

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082917\  
 Data File : BG028546.D  
 Acq On : 29 Aug 2017 22:55  
 Operator : SJ/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02093

Quant Time: Aug 30 01:27:38 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 30 01:19:11 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.34  | 152  | 34687    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.16 | 136  | 144379   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.95 | 164  | 99869    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.70 | 188  | 264542   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.04 | 240  | 309523   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.55 | 264  | 304537   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.82  | 96  | 5969   | 8.01  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.50  | 99  | 66194  | 17.38 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.66  | 67  | 41107  | 17.04 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.88  | 132 | 48507  | 20.18 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.04  | 113 | 54613  | 17.15 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.51  | 128 | 24686  | 21.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.24 | 143 | 28684  | 23.17 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.78 | 165 | 54747  | 21.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.29 | 131 | 63896  | 22.41 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.34 | 166 | 180984 | 20.37 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.65 | 160 | 206736 | 20.64 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.15 | 143 | 27822  | 19.70 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.94 | 176 | 162877 | 20.44 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 34344  | 19.98 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.80 | 188 | 267078 | 21.05 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.08 | 212 | 305743 | 19.26 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.30 | 264 | 289757 | 20.32 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        | Ovalue |           |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.86  | 88  | 7737   | 9.889  | ng/uL# 84 |
| 4) Benzaldehyde                | 7.48  | 77  | 46111  | 20.945 | ng/ul 98  |
| 6) Phenol                      | 7.53  | 94  | 65281  | 17.243 | ng/ul 91  |
| 8) Bis(2-Chloroethyl)ether     | 7.75  | 93  | 46393  | 17.988 | ng/ul 87  |
| 10) 2-Chlorophenol             | 7.91  | 128 | 47195  | 20.152 | ng/ul# 85 |
| 11) 2-Methylphenol             | 8.78  | 108 | 48168  | 18.024 | ng/ul 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.86  | 45  | 95914  | 15.320 | ng/ul 99  |
| 14) Acetophenone               | 9.16  | 105 | 80192  | 17.660 | ng/ul 89  |
| 15) N-Nitroso-di-n-propylamine | 9.14  | 70  | 44362  | 17.189 | ng/ul 94  |
| 16) 4-Methylphenol             | 9.11  | 108 | 51365  | 17.022 | ng/ul 98  |
| 17) Hexachloroethane           | 9.42  | 117 | 19845  | 20.449 | ng/ul 98  |
| 20) Nitrobenzene               | 9.55  | 77  | 66304  | 20.288 | ng/ul 98  |
| 21) Isophorone                 | 10.07 | 82  | 121530 | 19.573 | ng/ul 96  |
| 23) 2-Nitrophenol              | 10.27 | 139 | 28208  | 22.573 | ng/ul# 78 |
| 24) 2,4-Dimethylphenol         | 10.31 | 107 | 63477  | 20.436 | ng/ul 95  |
| 25) Bis(2-Chloroethoxy)methane | 10.55 | 93  | 65388  | 19.334 | ng/ul 97  |
| 27) 2,4-Dichlorophenol         | 10.81 | 162 | 50169  | 21.519 | ng/ul 90  |
| 28) Naphthalene                | 11.22 | 128 | 147613 | 20.643 | ng/ul 96  |
| 30) 4-Chloroaniline            | 11.32 | 127 | 60222  | 21.792 | ng/ul 92  |
| 31) Hexachlorobutadiene        | 11.48 | 225 | 40298  | 23.417 | ng/ul# 84 |
| 32) Caprolactam                | 12.07 | 113 | 19352  | 19.961 | ng/ul# 73 |
| 33) 4-Chloro-3-methylphenol    | 12.43 | 107 | 61104  | 20.533 | ng/ul 96  |
| 34) 2-Methylnaphthalene        | 12.80 | 142 | 114522 | 19.939 | ng/ul 98  |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082917\  
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 Acq On : 29 Aug 2017 22:55  
 Operator : SJ/JU  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

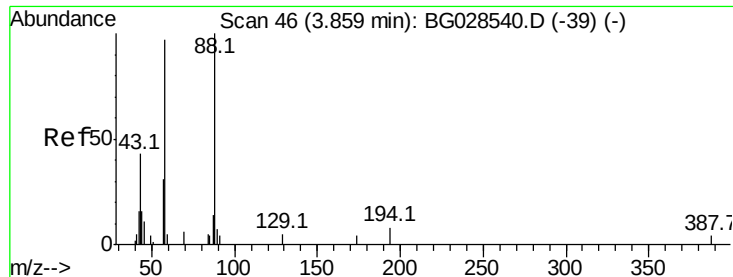
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02093

Quant Time: Aug 30 01:27:38 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 30 01:19:11 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.16 | 216  | 73005    | 22.679 | ng/ul# | 94       |
| 37) Hexachlorocyclopentadiene  | 13.13 | 237  | 21798    | 12.272 | ng/ul  | 91       |
| 38) 2,4,6-Trichlorophenol      | 13.39 | 196  | 47577    | 23.713 | ng/ul  | 95       |
| 39) 2,4,5-Trichlorophenol      | 13.48 | 196  | 50675    | 23.172 | ng/ul  | 94       |
| 40) 1,1'-Biphenyl              | 13.78 | 154  | 152457   | 20.902 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.84 | 162  | 120316   | 20.873 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 14.04 | 65   | 49031    | 20.288 | ng/ul  | 97       |
| 44) Dimethylphthalate          | 14.39 | 163  | 163599   | 20.003 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.52 | 165  | 36795    | 21.790 | ng/ul# | 87       |
| 47) Acenaphthylene             | 14.68 | 152  | 193988   | 20.269 | ng/ul  | 96       |
| 48) 3-Nitroaniline             | 14.85 | 138  | 32658    | 21.478 | ng/ul# | 96       |
| 49) Acenaphthene               | 15.02 | 153  | 132470   | 20.514 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 15.08 | 184  | 13595    | 14.289 | ng/ul  | 89       |
| 52) 4-Nitrophenol              | 15.17 | 109  | 28477    | 19.460 | ng/ul  | 88       |
| 53) Dibenzofuran               | 15.35 | 168  | 195399   | 20.754 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 15.32 | 165  | 53240    | 20.804 | ng/ul# | 89       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.57 | 232  | 47046    | 23.099 | ng/ul# | 96       |
| 56) Diethylphthalate           | 15.74 | 149  | 185409   | 19.324 | ng/ul  | 100      |
| 58) Fluorene                   | 16.00 | 166  | 169988   | 20.393 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.98 | 204  | 91371    | 20.431 | ng/ul# | 85       |
| 60) 4-Nitroaniline             | 16.02 | 138  | 37941    | 21.032 | ng/ul  | 89       |
| 63) 4,6-Dinitro-2-methylphenol | 16.09 | 198  | 33945    | 19.480 | ng/ul# | 92       |
| 64) N-Nitrosodiphenylamine     | 16.19 | 169  | 141663   | 20.355 | ng/ul  | 95       |
| 65) 4-Bromophenyl-phenylether  | 16.87 | 248  | 62606    | 22.019 | ng/ul  | 93       |
| 66) Hexachlorobenzene          | 17.01 | 284  | 69893    | 23.091 | ng/ul  | 95       |
| 67) Atrazine                   | 17.13 | 200  | 67047    | 22.096 | ng/ul  | 95       |
| 68) Pentachlorophenol          | 17.35 | 266  | 28045    | 18.292 | ng/ul  | 94       |
| 69) Phenanthrene               | 17.75 | 178  | 274958   | 20.653 | ng/ul  | 98       |
| 71) Anthracene                 | 17.84 | 178  | 286142   | 21.030 | ng/ul  | 99       |
| 72) Carbazole                  | 18.11 | 167  | 249966   | 21.124 | ng/ul  | 97       |
| 73) Di-n-butylphthalate        | 18.63 | 149  | 316984   | 21.518 | ng/ul# | 97       |
| 74) Fluoranthene               | 19.75 | 202  | 342565   | 21.173 | ng/ul  | 99       |
| 77) Pyrene                     | 20.11 | 202  | 356891   | 19.327 | ng/ul  | 97       |
| 78) Butylbenzylphthalate       | 20.97 | 149  | 142171   | 20.551 | ng/ul  | 87       |
| 79) 3,3'-Dichlorobenzidine     | 21.91 | 252  | 138086   | 23.124 | ng/ul  | 93       |
| 80) Benzo(a)anthracene         | 22.01 | 228  | 365460   | 20.435 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.87 | 149  | 198048   | 20.130 | ng/ul  | 99       |
| 82) Chrysene                   | 22.08 | 228  | 333489   | 20.705 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 23.17 | 149  | 343390   | 18.816 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 24.43 | 252  | 357000   | 19.590 | ng/ul  | 99       |
| 86) Benzo(k)fluoranthene       | 24.50 | 252  | 355592   | 19.976 | ng/ul  | 99       |
| 88) Benzo(a)pyrene             | 25.38 | 252  | 351537   | 19.923 | ng/ul  | 99       |
| 89) Indeno(1,2,3-cd)pyrene     | 29.59 | 276  | 428355   | 20.731 | ng/ul  | 96       |
| 90) Dibenzo(a,h)anthracene     | 29.65 | 278  | 359386   | 20.751 | ng/ul# | 98       |
| 91) Benzo(g,h,i)perylene       | 30.86 | 276  | 351966   | 20.705 | ng/ul  | 98       |

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





#2

1,4-Dioxane

Concen: 9.889 ng/uL

RT: 3.86 min Scan# 46

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

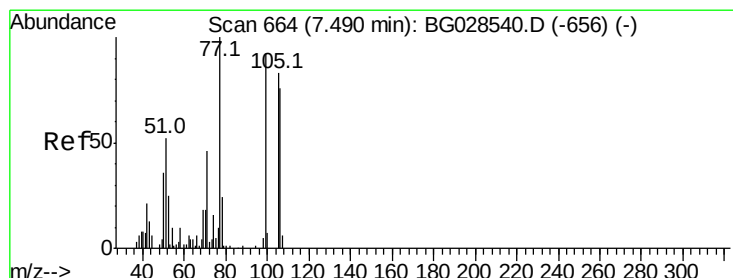
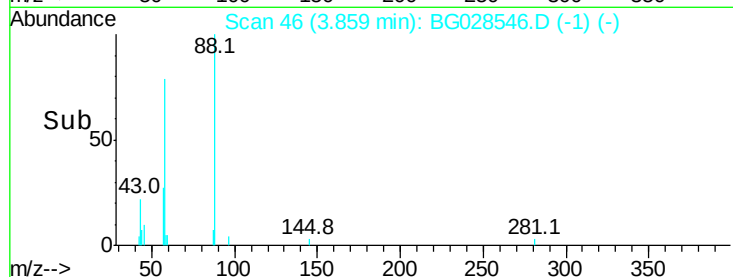
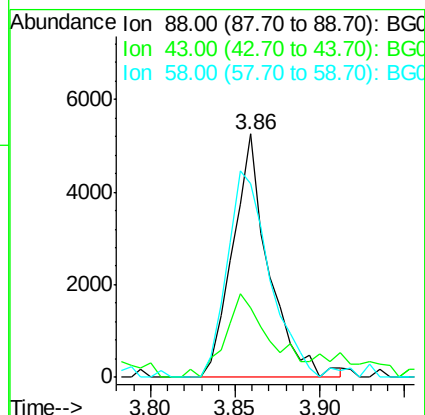
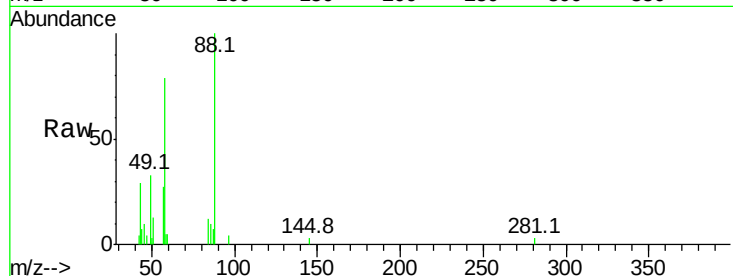
Tot Ion: 88 Resp: 7737

Ion Ratio Lower Upper

88 100

43 28.7 39.2 58.8#

58 79.4 69.4 104.0



#4

Benzaldehyde

Concen: 20.945 ng/uL

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

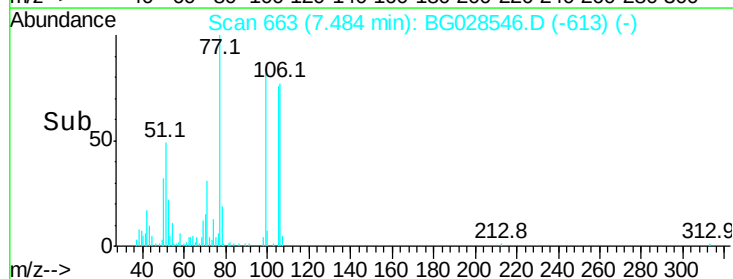
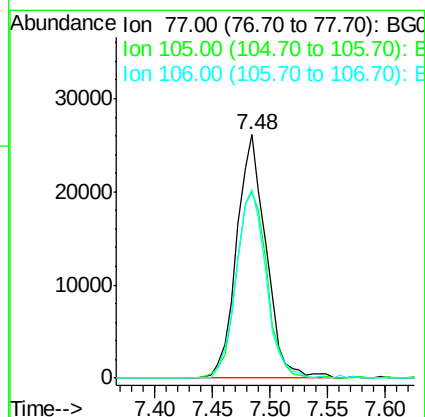
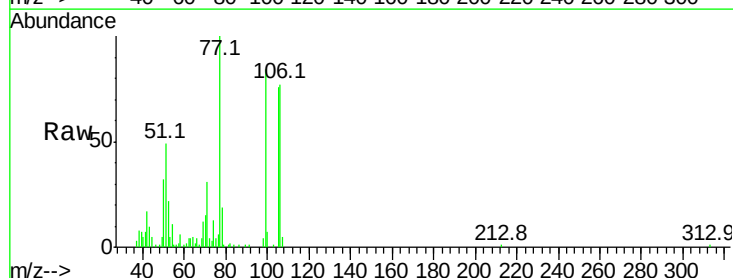
Tgt Ion: 77 Resp: 46111

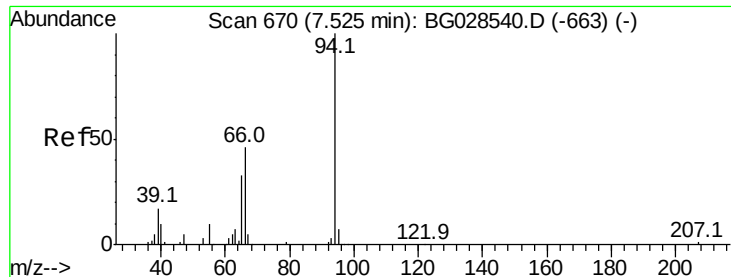
Ion Ratio Lower Upper

77 100

105 76.4 62.0 93.0

106 77.2 60.2 90.4





#6

Phenol

Concen: 17.243 ng/ul

RT: 7.53 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

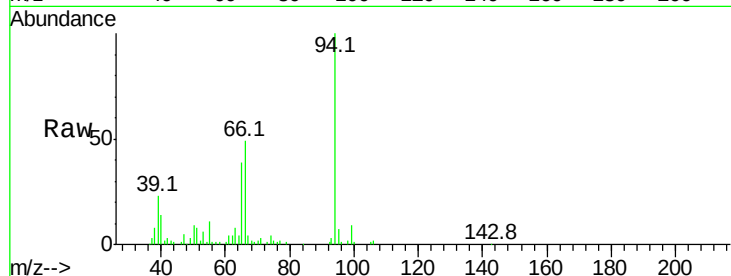
Tot Ion: 94 Resp: 65281

Ion Ratio Lower Upper

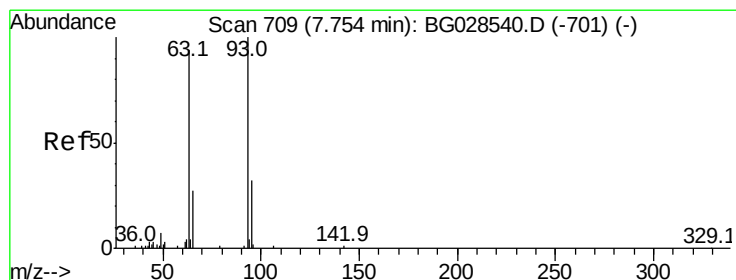
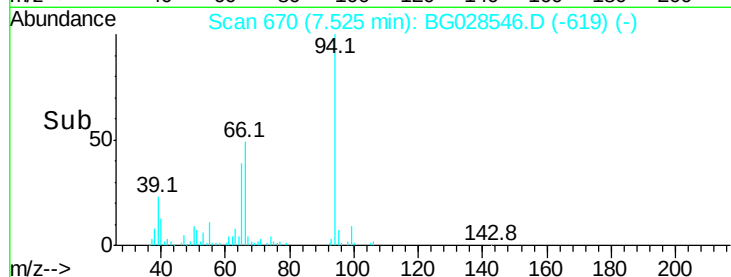
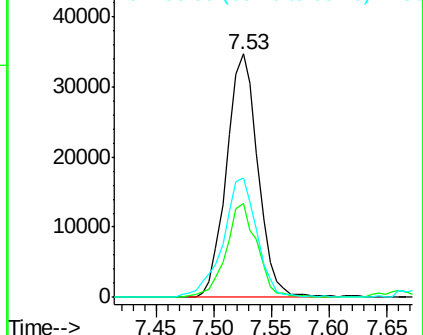
94 100

65 38.7 26.8 40.2

66 48.8 44.4 66.6



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: 17.988 ng/ul

RT: 7.75 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

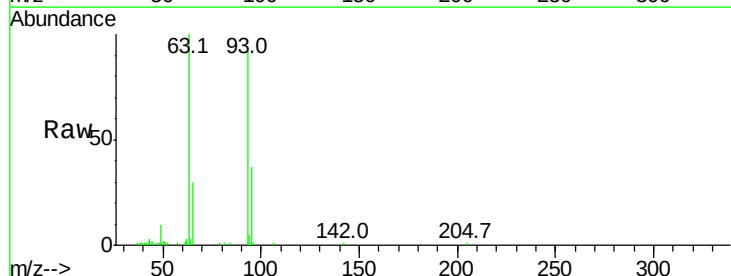
Tgt Ion: 93 Resp: 46393

Ion Ratio Lower Upper

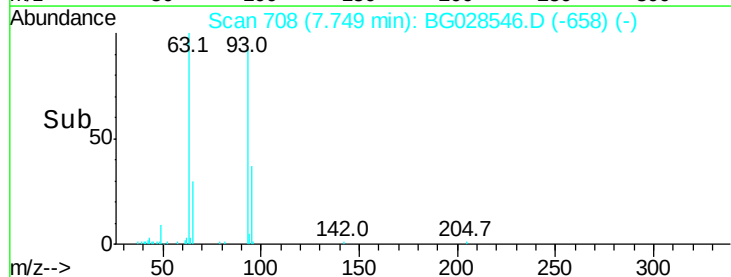
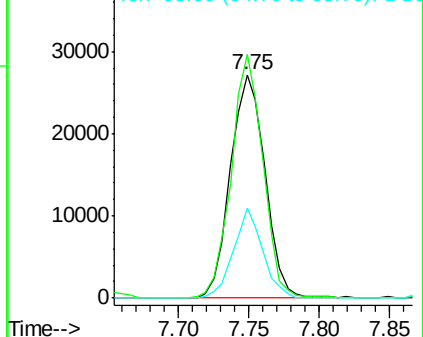
93 100

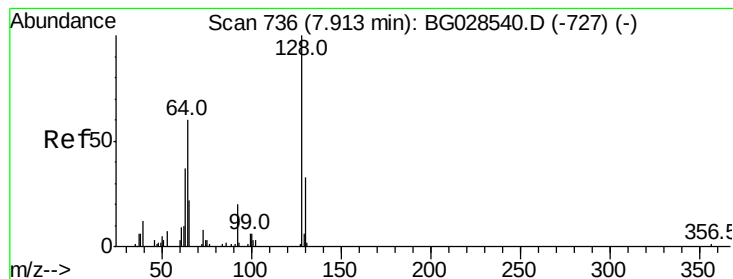
63 109.0 75.5 113.3

95 40.3 29.2 43.8



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: 20.152 ng/ul

RT: 7.91 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

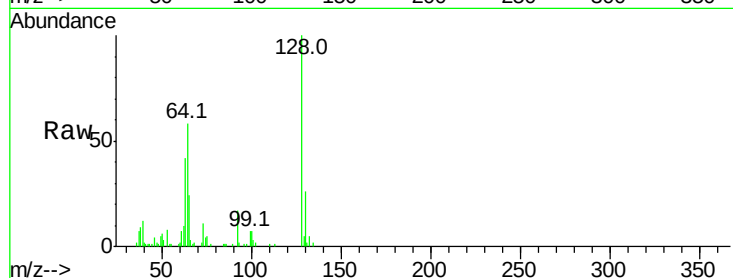
Tot Ion:128 Resp: 47195

Ion Ratio Lower Upper

128 100

64 57.9 56.3 84.5

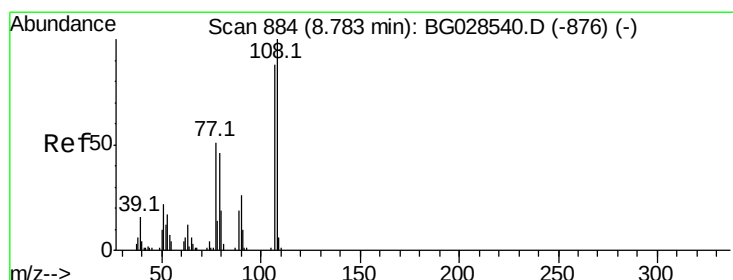
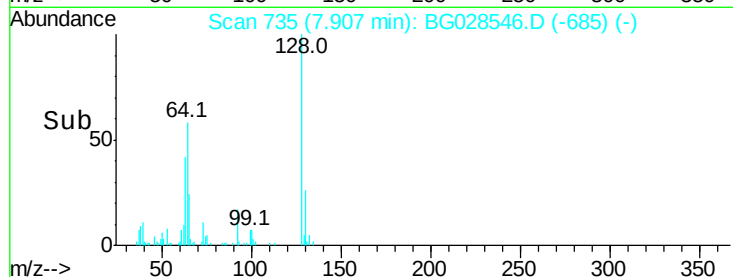
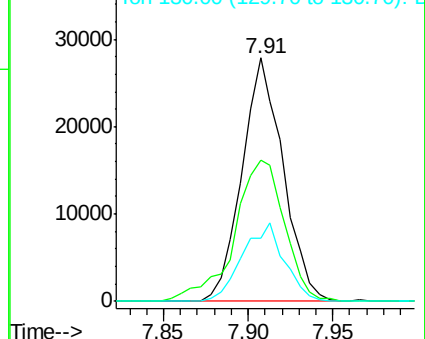
130 25.9 26.7 40.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.024 ng/ul

RT: 8.78 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG028546.D

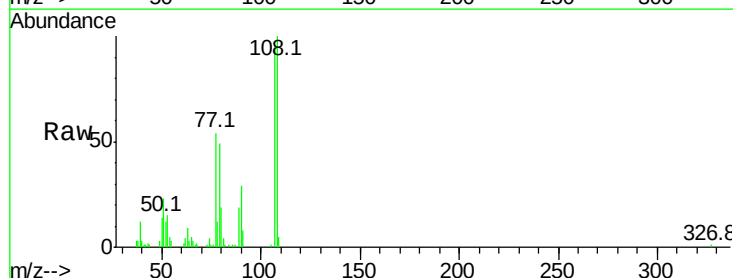
Acq: 29 Aug 2017 22:55

Tgt Ion:108 Resp: 48168

Ion Ratio Lower Upper

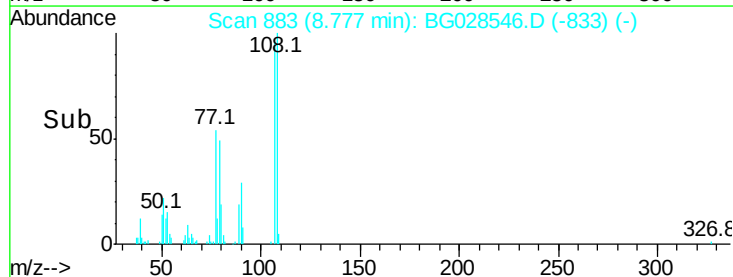
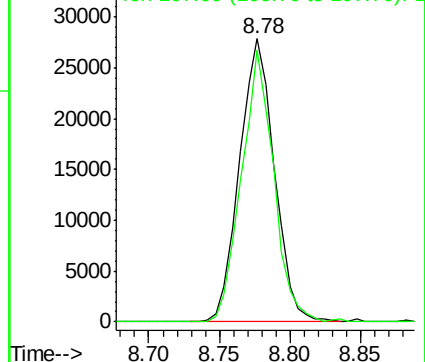
108 100

