

Data Path : S:\HPCHEM1\BNA\_G\DATA\BG121117\  
 Data File : BG031458.D  
 Acq On : 11 Dec 2017 16:37  
 Operator : SJ/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Quant Time: Dec 11 17:12:34 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG121117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 11 16:31:12 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 50178    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.92 | 136  | 251300   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.74 | 164  | 169715   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.47 | 188  | 405205   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.75 | 240  | 425326   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.03 | 264  | 419917   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.66  | 112 | 466143  | 159.30 | ng | 0.00 |
| 7) Phenol-d6             | 7.28  | 99  | 656426  | 166.51 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.28  | 82  | 664083  | 156.59 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.22 | 330 | 322906  | 117.62 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.36 | 172 | 1720769 | 145.69 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.07 | 244 | 2590009 | 134.46 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 96941  | 81.635 | ng | 85     |
| 3) Pyridine                    | 3.92  | 79  | 281737 | 81.723 | ng | 89     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 141153 | 86.391 | ng | # 94   |
| 6) Aniline                     | 7.43  | 93  | 435391 | 83.919 | ng | 95     |
| 8) 2-Chlorophenol              | 7.67  | 128 | 263620 | 81.634 | ng | 91     |
| 9) Benzaldehyde                | 7.24  | 77  | 143150 | 51.890 | ng | 88     |
| 10) Phenol                     | 7.30  | 94  | 338336 | 82.641 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93  | 276537 | 84.596 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 8.00  | 146 | 301077 | 79.465 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.14  | 146 | 309826 | 80.697 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.47  | 146 | 294937 | 80.036 | ng | 97     |
| 15) Benzyl Alcohol             | 8.35  | 79  | 260701 | 82.443 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63  | 45  | 295597 | 81.867 | ng | 93     |
| 17) 2-Methylphenol             | 8.55  | 107 | 237333 | 83.247 | ng | 96     |
| 18) Hexachloroethane           | 9.19  | 117 | 107399 | 80.373 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70  | 257919 | 86.045 | ng | # 97   |
| 20) 3+4-Methylphenols          | 8.89  | 107 | 338499 | 83.499 | ng | 92     |
| 22) Acetophenone               | 8.94  | 105 | 480821 | 76.844 | ng | # 94   |
| 24) Nitrobenzene               | 9.32  | 77  | 341378 | 78.802 | ng | # 92   |
| 25) Isophorone                 | 9.85  | 82  | 635413 | 76.825 | ng | # 93   |
| 26) 2-Nitrophenol              | 10.03 | 139 | 175918 | 77.906 | ng | 90     |
| 27) 2,4-Dimethylphenol         | 10.09 | 122 | 255967 | 76.355 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93  | 400998 | 76.979 | ng | # 93   |
| 29) 2,4-Dichlorophenol         | 10.58 | 162 | 314408 | 78.103 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180 | 369243 | 76.829 | ng | 97     |
| 31) Naphthalene                | 10.97 | 128 | 939450 | 76.046 | ng | 98     |
| 32) Benzoic acid               | 10.30 | 122 | 188753 | 73.705 | ng | # 80   |
| 33) 4-Chloroaniline            | 11.08 | 127 | 425931 | 78.760 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.25 | 225 | 245193 | 73.563 | ng | 98     |
| 35) Caprolactam                | 11.88 | 113 | 114526 | 69.644 | ng | # 79   |
| 36) 4-Chloro-3-methylphenol    | 12.21 | 107 | 334077 | 76.251 | ng | 87     |
| 37) 2-Methylnaphthalene        | 12.57 | 142 | 737778 | 77.362 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 534081 | 79.289 | ng | 96     |
| 40) Hexachlorocyclopentadiene  | 12.91 | 237 | 180856 | 96.596 | ng | 90     |

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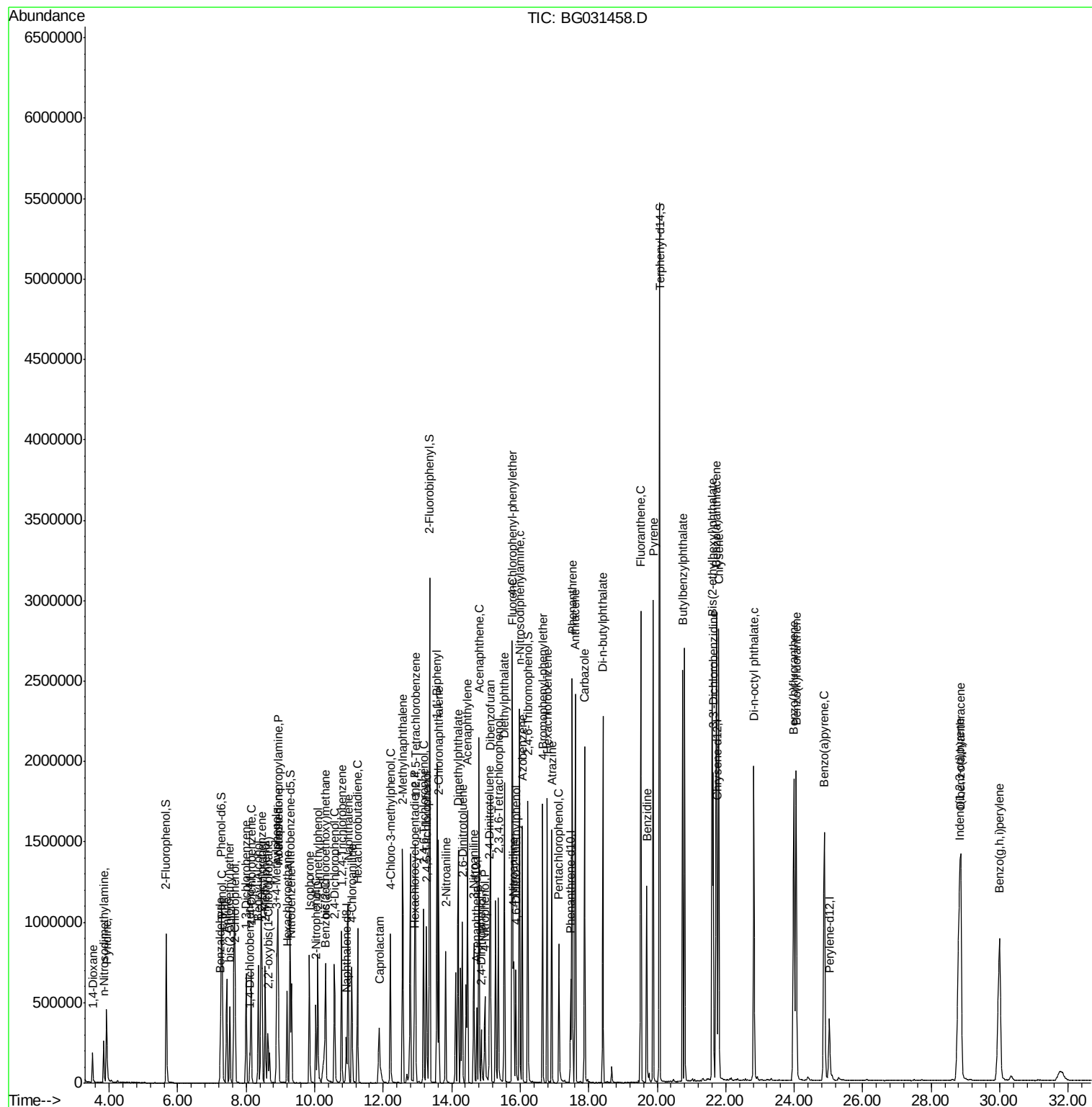
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.18 | 196  | 295189   | 76.659 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.26 | 196  | 324360   | 76.988 | ng    | 93       |
| 45) 1,1'-Biphenyl              | 13.57 | 154  | 1078805  | 76.656 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 13.62 | 162  | 798428   | 78.632 | ng    | 96       |
| 47) 2-Nitroaniline             | 13.82 | 65   | 235737   | 78.328 | ng    | # 88     |
| 48) Acenaphthylene             | 14.46 | 152  | 1250916  | 75.270 | ng    | 98       |
| 49) Dimethylphthalate          | 14.19 | 163  | 1069920  | 72.912 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.31 | 165  | 236945   | 78.340 | ng    | # 84     |
| 51) Acenaphthene               | 14.80 | 154  | 797948   | 76.879 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.65 | 138  | 242327   | 75.455 | ng    | # 82     |
| 53) 2,4-Dinitrophenol          | 14.86 | 184  | 102887   | 71.683 | ng    | # 50     |
| 54) Dibenzofuran               | 15.13 | 168  | 1219155  | 73.744 | ng    | 96       |
| 55) 4-Nitrophenol              | 14.97 | 139  | 166944   | 72.974 | ng    | # 81     |
| 56) 2,4-Dinitrotoluene         | 15.11 | 165  | 331545   | 75.824 | ng    | # 77     |
| 57) Fluorene                   | 15.78 | 166  | 973401   | 72.523 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 285765   | 71.167 | ng    | 92       |
| 59) Diethylphthalate           | 15.53 | 149  | 1051421  | 70.538 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.76 | 204  | 607897   | 74.992 | ng    | 94       |
| 61) 4-Nitroaniline             | 15.81 | 138  | 249939   | 73.496 | ng    | 93       |
| 62) Azobenzene                 | 16.06 | 77   | 870185   | 76.548 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.88 | 198  | 206966   | 76.843 | ng    | 77       |
| 65) n-Nitrosodiphenylamine     | 15.98 | 169  | 946350   | 77.072 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.66 | 248  | 384615   | 74.943 | ng    | 100      |
| 67) Hexachlorobenzene          | 16.79 | 284  | 385829   | 70.754 | ng    | 96       |
| 68) Atrazine                   | 16.92 | 200  | 325906   | 64.330 | ng    | 97       |
| 69) Pentachlorophenol          | 17.13 | 266  | 187832   | 62.313 | ng    | 99       |
| 70) Phenanthrene               | 17.52 | 178  | 1567403  | 74.292 | ng    | 96       |
| 71) Anthracene                 | 17.61 | 178  | 1581130  | 74.793 | ng    | 97       |
| 72) Carbazole                  | 17.88 | 167  | 1427331  | 72.058 | ng    | 97       |
| 73) Di-n-butylphthalate        | 18.41 | 149  | 1690347  | 69.502 | ng    | 98       |
| 74) Fluoranthene               | 19.52 | 202  | 1928315  | 72.187 | ng    | 95       |
| 76) Benzidine                  | 19.69 | 184  | 777352   | 56.897 | ng    | # 94     |
| 77) Pyrene                     | 19.88 | 202  | 1959660  | 77.645 | ng    | 94       |
| 79) Butylbenzylphthalate       | 20.75 | 149  | 782218   | 77.731 | ng    | 87       |
| 80) Benzo(a)anthracene         | 21.73 | 228  | 1955497  | 74.017 | ng    | 95       |
| 81) 3,3'-Dichlorobenzidine     | 21.63 | 252  | 713000   | 66.857 | ng    | 96       |
| 82) Chrysene                   | 21.80 | 228  | 1844253  | 75.463 | ng    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 21.60 | 149  | 1099677  | 75.704 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.83 | 149  | 1865457  | 78.902 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.82 | 276  | 2211141  | 74.423 | ng    | # 90     |
| 87) Benzo(b)fluoranthene       | 23.99 | 252  | 1956045  | 77.008 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 24.05 | 252  | 1969961  | 78.244 | ng    | 97       |
| 89) Benzo(a)pyrene             | 24.88 | 252  | 1892243  | 78.418 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 28.86 | 278  | 1864389  | 75.592 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 29.99 | 276  | 1825995  | 76.280 | ng    | 97       |

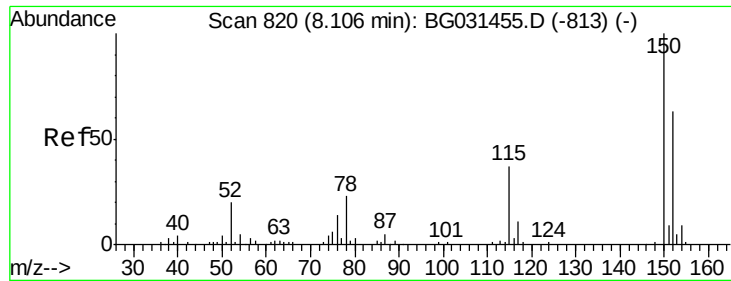
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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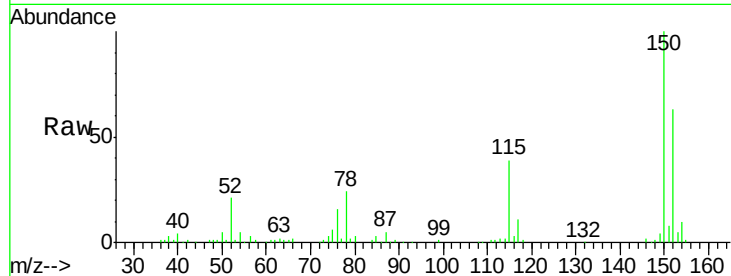


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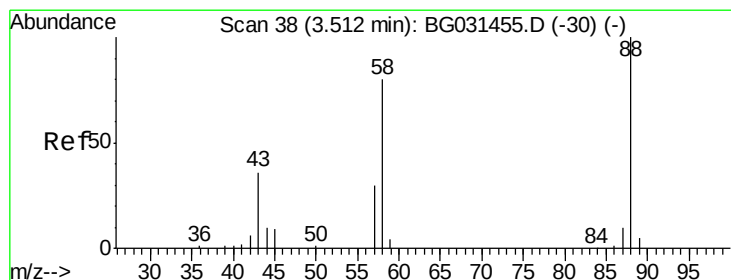
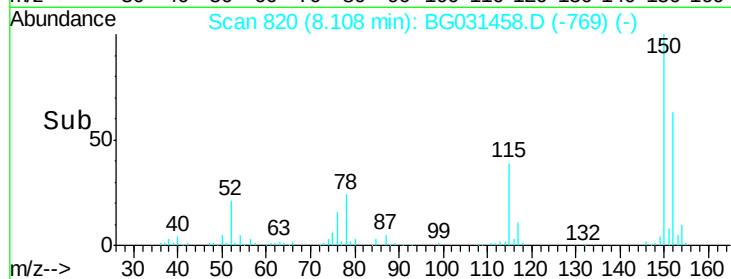
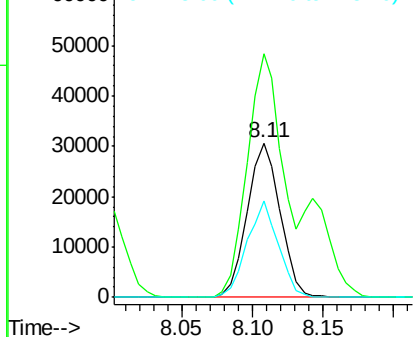
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.11 min Scan# 820  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:152 Resp: 50178  
 Ion Ratio Lower Upper  
 152 100  
 150 157.5 126.6 189.8  
 115 62.0 53.0 79.4



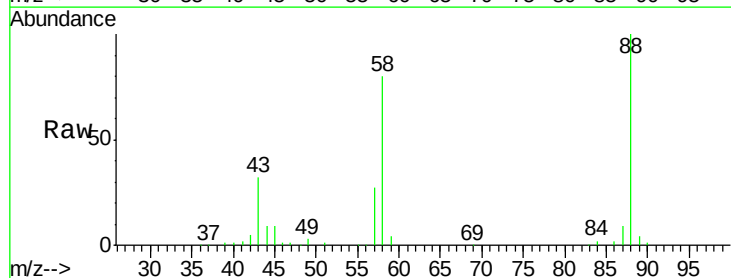
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



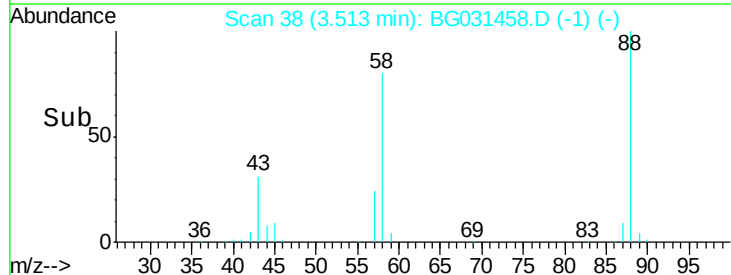
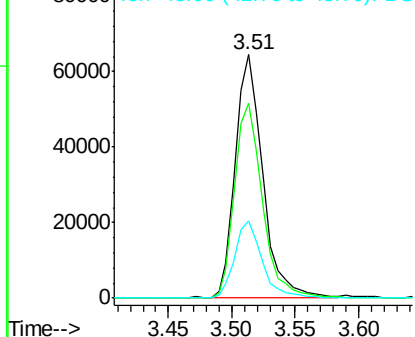
#2

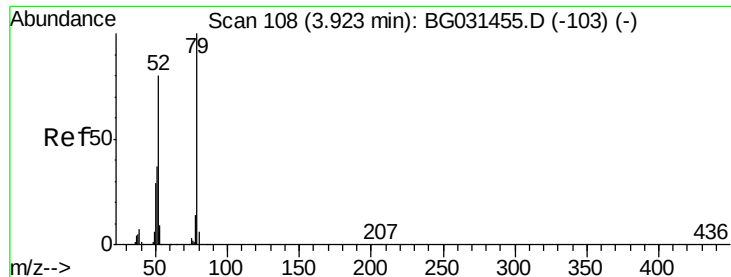
1,4-Dioxane  
 Concen: 81.635 ng  
 RT: 3.51 min Scan# 38  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

Tgt Ion: 88 Resp: 96941  
 Ion Ratio Lower Upper  
 88 100  
 58 81.0 79.6 119.4  
 43 31.8 27.4 41.0



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





#3

Pyridine

Concen: 81.723 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

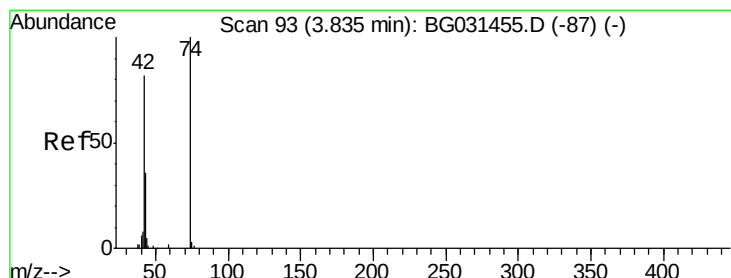
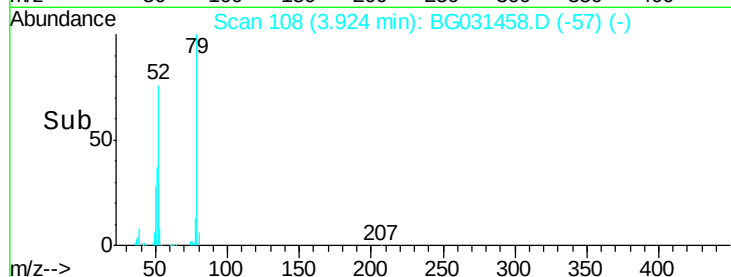
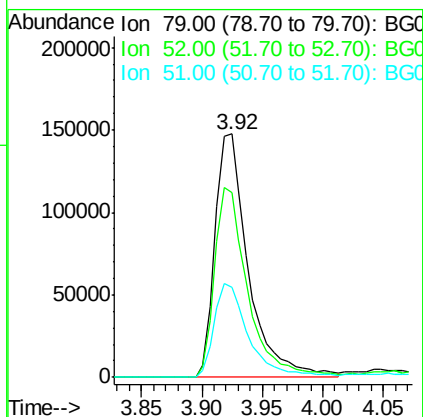
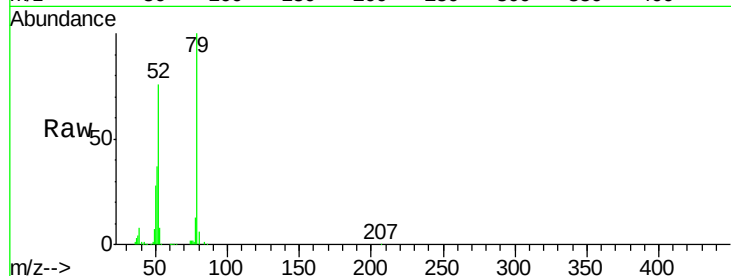
Tgt Ion: 79 Resp: 281737

Ion Ratio Lower Upper

79 100

52 75.7 69.9 104.9

51 36.9 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 86.391 ng

RT: 3.84 min Scan# 93

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

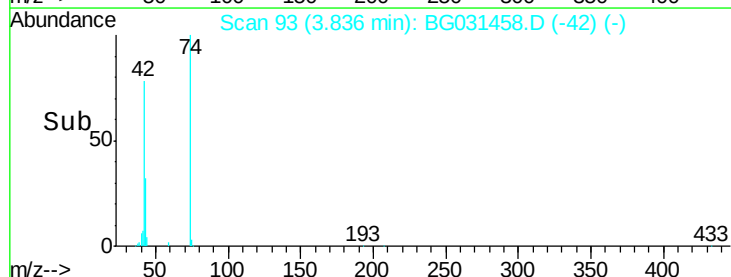
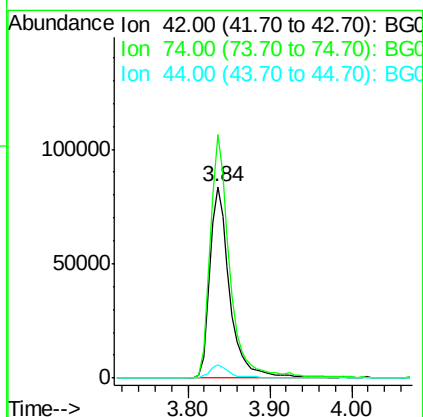
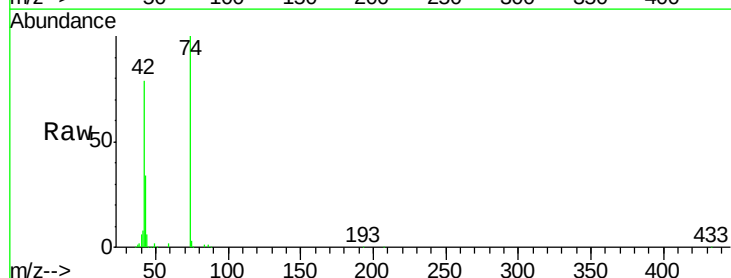
Tgt Ion: 42 Resp: 141153

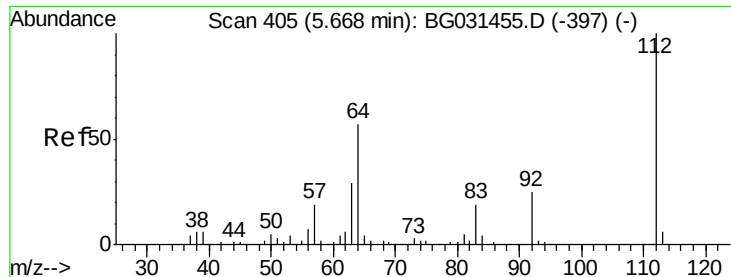
Ion Ratio Lower Upper

42 100

74 127.3 102.5 153.7

44 7.0 18.9 28.3





#5

2-Fluorophenol

Concen: 159.298 ng

RT: 5.66 min Scan# 404

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

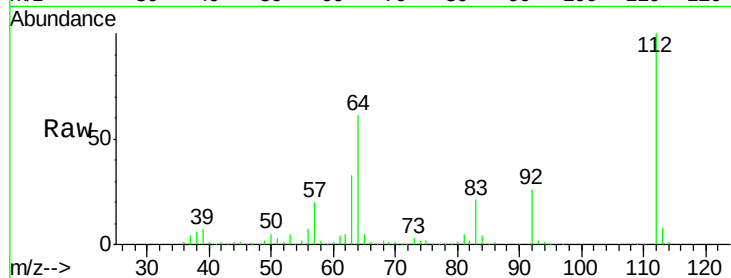
Tgt Ion: 112 Resp: 466143

Ion Ratio Lower Upper

112 100

64 60.7 56.3 84.5

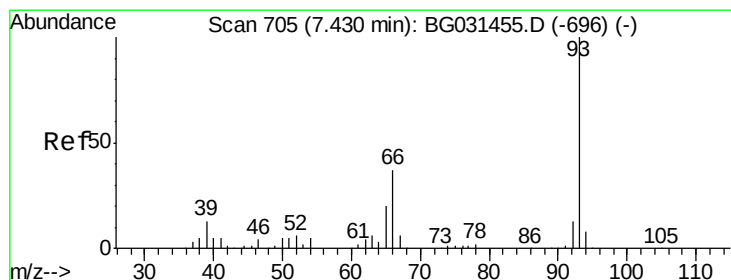
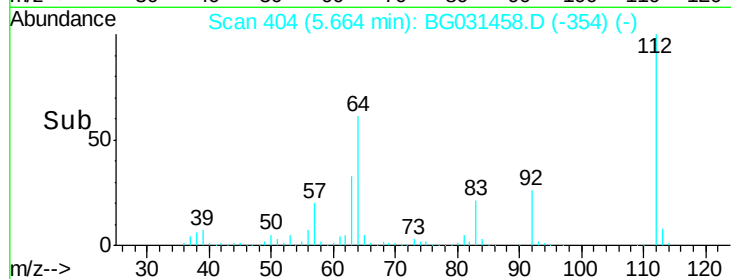
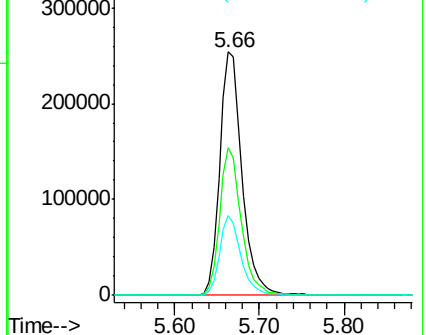
63 32.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 83.919 ng

RT: 7.43 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

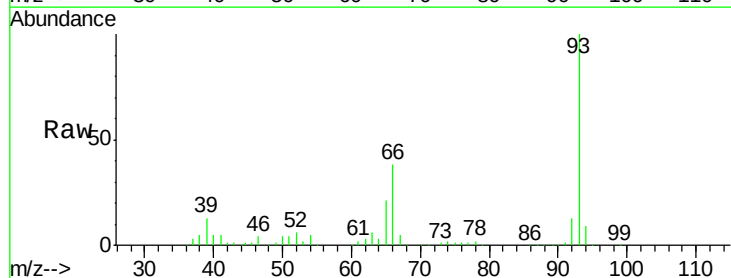
Tgt Ion: 93 Resp: 435391

Ion Ratio Lower Upper

93 100

66 38.1 33.7 50.5

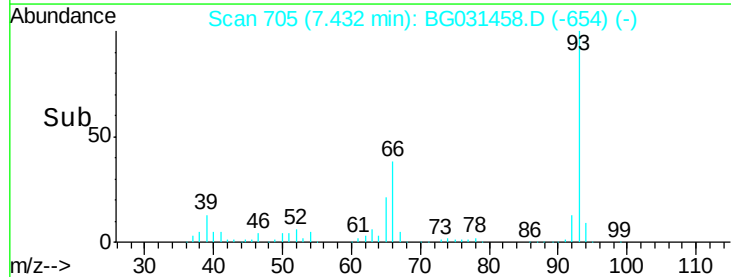
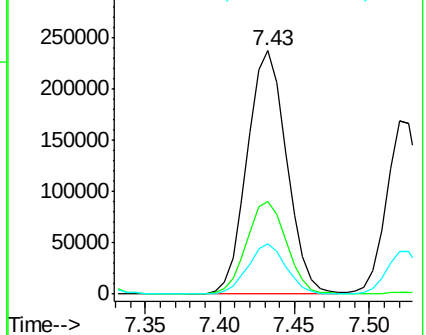
65 20.7 16.1 24.1

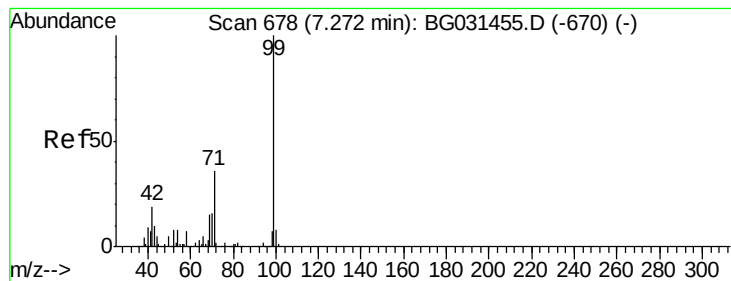


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 166.509 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031458.D

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Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

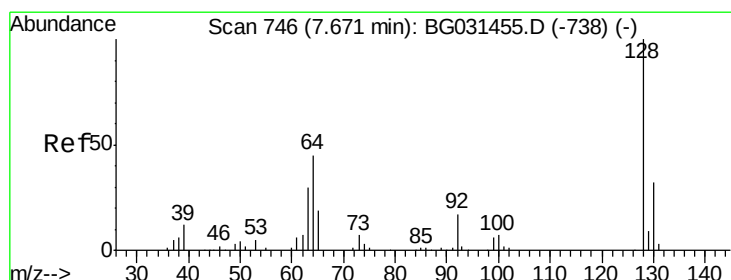
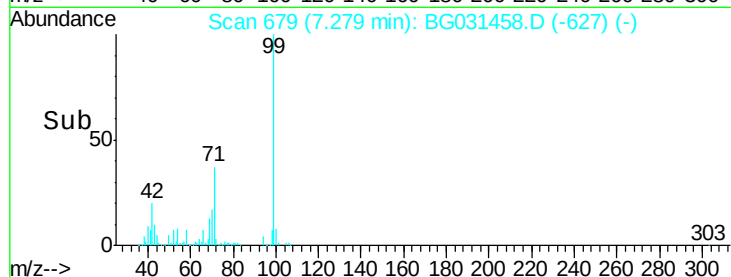
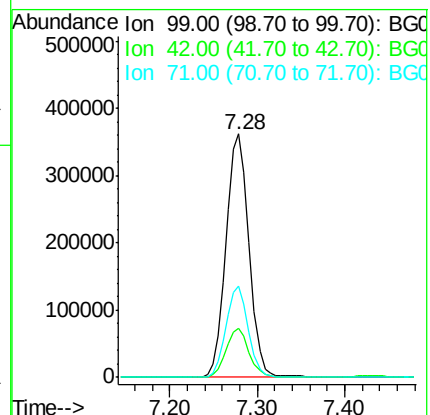
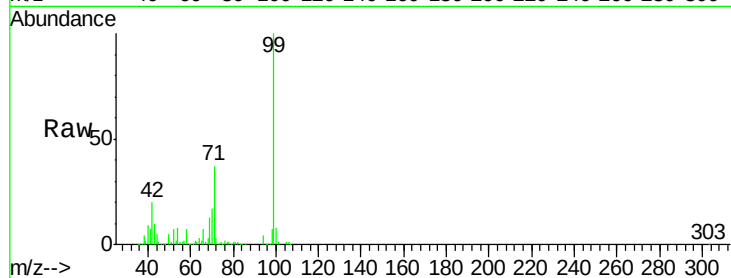
Tgt Ion: 99 Resp: 656426

Ion Ratio Lower Upper

99 100

42 20.0 14.1 21.1

71 37.3 26.1 39.1



#8

2-Chlorophenol

Concen: 81.634 ng

RT: 7.67 min Scan# 746

Delta R.T. 0.00 min

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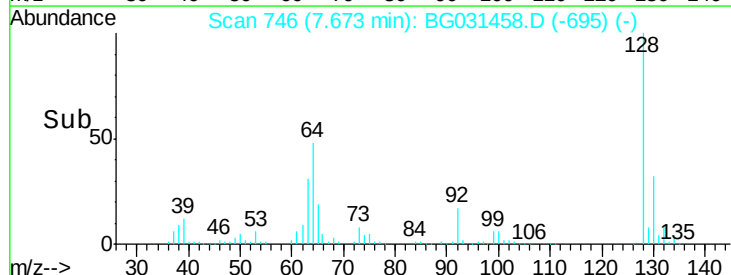
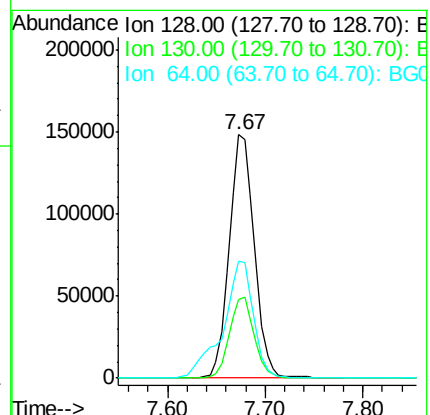
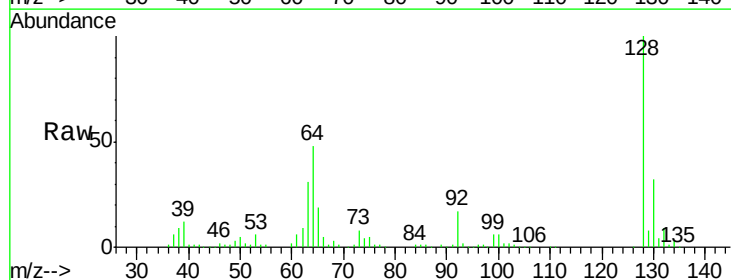
Tgt Ion: 128 Resp: 263620

