

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\  
 Data File : BG028247.D  
 Acq On : 10 Aug 2017 5:01  
 Operator : SJ/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02058

Quant Time: Aug 10 07:19:31 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 10 04:16:43 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 47545    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.17 | 136  | 204278   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.96 | 164  | 139612   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.71 | 188  | 342940   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.04 | 240  | 384334   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.54 | 264  | 367264   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.85  | 96  | 8758   | 8.58  | ng/uL | 0.01 |
| 5) Phenol-d5                   | 7.50  | 99  | 90212  | 17.28 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67  | 58639  | 17.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.89  | 132 | 61458  | 18.66 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 72633  | 16.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.52  | 128 | 31934  | 19.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.24 | 143 | 36900  | 21.07 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.78 | 165 | 72980  | 20.14 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.30 | 131 | 87796  | 21.77 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.35 | 166 | 244670 | 19.70 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.66 | 160 | 283203 | 20.23 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.14 | 143 | 34506  | 17.48 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.95 | 176 | 212071 | 19.04 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 44732  | 20.08 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.81 | 188 | 326306 | 19.84 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.08 | 212 | 372207 | 18.89 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.30 | 264 | 335107 | 19.49 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        | Ovalue |           |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.88  | 88  | 9178   | 8.559  | ng/uL# 72 |
| 4) Benzaldehyde                | 7.49  | 77  | 58369  | 19.342 | ng/ul 90  |
| 6) Phenol                      | 7.53  | 94  | 90067  | 17.356 | ng/ul 91  |
| 8) Bis(2-Chloroethyl)ether     | 7.76  | 93  | 65220  | 18.449 | ng/ul 90  |
| 10) 2-Chlorophenol             | 7.92  | 128 | 59958  | 18.678 | ng/ul 98  |
| 11) 2-Methylphenol             | 8.79  | 108 | 63423  | 17.314 | ng/ul 96  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.88  | 45  | 140391 | 16.360 | ng/ul# 94 |
| 14) Acetophenone               | 9.17  | 105 | 104586 | 16.803 | ng/ul 94  |
| 15) N-Nitroso-di-n-propylamine | 9.15  | 70  | 62859  | 17.770 | ng/ul# 93 |
| 16) 4-Methylphenol             | 9.11  | 108 | 69814  | 16.879 | ng/ul 96  |
| 17) Hexachloroethane           | 9.45  | 117 | 25728  | 19.341 | ng/ul 91  |
| 20) Nitrobenzene               | 9.56  | 77  | 90325  | 19.534 | ng/ul 98  |
| 21) Isophorone                 | 10.08 | 82  | 169405 | 19.283 | ng/ul 98  |
| 23) 2-Nitrophenol              | 10.28 | 139 | 36838  | 20.835 | ng/ul# 86 |
| 24) 2,4-Dimethylphenol         | 10.32 | 107 | 86549  | 19.694 | ng/ul# 91 |
| 25) Bis(2-Chloroethoxy)methane | 10.56 | 93  | 92863  | 19.406 | ng/ul# 96 |
| 27) 2,4-Dichlorophenol         | 10.81 | 162 | 66462  | 20.148 | ng/ul 94  |
| 28) Naphthalene                | 11.23 | 128 | 199736 | 19.742 | ng/ul 97  |
| 30) 4-Chloroaniline            | 11.33 | 127 | 80567  | 20.606 | ng/ul 93  |
| 31) Hexachlorobutadiene        | 11.50 | 225 | 52048  | 21.376 | ng/ul 89  |
| 32) Caprolactam                | 12.07 | 113 | 25402  | 18.519 | ng/ul 83  |
| 33) 4-Chloro-3-methylphenol    | 12.42 | 107 | 80842  | 19.200 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.81 | 142 | 155950 | 19.190 | ng/ul 92  |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\  
 Data File : BG028247.D  
 Acq On : 10 Aug 2017 5:01  
 Operator : SJ/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

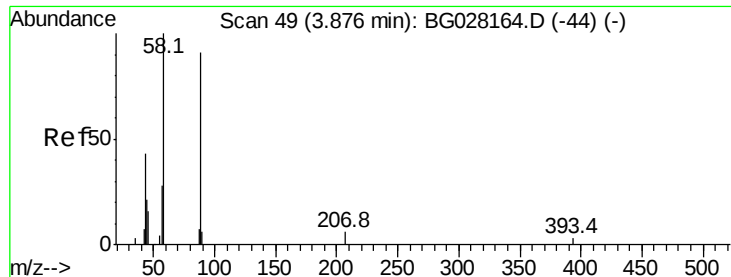
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02058

Quant Time: Aug 10 07:19:31 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 10 04:16:43 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.16 | 216  | 95232    | 21.162 | ng/ul  | 99       |
| 37) Hexachlorocyclopentadiene  | 13.14 | 237  | 50644    | 20.396 | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 13.40 | 196  | 61630    | 21.973 | ng/ul  | 92       |
| 39) 2,4,5-Trichlorophenol      | 13.48 | 196  | 66952    | 21.900 | ng/ul  | 93       |
| 40) 1,1'-Biphenyl              | 13.79 | 154  | 208499   | 20.448 | ng/ul  | 94       |
| 41) 2-Chloronaphthalene        | 13.85 | 162  | 161074   | 19.989 | ng/ul  | 94       |
| 42) 2-Nitroaniline             | 14.04 | 65   | 66283    | 19.619 | ng/ul  | 98       |
| 44) Dimethylphthalate          | 14.39 | 163  | 220631   | 19.297 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.53 | 165  | 46608    | 19.744 | ng/ul# | 95       |
| 47) Acenaphthylene             | 14.69 | 152  | 265776   | 19.864 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.86 | 138  | 41267    | 19.414 | ng/ul# | 86       |
| 49) Acenaphthene               | 15.02 | 153  | 178317   | 19.753 | ng/ul  | 96       |
| 50) 2,4-Dinitrophenol          | 15.07 | 184  | 25134    | 18.897 | ng/ul  | 90       |
| 52) 4-Nitrophenol              | 15.16 | 109  | 37533    | 18.347 | ng/ul# | 76       |
| 53) Dibenzofuran               | 15.36 | 168  | 258276   | 19.623 | ng/ul  | 98       |
| 54) 2,4-Dinitrotoluene         | 15.31 | 165  | 70491    | 19.704 | ng/ul# | 81       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.58 | 232  | 60495    | 21.247 | ng/ul# | 93       |
| 56) Diethylphthalate           | 15.75 | 149  | 245469   | 18.301 | ng/ul  | 98       |
| 58) Fluorene                   | 16.00 | 166  | 220809   | 18.949 | ng/ul  | 96       |
| 59) 4-Chlorophenyl-phenylether | 15.98 | 204  | 121481   | 19.431 | ng/ul  | 89       |
| 60) 4-Nitroaniline             | 16.02 | 138  | 44796    | 17.763 | ng/ul# | 80       |
| 63) 4,6-Dinitro-2-methylphenol | 16.07 | 198  | 44329    | 19.624 | ng/ul# | 98       |
| 64) N-Nitrosodiphenylamine     | 16.20 | 169  | 183847   | 20.377 | ng/ul  | 96       |
| 65) 4-Bromophenyl-phenylether  | 16.88 | 248  | 77751    | 21.094 | ng/ul  | 99       |
| 66) Hexachlorobenzene          | 17.01 | 284  | 81130    | 20.676 | ng/ul  | 97       |
| 67) Atrazine                   | 17.14 | 200  | 76023    | 19.327 | ng/ul  | 97       |
| 68) Pentachlorophenol          | 17.35 | 266  | 39779    | 20.015 | ng/ul  | 89       |
| 69) Phenanthrene               | 17.75 | 178  | 343708   | 19.915 | ng/ul  | 97       |
| 71) Anthracene                 | 17.84 | 178  | 359290   | 20.369 | ng/ul  | 99       |
| 72) Carbazole                  | 18.11 | 167  | 304683   | 19.861 | ng/ul  | 98       |
| 73) Di-n-butylphthalate        | 18.63 | 149  | 372114   | 19.486 | ng/ul  | 97       |
| 74) Fluoranthene               | 19.74 | 202  | 422186   | 20.129 | ng/ul  | 100      |
| 77) Pyrene                     | 20.11 | 202  | 436748   | 19.047 | ng/ul  | 99       |
| 78) Butylbenzylphthalate       | 20.97 | 149  | 172767   | 20.112 | ng/ul  | 91       |
| 79) 3,3'-Dichlorobenzidine     | 21.92 | 252  | 146132   | 19.708 | ng/ul# | 98       |
| 80) Benzo(a)anthracene         | 22.01 | 228  | 440231   | 19.824 | ng/ul  | 98       |
| 81) Bis(2-ethylhexyl)phthalate | 21.88 | 149  | 247826   | 20.286 | ng/ul  | 99       |
| 82) Chrysene                   | 22.09 | 228  | 393767   | 19.689 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 23.18 | 149  | 420463   | 19.104 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 24.42 | 252  | 423796   | 19.283 | ng/ul  | 99       |
| 86) Benzo(k)fluoranthene       | 24.49 | 252  | 415561   | 19.358 | ng/ul  | 97       |
| 88) Benzo(a)pyrene             | 25.37 | 252  | 418932   | 19.687 | ng/ul  | 98       |
| 89) Indeno(1,2,3-cd)pyrene     | 29.55 | 276  | 486678   | 19.531 | ng/ul# | 97       |
| 90) Dibenzo(a,h)anthracene     | 29.62 | 278  | 412229   | 19.737 | ng/ul  | 94       |
| 91) Benzo(g,h,i)perylene       | 30.81 | 276  | 402854   | 19.651 | ng/ul# | 96       |

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





#2

1,4-Dioxane

Concen: 8.559 ng/uL

RT: 3.88 min Scan# 50

Delta R.T. 0.01 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

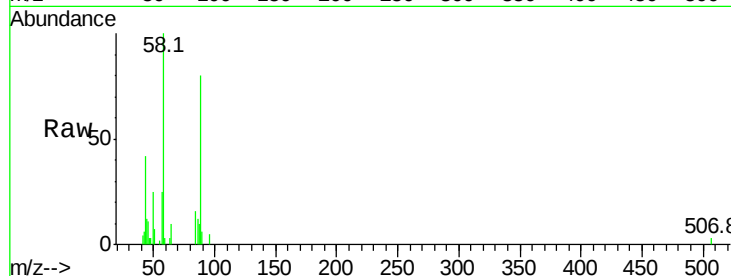
Tot Ion: 88 Resp: 9178

Ion Ratio Lower Upper

88 100

43 52.2 39.2 58.8

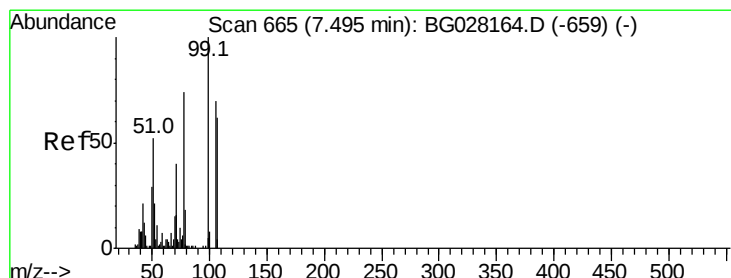
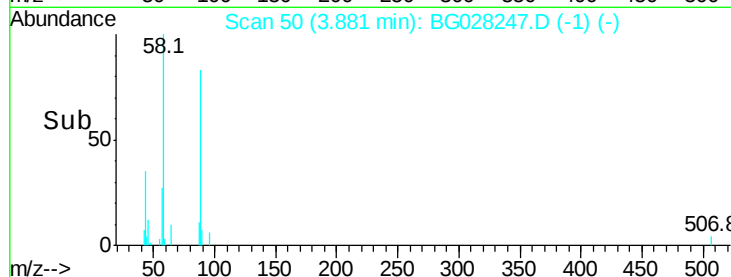
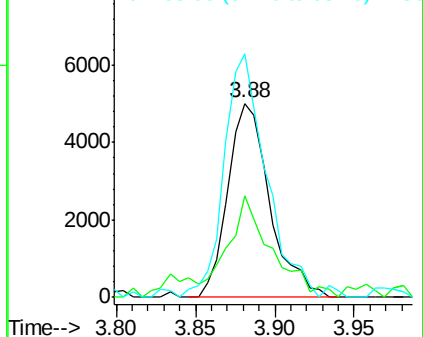
58 125.4 69.4 104.0#



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: 19.342 ng/uL

RT: 7.49 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

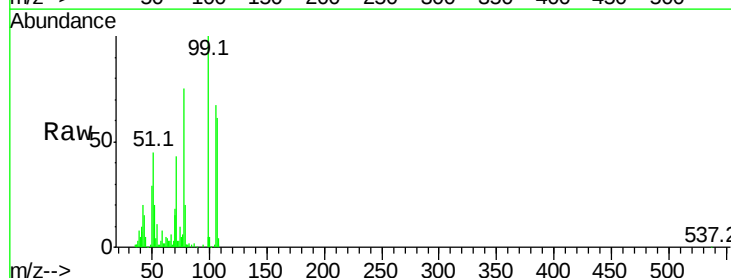
Tgt Ion: 77 Resp: 58369

Ion Ratio Lower Upper

77 100

105 88.7 62.0 93.0

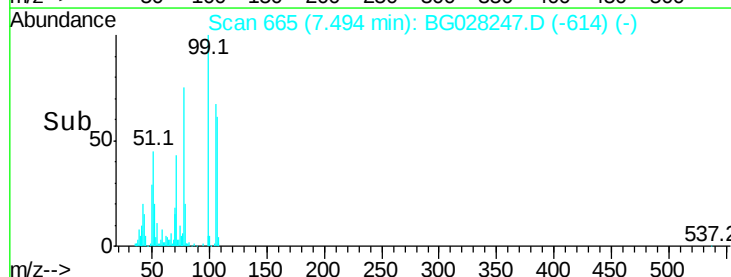
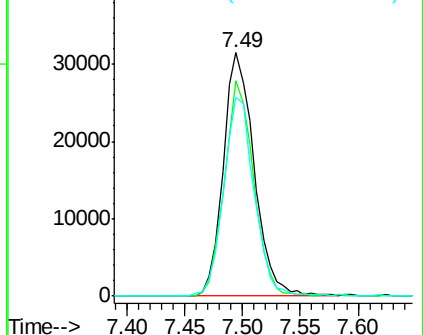
106 81.5 60.2 90.4

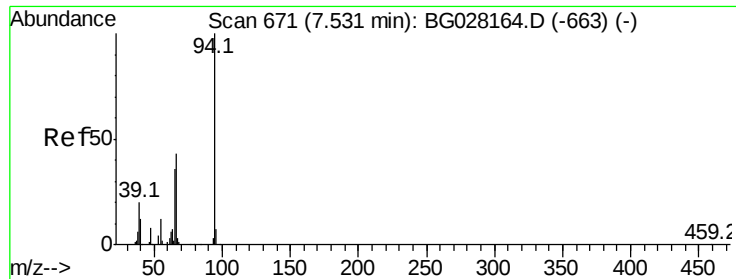


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 17.356 ng/ul

RT: 7.53 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

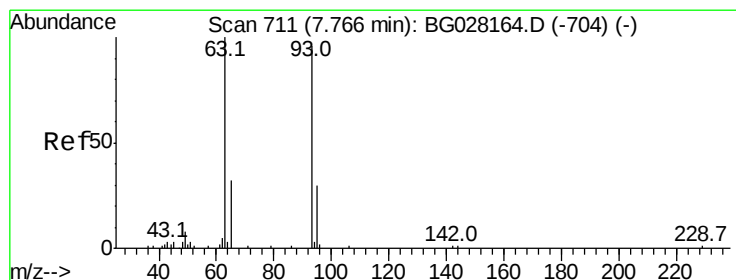
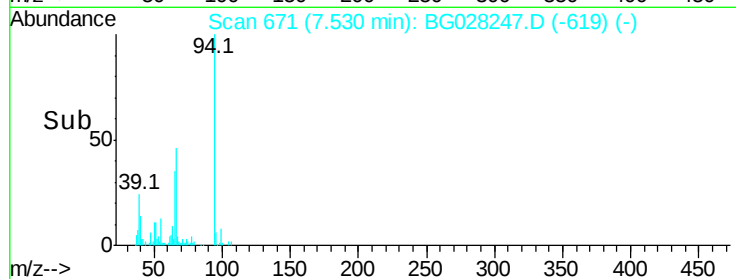
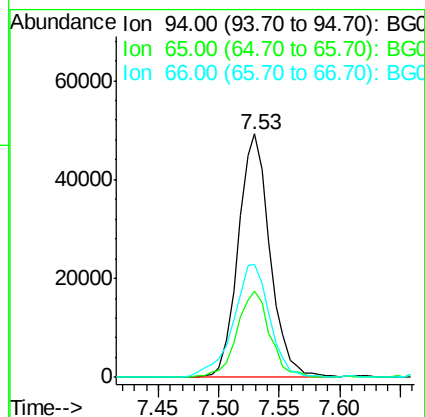
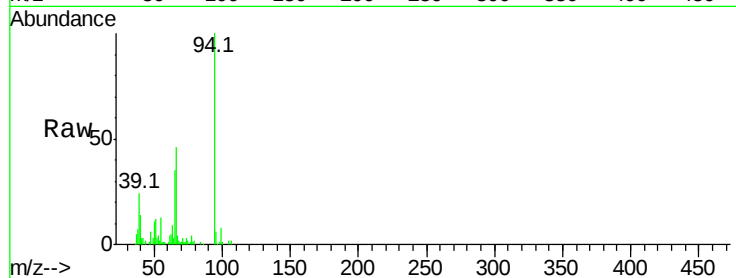
Tot Ion: 94 Resp: 90067

Ion Ratio Lower Upper

94 100

65 35.3 26.8 40.2

66 46.4 44.4 66.6



#8

Bis(2-Chloroethyl)ether

Concen: 18.449 ng/ul

RT: 7.76 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

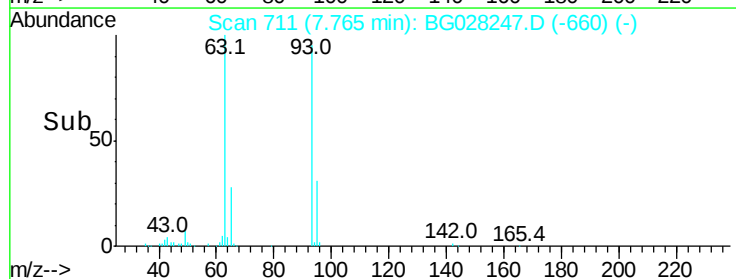
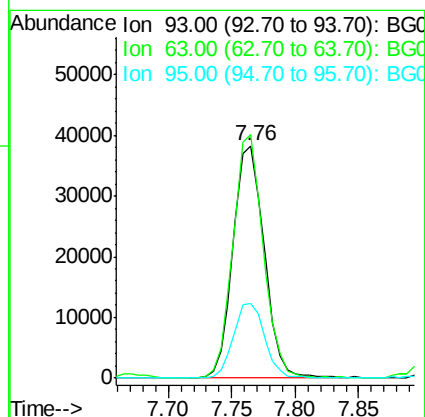
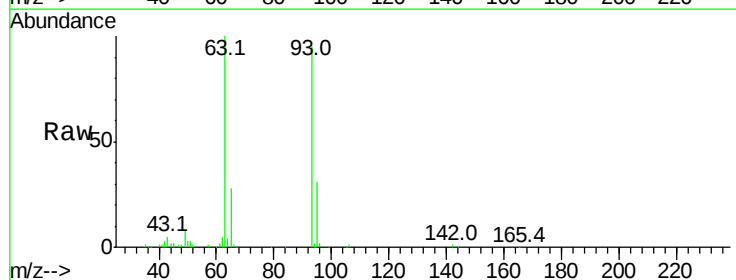
Tgt Ion: 93 Resp: 65220

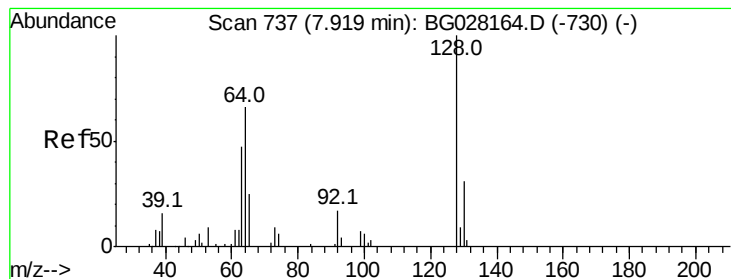
Ion Ratio Lower Upper

93 100

63 104.8 75.5 113.3

95 32.2 29.2 43.8





#10

2-Chlorophenol

Concen: 18.678 ng/ul

RT: 7.92 min Scan# 738

Delta R.T. 0.01 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

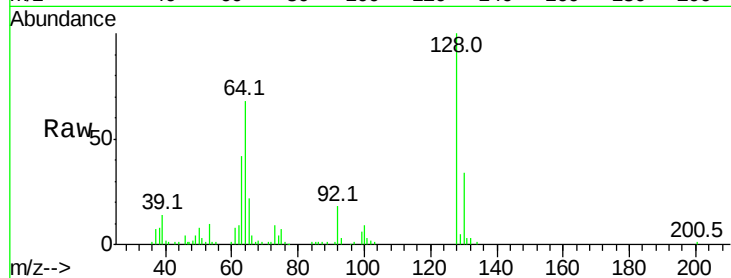
Tot Ion:128 Resp: 59958

Ion Ratio Lower Upper

128 100

64 68.0 56.3 84.5

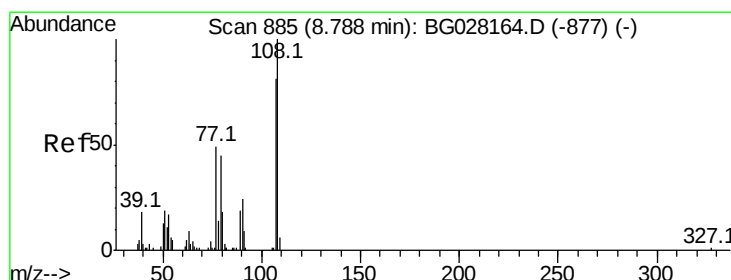
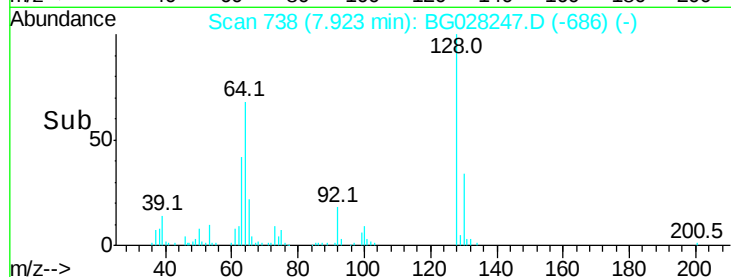
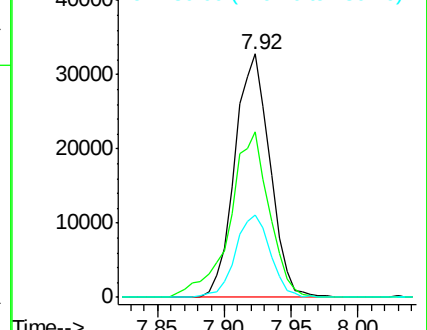
130 33.6 26.7 40.1



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: 17.314 ng/ul

RT: 8.79 min Scan# 885

Delta R.T. 0.01 min

Lab File: BG028247.D

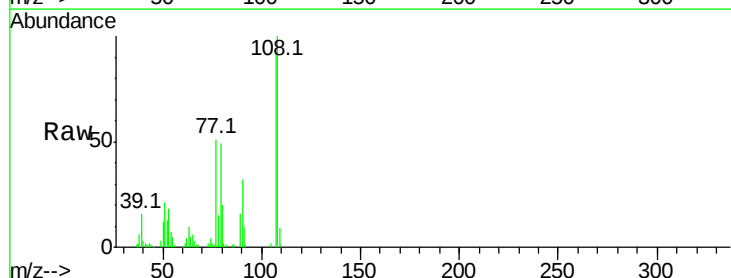
Acq: 10 Aug 2017 5:01

Tgt Ion:108 Resp: 63423

Ion Ratio Lower Upper

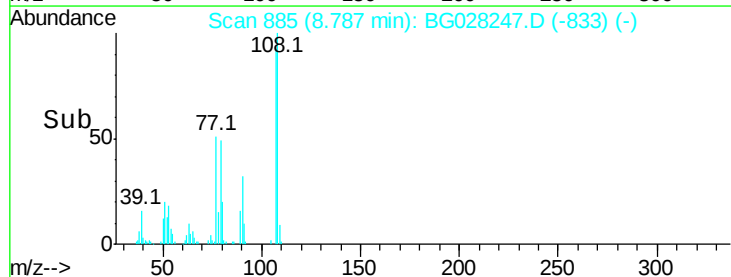
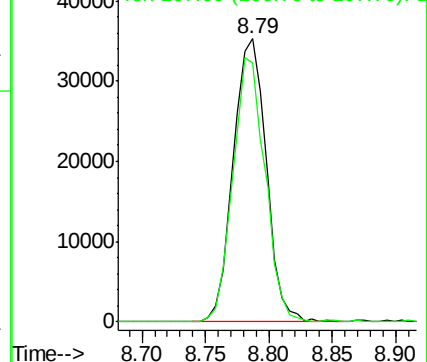
108 100