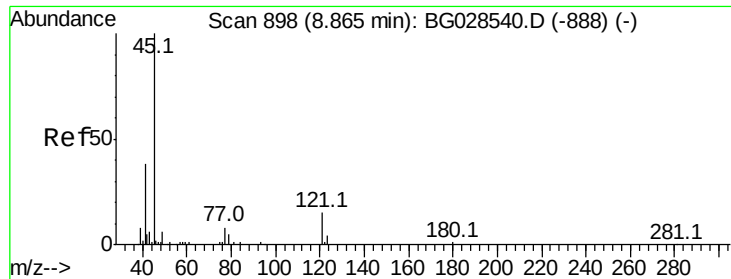
107 96.1 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

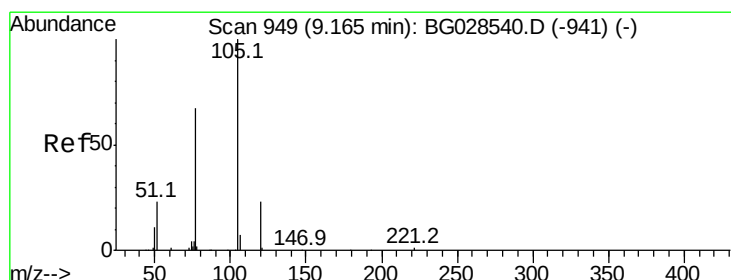
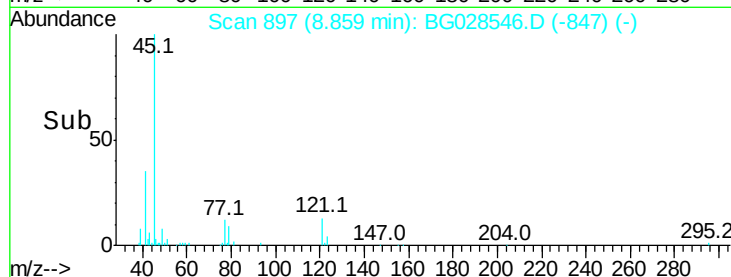
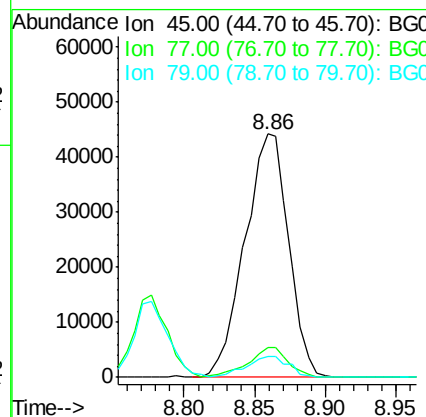
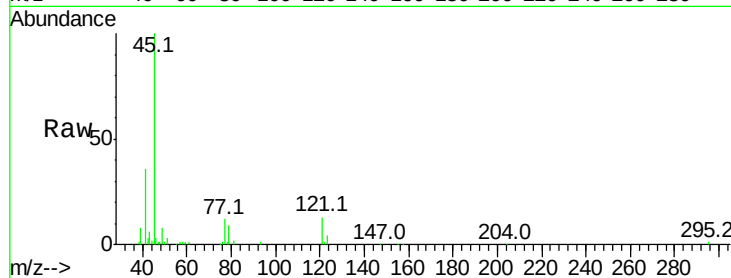




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 15.320 ng/ul  
RT: 8.86 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BG028546.D  
Acq: 29 Aug 2017 22:55

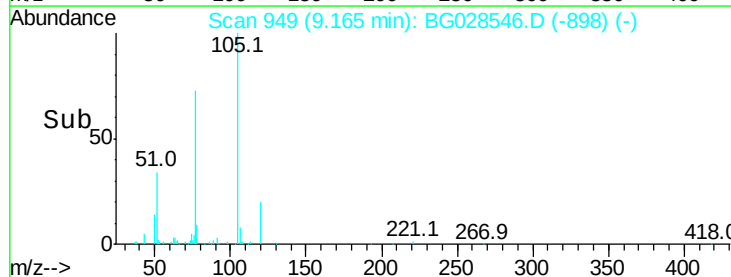
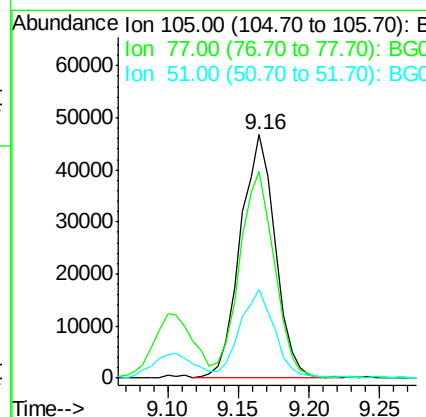
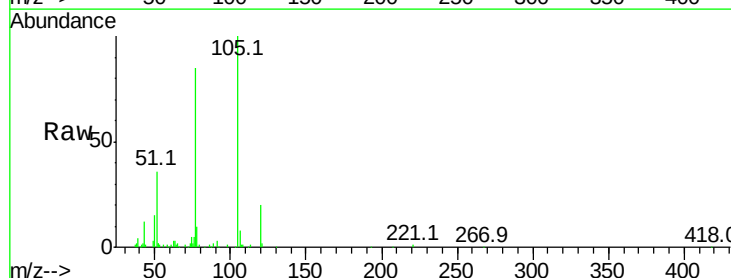
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02093

Tot Ion: 45 Resp: 95914  
Ion Ratio Lower Upper  
45 100  
77 12.4 10.0 15.0  
79 8.5 7.3 10.9

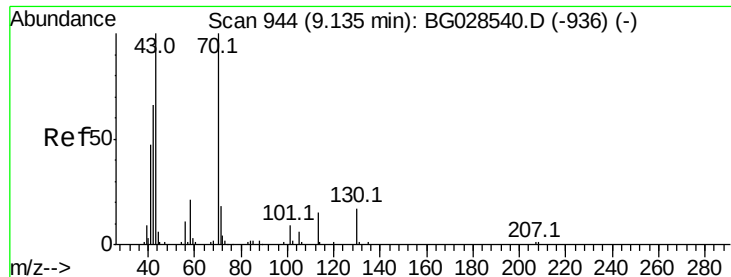


#14  
Acetophenone  
Concen: 17.660 ng/ul  
RT: 9.16 min Scan# 949  
Delta R.T. 0.00 min  
Lab File: BG028546.D  
Acq: 29 Aug 2017 22:55

Tgt Ion: 105 Resp: 80192  
Ion Ratio Lower Upper  
105 100  
77 84.8 76.0 114.0  
51 36.4 34.8 52.2



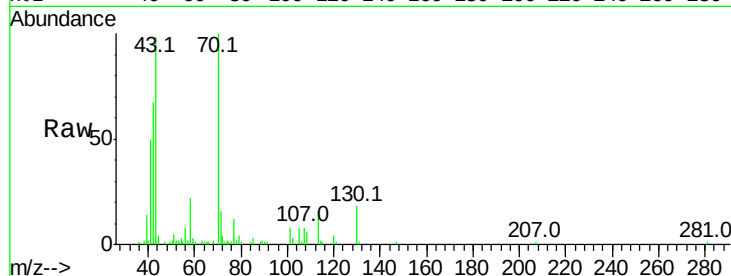




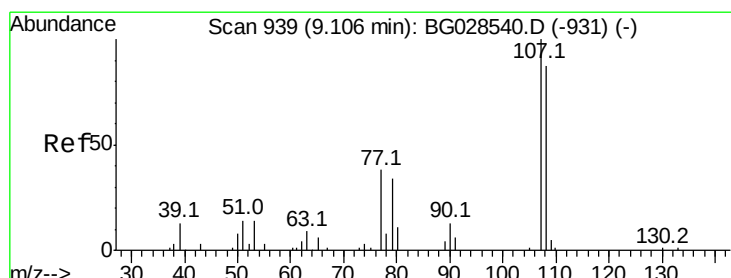
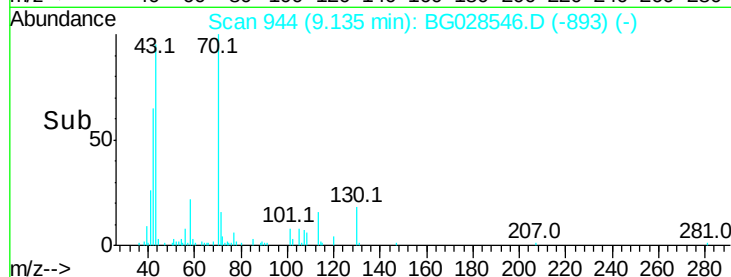
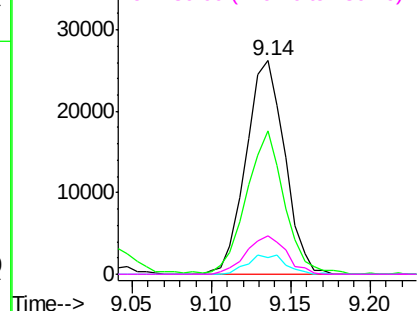
#15  
N-Nitroso-di-n-propylamine  
Concen: 17.189 ng/ul  
RT: 9.14 min Scan# 944  
Delta R.T. 0.00 min  
Lab File: BG028546.D  
Acq: 29 Aug 2017 22:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02093

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 44362 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 67.3  | 59.0  | 88.6  |
| 101      | 8.0   | 6.6   | 9.8   |
| 130      | 18.1  | 15.6  | 23.4  |

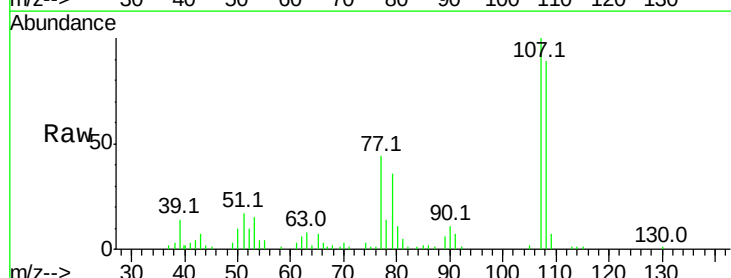


Abundance Ion 70.00 (69.70 to 70.70): BG028546.D (-893) (-)  
Ion 42.00 (41.70 to 42.70): BG028546.D (-893) (-)  
Ion 101.00 (100.70 to 101.70): BG028546.D (-893) (-)  
Ion 130.00 (129.70 to 130.70): BG028546.D (-893) (-)

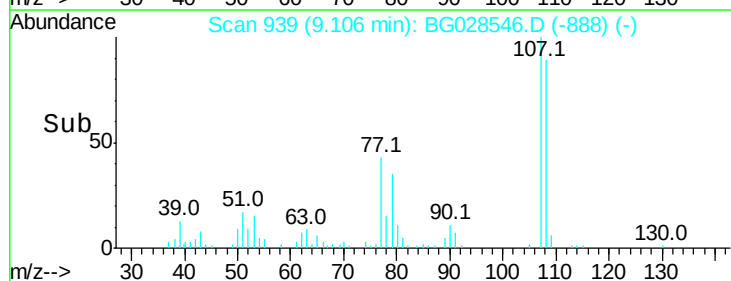
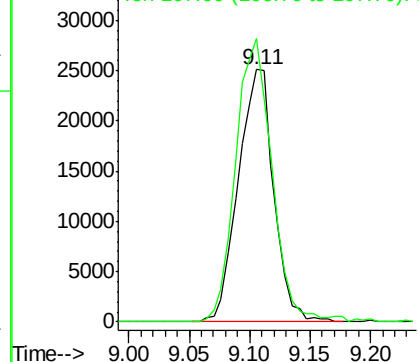


#16  
4-Methylphenol  
Concen: 17.022 ng/ul  
RT: 9.11 min Scan# 939  
Delta R.T. 0.00 min  
Lab File: BG028546.D  
Acq: 29 Aug 2017 22:55

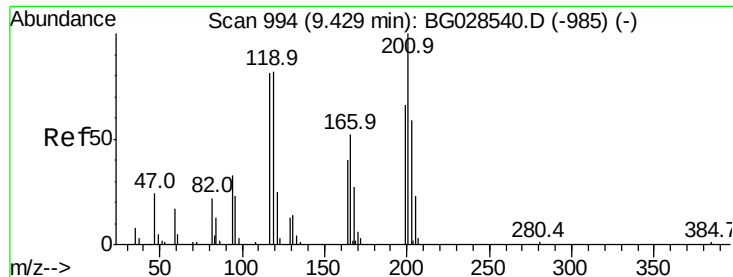
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 108   | Resp: | 51365 |
| Ion      | Ratio | Lower | Upper |
| 108      | 100   |       |       |
| 107      | 112.1 | 91.7  | 137.5 |



Abundance Ion 108.00 (107.70 to 108.70): BG028546.D (-888) (-)  
Ion 107.00 (106.70 to 107.70): BG028546.D (-888) (-)







#17

Hexachloroethane

Concen: 20.449 ng/ul

RT: 9.42 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampled :

SSTD02093

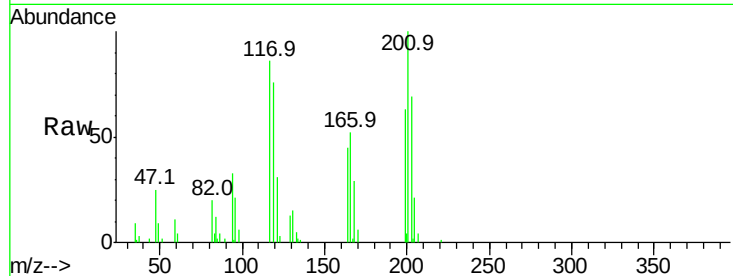
Tot Ion:117 Resp: 19845

Ion Ratio Lower Upper

117 100

201 116.8 91.9 137.9

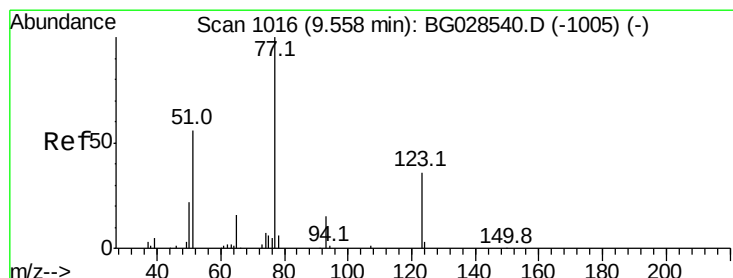
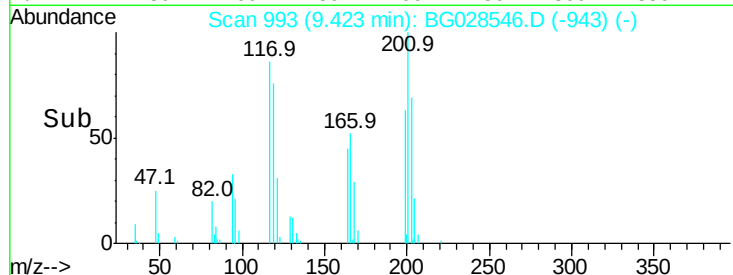
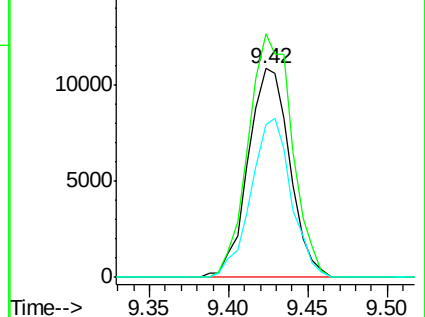
199 77.9 64.3 96.5



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: 20.288 ng/ul

RT: 9.55 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

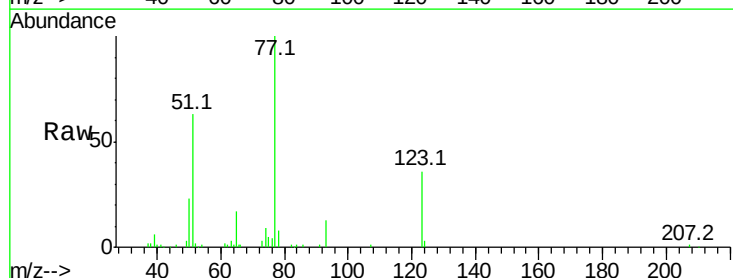
Tgt Ion: 77 Resp: 66304

Ion Ratio Lower Upper

77 100

123 36.3 27.4 41.0

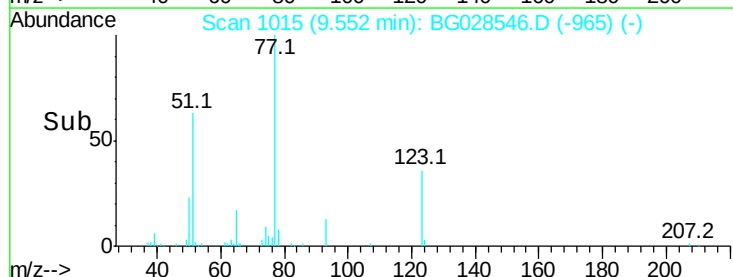
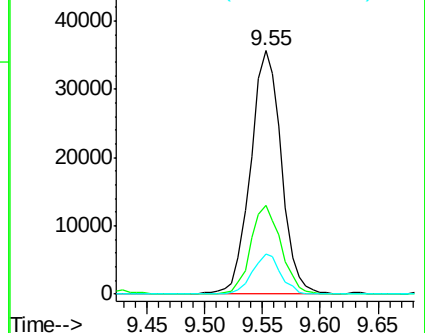
65 16.6 13.3 19.9

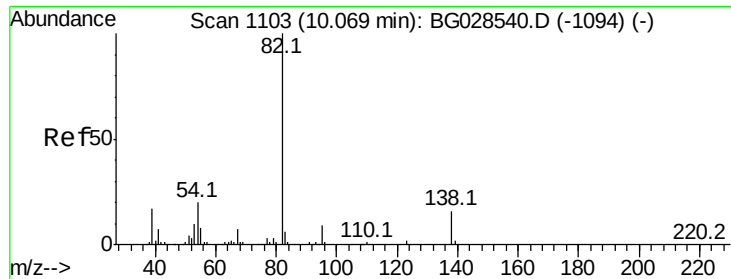


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 19.573 ng/ul

RT: 10.07 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

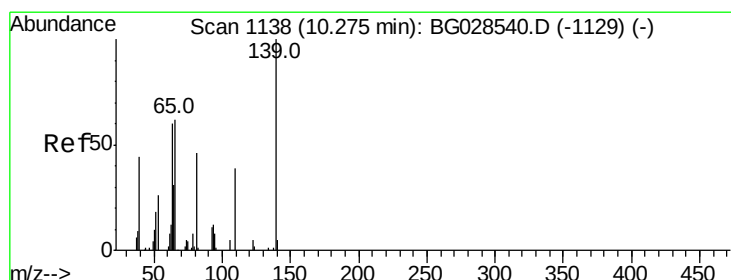
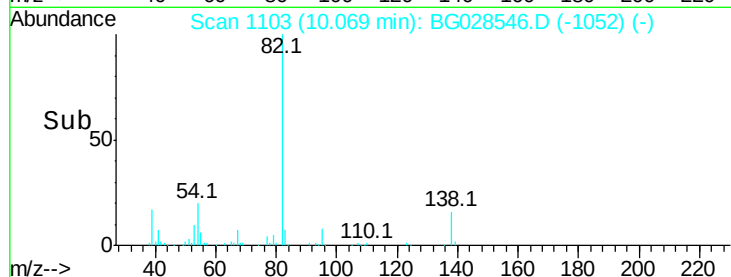
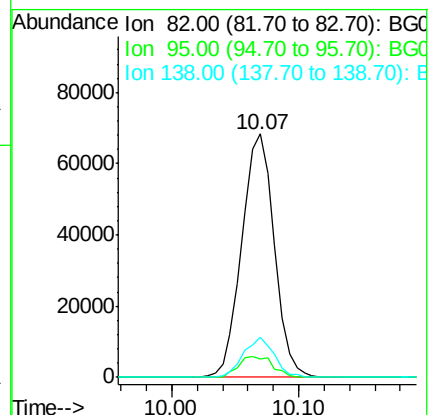
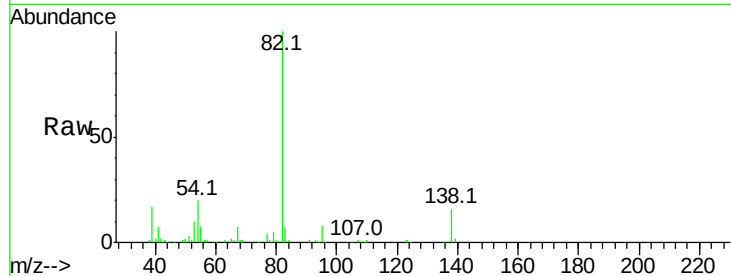
Tot Ion: 82 Resp: 121530

Ion Ratio Lower Upper

82 100

95 7.8 7.8 11.6

138 16.3 12.2 18.2



#23

2-Nitrophenol

Concen: 22.573 ng/ul

RT: 10.27 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

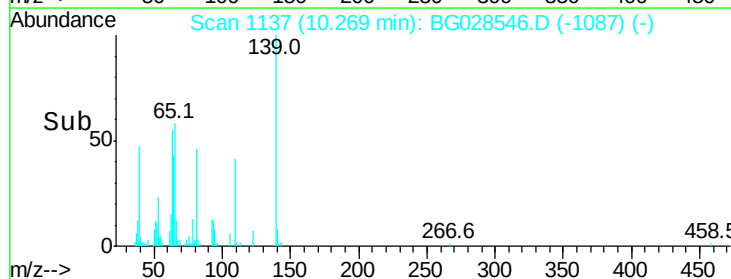
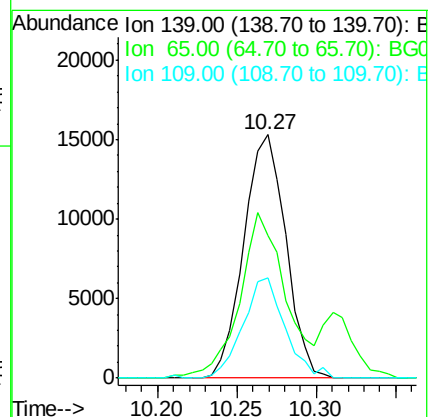
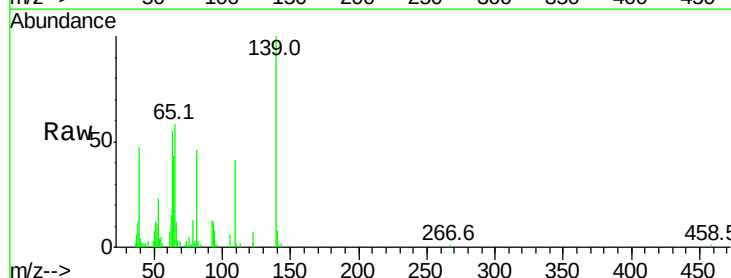
Tgt Ion: 139 Resp: 28208