Ion Ratio Lower Upper

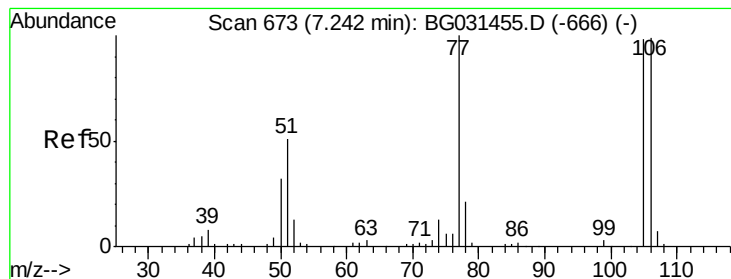
128 100

130 32.4 14.0 54.0

64 48.0 37.7 77.7







#9

Benzaldehyde

Concen: 51.890 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

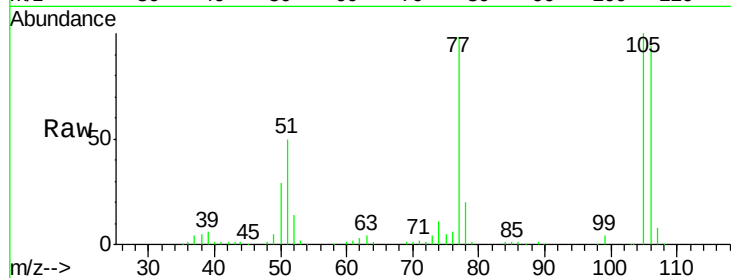
Tgt Ion: 77 Resp: 143150

Ion Ratio Lower Upper

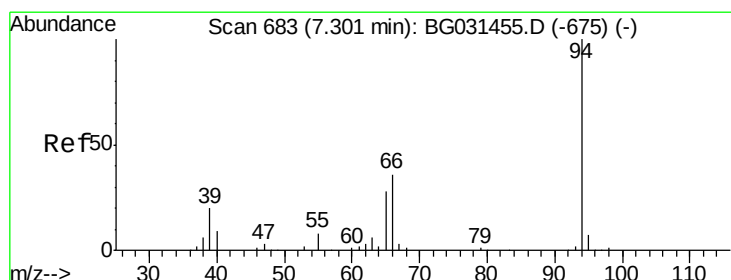
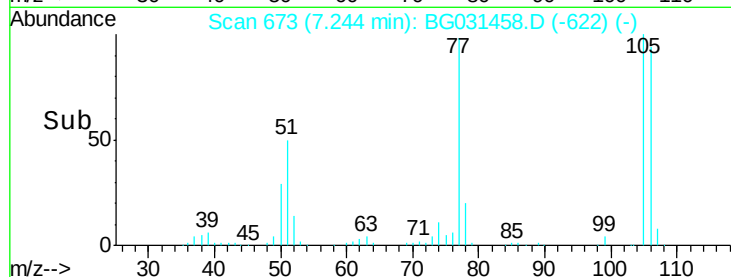
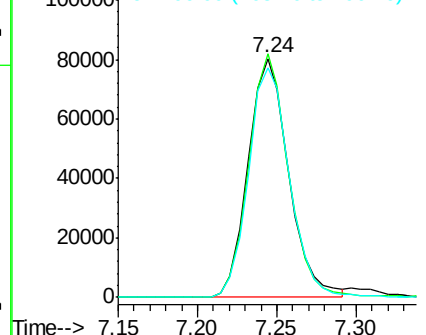
77 100

105 101.8 71.3 111.3

106 96.1 64.2 104.2



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



#10

Phenol

Concen: 82.641 ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

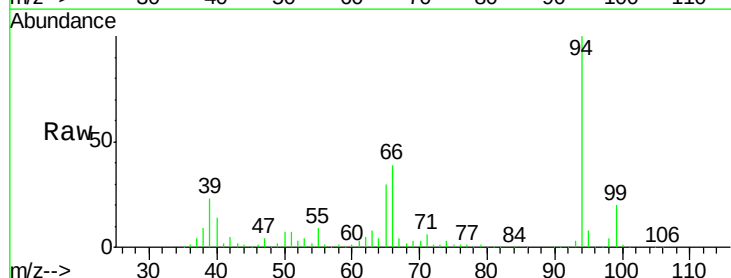
Tgt Ion: 94 Resp: 338336

Ion Ratio Lower Upper

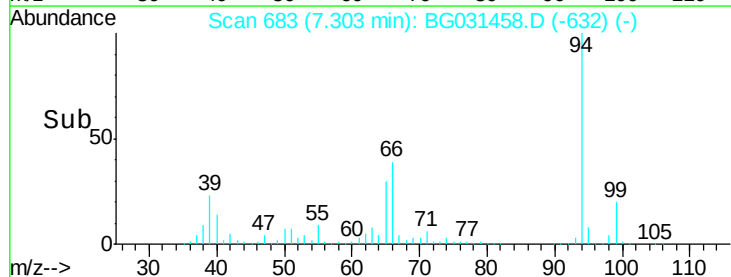
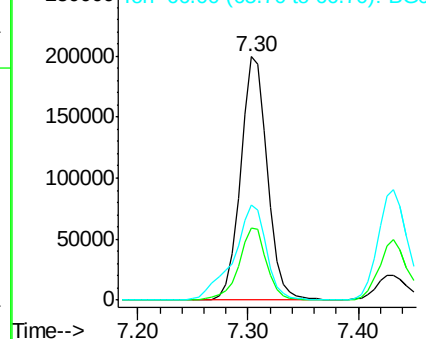
94 100

65 29.5 11.9 51.9

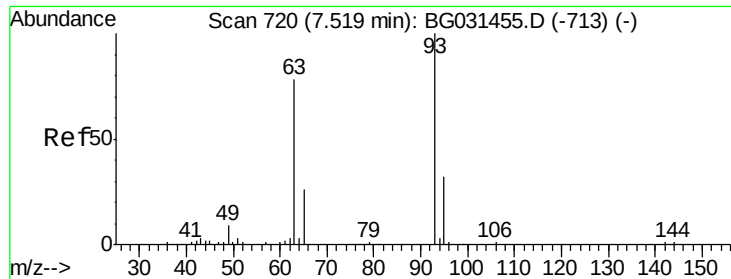
66 39.2 22.2 62.2



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



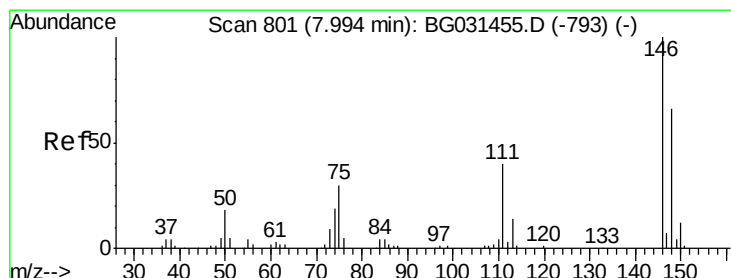
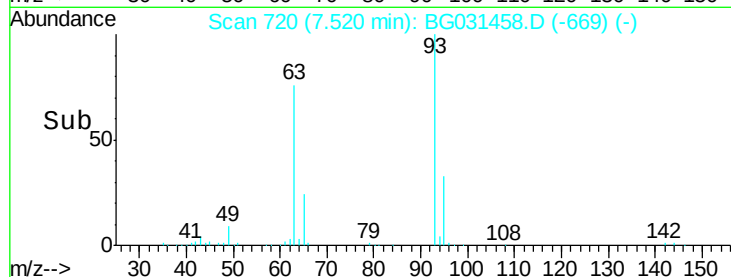
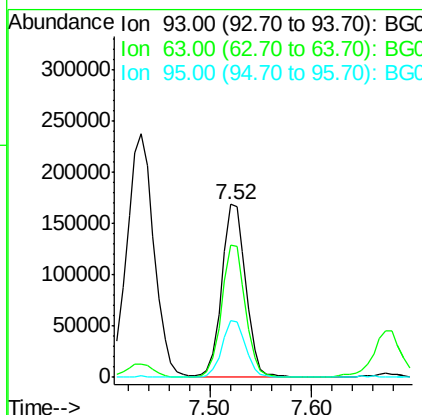
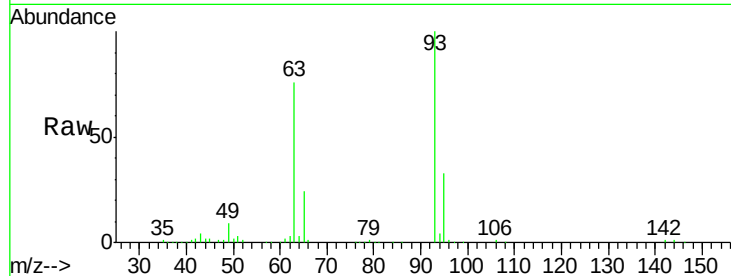




#11  
 bis(2-Chloroethyl)ether  
 Concen: 84.596 ng  
 RT: 7.52 min Scan# 720  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

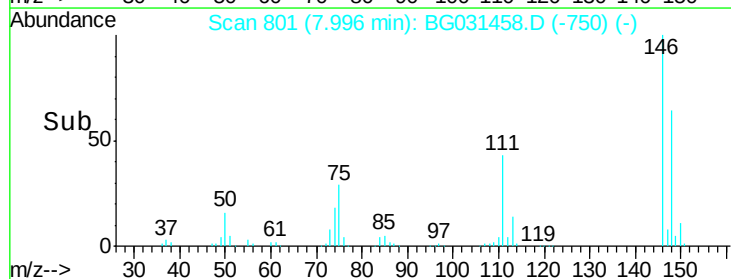
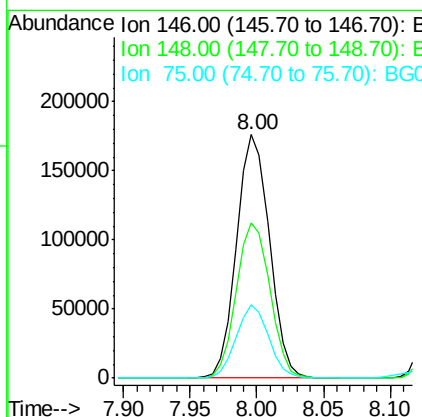
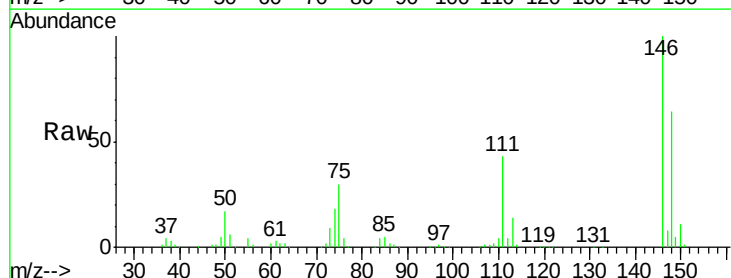
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

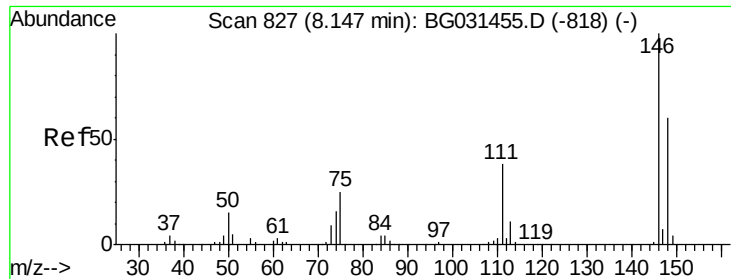
Tgt Ion: 93 Resp: 276537  
 Ion Ratio Lower Upper  
 93 100  
 63 76.3 67.1 107.1  
 95 32.9 11.5 51.5



#12  
 1,3-Dichlorobenzene  
 Concen: 79.465 ng  
 RT: 8.00 min Scan# 801  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

Tgt Ion: 146 Resp: 301077  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 51.4 77.2  
 75 30.0 26.6 39.8

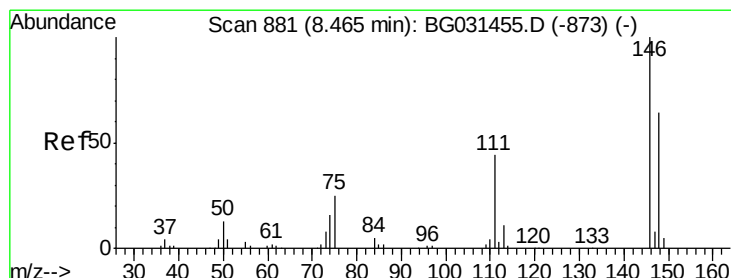
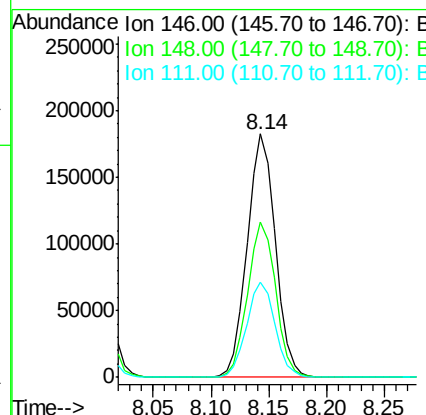
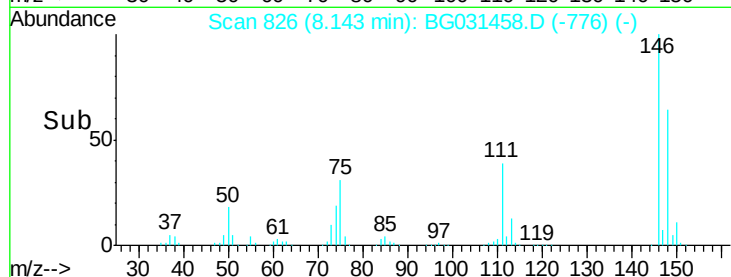
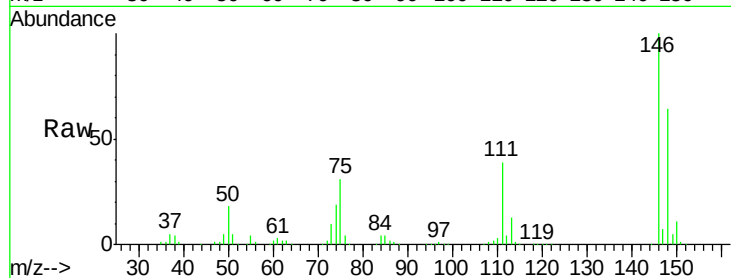




#13  
 1,4-Dichlorobenzene  
 Concen: 80.697 ng  
 RT: 8.14 min Scan# 826  
 Delta R.T. -0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

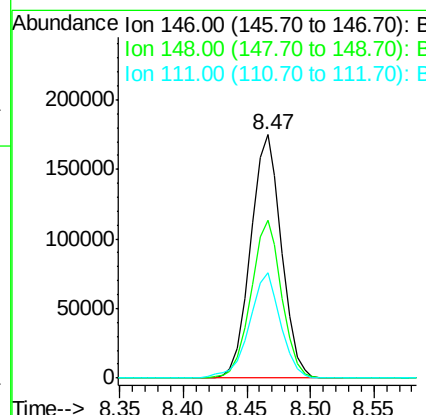
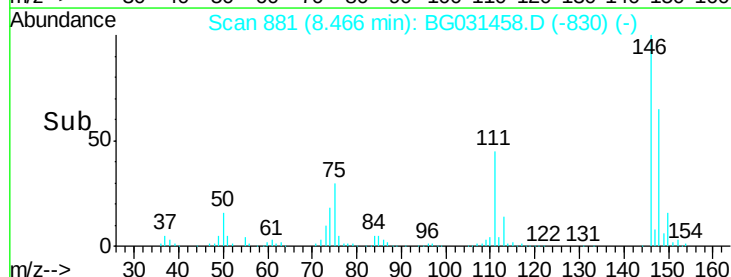
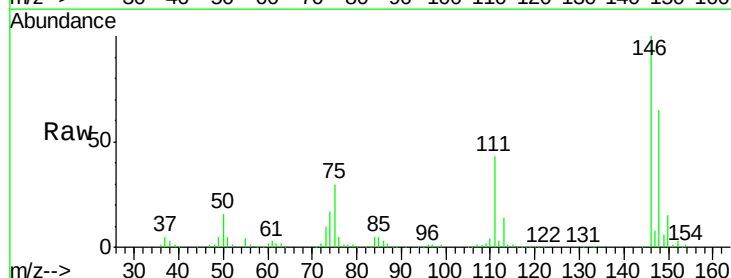
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

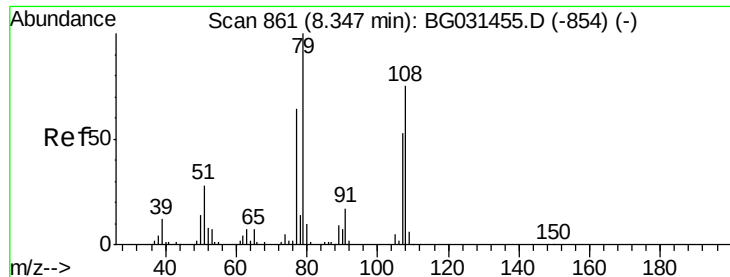
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 53.7  | 80.5  |
| 111     | 39.3  | 35.2  | 52.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 80.036 ng  
 RT: 8.47 min Scan# 881  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 49.3  | 73.9  |
| 111     | 43.5  | 34.3  | 51.5  |

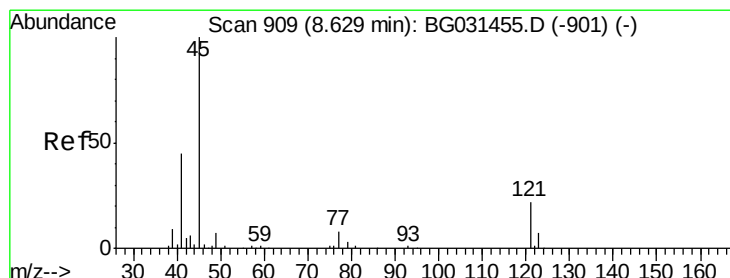
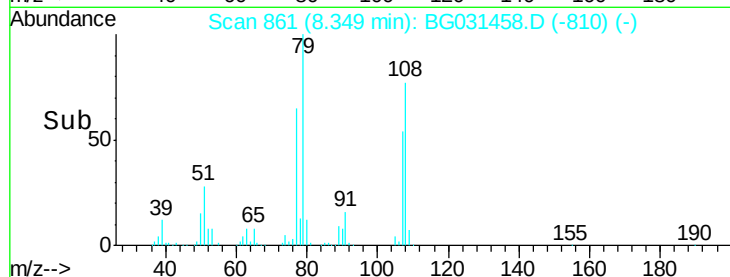
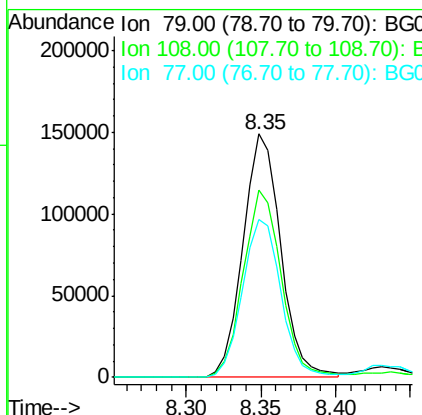
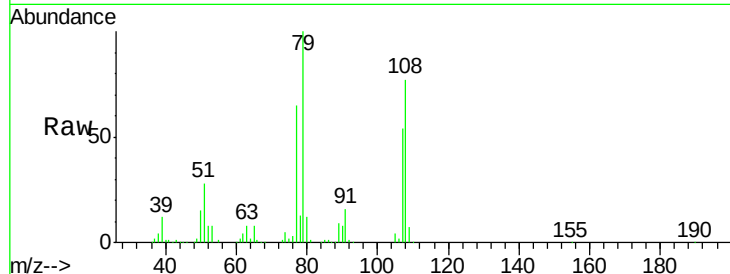




#15  
Benzyl Alcohol  
Concen: 82.443 ng  
RT: 8.35 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

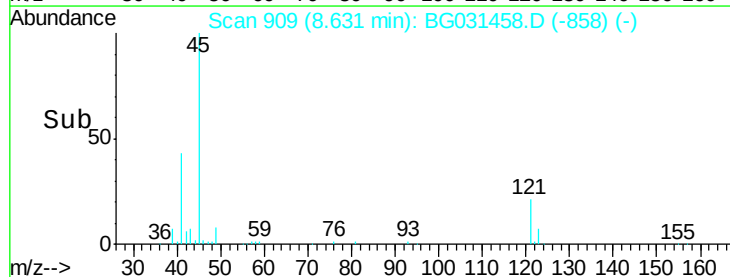
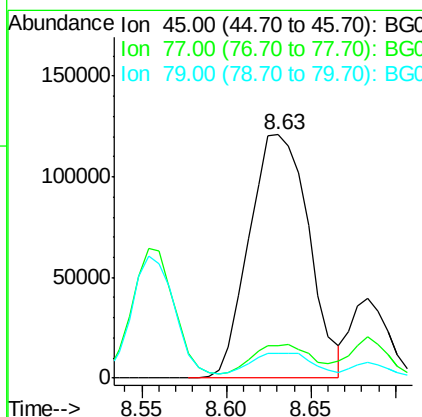
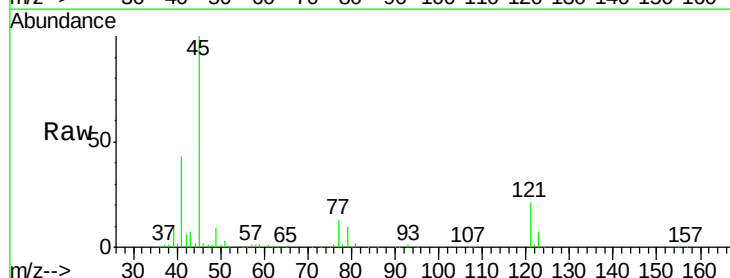
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

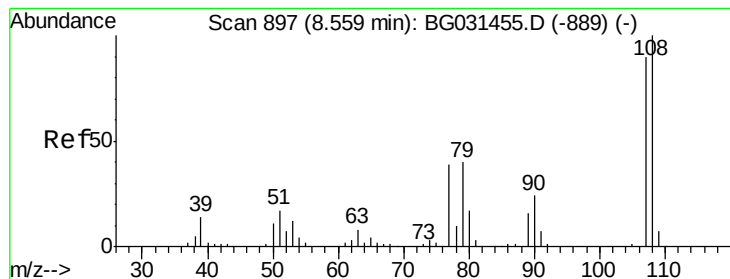
Tgt Ion: 79 Resp: 260701  
Ion Ratio Lower Upper  
79 100  
108 77.1 57.2 85.8  
77 64.9 46.1 69.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 81.867 ng  
RT: 8.63 min Scan# 909  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Tgt Ion: 45 Resp: 295597  
Ion Ratio Lower Upper  
45 100  
77 13.2 0.0 30.2  
79 10.2 0.0 27.9





#17

2-Methylphenol

Concen: 83.247 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tgt Ion:107 Resp: 237333

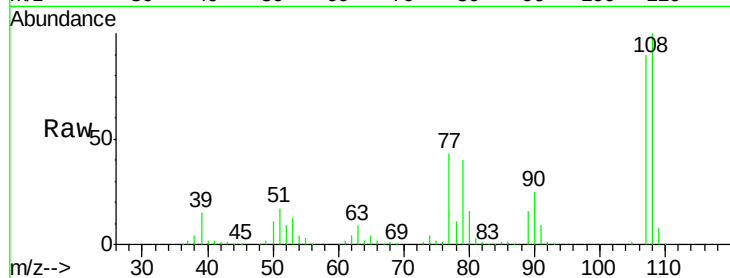
Ion Ratio Lower Upper

107 100

108 111.7 83.9 125.9

77 47.9 37.2 55.8

79 45.2 36.2 54.2

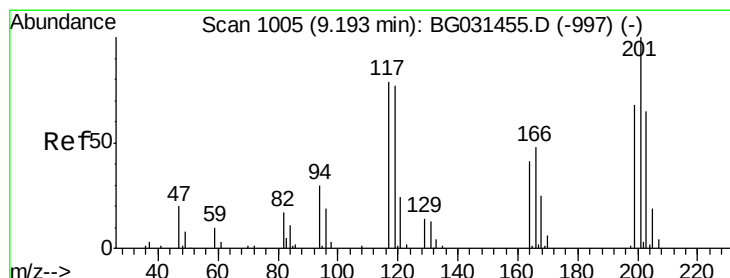
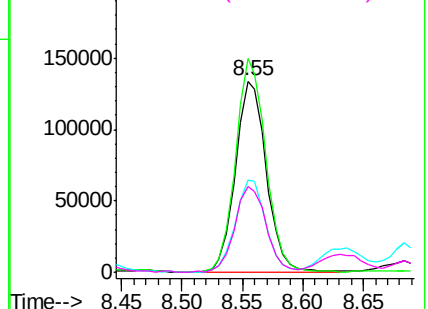
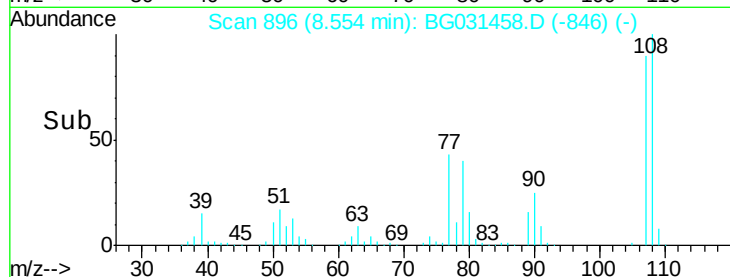


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 80.373 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

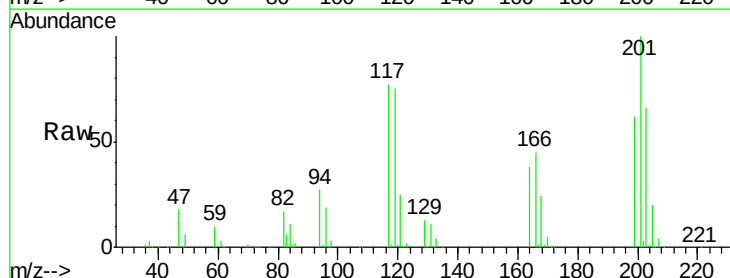
Tgt Ion:117 Resp: 107399

Ion Ratio Lower Upper

117 100

119 97.8 76.7 115.1

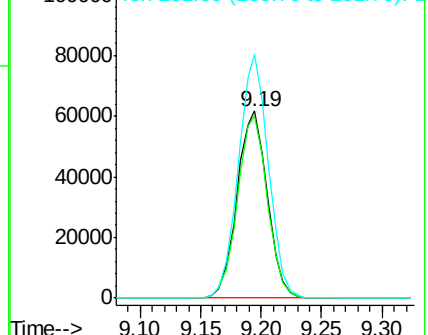
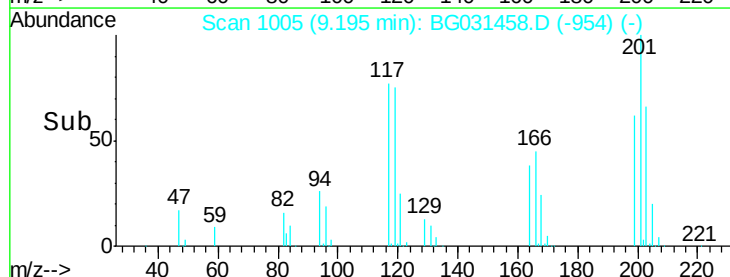
201 130.4 95.7 143.5

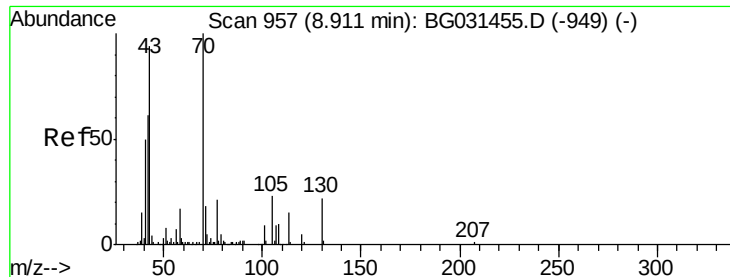


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

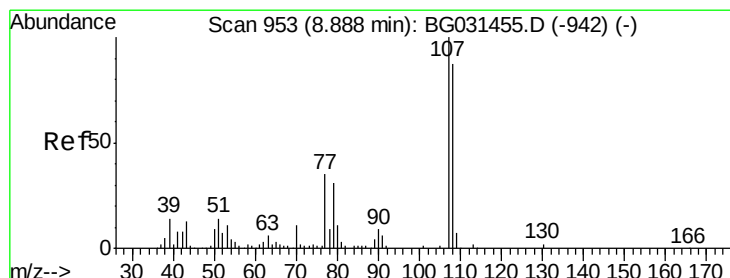
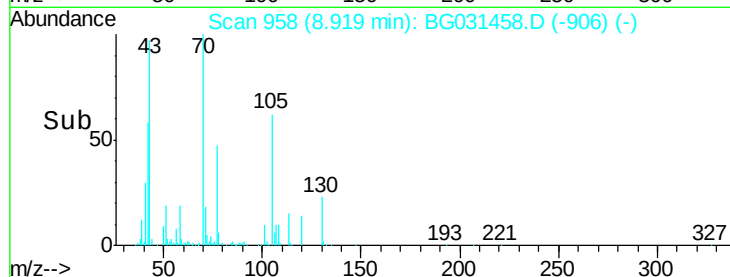
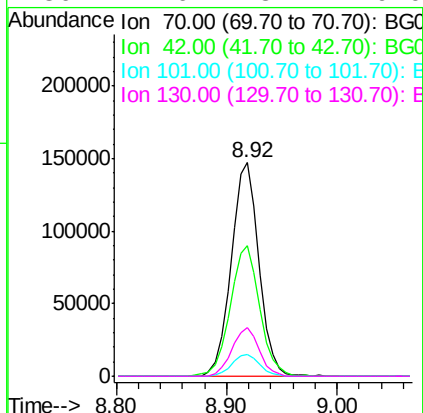
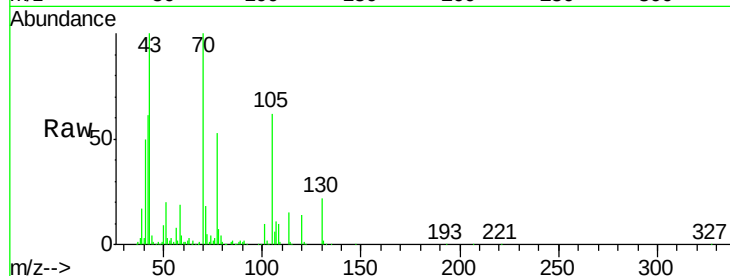




#19  
n-Nitroso-di-n-propylamine  
Concen: 86.045 ng  
RT: 8.92 min Scan# 958  
Delta R.T. 0.01 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

