

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\  
 Data File : BG037879.D  
 Acq On : 8 Nov 2018 00:33  
 Operator : JU/SJ  
 Sample : PB114465BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114465BS

Quant Time: Nov 08 09:02:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 55202    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.91 | 136  | 237507   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.73 | 164  | 156821   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.47 | 188  | 361854   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.76 | 240  | 326625   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 25.08 | 264  | 332503   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.63  | 112 | 272708  | 82.59 | ng | -0.01 |
| 7) Phenol-d6             | 7.24  | 99  | 387589  | 77.63 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.27  | 82  | 336913  | 79.47 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.22 | 330 | 137191  | 80.21 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.35 | 172 | 802396  | 77.16 | ng | -0.02 |
| 79) Terphenyl-d14        | 20.07 | 244 | 1193628 | 78.09 | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 39265  | 23.449 | ng | 92     |
| 3) Pyridine                    | 3.93  | 79  | 111654 | 26.456 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 51931  | 34.546 | ng | 98     |
| 6) Aniline                     | 7.42  | 93  | 98431  | 16.160 | ng | 94     |
| 8) 2-Chlorophenol              | 7.65  | 128 | 143111 | 37.050 | ng | 98     |
| 9) Benzaldehyde                | 7.23  | 77  | 91957  | 29.443 | ng | 95     |
| 10) Phenol                     | 7.27  | 94  | 189682 | 36.007 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.51  | 93  | 128947 | 32.229 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.98  | 146 | 139828 | 32.517 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 8.13  | 146 | 142051 | 32.294 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.45  | 146 | 134710 | 31.837 | ng | 99     |
| 15) Benzyl Alcohol             | 8.33  | 79  | 122531 | 33.214 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61  | 45  | 235040 | 32.832 | ng | 96     |
| 17) 2-Methylphenol             | 8.53  | 107 | 128826 | 36.990 | ng | 98     |
| 18) Hexachloroethane           | 9.18  | 117 | 52039  | 34.702 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.90  | 70  | 103517 | 30.109 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.85  | 107 | 176656 | 35.478 | ng | 98     |
| 22) Acetophenone               | 8.93  | 105 | 204974 | 34.411 | ng | # 97   |
| 24) Nitrobenzene               | 9.31  | 77  | 157600 | 35.782 | ng | 94     |
| 25) Isophorone                 | 9.82  | 82  | 297781 | 38.440 | ng | 96     |
| 26) 2-Nitrophenol              | 10.02 | 139 | 78612  | 39.619 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 10.06 | 122 | 143976 | 40.640 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93  | 187897 | 37.020 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.55 | 162 | 154555 | 39.183 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.77 | 180 | 150663 | 35.124 | ng | 100    |
| 31) Naphthalene                | 10.96 | 128 | 444626 | 38.114 | ng | 99     |
| 32) Benzoic acid               | 10.19 | 122 | 76294  | 33.156 | ng | 94     |
| 33) 4-Chloroaniline            | 11.08 | 127 | 72239  | 13.179 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.23 | 225 | 90330  | 35.531 | ng | 98     |
| 35) Caprolactam                | 11.86 | 113 | 53016  | 33.512 | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 167969 | 37.759 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.56 | 142 | 339914 | 39.972 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.78 | 142 | 325691 | 39.437 | ng | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.92 | 216 | 177348 | 35.061 | ng | 99     |

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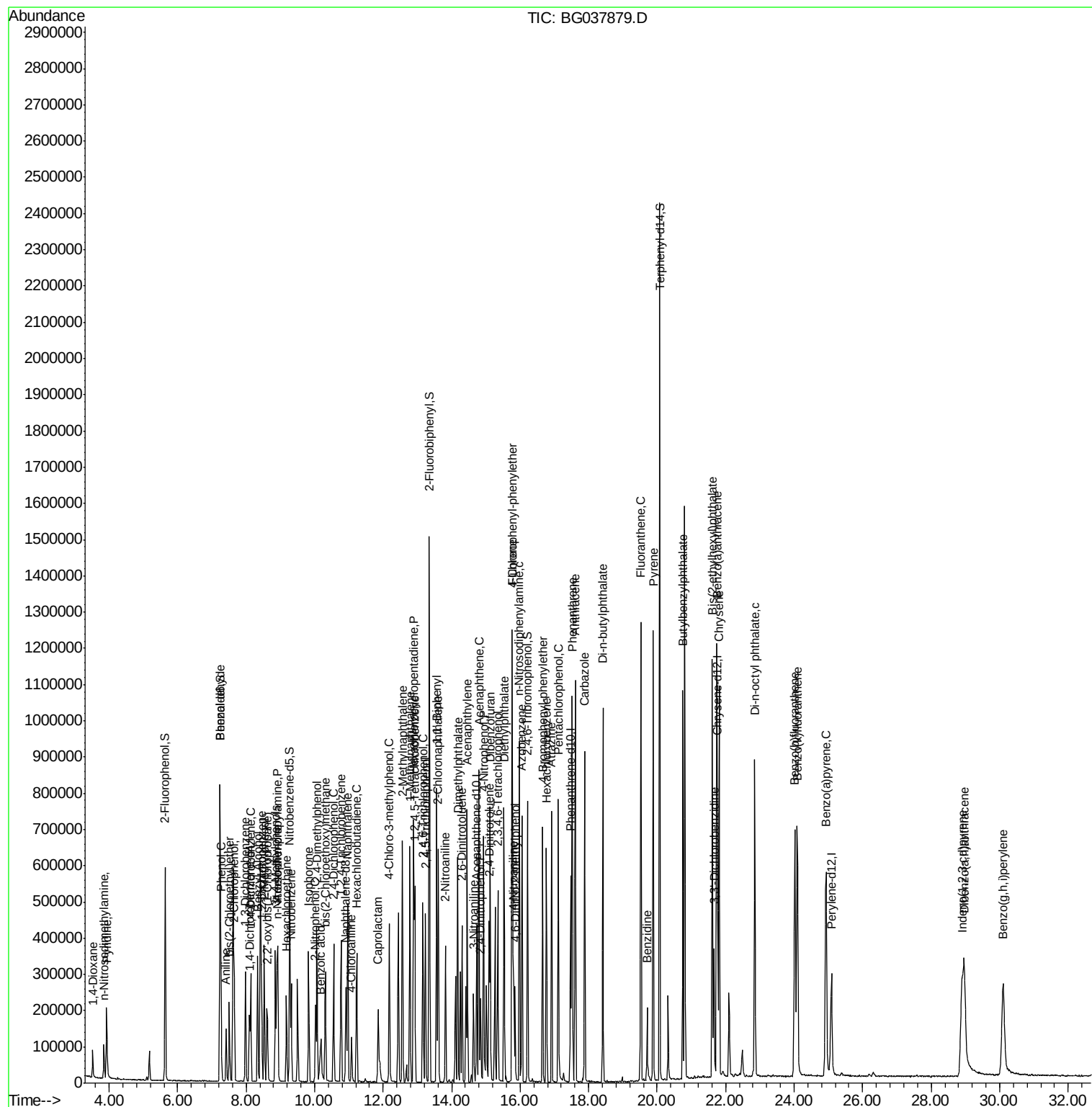
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.89 | 237  | 214901   | 88.941 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.16 | 196  | 129268   | 38.252 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.23 | 196  | 140103   | 38.078 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.56 | 154  | 439337   | 33.828 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.61 | 162  | 353382   | 35.965 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.82 | 65   | 113378   | 38.051 | ng    | 92       |
| 49) Acenaphthylene             | 14.45 | 152  | 580116   | 39.249 | ng    | 100      |
| 50) Dimethylphthalate          | 14.18 | 163  | 449452   | 37.047 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.31 | 165  | 101293   | 37.742 | ng    | 93       |
| 52) Acenaphthene               | 14.79 | 154  | 340235   | 37.377 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.64 | 138  | 71001    | 23.830 | ng    | # 96     |
| 54) 2,4-Dinitrophenol          | 14.84 | 184  | 64139    | 62.864 | ng    | 99       |
| 55) Dibenzofuran               | 15.12 | 168  | 548239   | 36.351 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.94 | 139  | 208643   | 94.607 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 144261   | 40.949 | ng    | 94       |
| 58) Fluorene                   | 15.78 | 166  | 439756   | 38.937 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.35 | 232  | 123131   | 39.086 | ng    | 98       |
| 60) Diethylphthalate           | 15.53 | 149  | 456977   | 36.689 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.76 | 204  | 231042   | 35.098 | ng    | 96       |
| 62) 4-Nitroaniline             | 15.81 | 138  | 104927   | 35.442 | ng    | 86       |
| 63) Azobenzene                 | 16.05 | 77   | 430448   | 36.221 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198  | 66085    | 37.142 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 397502   | 36.520 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.66 | 248  | 145089   | 36.512 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 146730   | 35.628 | ng    | 97       |
| 69) Atrazine                   | 16.92 | 200  | 148087   | 37.630 | ng    | 99       |
| 70) Pentachlorophenol          | 17.12 | 266  | 159150   | 57.691 | ng    | 95       |
| 71) Phenanthrene               | 17.52 | 178  | 721625   | 39.239 | ng    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 731521   | 40.533 | ng    | 99       |
| 73) Carbazole                  | 17.88 | 167  | 650007   | 36.005 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 780861   | 38.883 | ng    | 100      |
| 75) Fluoranthene               | 19.52 | 202  | 828672   | 39.729 | ng    | 99       |
| 77) Benzidine                  | 19.71 | 184  | 137724   | 12.401 | ng    | 99       |
| 78) Pyrene                     | 19.88 | 202  | 827015   | 38.733 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 350046   | 40.058 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 765524   | 39.624 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 151750   | 20.265 | ng    | 99       |
| 83) Chrysene                   | 21.81 | 228  | 716840   | 38.587 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 495151   | 40.424 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 836790   | 41.894 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.90 | 276  | 711406   | 35.704 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 726647   | 39.862 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 733218   | 41.055 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.93 | 252  | 698945   | 40.351 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.96 | 278  | 570216   | 35.687 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.11 | 276  | 575250   | 35.586 | ng    | 98       |