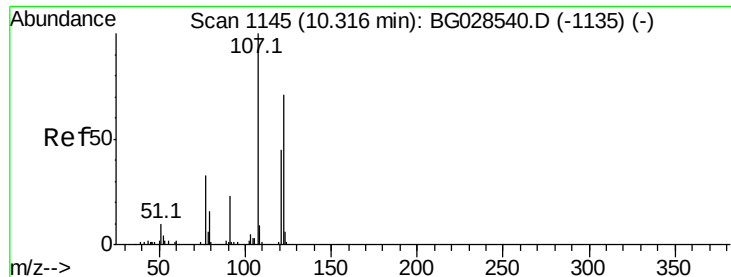
Ion Ratio Lower Upper

139 100

65 58.5 67.0 100.6#

109 41.4 39.6 59.4

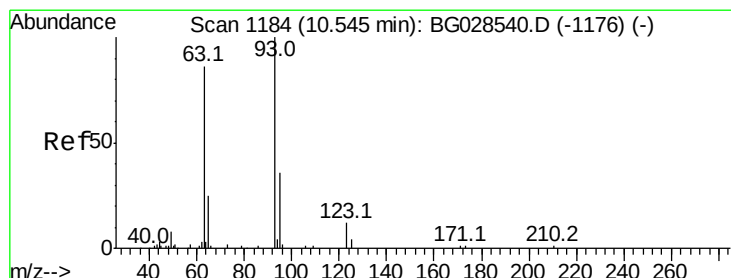
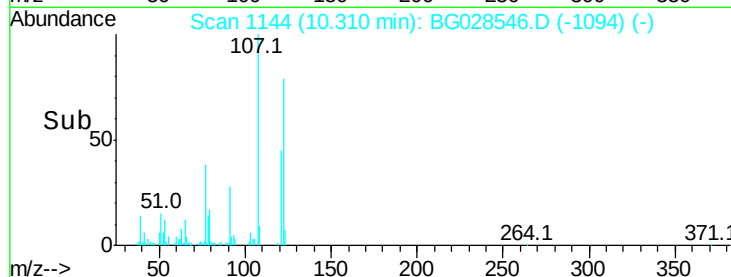
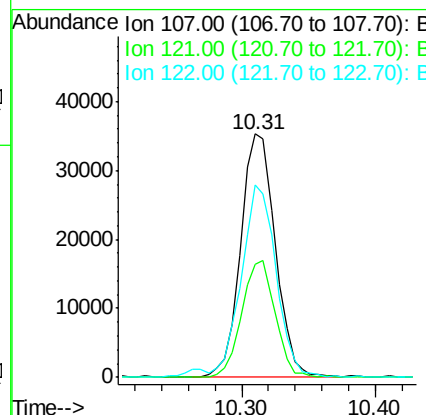
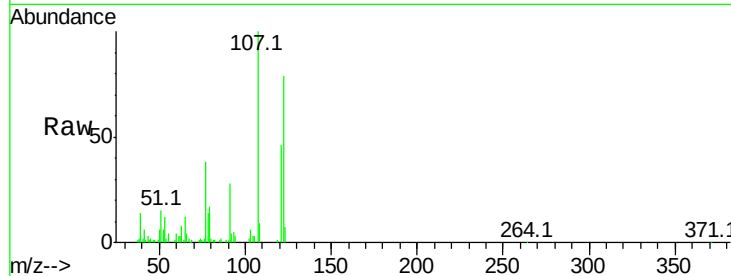




#24  
2,4-Dimethylphenol  
Concen: 20.436 ng/ul  
RT: 10.31 min Scan# 1144  
Delta R.T. -0.01 min  
Lab File: BG028546.D  
Acq: 29 Aug 2017 22:55

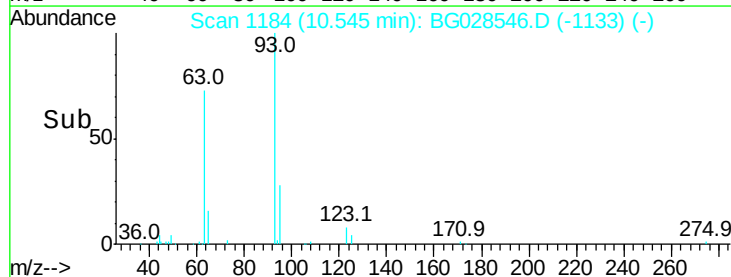
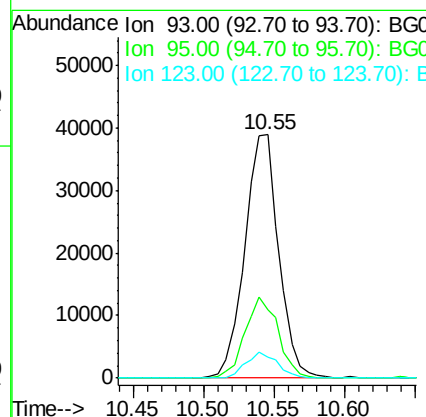
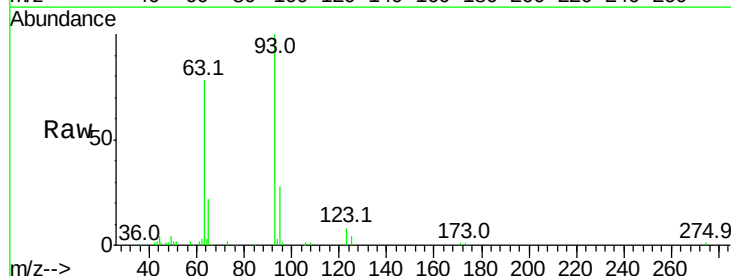
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02093

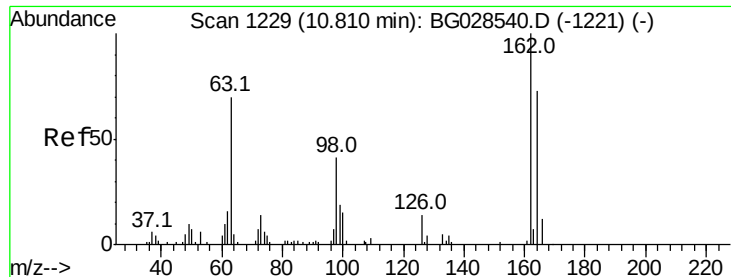
Tot Ion:107 Resp: 63477  
Ion Ratio Lower Upper  
107 100  
121 46.2 32.3 48.5  
122 79.2 61.2 91.8



#25  
Bis(2-Chloroethoxy)methane  
Concen: 19.334 ng/ul  
RT: 10.55 min Scan# 1184  
Delta R.T. 0.00 min  
Lab File: BG028546.D  
Acq: 29 Aug 2017 22:55

Tgt Ion: 93 Resp: 65388  
Ion Ratio Lower Upper  
93 100  
95 28.0 23.4 35.0  
123 8.3 7.8 11.6

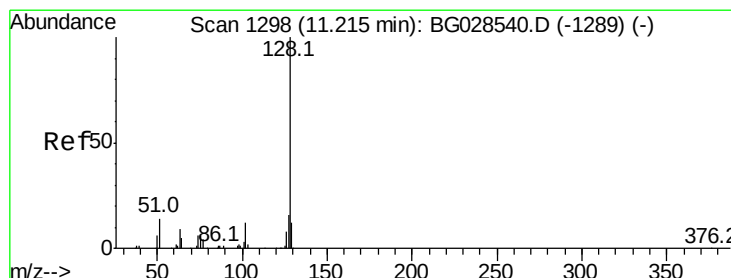
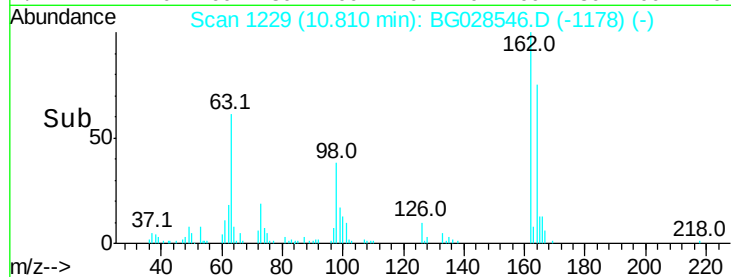
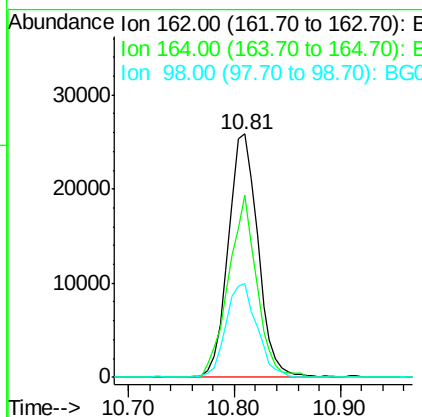
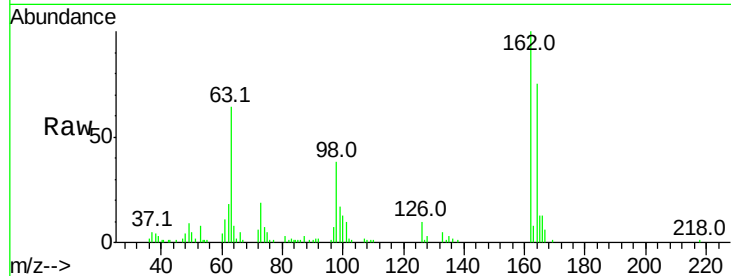




#27  
 2,4-Dichlorophenol  
 Concen: 21.519 ng/ul  
 RT: 10.81 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

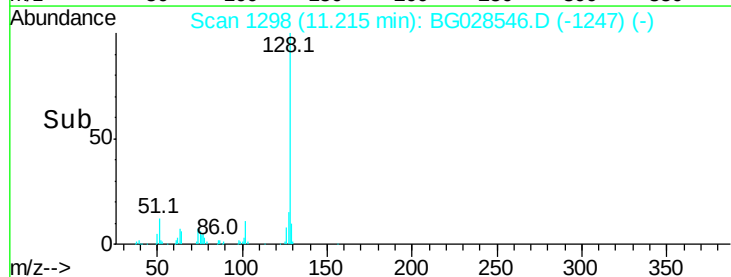
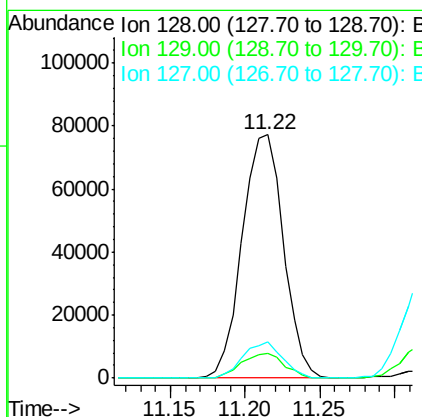
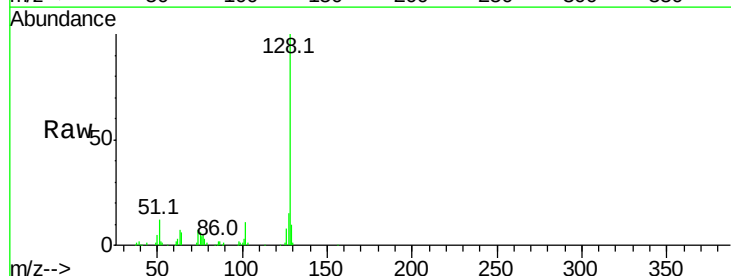
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02093

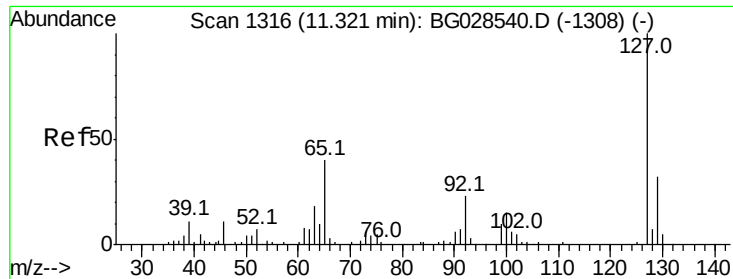
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 74.9  | 50.8  | 76.2  |
| 98      | 38.4  | 32.1  | 48.1  |



#28  
 Naphthalene  
 Concen: 20.643 ng/ul  
 RT: 11.22 min Scan# 1298  
 Delta R.T. 0.00 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 9.4   | 14.2  |
| 127     | 14.8  | 10.3  | 15.5  |

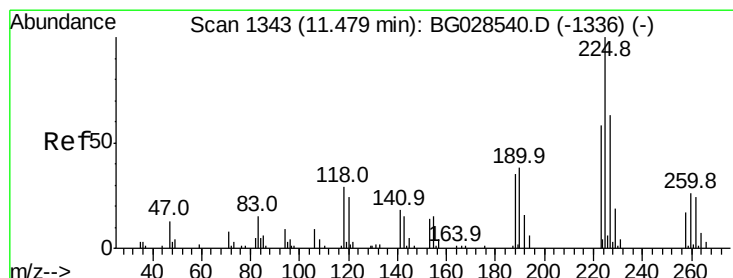
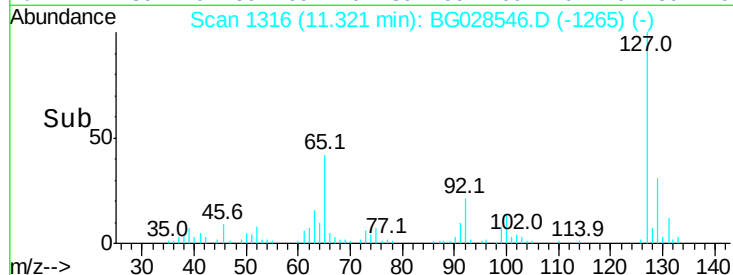
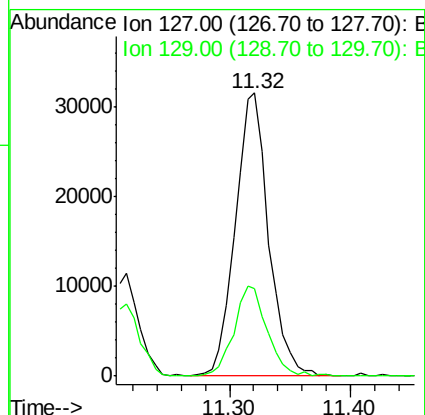
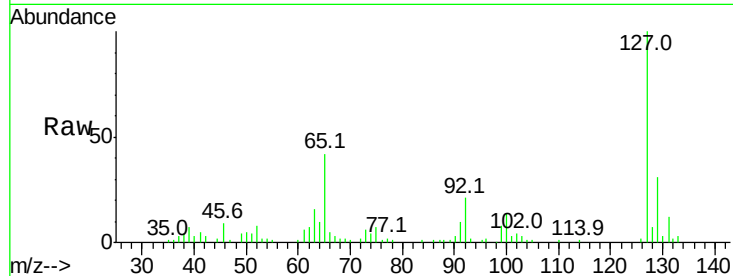




#30  
 4-Chloroaniline  
 Concen: 21.792 ng/ul  
 RT: 11.32 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

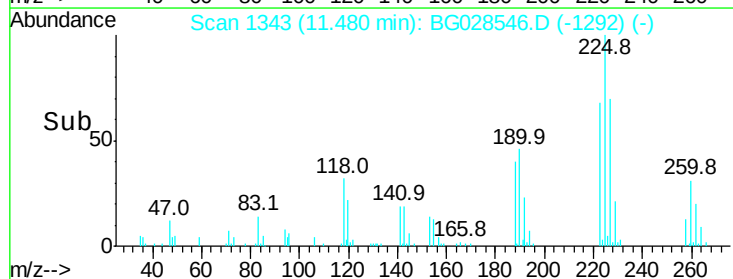
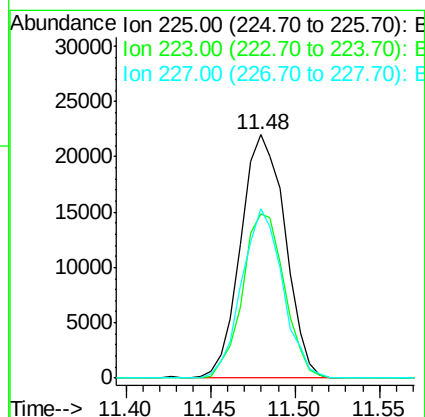
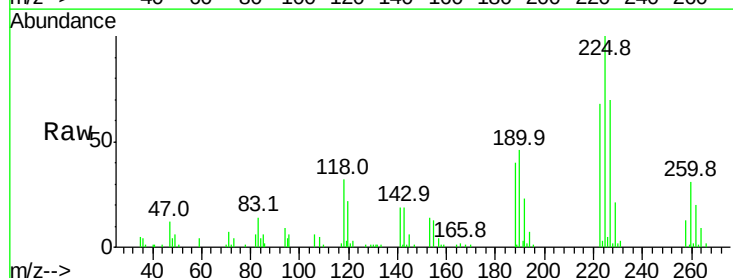
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02093

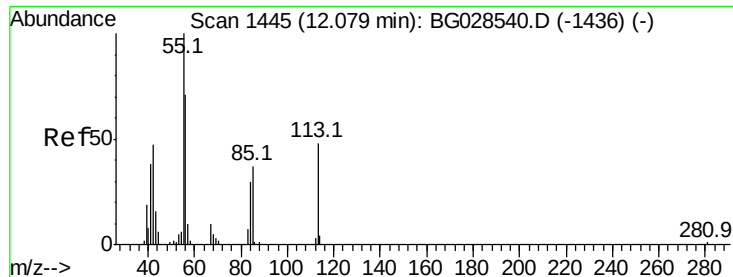
Tot Ion:127 Resp: 60222  
 Ion Ratio Lower Upper  
 127 100  
 129 31.1 28.9 43.3



#31  
 Hexachlorobutadiene  
 Concen: 23.417 ng/ul  
 RT: 11.48 min Scan# 1343  
 Delta R.T. 0.00 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

Tgt Ion:225 Resp: 40298  
 Ion Ratio Lower Upper  
 225 100  
 223 67.7 45.9 68.9  
 227 69.7 44.7 67.1#





#32

Caprolactam

Concen: 19.961 ng/ul

RT: 12.07 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

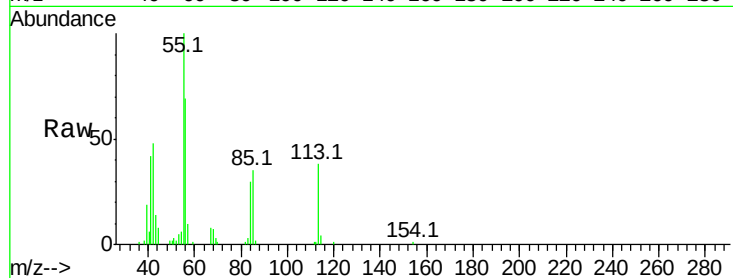
Tot Ion:113 Resp: 19352

Ion Ratio Lower Upper

113 100

55 264.0 168.6 252.8#

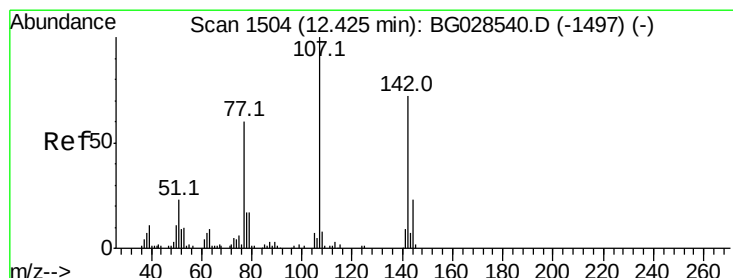
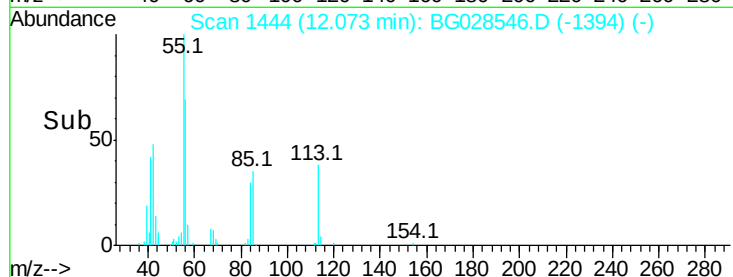
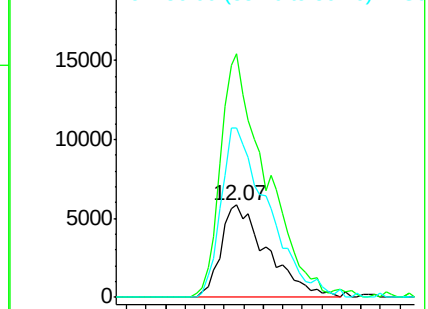
56 183.4 128.5 192.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 20.533 ng/ul

RT: 12.43 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

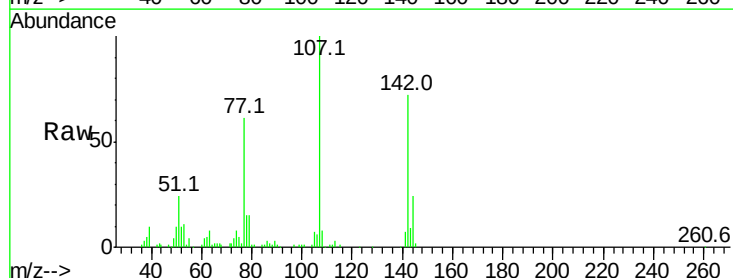
Tgt Ion:107 Resp: 61104

Ion Ratio Lower Upper

107 100

144 24.2 18.2 27.4

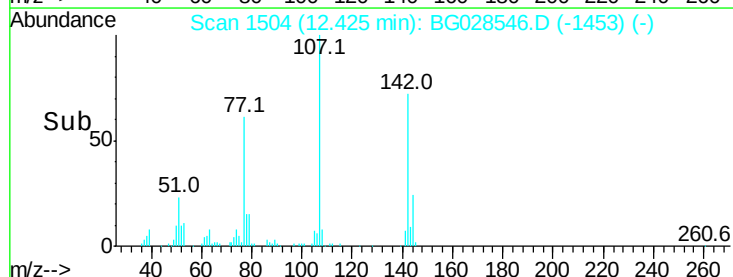
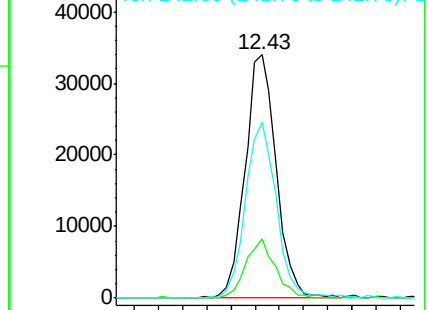
142 72.3 55.0 82.4

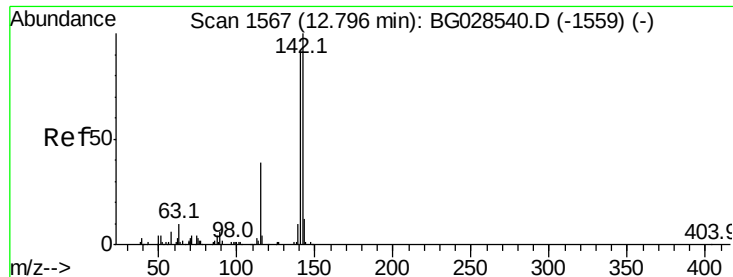


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

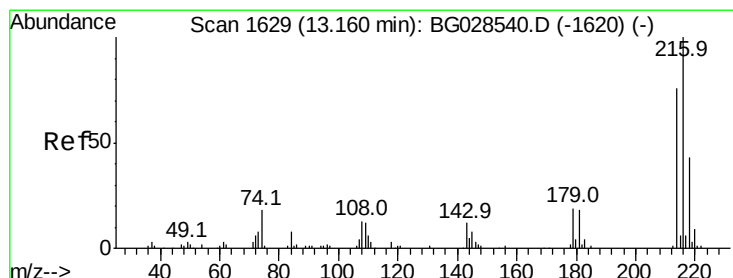
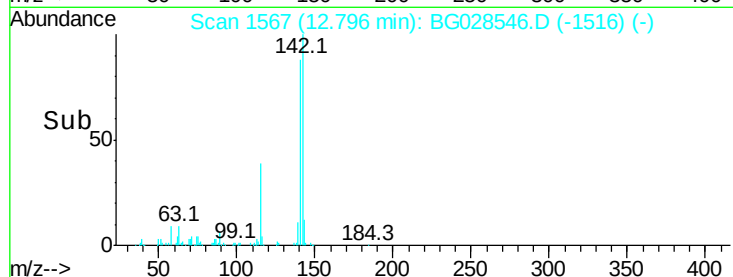
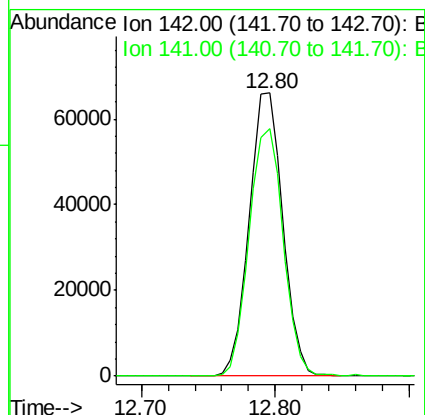
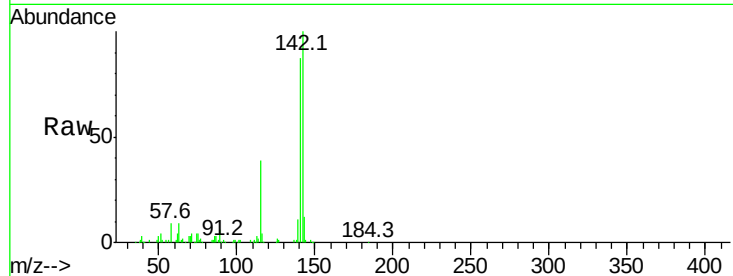