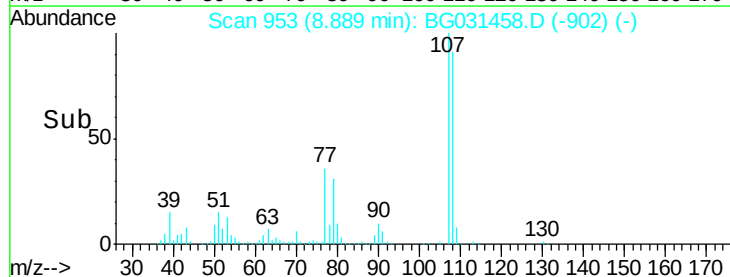
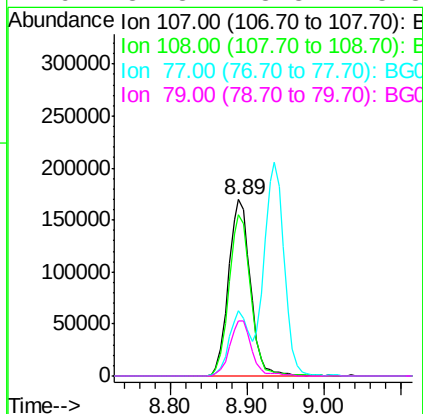
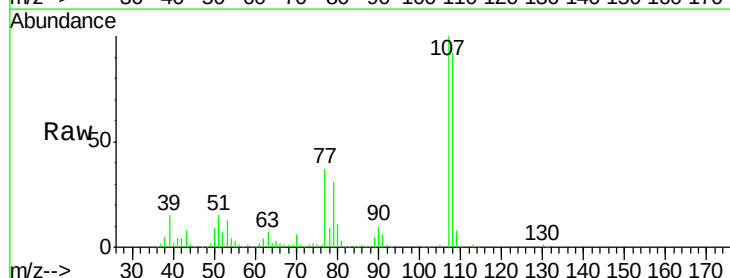
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

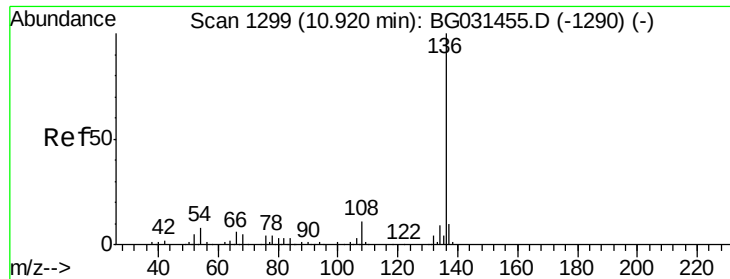
Tgt Ion: 70 Resp: 257919  
Ion Ratio Lower Upper  
70 100  
42 61.0 49.1 73.7  
101 10.4 8.5 12.7  
130 22.6 13.4 20.0#



#20  
3+4-Methylphenols  
Concen: 83.499 ng  
RT: 8.89 min Scan# 953  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Tgt Ion: 107 Resp: 338499  
Ion Ratio Lower Upper  
107 100  
108 91.6 61.6 101.6  
77 36.7 13.9 53.9  
79 31.3 8.8 48.8

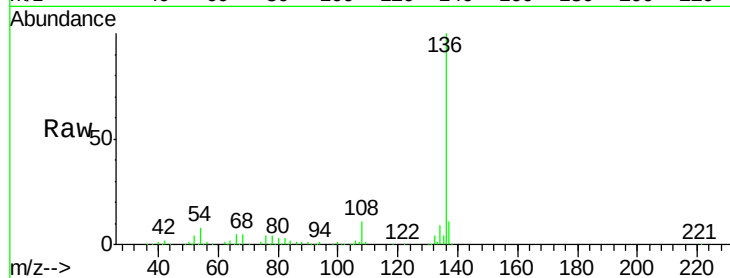




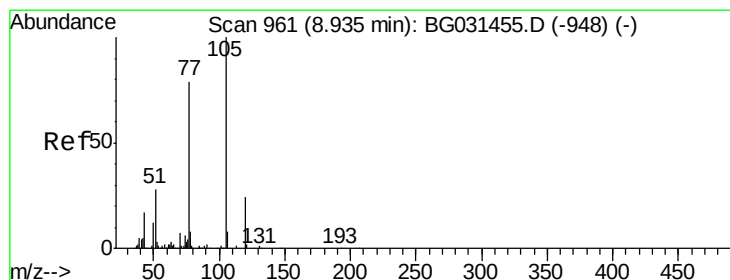
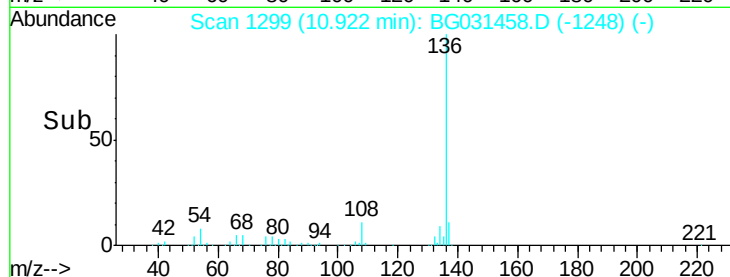
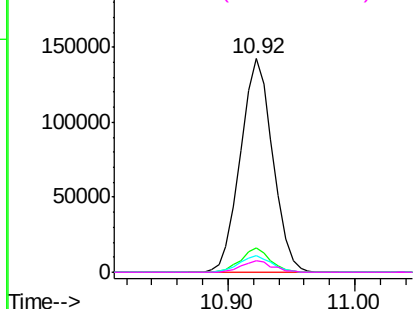
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.92 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 251300 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 9.2   | 13.8   |
| 54       | 8.0   | 10.3  | 15.5#  |
| 68       | 5.2   | 4.5   | 6.7    |

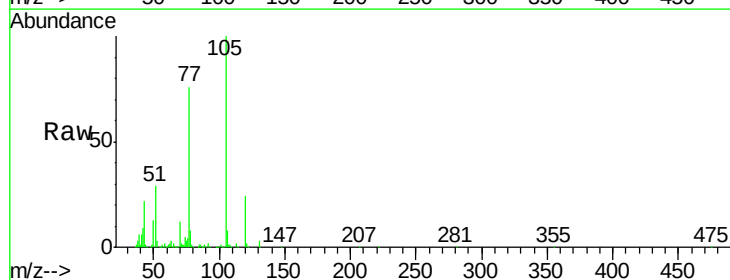


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

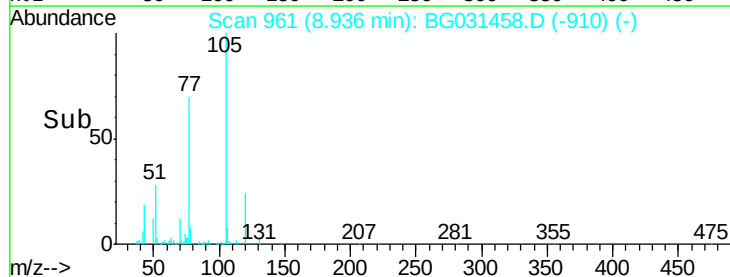
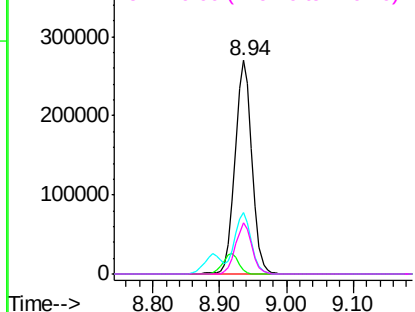


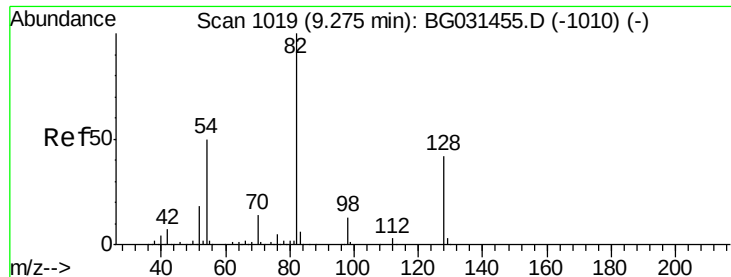
#22  
Acetophenone  
Concen: 76.844 ng  
RT: 8.94 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 480821 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.1   | 3.0   | 4.4#   |
| 51       | 28.8  | 26.1  | 39.1   |
| 120      | 23.8  | 17.4  | 26.2   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

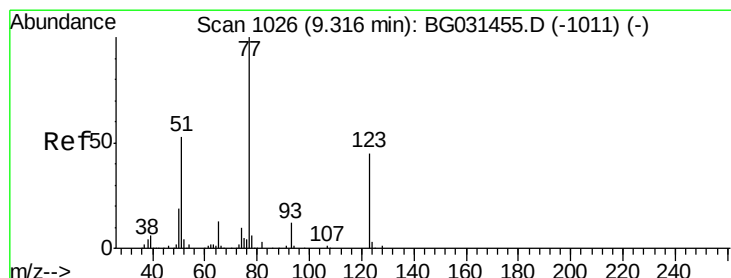
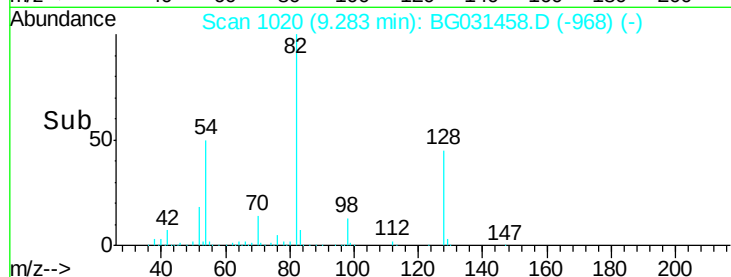
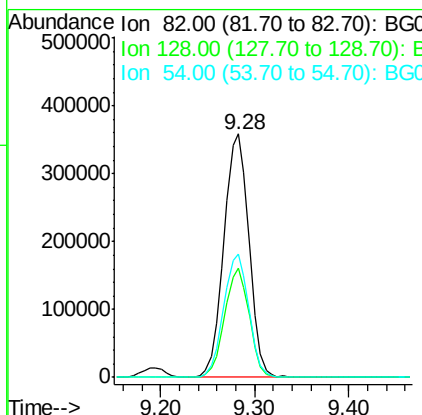
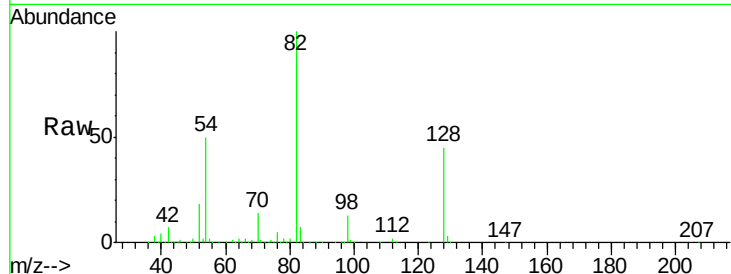




#23  
Nitrobenzene-d5  
Concen: 156.590 ng  
RT: 9.28 min Scan# 1020  
Delta R.T. 0.01 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

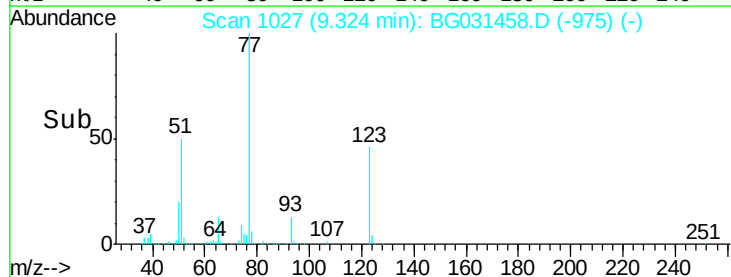
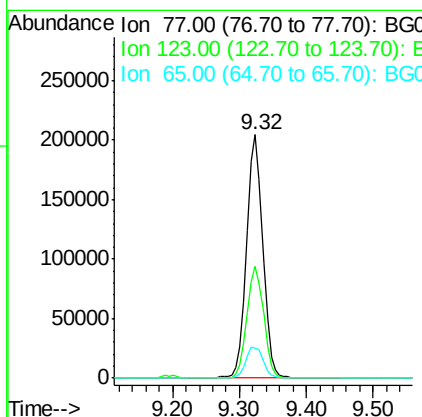
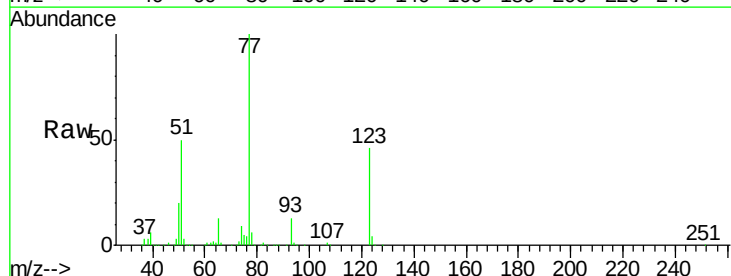
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.6  | 29.7  | 44.5# |
| 54      | 50.5  | 43.1  | 64.7  |

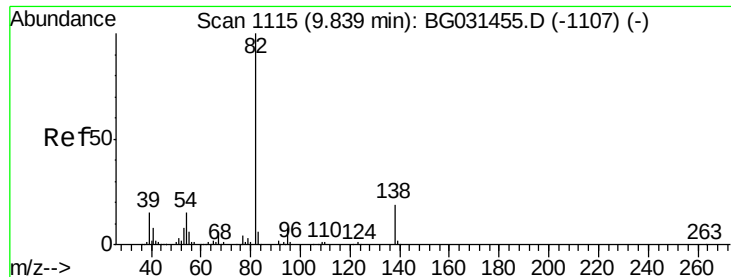


#24  
Nitrobenzene  
Concen: 78.802 ng  
RT: 9.32 min Scan# 1027  
Delta R.T. 0.01 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 45.7  | 33.0  | 49.6  |
| 65      | 12.5  | 13.0  | 19.6# |







#25

Isophorone

Concen: 76.825 ng

RT: 9.85 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

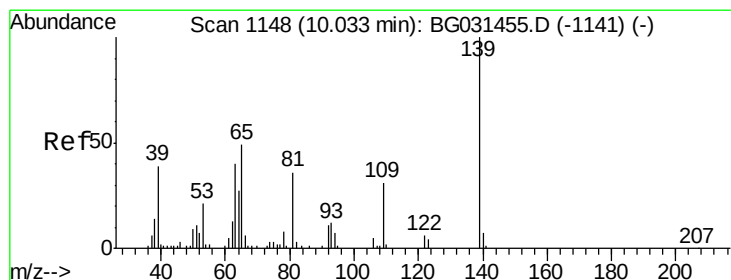
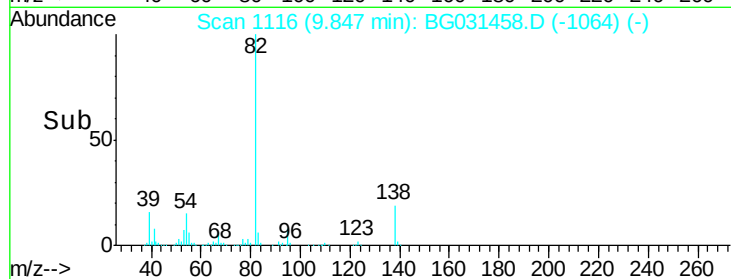
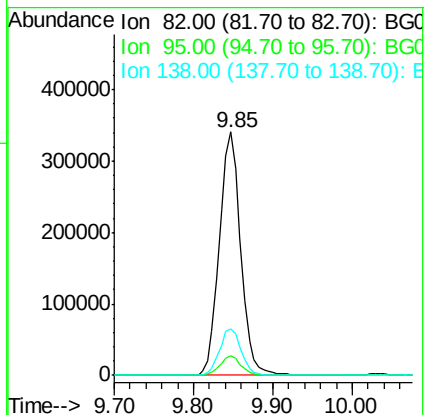
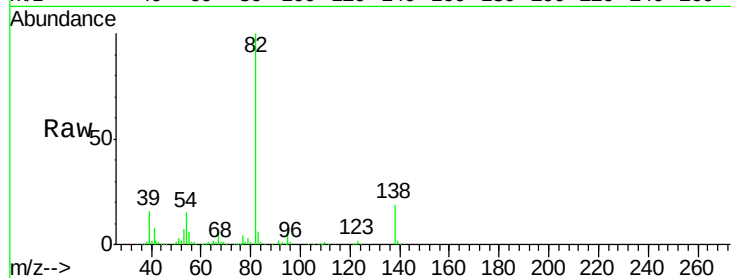
Tgt Ion: 82 Resp: 635413

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 19.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 77.906 ng

RT: 10.03 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

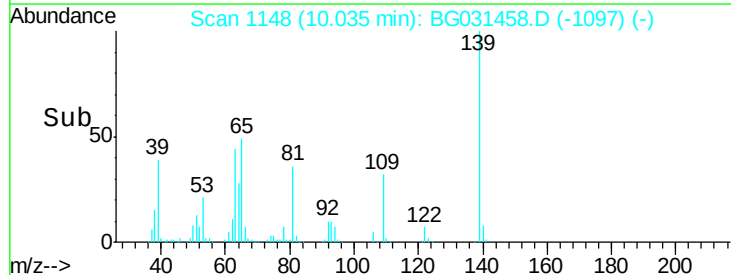
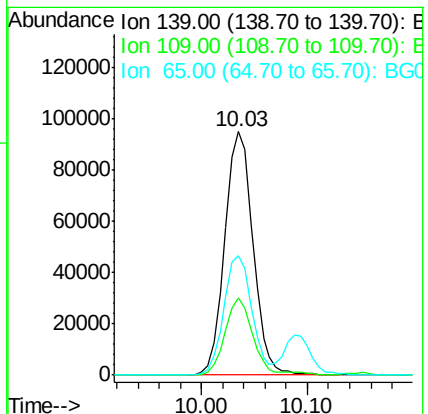
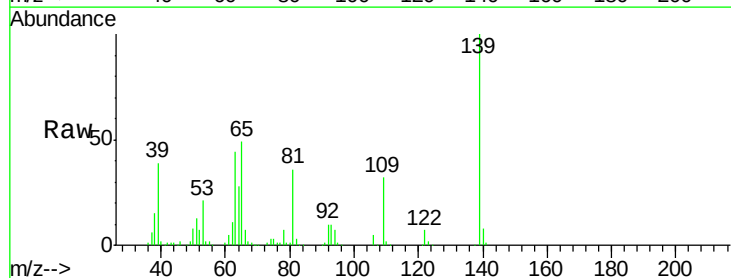
Tgt Ion: 139 Resp: 175918

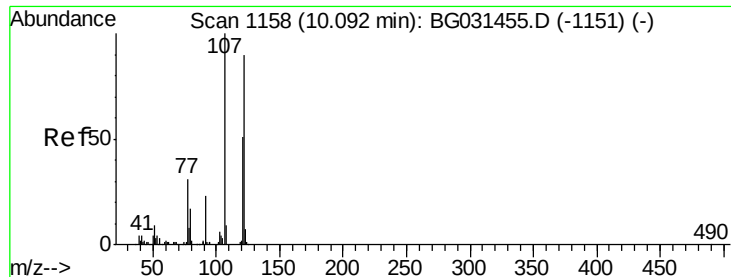
Ion Ratio Lower Upper

139 100

109 32.0 24.2 36.2

65 49.0 47.4 71.0

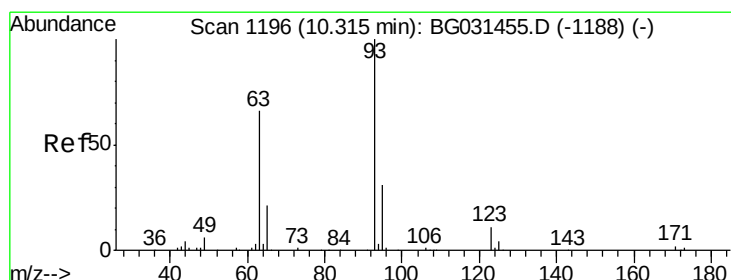
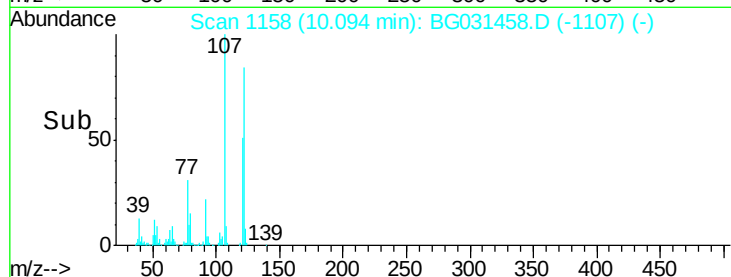
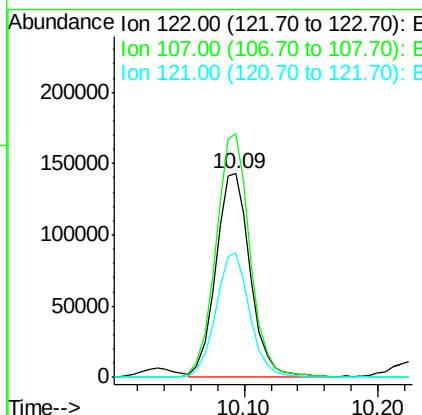
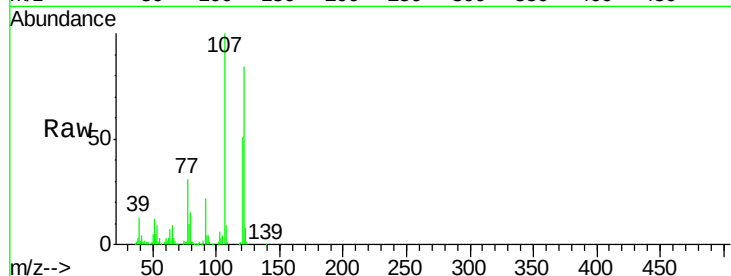




#27  
2,4-Dimethylphenol  
Concen: 76.355 ng  
RT: 10.09 min Scan# 1158  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

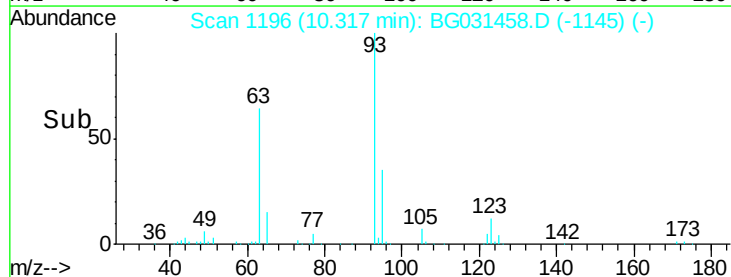
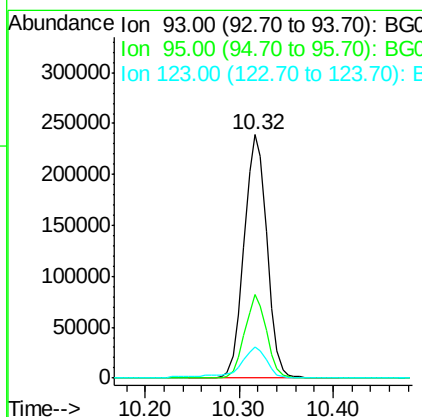
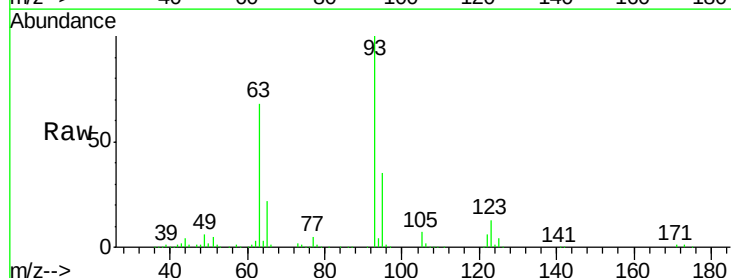
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

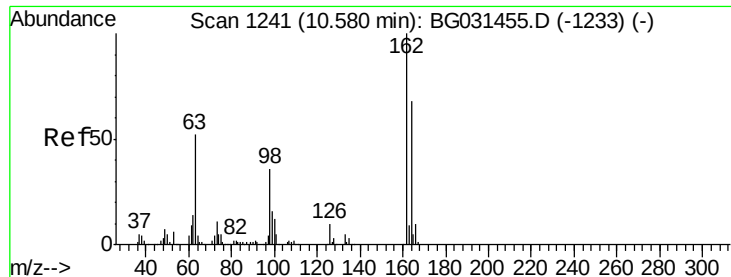
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.7 | 100.2 | 150.2 |
| 121     | 61.5  | 44.4  | 66.6  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 76.979 ng  
RT: 10.32 min Scan# 1196  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.5  | 24.3  | 36.5  |
| 123     | 12.7  | 8.4   | 12.6# |

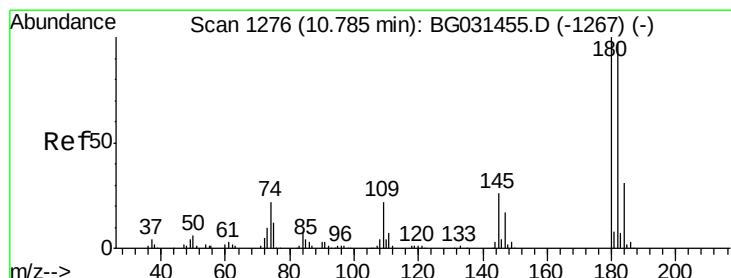
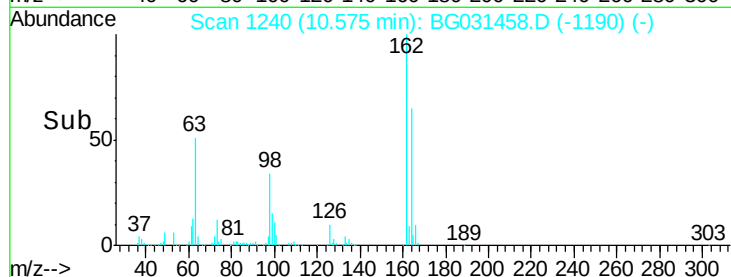
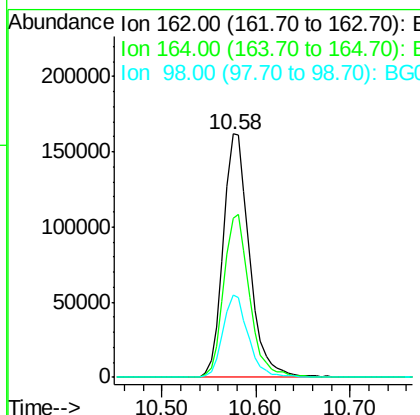
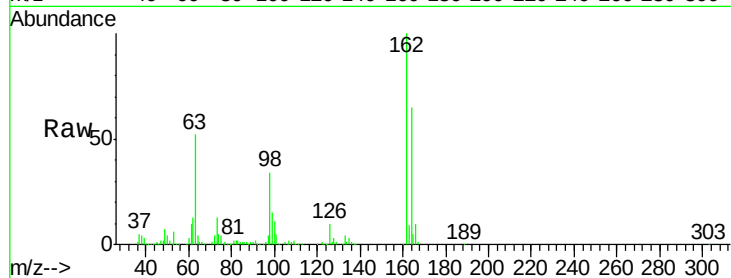




#29  
 2,4-Dichlorophenol  
 Concen: 78.103 ng  
 RT: 10.58 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

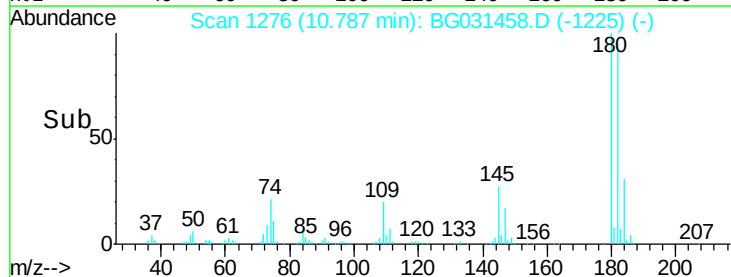
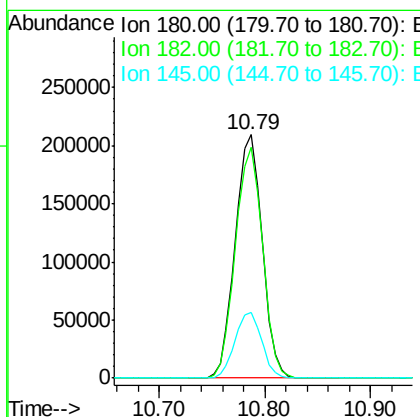
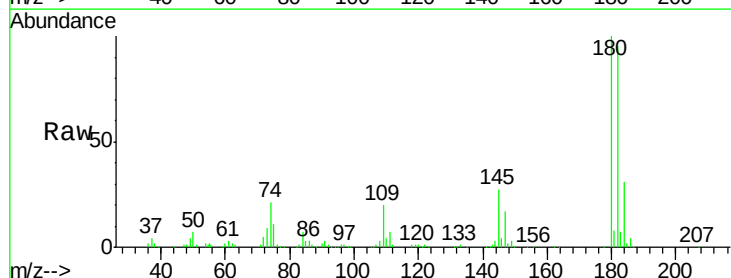
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

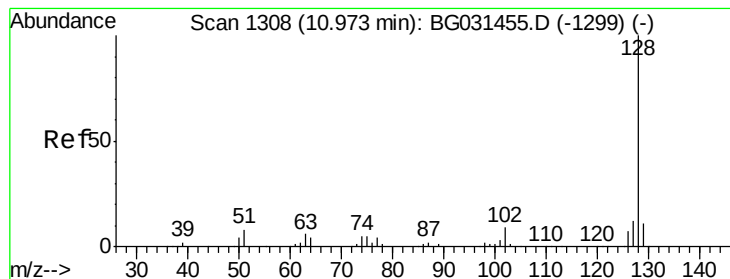
Tgt Ion:162 Resp: 314408  
 Ion Ratio Lower Upper  
 162 100  
 164 65.2 48.0 88.0  
 98 34.0 21.1 61.1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 76.829 ng  
 RT: 10.79 min Scan# 1276  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

Tgt Ion:180 Resp: 369243  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 77.5 116.3  
 145 27.0 23.4 35.2





#31

Naphthalene

Concen: 76.046 ng

RT: 10.97 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

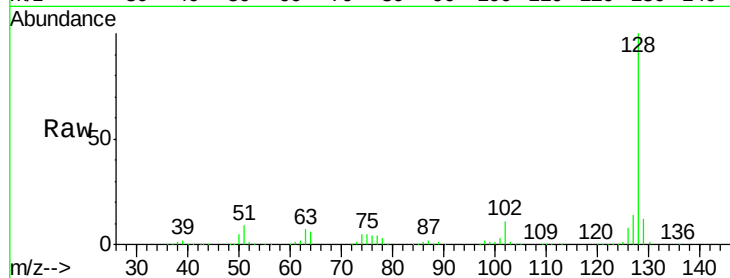
Tgt Ion:128 Resp: 939450

Ion Ratio Lower Upper

128 100

129 11.9 8.6 12.8

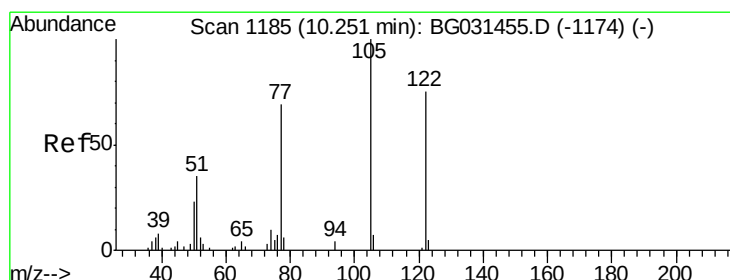
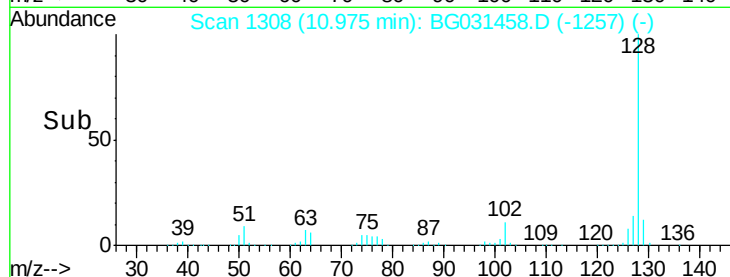
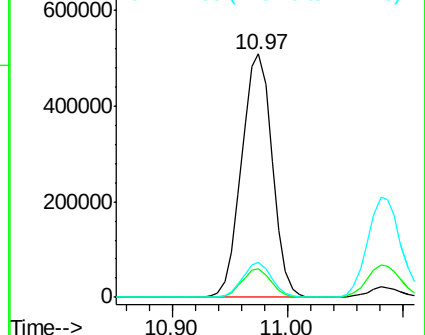
127 14.1 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 73.705 ng