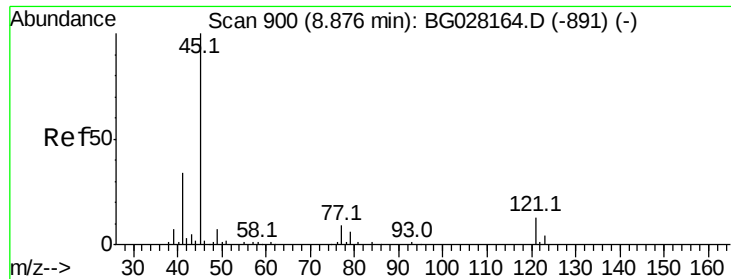
107 91.6 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

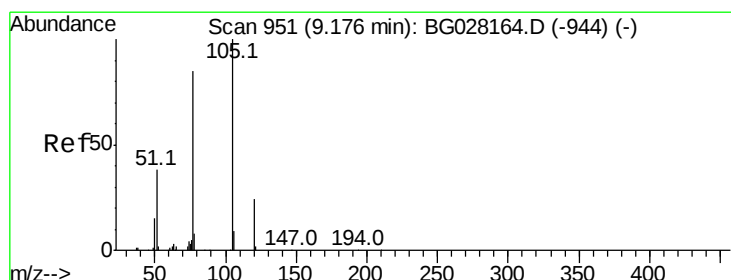
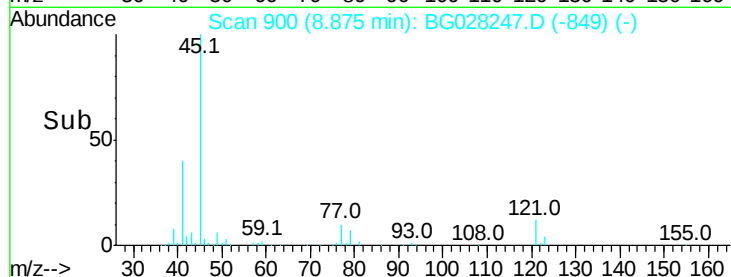
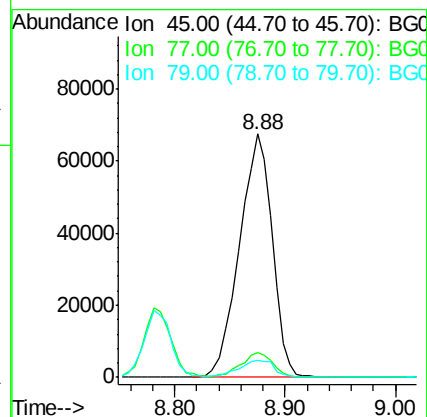
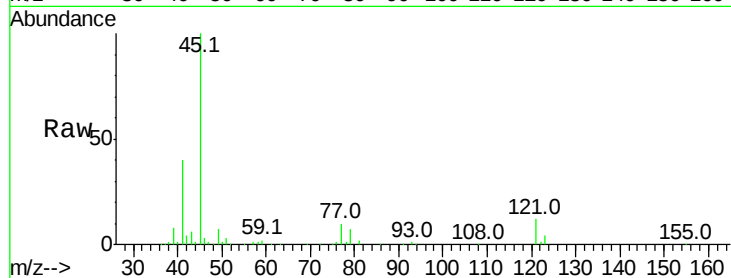




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 16.360 ng/ul  
RT: 8.88 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

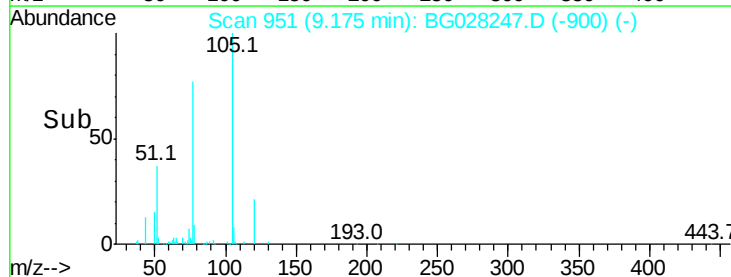
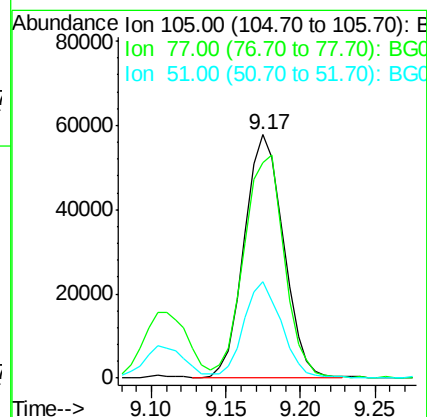
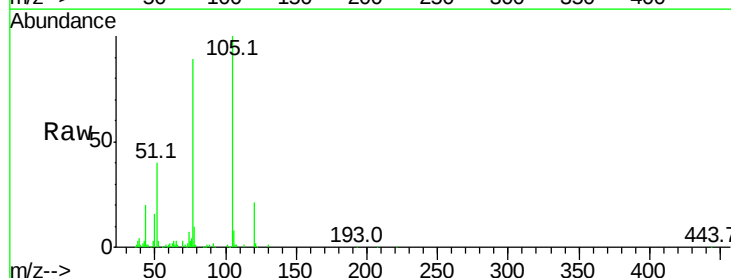
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02058

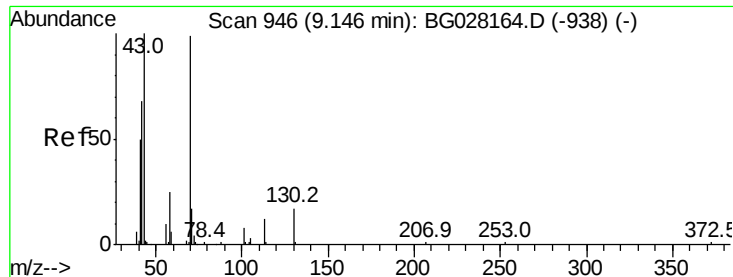
Tot Ion: 45 Resp: 140391  
Ion Ratio Lower Upper  
45 100  
77 10.2 10.0 15.0  
79 7.1 7.3 10.9#



#14  
Acetophenone  
Concen: 16.803 ng/ul  
RT: 9.17 min Scan# 951  
Delta R.T. -0.00 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

Tgt Ion:105 Resp: 104586  
Ion Ratio Lower Upper  
105 100  
77 88.7 76.0 114.0  
51 39.8 34.8 52.2





#15

N-Nitroso-di-n-propylamine

Concen: 17.770 ng/ul

RT: 9.15 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

Tot Ion: 70 Resp: 62859

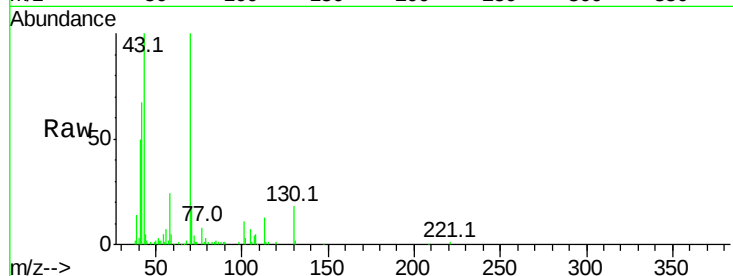
Ion Ratio Lower Upper

70 100

42 66.9 59.0 88.6

101 11.2 6.6 9.8#

130 18.5 15.6 23.4

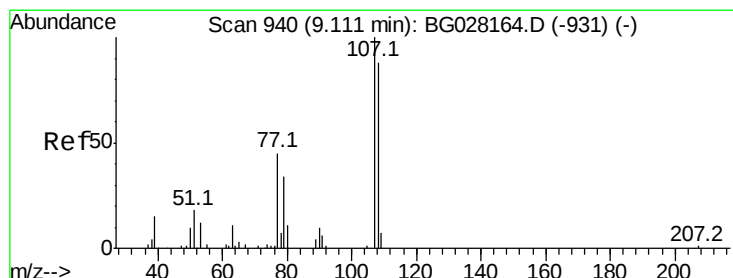
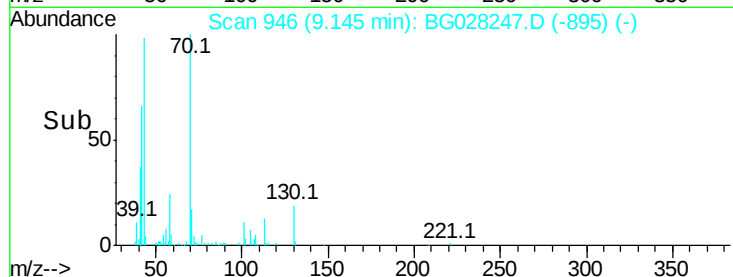
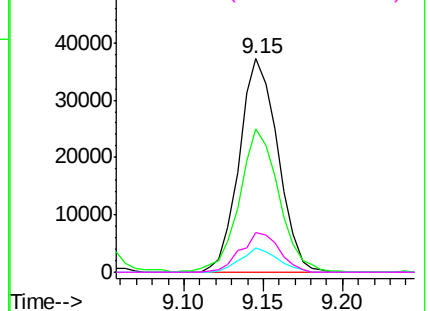


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 16.879 ng/ul

RT: 9.11 min Scan# 940

Delta R.T. 0.01 min

Lab File: BG028247.D

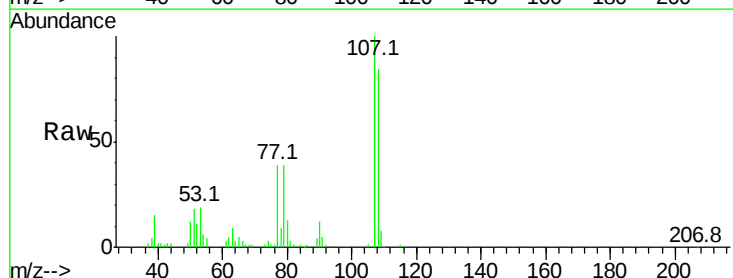
Acq: 10 Aug 2017 5:01

Tgt Ion:108 Resp: 69814

Ion Ratio Lower Upper

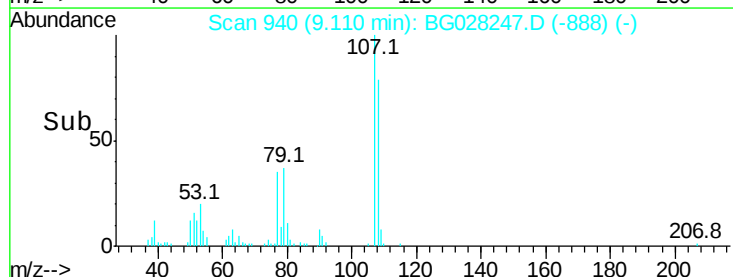
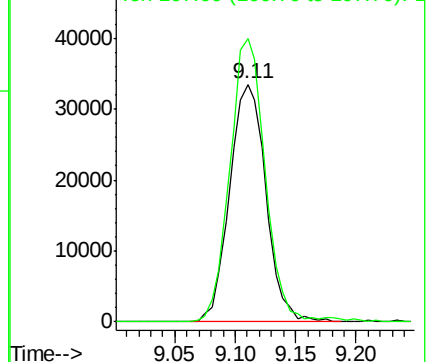
108 100

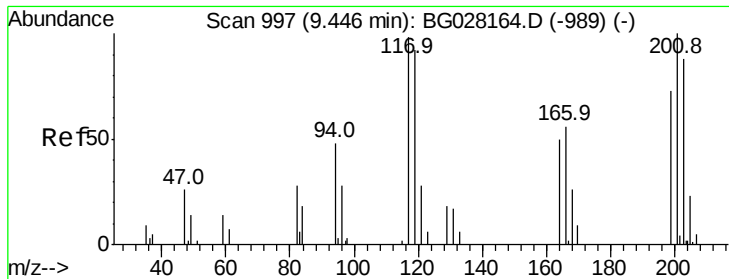
107 119.0 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

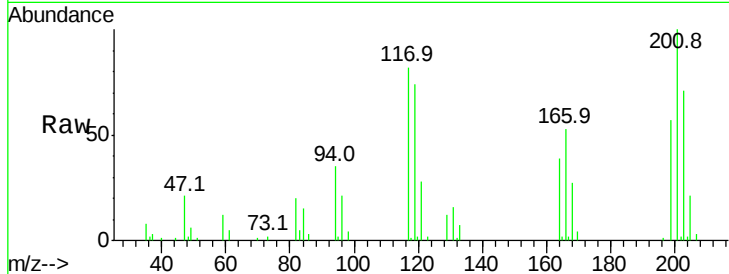




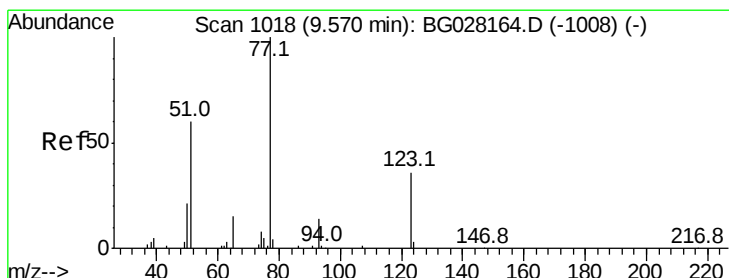
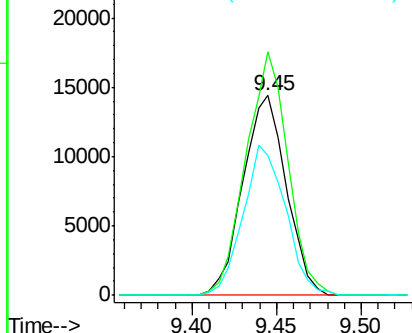
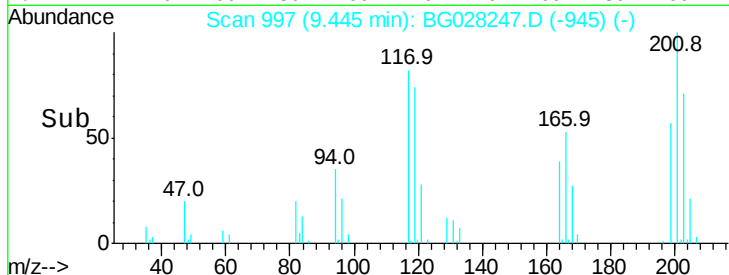
#17  
Hexachloroethane  
Concen: 19.341 ng/ul  
RT: 9.45 min Scan# 997  
Delta R.T. 0.01 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02058

Tot Ion:117 Resp: 25728  
Ion Ratio Lower Upper  
117 100  
201 121.9 91.9 137.9  
199 70.0 64.3 96.5

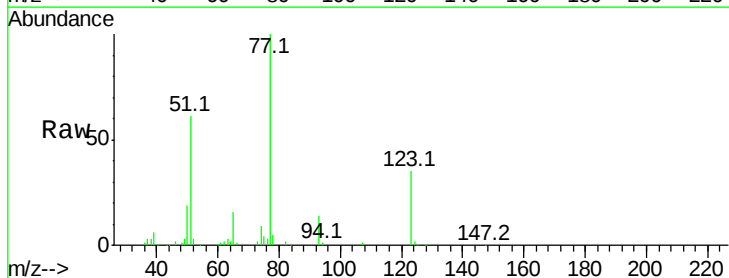


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

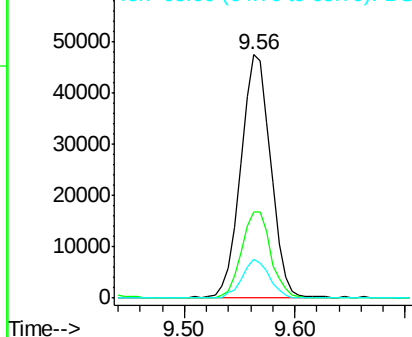
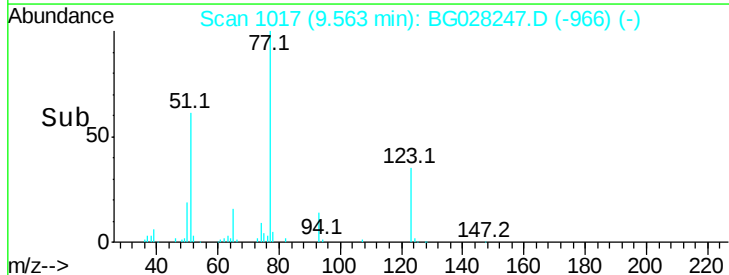


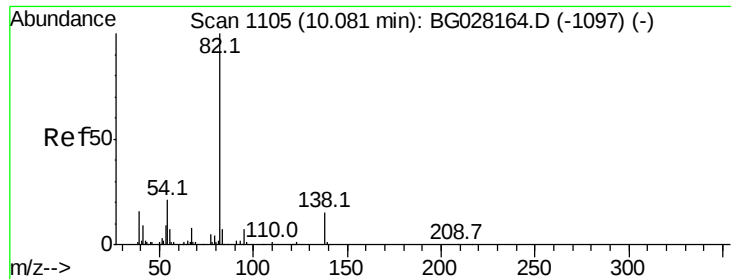
#20  
Nitrobenzene  
Concen: 19.534 ng/ul  
RT: 9.56 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

Tgt Ion: 77 Resp: 90325  
Ion Ratio Lower Upper  
77 100  
123 35.2 27.4 41.0  
65 15.9 13.3 19.9



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





#21

Isophorone

Concen: 19.283 ng/ul

RT: 10.08 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

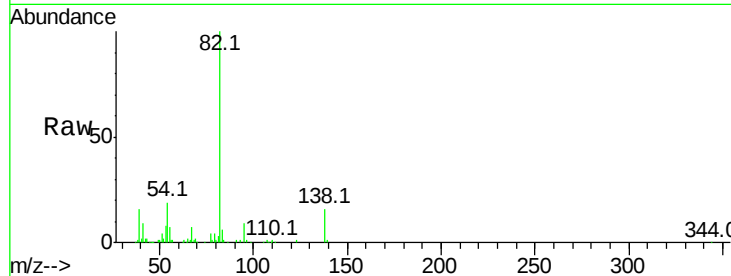
Tot Ion: 82 Resp: 169405

Ion Ratio Lower Upper

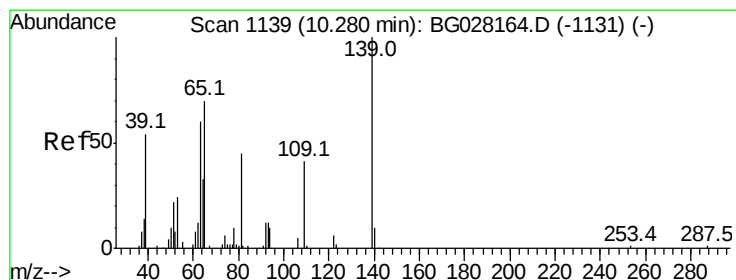
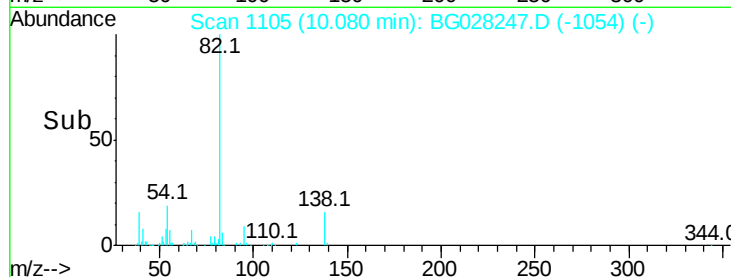
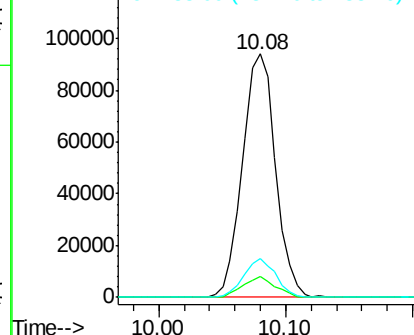
82 100

95 8.5 7.8 11.6

138 15.9 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: 20.835 ng/ul

RT: 10.28 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

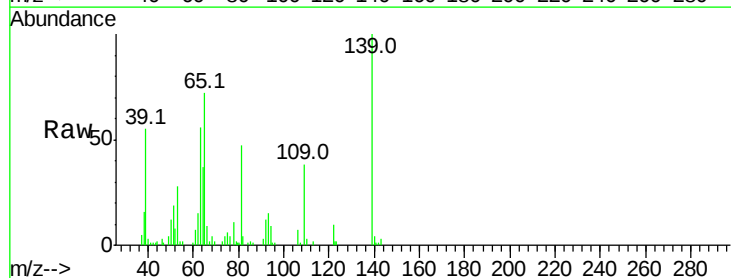
Tgt Ion: 139 Resp: 36838

Ion Ratio Lower Upper

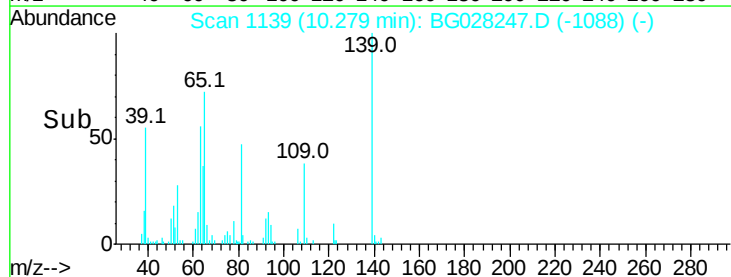
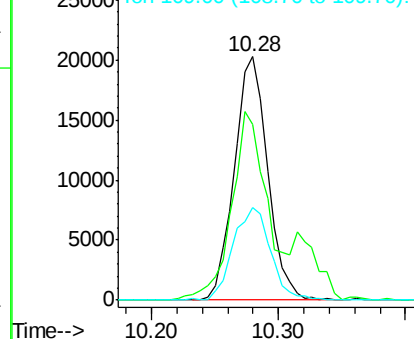
139 100