#34  
 2-Methylnaphthalene  
 Concen: 19.939 ng/ul  
 RT: 12.80 min Scan# 1567  
 Delta R.T. 0.00 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

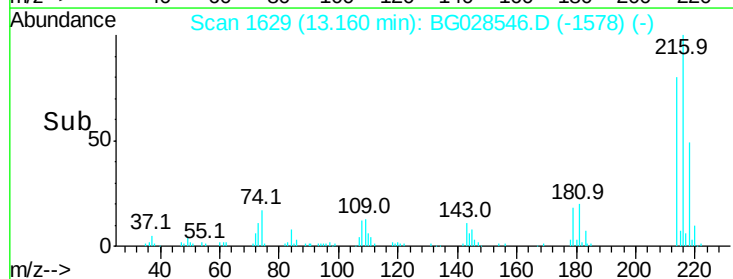
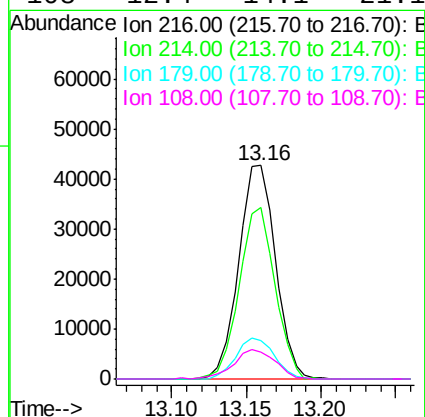
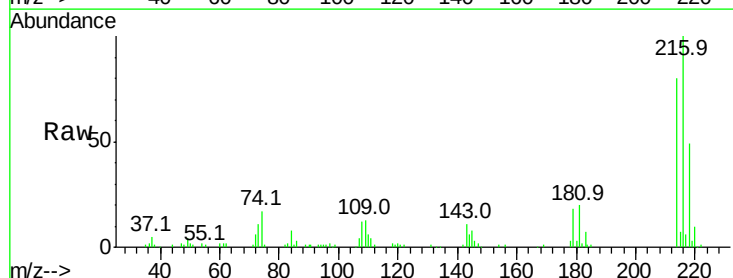
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02093

Tot Ion:142 Resp: 114522  
 Ion Ratio Lower Upper  
 142 100  
 141 87.4 68.6 102.8

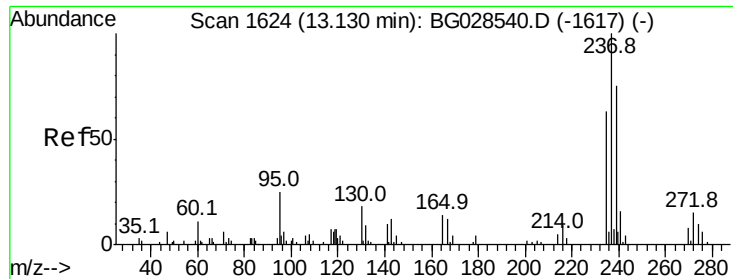


#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 22.679 ng/ul  
 RT: 13.16 min Scan# 1629  
 Delta R.T. 0.00 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

Tgt Ion:216 Resp: 73005  
 Ion Ratio Lower Upper  
 216 100  
 214 80.0 67.0 100.6  
 179 17.8 18.1 27.1#  
 108 12.4 14.1 21.1#







#37

Hexachlorocyclopentadiene

Concen: 12.272 ng/ul

RT: 13.13 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

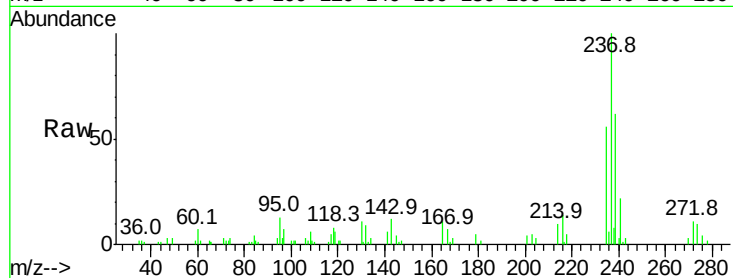
Tot Ion:237 Resp: 21798

Ion Ratio Lower Upper

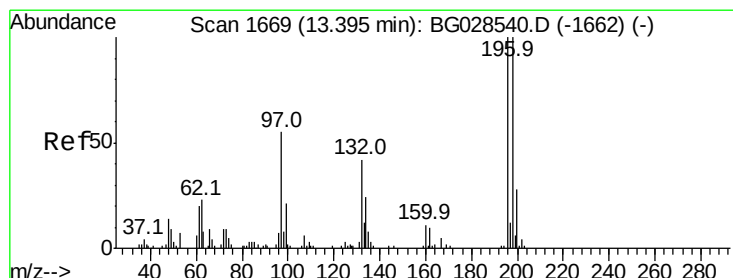
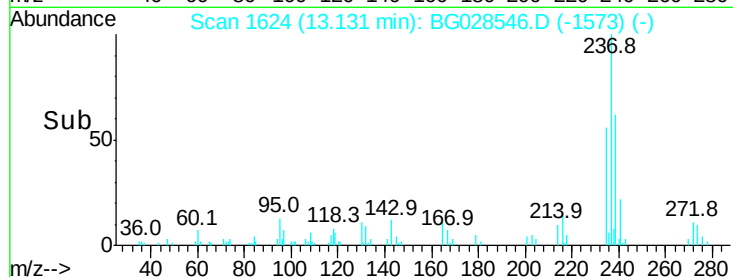
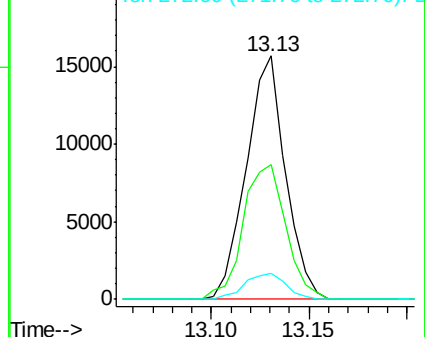
237 100

235 55.6 50.2 75.4

272 10.8 10.6 16.0



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



#38

2,4,6-Trichlorophenol

Concen: 23.713 ng/ul

RT: 13.39 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

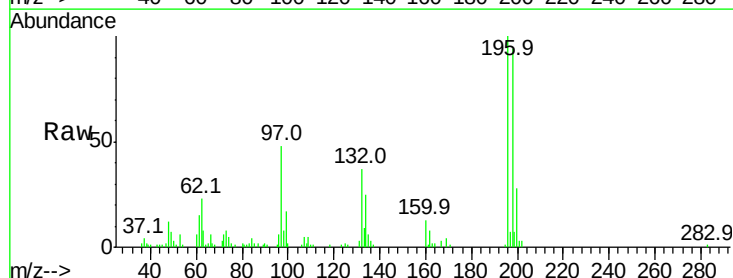
Tgt Ion:196 Resp: 47577

Ion Ratio Lower Upper

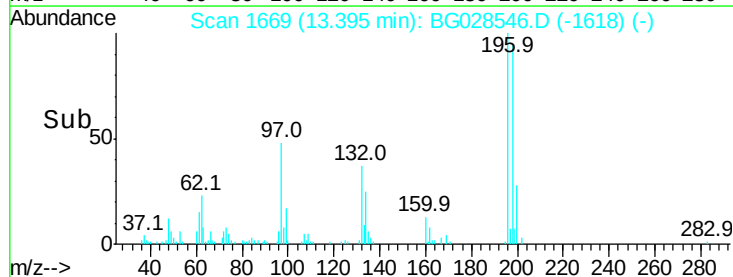
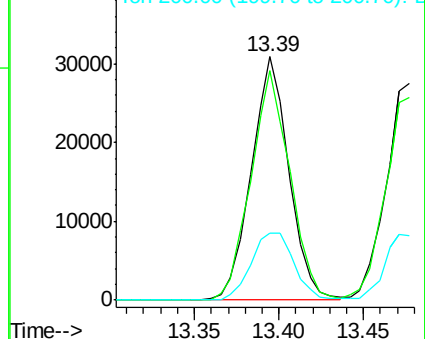
196 100

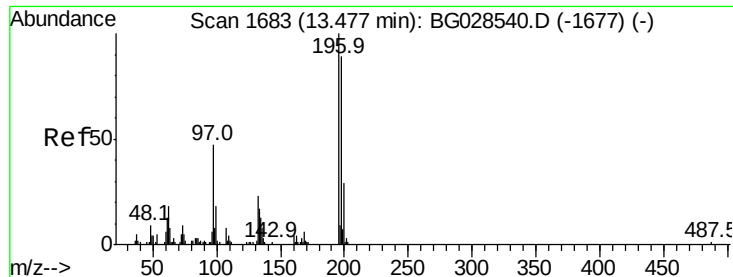
198 94.4 71.4 107.2

200 27.7 24.6 37.0



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

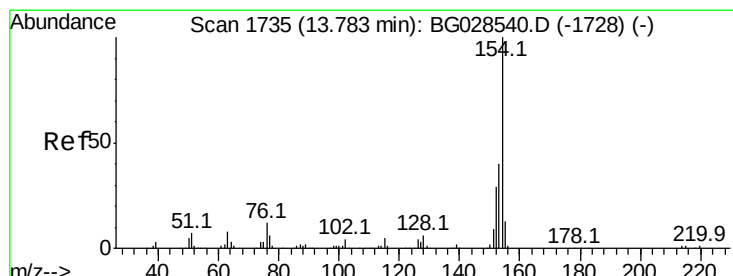
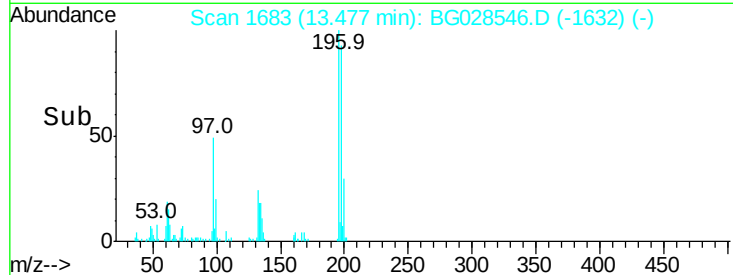
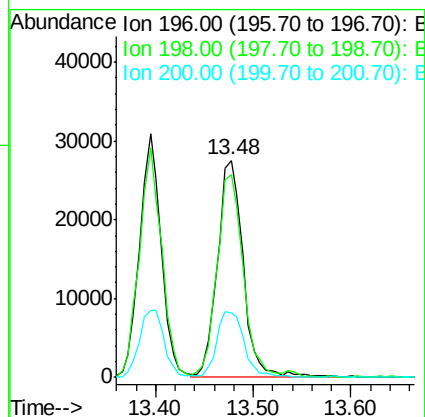
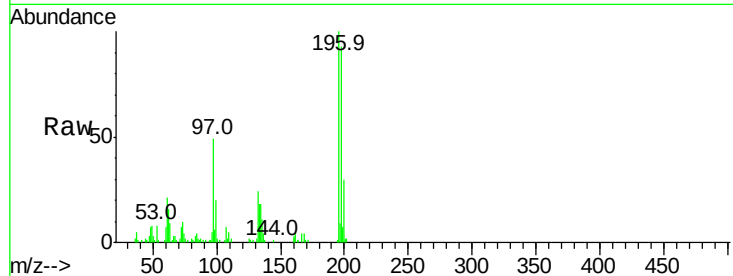




#39  
 2,4,5-Trichlorophenol  
 Concen: 23.172 ng/ul  
 RT: 13.48 min Scan# 1683  
 Delta R.T. 0.00 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

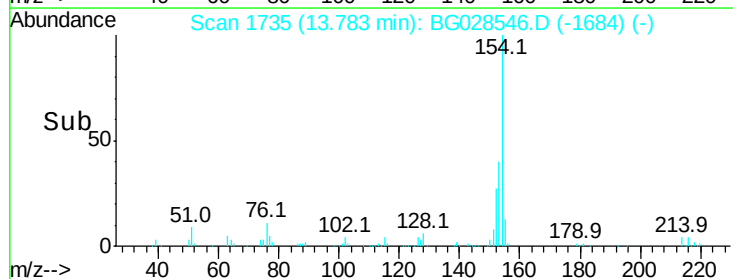
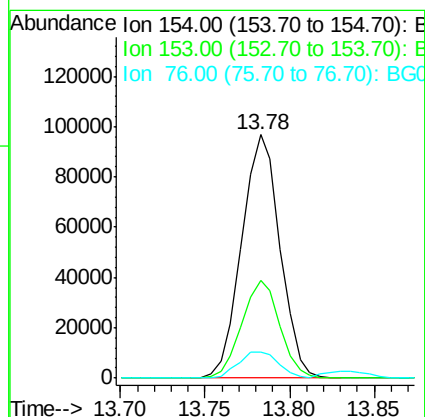
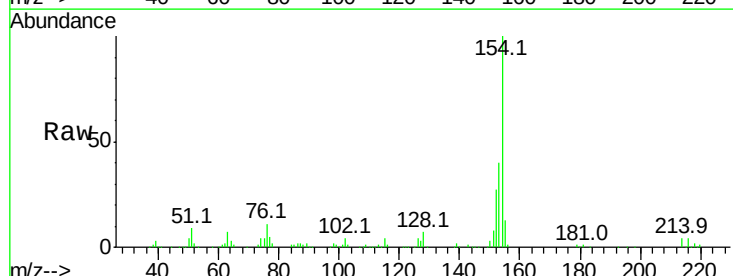
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02093

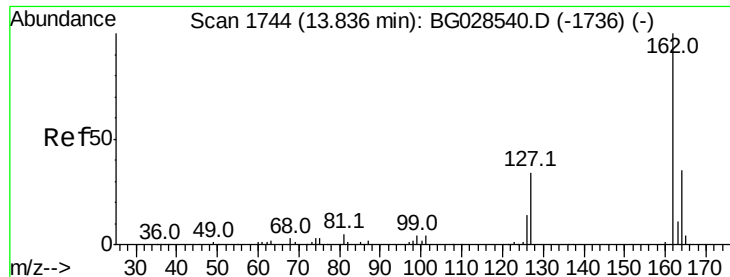
Tot Ion:196 Resp: 50675  
 Ion Ratio Lower Upper  
 196 100  
 198 93.4 78.6 118.0  
 200 29.9 27.3 40.9



#40  
 1,1'-Biphenyl  
 Concen: 20.902 ng/ul  
 RT: 13.78 min Scan# 1735  
 Delta R.T. 0.00 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

Tgt Ion:154 Resp: 152457  
 Ion Ratio Lower Upper  
 154 100  
 153 40.2 32.2 48.2  
 76 10.8 9.6 14.4

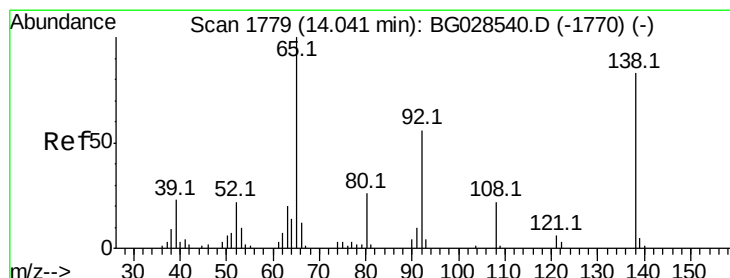
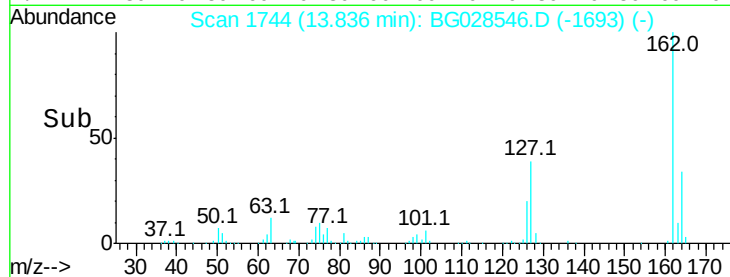
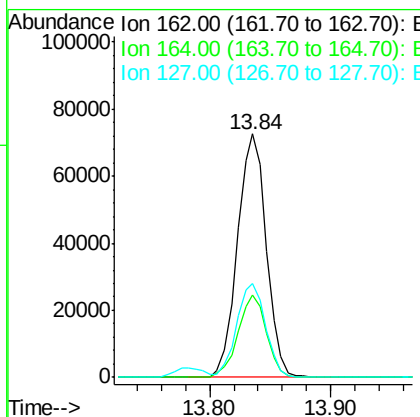
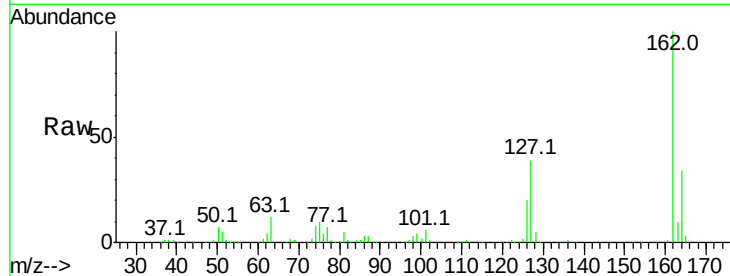




#41  
2-Chloronaphthalene  
Concen: 20.873 ng/ul  
RT: 13.84 min Scan# 1744  
Delta R.T. 0.00 min  
Lab File: BG028546.D  
Acq: 29 Aug 2017 22:55

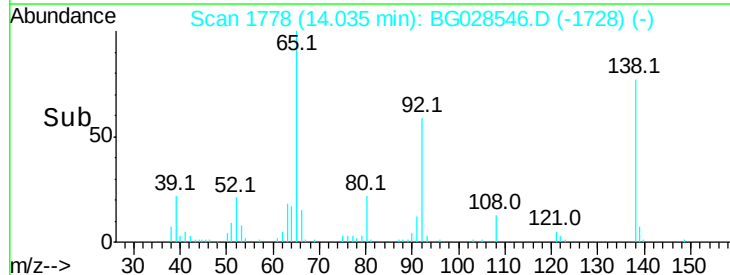
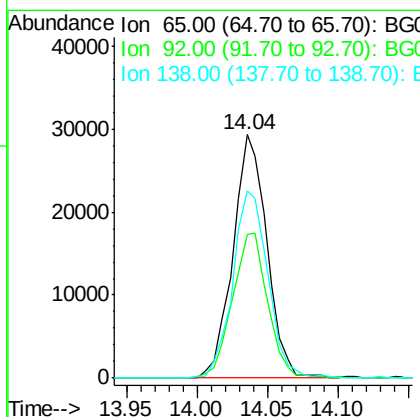
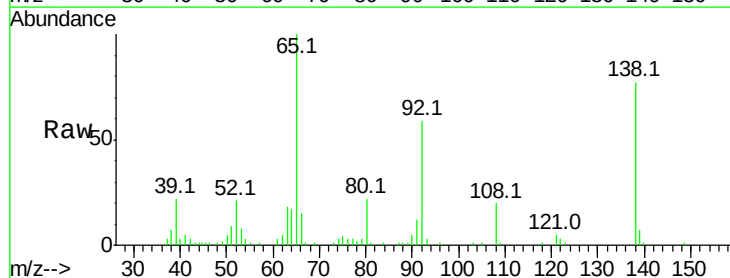
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02093

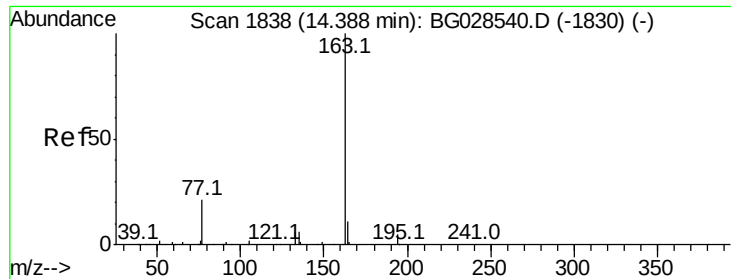
Tot Ion:162 Resp: 120316  
Ion Ratio Lower Upper  
162 100  
164 33.7 25.0 37.6  
127 38.7 30.7 46.1



#42  
2-Nitroaniline  
Concen: 20.288 ng/ul  
RT: 14.04 min Scan# 1778  
Delta R.T. -0.01 min  
Lab File: BG028546.D  
Acq: 29 Aug 2017 22:55

Tgt Ion: 65 Resp: 49031  
Ion Ratio Lower Upper  
65 100  
92 58.8 50.9 76.3  
138 76.8 61.8 92.6





#44

Dimethylphthalate

Concen: 20.003 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

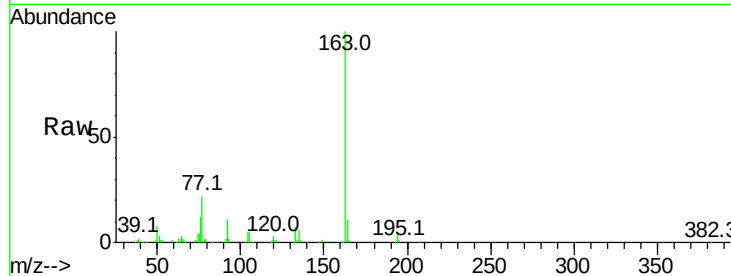
Tot Ion:163 Resp: 163599

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

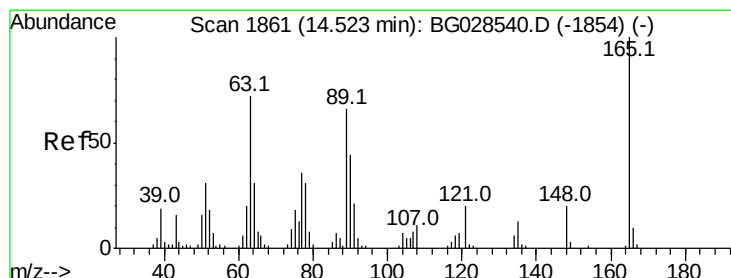
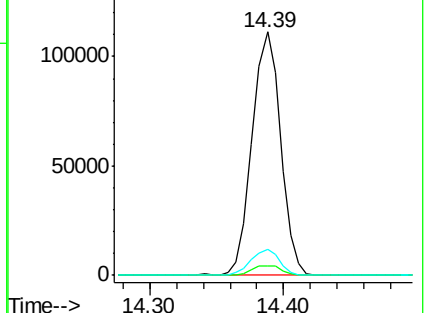
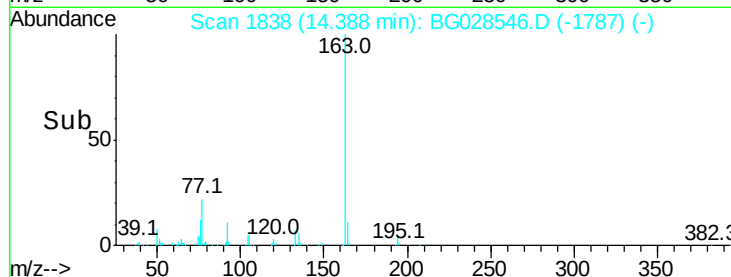
164 10.9 9.0 13.4



