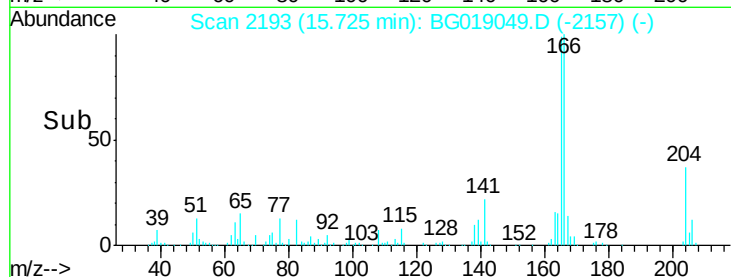
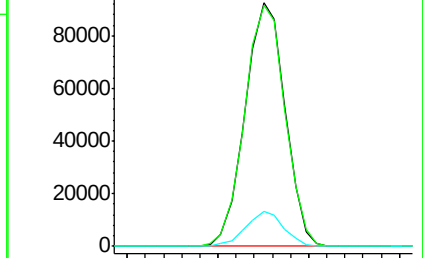
167 14.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 19.62 ng/ul

RT: 15.72 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

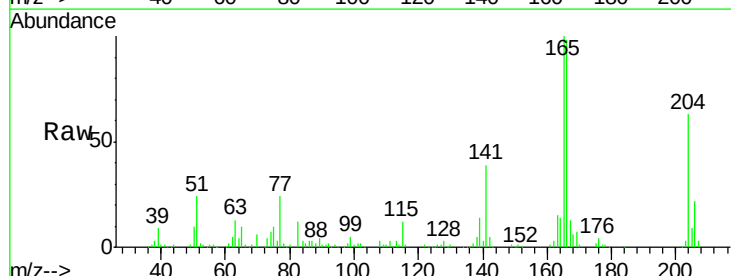
Tgt Ion:204 Resp: 71339

Ion Ratio Lower Upper

204 100

206 34.3 26.4 39.6

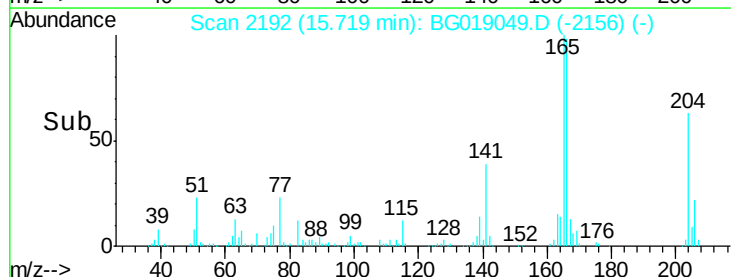
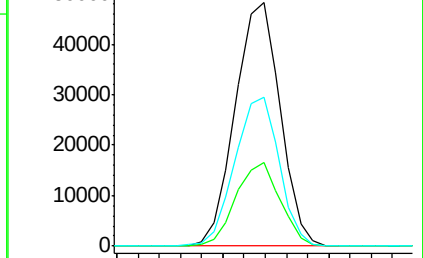
141 61.1 44.4 66.6

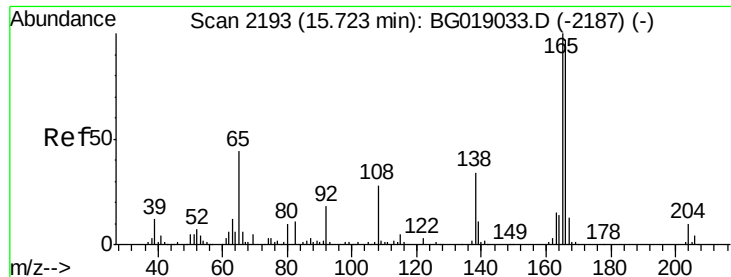


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

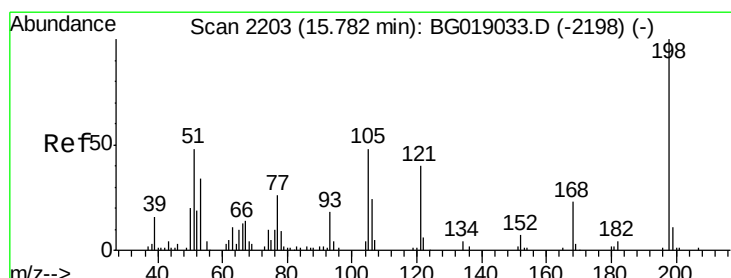
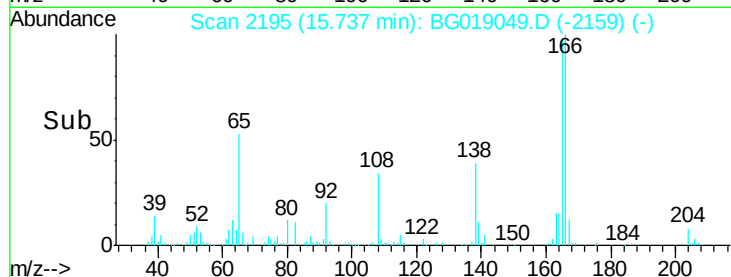
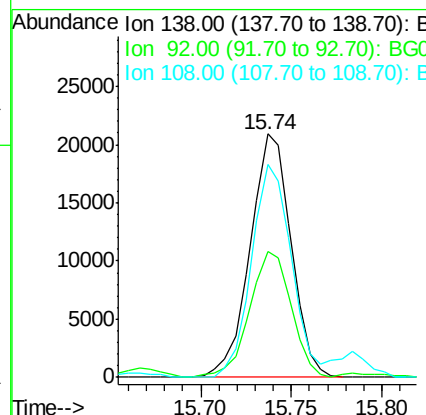
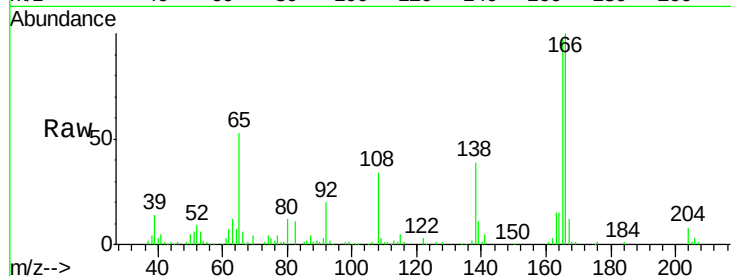




#61  
4-Nitroaniline  
Concen: 20.97 ng/ul  
RT: 15.74 min Scan# 2195  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

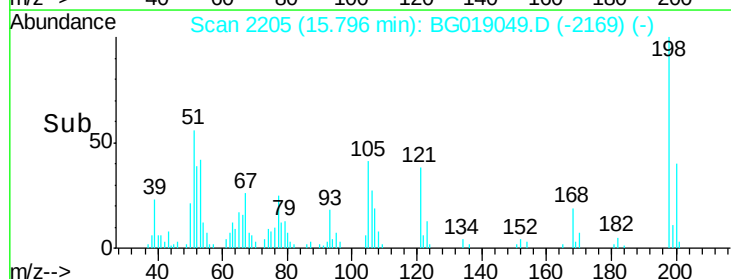
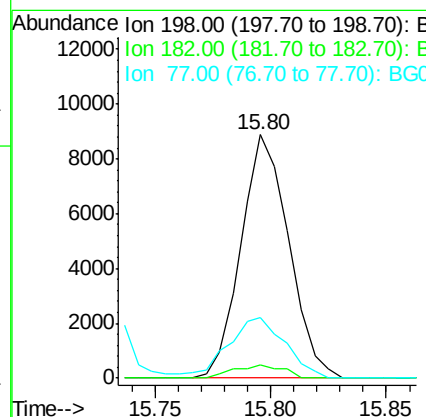
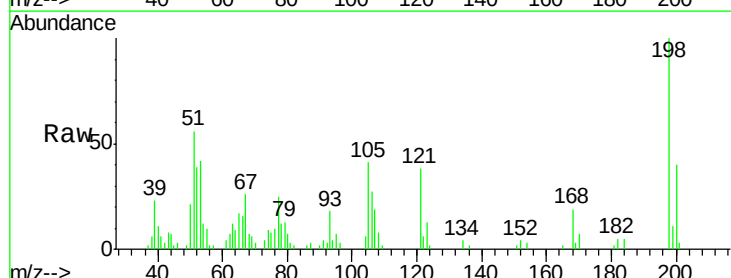
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02036

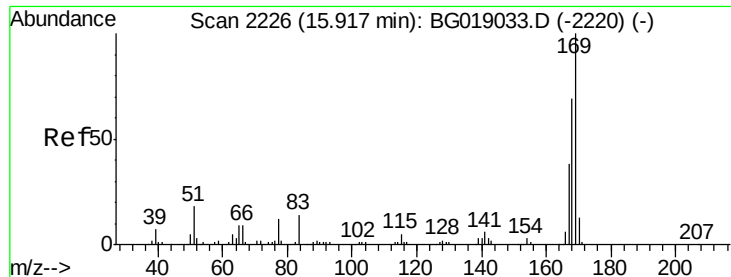
Tgt Ion:138 Resp: 32840  
Ion Ratio Lower Upper  
138 100  
92 51.6 47.4 71.2  
108 87.5 62.8 94.2



#64  
4,6-Dinitro-2-methylphenol  
Concen: 11.37 ng/ul  
RT: 15.80 min Scan# 2205  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

Tgt Ion:198 Resp: 12796  
Ion Ratio Lower Upper  
198 100  
182 5.5 4.3 6.5  
77 24.9 20.2 30.2