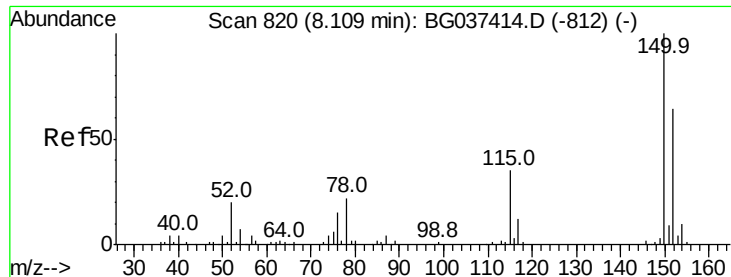
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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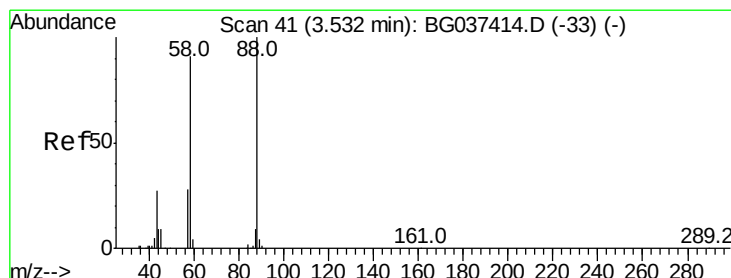
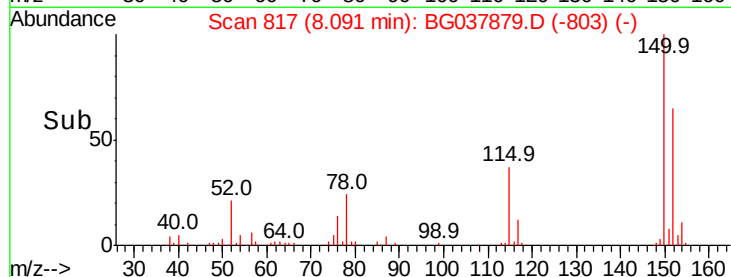
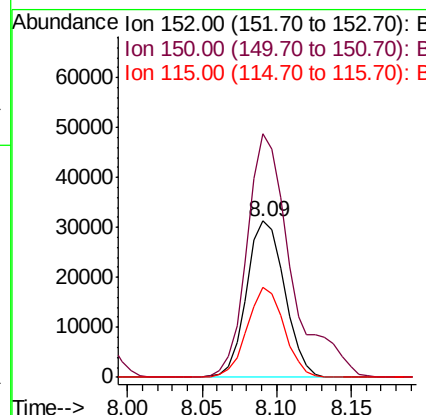
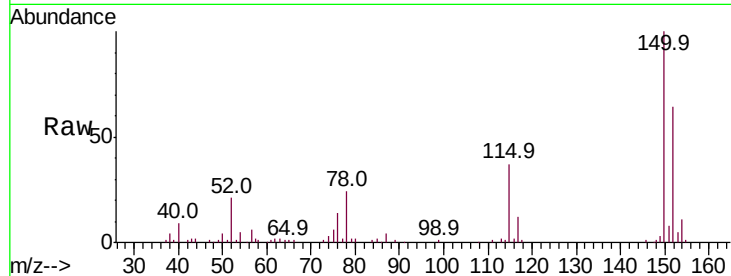




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.09 min Scan# 817  
 Delta R.T. -0.02 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

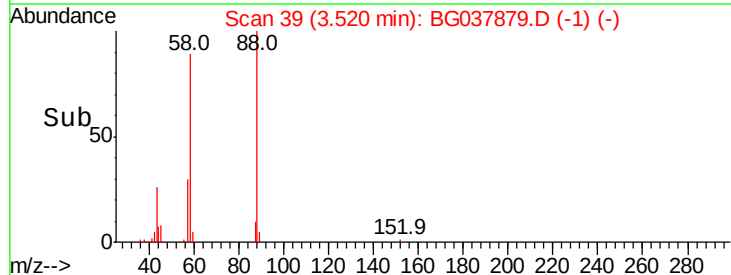
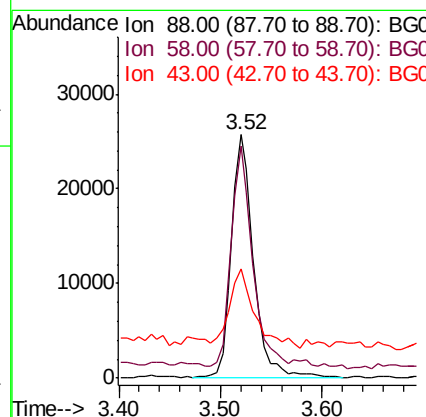
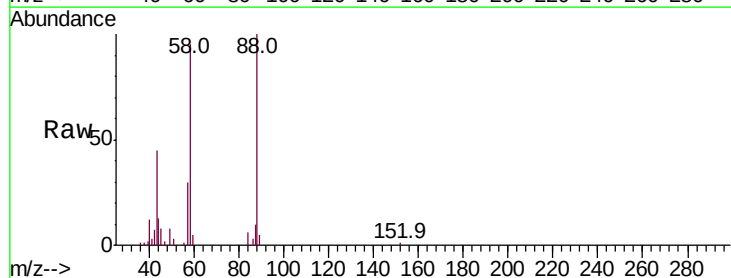
Instrument :  
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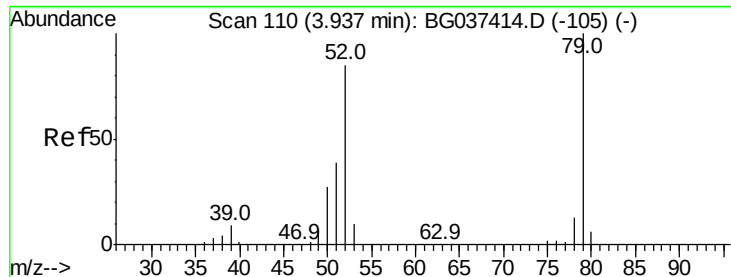
Tot Ion:152 Resp: 55202  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 126.0 189.0  
 115 58.0 45.5 68.3



#2  
 1,4-Dioxane  
 Concen: 23.449 ng  
 RT: 3.52 min Scan# 39  
 Delta R.T. -0.01 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

Tgt Ion: 88 Resp: 39265  
 Ion Ratio Lower Upper  
 88 100  
 58 85.3 74.4 111.6  
 43 36.5 25.8 38.8





#3

Pvridine

Concen: 26.456 ng

RT: 3.93 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

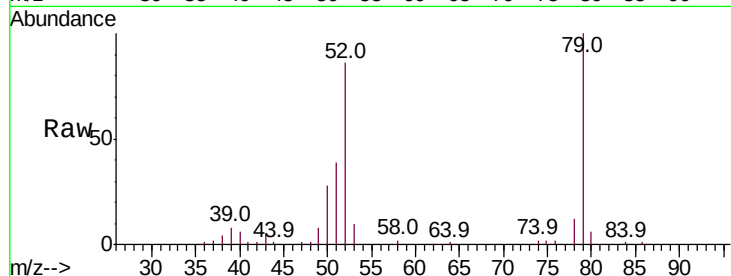
Tot Ion: 79 Resp: 111654

Ion Ratio Lower Upper

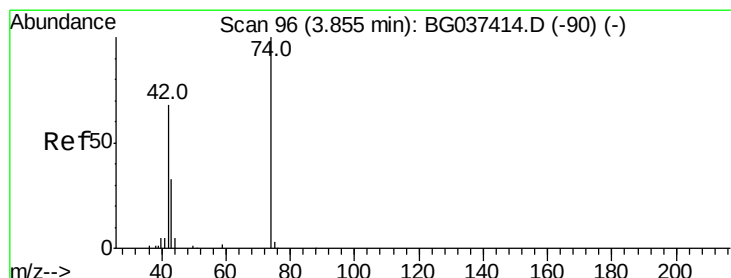
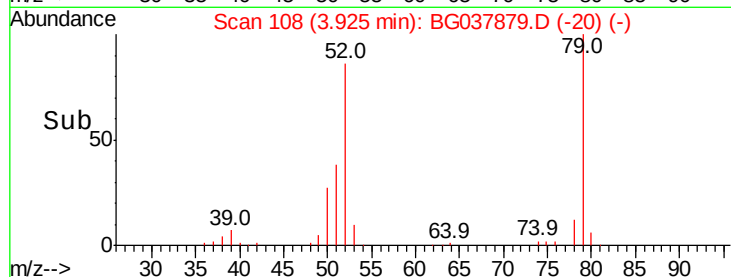
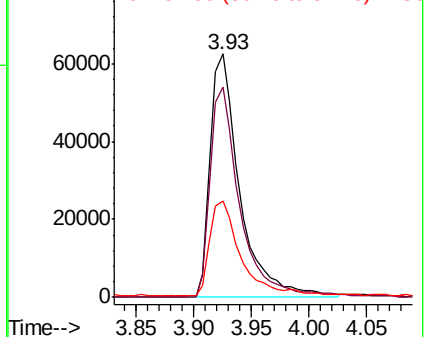
79 100