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



#45

2,6-Dinitrotoluene

Concen: 21.790 ng/ul

RT: 14.52 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

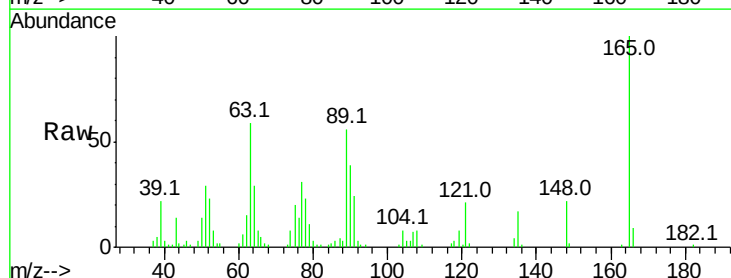
Tgt Ion:165 Resp: 36795

Ion Ratio Lower Upper

165 100

89 56.4 52.9 79.3

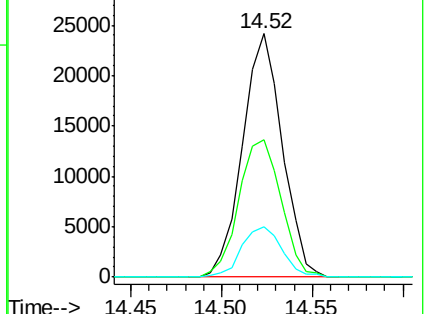
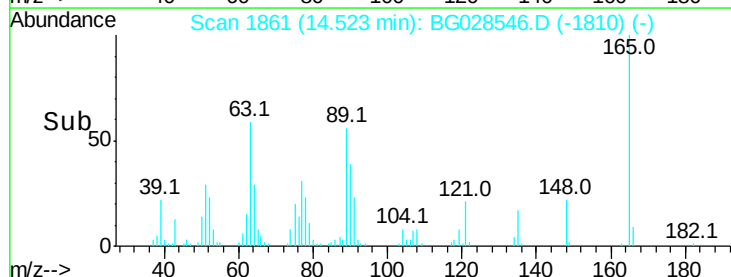
121 20.7 22.2 33.4#

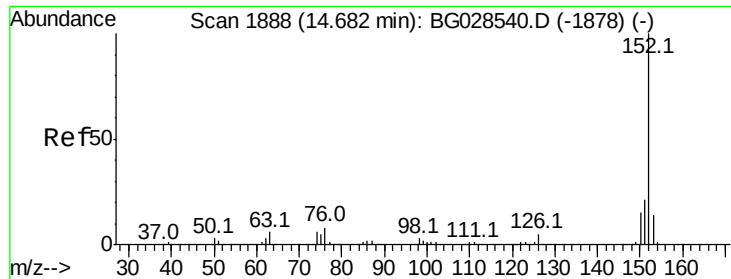


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.269 ng/ul

RT: 14.68 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

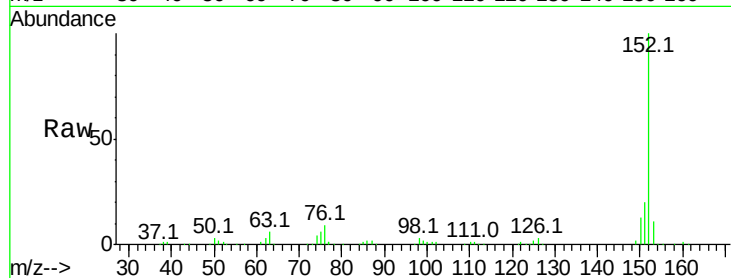
Tot Ion:152 Resp: 193988

Ion Ratio Lower Upper

152 100

151 20.2 16.7 25.1

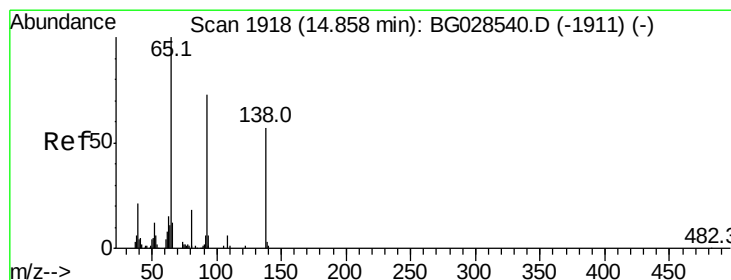
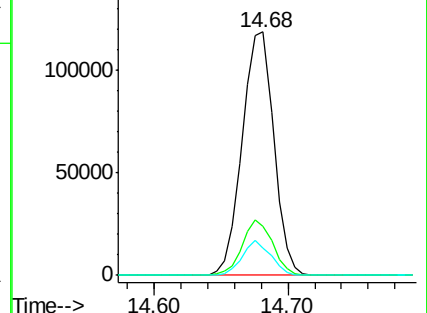
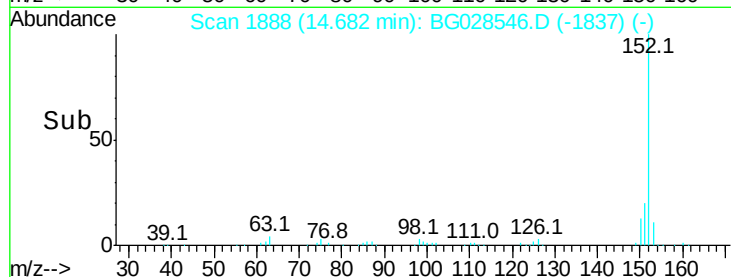
153 11.5 11.4 17.2



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



#48

3-Nitroaniline

Concen: 21.478 ng/ul

RT: 14.85 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

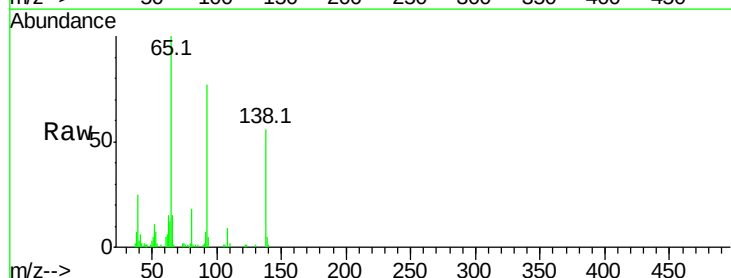
Tgt Ion:138 Resp: 32658

Ion Ratio Lower Upper

138 100

108 15.3 6.3 9.5#

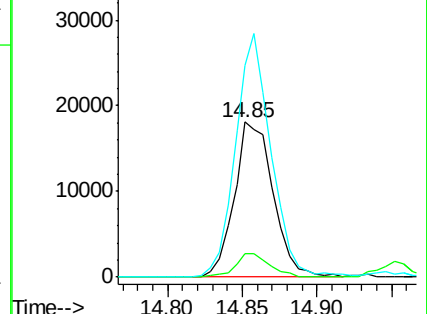
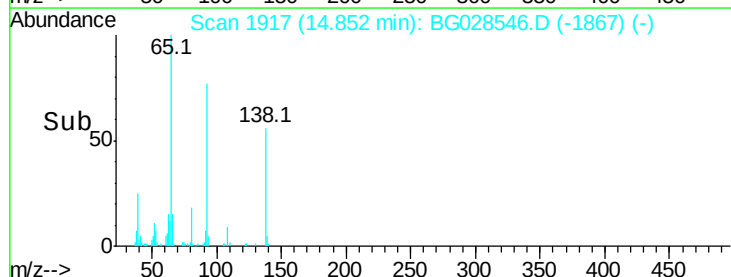
92 136.7 106.4 159.6

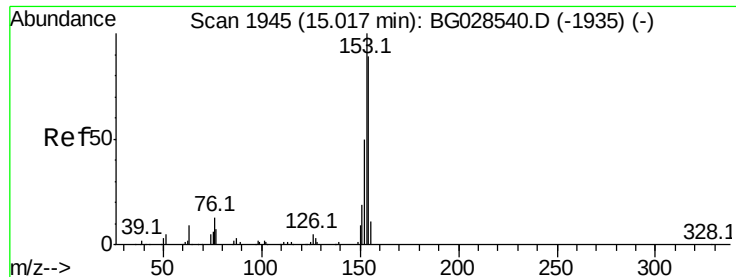


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 20.514 ng/ul

RT: 15.02 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

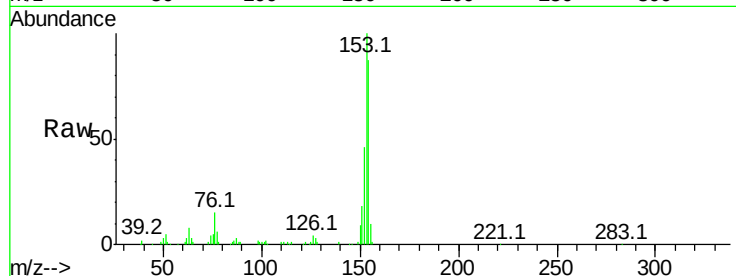
Tot Ion:153 Resp: 132470

Ion Ratio Lower Upper

153 100

152 45.7 36.5 54.7

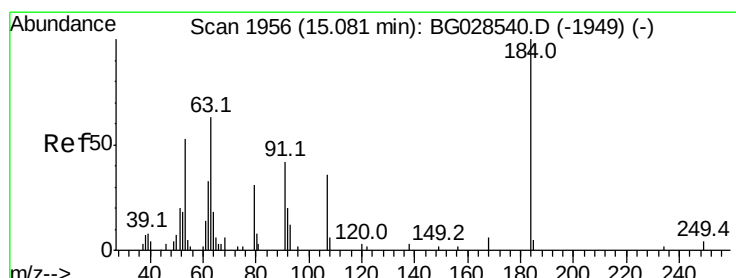
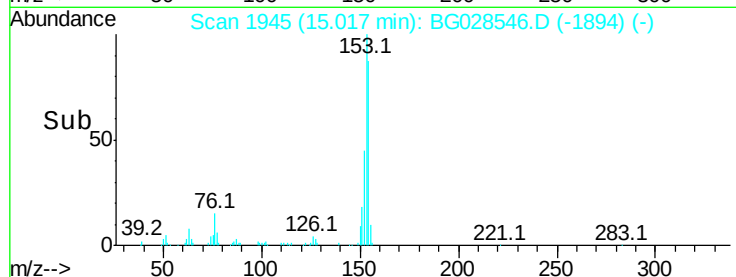
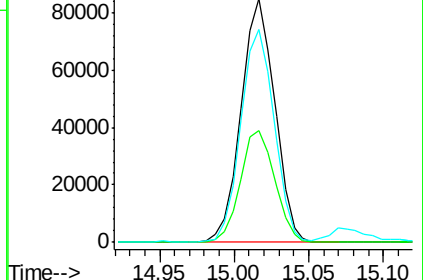
154 87.2 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 14.289 ng/ul

RT: 15.08 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

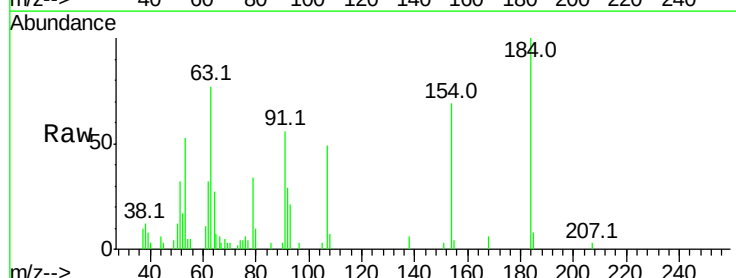
Tgt Ion:184 Resp: 13595

Ion Ratio Lower Upper

184 100

63 76.8 65.1 97.7

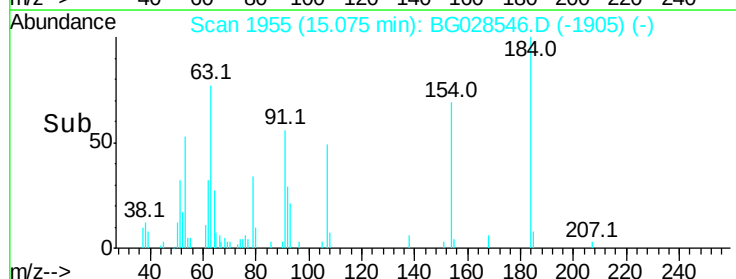
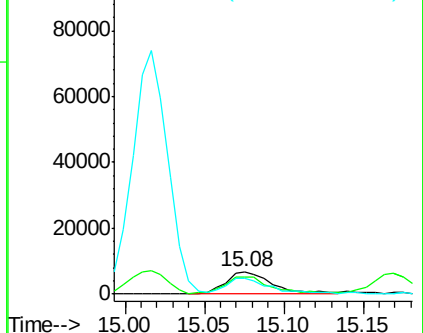
154 69.4 68.2 102.4

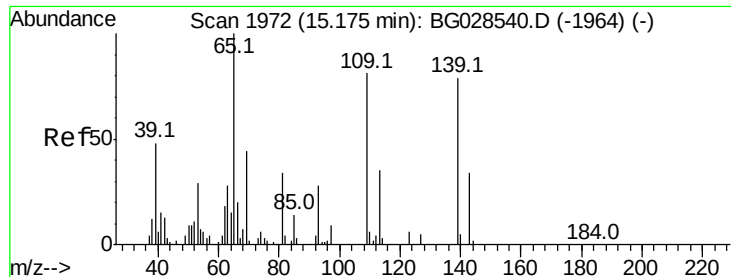


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.460 ng/ul

RT: 15.17 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

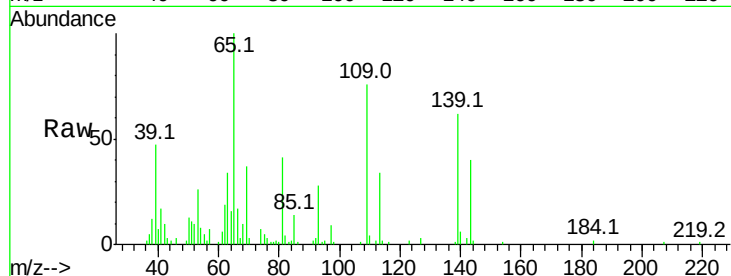
Tot Ion:109 Resp: 28477

Ion Ratio Lower Upper

109 100

139 81.6 62.6 93.8

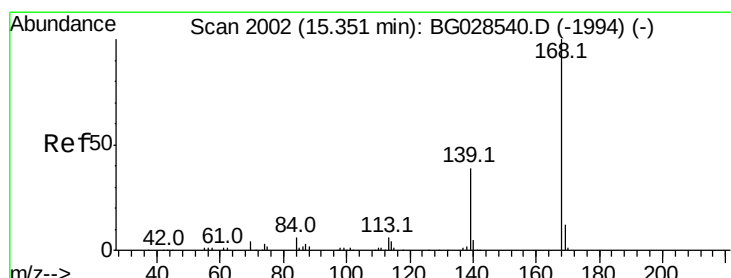
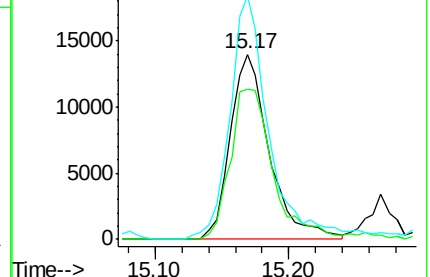
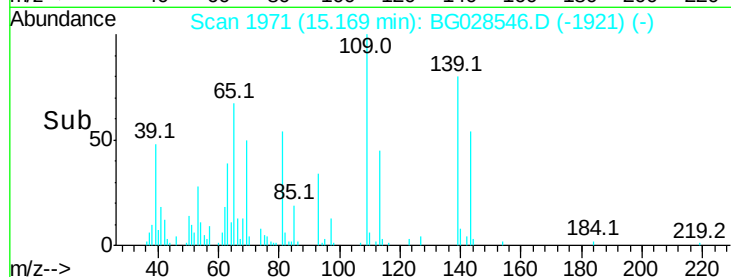
65 131.7 90.4 135.6



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



#53

Dibenzofuran

Concen: 20.754 ng/ul

RT: 15.35 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG028546.D

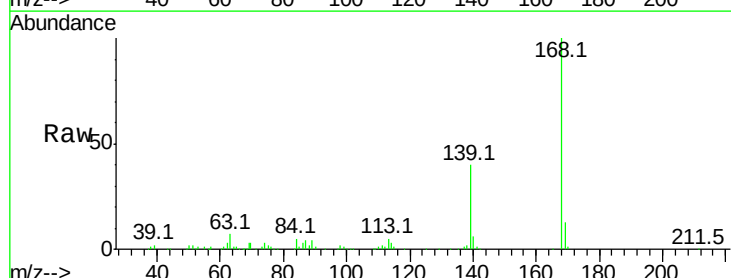
Acq: 29 Aug 2017 22:55

Tgt Ion:168 Resp: 195399

Ion Ratio Lower Upper

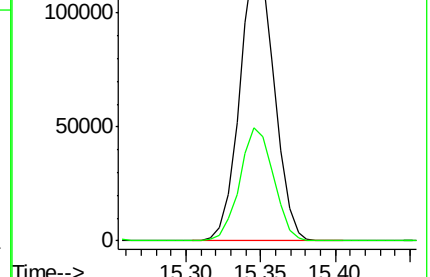
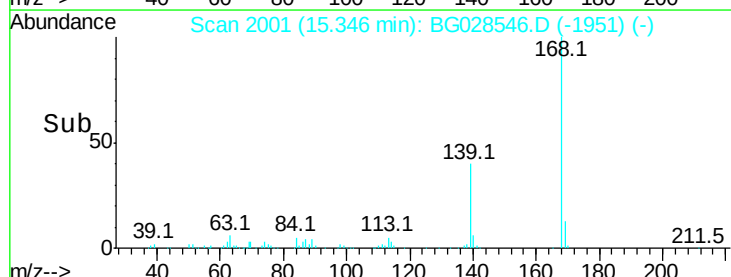
168 100

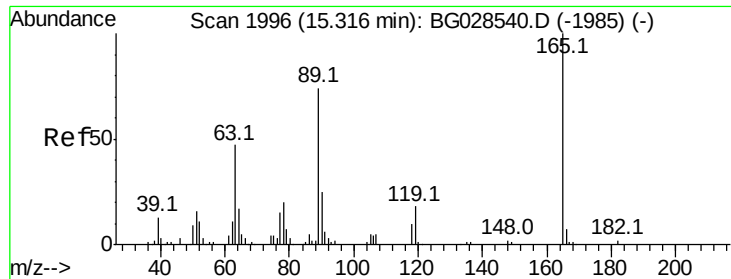
139 39.8 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

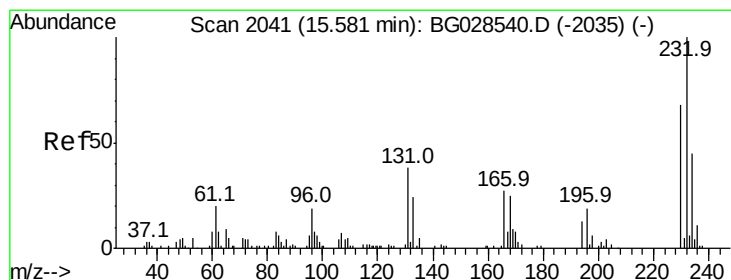
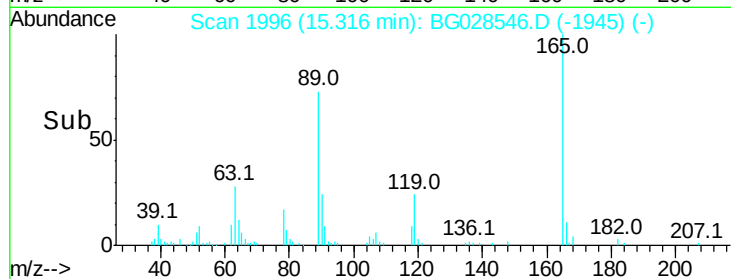
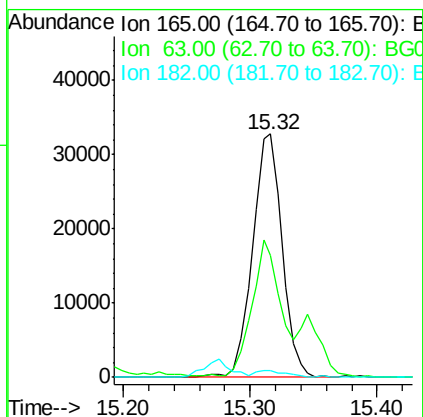
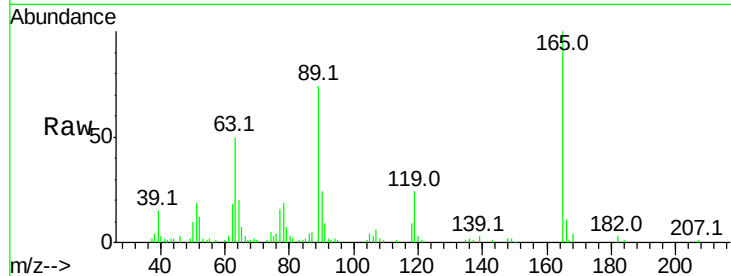




#54  
 2,4-Dinitrotoluene  
 Concen: 20.804 ng/ul  
 RT: 15.32 min Scan# 1996  
 Delta R.T. 0.00 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

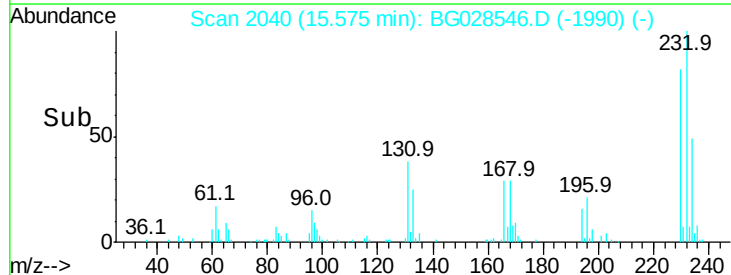
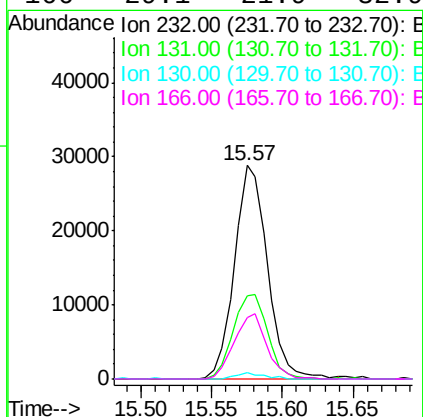
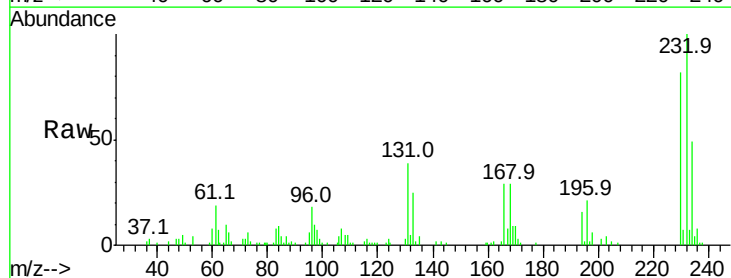
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02093

Tot Ion:165 Resp: 53240  
 Ion Ratio Lower Upper  
 165 100  
 63 50.3 46.8 70.2  
 182 2.7 1.8 2.6#

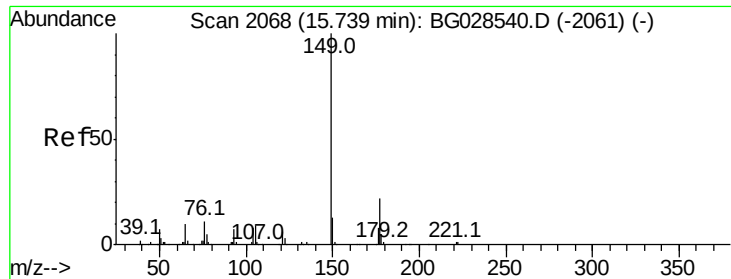


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 23.099 ng/ul  
 RT: 15.57 min Scan# 2040  
 Delta R.T. -0.01 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

Tgt Ion:232 Resp: 47046  
 Ion Ratio Lower Upper  
 232 100  
 131 39.2 33.3 49.9  
 130 2.8 1.8 2.6#  
 166 29.1 21.9 32.9