#65

N-Nitrosodiphenylamine

Concen: 20.59 ng/ul

RT: 15.93 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

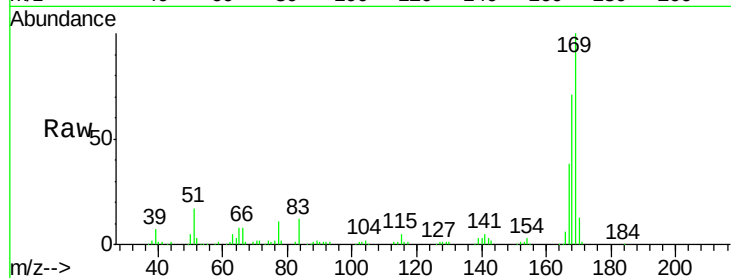
Tgt Ion:169 Resp: 117651

Ion Ratio Lower Upper

169 100

168 71.4 58.2 87.4

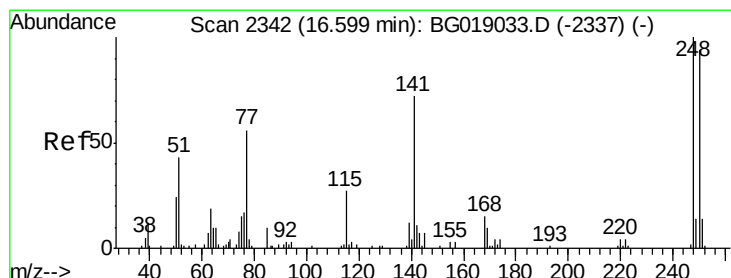
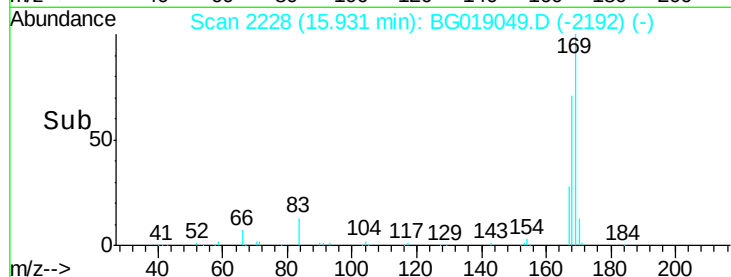
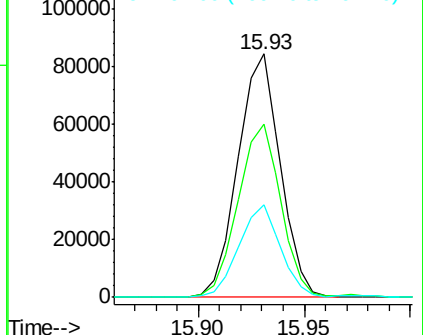
167 38.1 30.9 46.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 21.49 ng/ul

RT: 16.61 min Scan# 2344

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

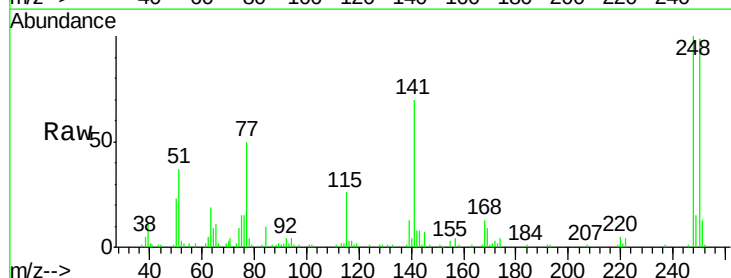
Tgt Ion:248 Resp: 46071

Ion Ratio Lower Upper

248 100

250 98.8 79.1 118.7

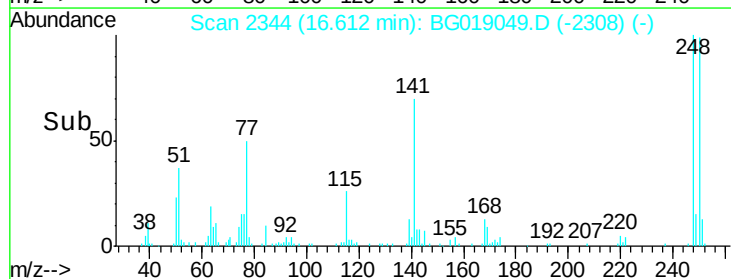
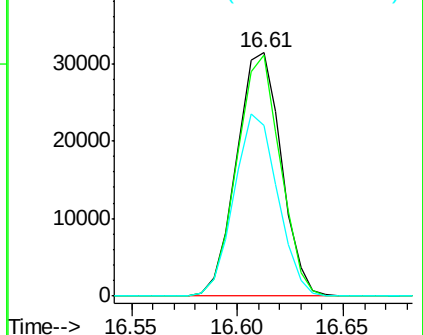
141 70.0 55.1 82.7

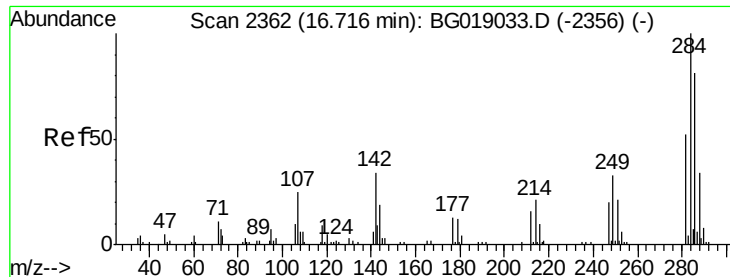


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 20.64 ng/ul

RT: 16.73 min Scan# 2364

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

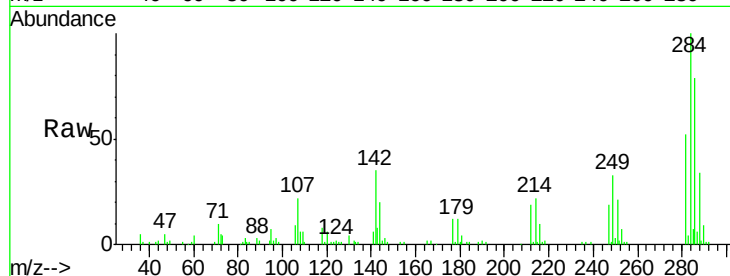
Tgt Ion:284 Resp: 50330

Ion Ratio Lower Upper

284 100

142 34.8 25.4 38.0

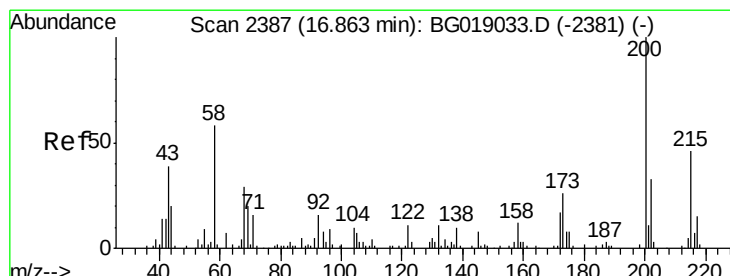
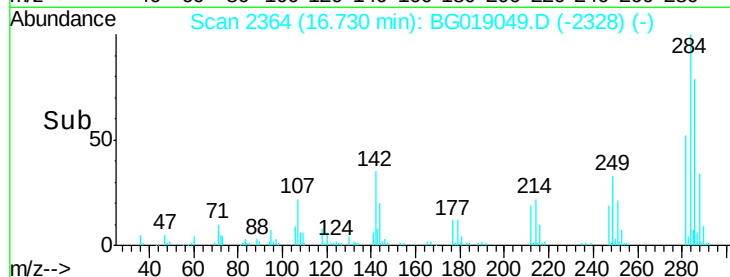
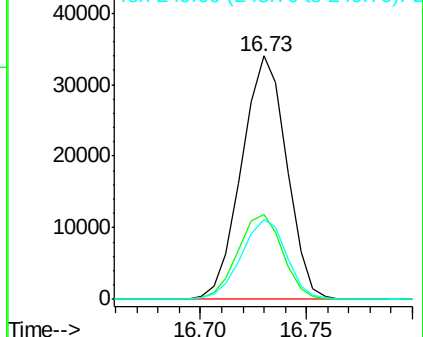
249 32.7 25.6 38.4



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 21.07 ng/ul

RT: 16.88 min Scan# 2389

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

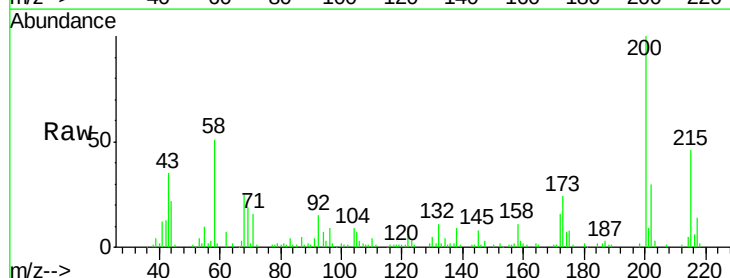
Tgt Ion:200 Resp: 49944

Ion Ratio Lower Upper

200 100

173 23.5 18.5 27.7

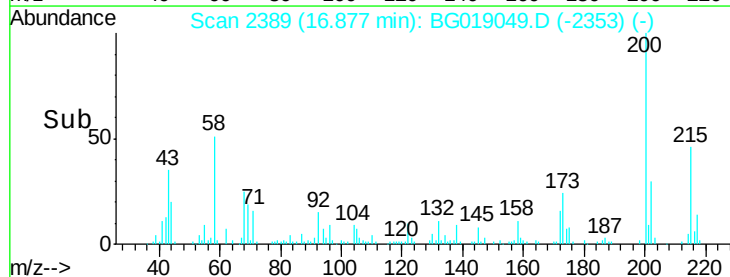
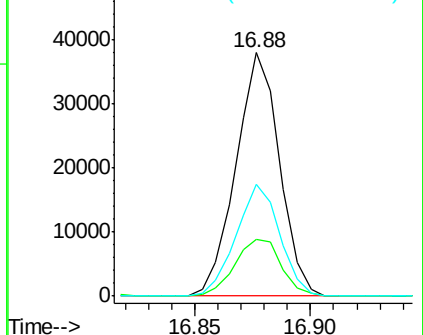
215 45.8 35.9 53.9