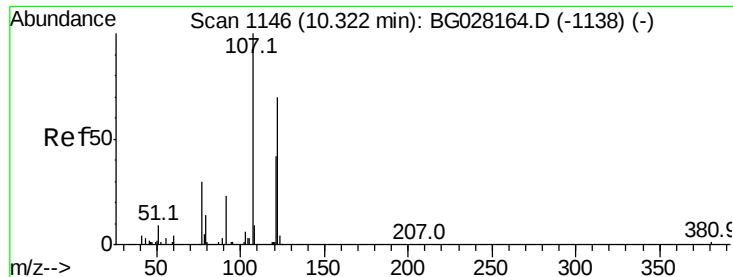
65 72.3 67.0 100.6

109 37.8 39.6 59.4#



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

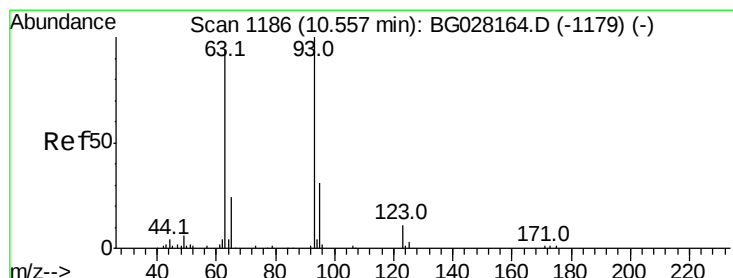
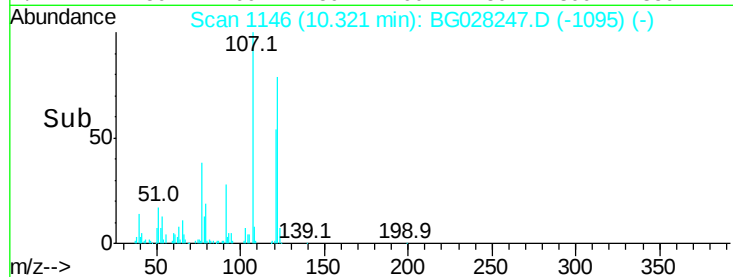
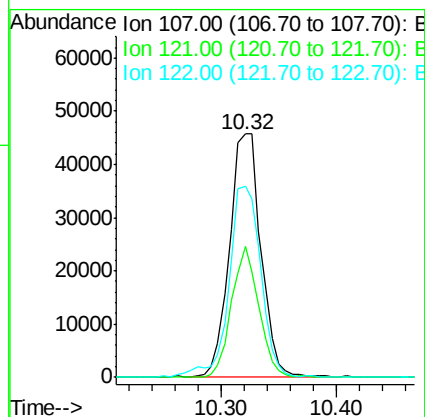
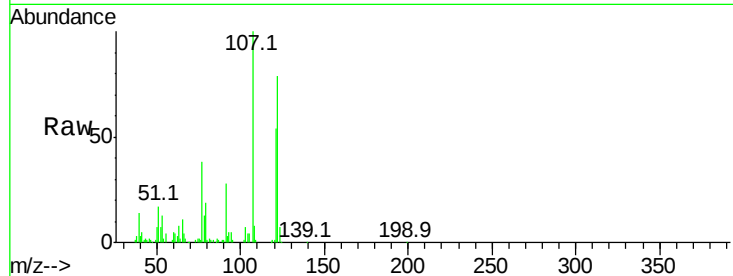




#24  
 2,4-Dimethylphenol  
 Concen: 19.694 ng/ul  
 RT: 10.32 min Scan# 1146  
 Delta R.T. -0.00 min  
 Lab File: BG028247.D  
 Acq: 10 Aug 2017 5:01

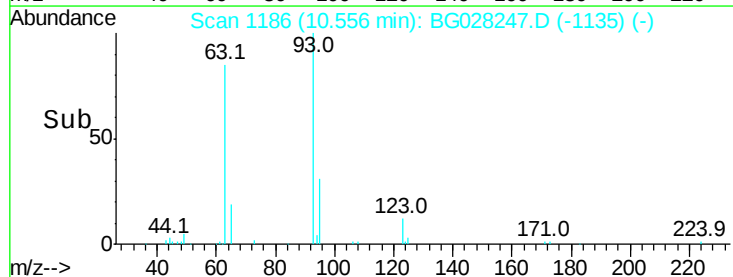
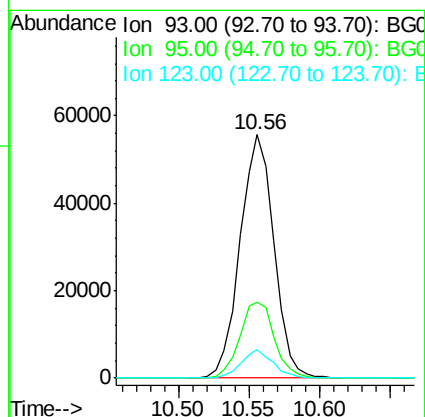
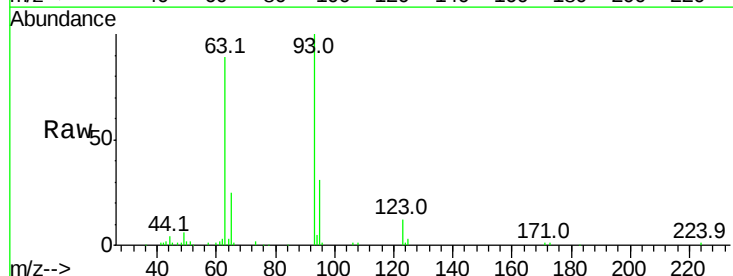
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02058

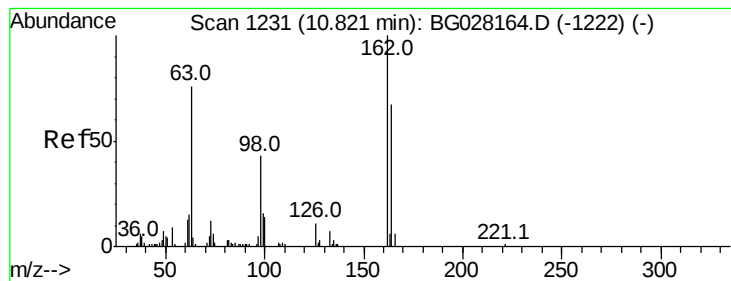
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 54.0  | 32.3  | 48.5# |
| 122     | 78.6  | 61.2  | 91.8  |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 19.406 ng/ul  
 RT: 10.56 min Scan# 1186  
 Delta R.T. -0.00 min  
 Lab File: BG028247.D  
 Acq: 10 Aug 2017 5:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.3  | 23.4  | 35.0  |
| 123     | 11.8  | 7.8   | 11.6# |





#27

2,4-Dichlorophenol

Concen: 20.148 ng/ul

RT: 10.81 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

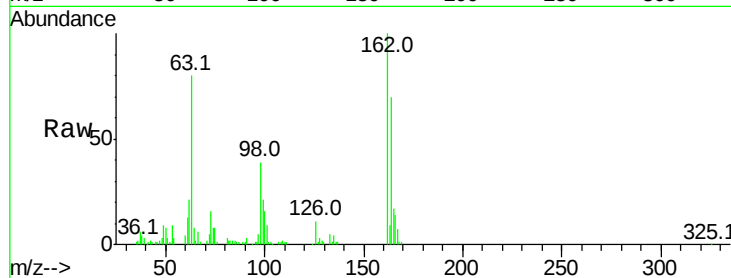
Tot Ion:162 Resp: 66462

Ion Ratio Lower Upper

162 100

164 70.1 50.8 76.2

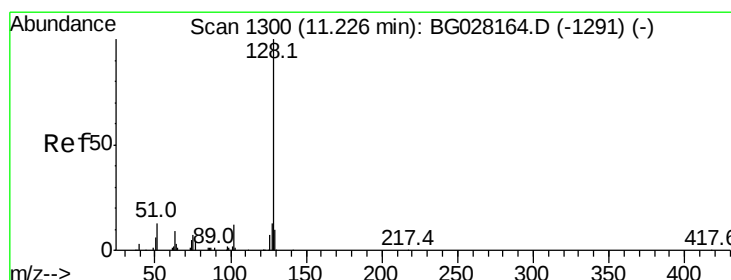
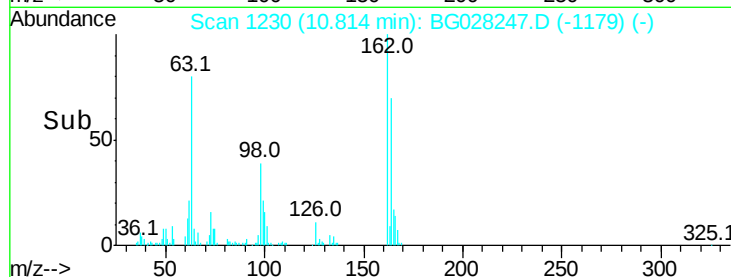
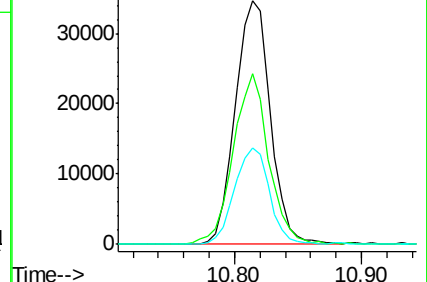
98 39.4 32.1 48.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#28

Naphthalene

Concen: 19.742 ng/ul

RT: 11.23 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

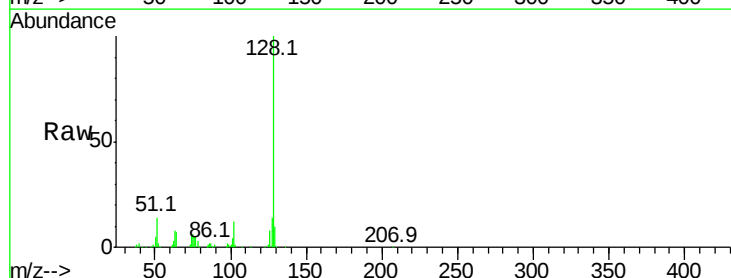
Tgt Ion:128 Resp: 199736

Ion Ratio Lower Upper

128 100

129 10.5 9.4 14.2

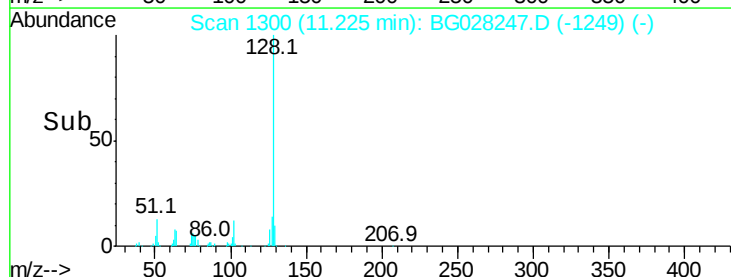
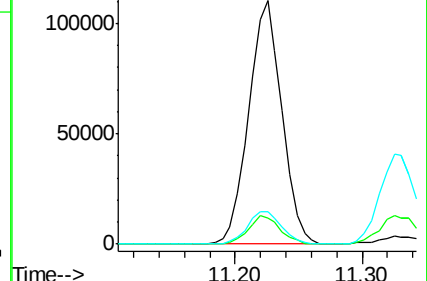
127 13.6 10.3 15.5

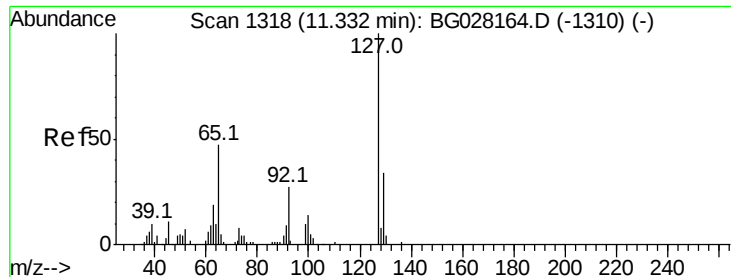


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

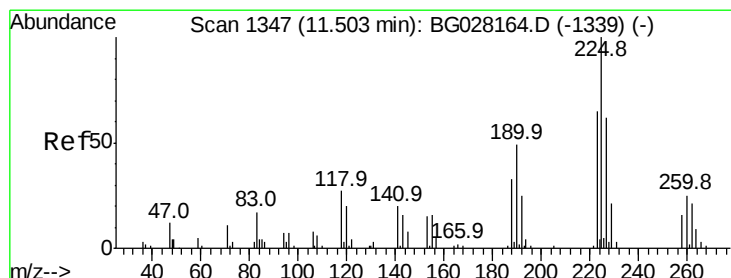
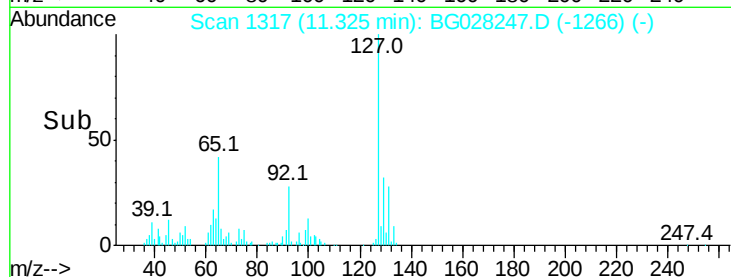
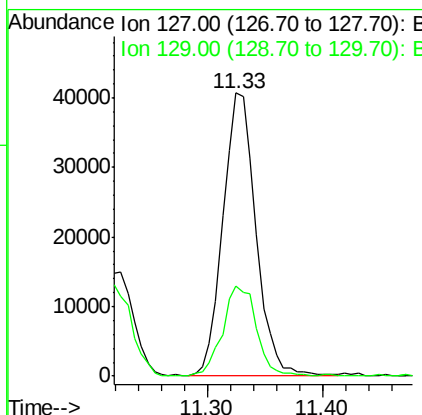
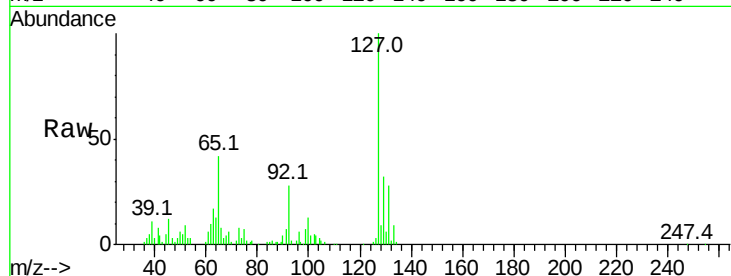




#30  
4-Chloroaniline  
Concen: 20.606 ng/ul  
RT: 11.33 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

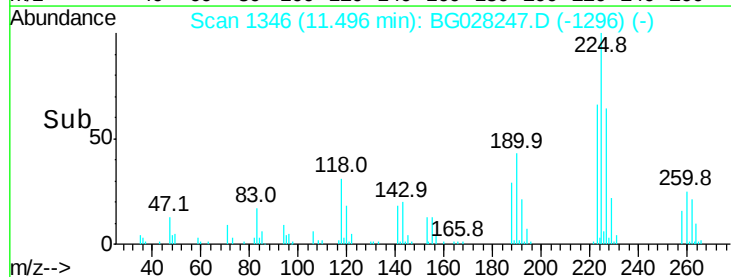
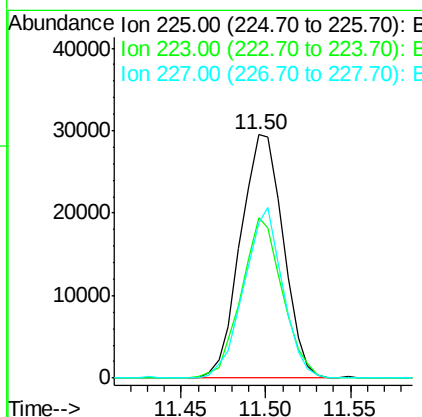
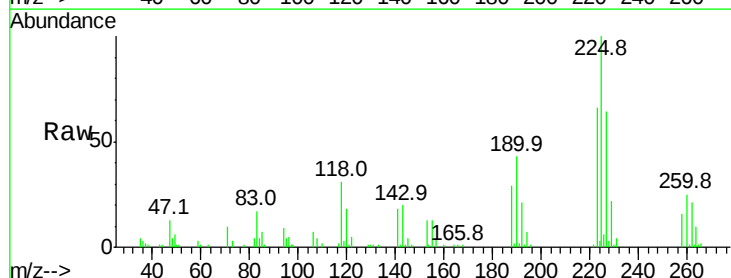
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02058

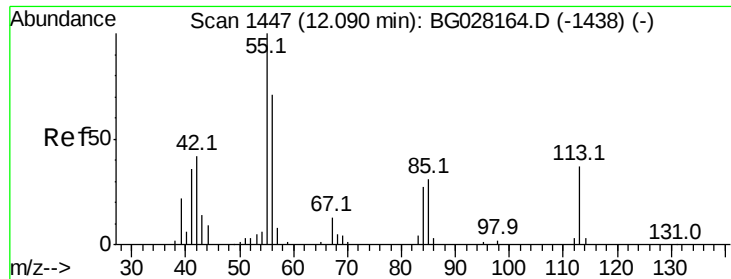
Tot Ion:127 Resp: 80567  
Ion Ratio Lower Upper  
127 100  
129 31.8 28.9 43.3



#31  
Hexachlorobutadiene  
Concen: 21.376 ng/ul  
RT: 11.50 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

Tgt Ion:225 Resp: 52048  
Ion Ratio Lower Upper  
225 100  
223 65.8 45.9 68.9  
227 63.5 44.7 67.1





#32

Caprolactam

Concen: 18.519 ng/ul

RT: 12.07 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

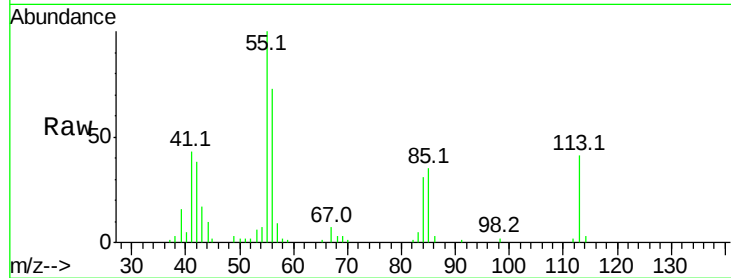
Tot Ion:113 Resp: 25402

Ion Ratio Lower Upper

113 100

55 243.7 168.6 252.8

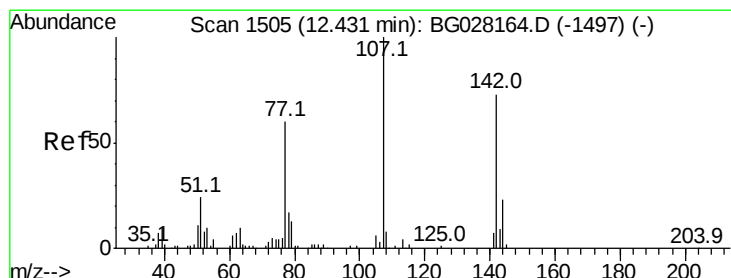
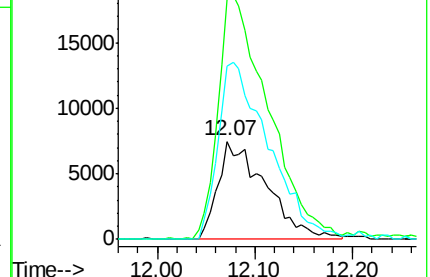
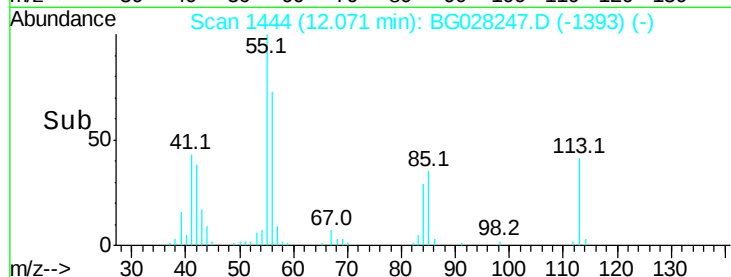
56 176.8 128.5 192.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 19.200 ng/ul

RT: 12.42 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

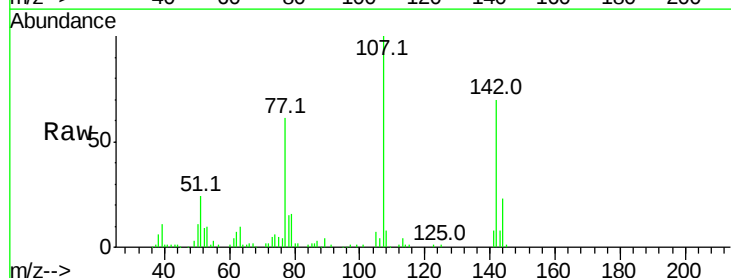
Tgt Ion:107 Resp: 80842

Ion Ratio Lower Upper

107 100

144 23.1 18.2 27.4

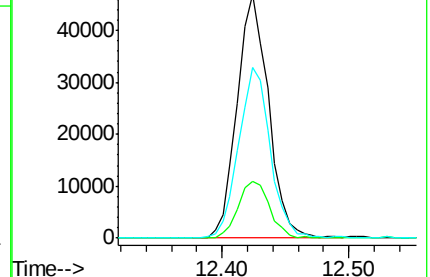
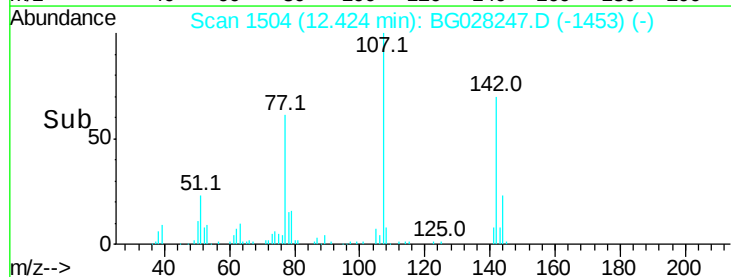
142 70.1 55.0 82.4

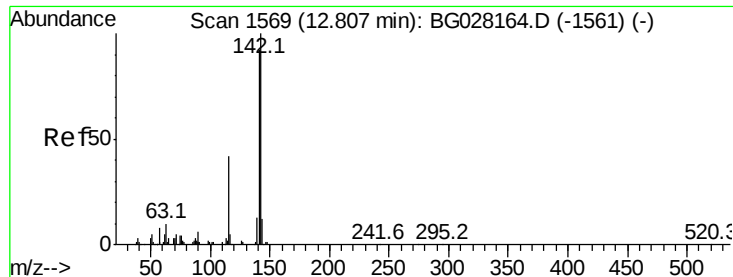


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.190 ng/ul

RT: 12.81 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

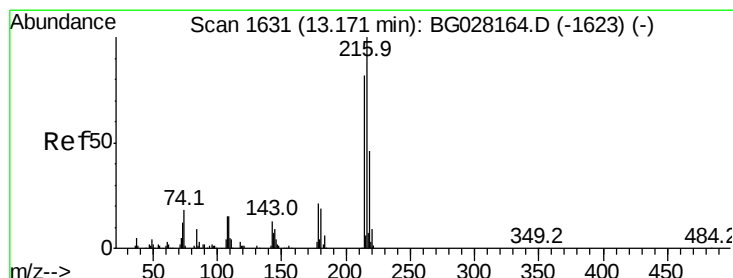
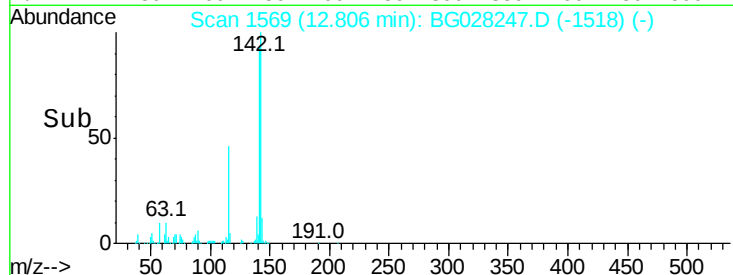
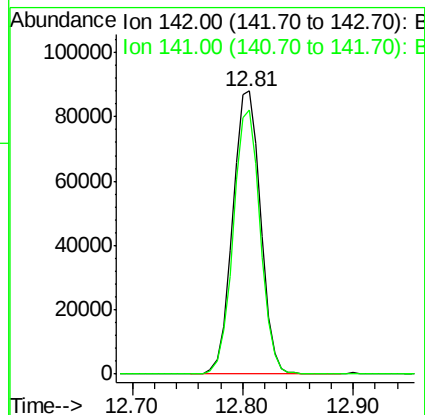
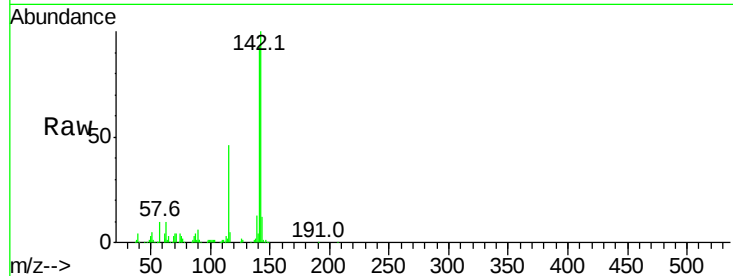
SSTD02058

Tot Ion:142 Resp: 155950

Ion Ratio Lower Upper

142 100

141 93.3 68.6 102.8



#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.162 ng/ul

RT: 13.16 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Tgt Ion:216 Resp: 95232