RT: 10.30 min Scan# 1193

Delta R.T. 0.05 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

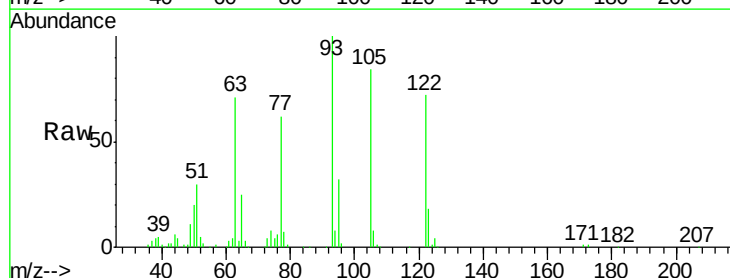
Tgt Ion:122 Resp: 188753

Ion Ratio Lower Upper

122 100

105 117.0 123.5 163.5#

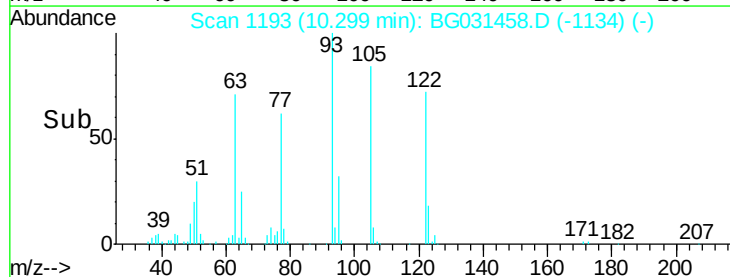
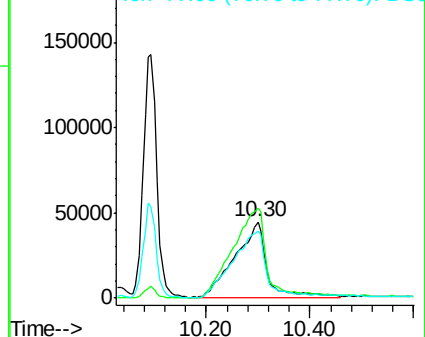
77 86.9 85.7 125.7

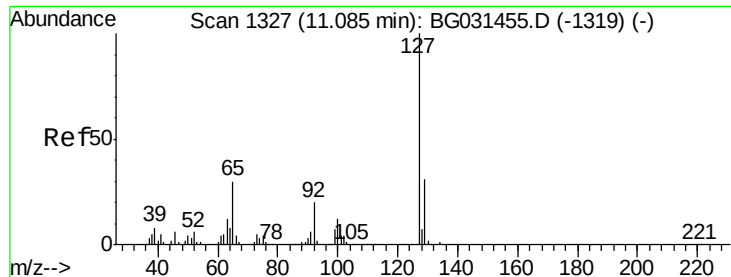


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

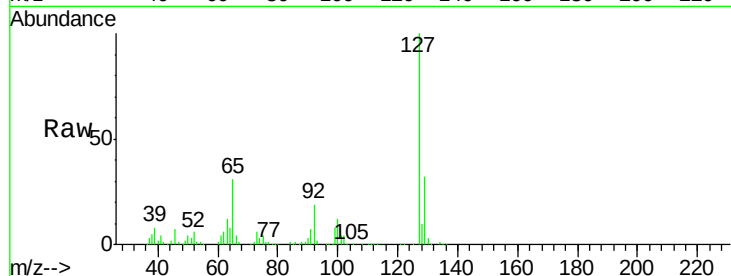




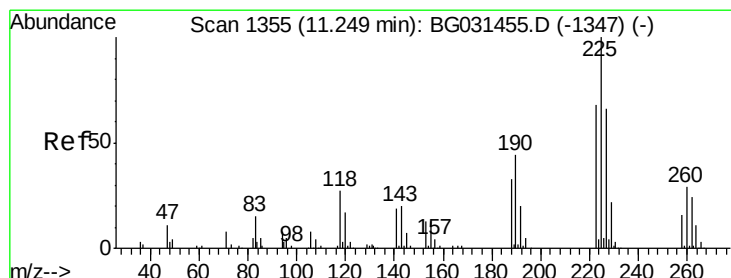
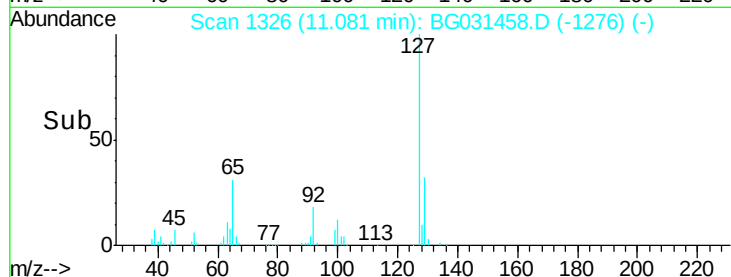
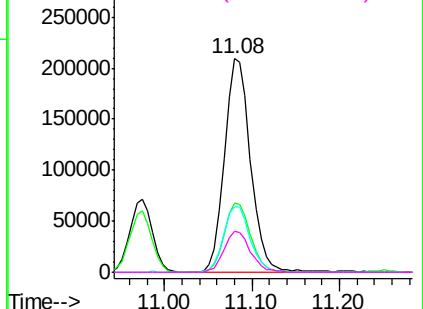
#33  
4-Chloroaniline  
Concen: 78.760 ng  
RT: 11.08 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 425931 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 24.0  | 36.0   |
| 65       | 30.8  | 27.0  | 40.4   |
| 92       | 19.2  | 16.6  | 25.0   |

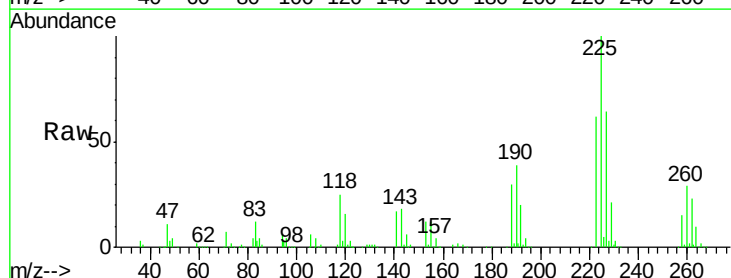


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

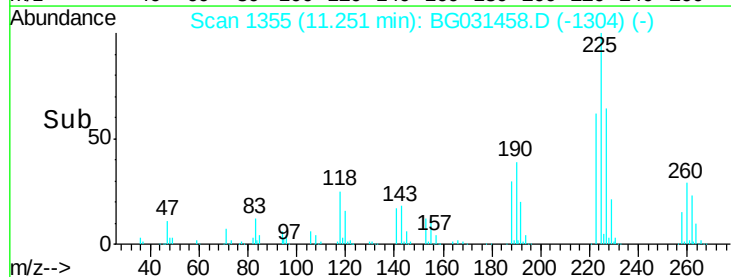
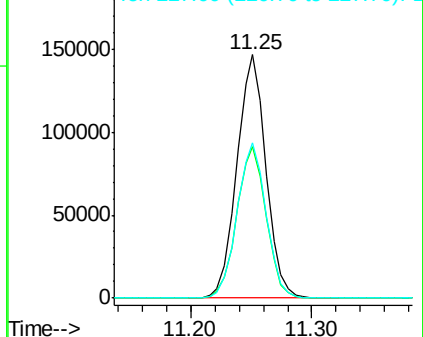


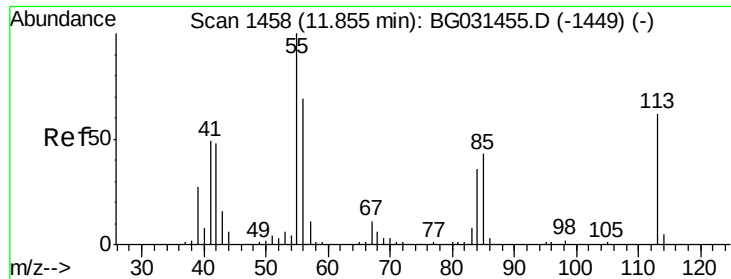
#34  
Hexachlorobutadiene  
Concen: 73.563 ng  
RT: 11.25 min Scan# 1355  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 245193 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.2  | 49.7  | 74.5   |
| 227      | 63.6  | 48.1  | 72.1   |



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





#35

Caprolactam

Concen: 69.644 ng

RT: 11.88 min Scan# 1462

Delta R.T. 0.03 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

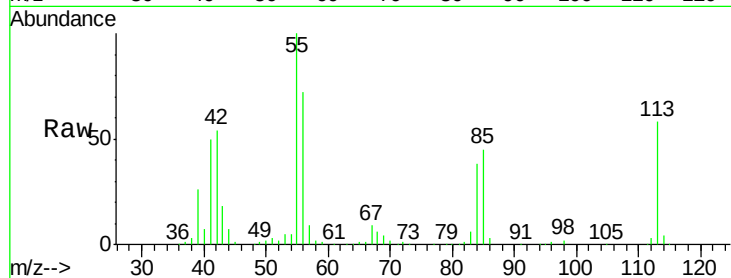
Tgt Ion:113 Resp: 114526

Ion Ratio Lower Upper

113 100

55 173.6 186.9 226.9#

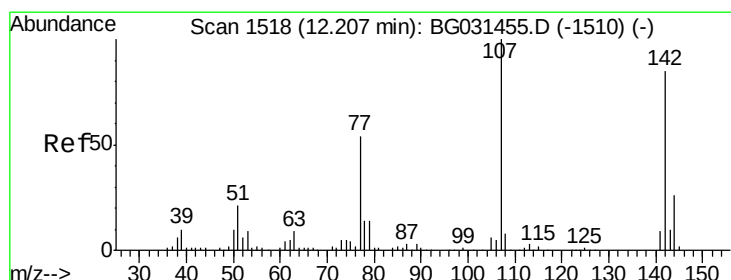
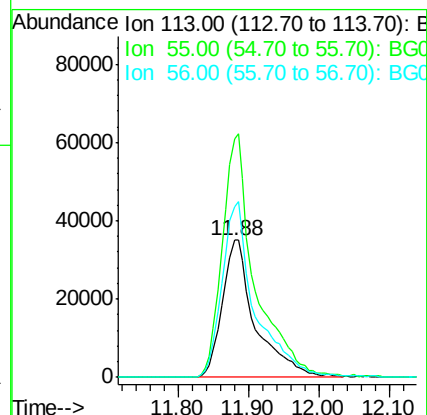
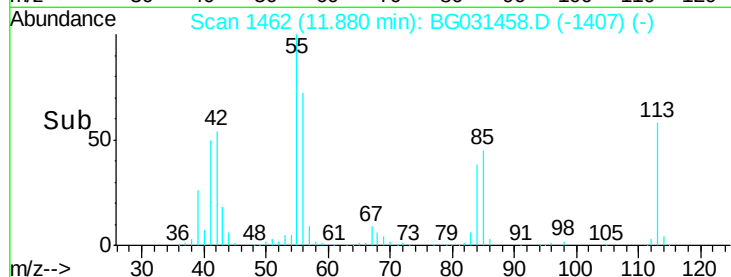
56 124.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 76.251 ng

RT: 12.21 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

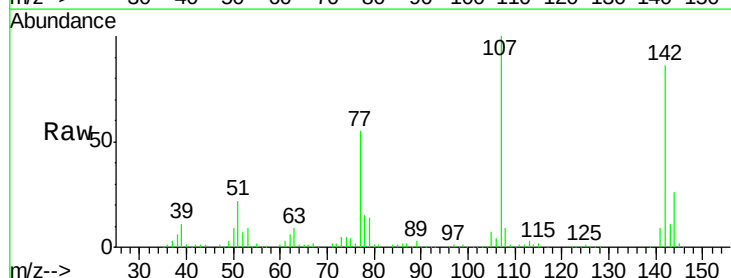
Tgt Ion:107 Resp: 334077

Ion Ratio Lower Upper

107 100

144 25.7 18.2 27.4

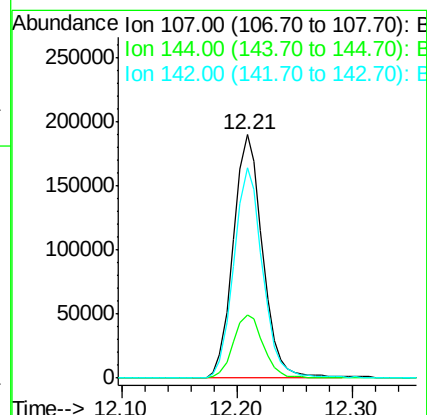
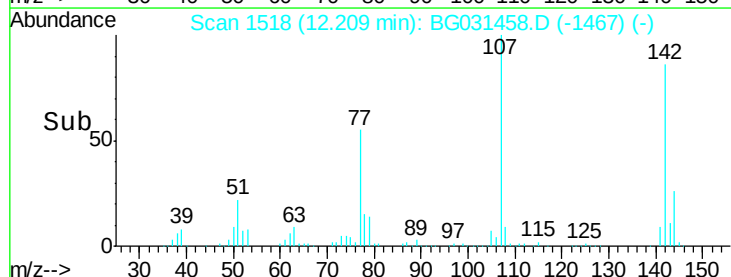
142 86.3 59.0 88.4

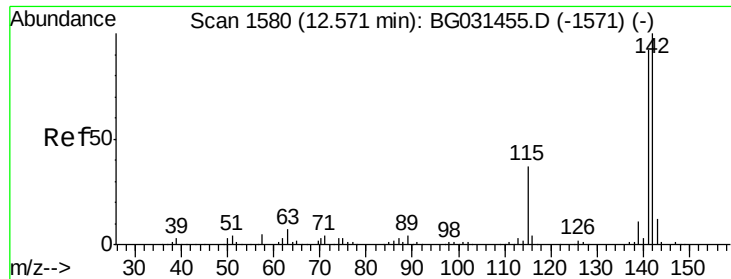


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

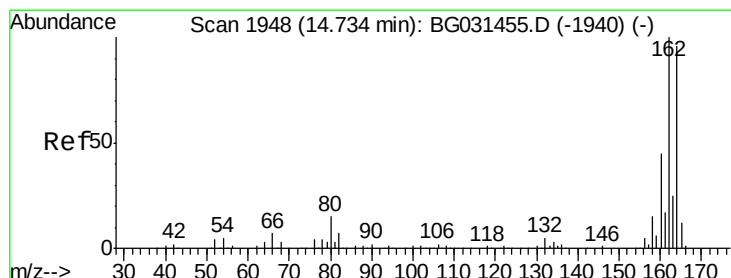
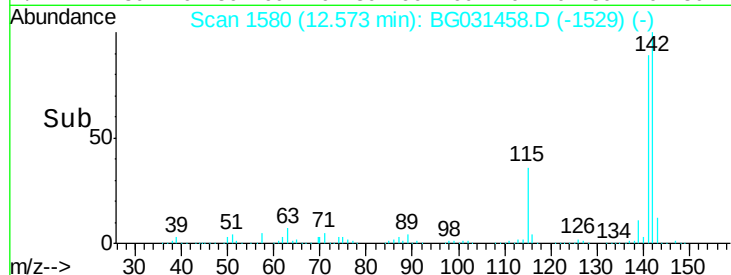
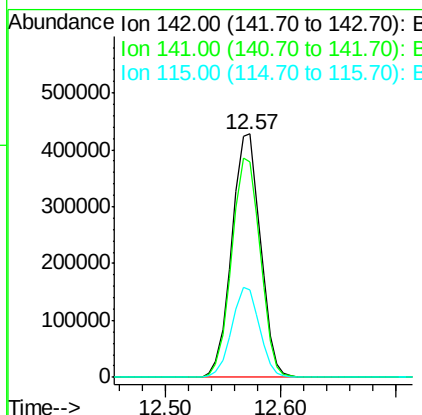
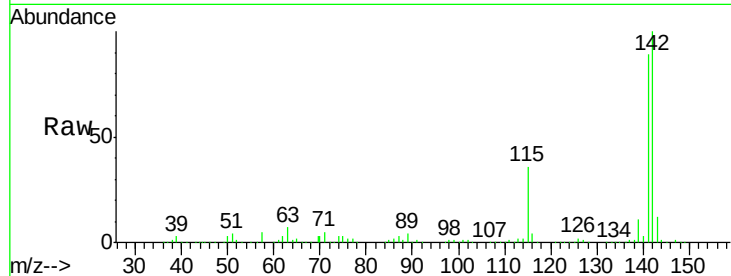




#37  
 2-Methylnaphthalene  
 Concen: 77.362 ng  
 RT: 12.57 min Scan# 1580  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

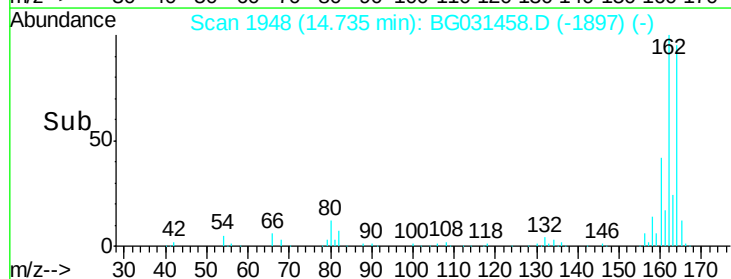
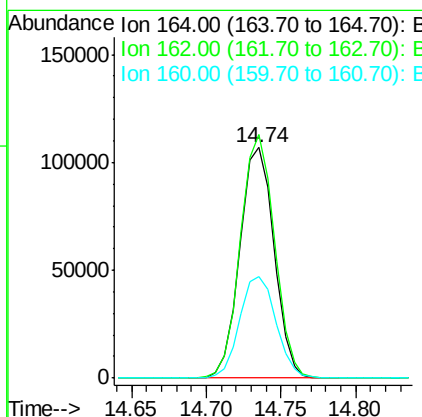
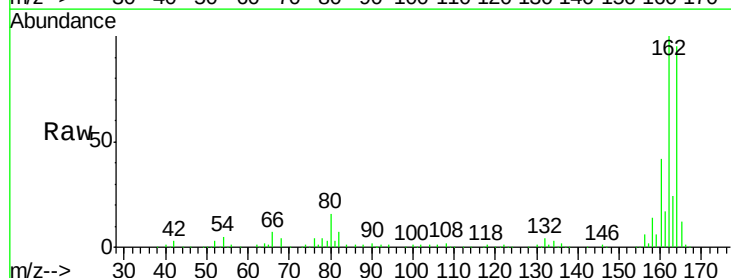
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

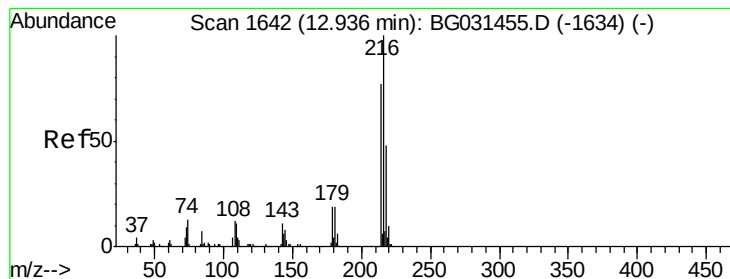
Tgt Ion:142 Resp: 737778  
 Ion Ratio Lower Upper  
 142 100  
 141 88.7 67.1 100.7  
 115 36.0 30.7 46.1



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.74 min Scan# 1948  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

Tgt Ion:164 Resp: 169715  
 Ion Ratio Lower Upper  
 164 100  
 162 105.6 78.8 118.2  
 160 44.3 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 79.289 ng

RT: 12.94 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 534081

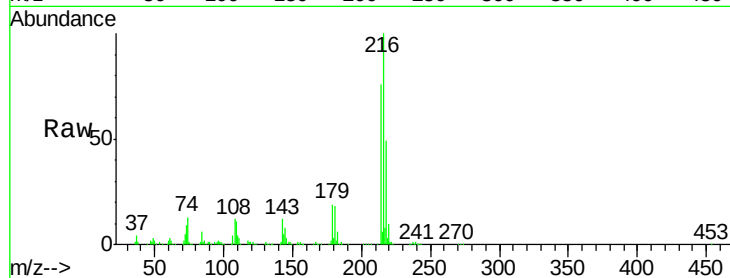
Ion Ratio Lower Upper

216 100

214 76.5 63.0 94.4

179 18.9 17.0 25.6

108 13.2 12.8 19.2

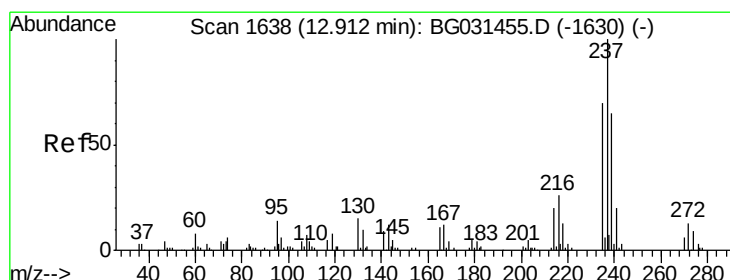
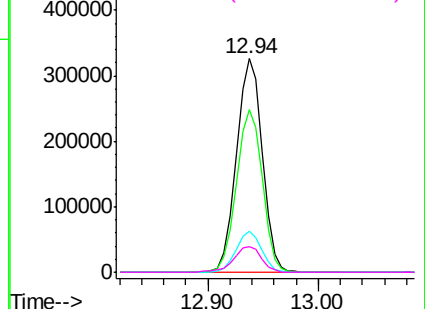
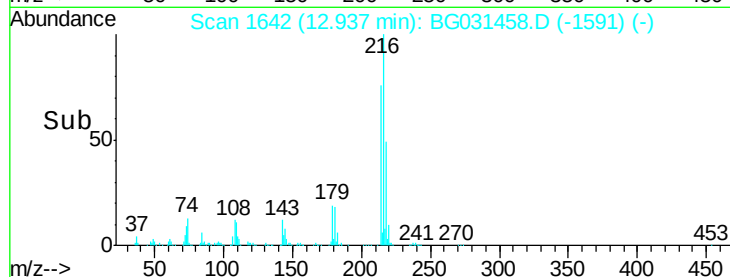


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 96.596 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

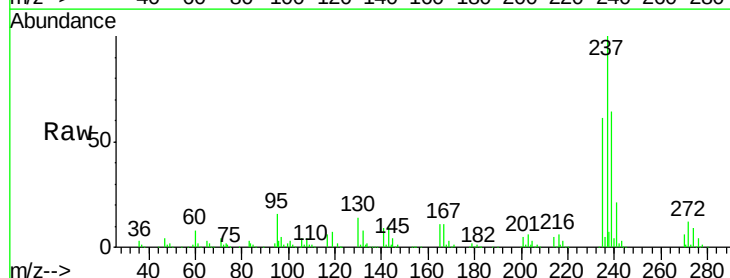
Tgt Ion:237 Resp: 180856

Ion Ratio Lower Upper

237 100

235 60.8 50.4 90.4

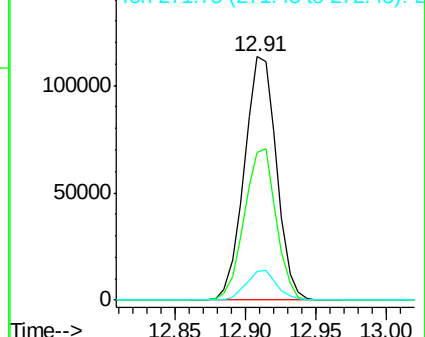
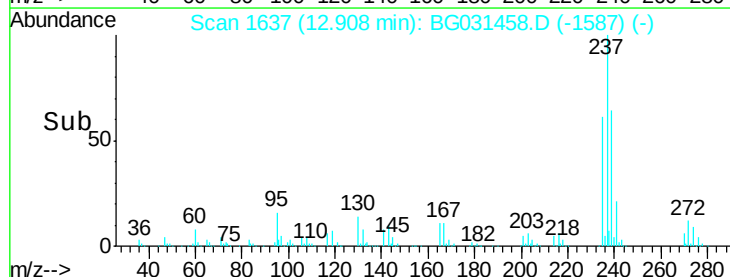
272 11.6 0.0 31.8



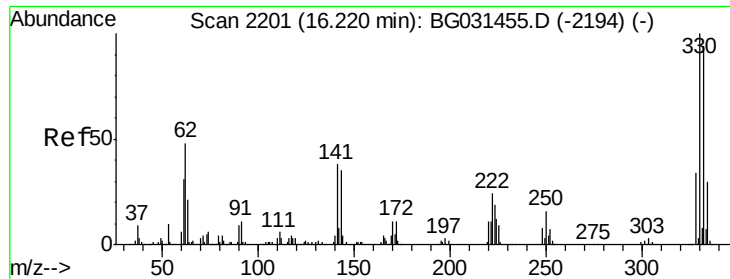
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



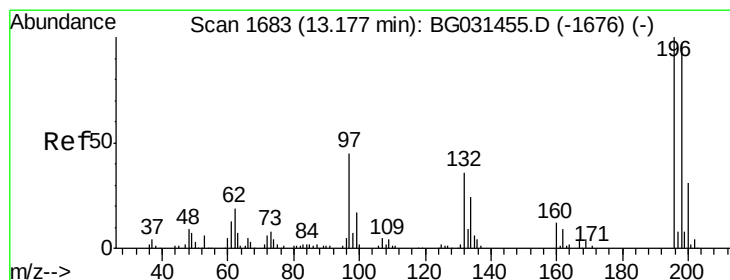
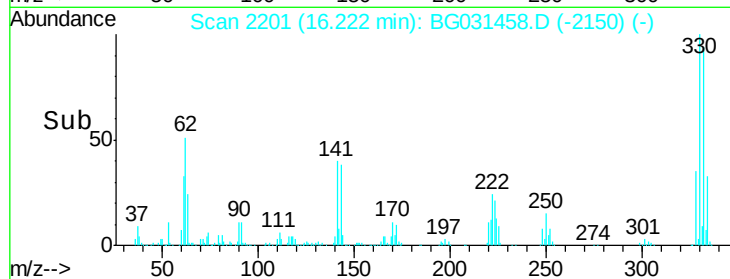
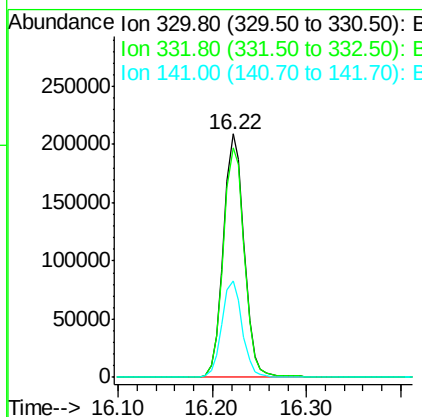
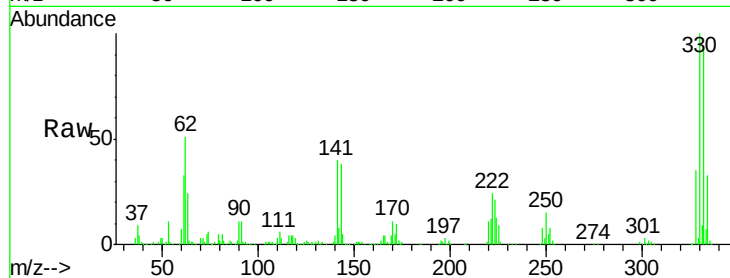




#41  
 2,4,6-Tribromophenol  
 Concen: 117.616 ng  
 RT: 16.22 min Scan# 2201  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

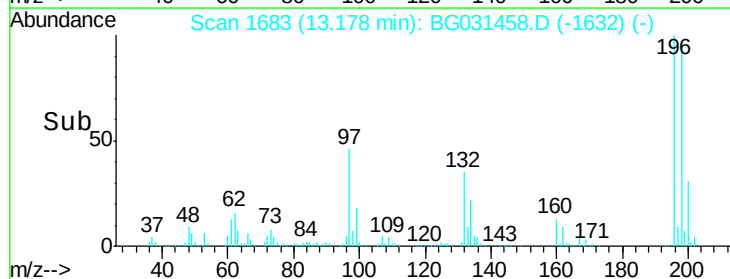
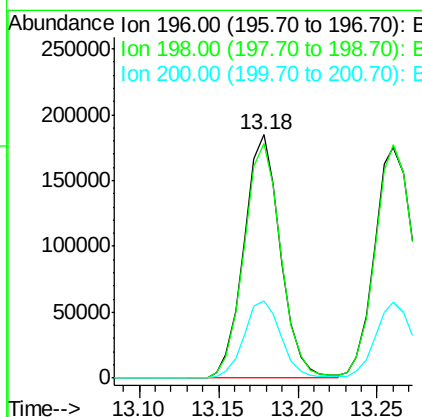
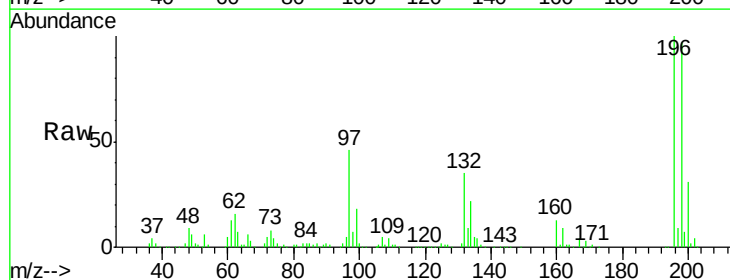
Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDICC080

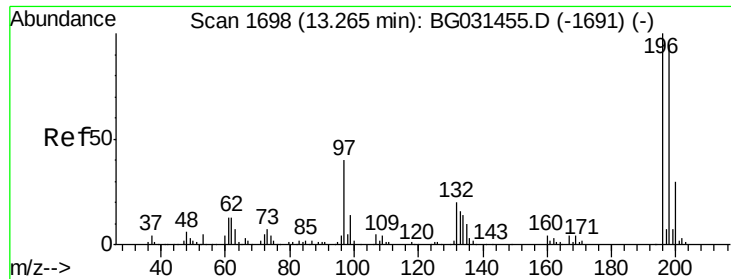
Tgt Ion:330 Resp: 322906  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 77.0 115.6  
 141 39.3 25.2 37.8#



#42  
 2,4,6-Trichlorophenol  
 Concen: 76.659 ng  
 RT: 13.18 min Scan# 1683  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

Tgt Ion:196 Resp: 295189  
 Ion Ratio Lower Upper  
 196 100  
 198 96.6 78.2 117.2  
 200 31.5 24.6 36.8

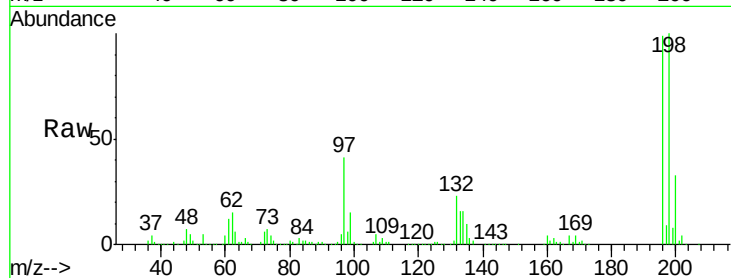




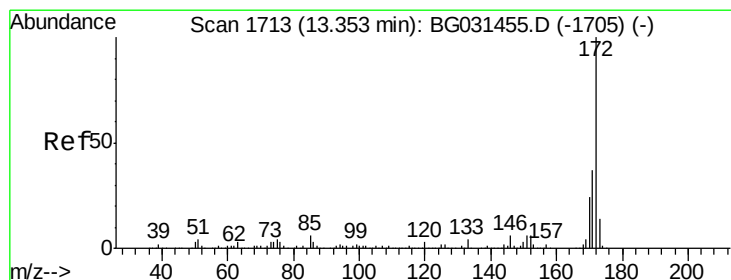
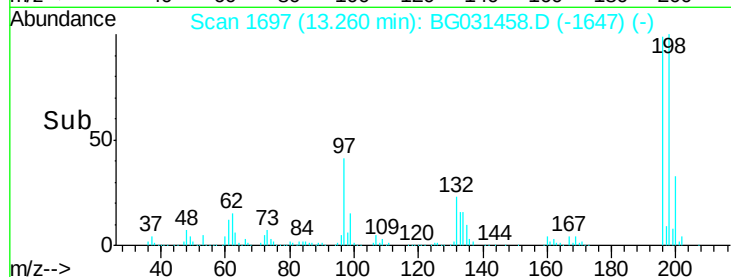
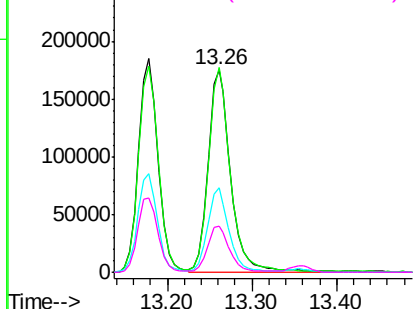
#43  
2,4,5-Trichlorophenol  
Concen: 76.988 ng  
RT: 13.26 min Scan# 1697  
Delta R.T. -0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Instrument :  
BNA\_G  
ClientSampled :  
SSTDIC080