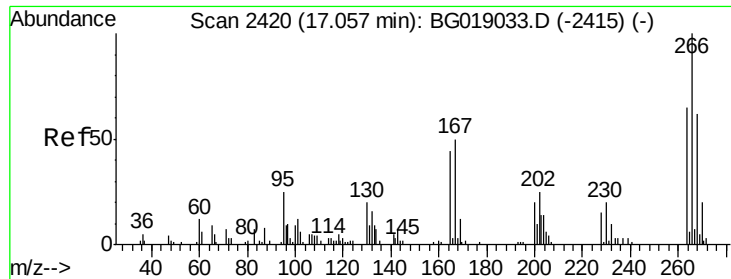


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

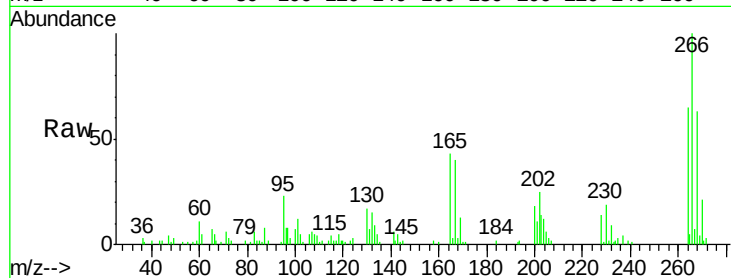




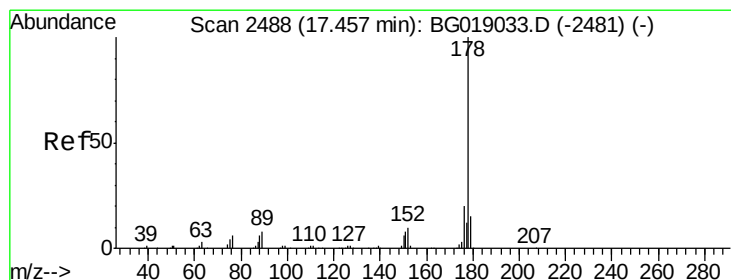
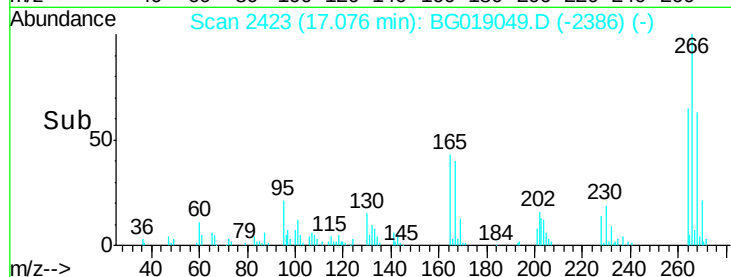
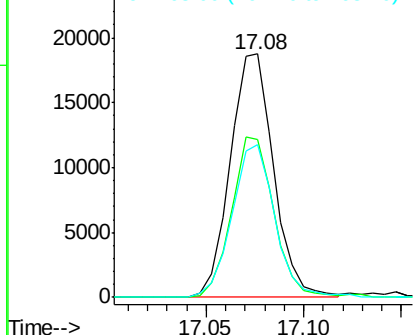
#69  
 Pentachlorophenol  
 Concen: 18.82 ng/ul  
 RT: 17.08 min Scan# 2423  
 Delta R.T. 0.02 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 64.7  | 49.0  | 73.6  |
| 268     | 62.9  | 55.6  | 83.4  |

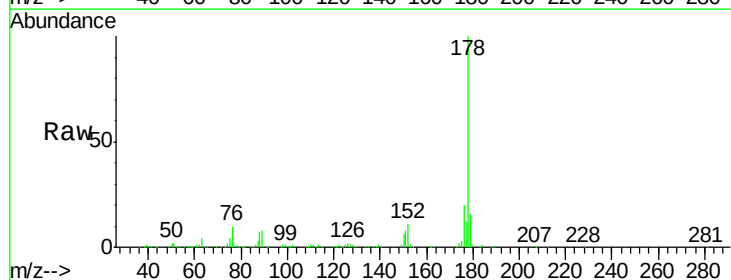


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

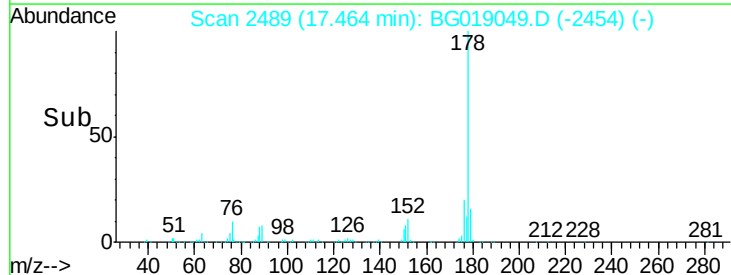
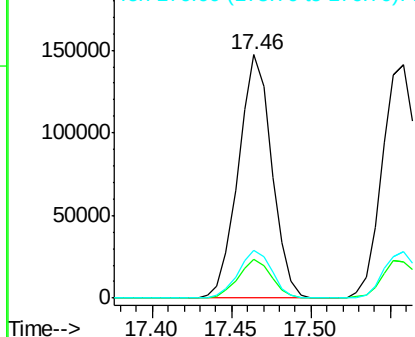


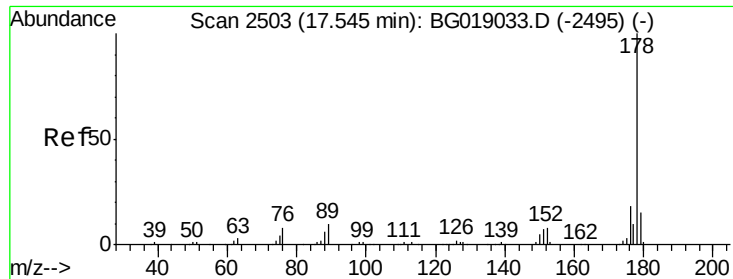
#70  
 Phenanthrene  
 Concen: 19.49 ng/ul  
 RT: 17.46 min Scan# 2489  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 16.1  | 12.5  | 18.7  |
| 176     | 19.7  | 15.4  | 23.0  |



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

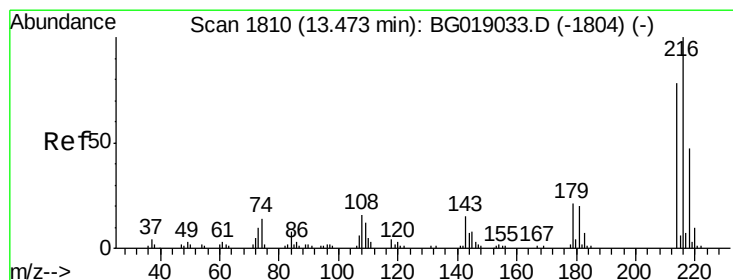
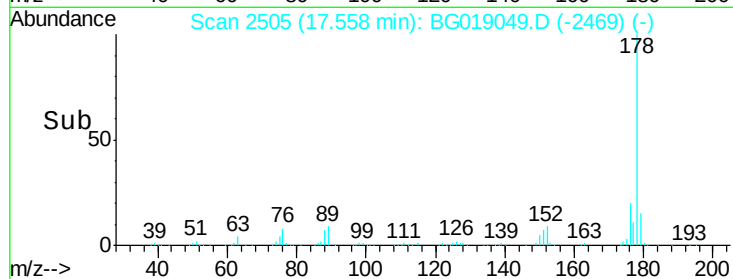
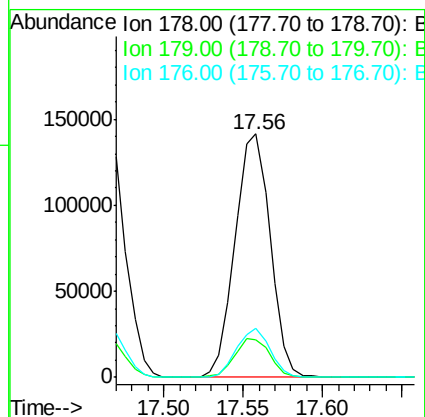
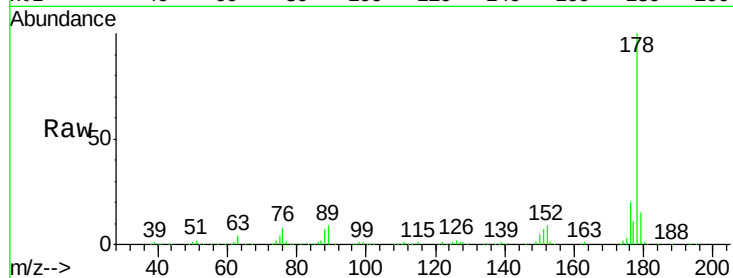




#72  
 Anthracene  
 Concen: 19.53 ng/uL  
 RT: 17.56 min Scan# 2505  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