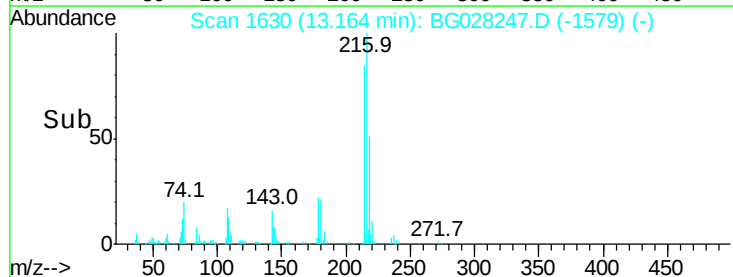
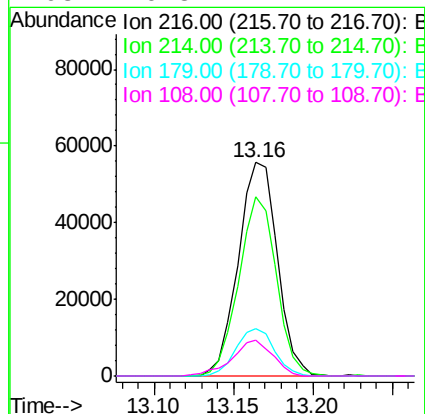
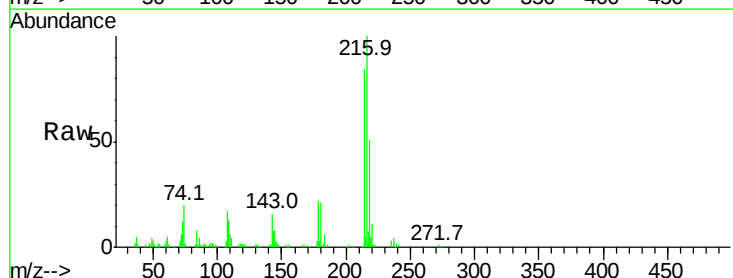
Ion Ratio Lower Upper

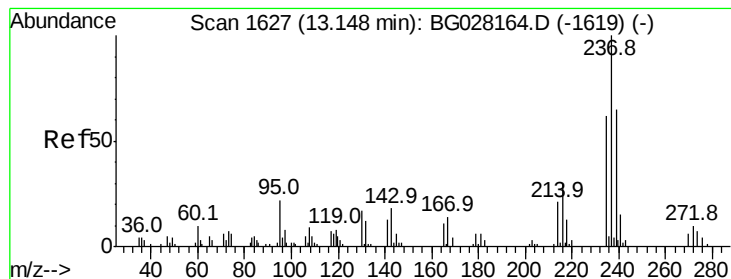
216 100

214 84.2 67.0 100.6

179 22.3 18.1 27.1

108 16.8 14.1 21.1





#37

Hexachlorocyclopentadiene

Concen: 20.396 ng/ul

RT: 13.14 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

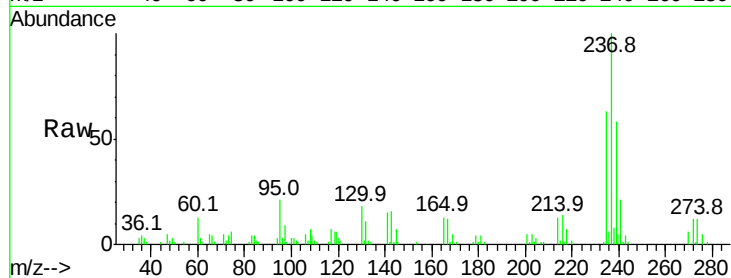
Tot Ion:237 Resp: 50644

Ion Ratio Lower Upper

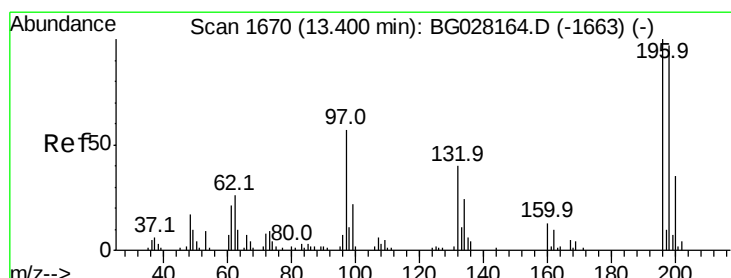
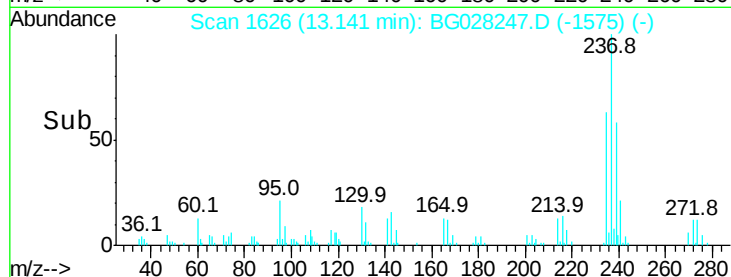
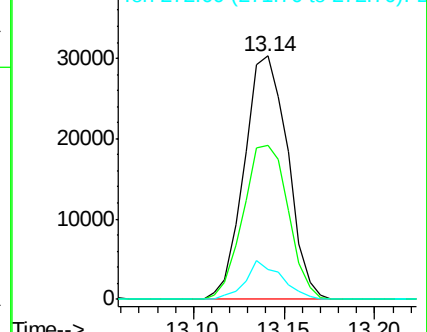
237 100

235 63.0 50.2 75.4

272 12.1 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: 21.973 ng/ul

RT: 13.40 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

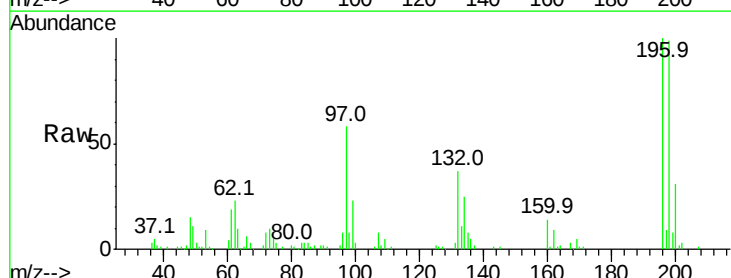
Tgt Ion:196 Resp: 61630

Ion Ratio Lower Upper

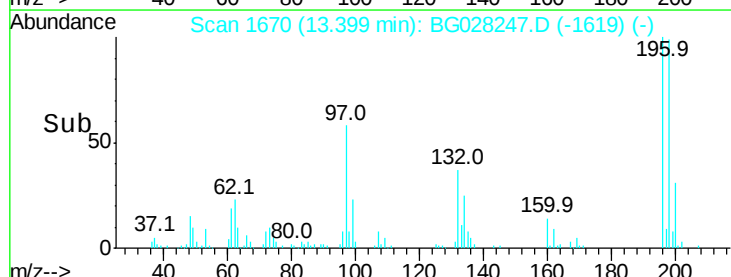
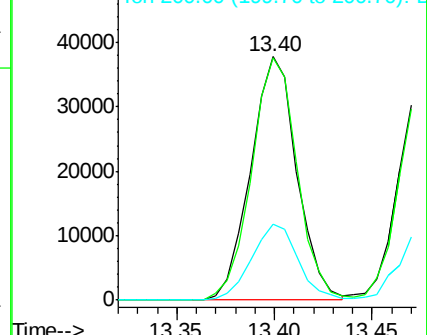
196 100

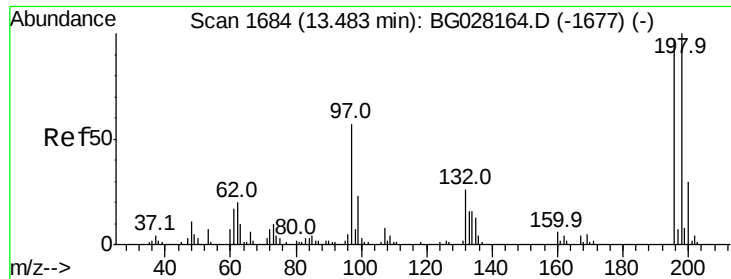
198 99.5 71.4 107.2

200 31.1 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

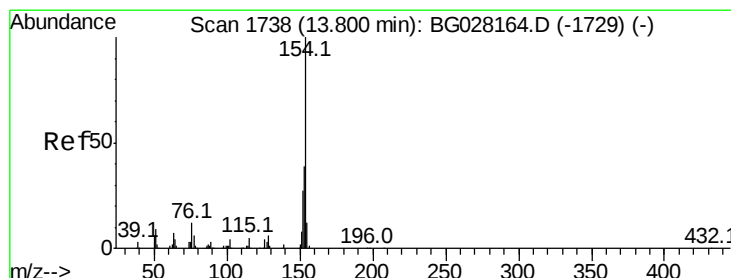
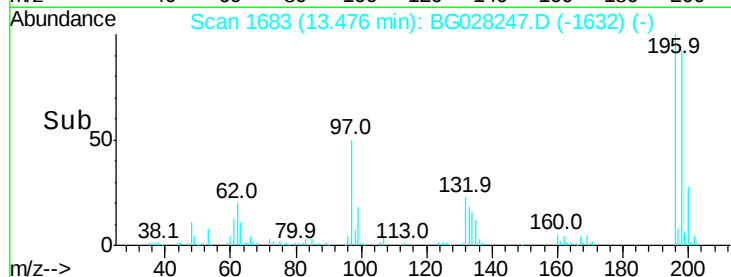
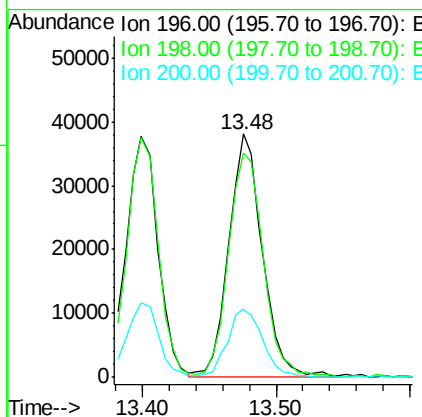
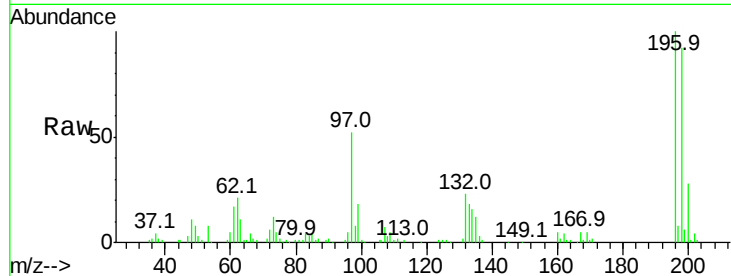




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.900 ng/ul  
 RT: 13.48 min Scan# 1683  
 Delta R.T. -0.00 min  
 Lab File: BG028247.D  
 Acq: 10 Aug 2017 5:01

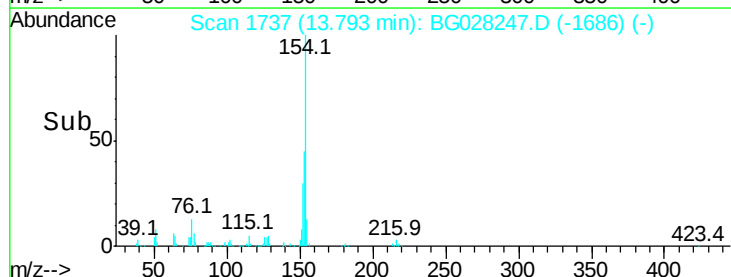
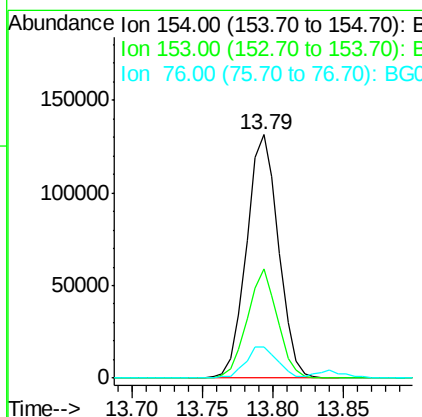
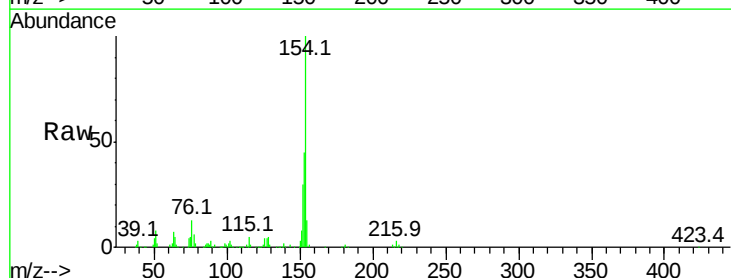
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02058

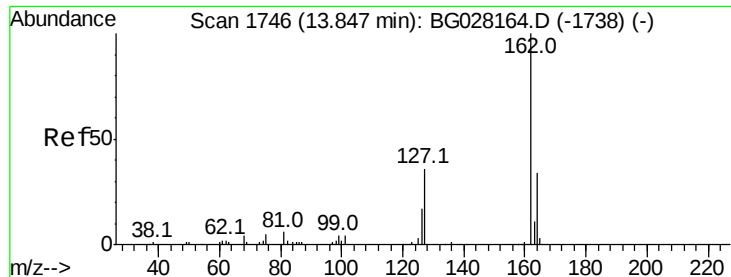
Tot Ion:196 Resp: 66952  
 Ion Ratio Lower Upper  
 196 100  
 198 92.4 78.6 118.0  
 200 29.1 27.3 40.9



#40  
 1,1'-Biphenyl  
 Concen: 20.448 ng/ul  
 RT: 13.79 min Scan# 1737  
 Delta R.T. -0.00 min  
 Lab File: BG028247.D  
 Acq: 10 Aug 2017 5:01

Tgt Ion:154 Resp: 208499  
 Ion Ratio Lower Upper  
 154 100  
 153 44.8 32.2 48.2  
 76 12.8 9.6 14.4

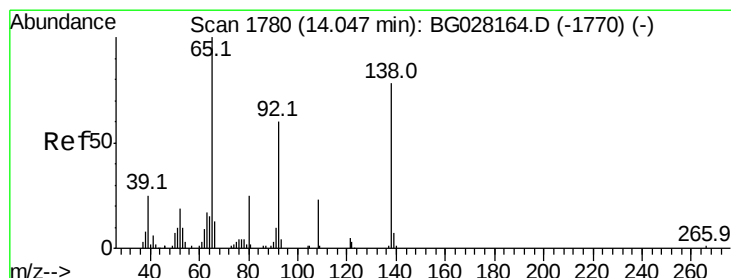
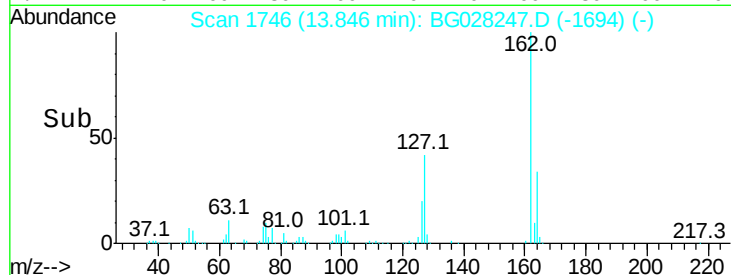
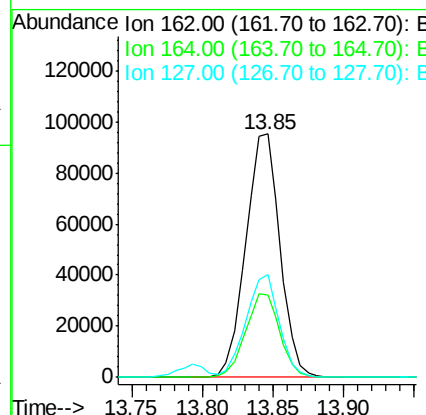
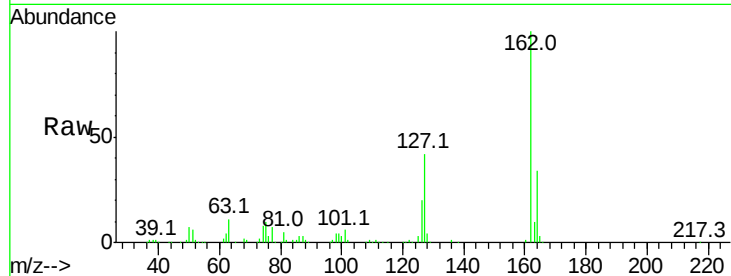




#41  
 2-Chloronaphthalene  
 Concen: 19.989 ng/ul  
 RT: 13.85 min Scan# 1746  
 Delta R.T. 0.01 min  
 Lab File: BG028247.D  
 Acq: 10 Aug 2017 5:01

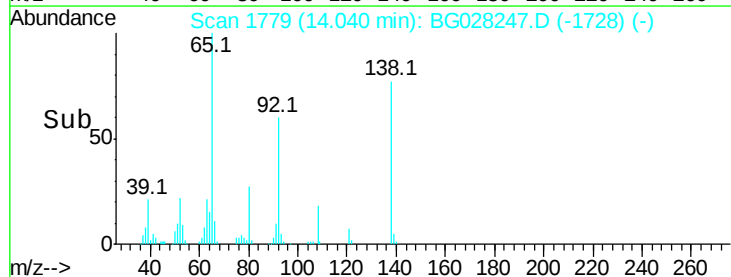
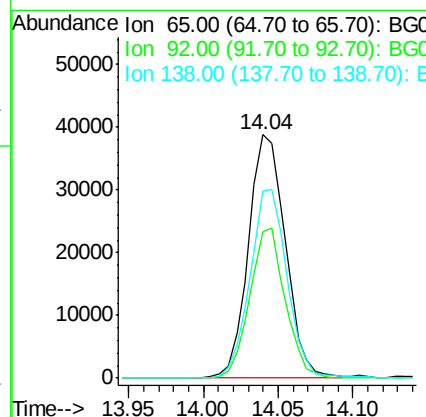
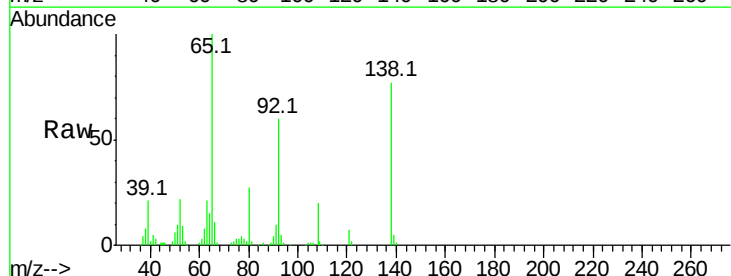
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02058

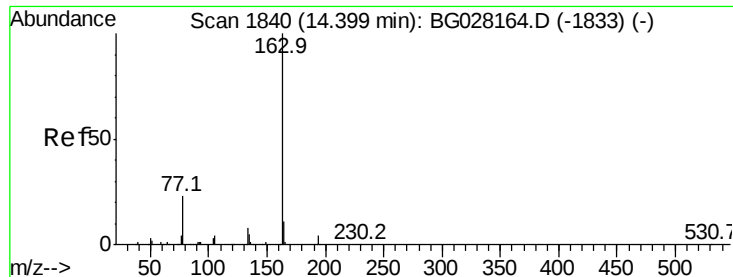
Tot Ion:162 Resp: 161074  
 Ion Ratio Lower Upper  
 162 100  
 164 34.0 25.0 37.6  
 127 42.2 30.7 46.1



#42  
 2-Nitroaniline  
 Concen: 19.619 ng/ul  
 RT: 14.04 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: BG028247.D  
 Acq: 10 Aug 2017 5:01

Tgt Ion: 65 Resp: 66283  
 Ion Ratio Lower Upper  
 65 100  
 92 59.9 50.9 76.3  
 138 76.7 61.8 92.6





#44

Dimethylphthalate

Concen: 19.297 ng/ul

RT: 14.39 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

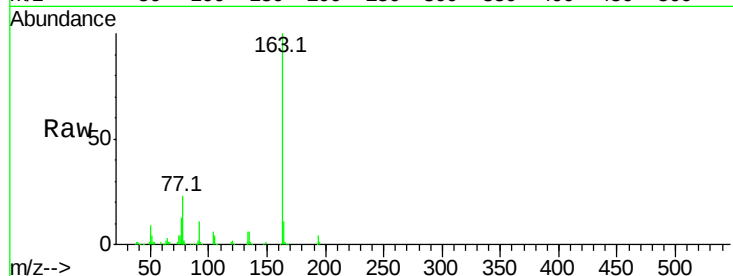
Tot Ion:163 Resp: 220631

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

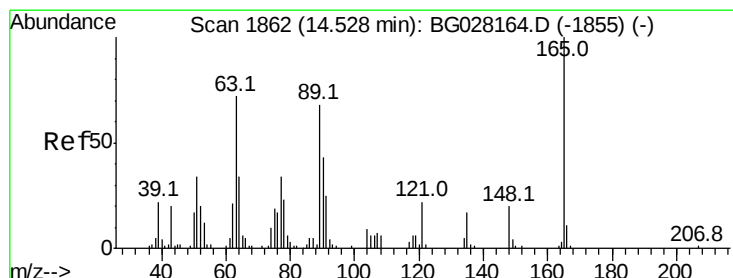
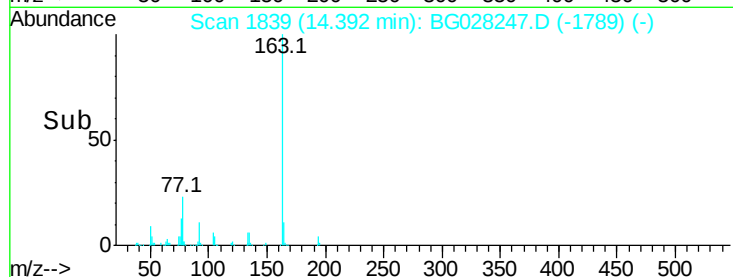
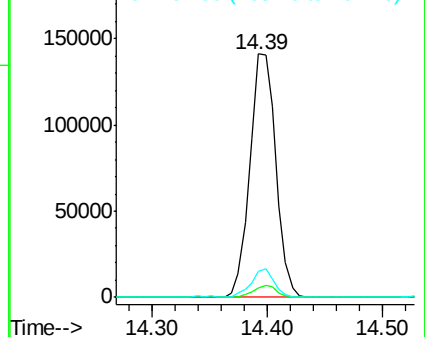
164 10.6 9.0 13.4



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: 19.744 ng/ul

RT: 14.53 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

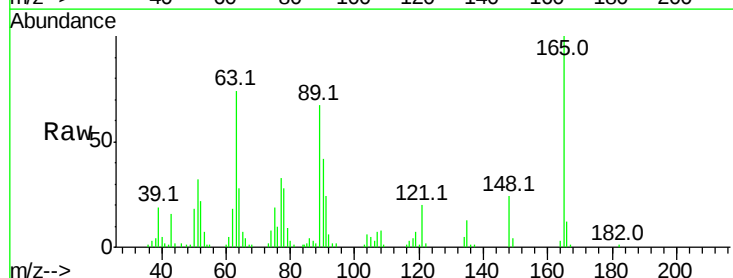
Tgt Ion:165 Resp: 46608

Ion Ratio Lower Upper

165 100

89 66.8 52.9 79.3

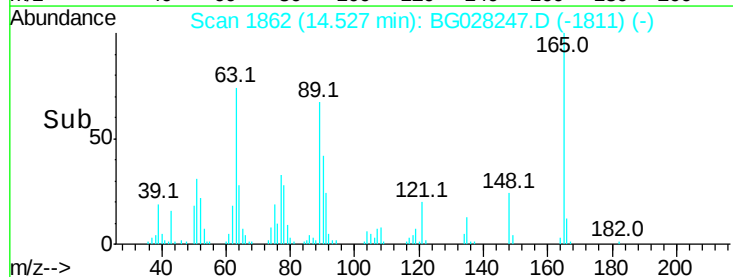
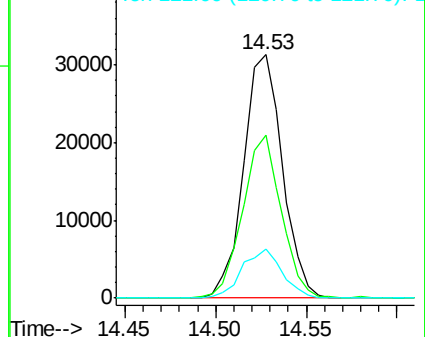
121 20.0 22.2 33.4#