52 86.2 74.2 111.2

51 39.4 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.546 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

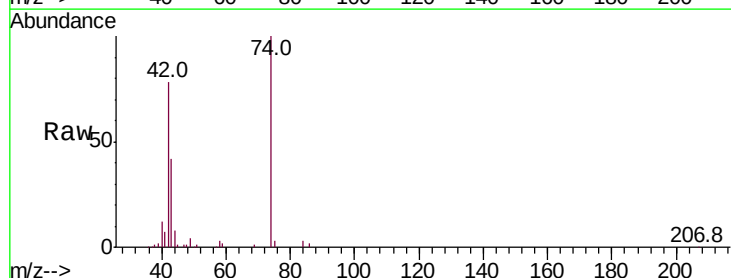
Tgt Ion: 42 Resp: 51931

Ion Ratio Lower Upper

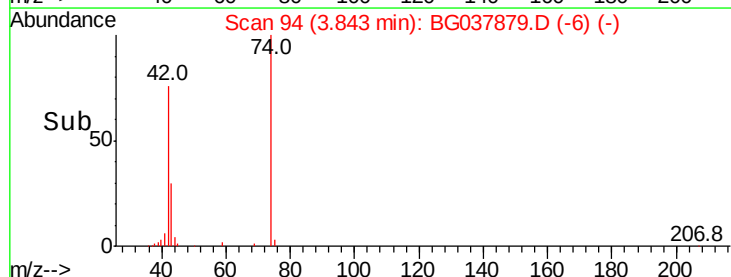
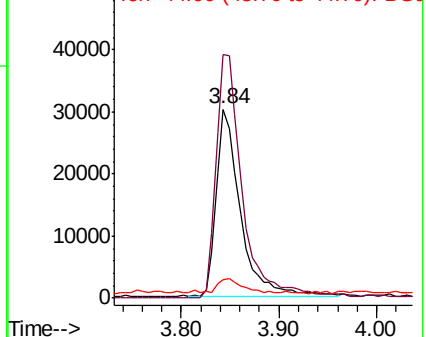
42 100

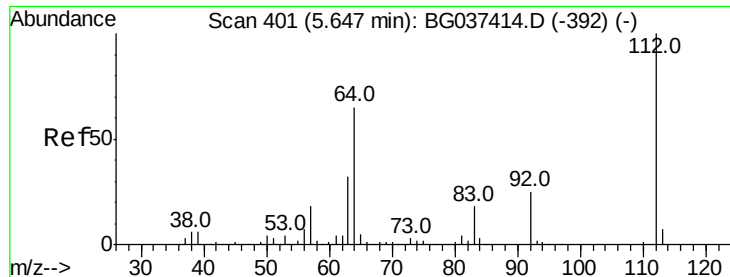
74 129.0 102.0 153.0

44 9.9 9.6 14.4



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.593 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

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Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

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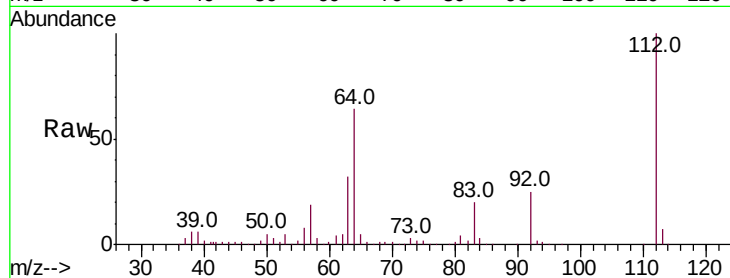
Tot Ion:112 Resp: 272708

Ion Ratio Lower Upper

112 100

64 64.5 53.1 79.7

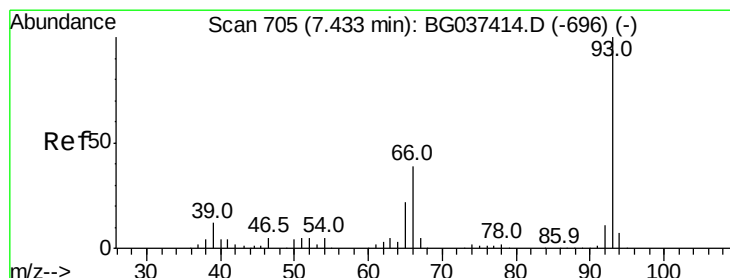
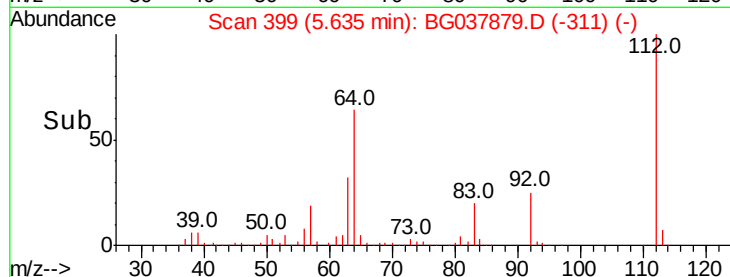
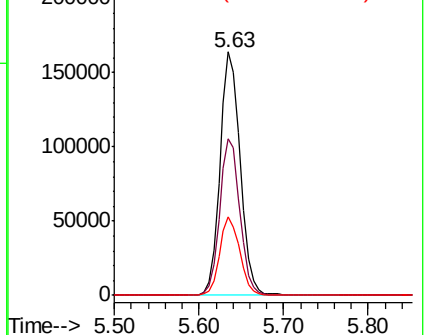
63 32.3 27.3 40.9



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: 16.160 ng

RT: 7.42 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

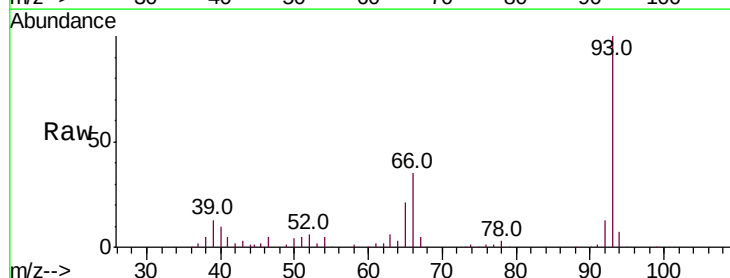
Tgt Ion: 93 Resp: 98431

Ion Ratio Lower Upper

93 100

66 35.0 32.8 49.2

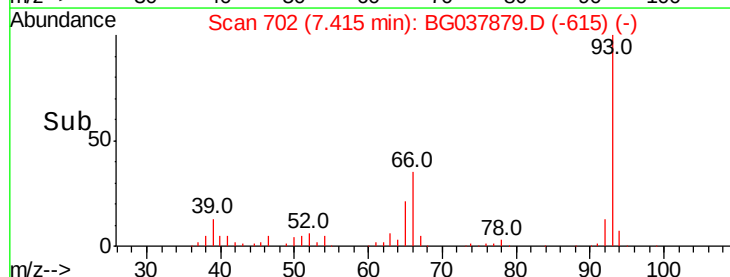
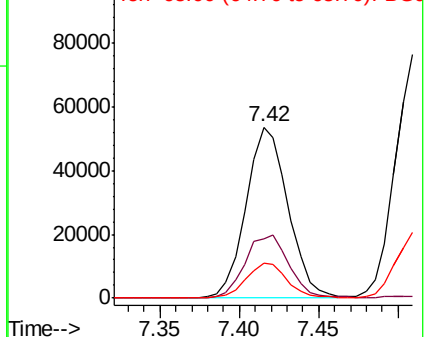
65 20.6 16.4 24.6

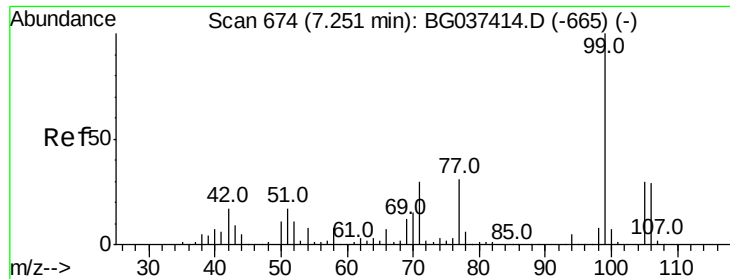


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.630 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

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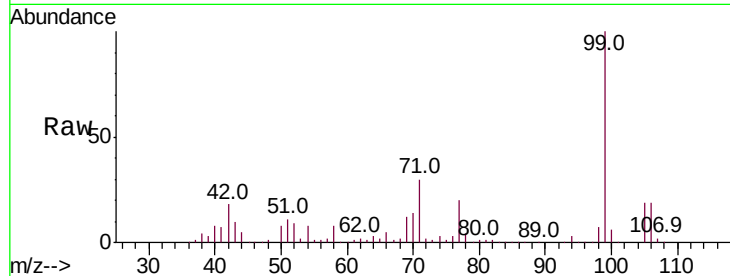
Tot Ion: 99 Resp: 387589