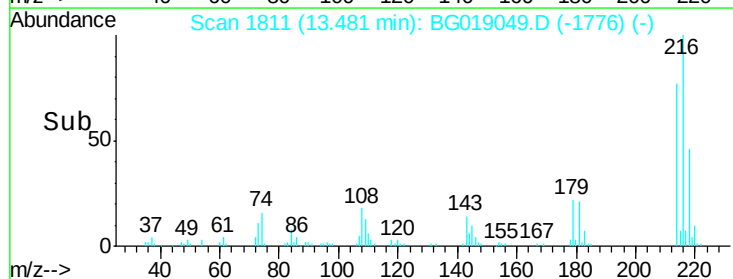
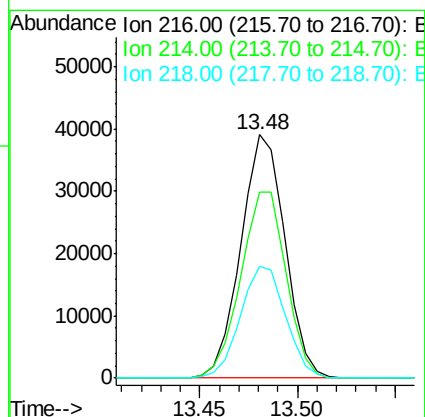
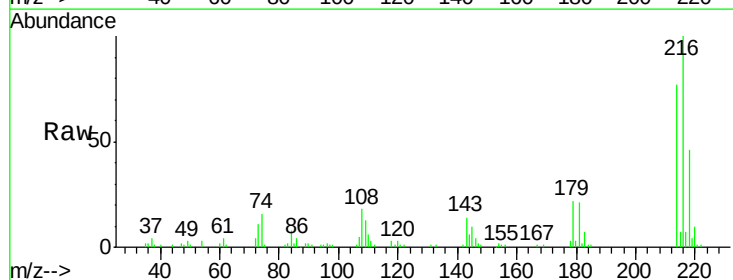
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

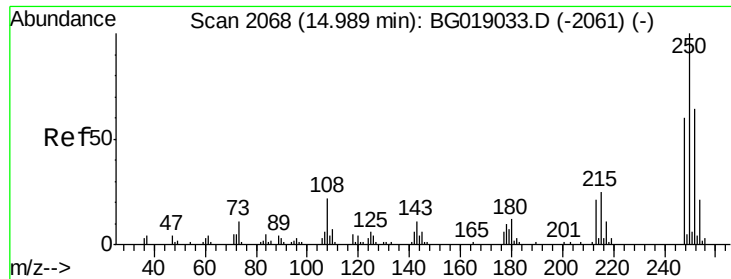
Tgt Ion:178 Resp: 217869  
 Ion Ratio Lower Upper  
 178 100  
 179 15.3 12.2 18.4  
 176 20.1 15.0 22.6



#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 23.14 ng/uL  
 RT: 13.48 min Scan# 1811  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Tgt Ion:216 Resp: 61308  
 Ion Ratio Lower Upper  
 216 100  
 214 76.6 64.5 96.7  
 218 45.7 40.4 60.6

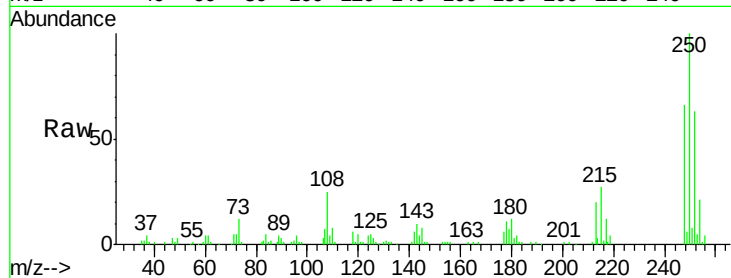




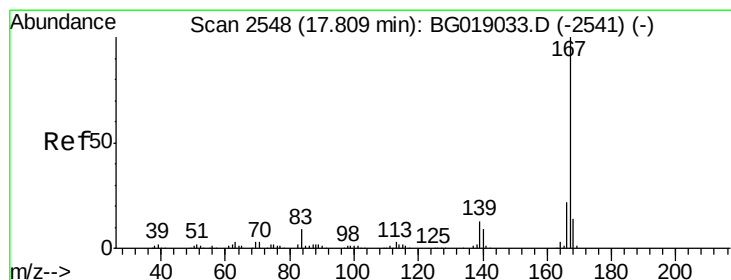
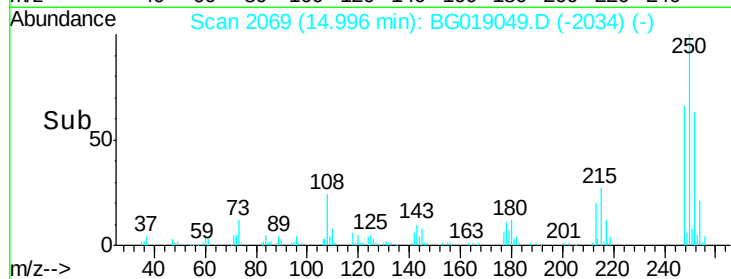
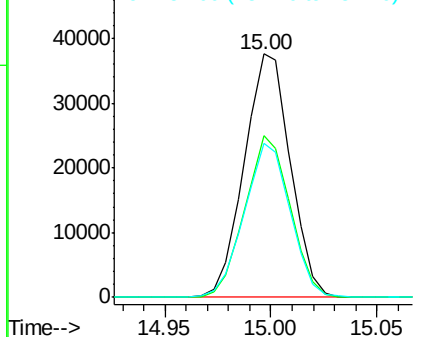
#74  
 Pentachlorobenzene  
 Concen: 22.08 ng/uL  
 RT: 15.00 min Scan# 2069  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

Tgt Ion:250 Resp: 57003  
 Ion Ratio Lower Upper  
 250 100  
 248 66.2 47.4 71.2  
 252 63.2 50.2 75.4

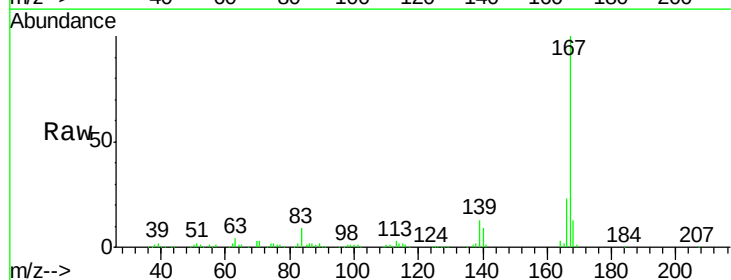


Abundance Ion 250.00 (249.70 to 250.70): E  
 Ion 248.00 (247.70 to 248.70): E  
 Ion 252.00 (251.70 to 252.70): E

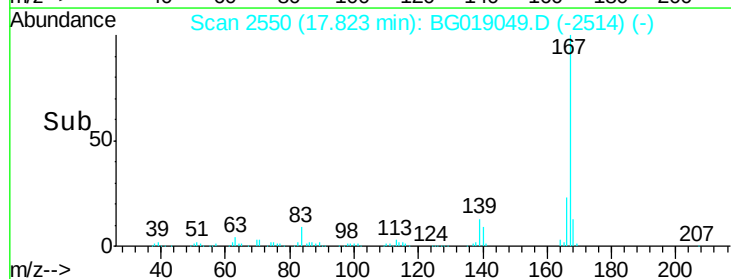
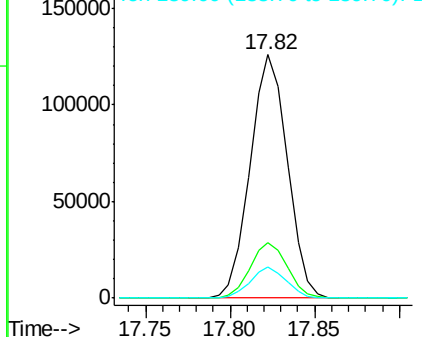


#75  
 Carbazole  
 Concen: 20.03 ng/uL  
 RT: 17.82 min Scan# 2550  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

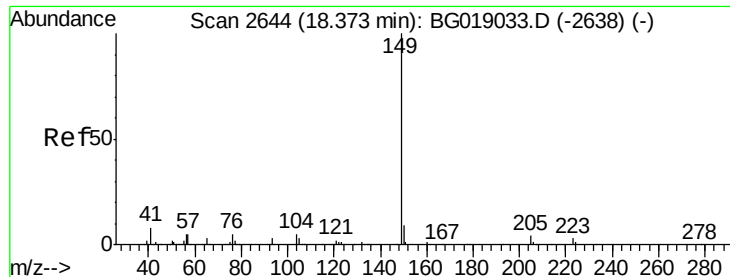
Tgt Ion:167 Resp: 192810  
 Ion Ratio Lower Upper  
 167 100  
 166 22.7 18.6 27.8  
 139 12.7 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E



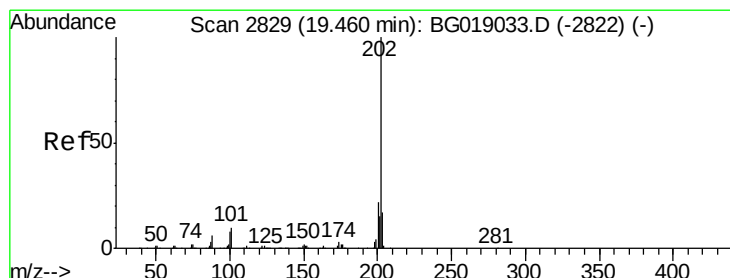
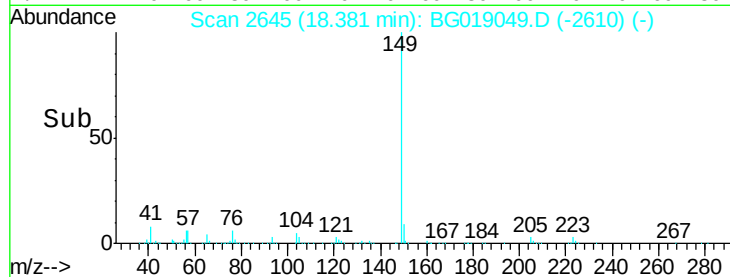
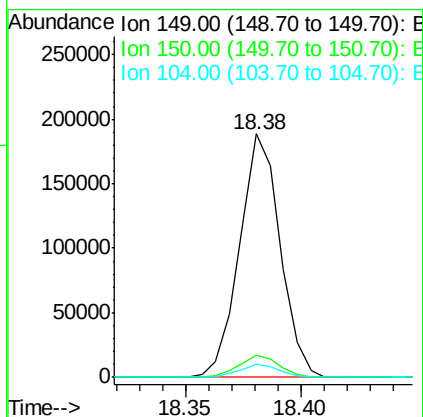
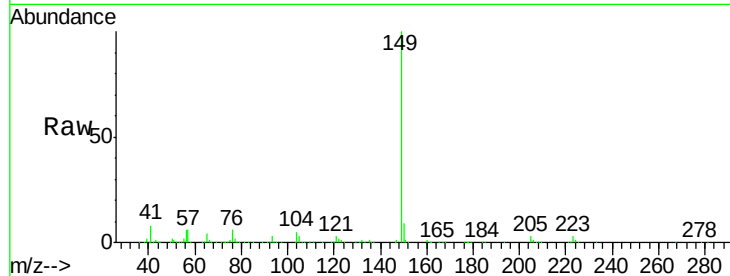