Tgt Ion:196 Resp: 324360  
Ion Ratio Lower Upper  
196 100  
198 101.1 76.2 114.4  
97 41.7 38.7 58.1  
132 23.0 20.2 30.2

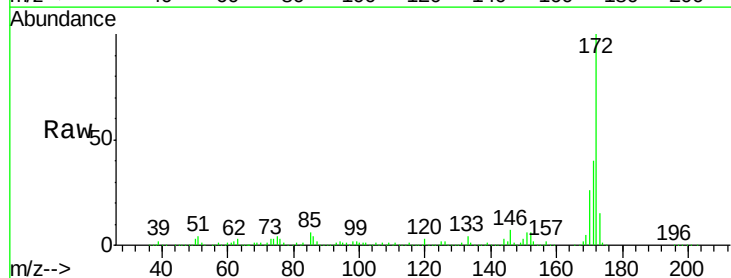


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BGC  
Ion 132.00 (131.70 to 132.70): E

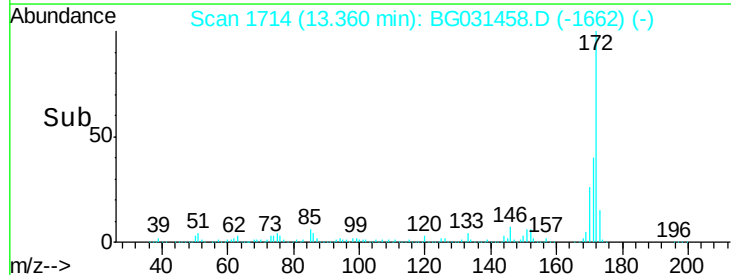
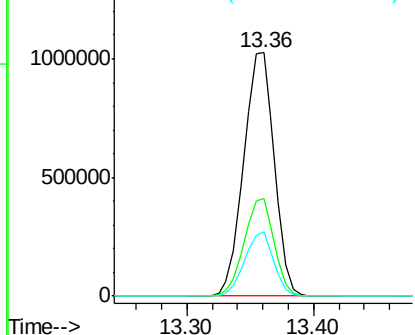


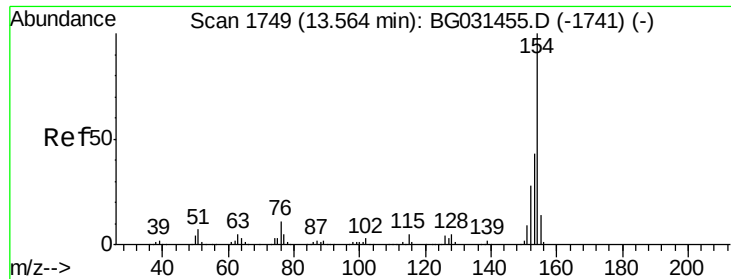
#44  
2-Fluorobiphenyl  
Concen: 145.689 ng  
RT: 13.36 min Scan# 1714  
Delta R.T. 0.01 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Tgt Ion:172 Resp: 1720769  
Ion Ratio Lower Upper  
172 100  
171 40.1 30.0 45.0  
170 26.3 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

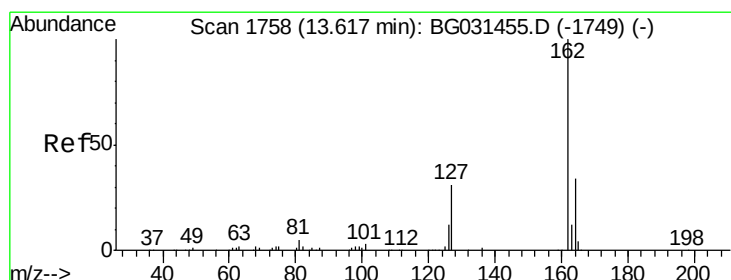
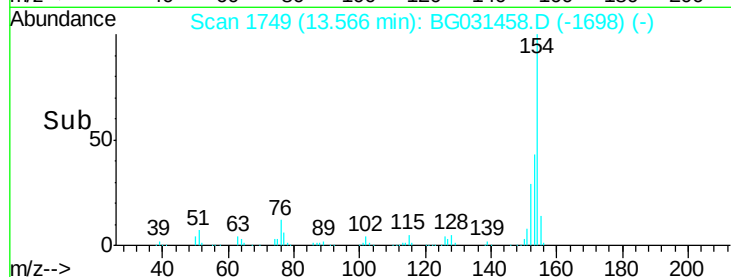
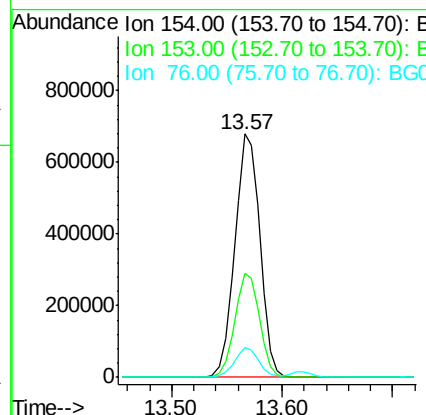
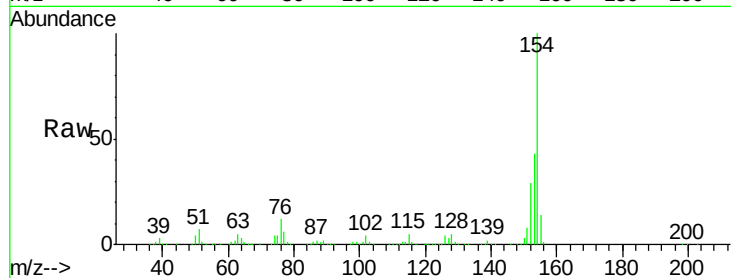




#45  
 1,1'-Biphenyl  
 Concen: 76.656 ng  
 RT: 13.57 min Scan# 1749  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

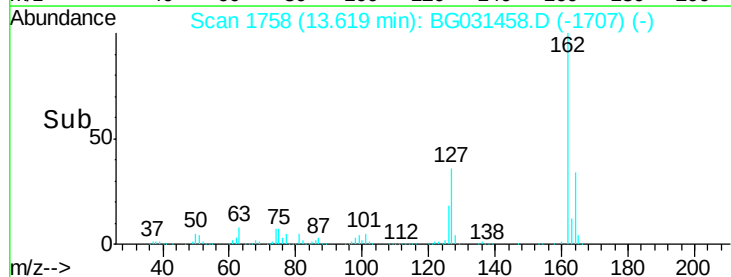
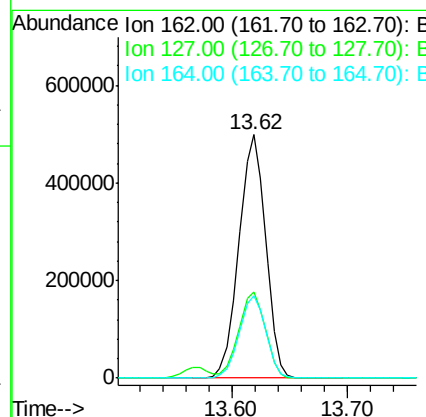
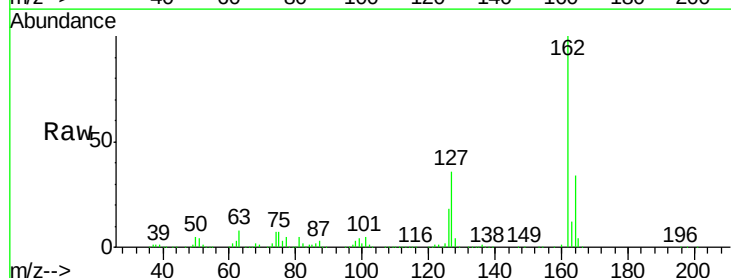
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

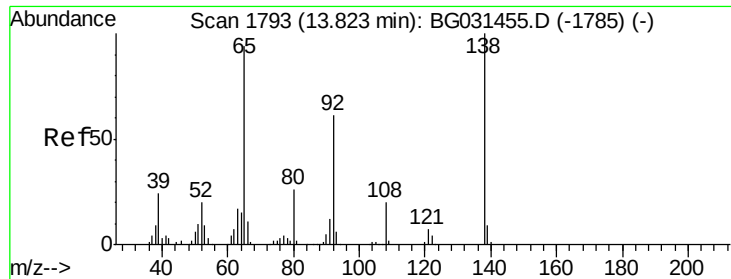
Tgt Ion:154 Resp: 1078805  
 Ion Ratio Lower Upper  
 154 100  
 153 42.8 19.8 59.8  
 76 12.1 0.0 31.9



#46  
 2-Chloronaphthalene  
 Concen: 78.632 ng  
 RT: 13.62 min Scan# 1758  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

Tgt Ion:162 Resp: 798428  
 Ion Ratio Lower Upper  
 162 100  
 127 35.5 30.7 46.1  
 164 34.0 26.0 39.0

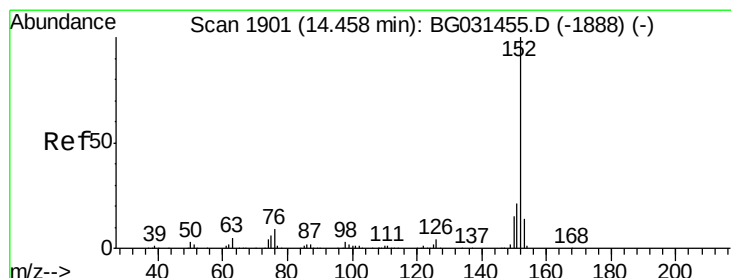
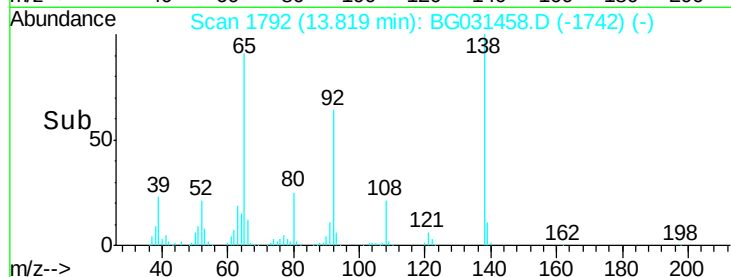
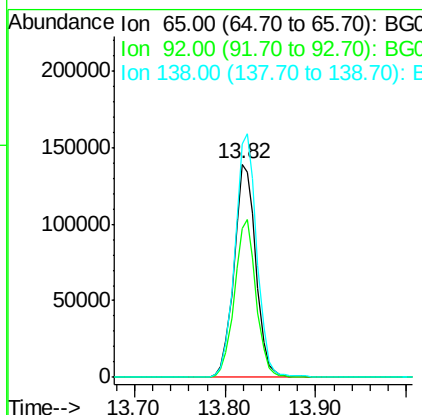
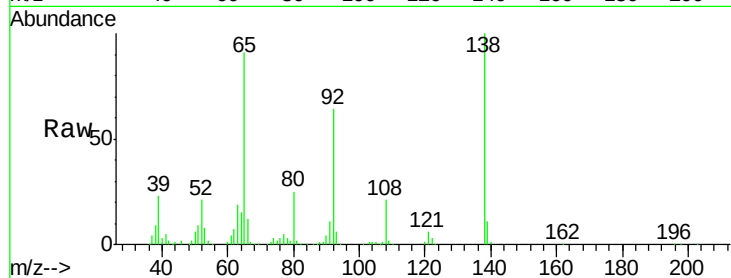




#47  
2-Nitroaniline  
Concen: 78.328 ng  
RT: 13.82 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

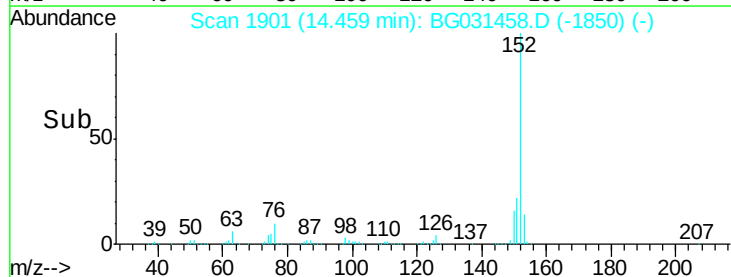
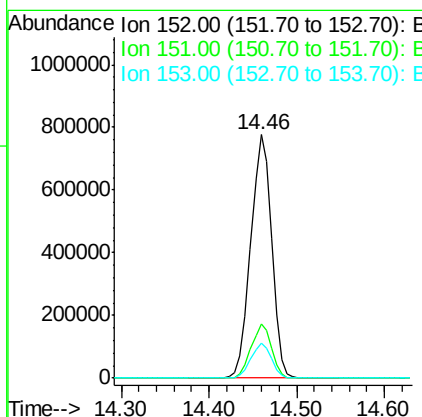
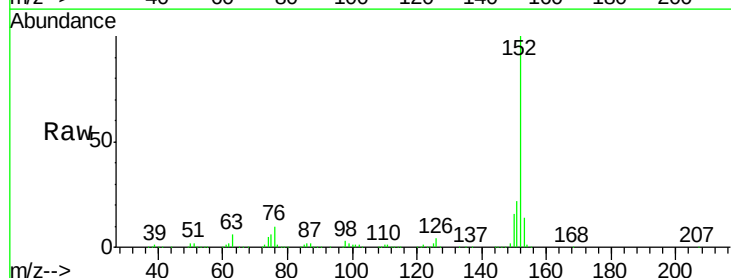
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

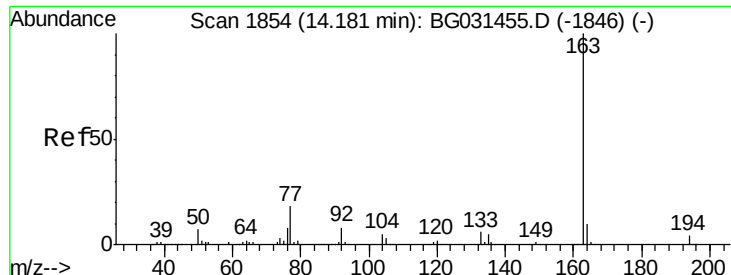
Tgt Ion: 65 Resp: 235737  
Ion Ratio Lower Upper  
65 100  
92 69.9 54.6 82.0  
138 109.8 72.9 109.3#



#48  
Acenaphthylene  
Concen: 75.270 ng  
RT: 14.46 min Scan# 1901  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Tgt Ion: 152 Resp: 1250916  
Ion Ratio Lower Upper  
152 100  
151 22.1 17.2 25.8  
153 14.3 10.2 15.4





#49

Dimethylphthalate

Concen: 72.912 ng

RT: 14.19 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

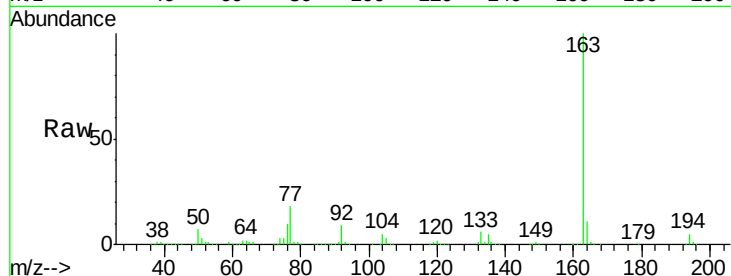
Tgt Ion:163 Resp: 1069920

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

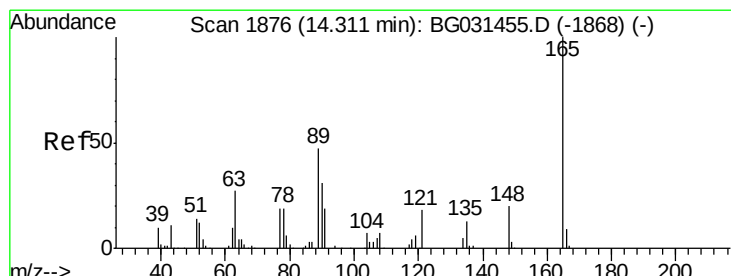
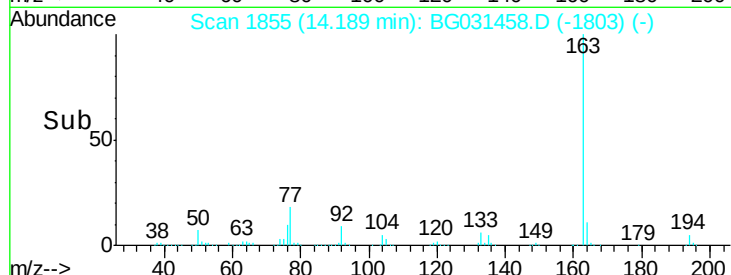
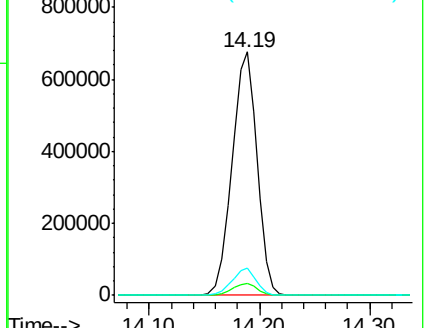
164 11.1 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 78.340 ng

RT: 14.31 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

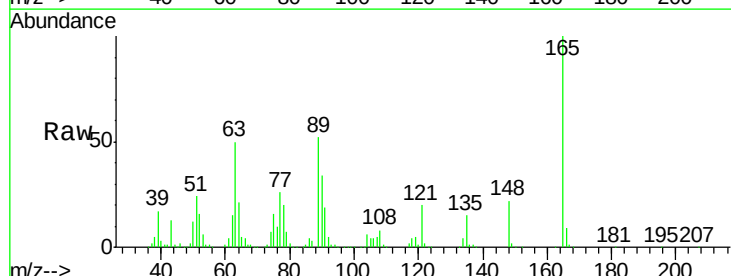
Tgt Ion:165 Resp: 236945

Ion Ratio Lower Upper

165 100

63 50.0 52.7 79.1#

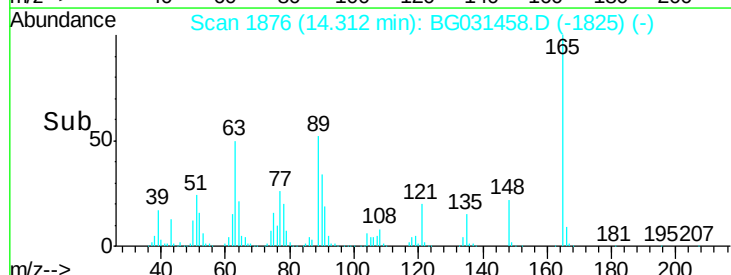
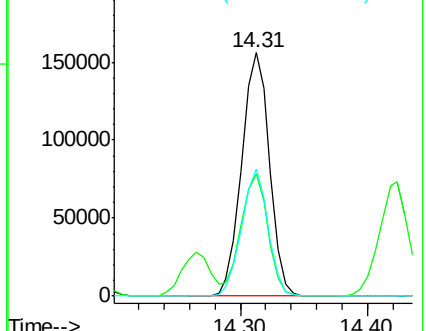
89 52.2 49.2 73.8

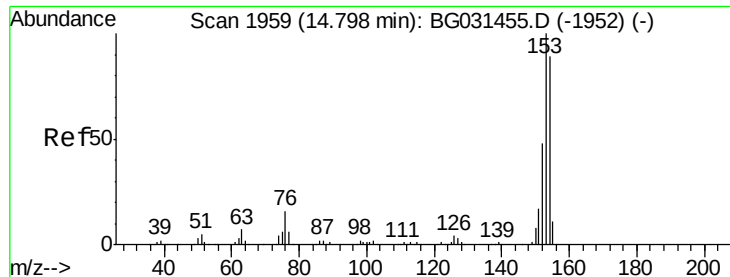


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 76.879 ng

RT: 14.80 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

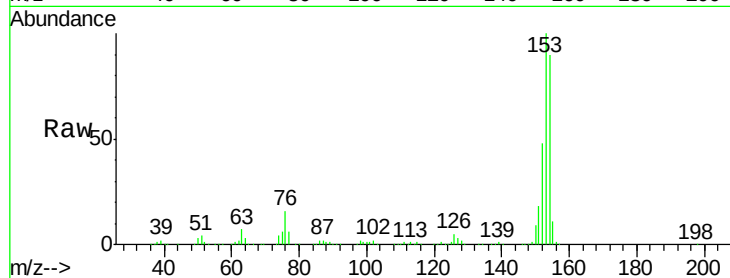
Tgt Ion:154 Resp: 797948

Ion Ratio Lower Upper

154 100

153 111.1 90.4 135.6

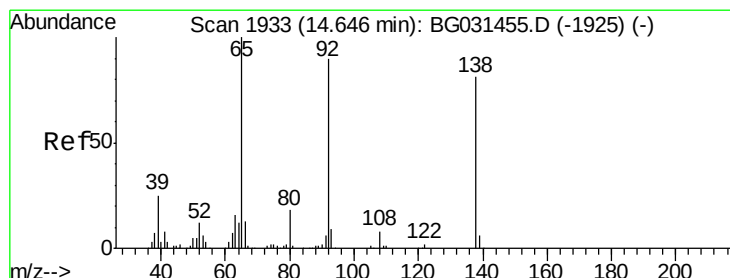
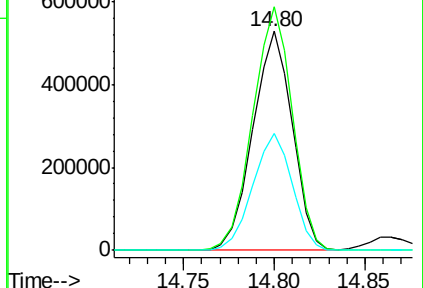
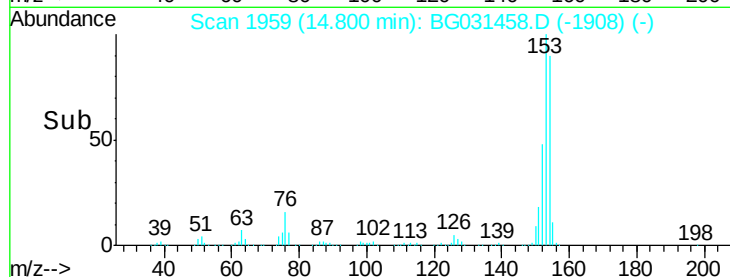
152 53.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 75.455 ng

RT: 14.65 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

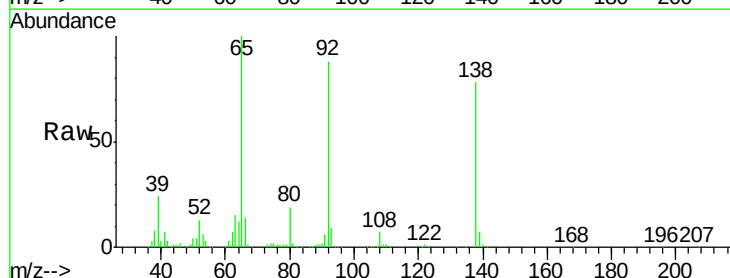
Tgt Ion:138 Resp: 242327

Ion Ratio Lower Upper

138 100

108 9.5 17.5 26.3#

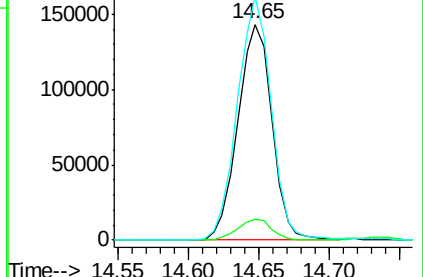
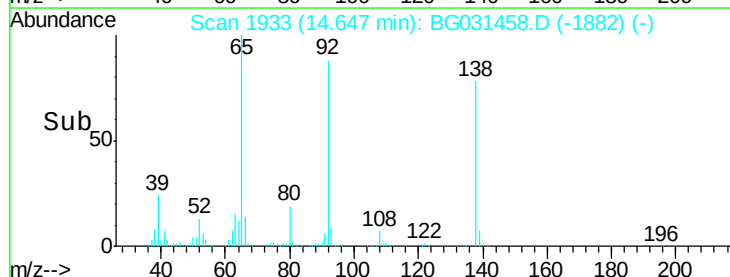
92 112.9 105.8 158.8

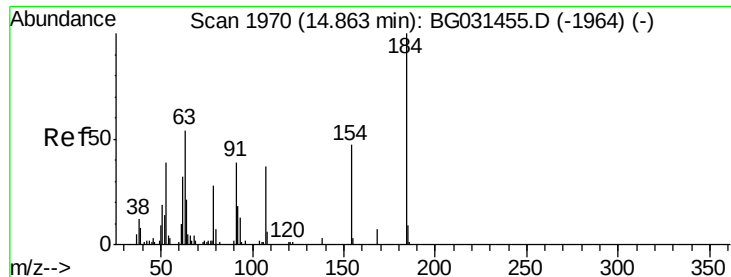


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

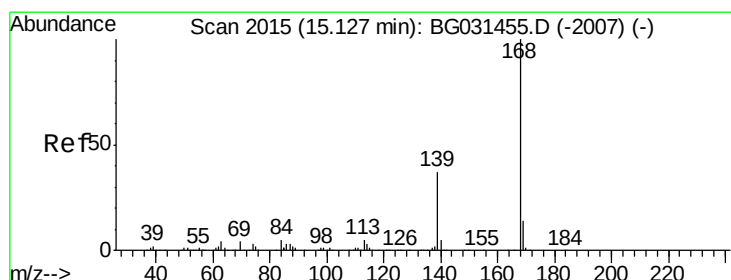
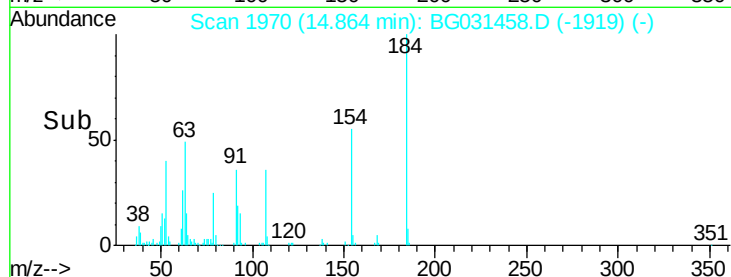
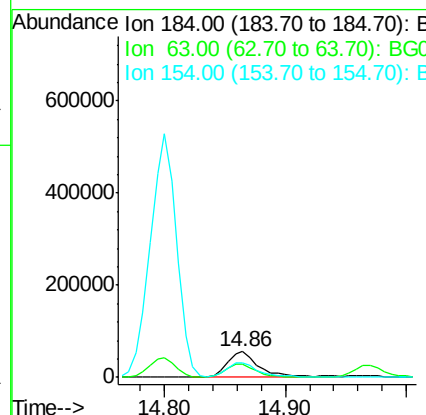
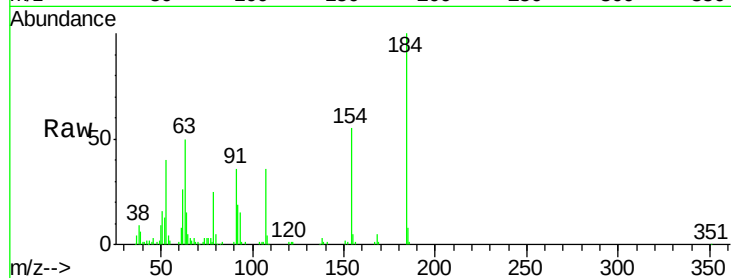




#53  
2,4-Dinitrophenol  
Concen: 71.683 ng  
RT: 14.86 min Scan# 1970  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

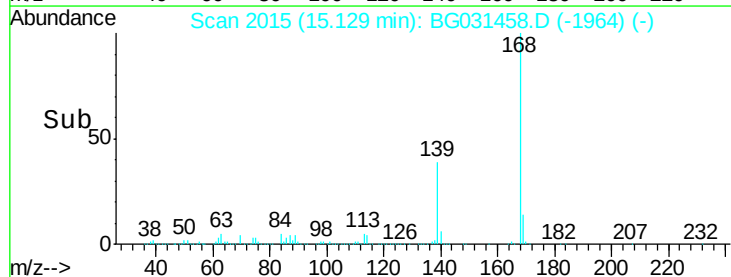
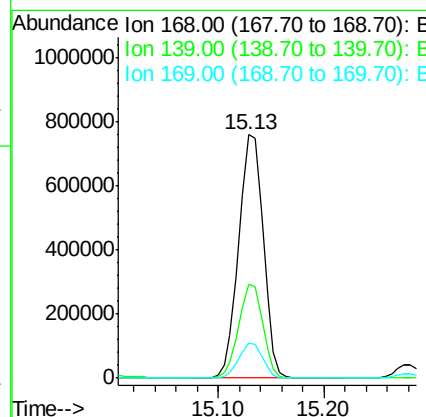
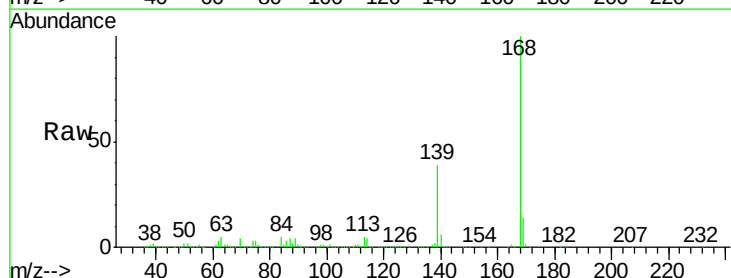
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

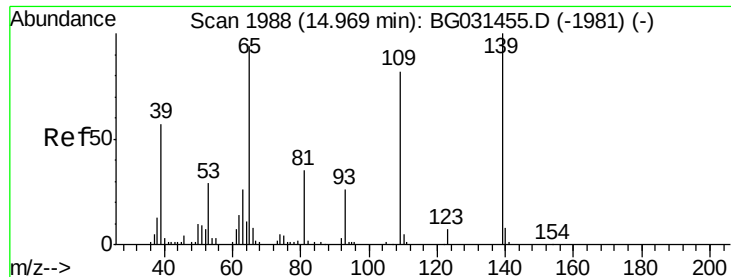
Tgt Ion:184 Resp: 102887  
Ion Ratio Lower Upper  
184 100  
63 49.9 59.8 89.8#  
154 55.1 101.8 152.8#



#54  
Dibenzofuran  
Concen: 73.744 ng  
RT: 15.13 min Scan# 2015  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Tgt Ion:168 Resp: 1219155  
Ion Ratio Lower Upper  
168 100  
139 38.7 28.6 43.0  
169 14.5 11.2 16.8

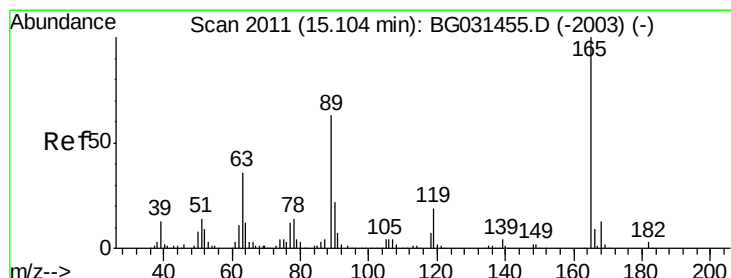
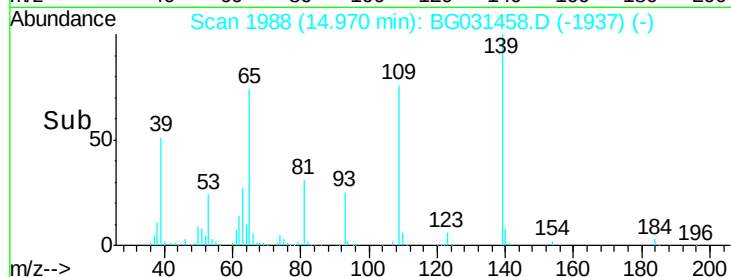
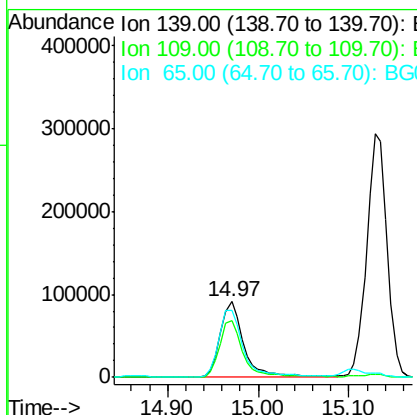
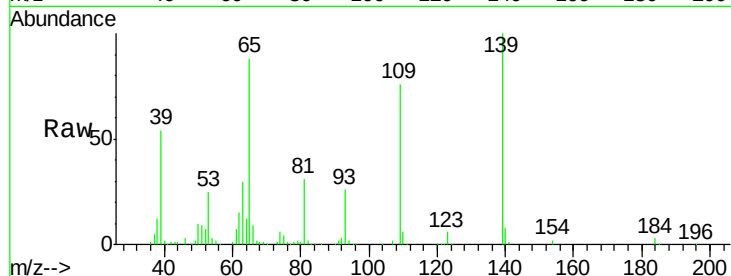