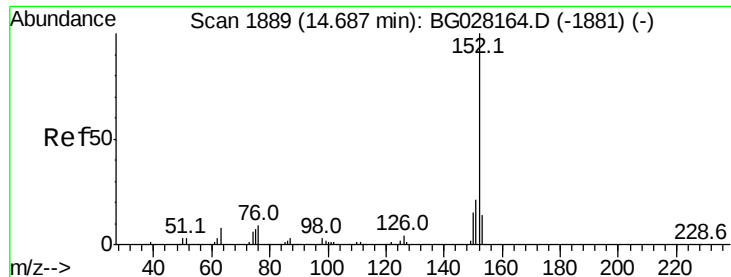


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BGC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.864 ng/ul

RT: 14.69 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

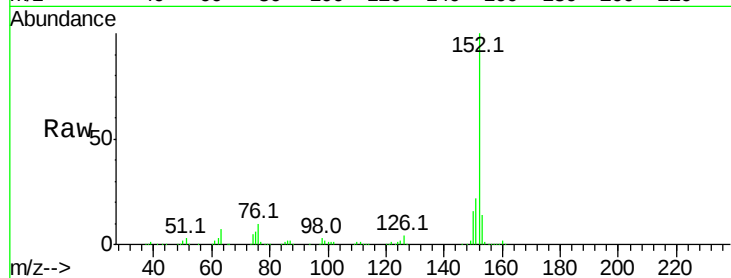
Tot Ion:152 Resp: 265776

Ion Ratio Lower Upper

152 100

151 21.8 16.7 25.1

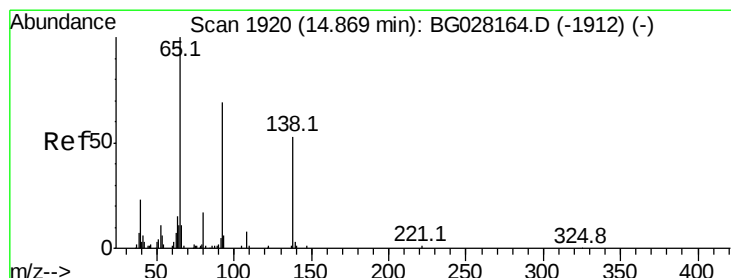
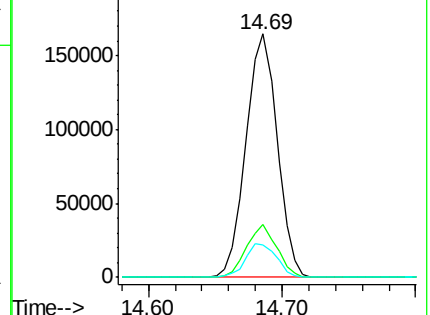
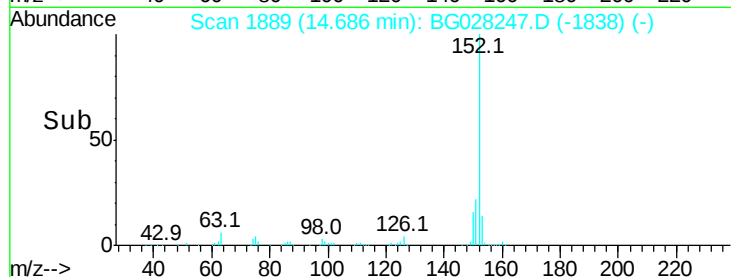
153 13.5 11.4 17.2



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: 19.414 ng/ul

RT: 14.86 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

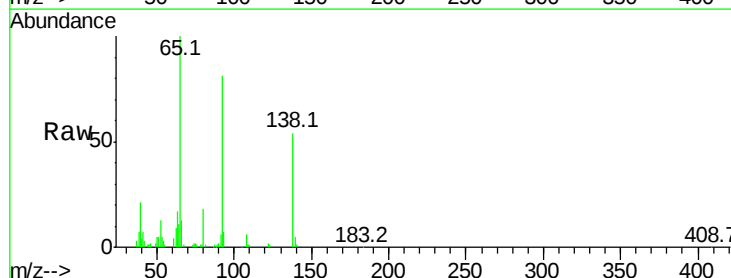
Tgt Ion:138 Resp: 41267

Ion Ratio Lower Upper

138 100

108 11.9 6.3 9.5#

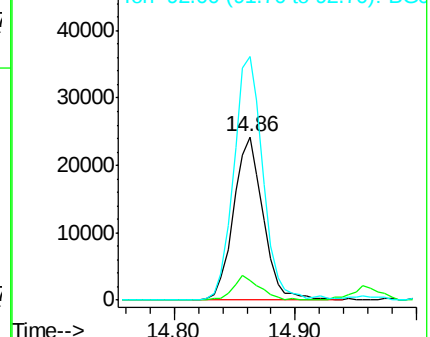
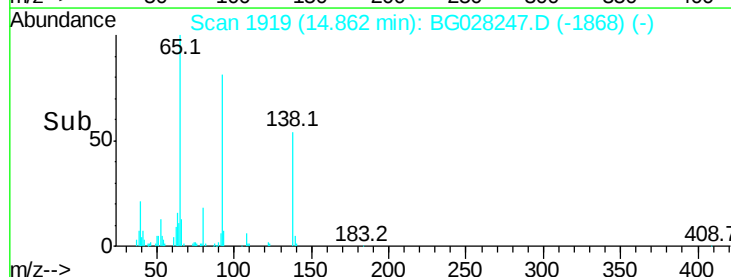
92 149.4 106.4 159.6

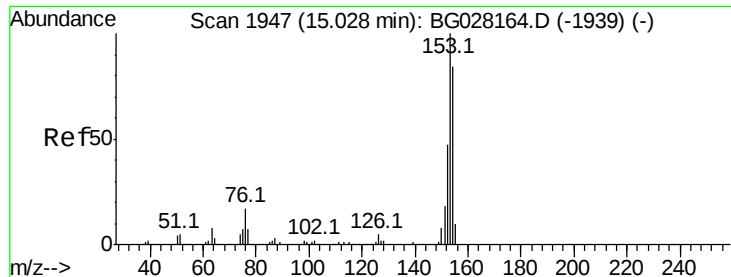


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#49

Acenaphthene

Concen: 19.753 ng/ul

RT: 15.02 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

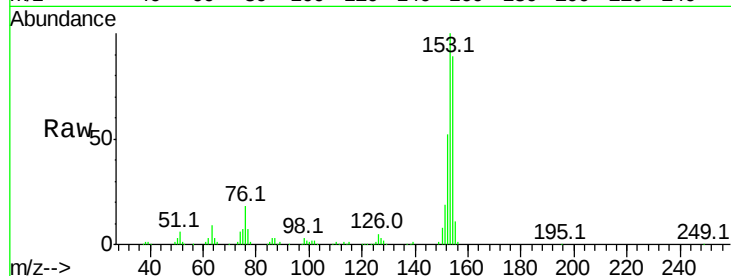
Tot Ion:153 Resp: 178317

Ion Ratio Lower Upper

153 100

152 51.8 36.5 54.7

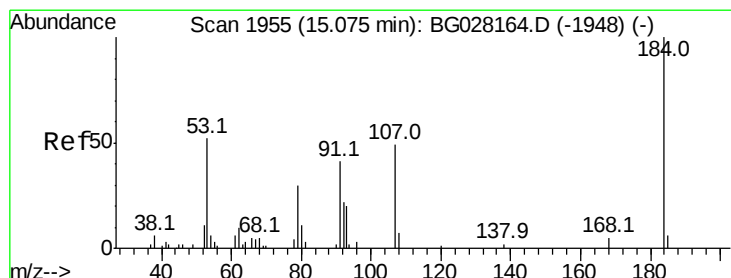
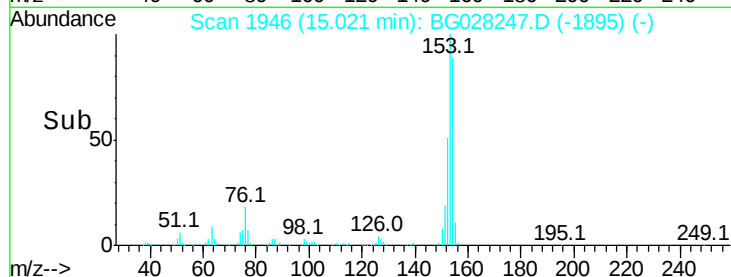
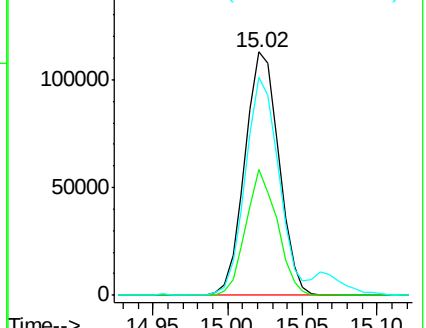
154 89.4 72.3 108.5



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: 18.897 ng/ul

RT: 15.07 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

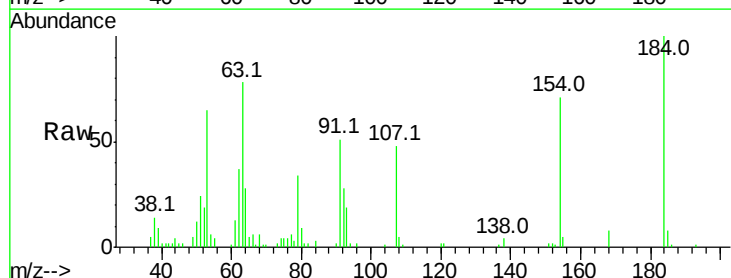
Tgt Ion:184 Resp: 25134

Ion Ratio Lower Upper

184 100

63 78.4 65.1 97.7

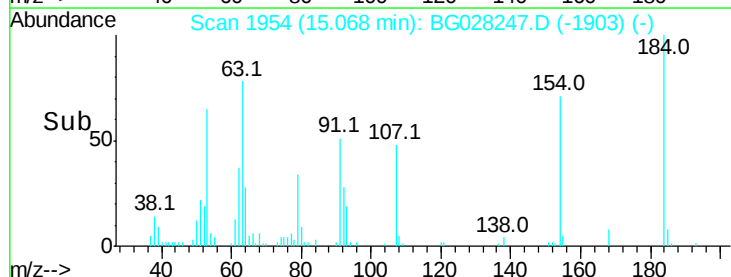
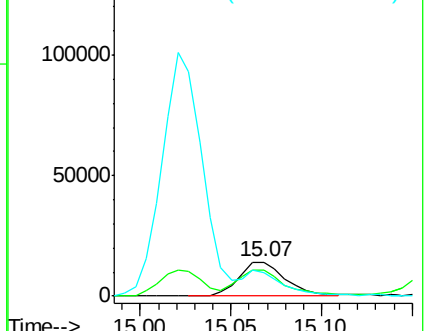
154 70.7 68.2 102.4

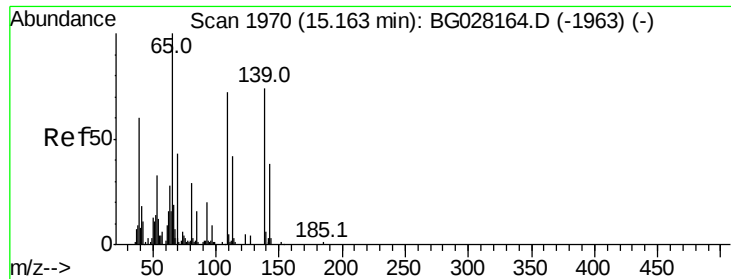


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.347 ng/ul

RT: 15.16 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

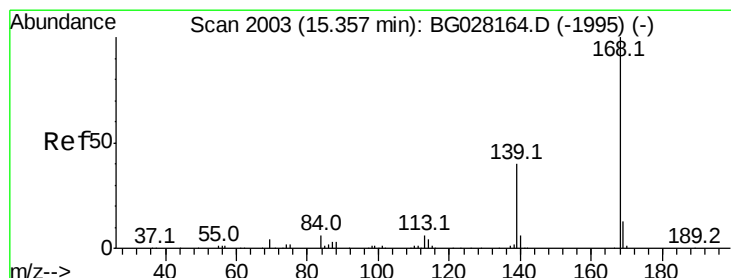
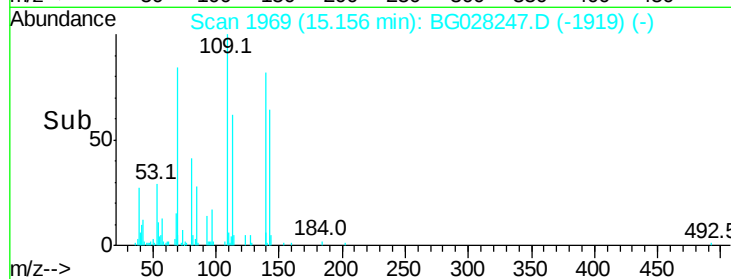
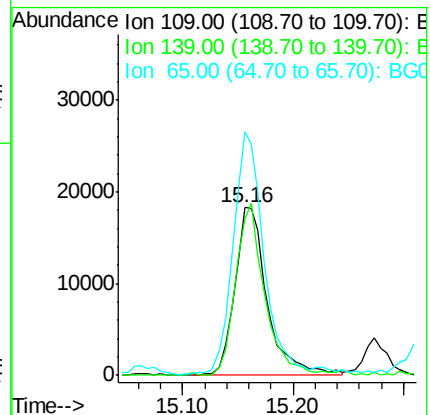
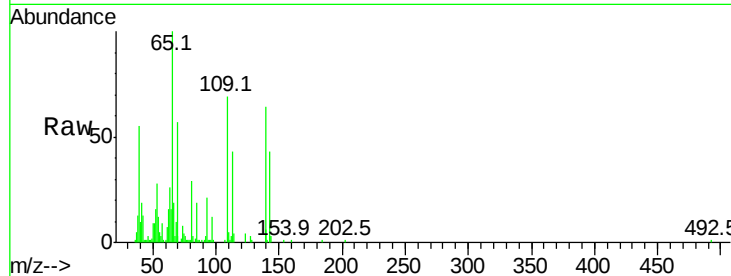
Tot Ion:109 Resp: 37533

Ion Ratio Lower Upper

109 100

139 92.9 62.6 93.8

65 145.0 90.4 135.6#



#53

Dibenzofuran

Concen: 19.623 ng/ul

RT: 15.36 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BG028247.D

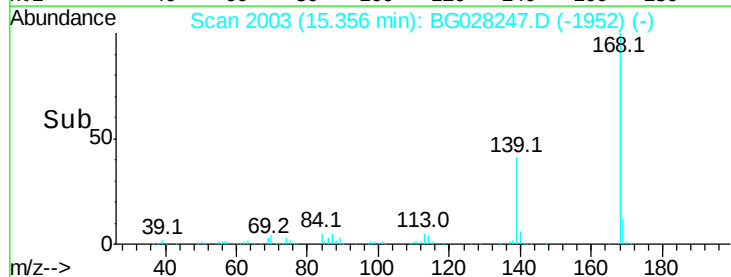
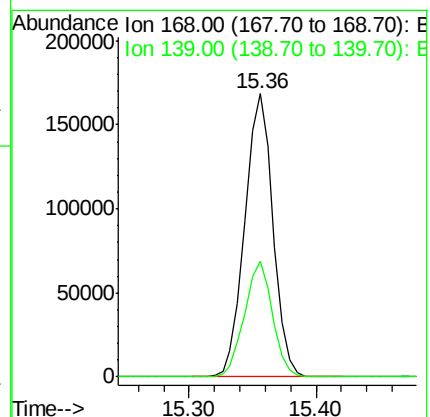
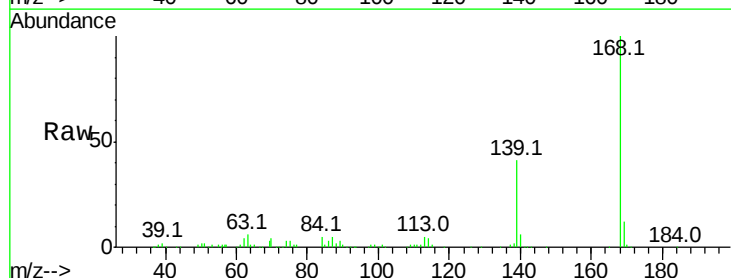
Acq: 10 Aug 2017 5:01

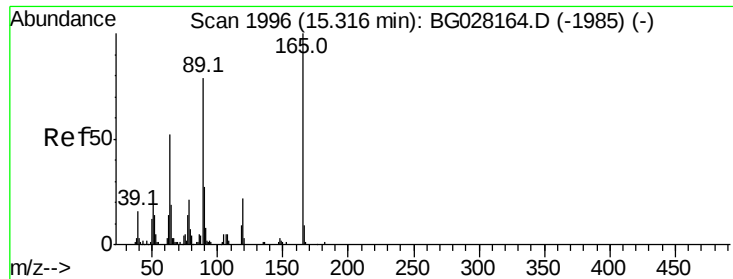
Tgt Ion:168 Resp: 258276

Ion Ratio Lower Upper

168 100

139 41.0 33.8 50.8





#54

2,4-Dinitrotoluene

Concen: 19.704 ng/ul

RT: 15.31 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

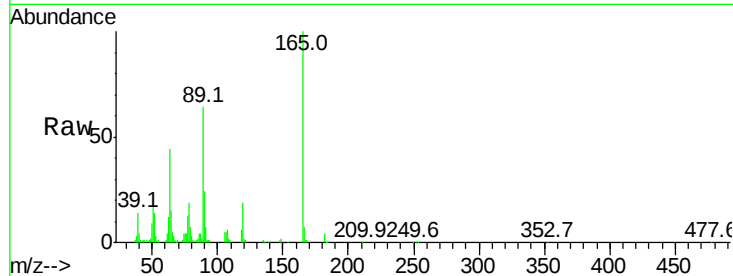
Tot Ion:165 Resp: 70491

Ion Ratio Lower Upper

165 100

63 43.9 46.8 70.2#

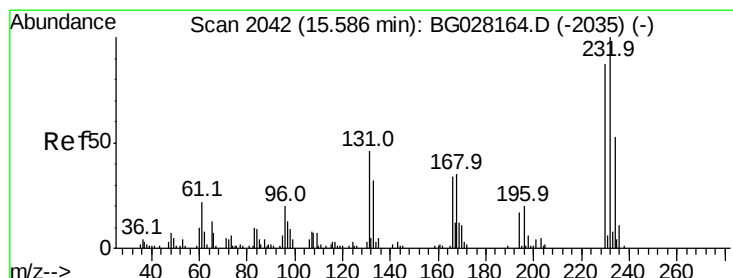
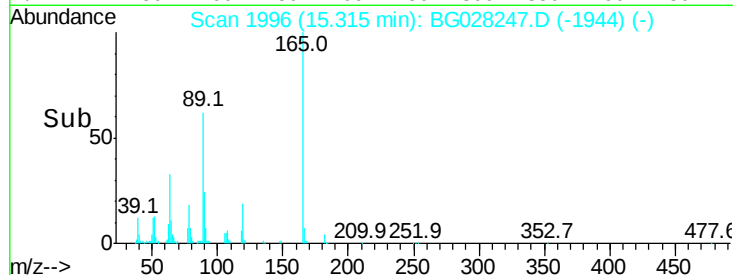
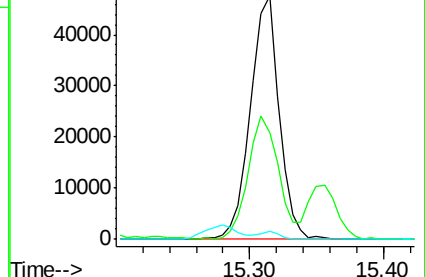
182 4.0 1.8 2.6#



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



#55

2,3,4,6-Tetrachlorophenol

Concen: 21.247 ng/ul

RT: 15.58 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Tgt Ion:232 Resp: 60495

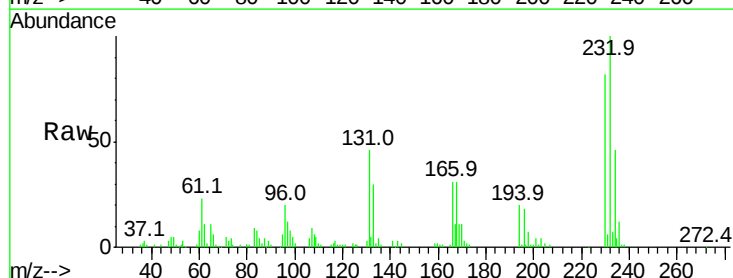
Ion Ratio Lower Upper

232 100

131 46.0 33.3 49.9

130 3.1 1.8 2.6#

166 30.7 21.9 32.9

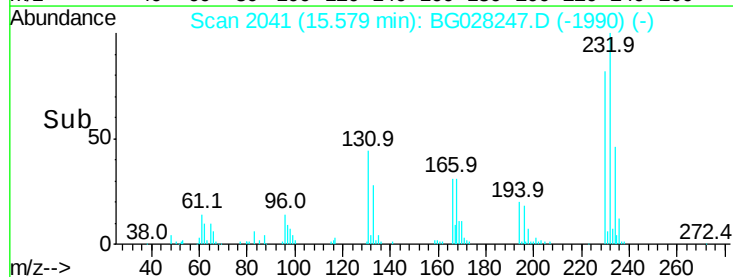
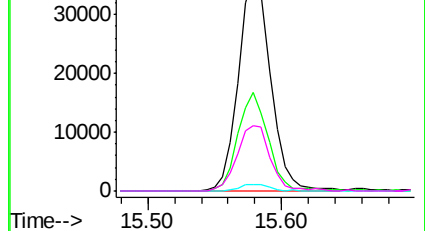


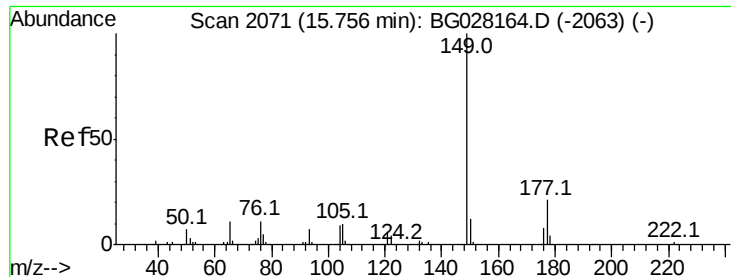
Abundance Ion 232.00 (231.70 to 232.70): E

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





#56

Diethylphthalate

Concen: 18.301 ng/ul

RT: 15.75 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

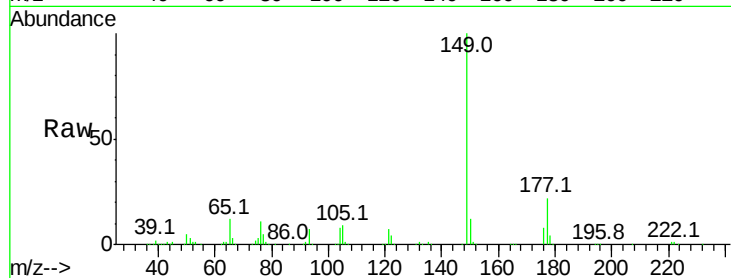
Tot Ion:149 Resp: 245469

Ion Ratio Lower Upper

149 100

177 21.5 17.8 26.8

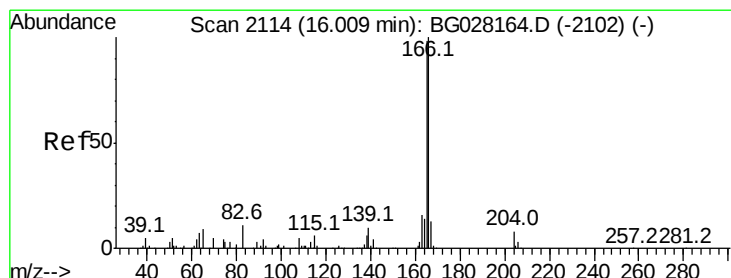
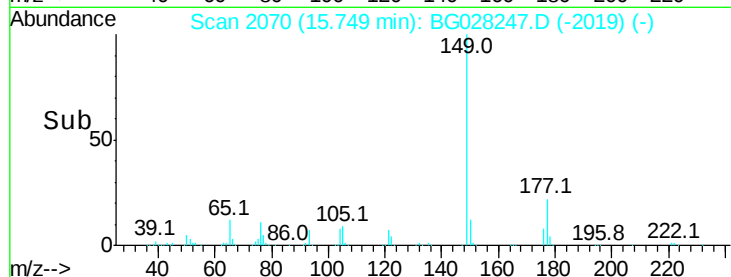
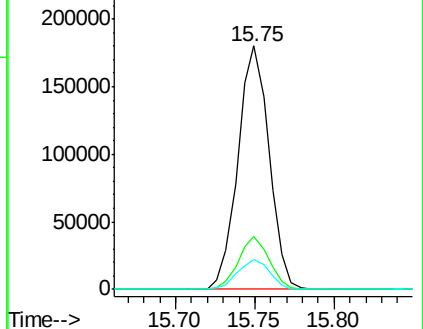
150 12.2 10.2 15.4