#76  
Di-n-butylphthalate  
Concen: 18.77 ng/ul  
RT: 18.38 min Scan# 2645  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

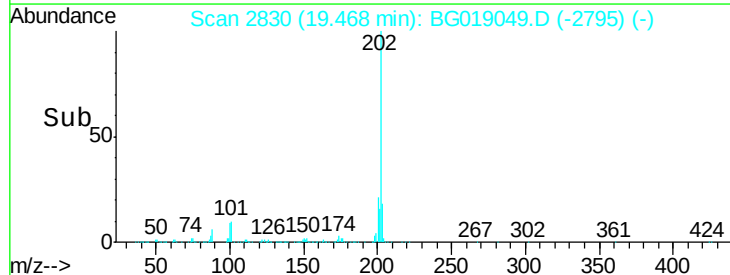
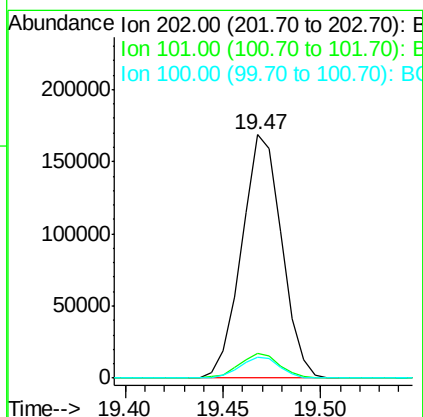
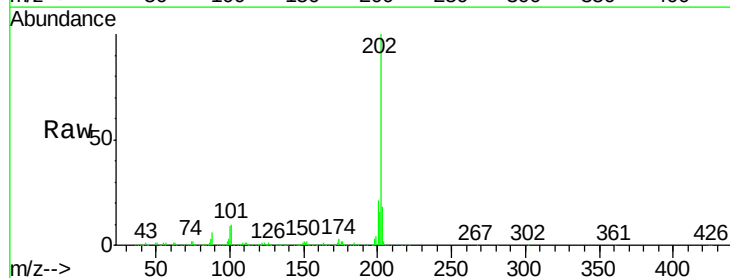
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02036

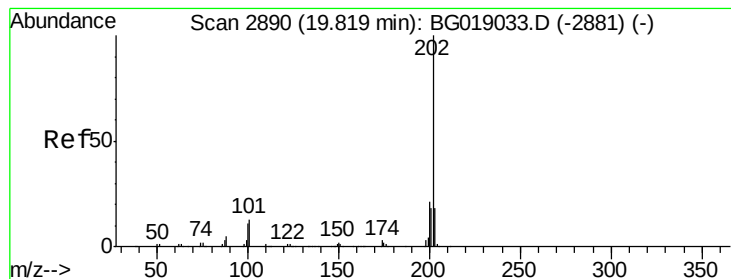
Tgt Ion:149 Resp: 230958  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.1 10.7  
104 5.4 3.9 5.9



#77  
Fluoranthene  
Concen: 18.54 ng/ul  
RT: 19.47 min Scan# 2830  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

Tgt Ion:202 Resp: 238948  
Ion Ratio Lower Upper  
202 100  
101 10.3 9.0 13.4  
100 8.8 6.9 10.3





#80

Pyrene

Concen: 20.30 ng/ul

RT: 19.83 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

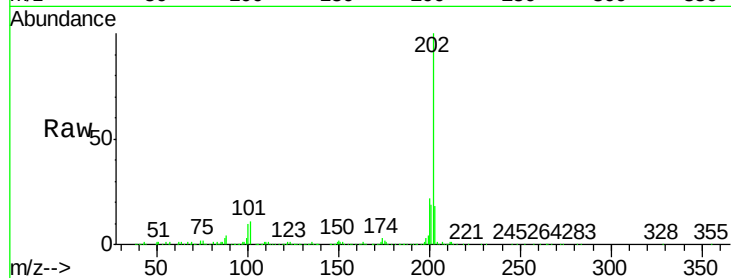
Tgt Ion:202 Resp: 243745

Ion Ratio Lower Upper

202 100

101 11.4 10.2 15.2

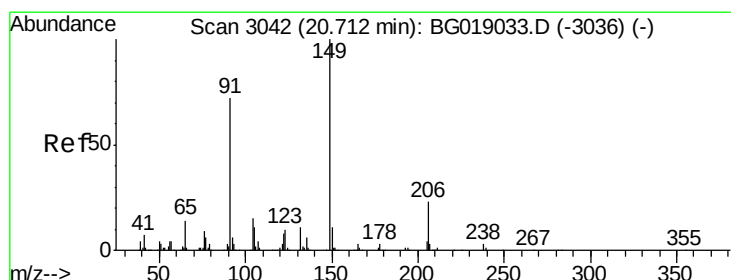
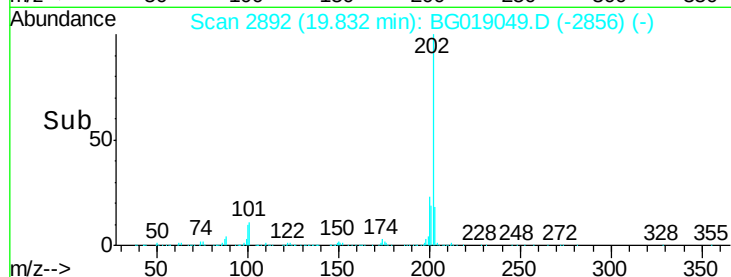
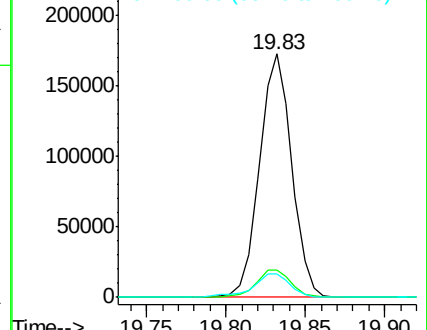
100 9.7 8.5 12.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 21.58 ng/ul

RT: 20.72 min Scan# 3043

Delta R.T. 0.01 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

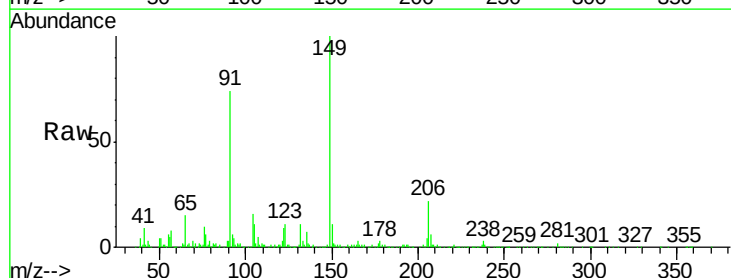
Tgt Ion:149 Resp: 98254

Ion Ratio Lower Upper

149 100

91 74.1 59.1 88.7

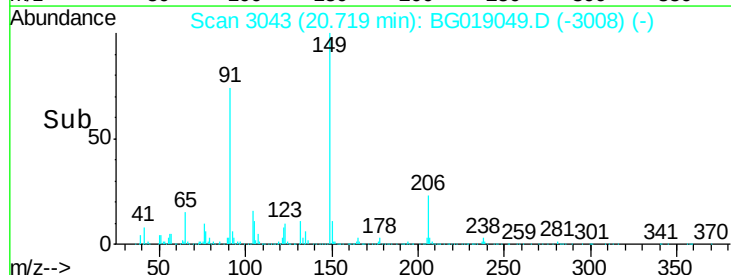
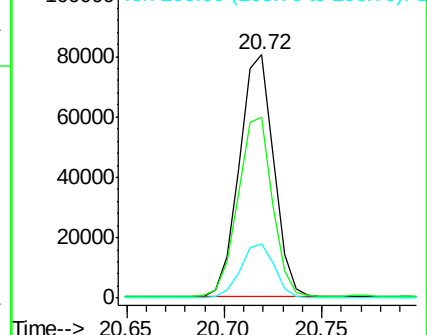
206 22.4 17.9 26.9