#55  
4-Nitrophenol  
Concen: 72.974 ng  
RT: 14.97 min Scan# 1988  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

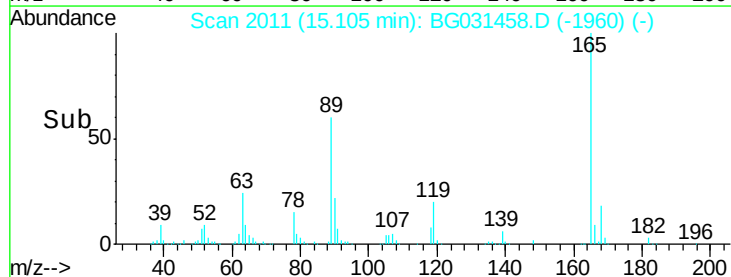
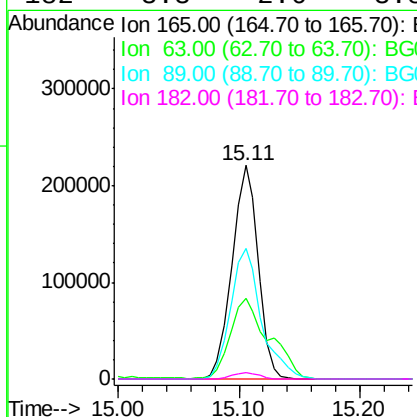
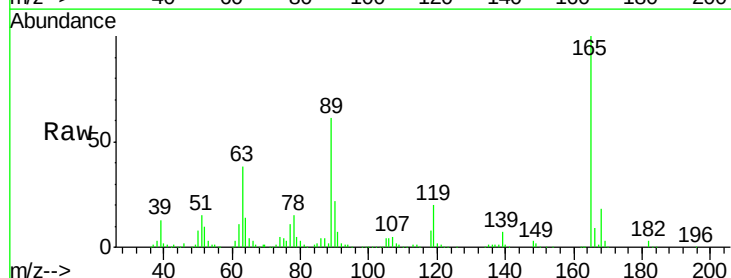
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

Tgt Ion:139 Resp: 166944  
Ion Ratio Lower Upper  
139 100  
109 75.5 62.2 102.2  
65 88.3 97.2 137.2#

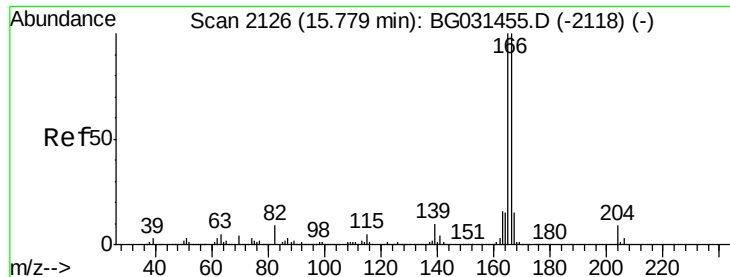


#56  
2,4-Dinitrotoluene  
Concen: 75.824 ng  
RT: 15.11 min Scan# 2011  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Tgt Ion:165 Resp: 331545  
Ion Ratio Lower Upper  
165 100  
63 37.8 42.0 63.0#  
89 61.4 66.9 100.3#  
182 3.3 2.6 3.8







#57

Fluorene

Concen: 72.523 ng

RT: 15.78 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

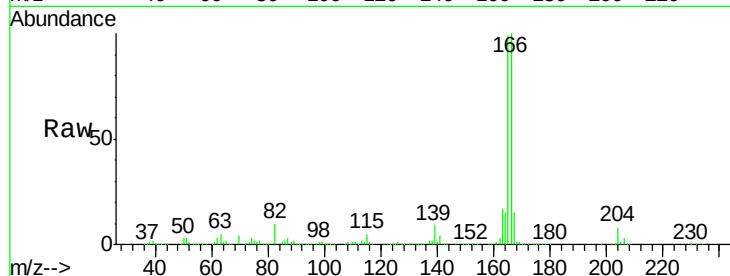
Tgt Ion:166 Resp: 973401

Ion Ratio Lower Upper

166 100

165 99.0 80.6 121.0

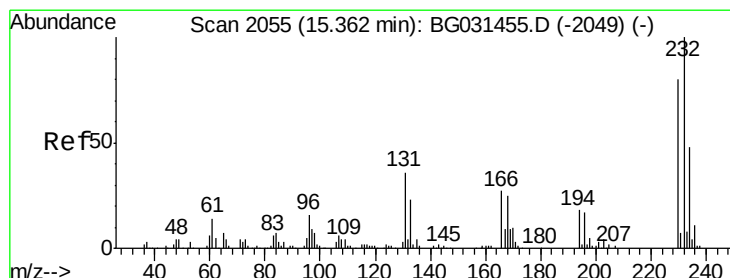
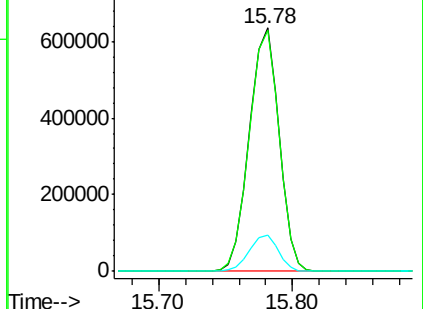
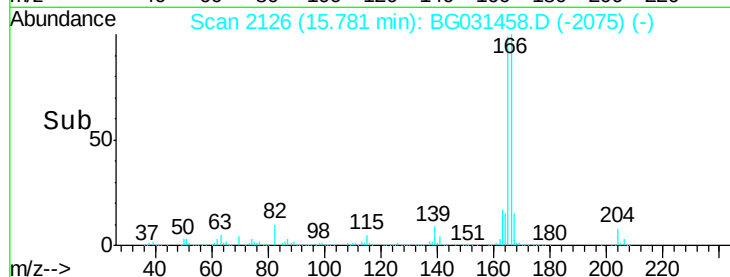
167 15.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 71.167 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Tgt Ion:232 Resp: 285765

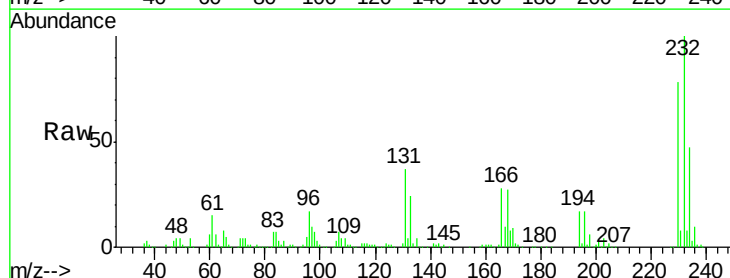
Ion Ratio Lower Upper

232 100

131 36.5 33.5 50.3

130 2.2 2.2 3.2

166 26.4 24.8 37.2

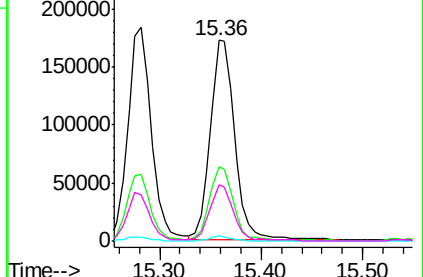
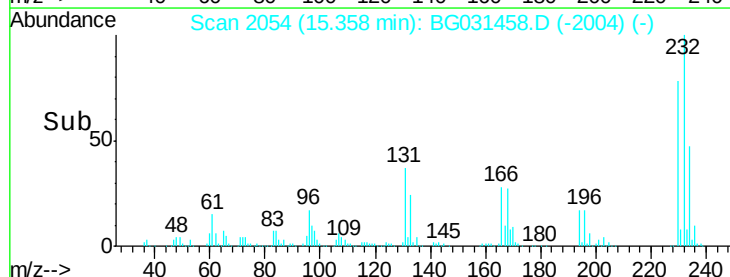


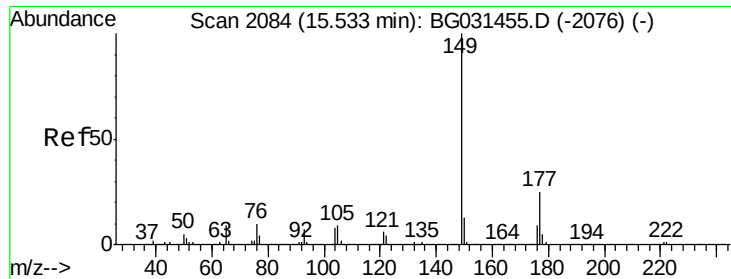
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

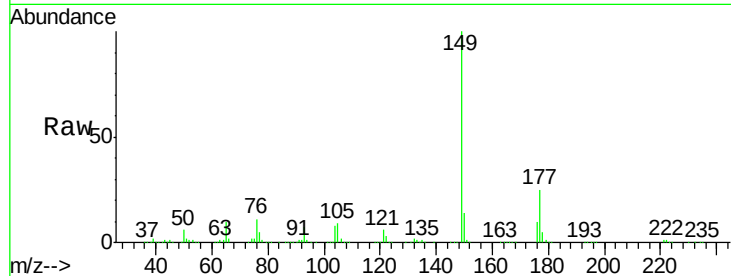




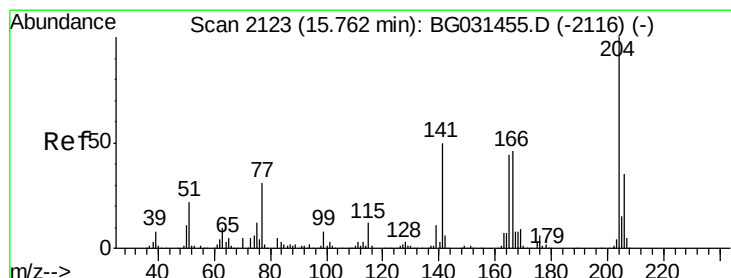
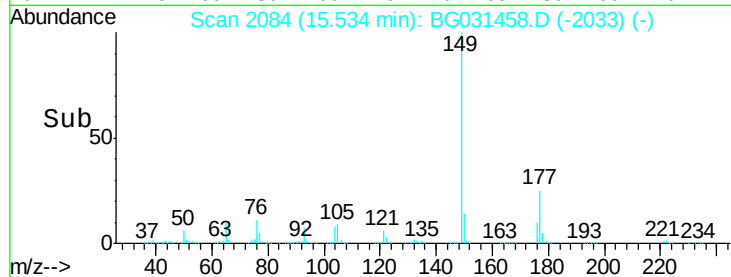
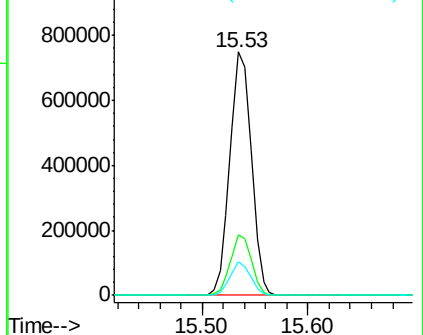
#59  
Diethylphthalate  
Concen: 70.538 ng  
RT: 15.53 min Scan# 2084  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion:149 Resp: 1051421  
Ion Ratio Lower Upper  
149 100  
177 25.0 18.5 27.7  
150 13.9 10.2 15.2

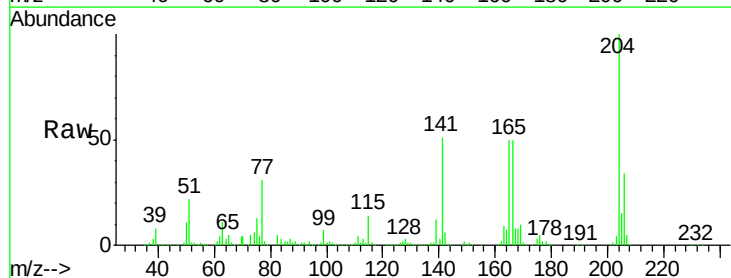


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

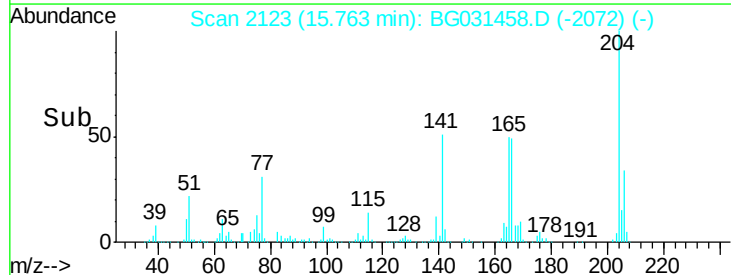
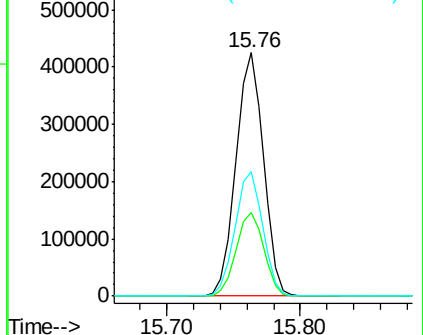


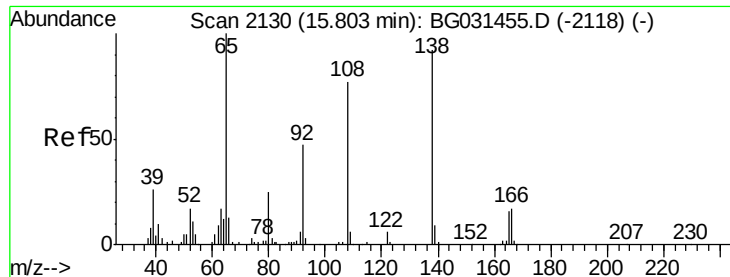
#60  
4-Chlorophenyl-phenylether  
Concen: 74.992 ng  
RT: 15.76 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Tgt Ion:204 Resp: 607897  
Ion Ratio Lower Upper  
204 100  
206 34.3 26.2 39.2  
141 51.2 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

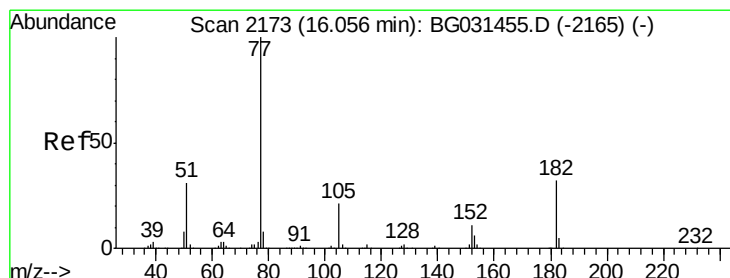
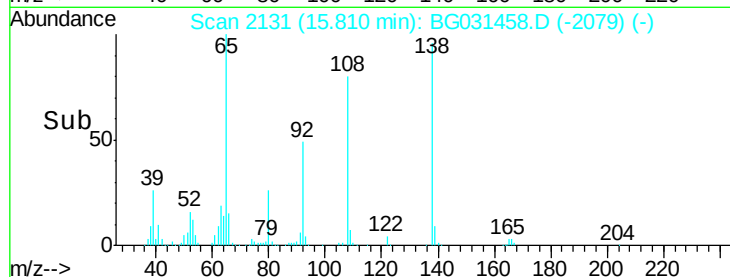
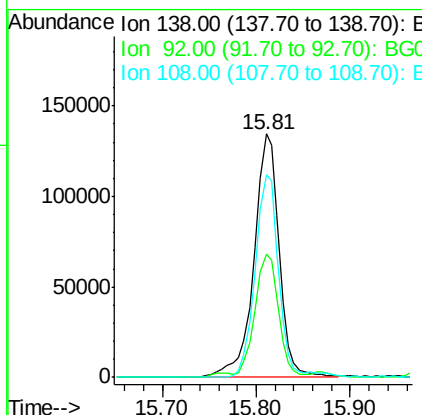
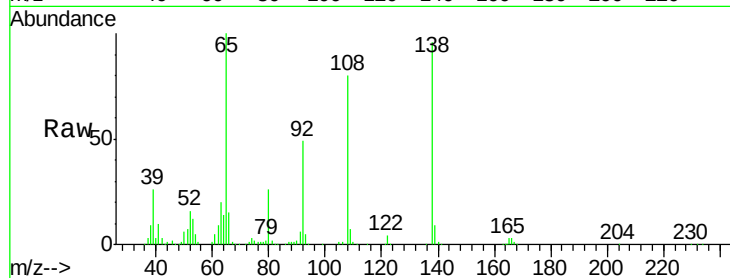




#61  
4-Nitroaniline  
Concen: 73.496 ng  
RT: 15.81 min Scan# 2131  
Delta R.T. 0.01 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

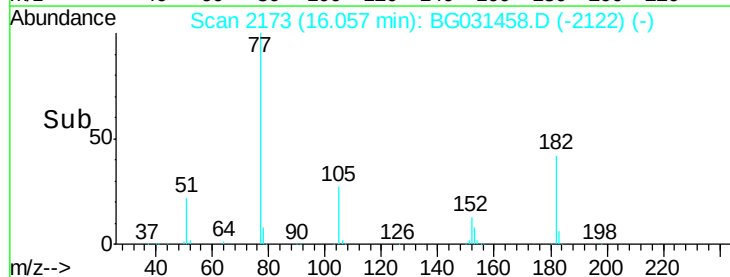
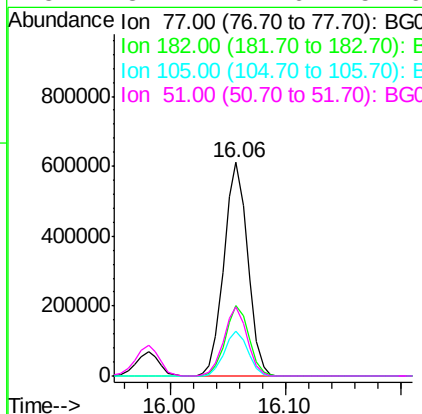
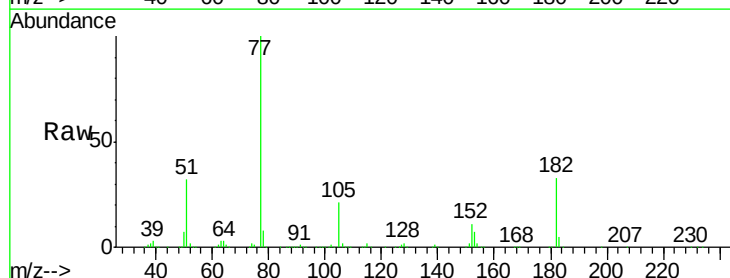
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

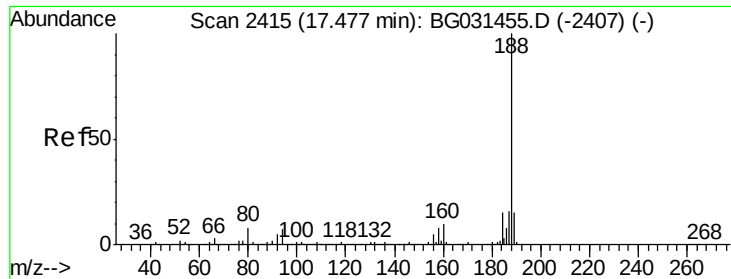
Tgt Ion: 138 Resp: 249939  
Ion Ratio Lower Upper  
138 100  
92 50.5 40.1 80.1  
108 83.1 65.4 105.4



#62  
Azobenzene  
Concen: 76.548 ng  
RT: 16.06 min Scan# 2173  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Tgt Ion: 77 Resp: 870185  
Ion Ratio Lower Upper  
77 100  
182 32.8 7.4 47.4  
105 21.0 0.3 40.3  
51 32.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

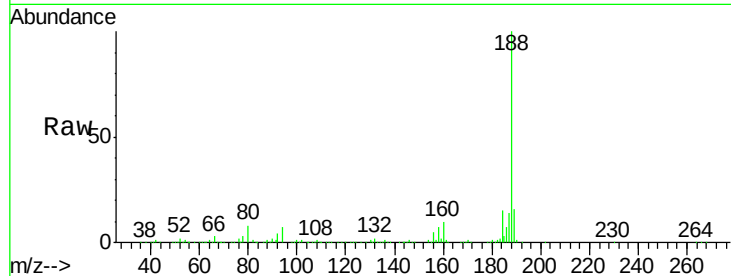
Tgt Ion:188 Resp: 405205

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

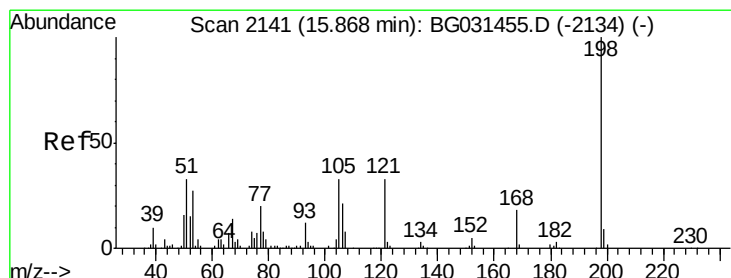
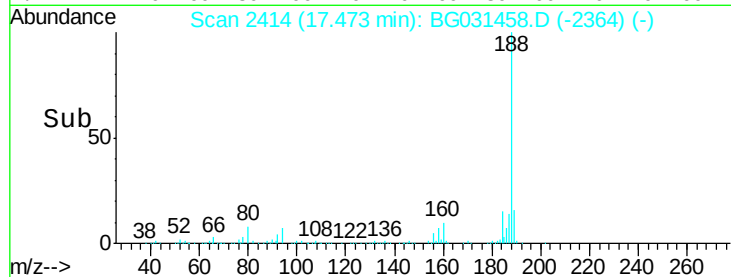
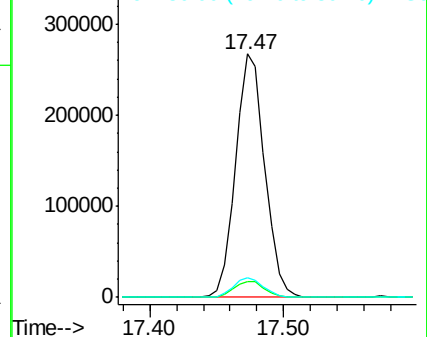
80 8.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 76.843 ng

RT: 15.88 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

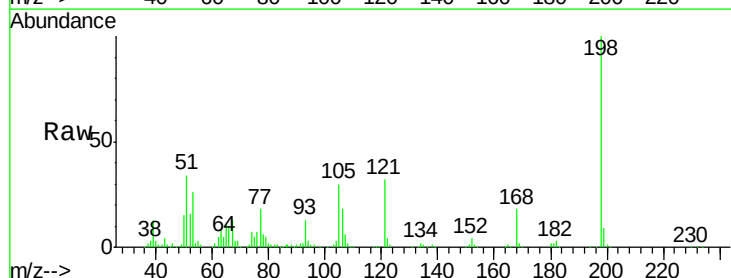
Tgt Ion:198 Resp: 206966

Ion Ratio Lower Upper

198 100

51 33.6 30.6 70.6

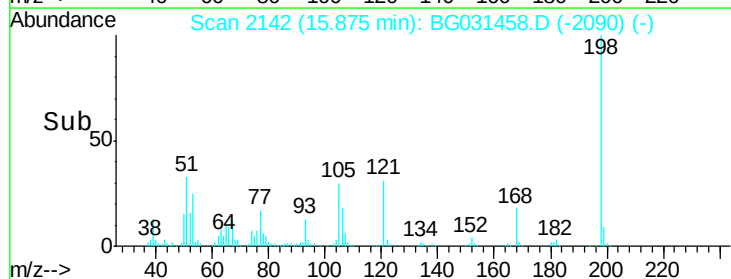
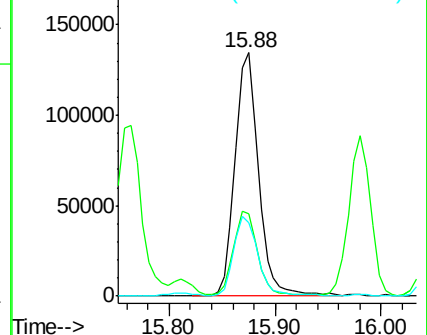
105 30.3 23.8 63.8

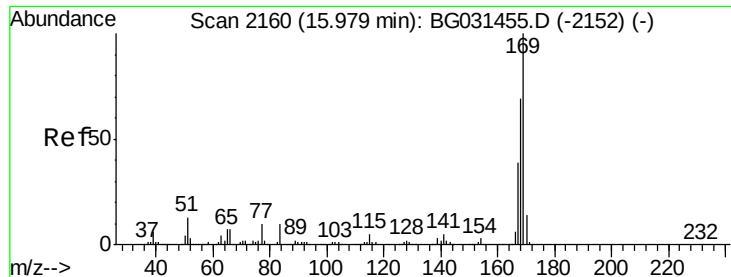


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 77.072 ng

RT: 15.98 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

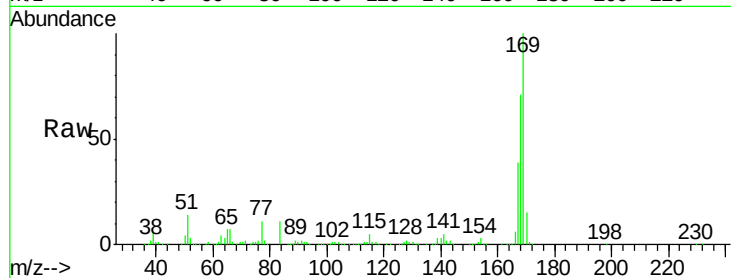
Tgt Ion:169 Resp: 946350

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

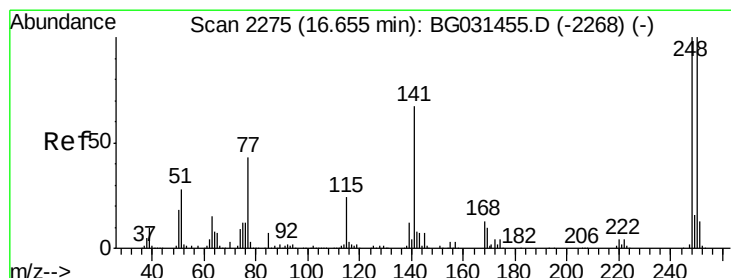
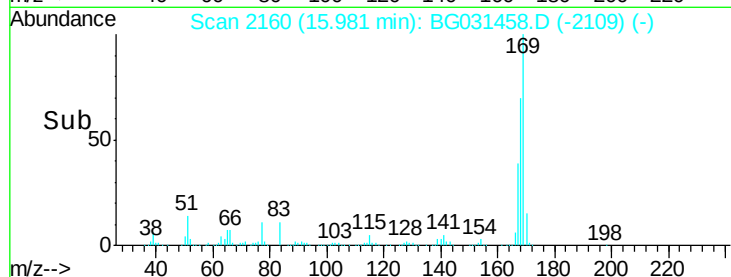
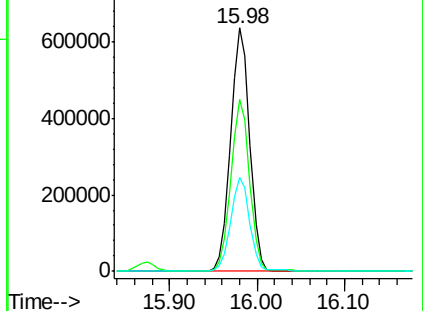
167 38.7 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 74.943 ng

RT: 16.66 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

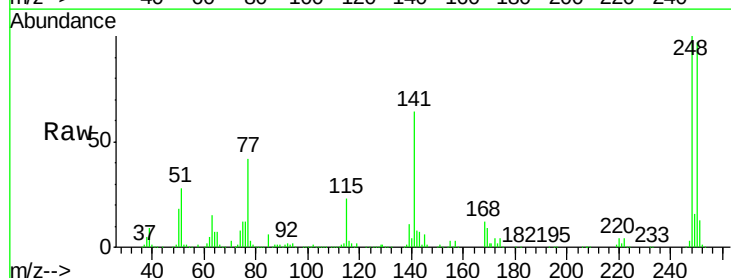
Tgt Ion:248 Resp: 384615

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

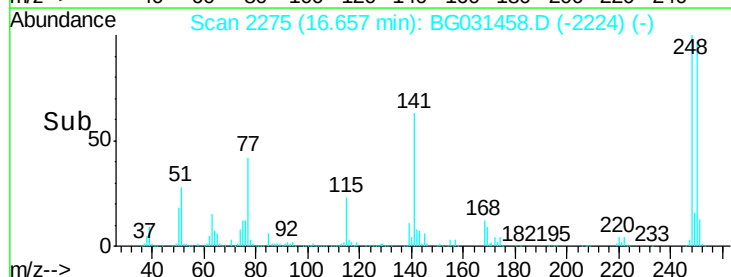
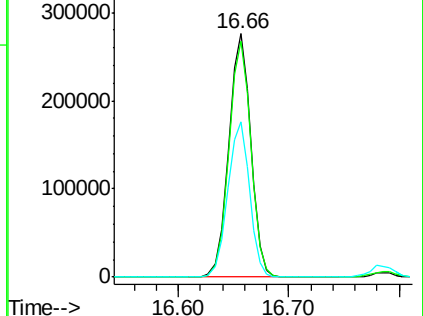
141 63.5 50.8 76.2

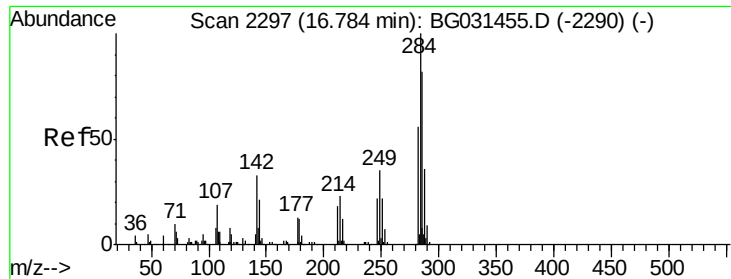


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 70.754 ng

RT: 16.79 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

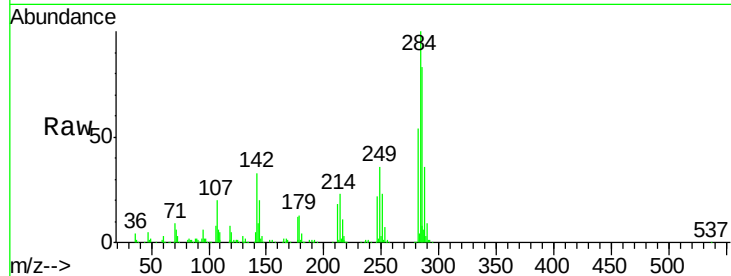
Tgt Ion:284 Resp: 385829

Ion Ratio Lower Upper

284 100

142 32.6 26.8 40.2

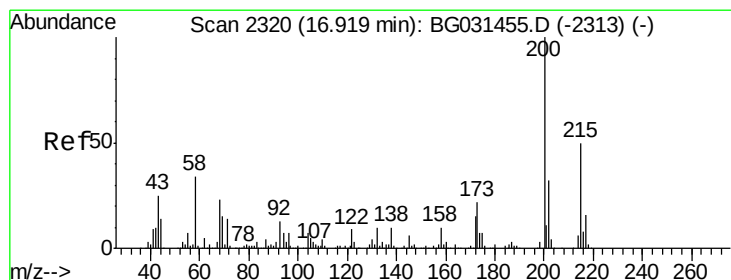
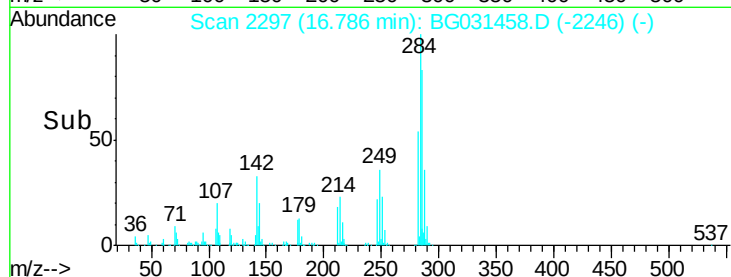
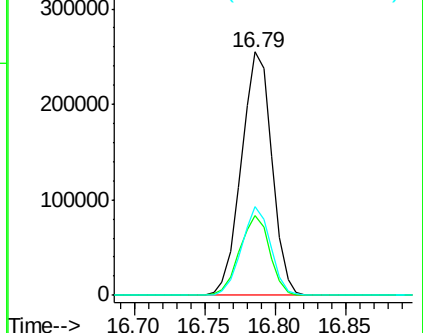
249 36.2 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 64.330 ng