Ion Ratio Lower Upper

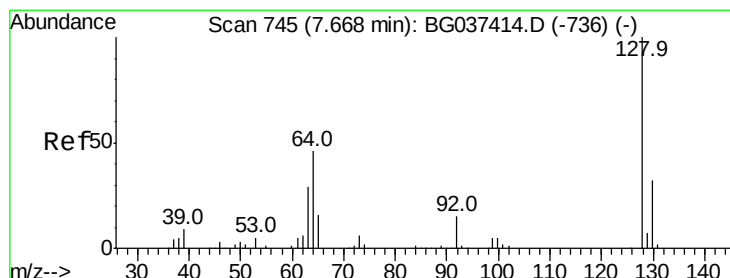
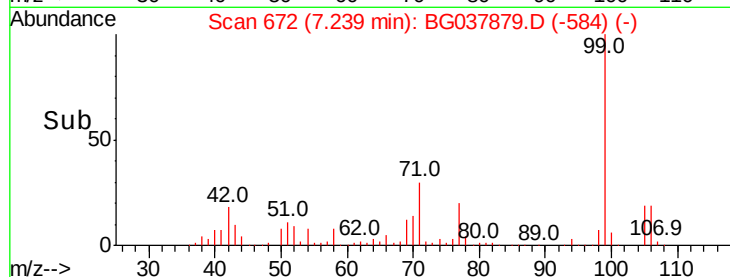
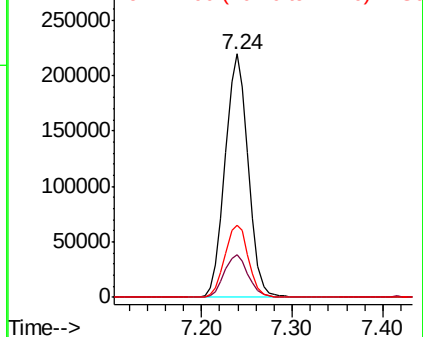
99 100

42 17.7 15.0 22.4

71 29.7 25.5 38.3



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



#8

2-Chlorophenol

Concen: 37.050 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

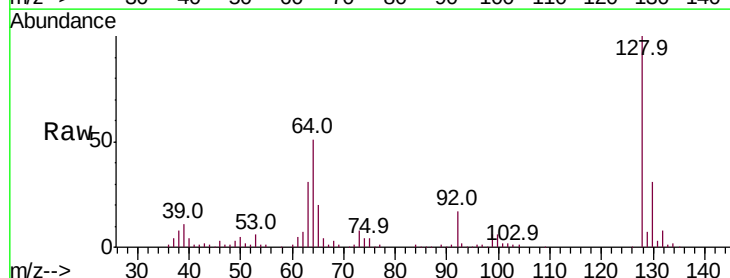
Tgt Ion: 128 Resp: 143111

Ion Ratio Lower Upper

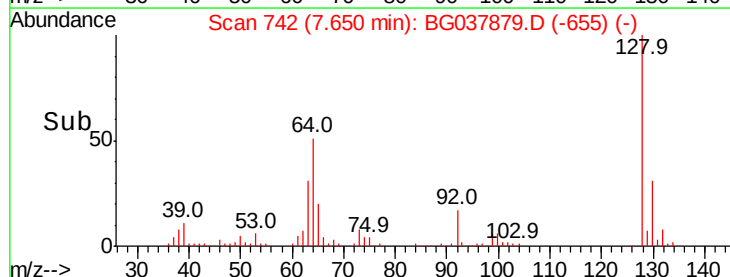
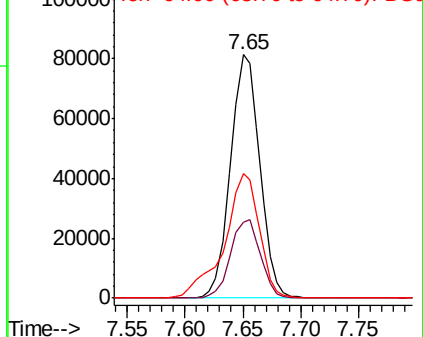
128 100

130 31.0 12.0 52.0

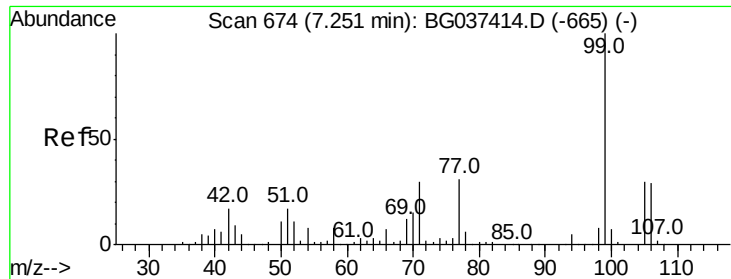
64 51.2 32.9 72.9



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







#9

Benzaldehyde

Concen: 29.443 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

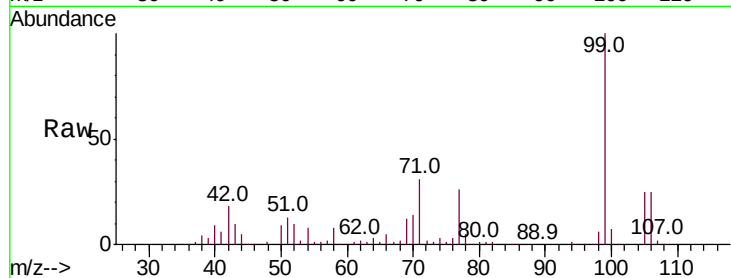
Tot Ion: 77 Resp: 91957

Ion Ratio Lower Upper

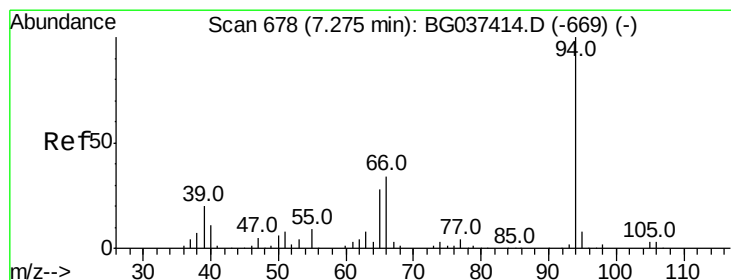
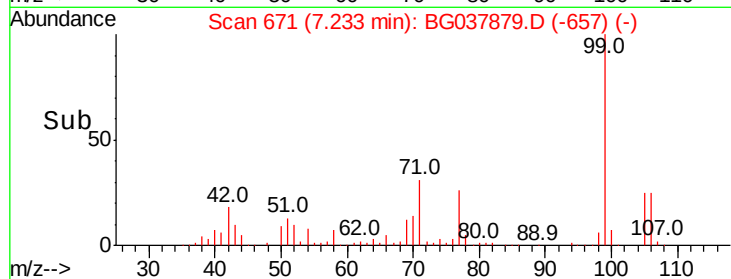
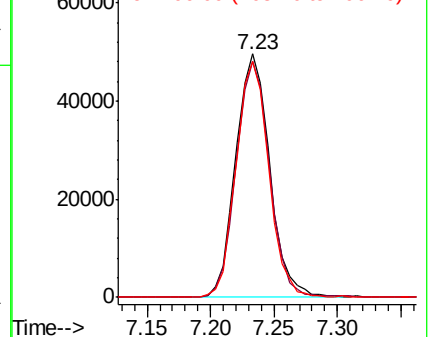
77 100

105 97.0 72.6 112.6

106 96.8 71.3 111.3



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: 36.007 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

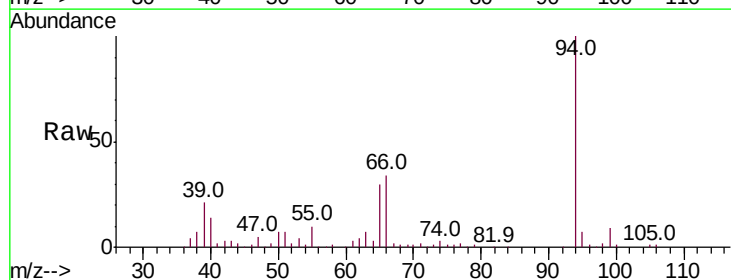
Tgt Ion: 94 Resp: 189682

Ion Ratio Lower Upper

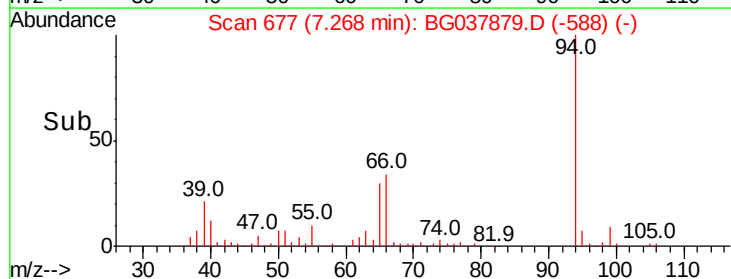
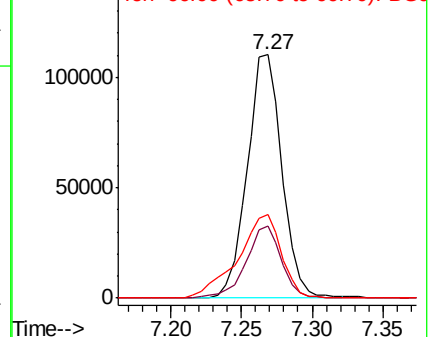
94 100