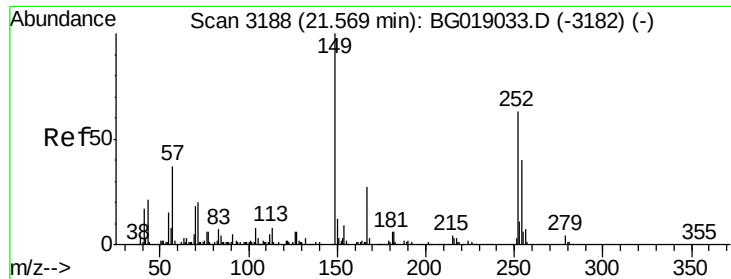


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

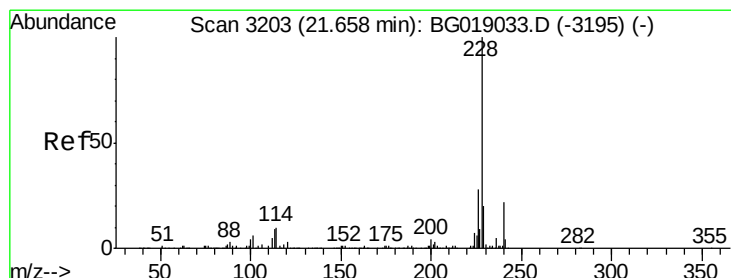
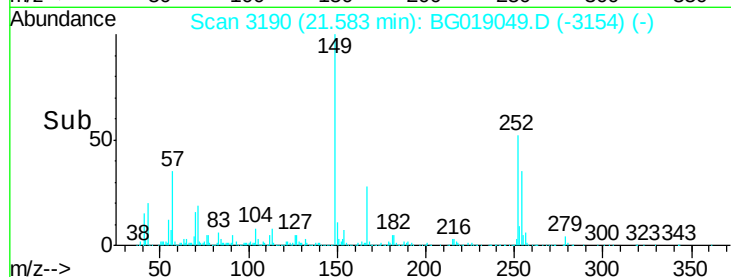
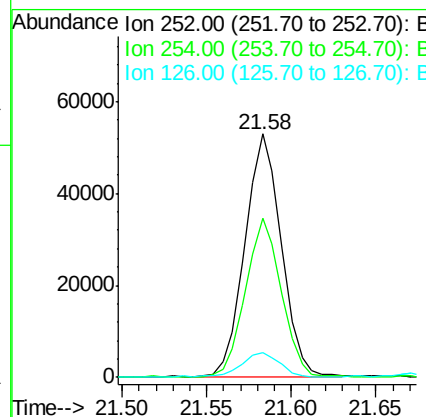
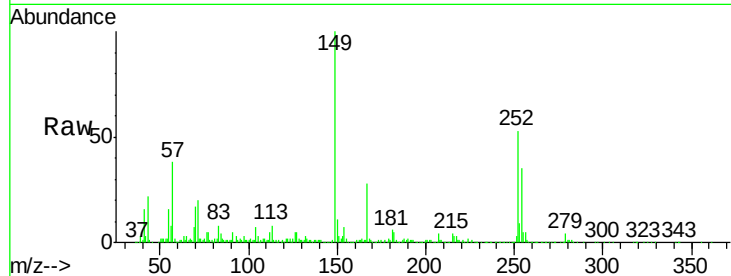




#82  
 3,3'-Dichlorobenzidine  
 Concen: 21.60 ng/ul  
 RT: 21.58 min Scan# 3190  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

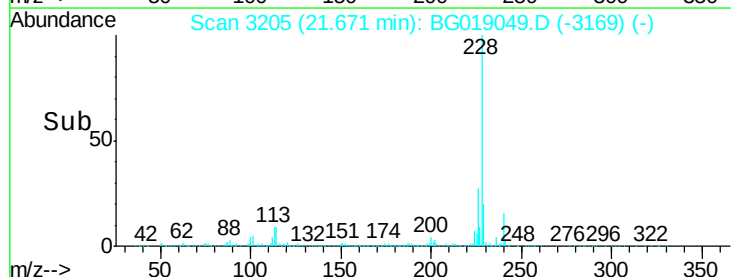
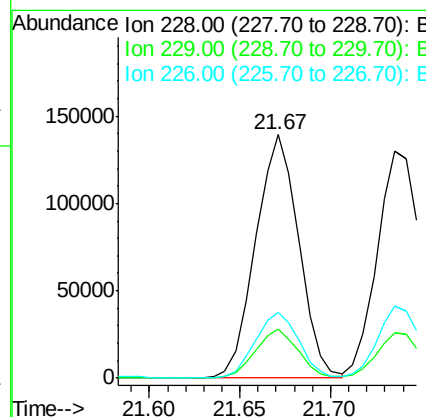
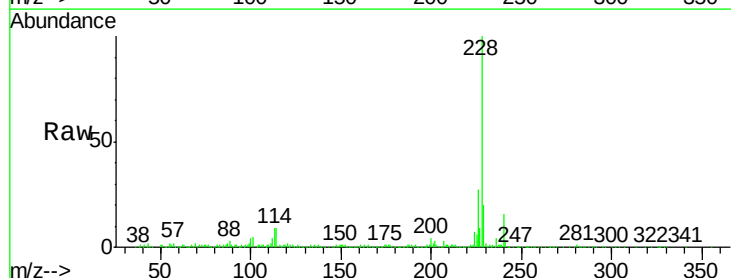
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

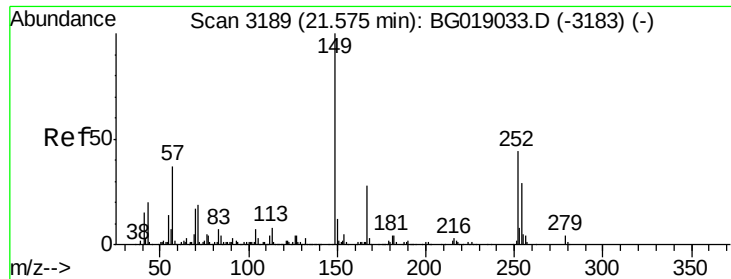
Tgt Ion:252 Resp: 79749  
 Ion Ratio Lower Upper  
 252 100  
 254 65.2 51.4 77.0  
 126 10.1 7.9 11.9



#83  
 Benzo(a)anthracene  
 Concen: 20.00 ng/ul  
 RT: 21.67 min Scan# 3205  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Tgt Ion:228 Resp: 230272  
 Ion Ratio Lower Upper  
 228 100  
 229 20.1 16.6 24.8  
 226 26.9 22.8 34.2

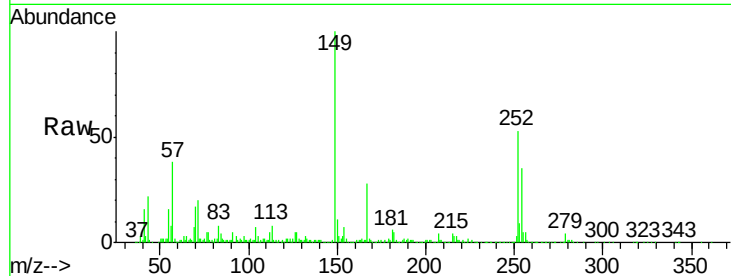




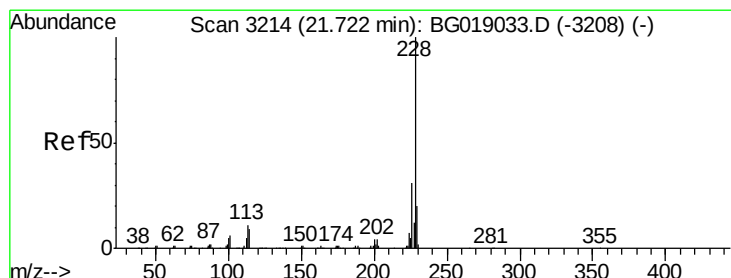
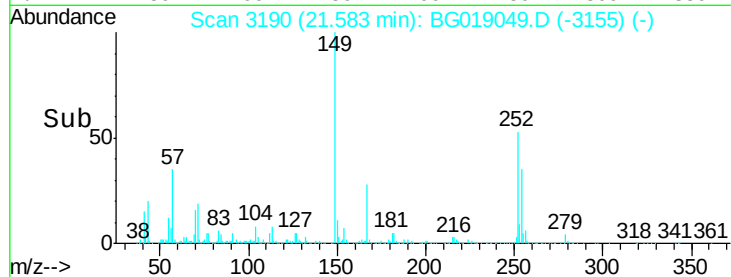
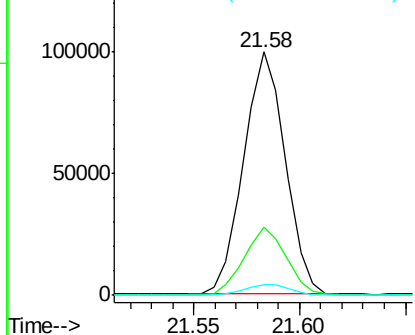
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 20.61 ng/ul  
RT: 21.58 min Scan# 3190  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02036

Tgt Ion:149 Resp: 136178  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.8 34.2  
279 4.2 3.3 4.9

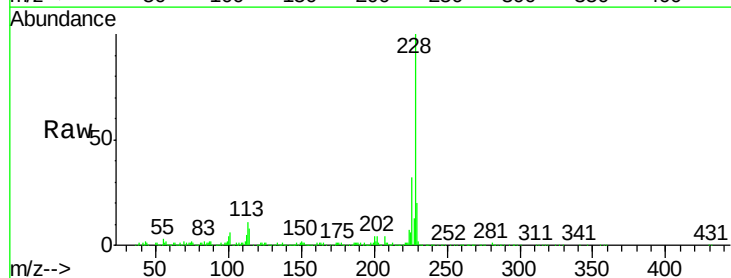


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E

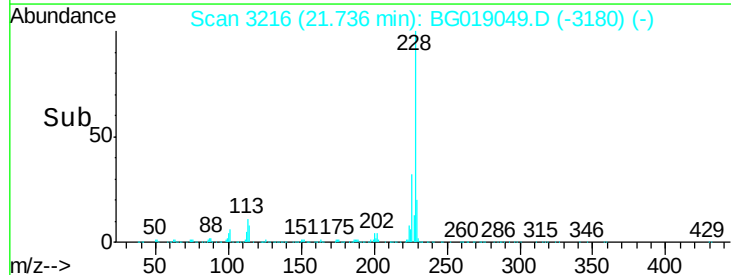
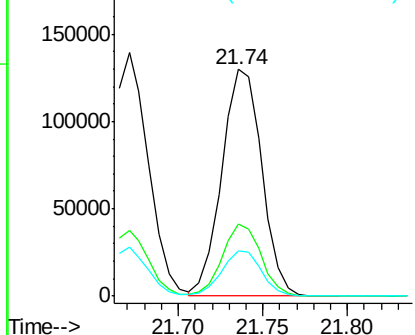