RT: 16.92 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

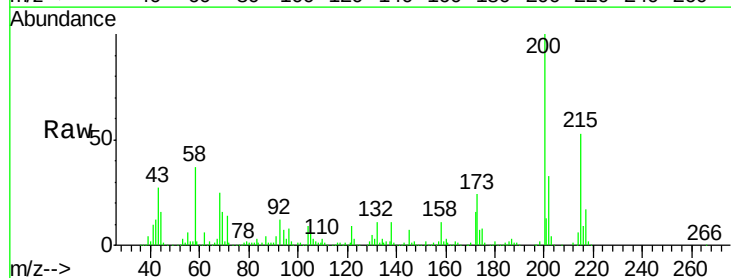
Tgt Ion:200 Resp: 325906

Ion Ratio Lower Upper

200 100

173 24.2 5.2 45.2

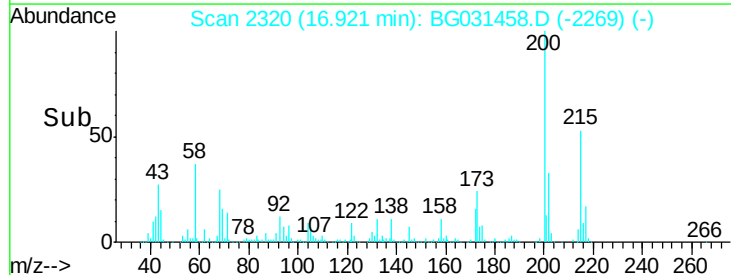
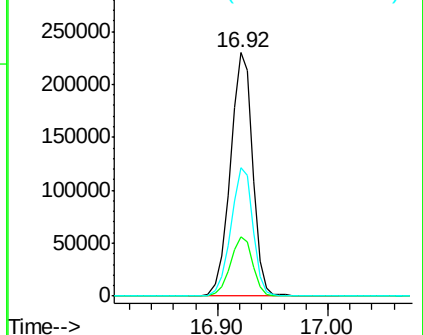
215 52.7 30.4 70.4

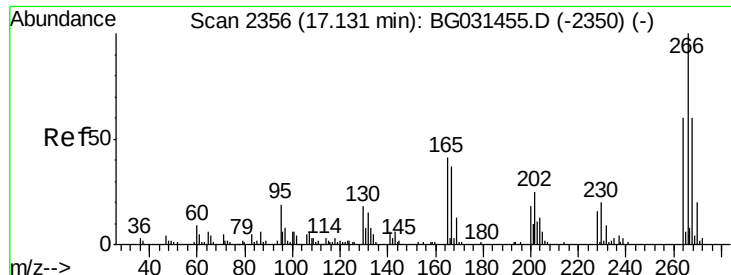


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 62.313 ng

RT: 17.13 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

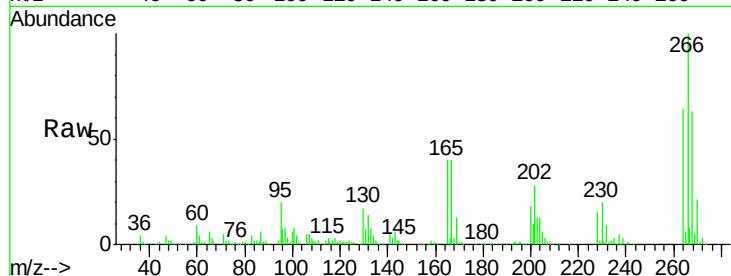
Tgt Ion:266 Resp: 187832

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

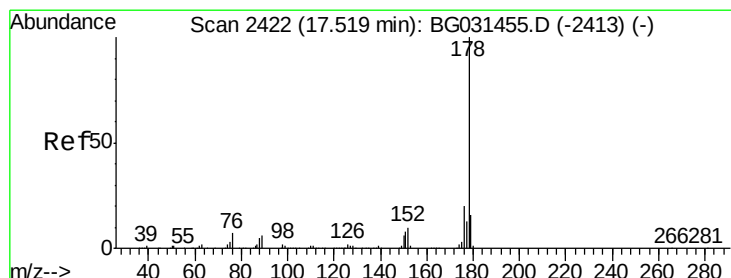
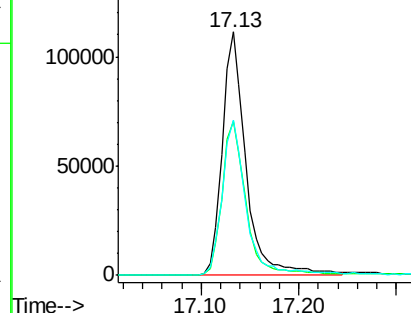
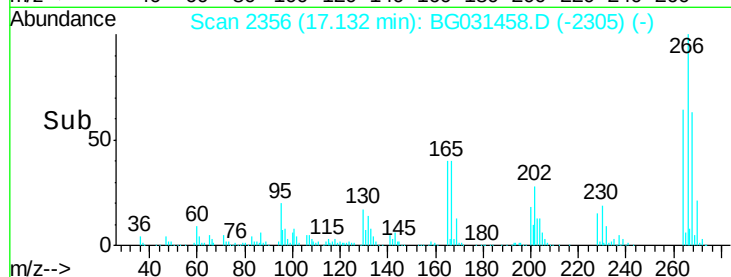
264 63.6 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 74.292 ng

RT: 17.52 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

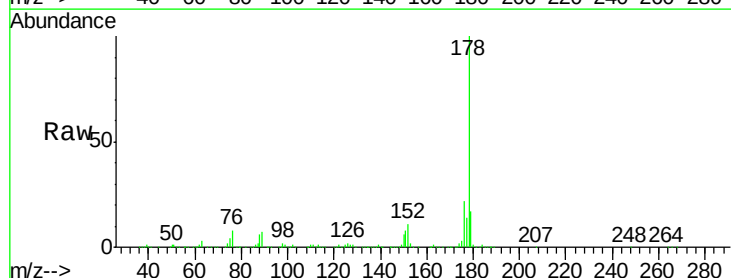
Tgt Ion:178 Resp: 1567403

Ion Ratio Lower Upper

178 100

176 21.6 15.7 23.5

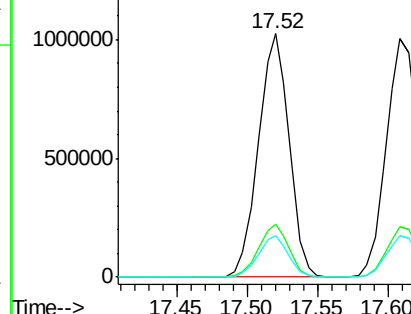
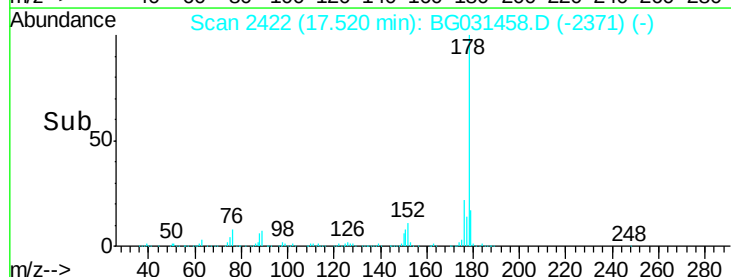
179 16.9 12.5 18.7

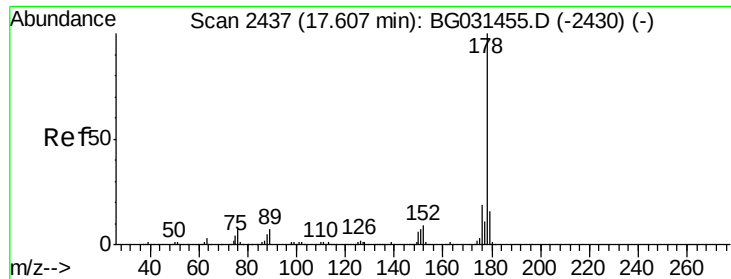


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

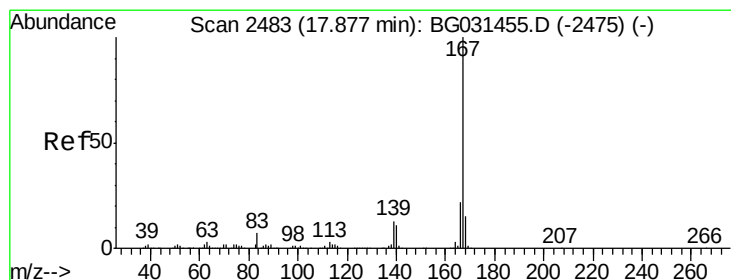
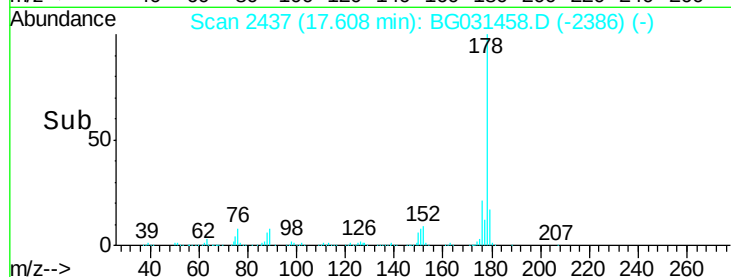
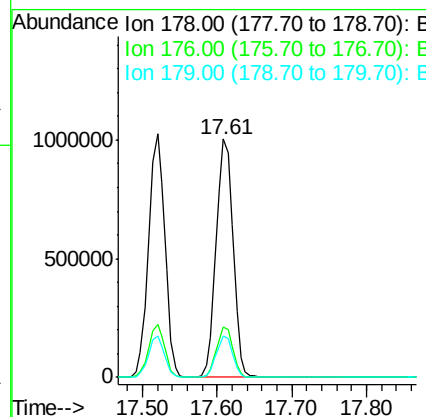
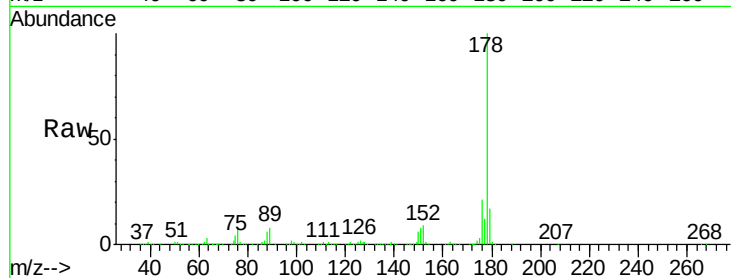




#71  
 Anthracene  
 Concen: 74.793 ng  
 RT: 17.61 min Scan# 2437  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

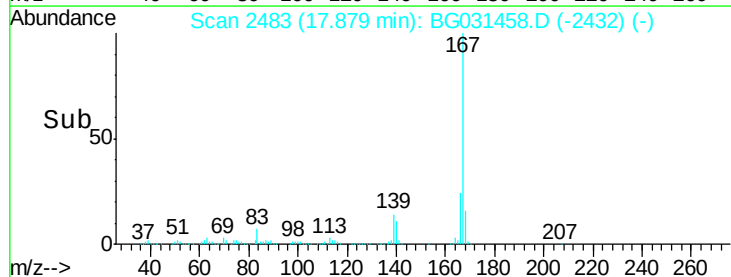
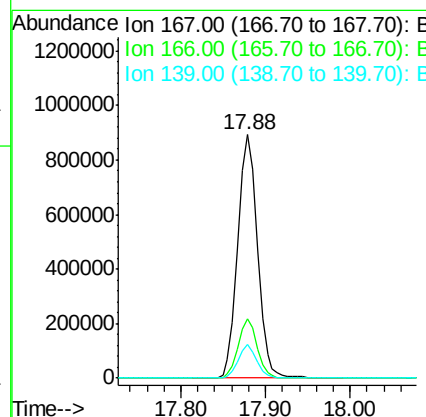
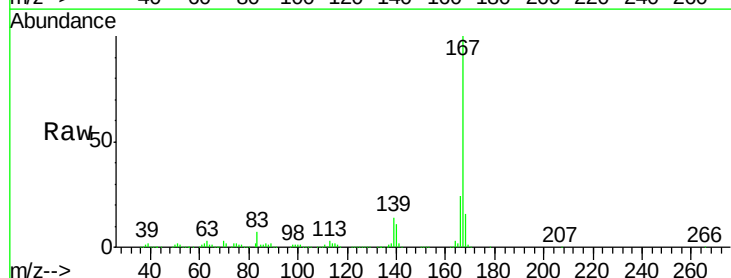
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:178 Resp: 1581130  
 Ion Ratio Lower Upper  
 178 100  
 176 21.2 16.0 24.0  
 179 17.2 12.5 18.7

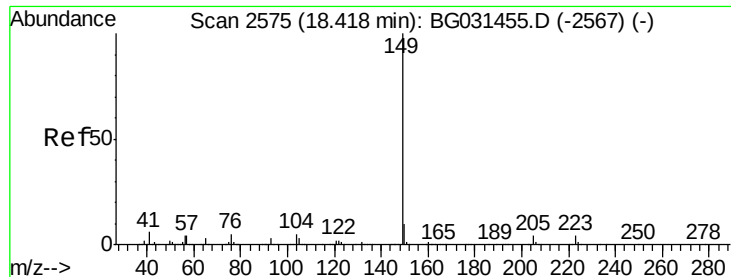


#72  
 Carbazole  
 Concen: 72.058 ng  
 RT: 17.88 min Scan# 2483  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

Tgt Ion:167 Resp: 1427331  
 Ion Ratio Lower Upper  
 167 100  
 166 24.1 18.2 27.4  
 139 13.7 9.4 14.2







#73

Di-n-butylphthalate

Concen: 69.502 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

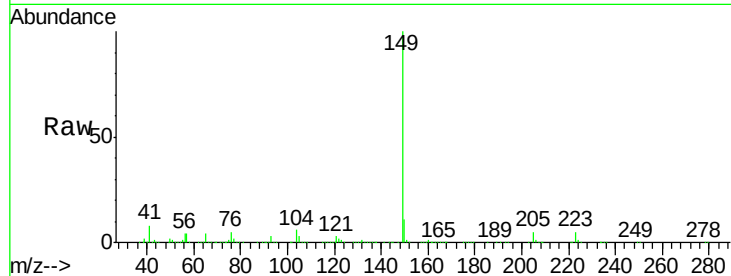
Tgt Ion:149 Resp: 1690347

Ion Ratio Lower Upper

149 100

150 10.6 7.8 11.6

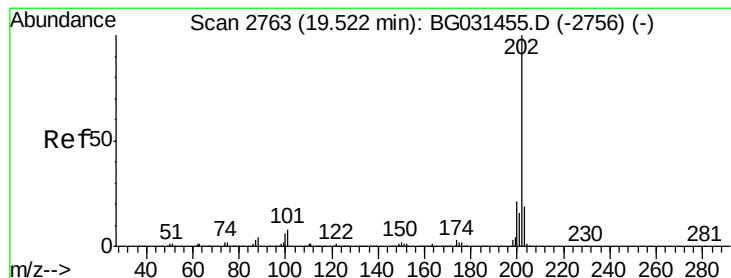
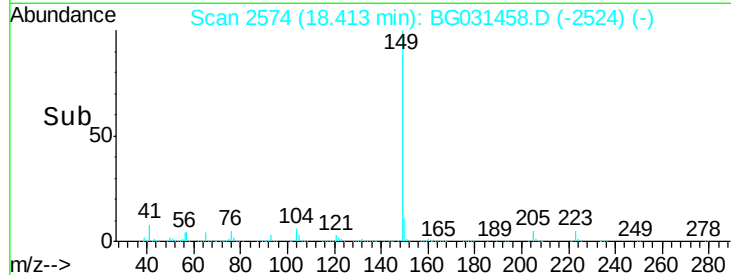
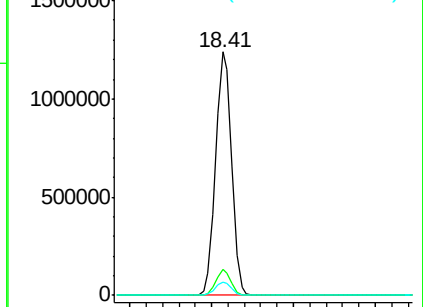
104 5.6 3.9 5.9



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: 72.187 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

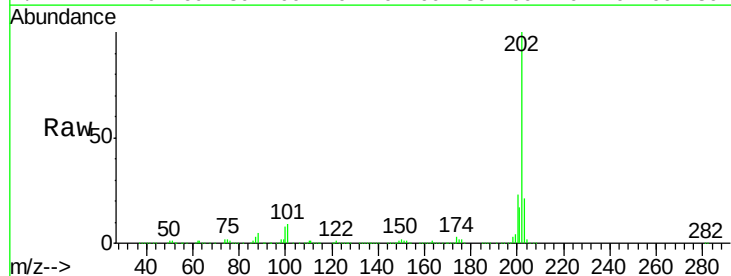
Tgt Ion:202 Resp: 1928315

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.9

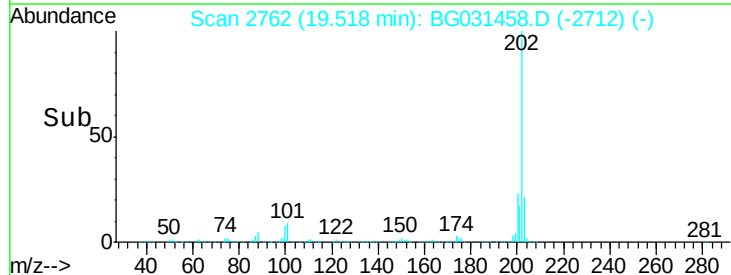
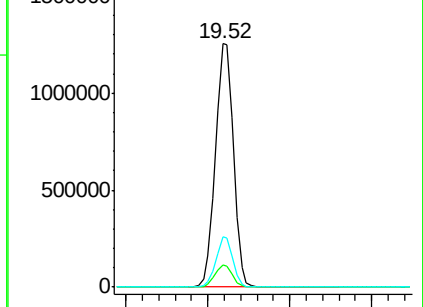
203 20.7 0.0 37.5

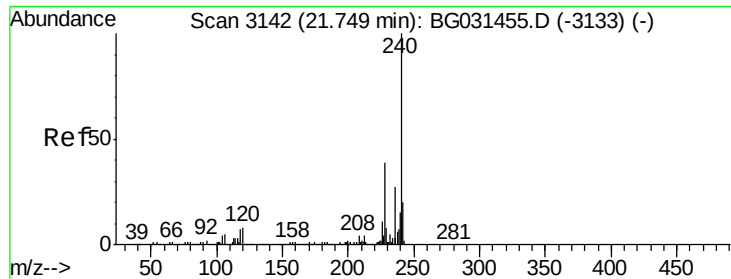


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

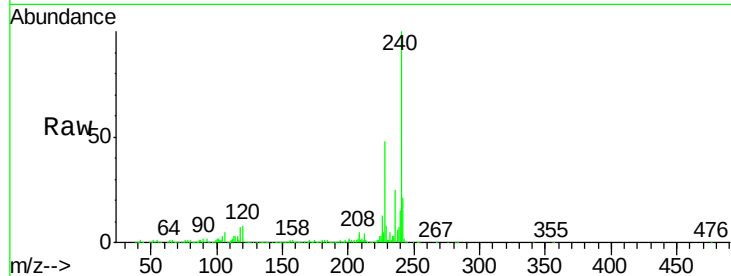
Tgt Ion:240 Resp: 425326

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

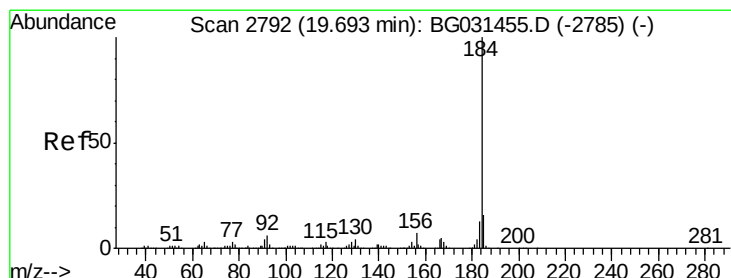
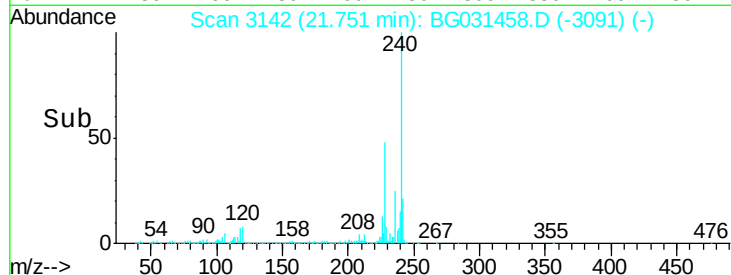
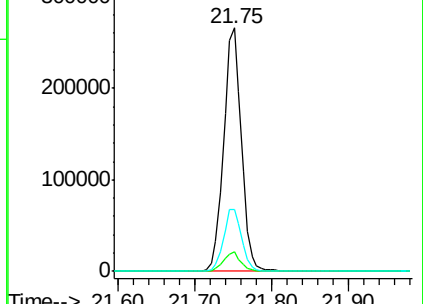
236 25.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.897 ng

RT: 19.69 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

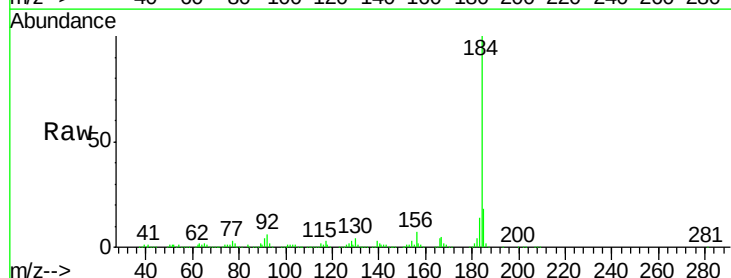
Tgt Ion:184 Resp: 777352

Ion Ratio Lower Upper

184 100

185 18.2 11.1 16.7#

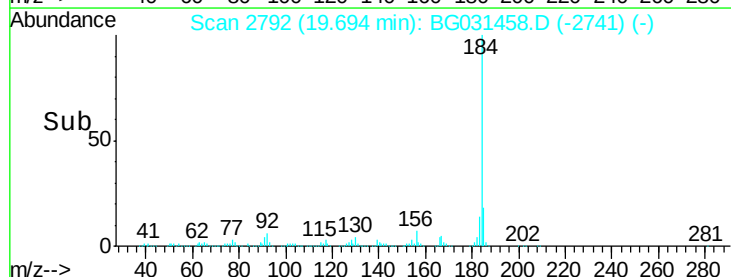
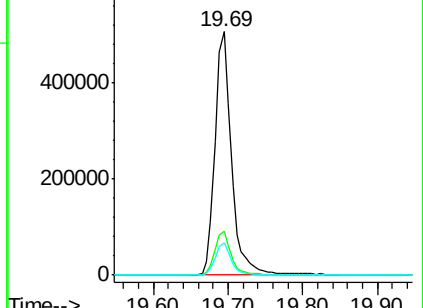
183 13.5 10.6 16.0

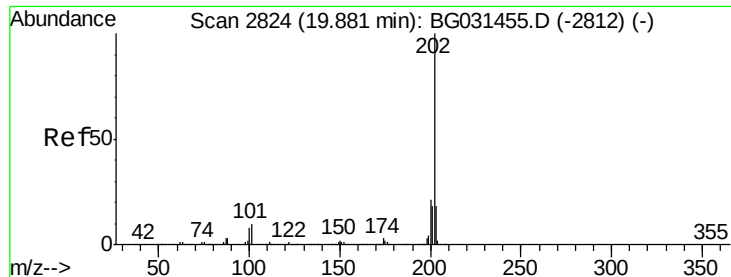


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 77.645 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

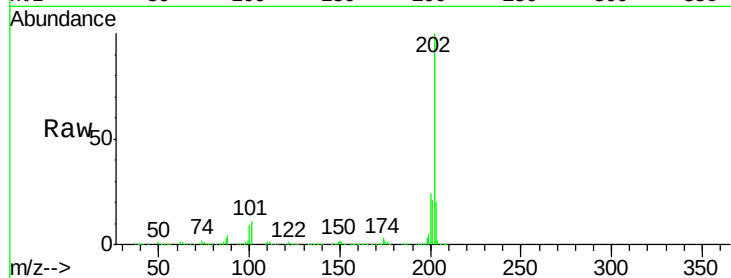
BNA\_G

ClientSampleId :

SSTDIC080

Tgt Ion:202 Resp: 1959660

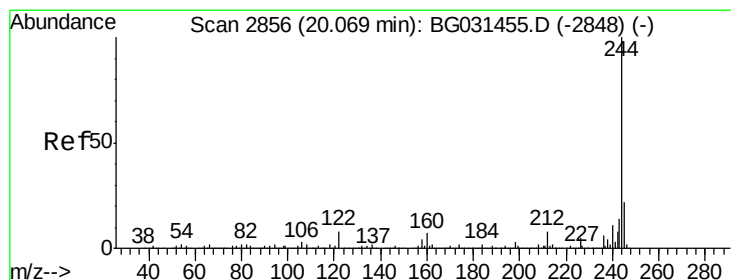
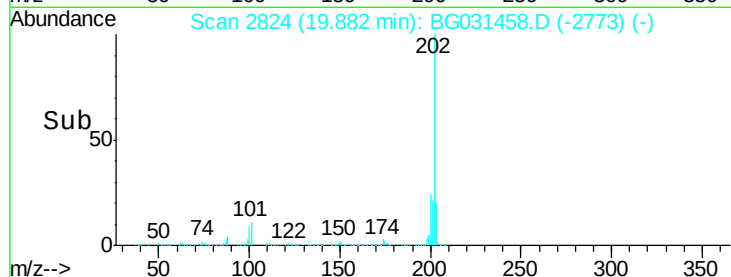
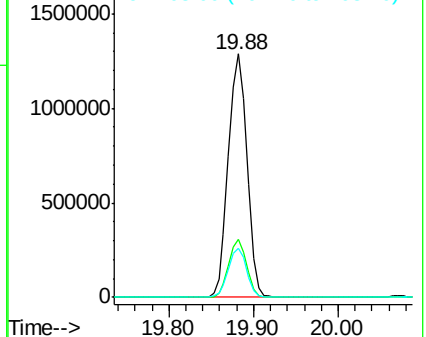
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.8  | 16.9  | 25.3  |
| 203 | 20.2  | 13.9  | 20.9  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 134.461 ng

RT: 20.07 min Scan# 2856

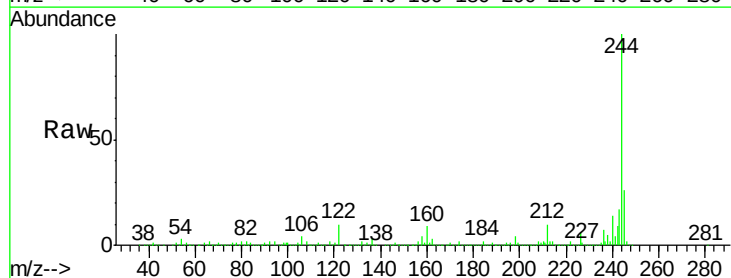
Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Tgt Ion:244 Resp: 2590009

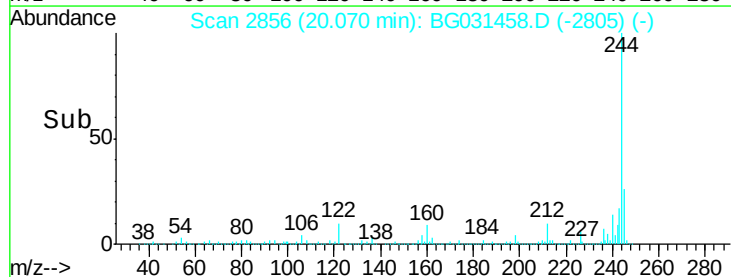
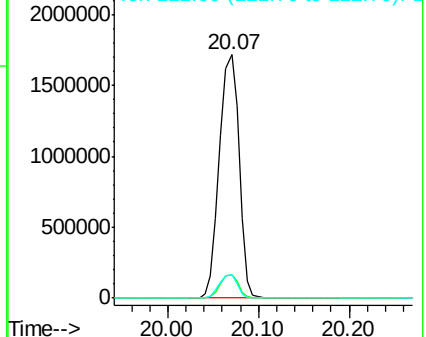
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.8   | 5.8   | 8.8#  |
| 122 | 9.8   | 7.0   | 10.4  |

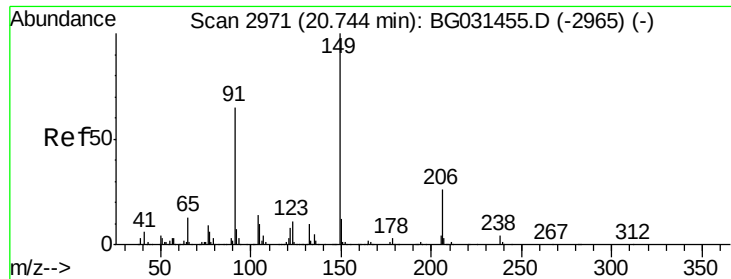


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

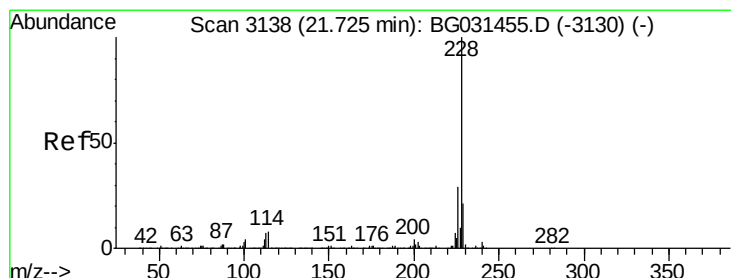
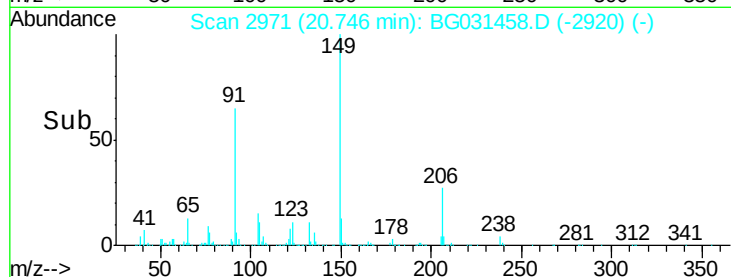
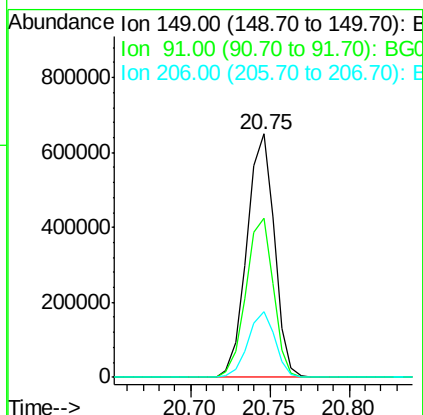
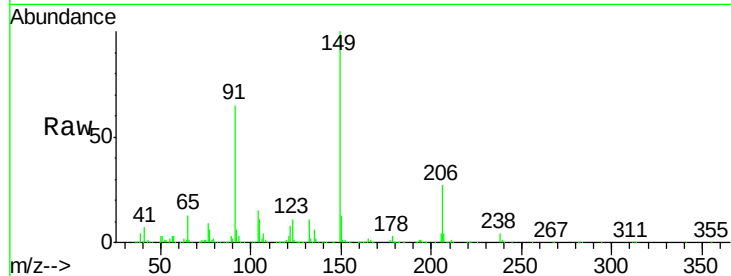