65 29.7 9.7 49.7

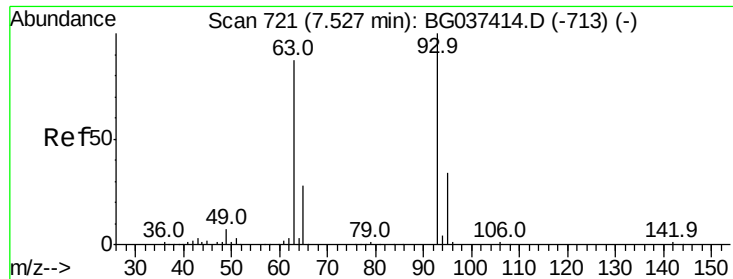
66 34.5 15.9 55.9



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: 32.229 ng

RT: 7.51 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

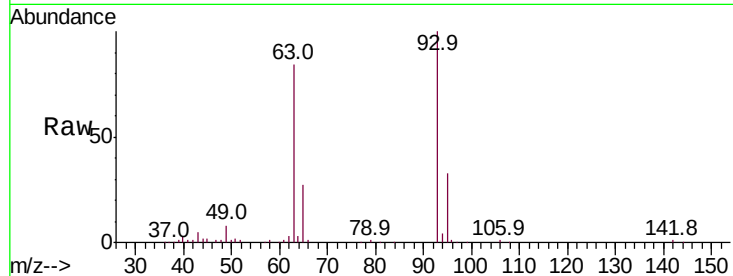
Tot Ion: 93 Resp: 128947

Ion Ratio Lower Upper

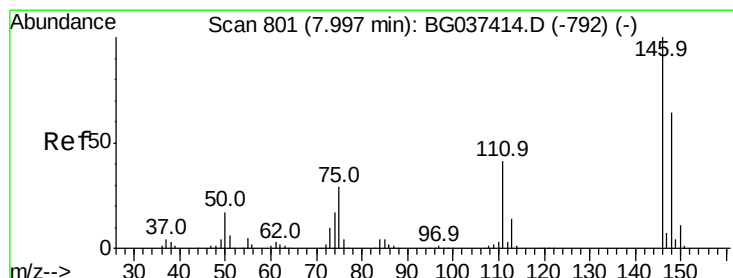
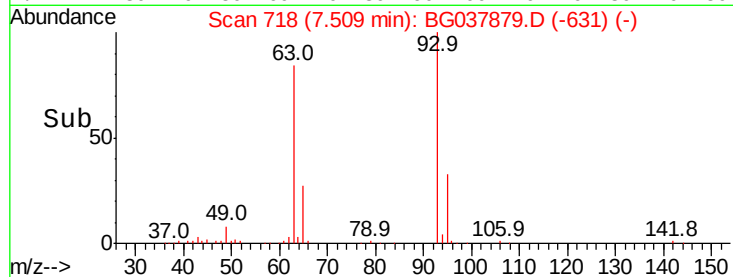
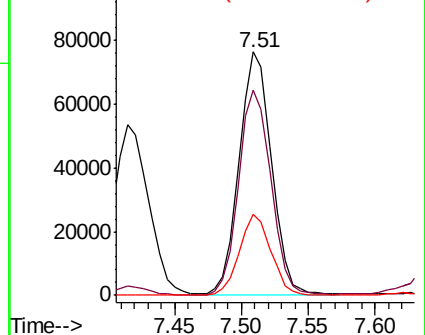
93 100

63 84.3 69.5 109.5

95 33.3 12.6 52.6



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



#12

1,3-Dichlorobenzene

Concen: 32.517 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

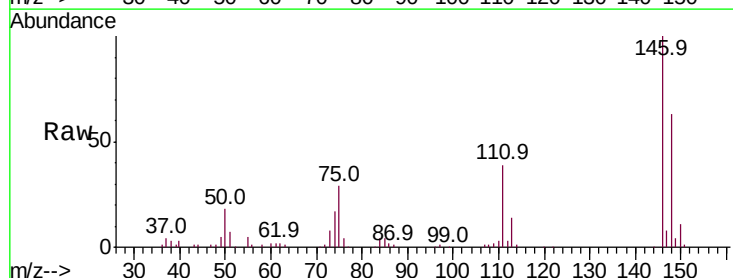
Tgt Ion: 146 Resp: 139828

Ion Ratio Lower Upper

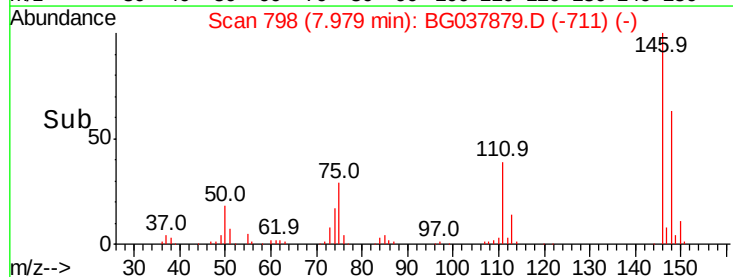
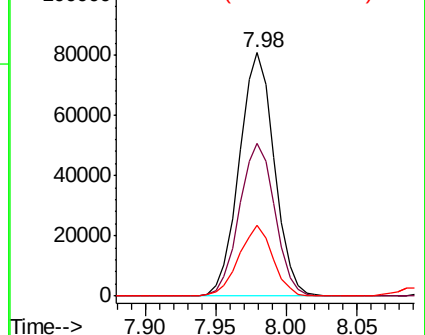
146 100

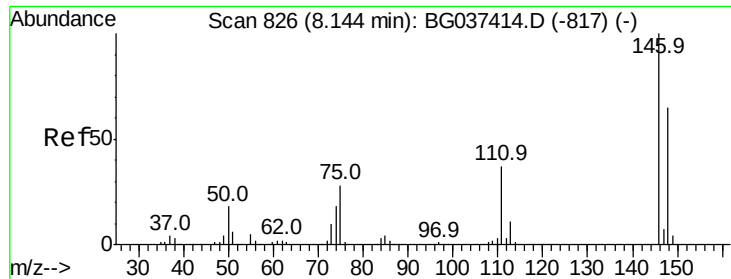
148 62.6 49.8 74.8

75 28.9 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BGC

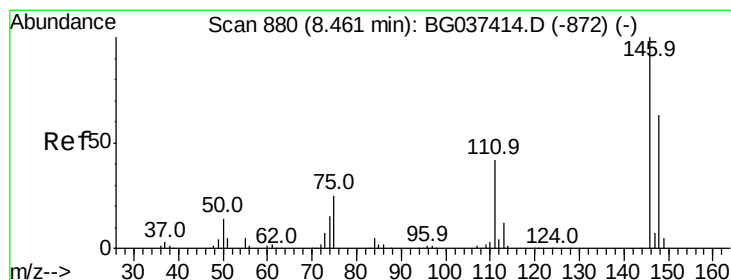
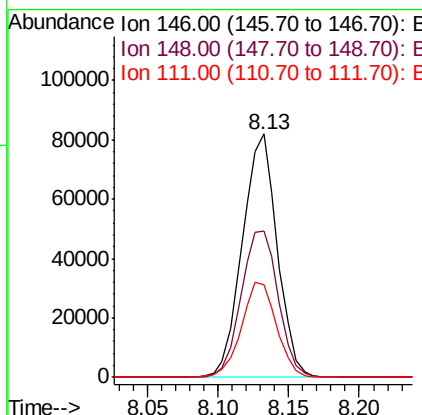
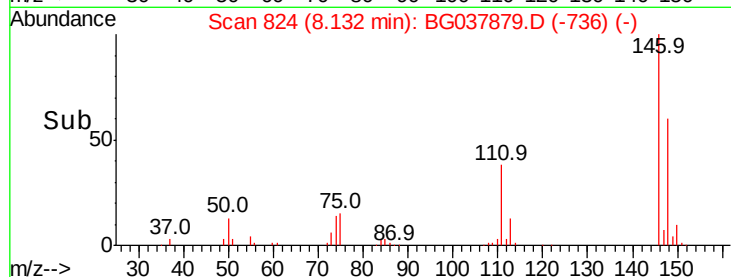
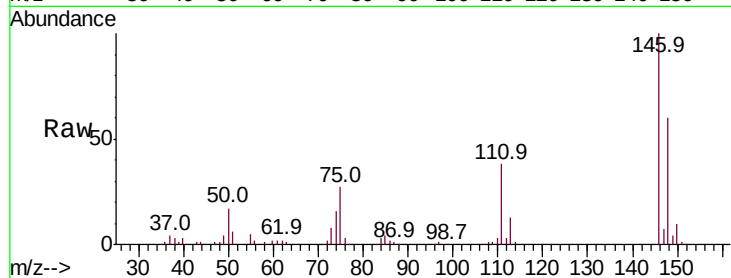




#13  
 1,4-Dichlorobenzene  
 Concen: 32.294 ng  
 RT: 8.13 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