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: 18.949 ng/ul

RT: 16.00 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

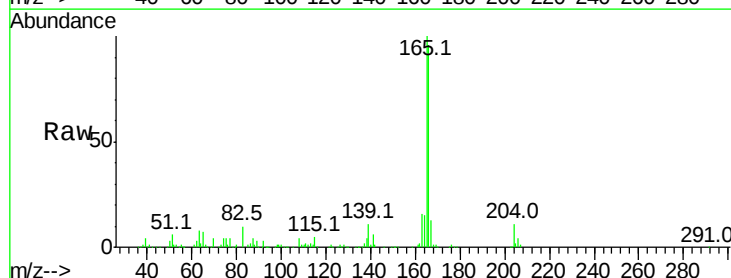
Tgt Ion:166 Resp: 220809

Ion Ratio Lower Upper

166 100

165 104.3 79.7 119.5

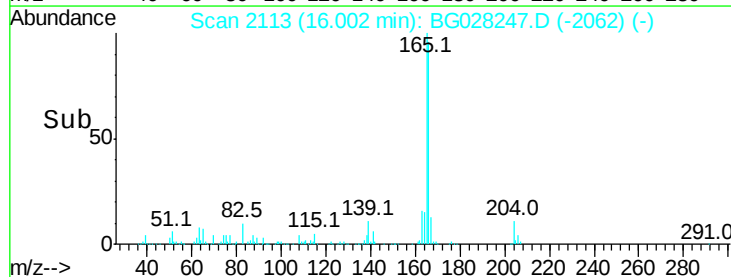
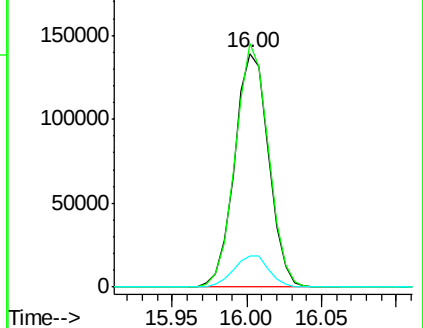
167 13.2 11.4 17.2

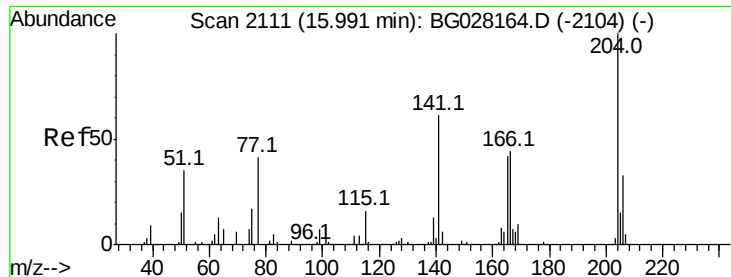


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

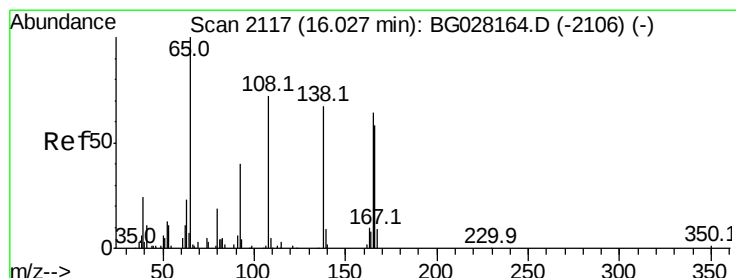
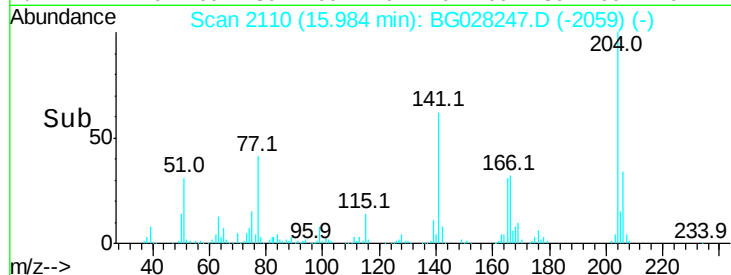
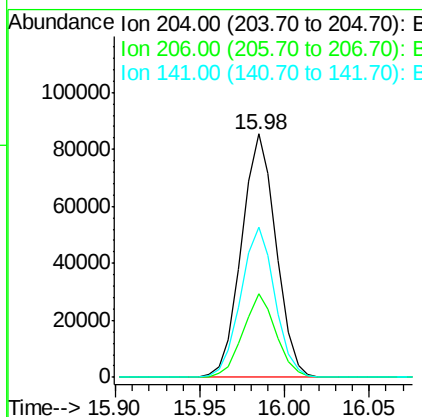
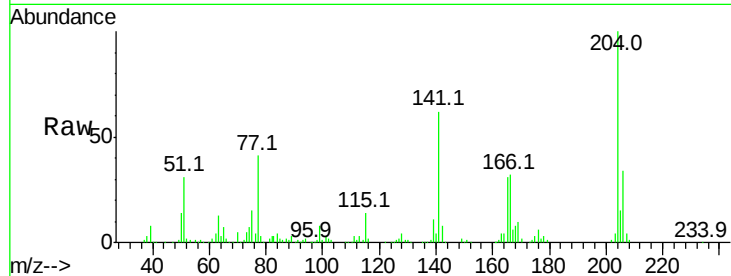




#59  
4-Chlorophenyl-phenylether  
Concen: 19.431 ng/ul  
RT: 15.98 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

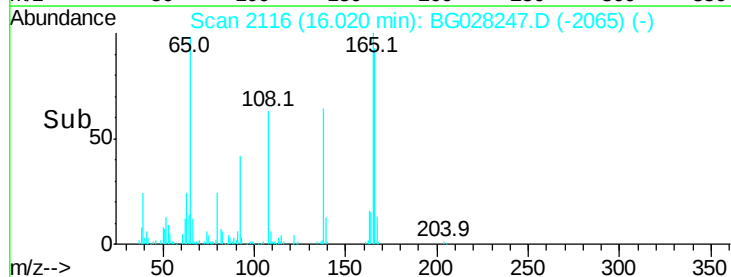
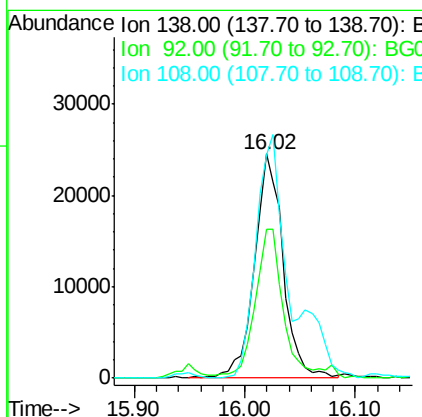
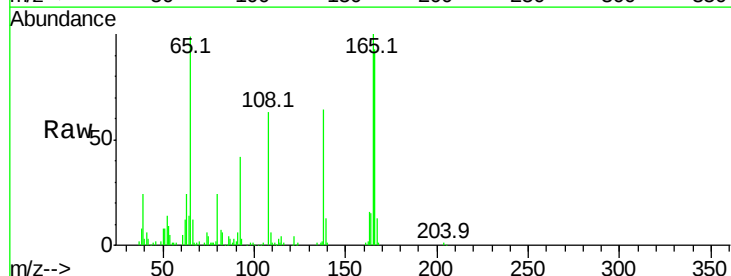
Instrument :  
BNA\_G  
ClientSampled :  
SSTD02058

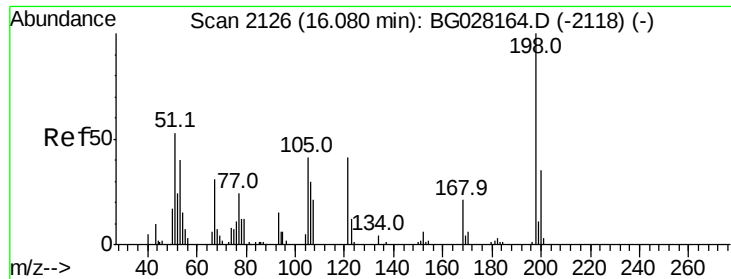
Tot Ion:204 Resp: 121481  
Ion Ratio Lower Upper  
204 100  
206 34.3 32.3 48.5  
141 61.8 57.5 86.3



#60  
4-Nitroaniline  
Concen: 17.763 ng/ul  
RT: 16.02 min Scan# 2116  
Delta R.T. -0.00 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

Tgt Ion:138 Resp: 44796  
Ion Ratio Lower Upper  
138 100  
92 66.2 56.9 85.3  
108 99.5 104.9 157.3#

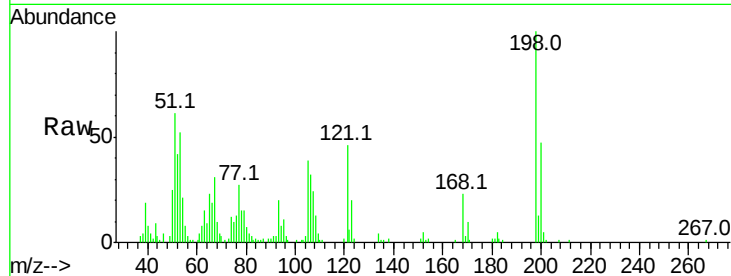




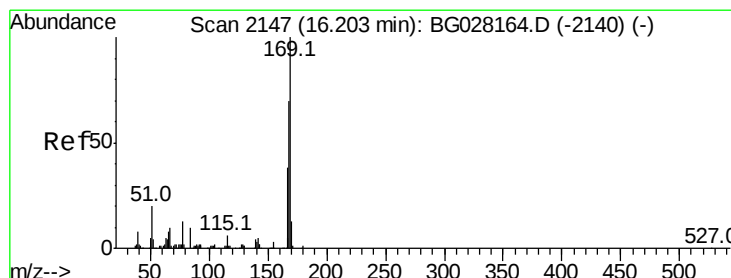
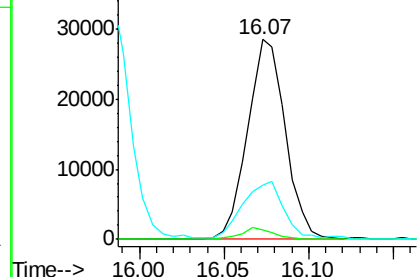
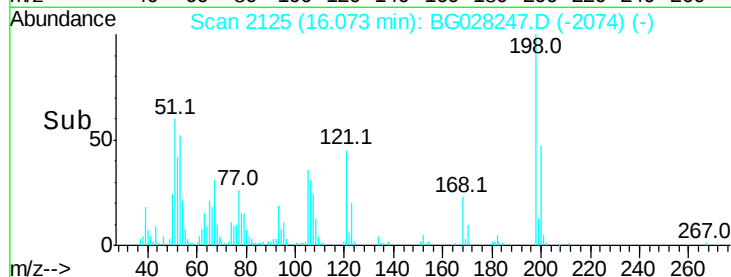
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 19.624 ng/ul  
 RT: 16.07 min Scan# 2125  
 Delta R.T. -0.00 min  
 Lab File: BG028247.D  
 Acq: 10 Aug 2017 5:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02058

Tot Ion:198 Resp: 44329  
 Ion Ratio Lower Upper  
 198 100  
 182 4.8 5.8 6.4#  
 77 26.9 22.1 33.9

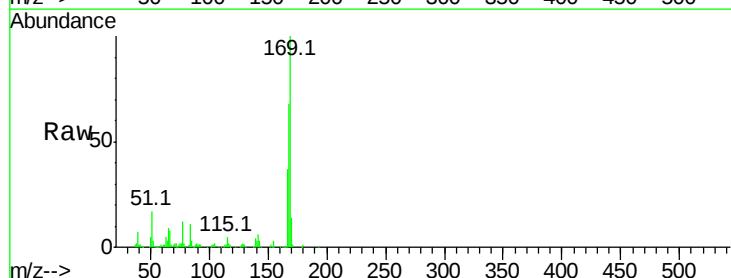


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): B

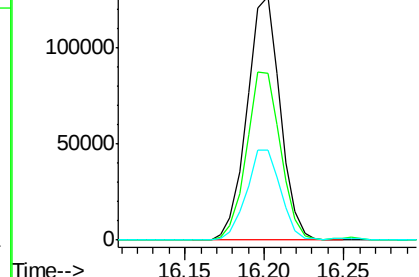
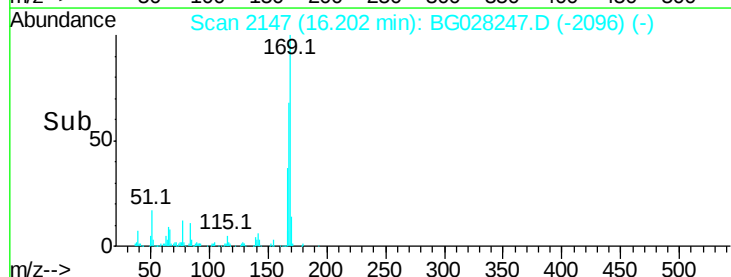


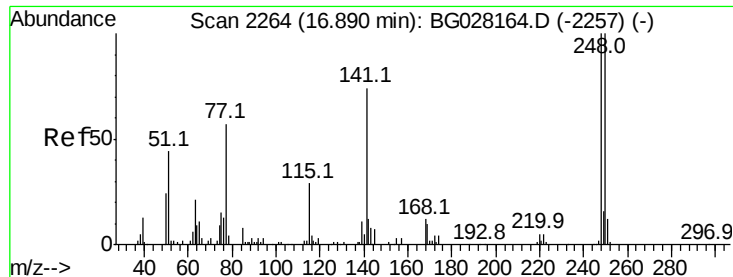
#64  
 N-Nitrosodiphenylamine  
 Concen: 20.377 ng/ul  
 RT: 16.20 min Scan# 2147  
 Delta R.T. -0.00 min  
 Lab File: BG028247.D  
 Acq: 10 Aug 2017 5:01

Tgt Ion:169 Resp: 183847  
 Ion Ratio Lower Upper  
 169 100  
 168 68.5 59.1 88.7  
 167 37.0 29.7 44.5



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

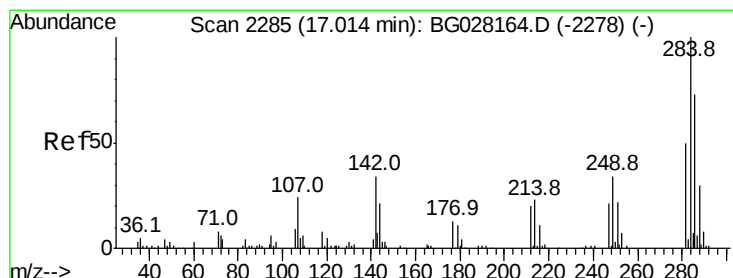
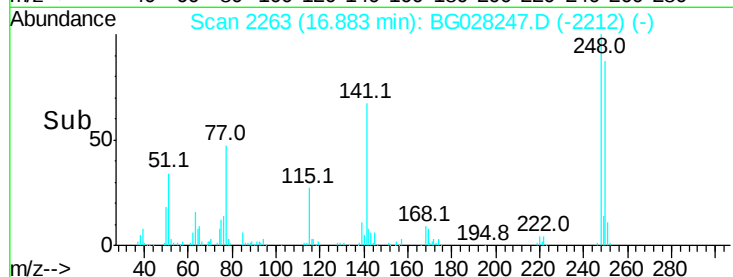
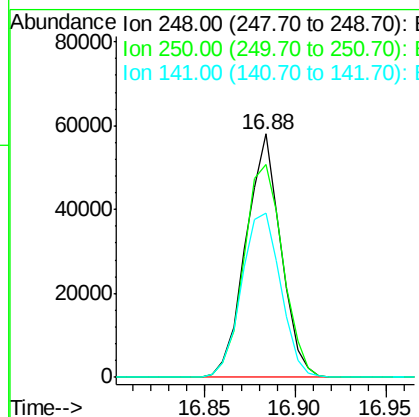
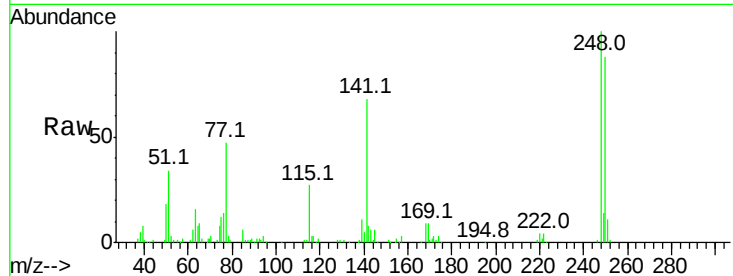




#65  
 4-Bromophenyl-phenylether  
 Concen: 21.094 ng/ul  
 RT: 16.88 min Scan# 2263  
 Delta R.T. -0.00 min  
 Lab File: BG028247.D  
 Acq: 10 Aug 2017 5:01

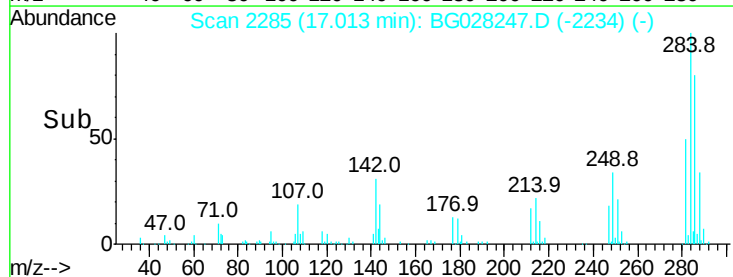
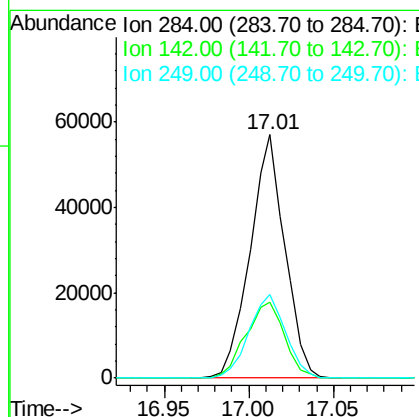
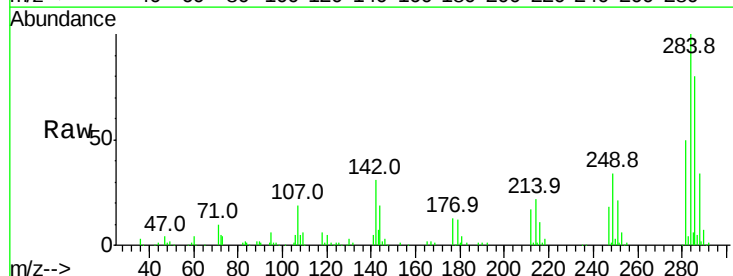
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02058

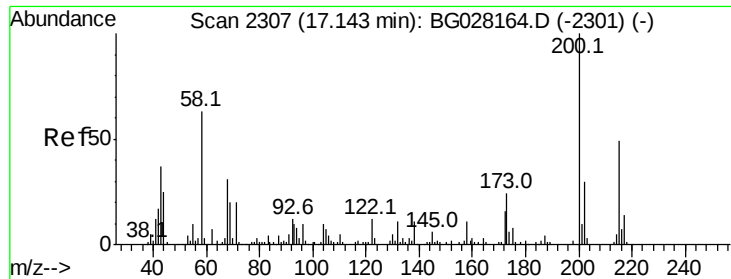
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:248 | Resp: | 77751       |
| Ion         | Ratio | Lower Upper |
| 248         | 100   |             |
| 250         | 87.6  | 71.9 107.9  |
| 141         | 67.5  | 53.8 80.8   |



#66  
 Hexachlorobenzene  
 Concen: 20.676 ng/ul  
 RT: 17.01 min Scan# 2285  
 Delta R.T. -0.00 min  
 Lab File: BG028247.D  
 Acq: 10 Aug 2017 5:01

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:284 | Resp: | 81130       |
| Ion         | Ratio | Lower Upper |
| 284         | 100   |             |
| 142         | 31.0  | 26.1 39.1   |
| 249         | 34.3  | 25.9 38.9   |

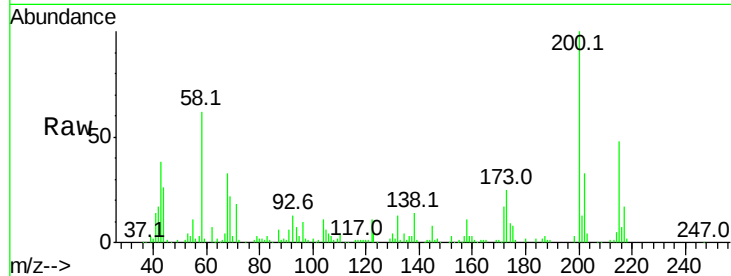




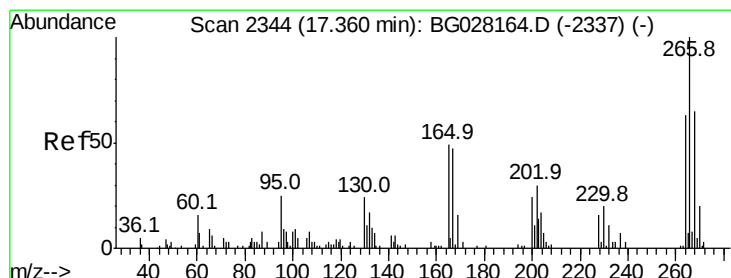
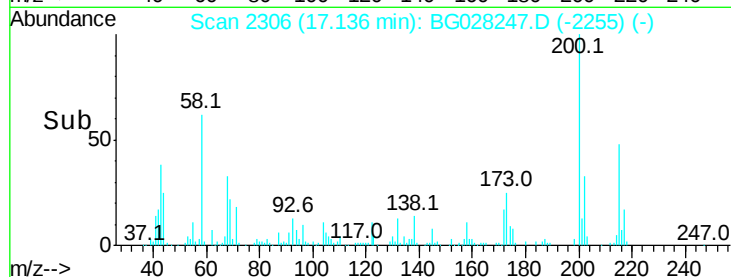
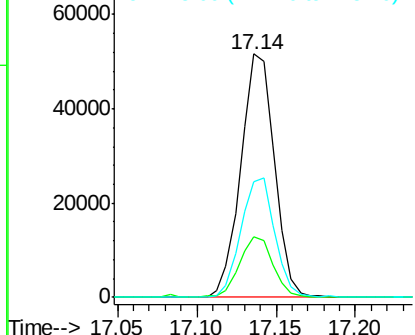
#67  
Atrazine  
Concen: 19.327 ng/ul  
RT: 17.14 min Scan# 2306  
Delta R.T. -0.00 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02058

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.1  | 19.2  | 28.8  |
| 215     | 47.7  | 40.3  | 60.5  |

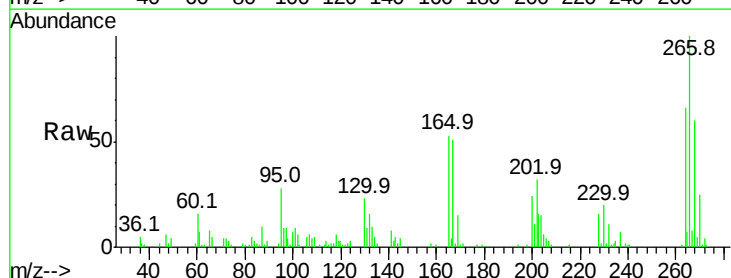


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

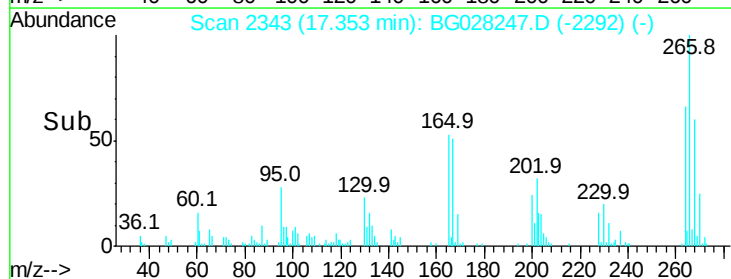
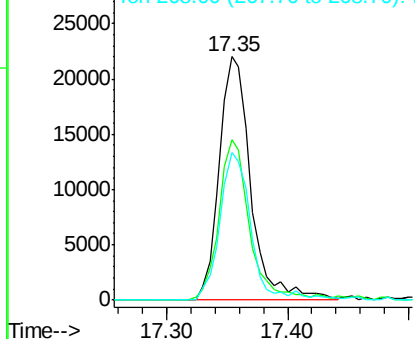