#79  
Butylbenzylphthalate  
Concen: 77.731 ng  
RT: 20.75 min Scan# 2971  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

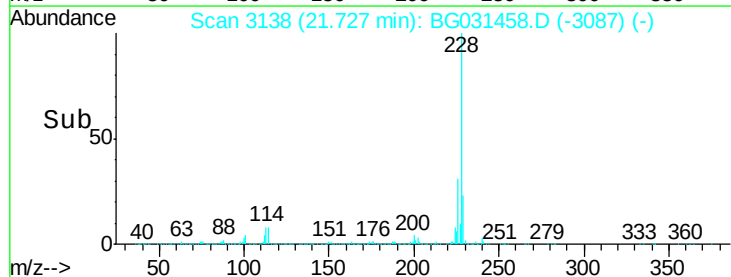
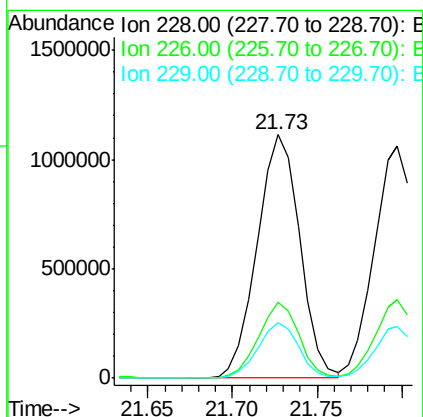
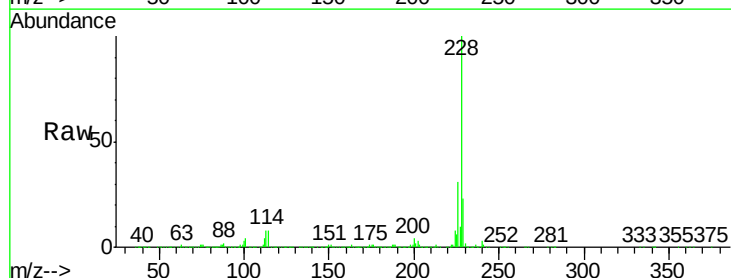
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

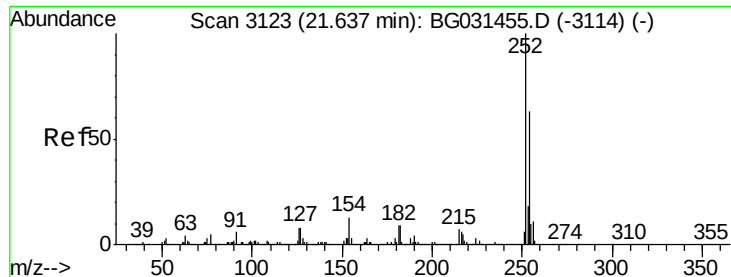
Tgt Ion:149 Resp: 782218  
Ion Ratio Lower Upper  
149 100  
91 65.1 62.2 93.2  
206 27.0 18.6 27.8



#80  
Benzo(a)anthracene  
Concen: 74.017 ng  
RT: 21.73 min Scan# 3138  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Tgt Ion:228 Resp: 1955497  
Ion Ratio Lower Upper  
228 100  
226 31.0 22.7 34.1  
229 22.9 16.2 24.2

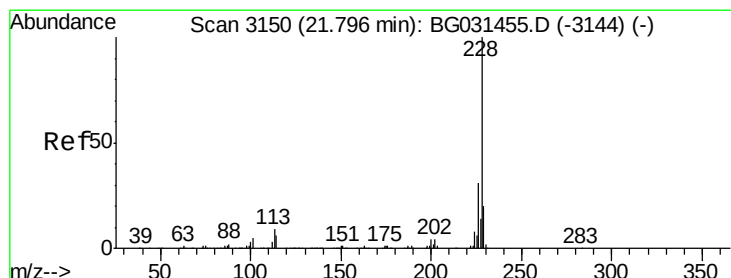
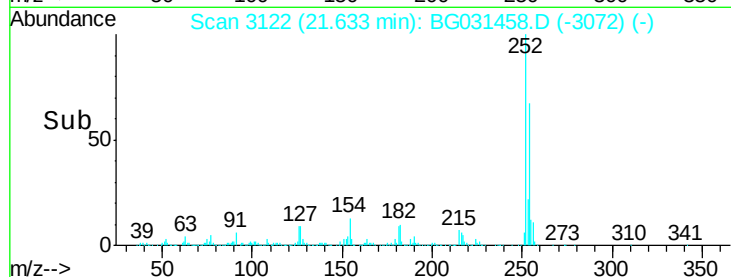
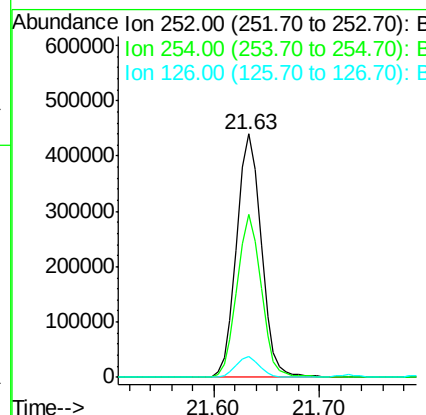
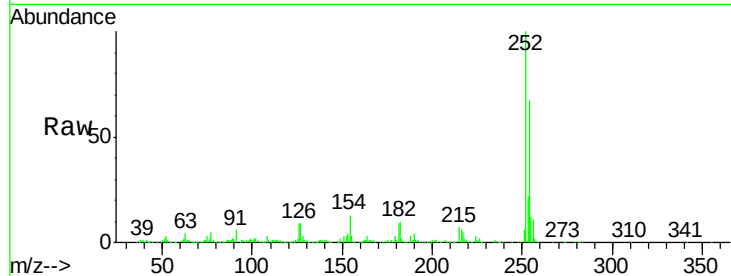




#81  
 3,3'-Dichlorobenzidine  
 Concen: 66.857 ng  
 RT: 21.63 min Scan# 3122  
 Delta R.T. -0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

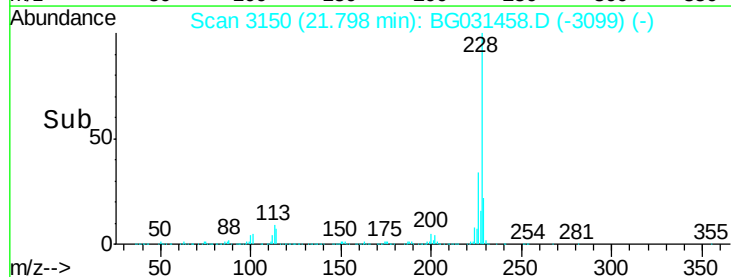
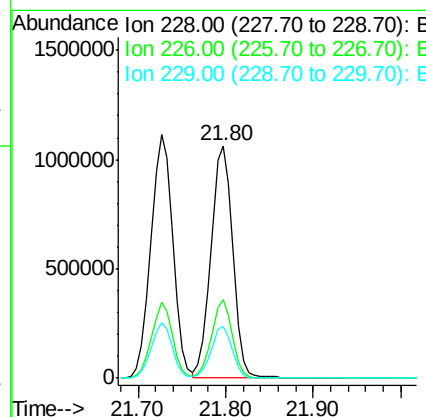
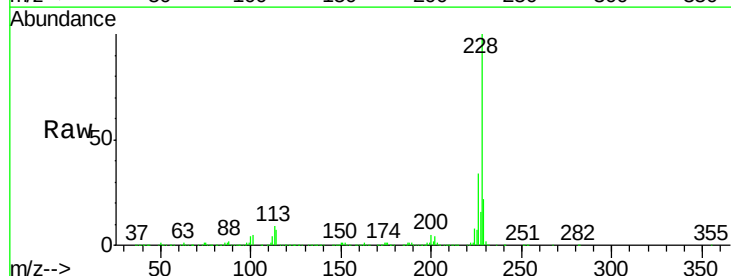
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

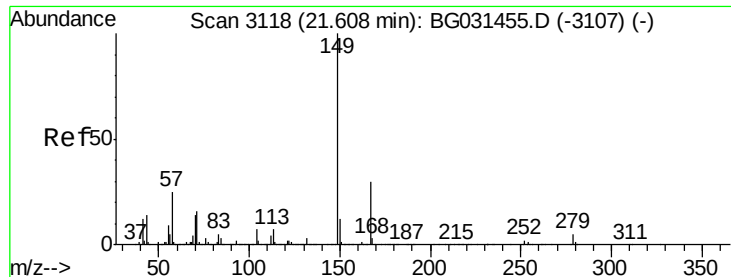
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.8  | 50.8  | 76.2  |
| 126     | 8.7   | 7.4   | 11.2  |



#82  
 Chrysene  
 Concen: 75.463 ng  
 RT: 21.80 min Scan# 3150  
 Delta R.T. 0.00 min  
 Lab File: BG031458.D  
 Acq: 11 Dec 2017 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 33.9  | 24.9  | 37.3  |
| 229     | 22.2  | 15.0  | 22.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 75.704 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

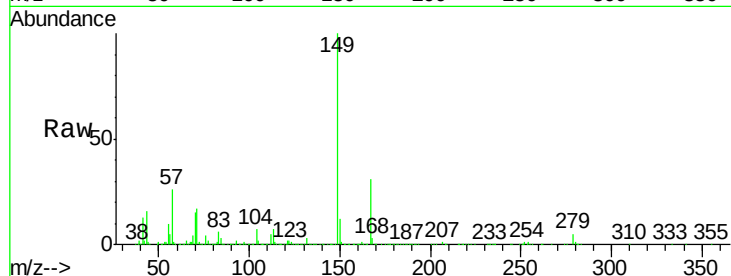
Tgt Ion:149 Resp: 1099677

Ion Ratio Lower Upper

149 100

167 30.8 24.3 36.5

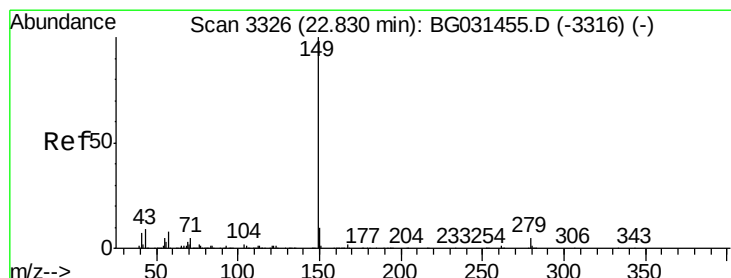
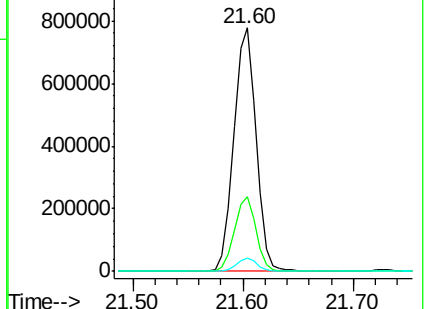
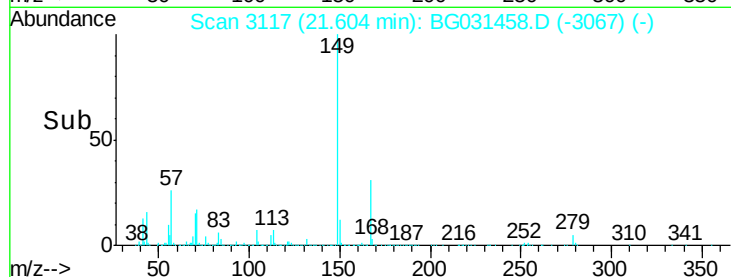
279 5.3 4.0 6.0



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



#84

Di-n-octyl phthalate

Concen: 78.902 ng

RT: 22.83 min Scan# 3325

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

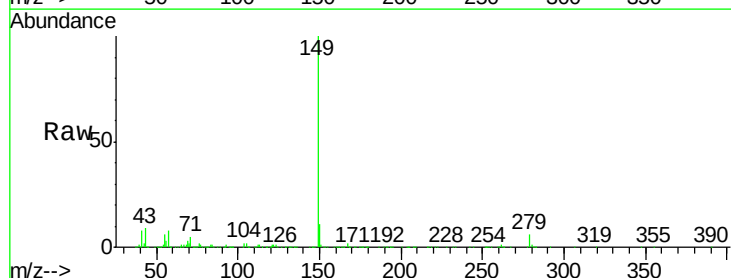
Tgt Ion:149 Resp: 1865457

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

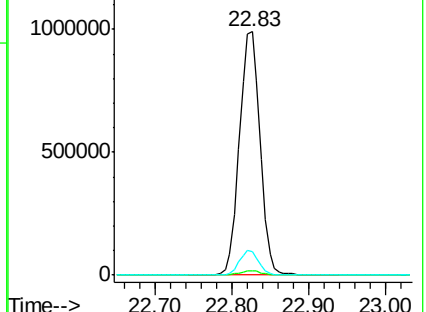
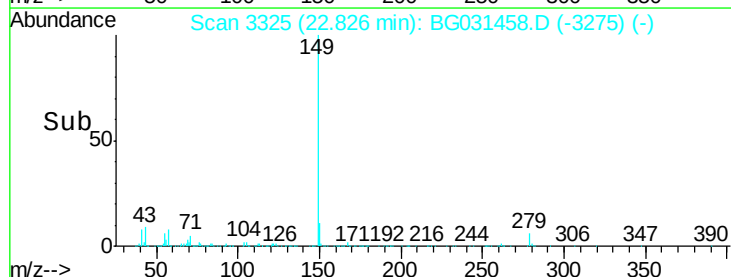
43 9.6 8.9 13.3

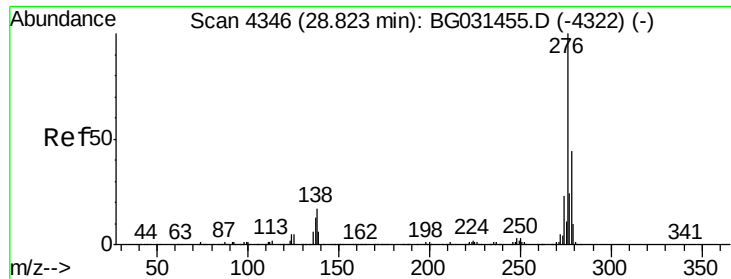


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 74.423 ng

RT: 28.82 min Scan# 4345

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

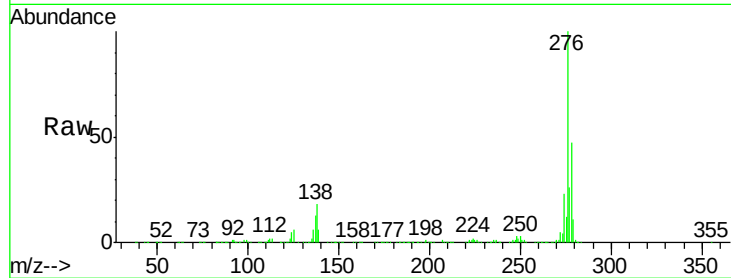
Tgt Ion:276 Resp: 2211141

Ion Ratio Lower Upper

276 100

138 11.4 16.0 24.0#

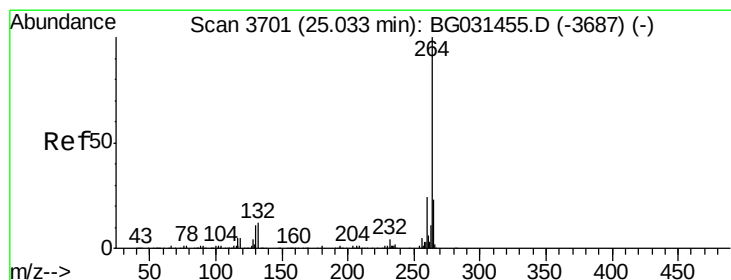
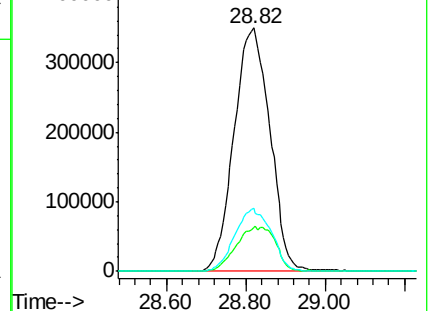
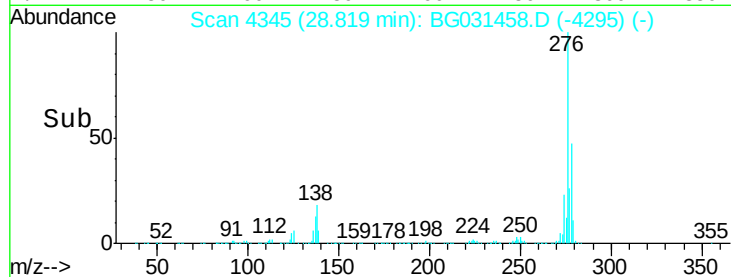
277 26.3 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

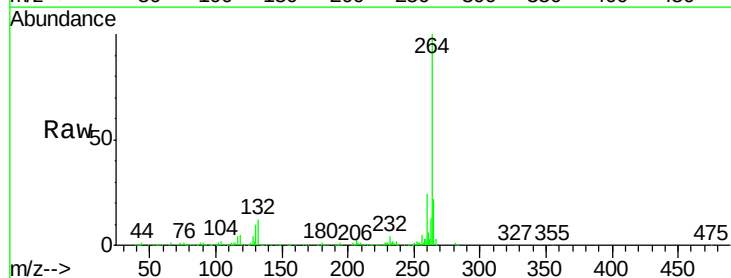
Tgt Ion:264 Resp: 419917

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

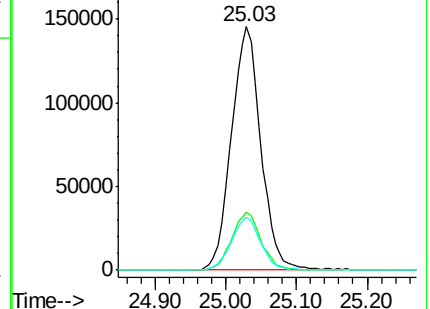
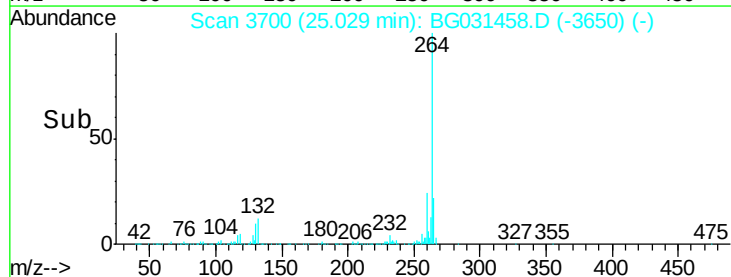
265 21.7 17.7 26.5

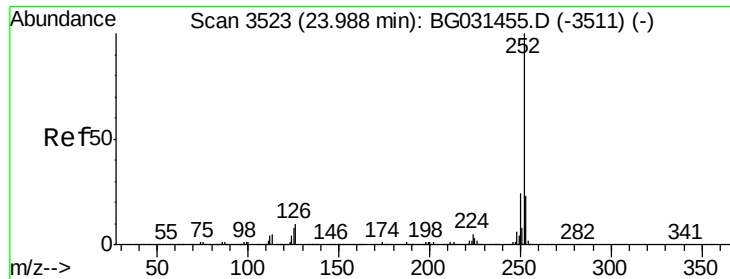


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

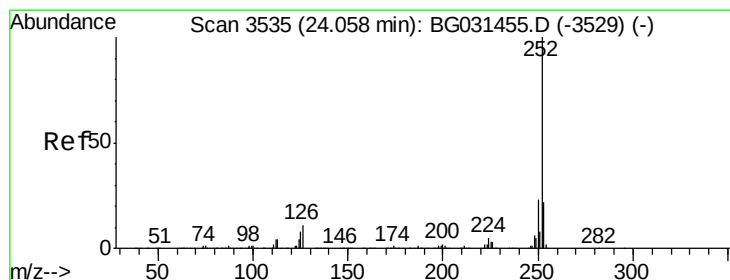
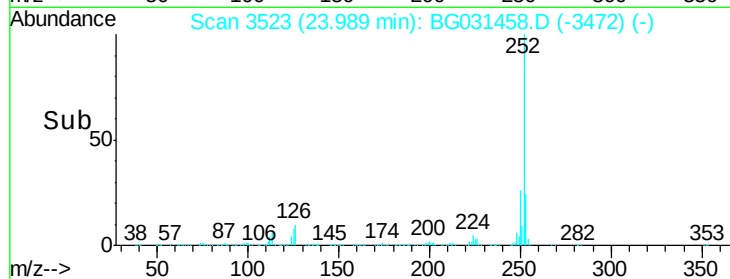
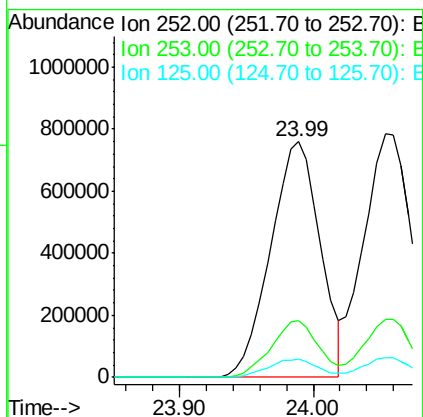
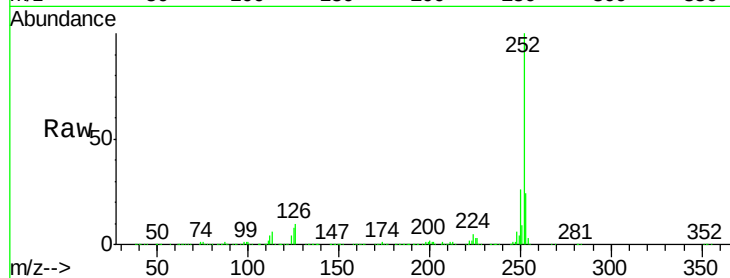




#87  
Benzo(b)fluoranthene  
Concen: 77.008 ng  
RT: 23.99 min Scan# 3523  
Delta R.T. 0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

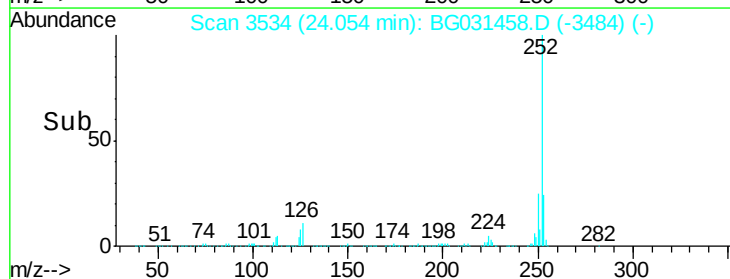
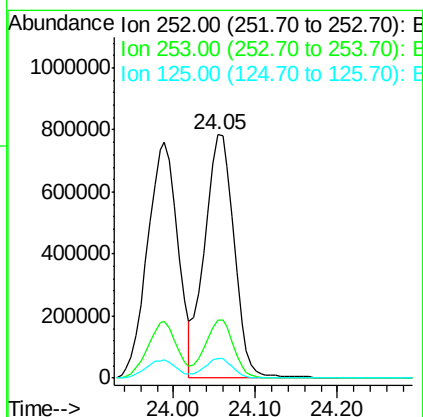
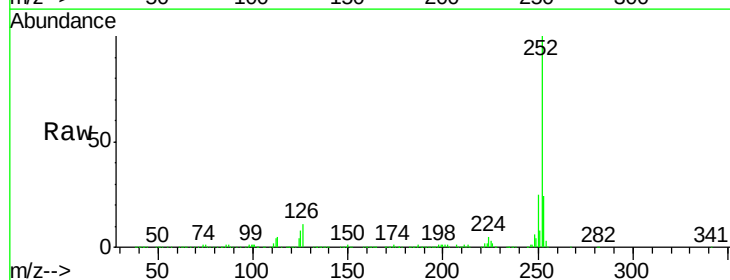
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion:252 Resp: 1956045  
Ion Ratio Lower Upper  
252 100  
253 24.0 18.2 27.4  
125 7.6 7.2 10.8

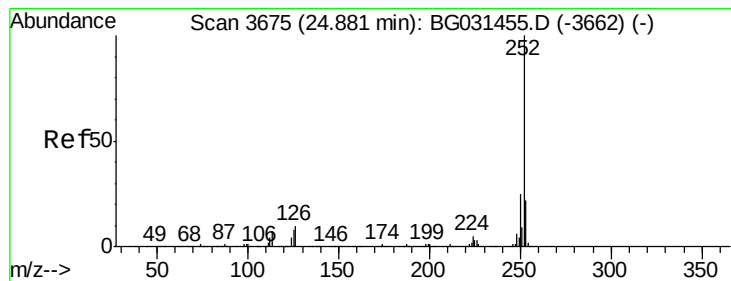


#88  
Benzo(k)fluoranthene  
Concen: 78.244 ng  
RT: 24.05 min Scan# 3534  
Delta R.T. -0.00 min  
Lab File: BG031458.D  
Acq: 11 Dec 2017 16:37

Tgt Ion:252 Resp: 1969961  
Ion Ratio Lower Upper  
252 100  
253 23.7 17.4 26.2  
125 8.1 6.6 9.8







#89

Benzo(a)pyrene

Concen: 78.418 ng

RT: 24.88 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

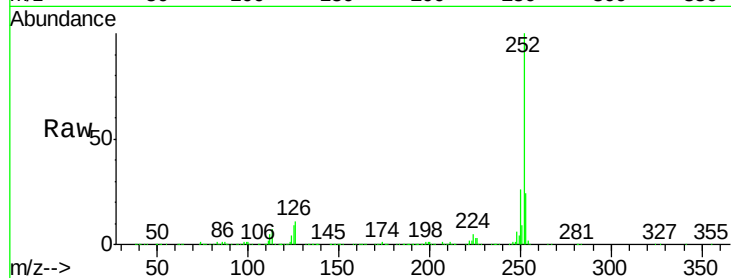
Tgt Ion:252 Resp: 1892243

Ion Ratio Lower Upper

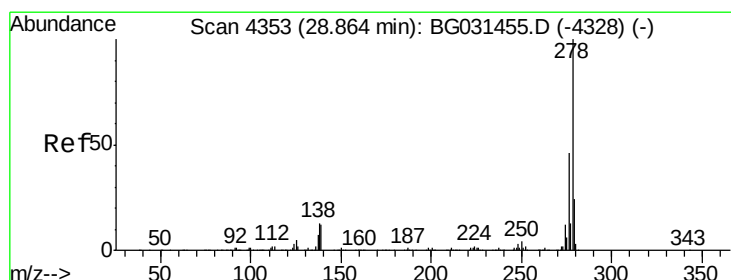
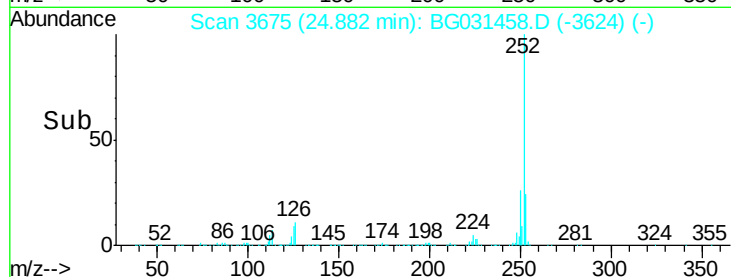
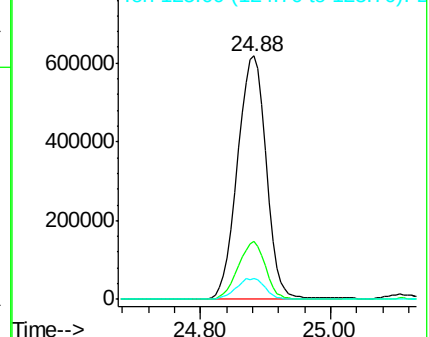
252 100

253 23.8 18.3 27.5

125 8.6 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 75.592 ng

RT: 28.86 min Scan# 4352

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

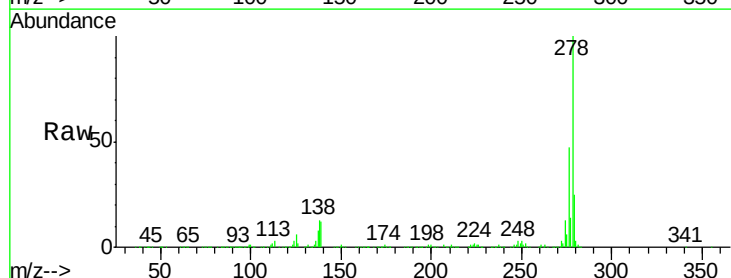
Tgt Ion:278 Resp: 1864389

Ion Ratio Lower Upper

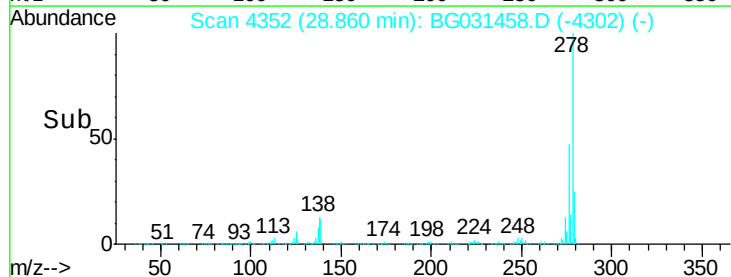
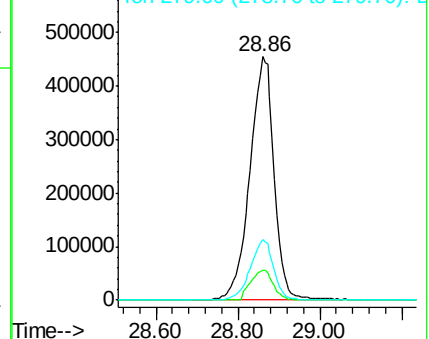
278 100

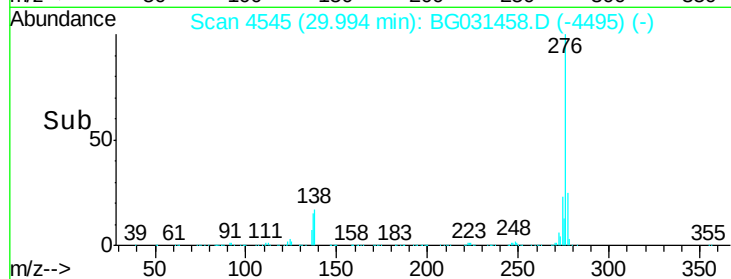
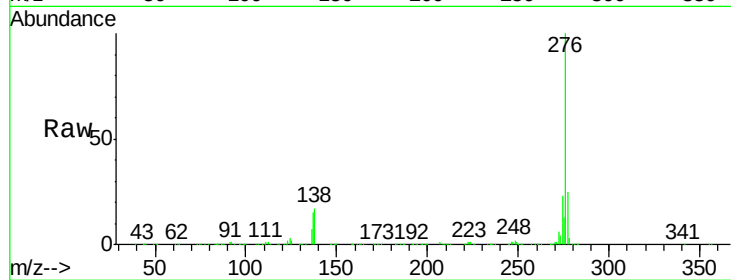
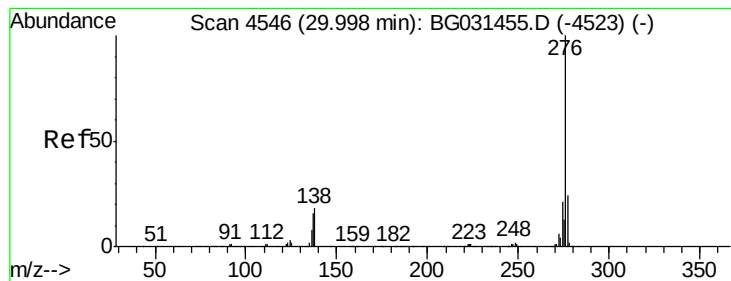
139 12.0 9.8 14.6

279 24.8 18.4 27.6



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: 76.280 ng

RT: 29.99 min Scan# 4545

Delta R.T. -0.00 min

Lab File: BG031458.D

Acq: 11 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tgt Ion:276 Resp: 1825995

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 16.7 13.9 20.9