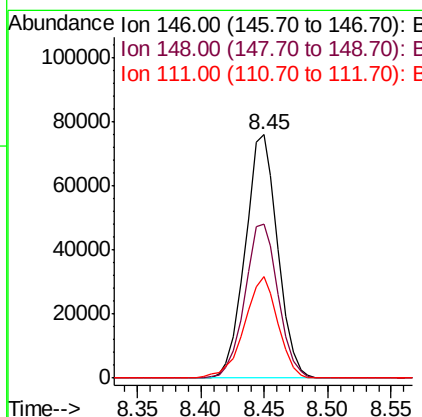
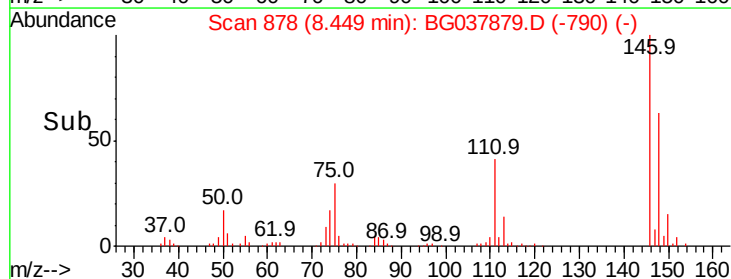
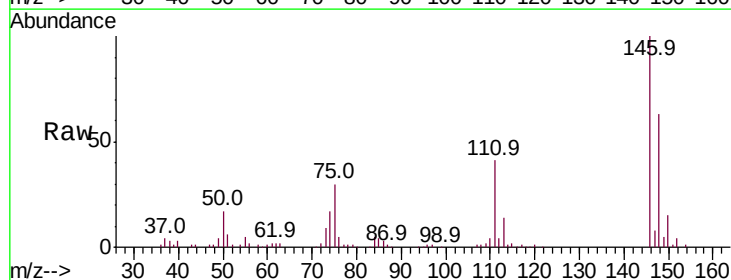
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114465BS

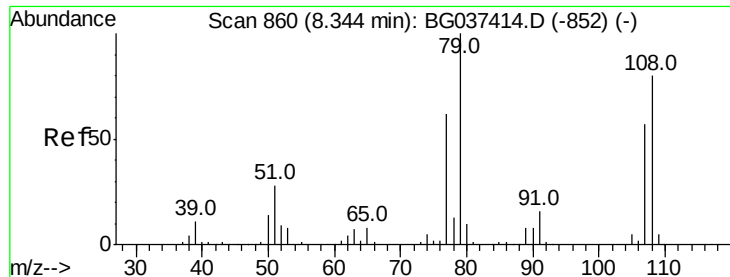
Tot Ion:146 Resp: 142051  
 Ion Ratio Lower Upper  
 146 100  
 148 60.0 51.0 76.6  
 111 38.1 32.4 48.6



#14  
 1,2-Dichlorobenzene  
 Concen: 31.837 ng  
 RT: 8.45 min Scan# 878  
 Delta R.T. -0.01 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

Tgt Ion:146 Resp: 134710  
 Ion Ratio Lower Upper  
 146 100  
 148 63.1 50.4 75.6  
 111 41.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 33.214 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

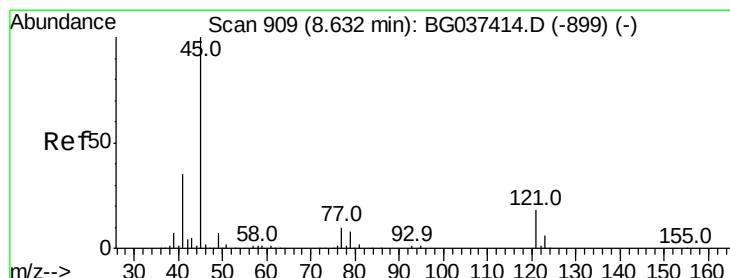
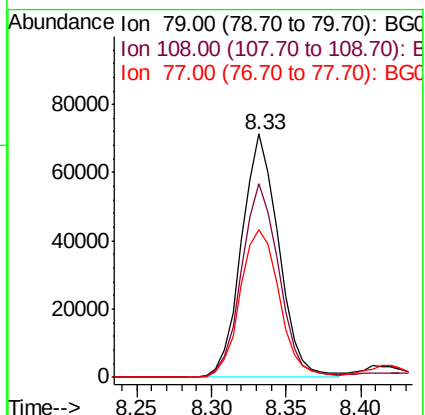
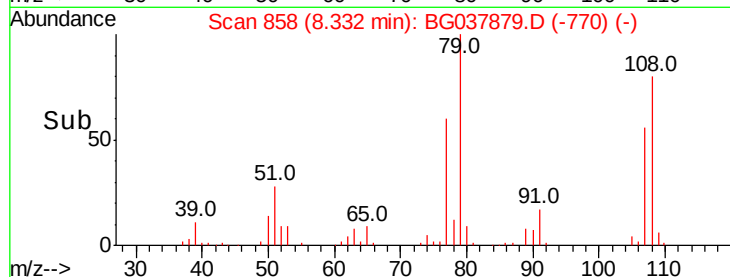
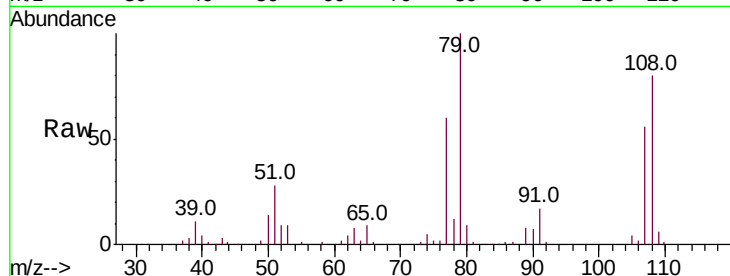
Tot Ion: 79 Resp: 122531

Ion Ratio Lower Upper

79 100

108 79.8 65.8 98.8

77 60.4 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.832 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

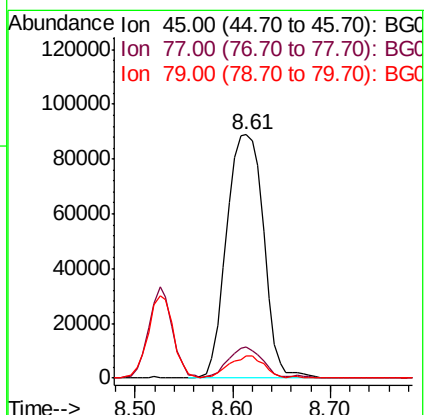
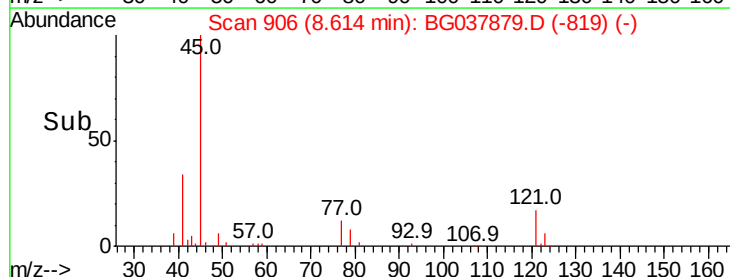
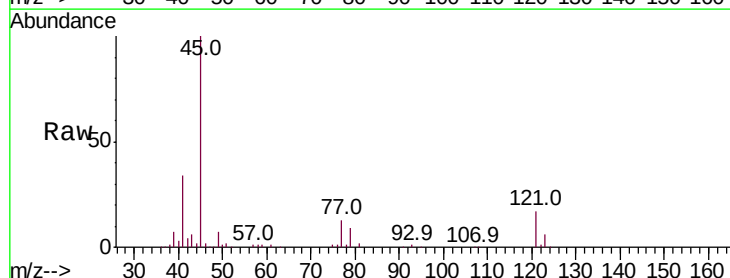
Tgt Ion: 45 Resp: 235040

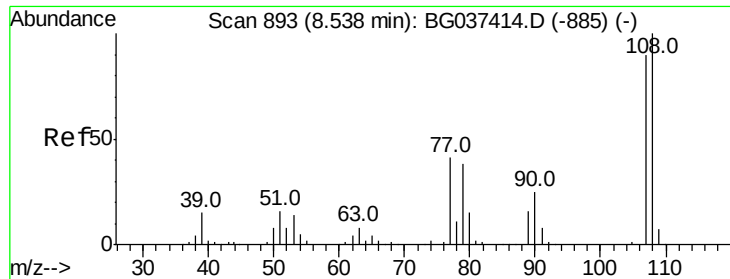
Ion Ratio Lower Upper

45 100

77 13.0 0.0 30.0

79 9.2 0.0 29.0

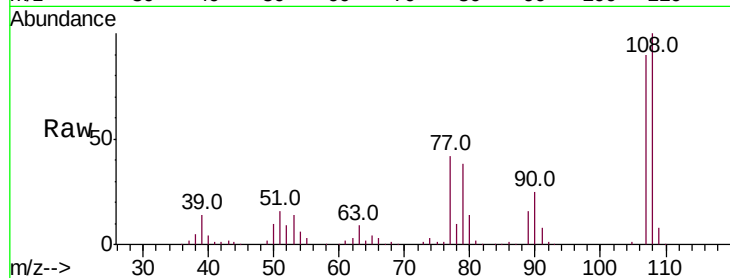




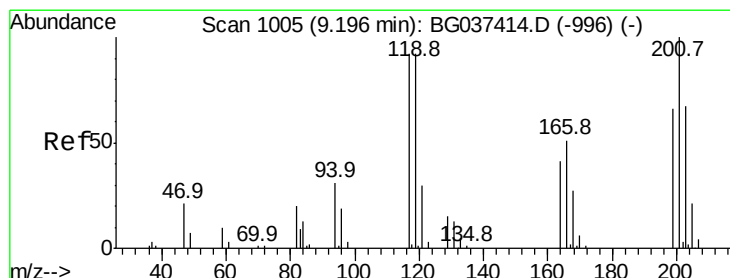
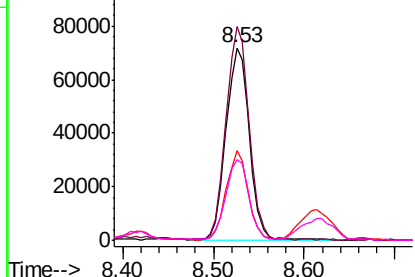
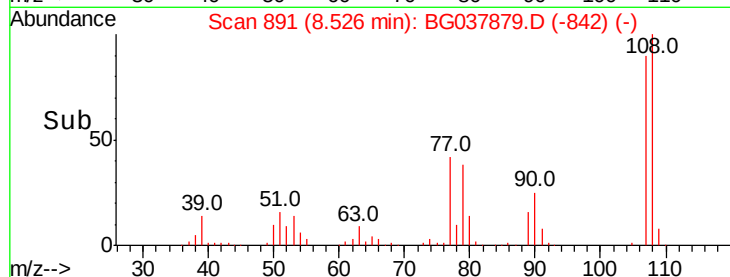
#17  
2-Methylphenol  
Concen: 36.990 ng  
RT: 8.53 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