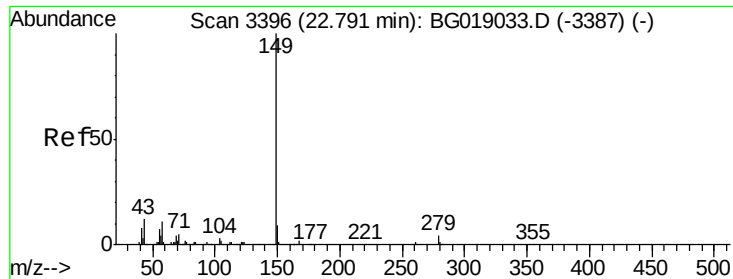
#85  
Chrysene  
Concen: 19.57 ng/ul  
RT: 21.74 min Scan# 3216  
Delta R.T. 0.01 min  
Lab File: BG019049.D  
Acq: 6 Oct 2015 5:31

Tgt Ion:228 Resp: 212581  
Ion Ratio Lower Upper  
228 100  
226 31.9 24.2 36.2  
229 19.8 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

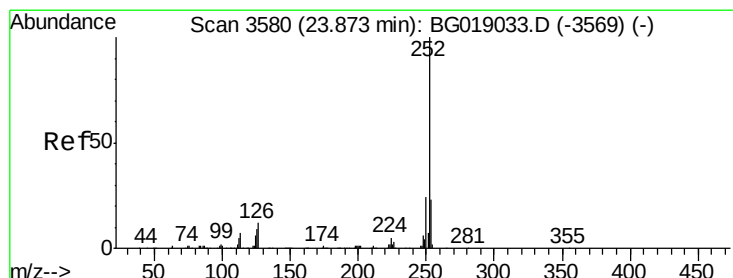
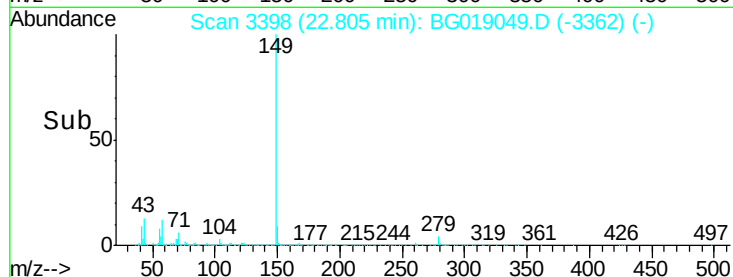
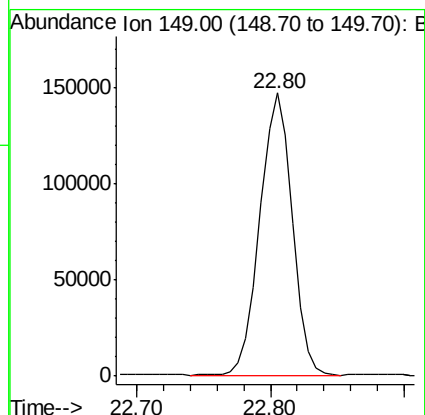
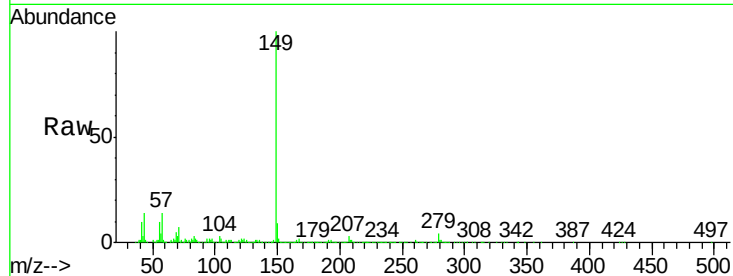




#87  
 Di-n-octyl phthalate  
 Concen: 22.29 ng/ul  
 RT: 22.80 min Scan# 3398  
 Delta R.T. 0.01 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

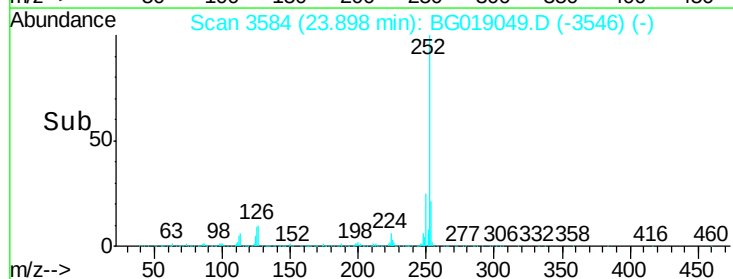
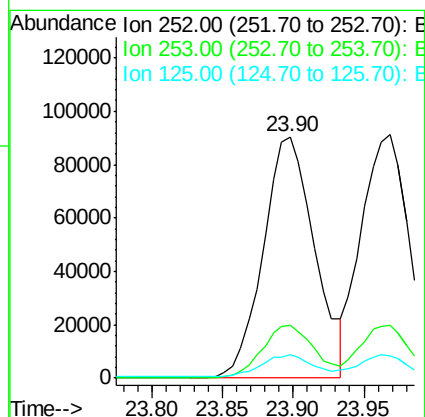
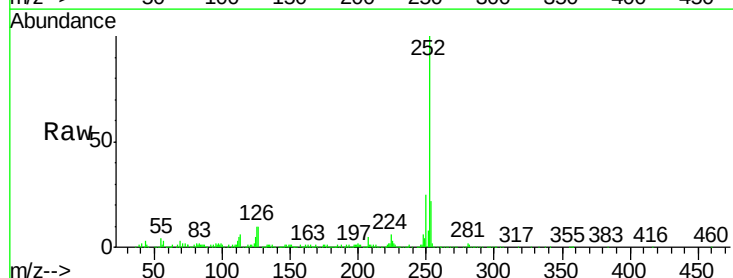
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02036

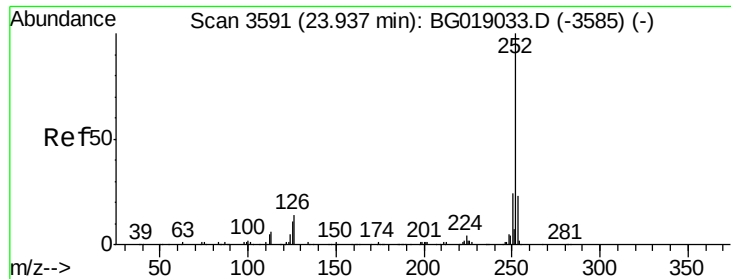
Tgt Ion:149 Resp: 244654



#88  
 Benzo(b)fluoranthene  
 Concen: 20.19 ng/ul  
 RT: 23.90 min Scan# 3584  
 Delta R.T. 0.03 min  
 Lab File: BG019049.D  
 Acq: 6 Oct 2015 5:31

Tgt Ion:252 Resp: 230029  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.4 26.2  
 125 9.7 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 19.46 ng/ul

RT: 23.97 min Scan# 3596

Delta R.T. 0.03 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

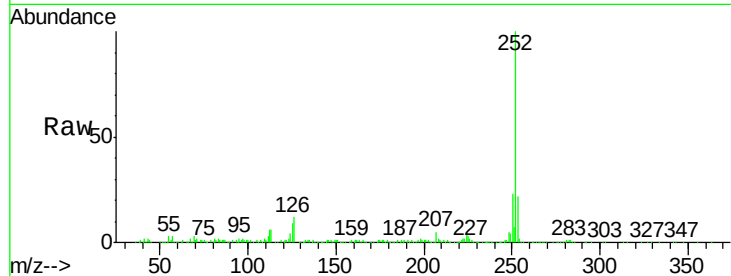
Tgt Ion:252 Resp: 215914

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

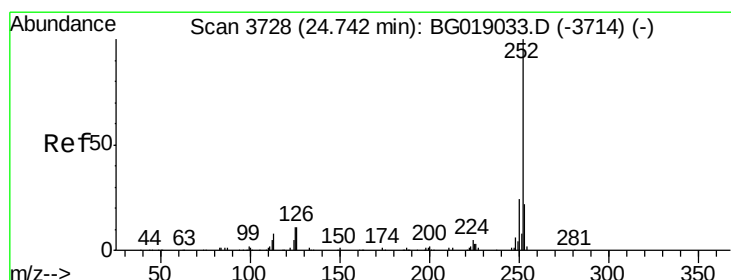
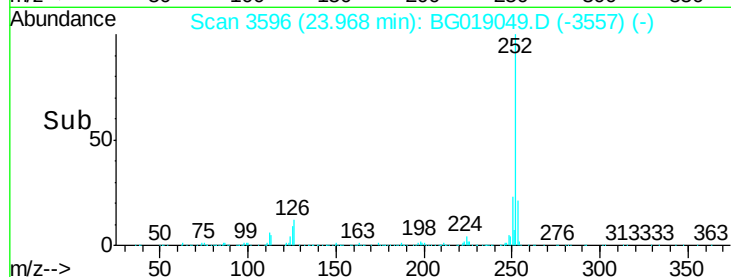
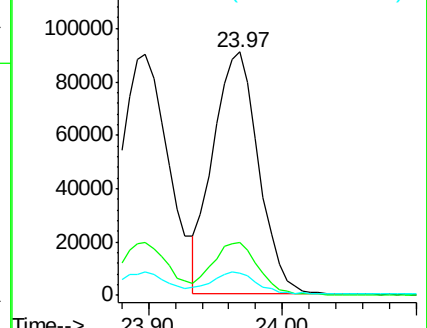
125 9.3 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 19.69 ng/ul