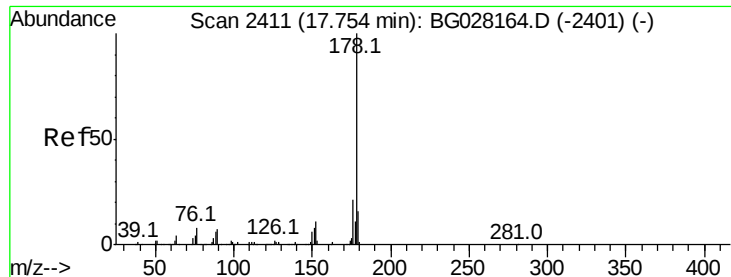
#68  
Pentachlorophenol  
Concen: 20.015 ng/ul  
RT: 17.35 min Scan# 2343  
Delta R.T. -0.00 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 65.8  | 47.1  | 70.7  |
| 268     | 60.5  | 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: 19.915 ng/ul

RT: 17.75 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

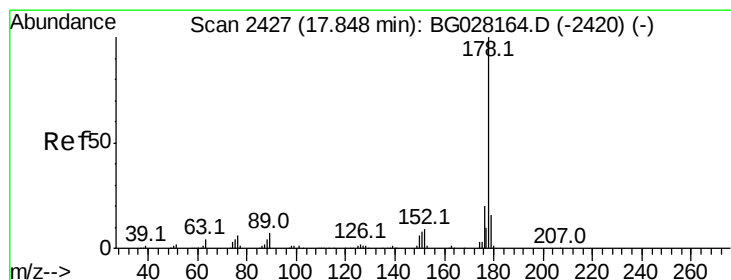
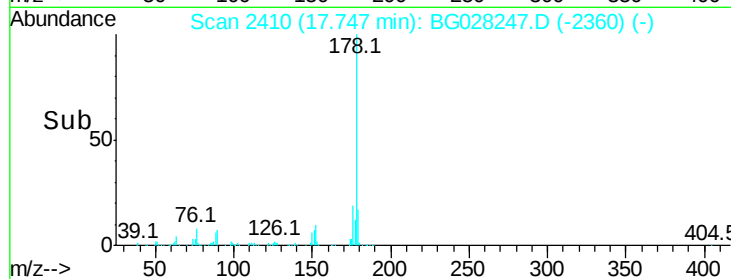
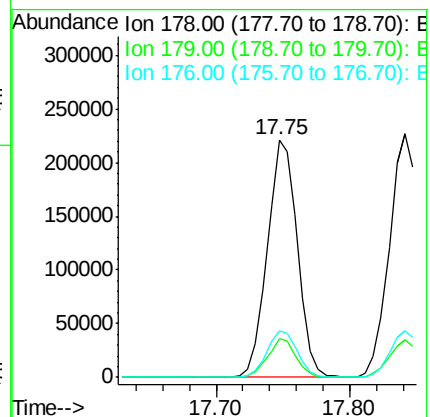
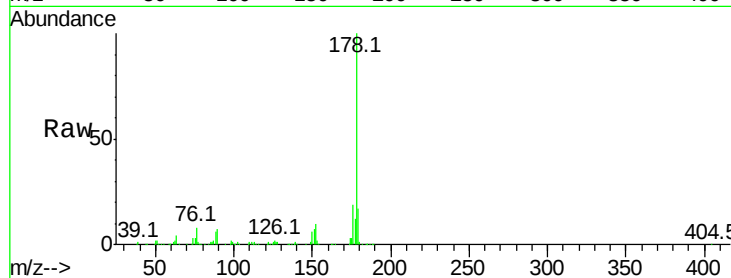
Tot Ion:178 Resp: 343708

Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 19.4 16.5 24.7



#71

Anthracene

Concen: 20.369 ng/ul

RT: 17.84 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

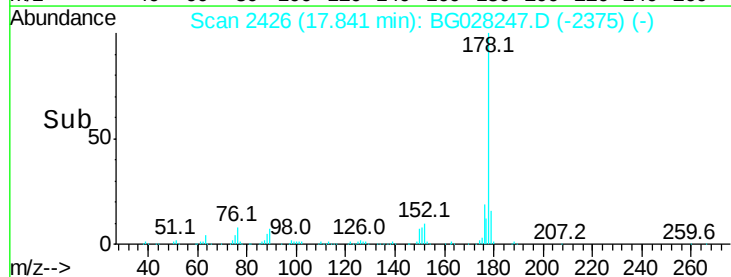
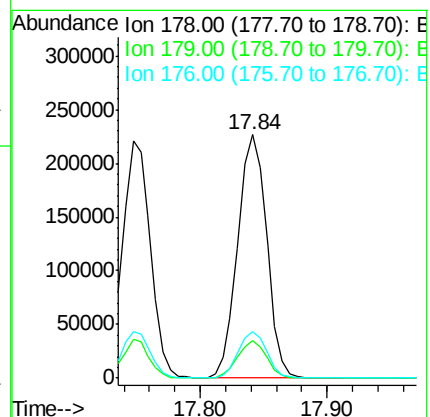
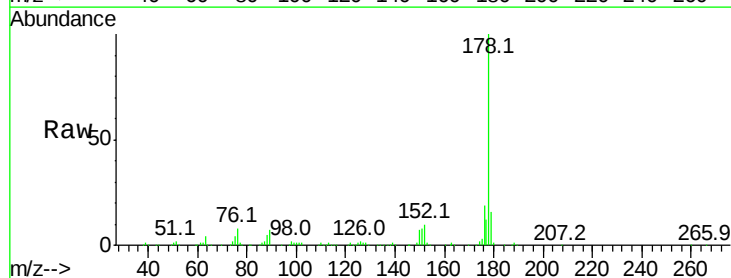
Tgt Ion:178 Resp: 359290

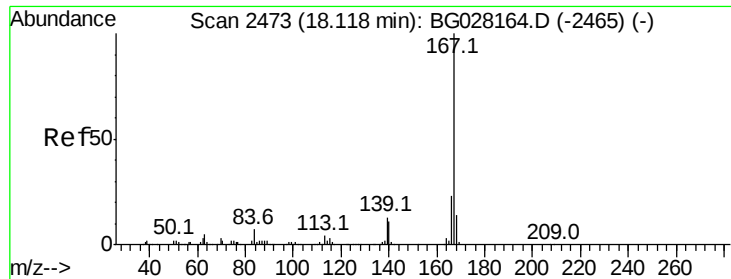
Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 19.3 15.9 23.9





#72

Carbazole

Concen: 19.861 ng/ul

RT: 18.11 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

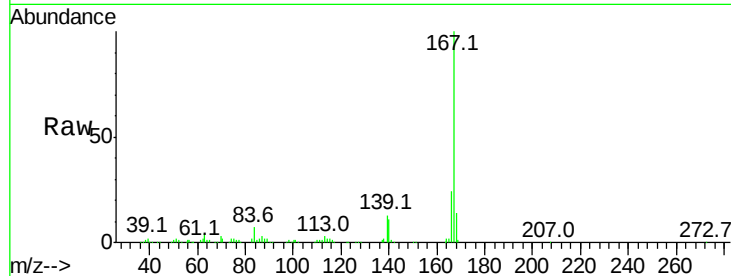
Tot Ion:167 Resp: 304683

Ion Ratio Lower Upper

167 100

166 24.0 17.9 26.9

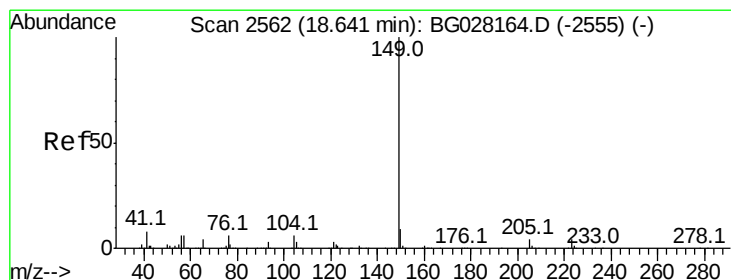
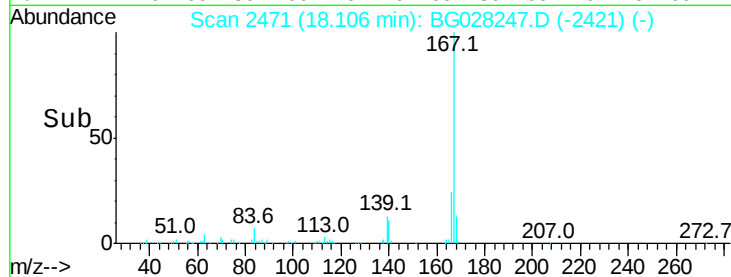
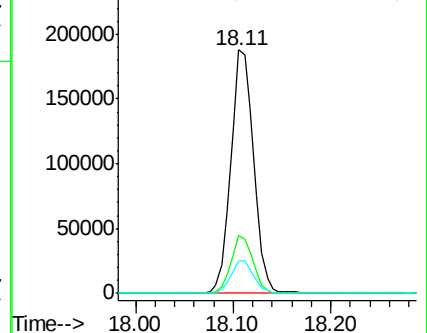
139 13.2 10.5 15.7



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



#73

Di-n-butylphthalate

Concen: 19.486 ng/ul

RT: 18.63 min Scan# 2561

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

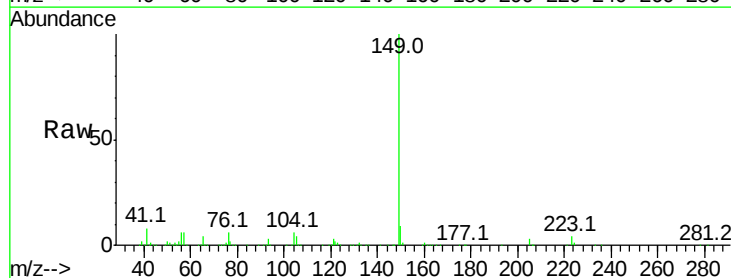
Tgt Ion:149 Resp: 372114

Ion Ratio Lower Upper

149 100

150 9.3 7.9 11.9

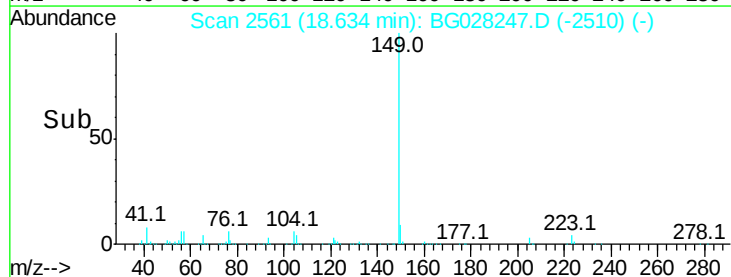
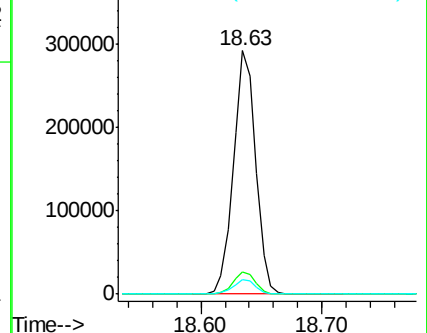
104 6.0 5.8 8.8

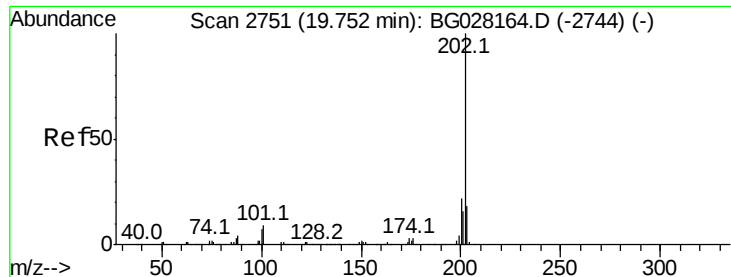


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.129 ng/ul

RT: 19.74 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

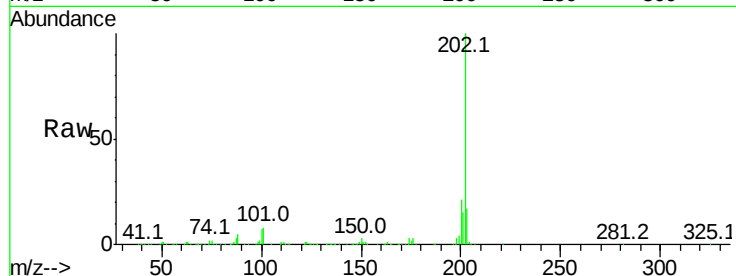
Tot Ion:202 Resp: 422186

Ion Ratio Lower Upper

202 100

101 7.7 6.2 9.2

100 6.6 5.2 7.8

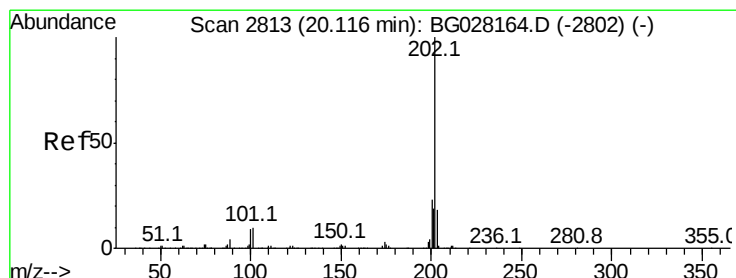
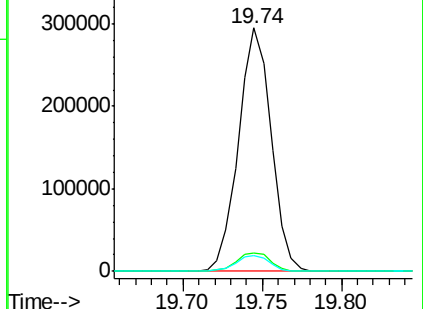
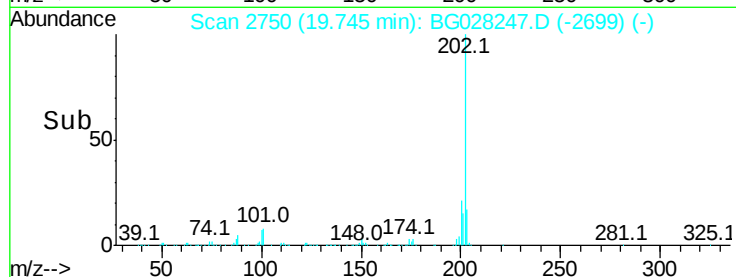


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



#77

Pyrene

Concen: 19.047 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

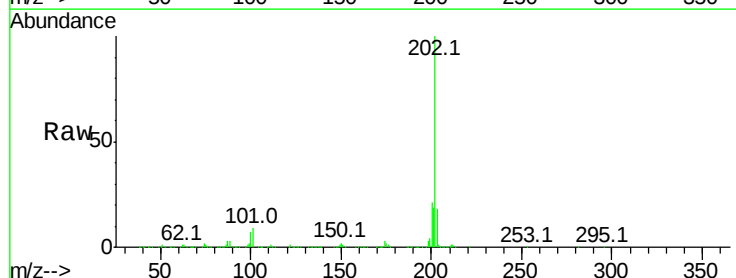
Tgt Ion:202 Resp: 436748

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

100 7.3 6.6 10.0

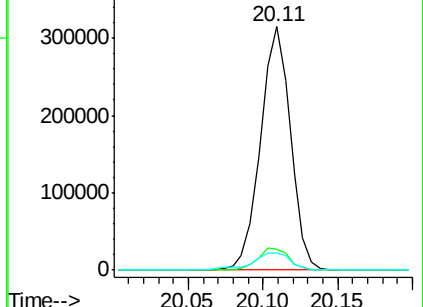
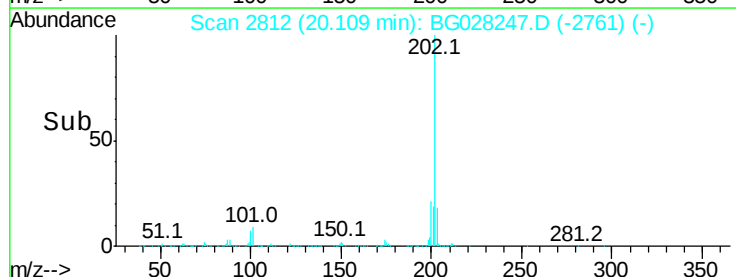


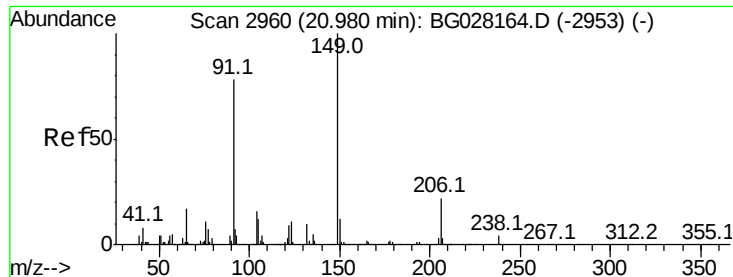
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->

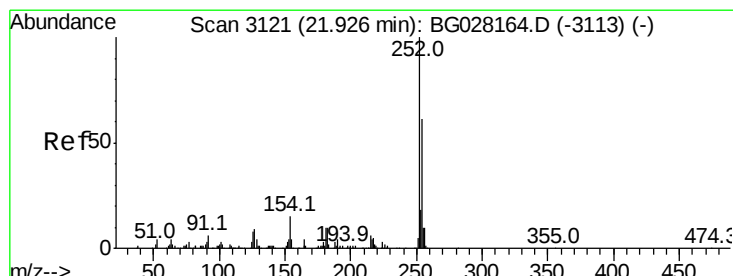
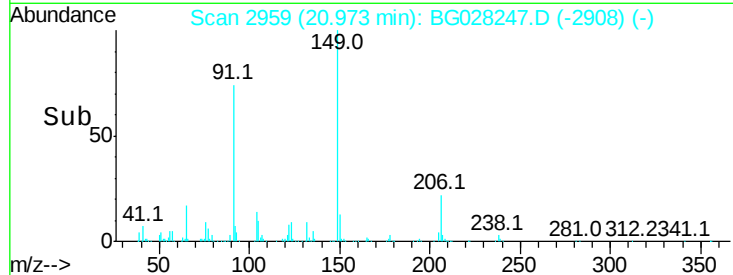
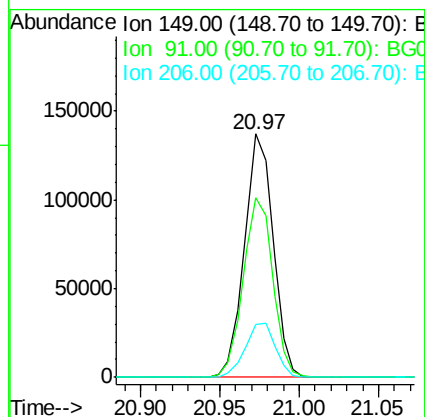
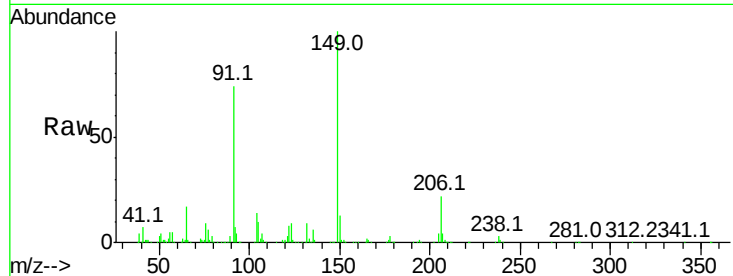




#78  
Butylbenzylphthalate  
Concen: 20.112 ng/ul  
RT: 20.97 min Scan# 2959  
Delta R.T. -0.00 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

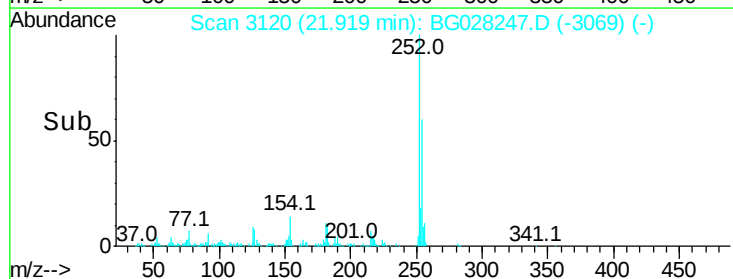
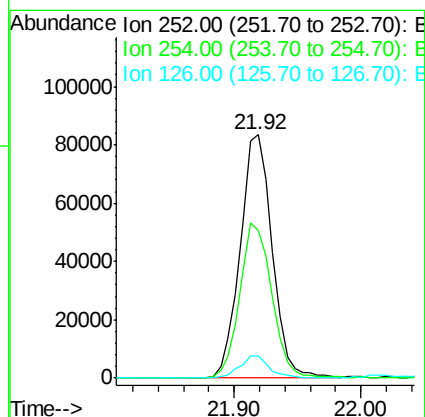
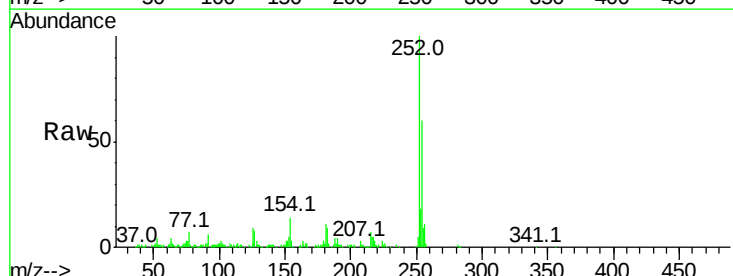
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02058

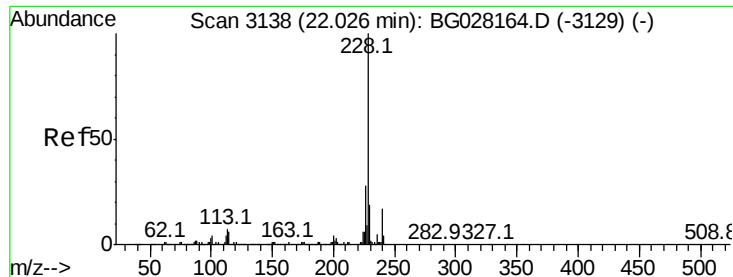
Tot Ion:149 Resp: 172767  
Ion Ratio Lower Upper  
149 100  
91 73.8 65.8 98.6  
206 21.7 20.1 30.1



#79  
3,3'-Dichlorobenzidine  
Concen: 19.708 ng/ul  
RT: 21.92 min Scan# 3120  
Delta R.T. -0.00 min  
Lab File: BG028247.D  
Acq: 10 Aug 2017 5:01

Tgt Ion:252 Resp: 146132  
Ion Ratio Lower Upper  
252 100  
254 60.5 49.0 73.6  
126 9.3 5.1 7.7#