Tot Ion:107 Resp: 128826  
Ion Ratio Lower Upper  
107 100  
108 110.9 87.9 131.9  
77 46.6 35.1 52.7  
79 41.8 34.5 51.7

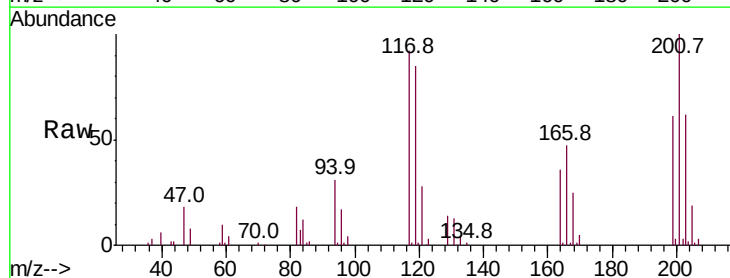


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

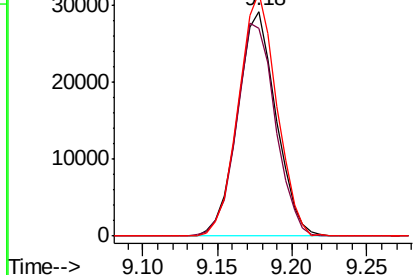
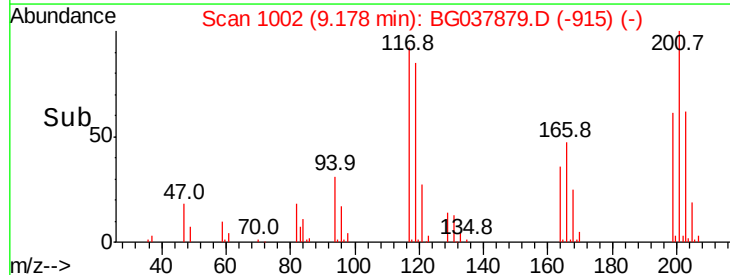


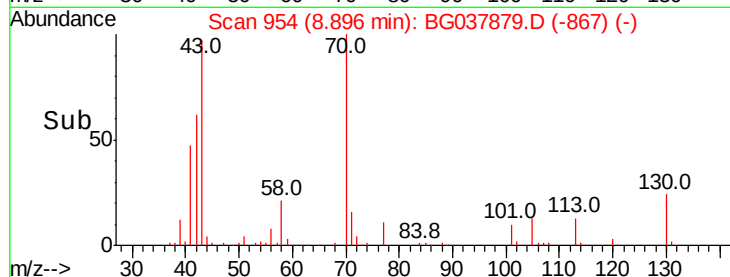
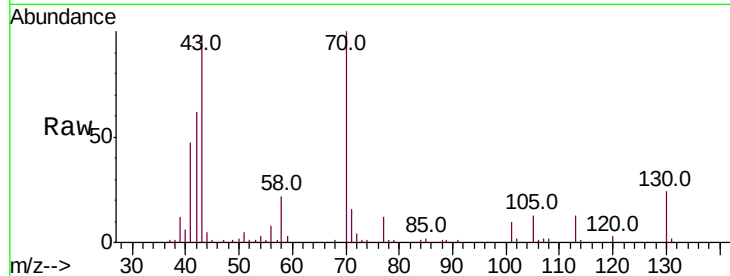
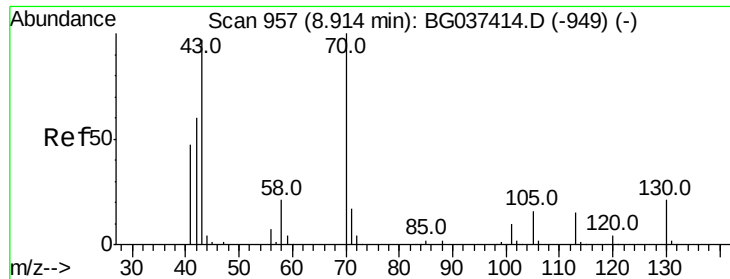
#18  
Hexachloroethane  
Concen: 34.702 ng  
RT: 9.18 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion:117 Resp: 52039  
Ion Ratio Lower Upper  
117 100  
119 92.6 74.6 111.8  
201 108.3 80.8 121.2



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

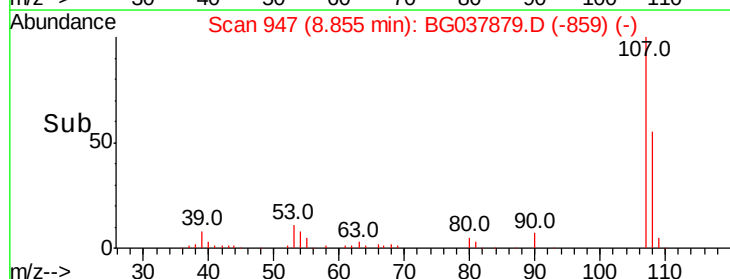
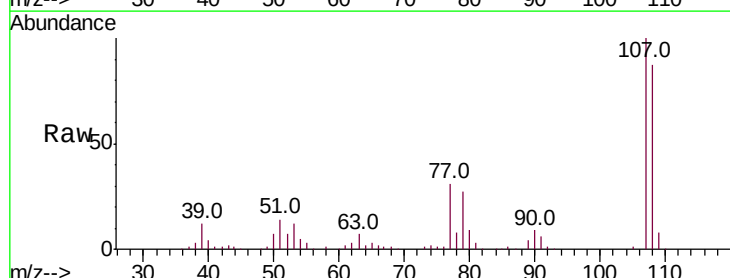
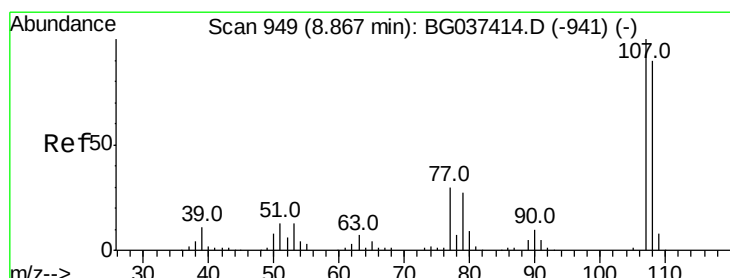
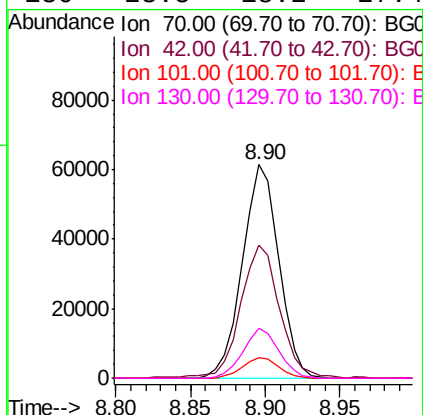




#19  
n-Nitroso-di-n-propylamine  
Concen: 30.109 ng  
RT: 8.90 min Scan# 954  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

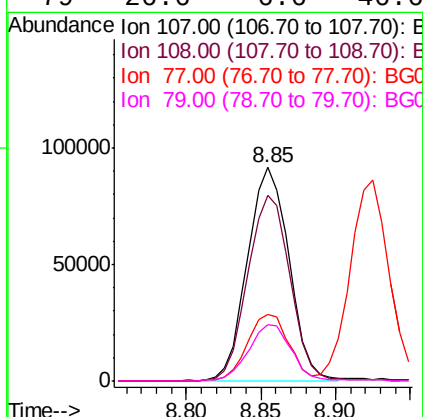
Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

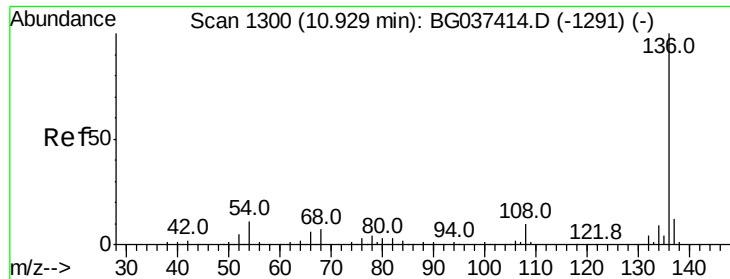
Tot Ion: 70 Resp: 103517  
Ion Ratio Lower Upper  
70 100  
42 62.4 53.9 80.9  
101 9.7 8.2 12.2  
130 23.5 18.2 27.4