RT: 24.77 min Scan# 3733

Delta R.T. 0.03 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

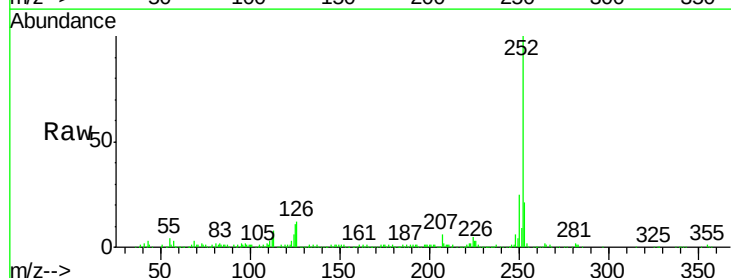
Tgt Ion:252 Resp: 217158

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

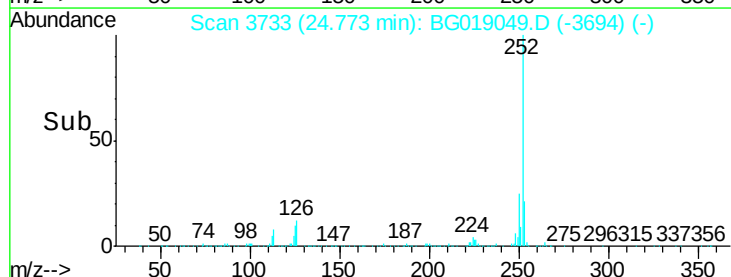
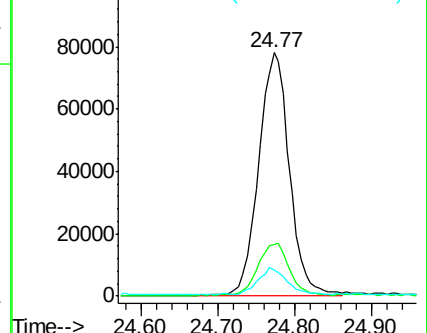
125 10.7 9.4 14.2

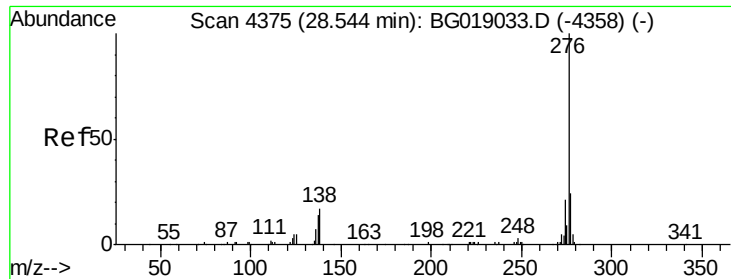


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 13.44 ng/ul

RT: 28.61 min Scan# 4386

Delta R.T. 0.07 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036

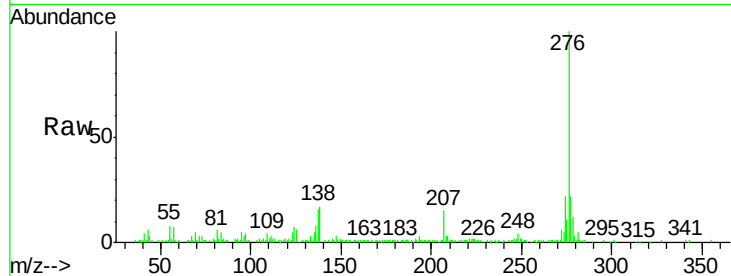
Tgt Ion:276 Resp: 169881

Ion Ratio Lower Upper

276 100

138 17.4 14.9 22.3

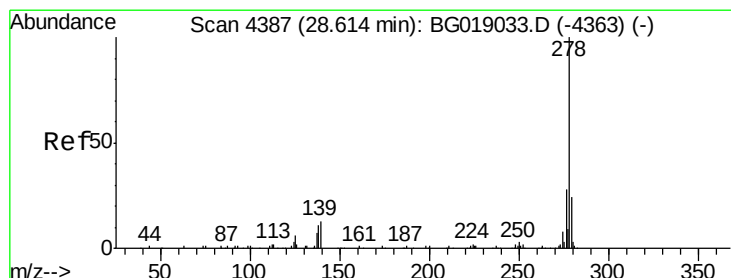
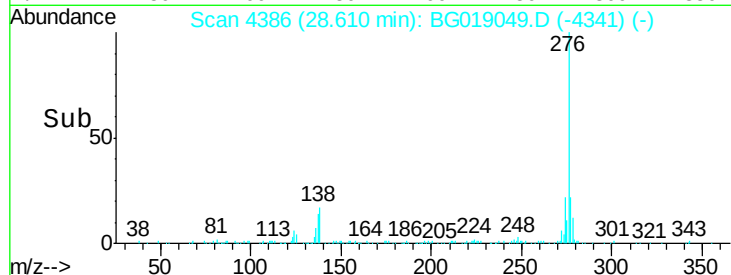
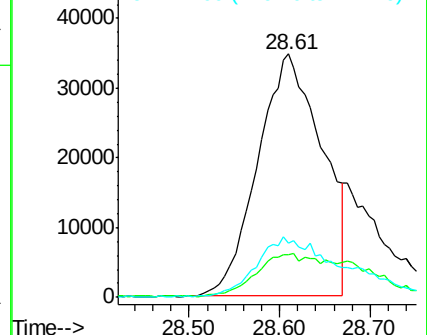
277 22.3 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 17.06 ng/ul

RT: 28.68 min Scan# 4398

Delta R.T. 0.07 min

Lab File: BG019049.D

Acq: 6 Oct 2015 5:31

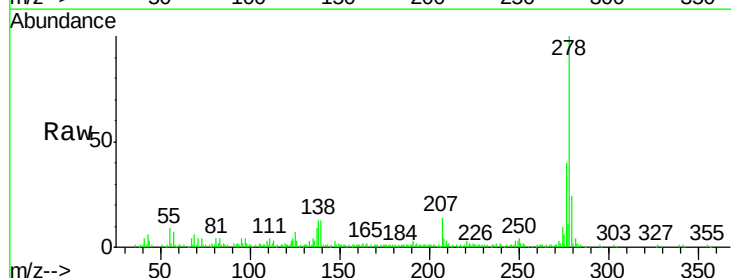
Tgt Ion:278 Resp: 186417

Ion Ratio Lower Upper

278 100

139 13.0 11.2 16.8

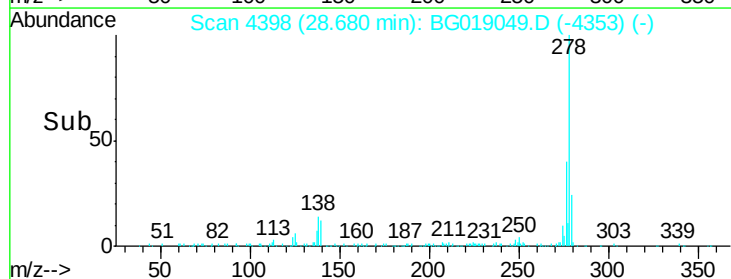
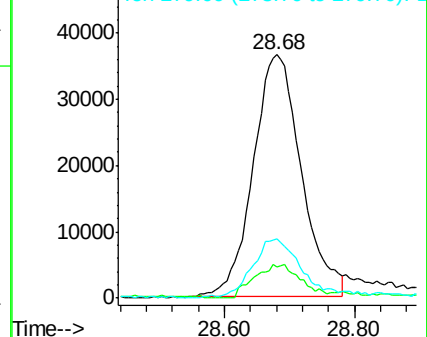
279 24.2 17.6 26.4

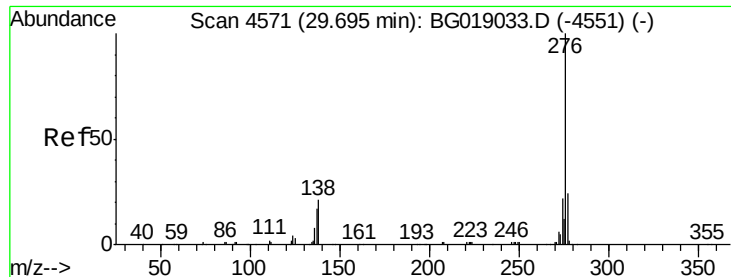


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 14.67 ng/ul

RT: 29.76 min Scan# 4581

Delta R.T. 0.06 min

Lab File: BG019049.D

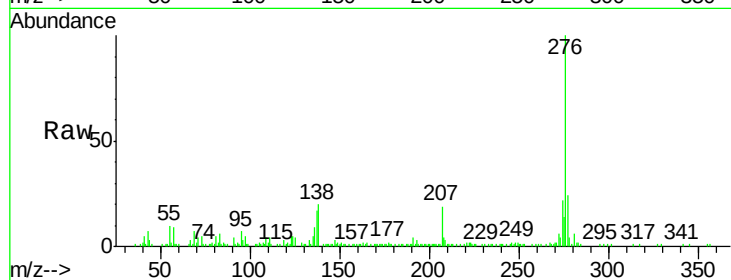
Acq: 6 Oct 2015 5:31

Instrument :

BNA\_G

ClientSampleId :

SSTD02036



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 154437 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 20.5  | 16.3  | 24.5   |
| 277      | 23.8  | 18.7  | 28.1   |