#56

Diethylphthalate

Concen: 19.324 ng/ul

RT: 15.74 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

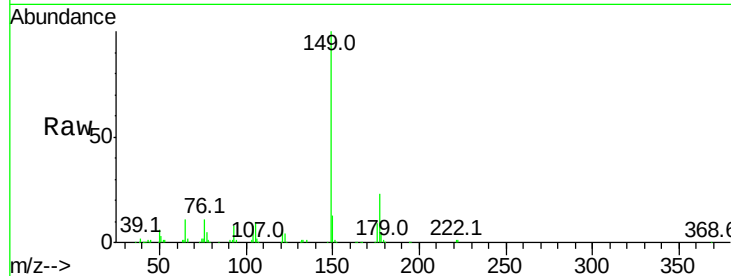
Tot Ion:149 Resp: 185409

Ion Ratio Lower Upper

149 100

177 22.5 17.8 26.8

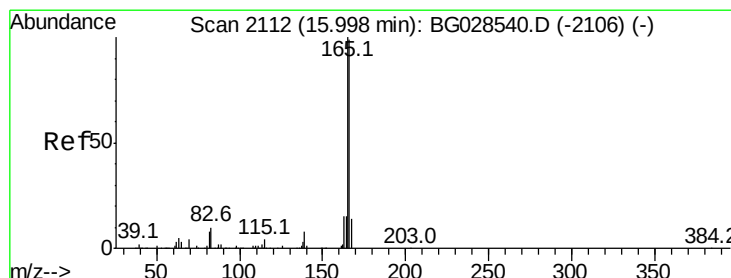
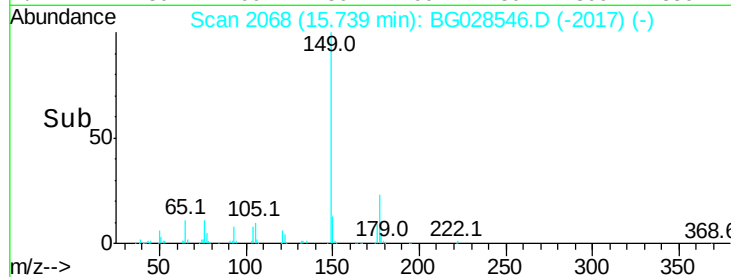
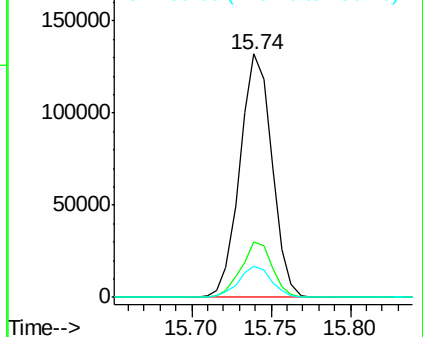
150 12.8 10.2 15.4



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



#58

Fluorene

Concen: 20.393 ng/ul

RT: 16.00 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

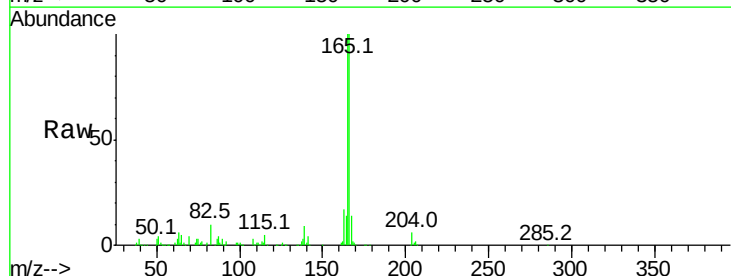
Tgt Ion:166 Resp: 169988

Ion Ratio Lower Upper

166 100

165 100.0 79.7 119.5

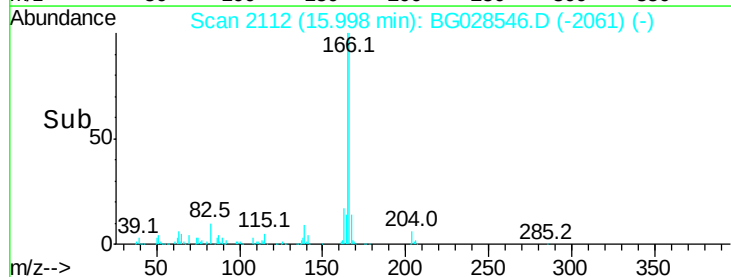
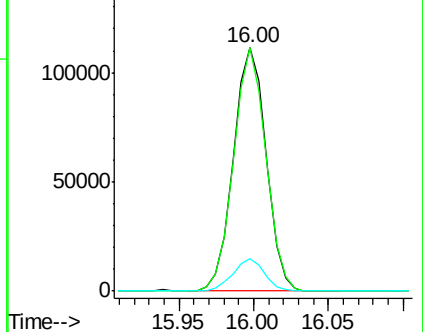
167 13.5 11.4 17.2

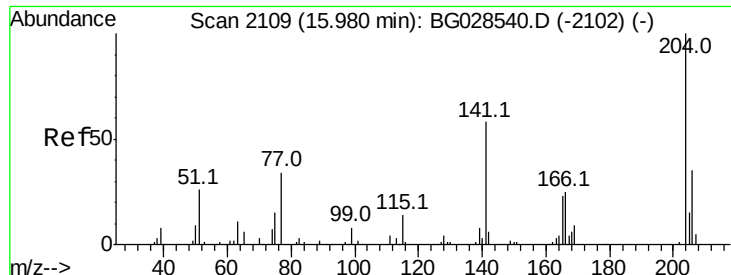


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

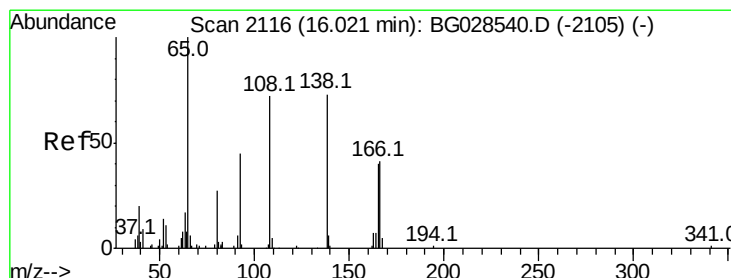
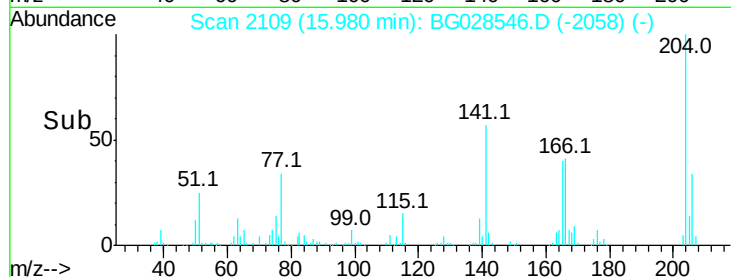
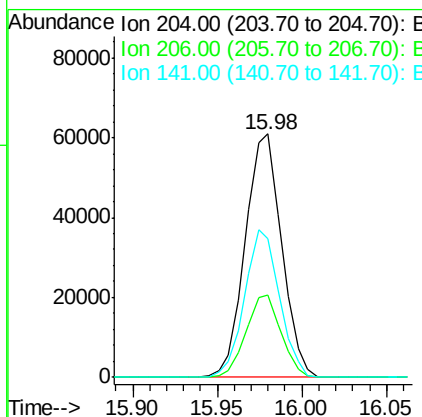
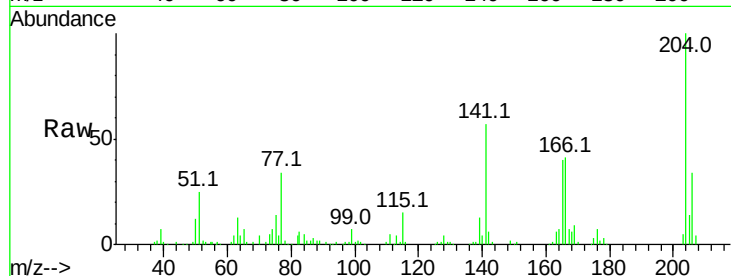




#59  
4-Chlorophenyl-phenylether  
Concen: 20.431 ng/ul  
RT: 15.98 min Scan# 2109  
Delta R.T. 0.00 min  
Lab File: BG028546.D  
Acq: 29 Aug 2017 22:55

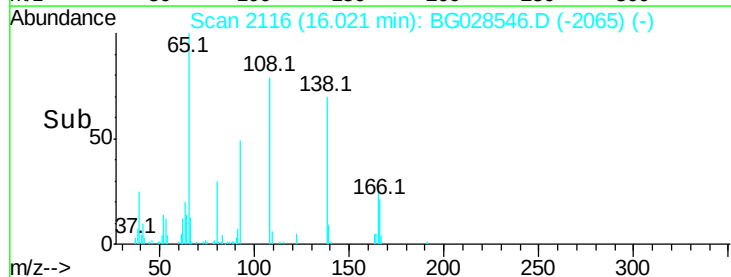
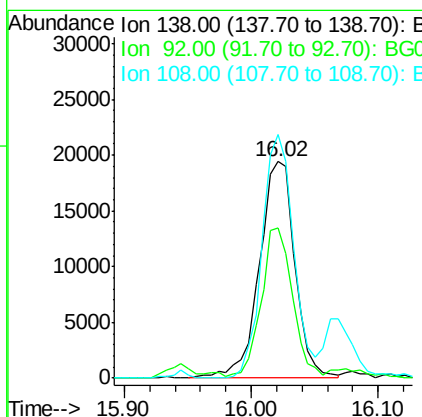
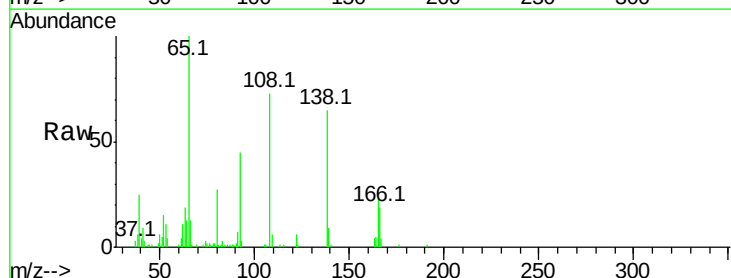
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02093

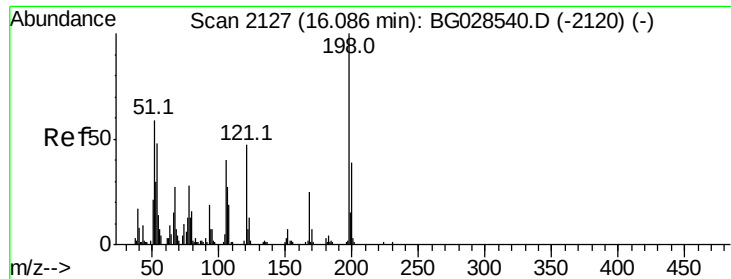
Tot Ion:204 Resp: 91371  
Ion Ratio Lower Upper  
204 100  
206 34.0 32.3 48.5  
141 57.1 57.5 86.3#



#60  
4-Nitroaniline  
Concen: 21.032 ng/ul  
RT: 16.02 min Scan# 2116  
Delta R.T. 0.00 min  
Lab File: BG028546.D  
Acq: 29 Aug 2017 22:55

Tgt Ion:138 Resp: 37941  
Ion Ratio Lower Upper  
138 100  
92 69.3 56.9 85.3  
108 112.5 104.9 157.3

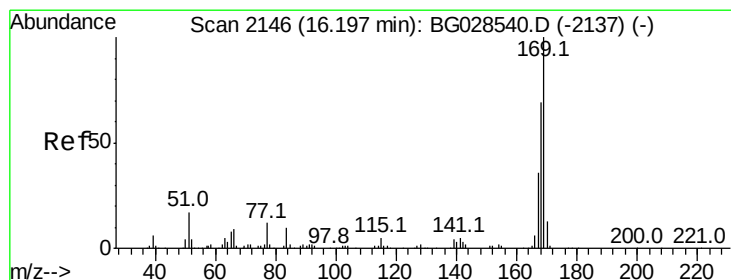
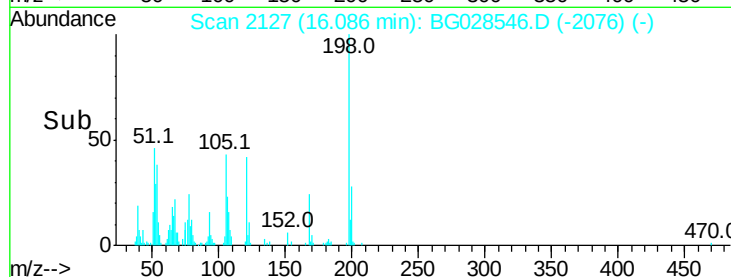
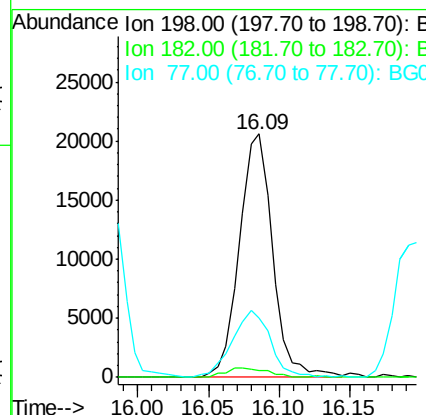
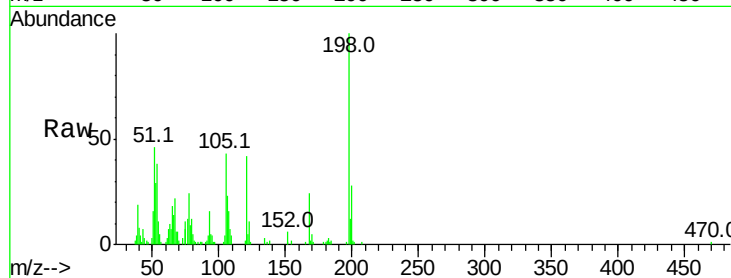




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 19.480 ng/ul  
 RT: 16.09 min Scan# 2127  
 Delta R.T. 0.00 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

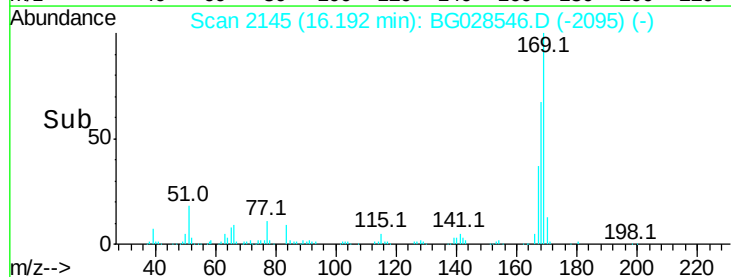
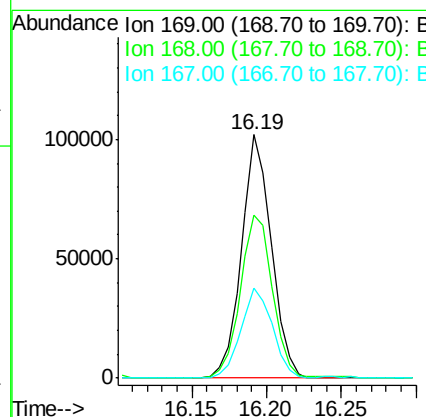
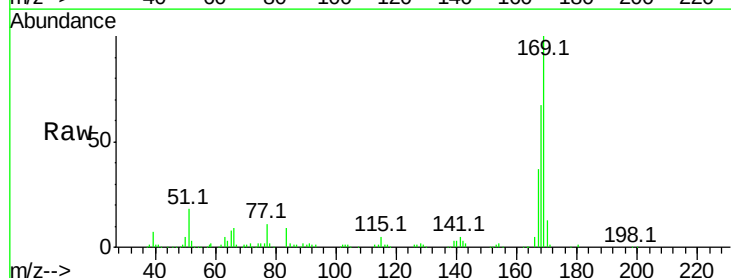
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02093

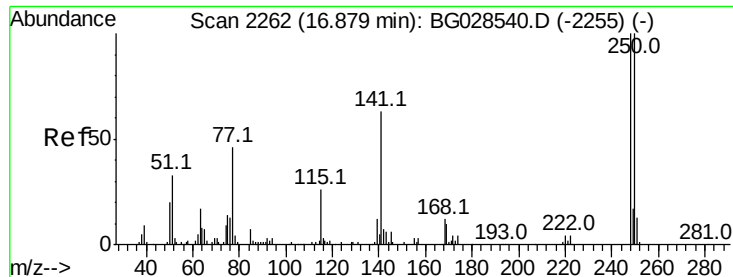
Tot Ion:198 Resp: 33945  
 Ion Ratio Lower Upper  
 198 100  
 182 2.6 5.8 6.4#  
 77 24.3 22.1 33.9



#64  
 N-Nitrosodiphenylamine  
 Concen: 20.355 ng/ul  
 RT: 16.19 min Scan# 2145  
 Delta R.T. -0.01 min  
 Lab File: BG028546.D  
 Acq: 29 Aug 2017 22:55

Tgt Ion:169 Resp: 141663  
 Ion Ratio Lower Upper  
 169 100  
 168 67.1 59.1 88.7  
 167 37.0 29.7 44.5





#65

4-Bromophenyl-phenylether

Concen: 22.019 ng/ul

RT: 16.87 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

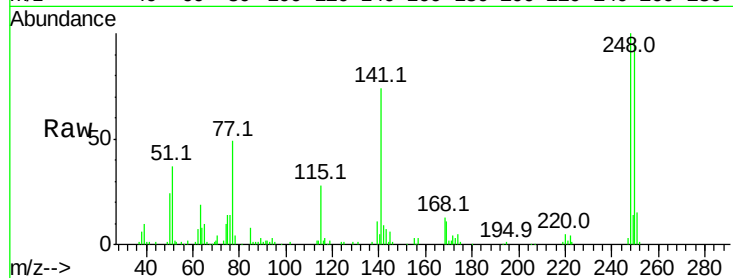
Tot Ion:248 Resp: 62606

Ion Ratio Lower Upper

248 100

250 95.2 71.9 107.9

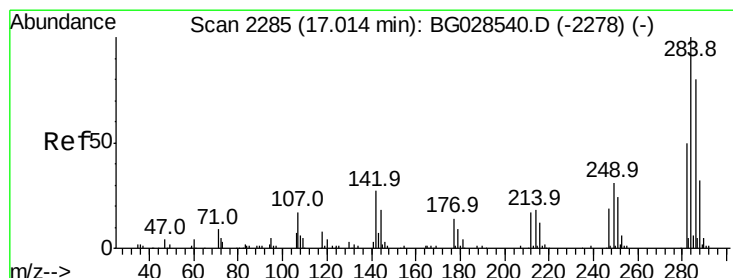
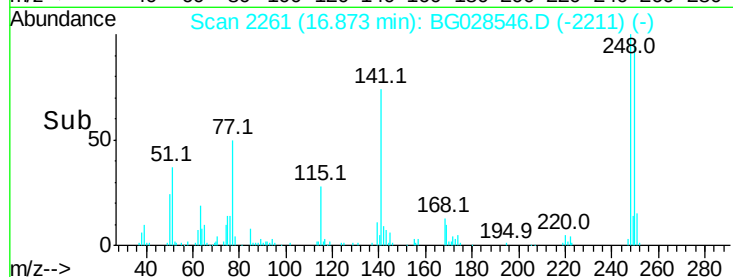
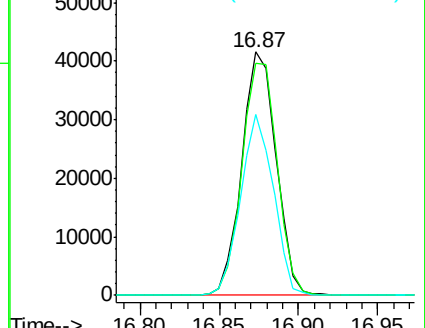
141 74.3 53.8 80.8



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



#66

Hexachlorobenzene

Concen: 23.091 ng/ul

RT: 17.01 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

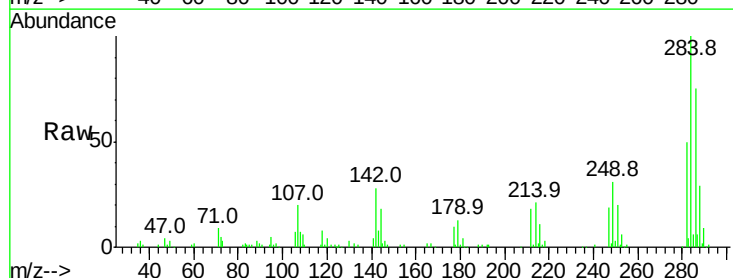
Tgt Ion:284 Resp: 69893

Ion Ratio Lower Upper

284 100

142 28.2 26.1 39.1

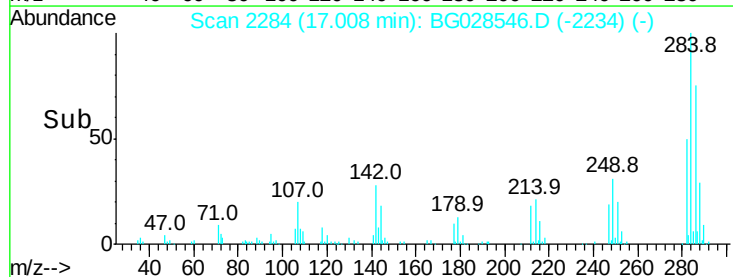
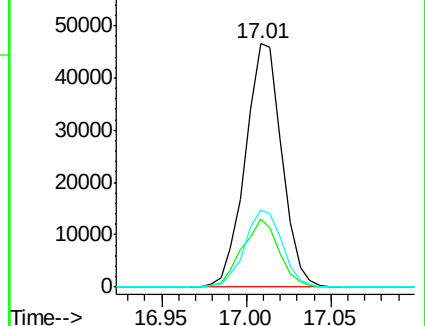
249 31.5 25.9 38.9

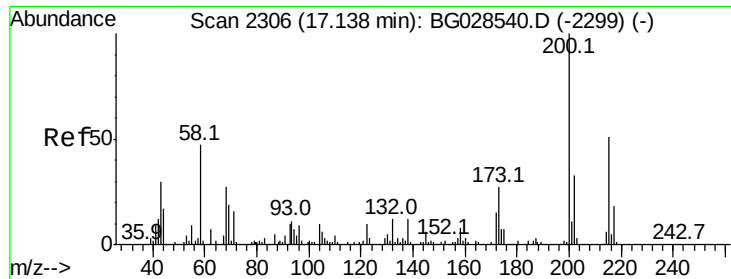


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#67

Atrazine

Concen: 22.096 ng/ul

RT: 17.13 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

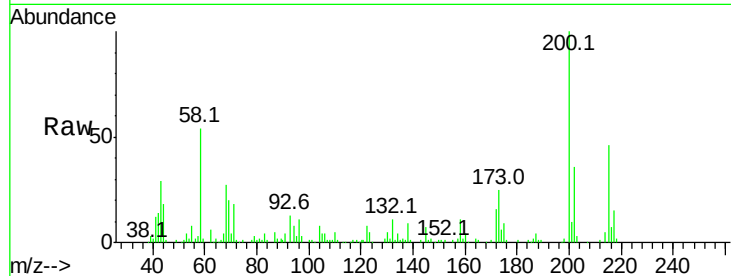
Tot Ion:200 Resp: 67047

Ion Ratio Lower Upper

200 100

173 24.9 19.2 28.8

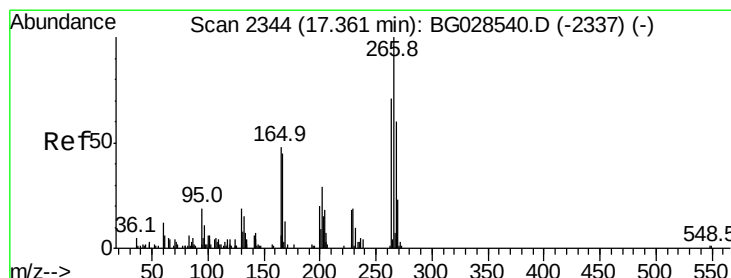
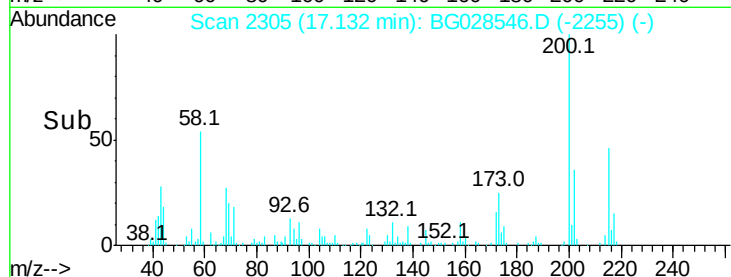
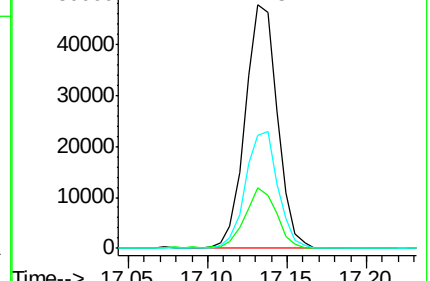
215 46.3 40.3 60.5