#80

Benzo(a)anthracene

Concen: 19.824 ng/ul

RT: 22.01 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

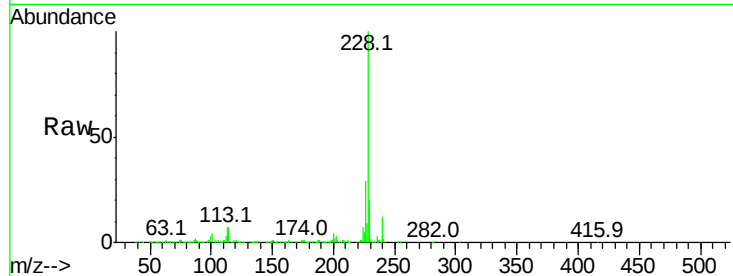
Tot Ion:228 Resp: 440231

Ion Ratio Lower Upper

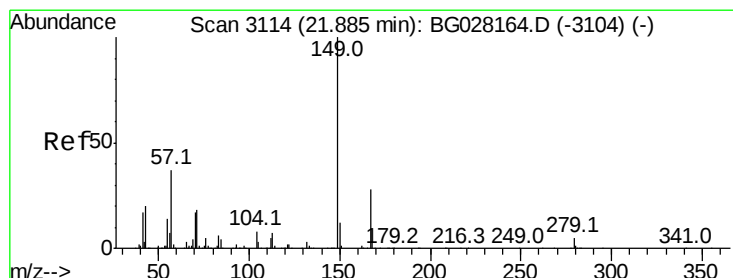
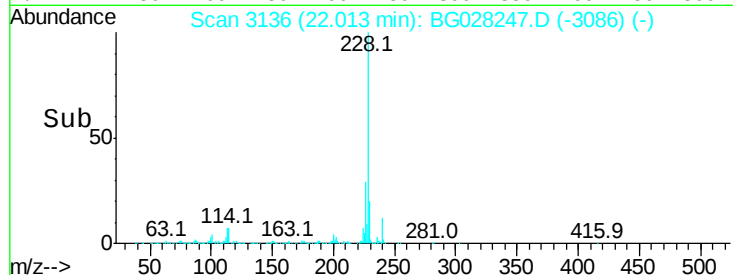
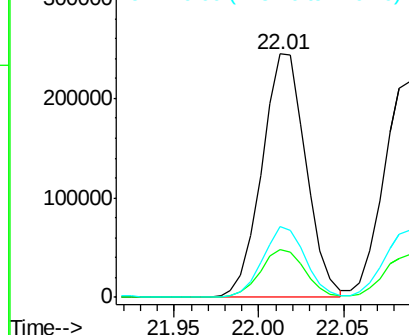
228 100

229 19.7 16.3 24.5

226 28.9 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: 20.286 ng/ul

RT: 21.88 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

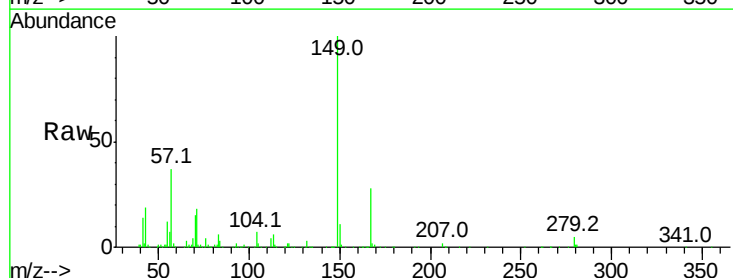
Tgt Ion:149 Resp: 247826

Ion Ratio Lower Upper

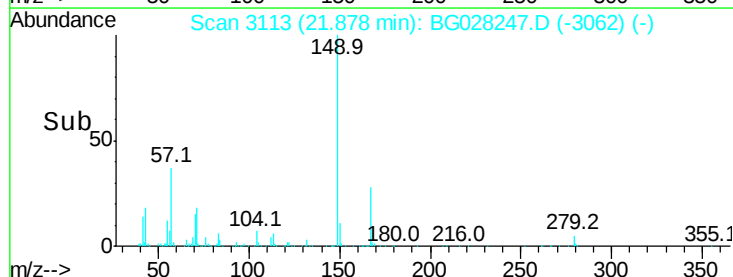
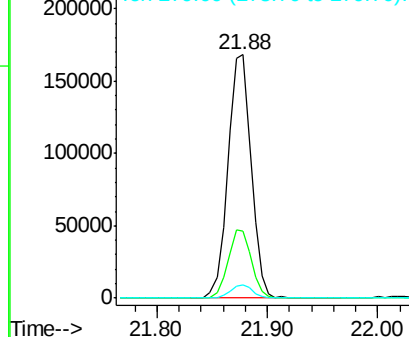
149 100

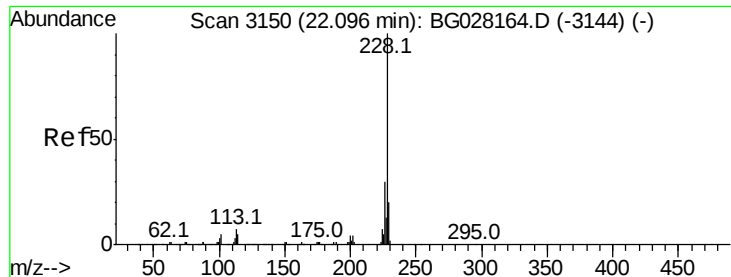
167 27.7 21.8 32.8

279 5.2 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: 19.689 ng/ul

RT: 22.09 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

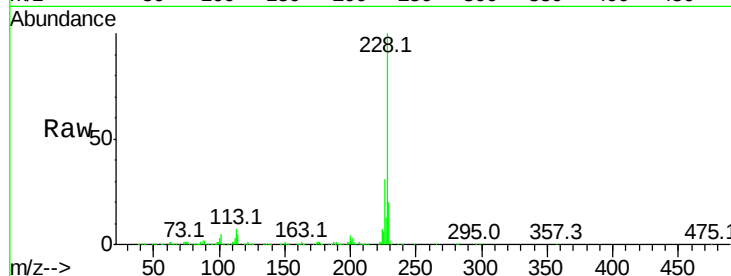
BNA\_G

ClientSampleId :

SSTD02058

Tot Ion:228 Resp: 393767

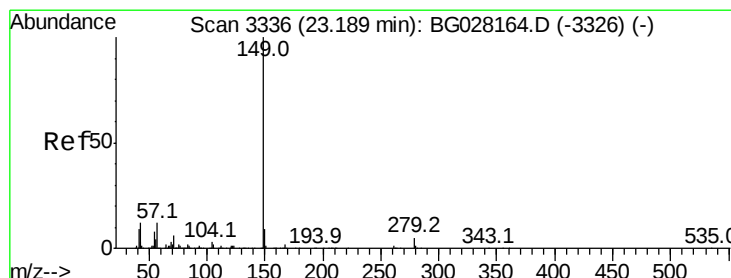
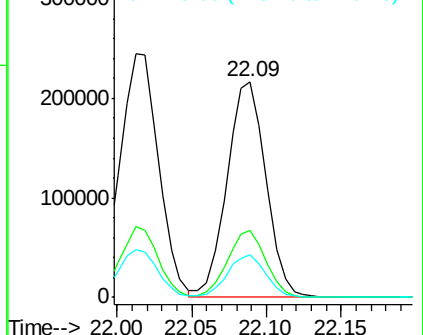
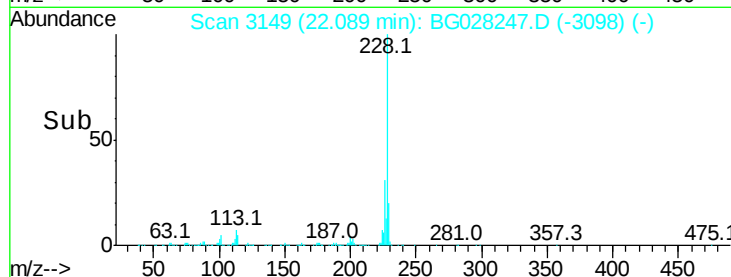
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.2  | 24.0  | 36.0  |
| 229 | 20.1  | 16.9  | 25.3  |



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: 19.104 ng/ul

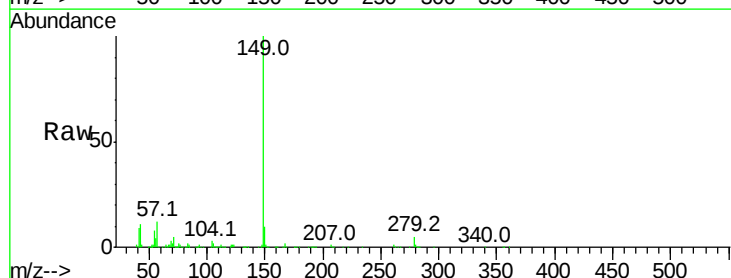
RT: 23.18 min Scan# 3334

Delta R.T. -0.00 min

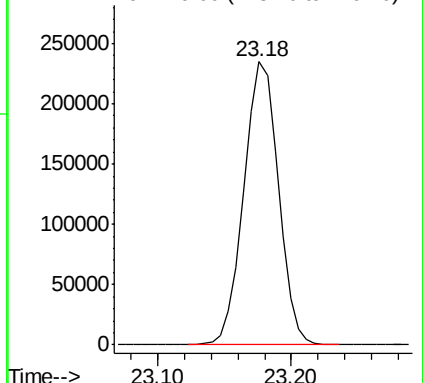
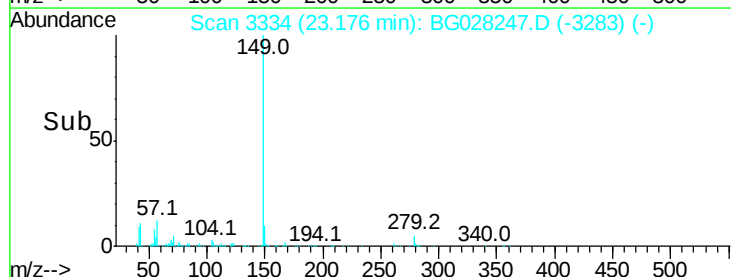
Lab File: BG028247.D

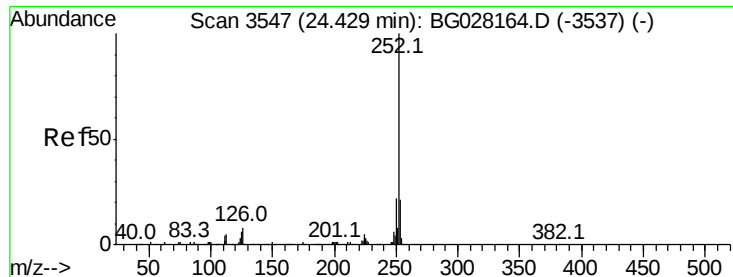
Acq: 10 Aug 2017 5:01

Tgt Ion:149 Resp: 420463



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 19.283 ng/ul

RT: 24.42 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

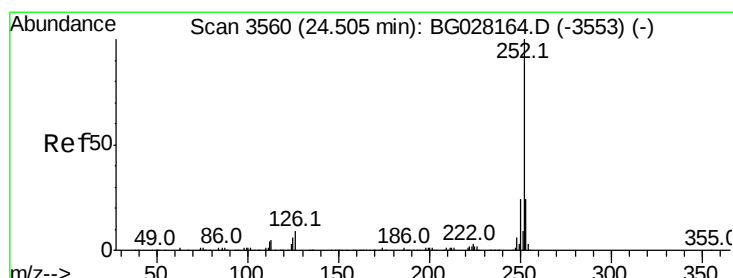
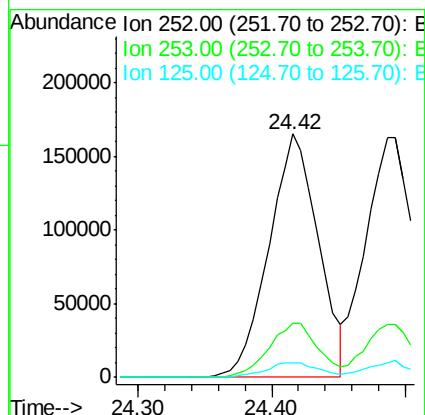
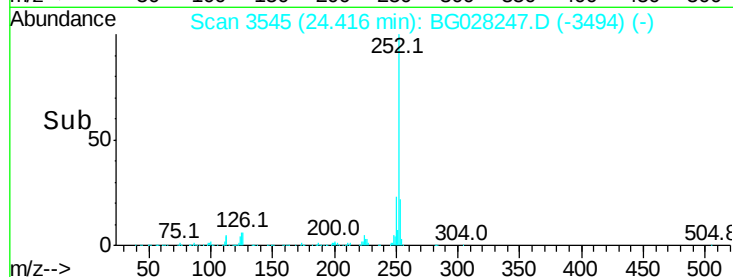
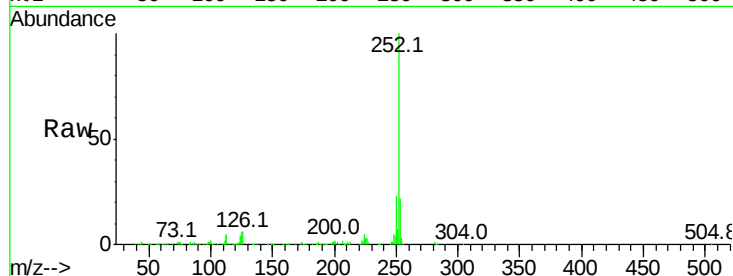
Tot Ion:252 Resp: 423796

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 6.0 4.0 6.0



#86

Benzo(k)fluoranthene

Concen: 19.358 ng/ul

RT: 24.49 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

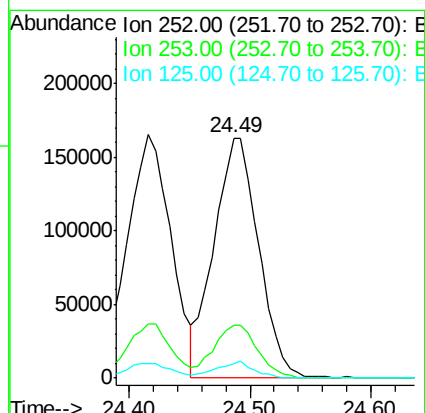
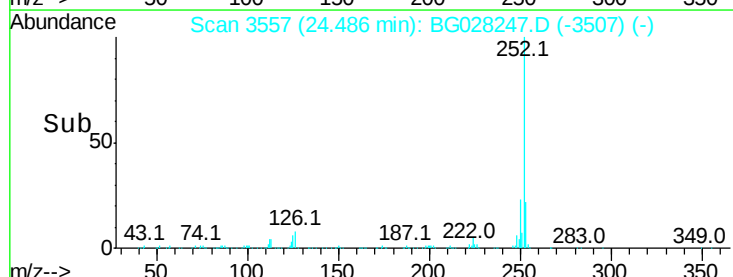
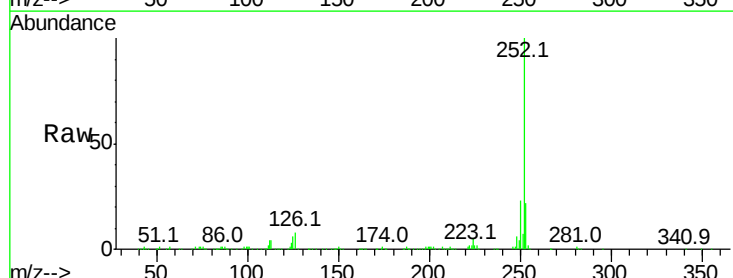
Tgt Ion:252 Resp: 415561

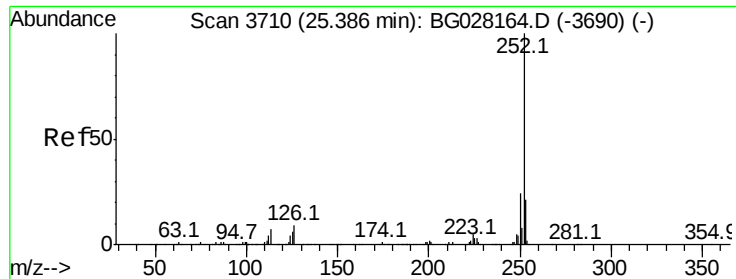
Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

125 6.1 4.1 6.1





#88

Benzo(a)pyrene

Concen: 19.687 ng/ul

RT: 25.37 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

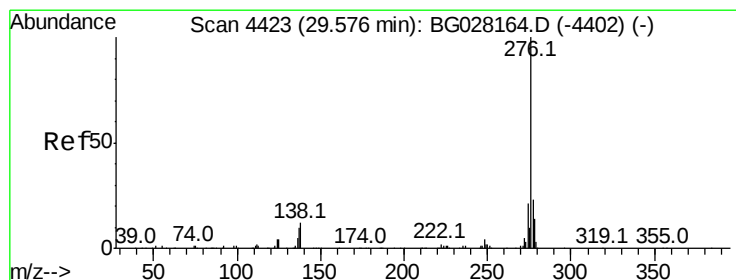
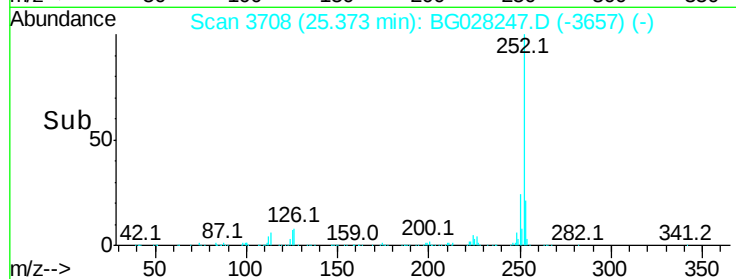
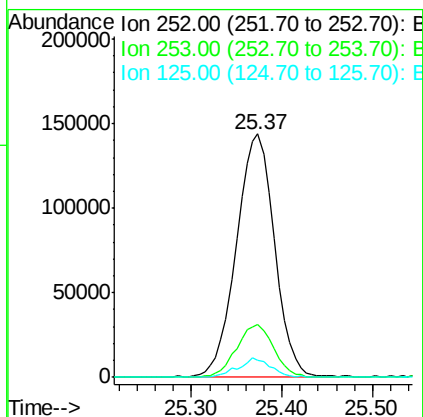
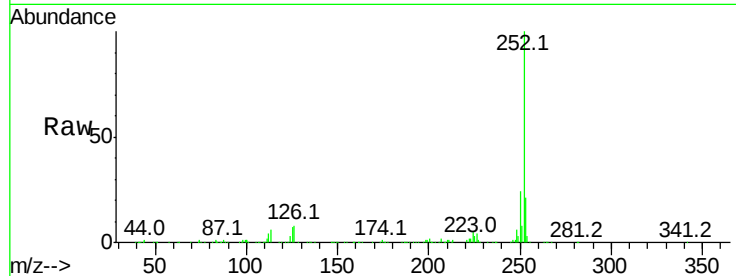
Tot Ion:252 Resp: 418932

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 7.2 5.4 8.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 19.531 ng/ul

RT: 29.55 min Scan# 4419

Delta R.T. 0.01 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

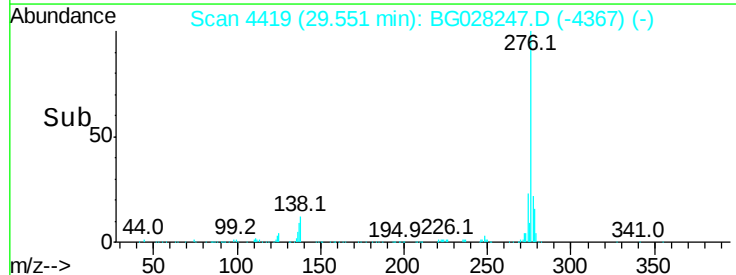
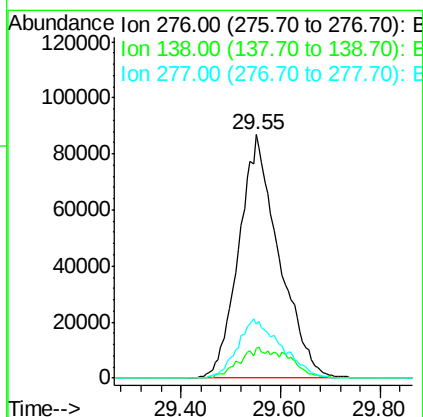
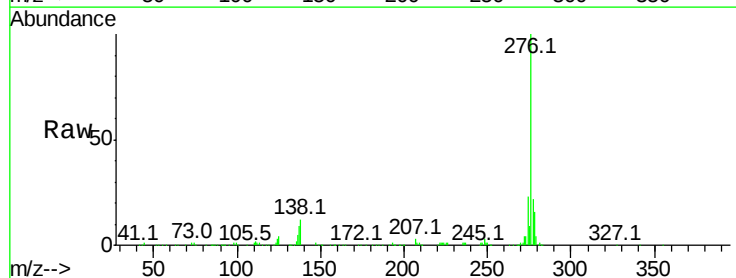
Tgt Ion:276 Resp: 486678

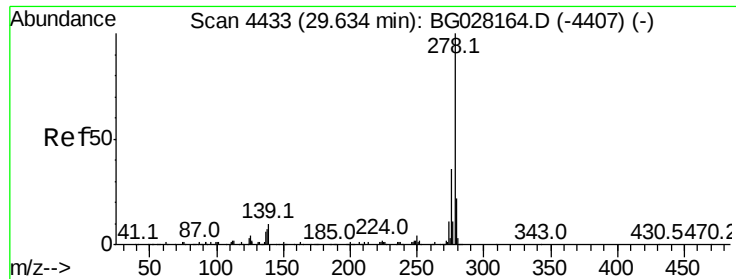
Ion Ratio Lower Upper

276 100

138 12.5 8.2 12.4#

277 22.4 18.6 28.0





#90

Dibenzo(a,h)anthracene

Concen: 19.737 ng/ul

RT: 29.62 min Scan# 4431

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

Instrument :

BNA\_G

ClientSampleId :

SSTD02058

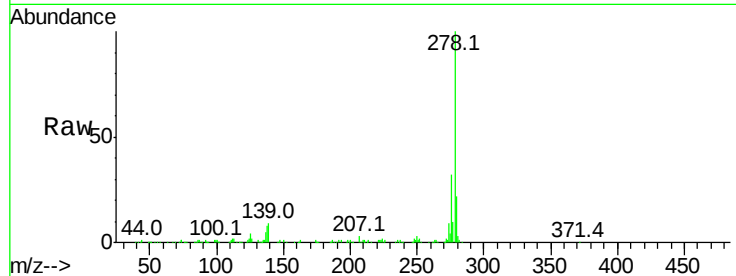
Tot Ion:278 Resp: 412229

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 9.2   | 6.7   | 10.1  |
| 279 | 22.3  | 20.9  | 31.3  |

278 100

139 9.2 6.7 10.1

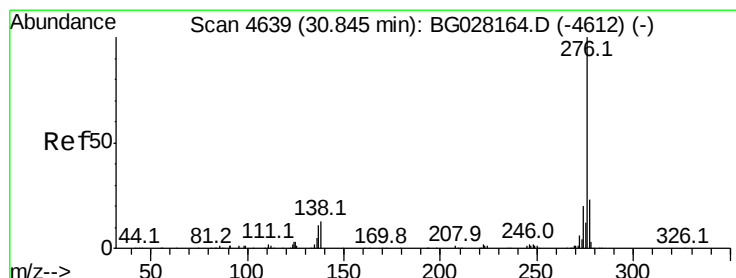
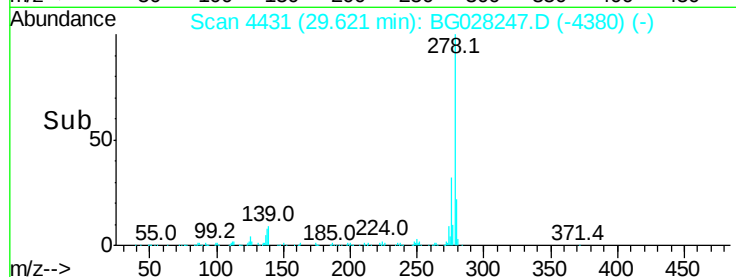
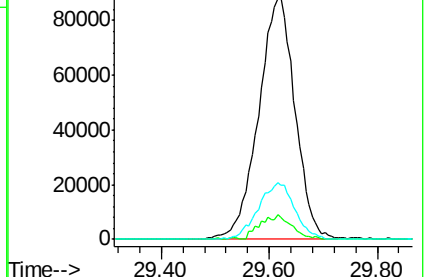
279 22.3 20.9 31.3



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: 19.651 ng/ul

RT: 30.81 min Scan# 4633

Delta R.T. -0.00 min

Lab File: BG028247.D

Acq: 10 Aug 2017 5:01

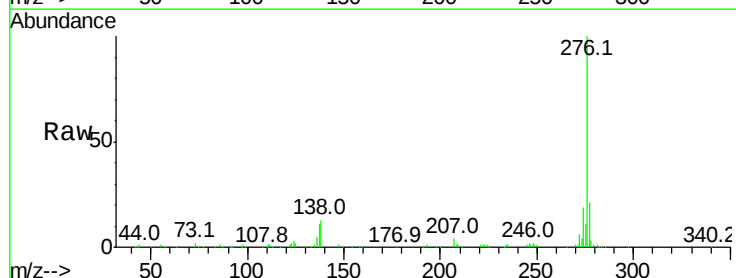
Tgt Ion:276 Resp: 402854

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 12.9  | 8.6   | 12.8# |
| 277 | 20.9  | 17.6  | 26.4  |

276 100

138 12.9 8.6 12.8#

277 20.9 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