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



#68

Pentachlorophenol

Concen: 18.292 ng/ul

RT: 17.35 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

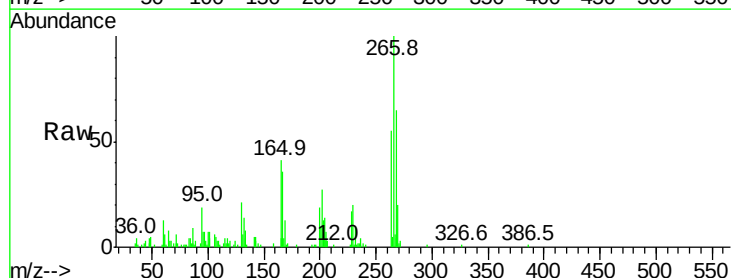
Tgt Ion:266 Resp: 28045

Ion Ratio Lower Upper

266 100

264 55.1 47.1 70.7

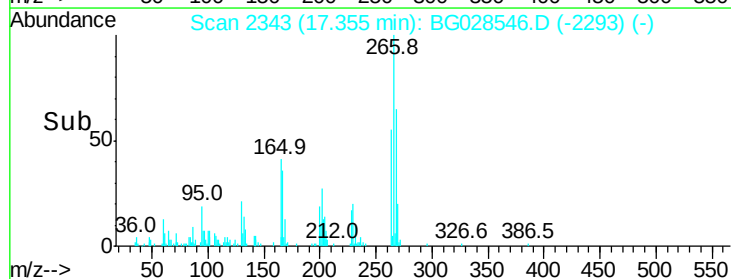
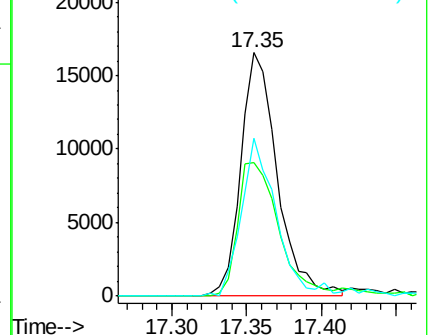
268 64.6 56.2 84.4

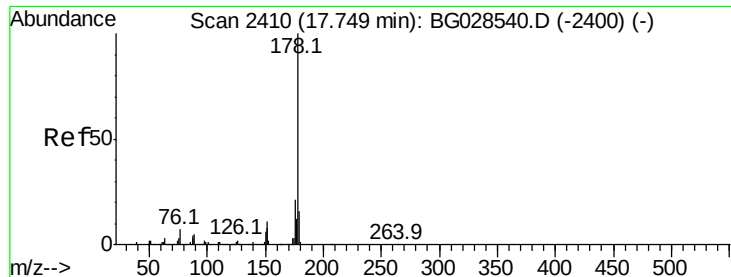


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.653 ng/ul

RT: 17.75 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

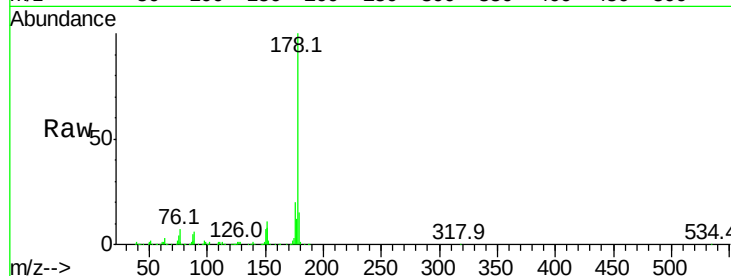
Tot Ion:178 Resp: 274958

Ion Ratio Lower Upper

178 100

179 14.7 12.4 18.6

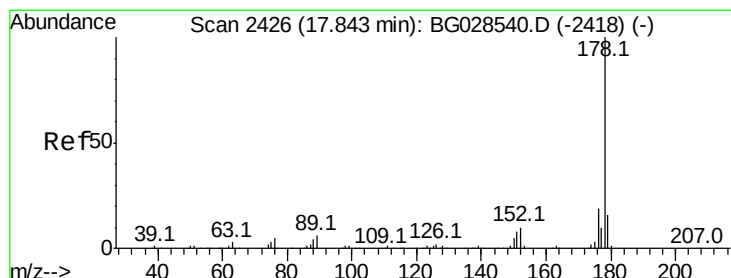
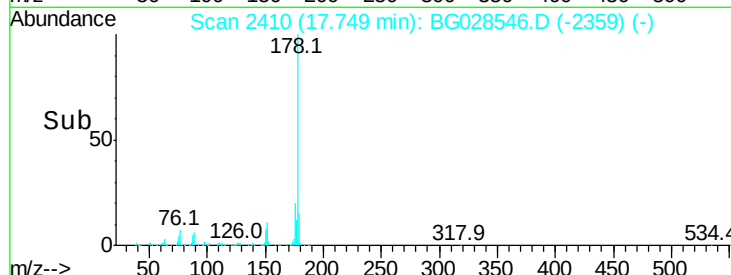
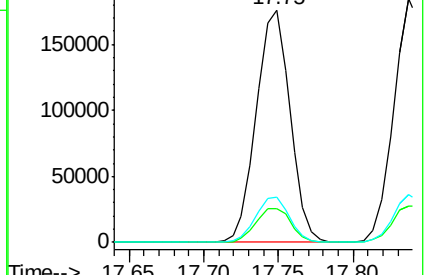
176 19.5 16.5 24.7



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



#71

Anthracene

Concen: 21.030 ng/ul

RT: 17.84 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

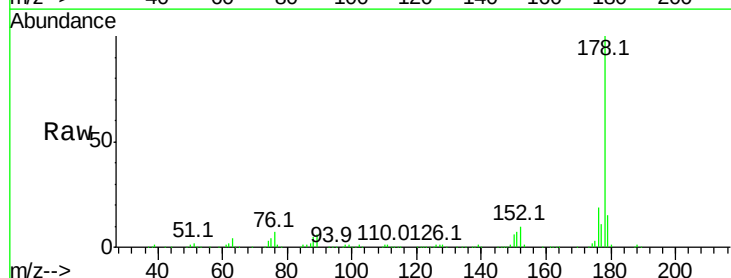
Tgt Ion:178 Resp: 286142

Ion Ratio Lower Upper

178 100

179 15.0 12.6 19.0

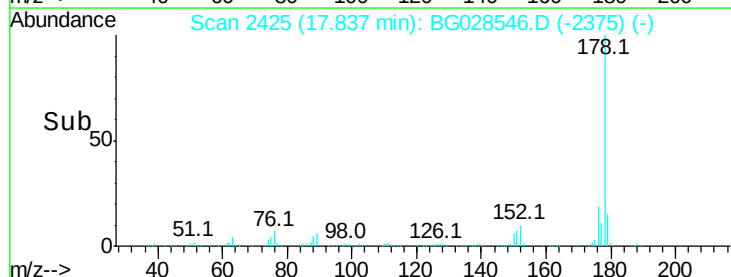
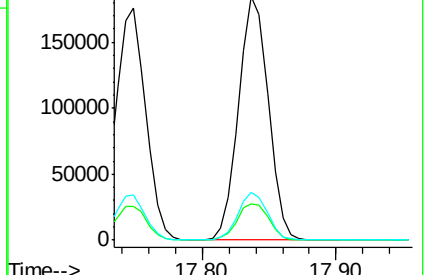
176 19.5 15.9 23.9

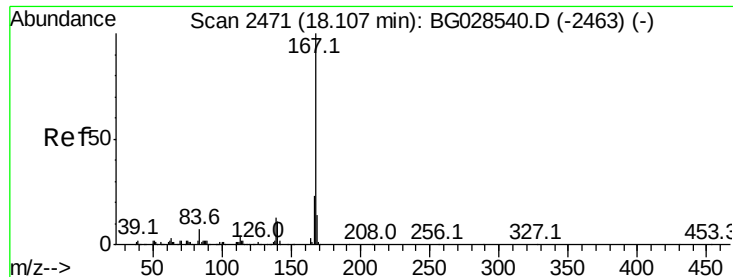


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 21.124 ng/ul

RT: 18.11 min Scan# 2471

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

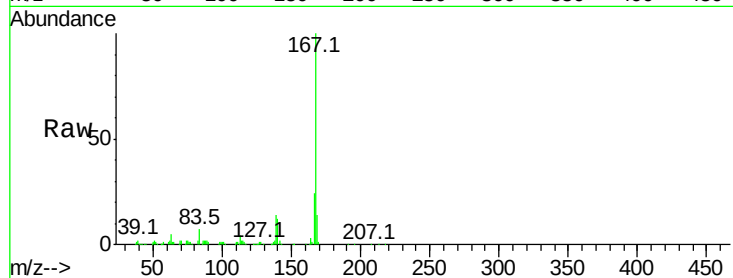
BNA\_G

ClientSampleId :

SSTD02093

Tot Ion:167 Resp: 249966

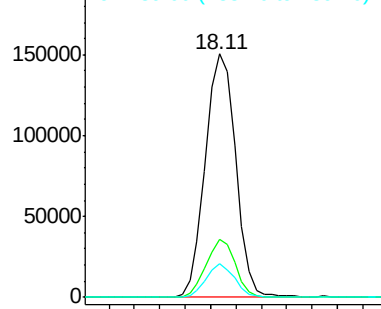
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 24.0  | 17.9  | 26.9  |
| 139 | 13.8  | 10.5  | 15.7  |



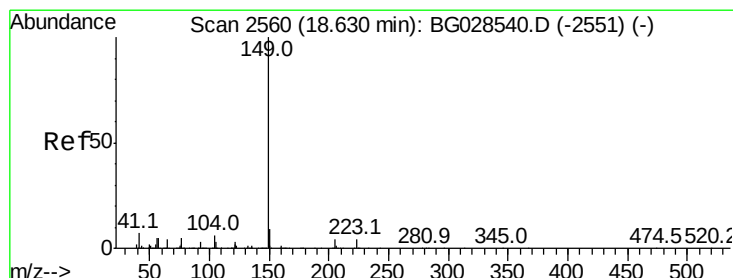
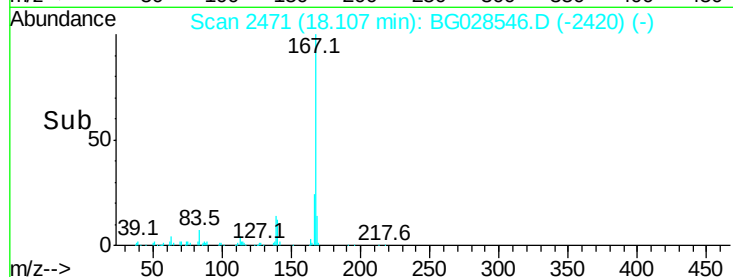
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 21.518 ng/ul

RT: 18.63 min Scan# 2560

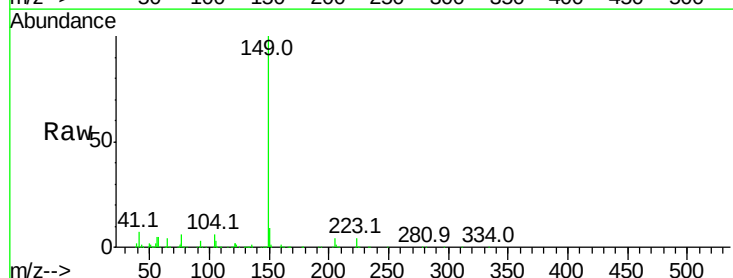
Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Tgt Ion:149 Resp: 316984

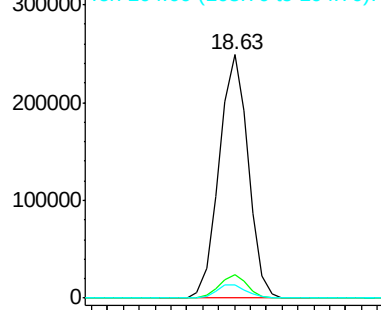
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.9   | 11.9  |
| 104 | 5.6   | 5.8   | 8.8#  |



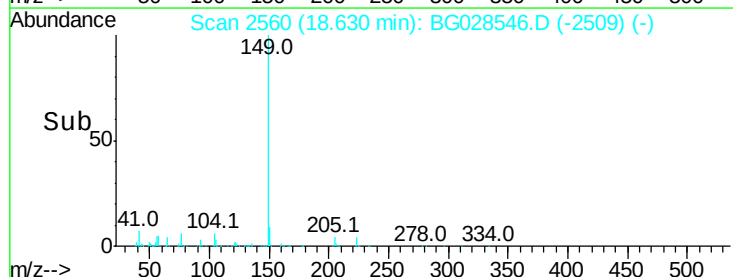
Abundance Ion 149.00 (148.70 to 149.70): E

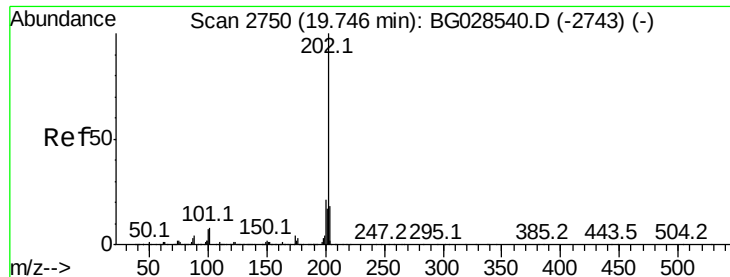
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#74

Fluoranthene

Concen: 21.173 ng/ul

RT: 19.75 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

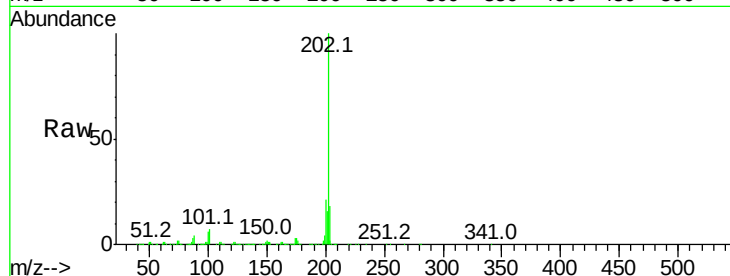
Tot Ion:202 Resp: 342565

Ion Ratio Lower Upper

202 100

101 7.1 6.2 9.2

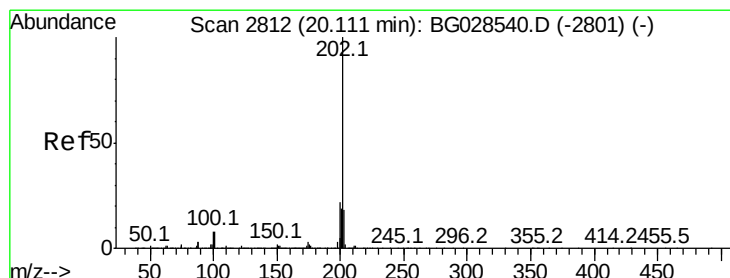
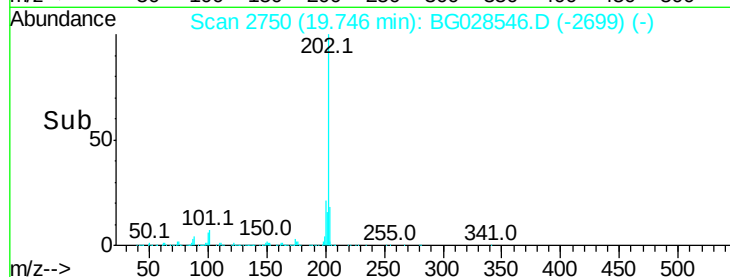
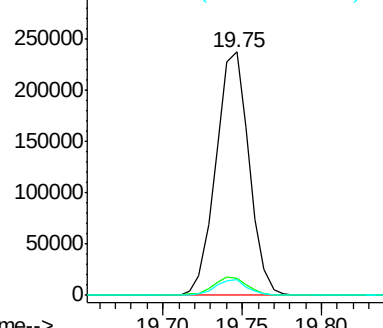
100 6.3 5.2 7.8



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



#77

Pyrene

Concen: 19.327 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

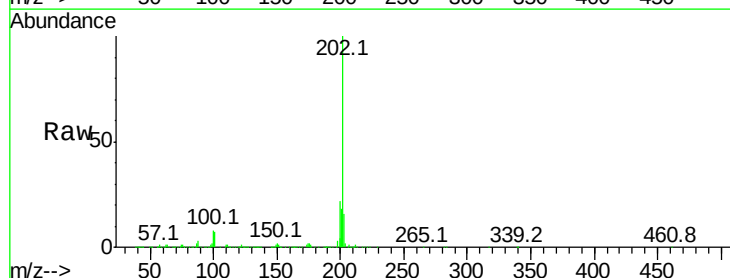
Tgt Ion:202 Resp: 356891

Ion Ratio Lower Upper

202 100

101 7.1 6.9 10.3

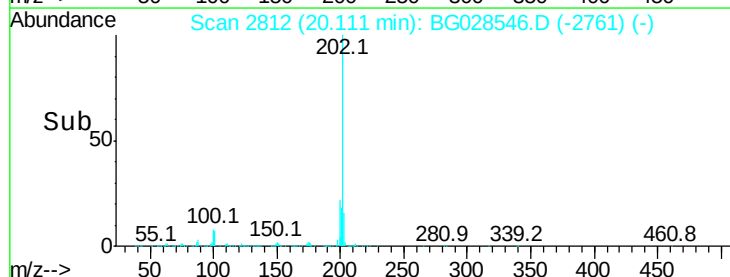
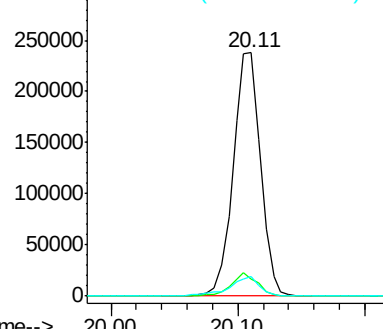
100 7.9 6.6 10.0



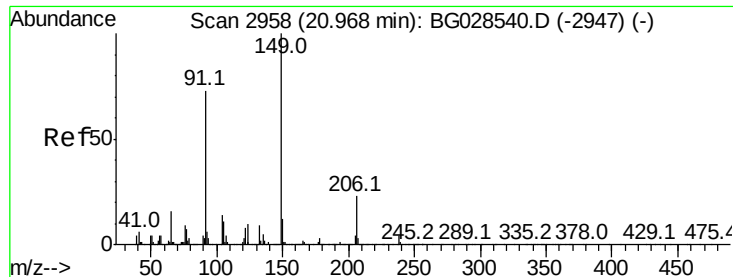
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B







#78

Butylbenzylphthalate

Concen: 20.551 ng/ul

RT: 20.97 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

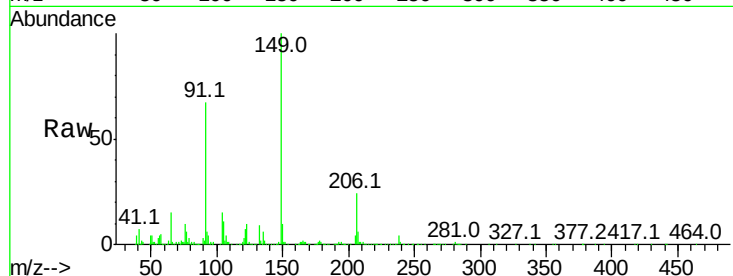
Tot Ion:149 Resp: 142171

Ion Ratio Lower Upper

149 100

91 67.3 65.8 98.6

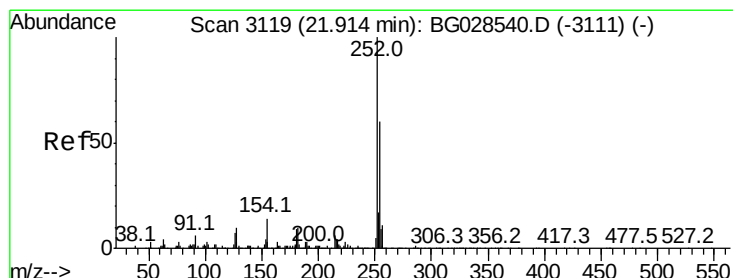
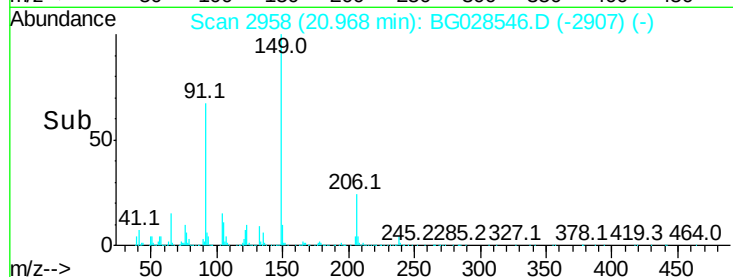
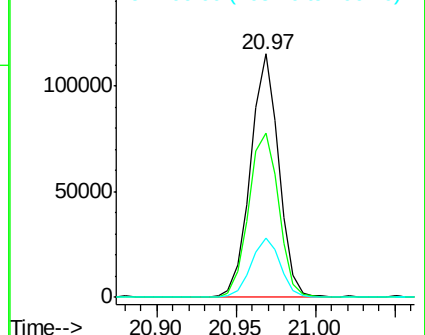
206 24.4 20.1 30.1



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



#79

3,3'-Dichlorobenzidine

Concen: 23.124 ng/ul

RT: 21.91 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

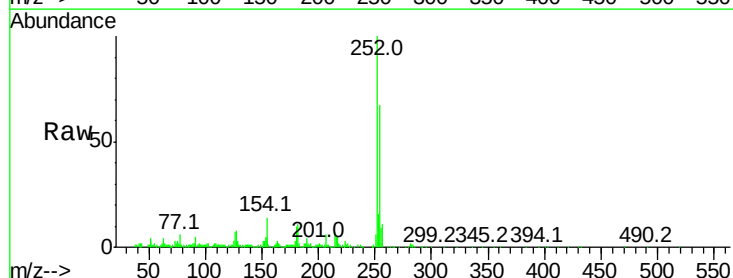
Tgt Ion:252 Resp: 138086

Ion Ratio Lower Upper

252 100

254 66.7 49.0 73.6

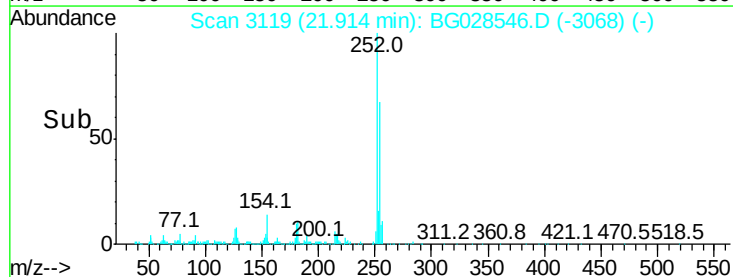
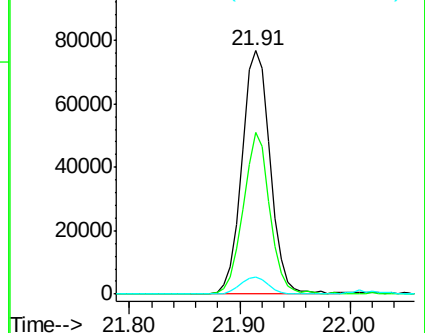
126 7.2 5.1 7.7

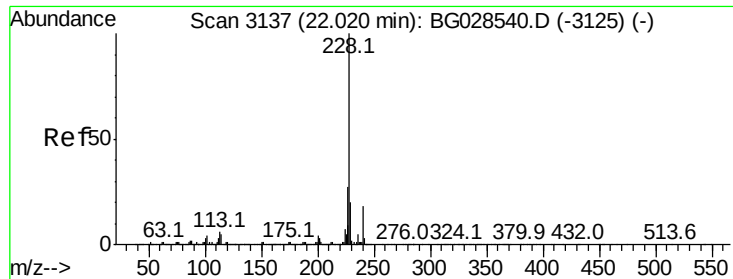


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 20.435 ng/ul

RT: 22.01 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

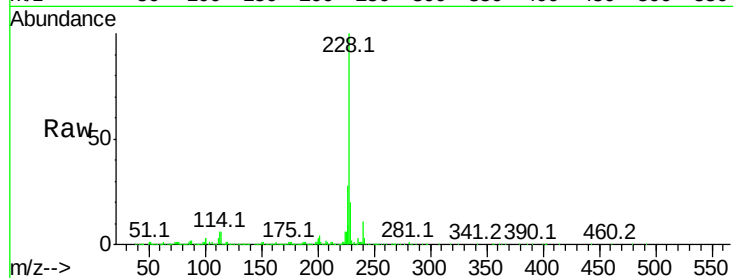
Tot Ion:228 Resp: 365460

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.5  | 16.3  | 24.5  |
| 226 | 27.6  | 21.9  | 32.9  |

228 100

229 19.5 16.3 24.5

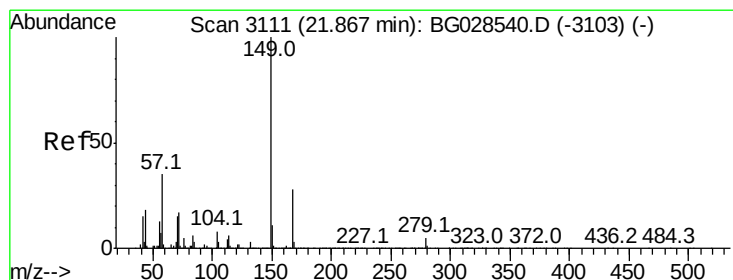
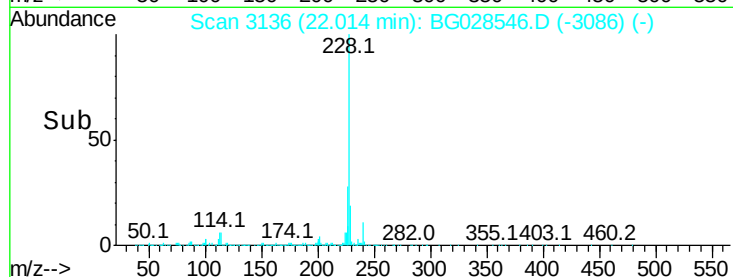
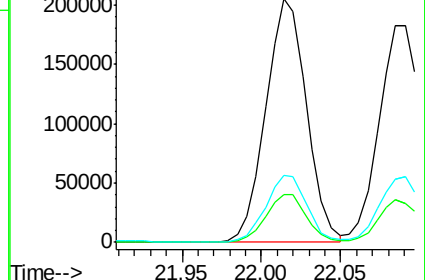
226 27.6 21.9 32.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.130 ng/ul

RT: 21.87 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

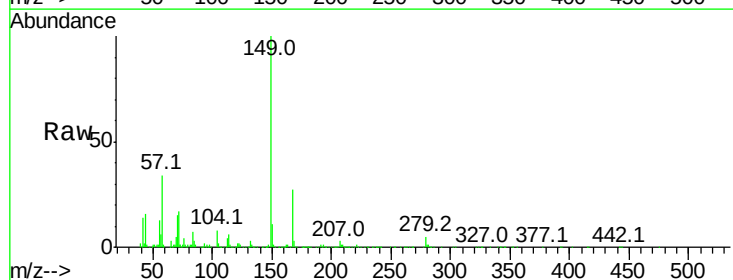
Tgt Ion:149 Resp: 198048

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.5  | 21.8  | 32.8  |
| 279 | 5.1   | 4.5   | 6.7   |

149 100

167 27.5 21.8 32.8

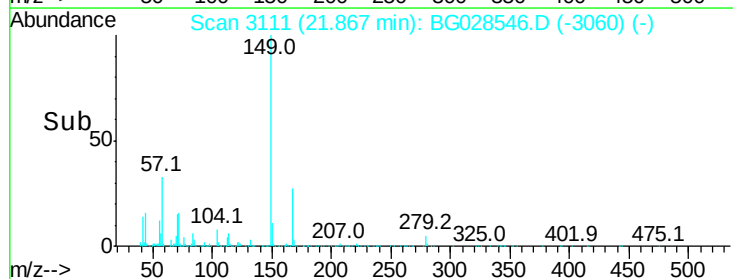
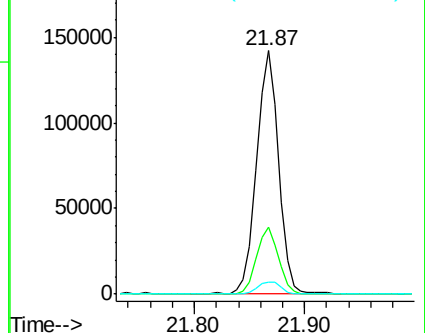
279 5.1 4.5 6.7

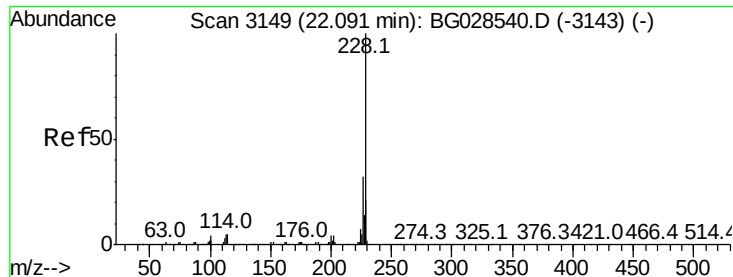


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.705 ng/ul

RT: 22.08 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

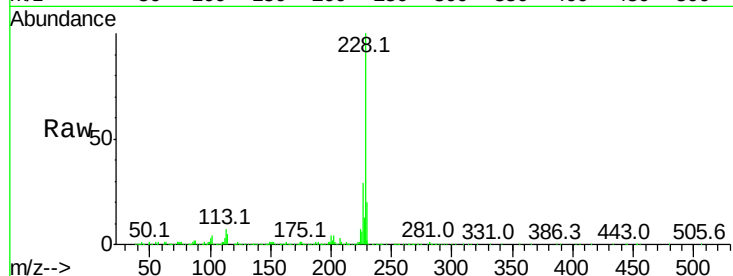
Tot Ion:228 Resp: 333489

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

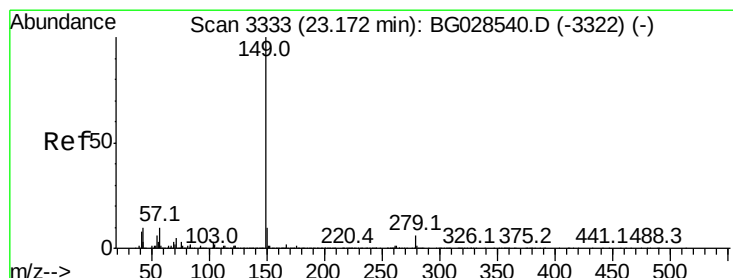
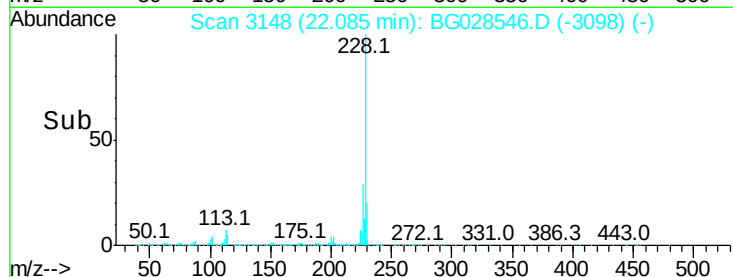
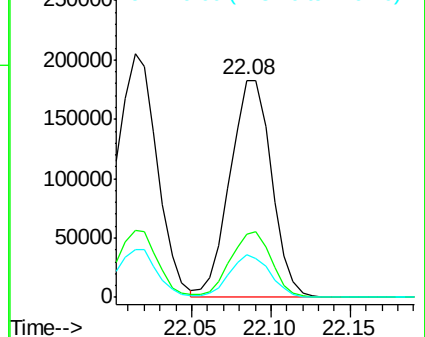
229 19.9 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 18.816 ng/ul

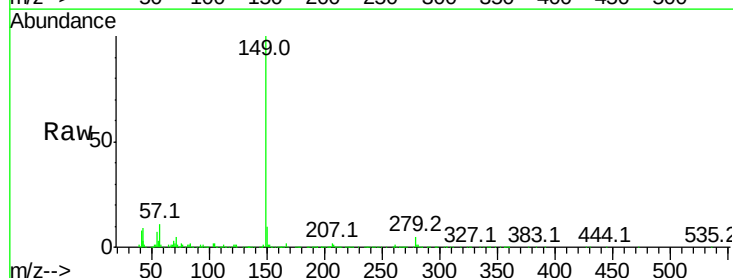
RT: 23.17 min Scan# 3333

Delta R.T. 0.00 min

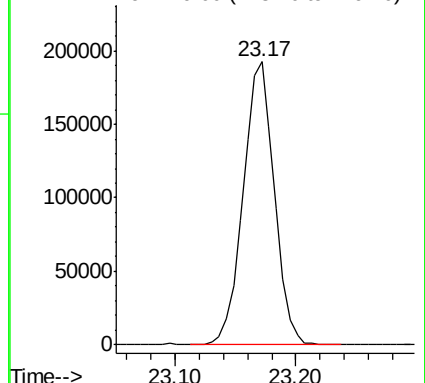
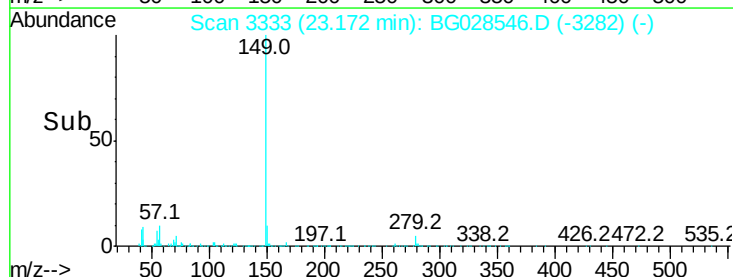
Lab File: BG028546.D

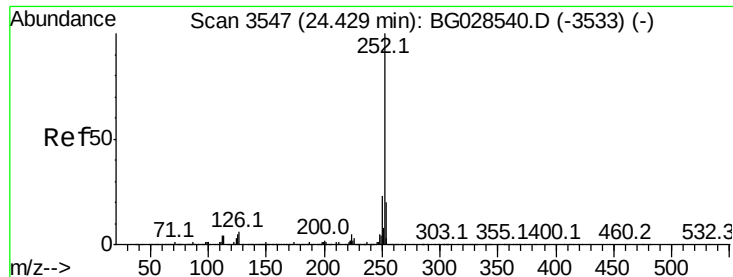
Acq: 29 Aug 2017 22:55

Tgt Ion:149 Resp: 343390



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 19.590 ng/ul

RT: 24.43 min Scan# 3547

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

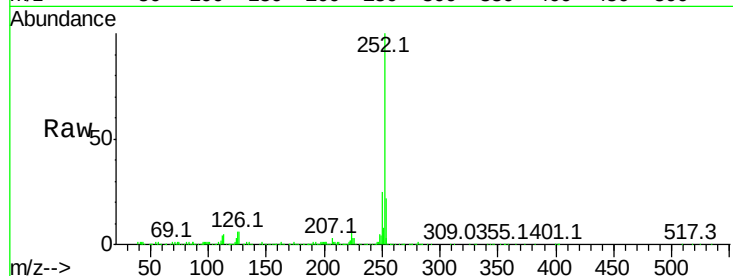
Tot Ion:252 Resp: 357000

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

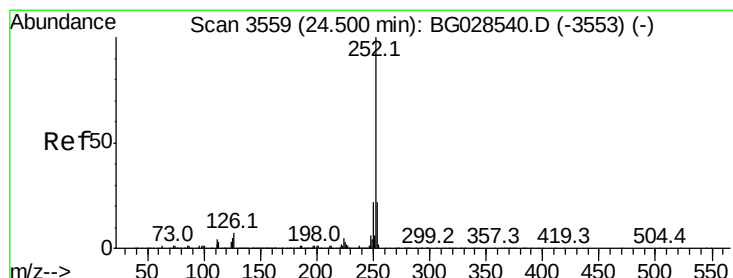
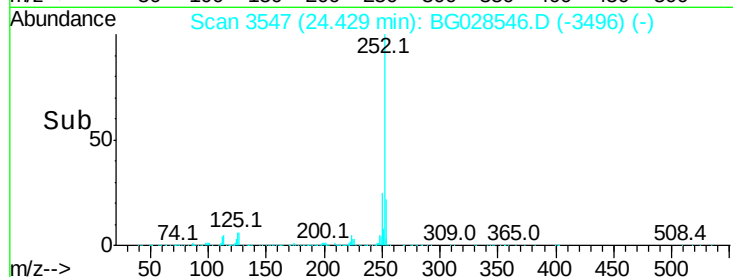
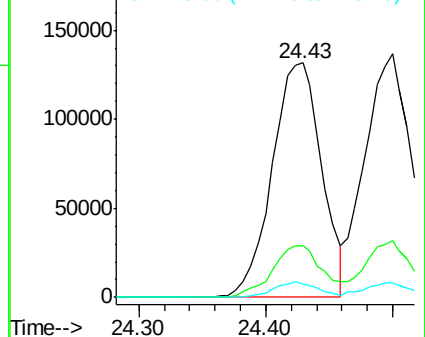
125 5.8 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 19.976 ng/ul

RT: 24.50 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

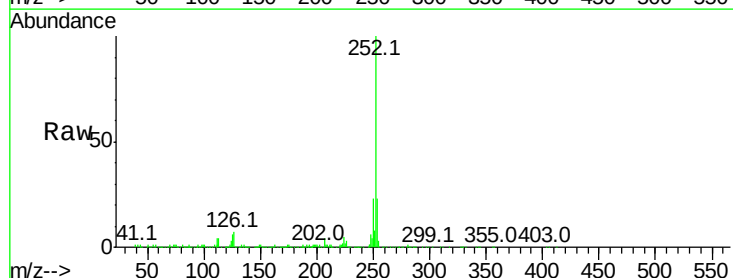
Tgt Ion:252 Resp: 355592

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

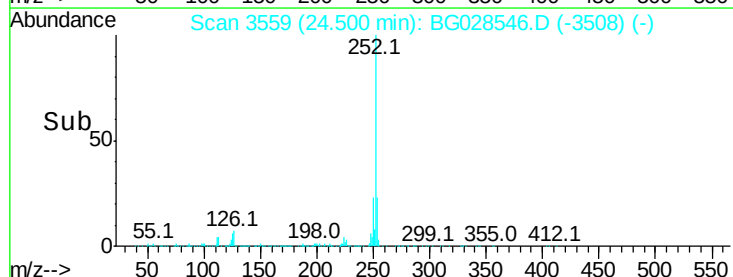
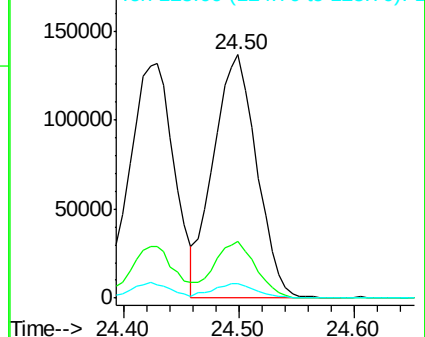
125 5.8 4.1 6.1

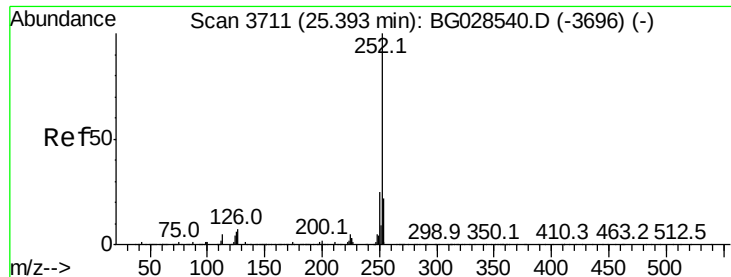


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.923 ng/ul

RT: 25.38 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

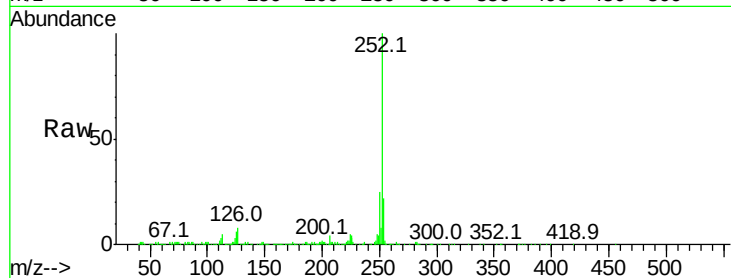
Tot Ion:252 Resp: 351537

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.8  | 26.6  |
| 125 | 6.2   | 5.4   | 8.0   |

252 100

253 22.1 17.8 26.6

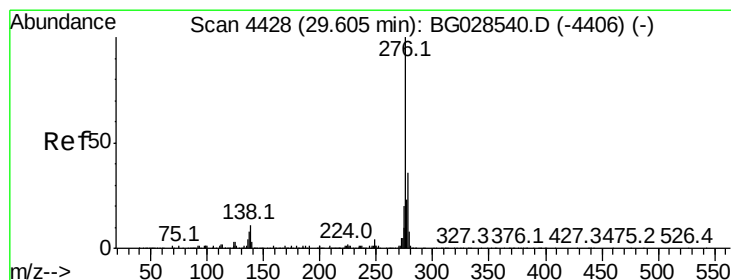
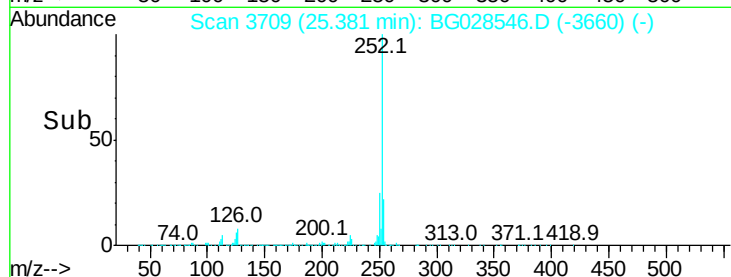
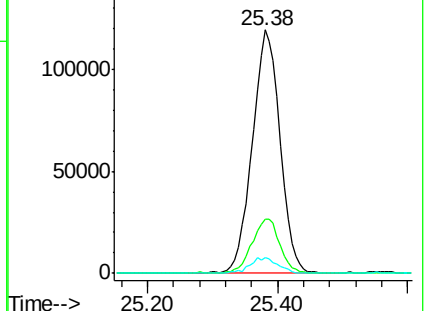
125 6.2 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.731 ng/ul

RT: 29.59 min Scan# 4425

Delta R.T. -0.02 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

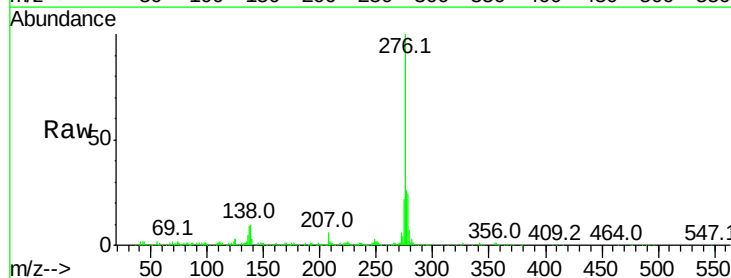
Tgt Ion:276 Resp: 428355

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 9.9   | 8.2   | 12.4  |
| 277 | 25.7  | 18.6  | 28.0  |

276 100

138 9.9 8.2 12.4

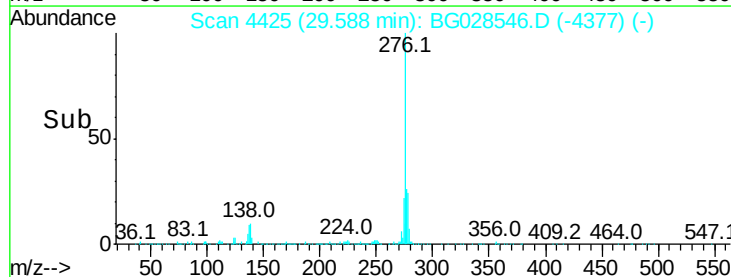
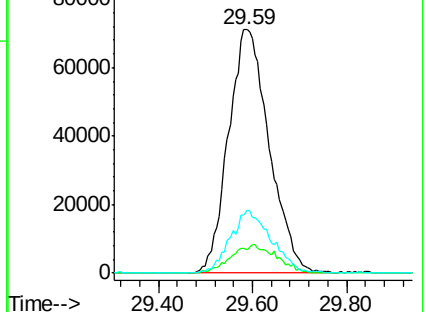
277 25.7 18.6 28.0

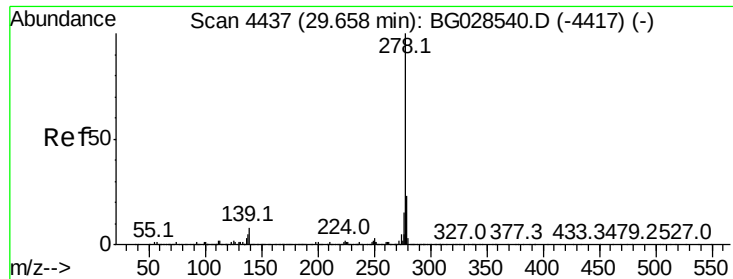


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 20.751 ng/ul

RT: 29.65 min Scan# 4436

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02093

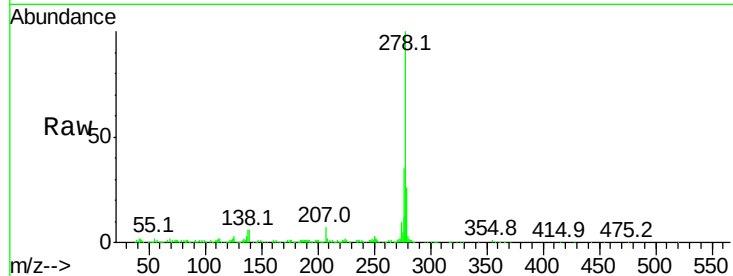
Tot Ion:278 Resp: 359386

Ion Ratio Lower Upper

278 100

139 6.4 6.7 10.1#

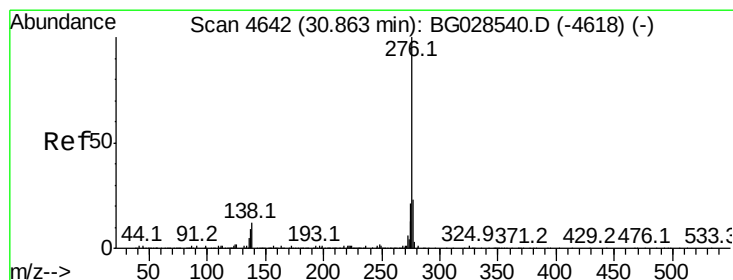
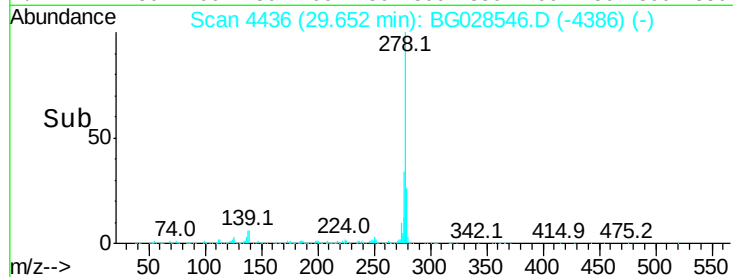
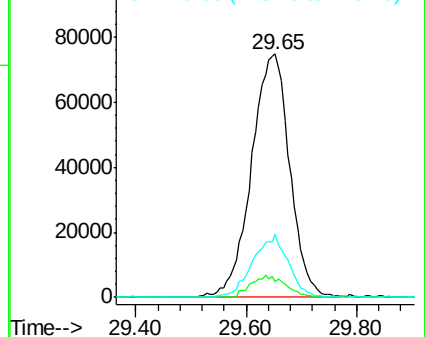
279 26.0 20.9 31.3



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



#91

Benzo(g,h,i)perylene

Concen: 20.705 ng/ul

RT: 30.86 min Scan# 4641

Delta R.T. -0.01 min

Lab File: BG028546.D

Acq: 29 Aug 2017 22:55

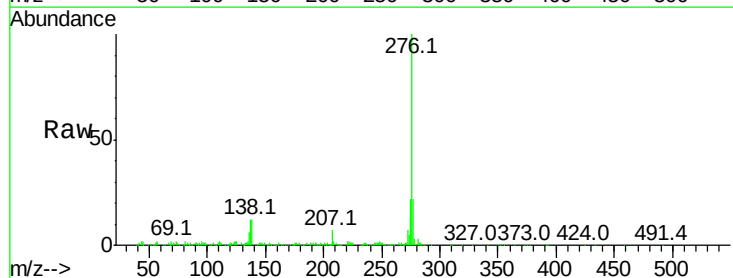
Tgt Ion:276 Resp: 351966

Ion Ratio Lower Upper

276 100

138 12.5 8.6 12.8

277 22.2 17.6 26.4



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