#20  
3+4-Methylphenols  
Concen: 35.478 ng  
RT: 8.85 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion: 107 Resp: 176656  
Ion Ratio Lower Upper  
107 100  
108 86.7 69.9 109.9  
77 31.2 11.2 51.2  
79 26.6 6.6 46.6

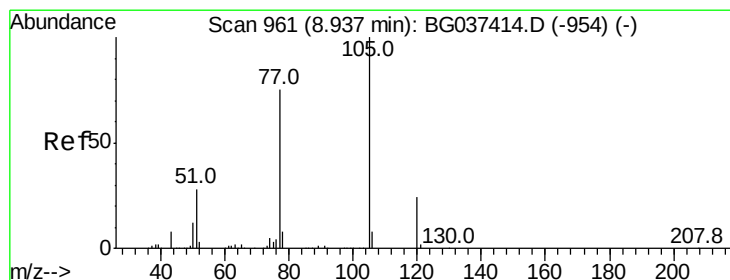
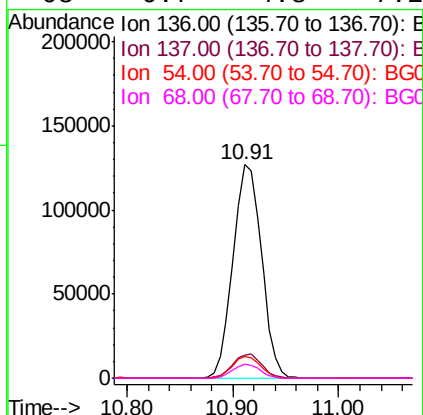
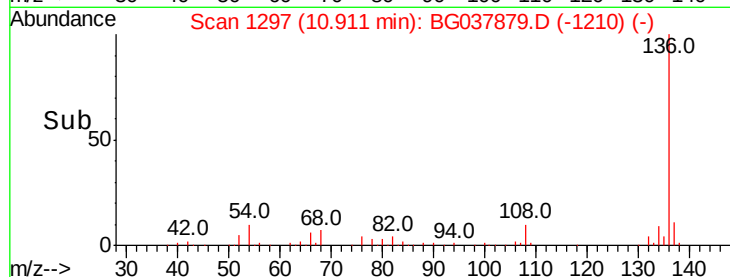
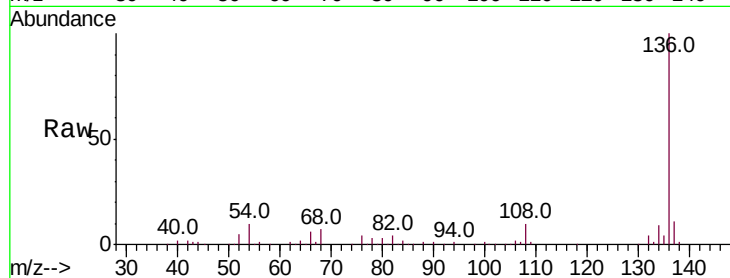




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.91 min Scan# 1297  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

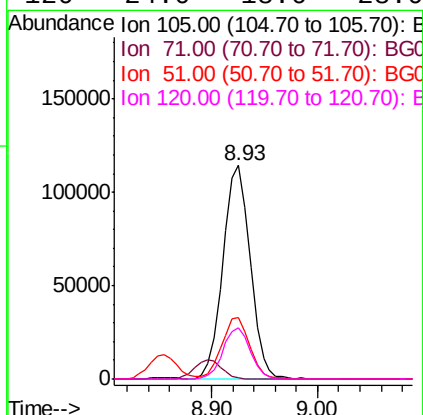
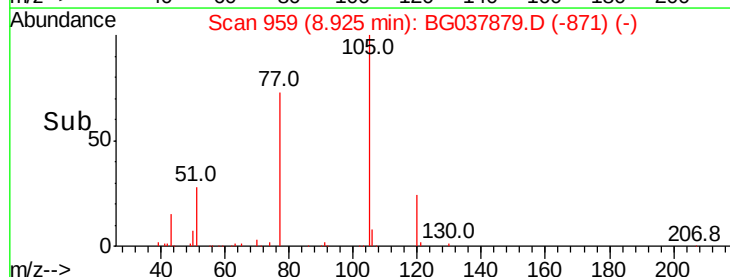
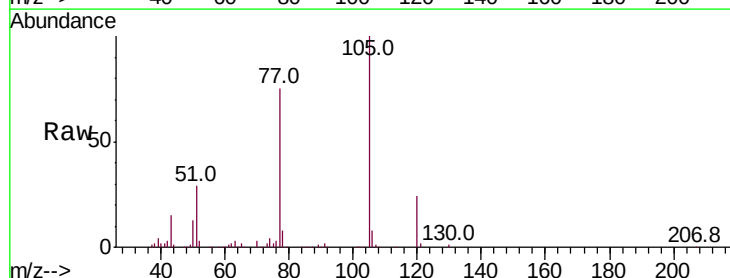
Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

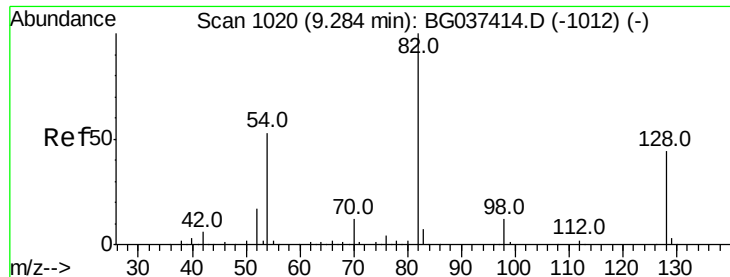
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 237507 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 9.6   | 14.4   |
| 54       | 9.9   | 7.9   | 11.9   |
| 68       | 6.7   | 4.8   | 7.2    |



#22  
Acetophenone  
Concen: 34.411 ng  
RT: 8.93 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 204974 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.5   | 1.2   | 1.8#   |
| 51       | 28.7  | 25.0  | 37.6   |
| 120      | 24.0  | 18.6  | 28.0   |

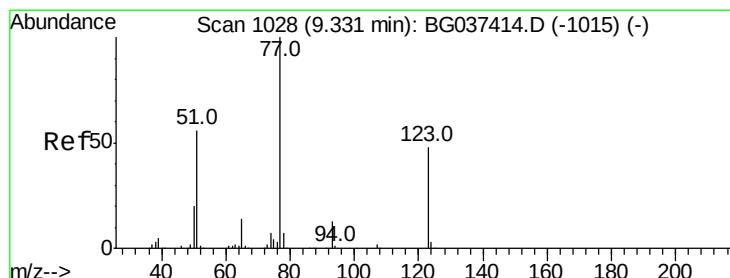
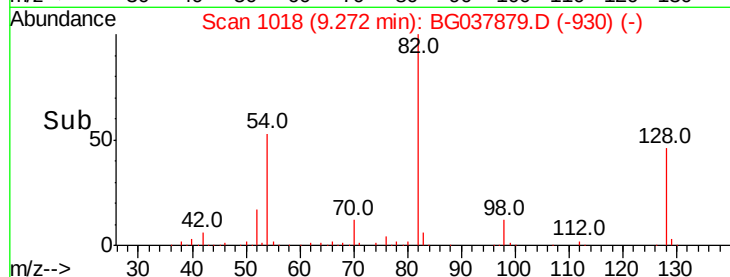
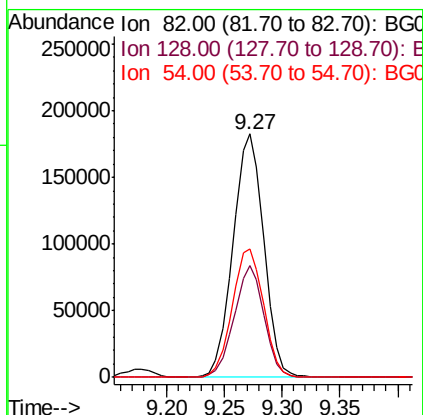
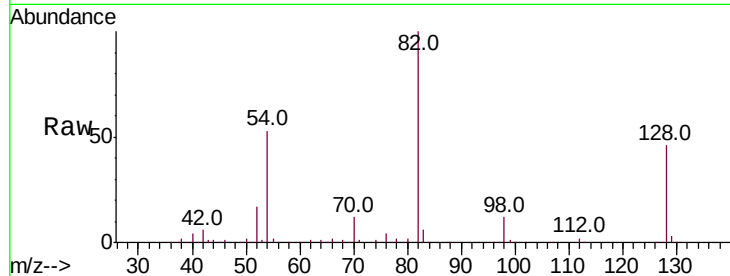




#23  
Nitrobenzene-d5  
Concen: 79.465 ng  
RT: 9.27 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

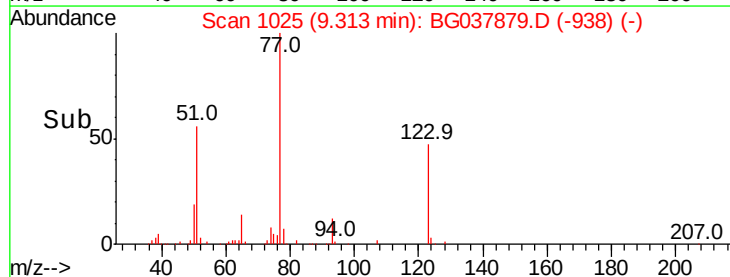
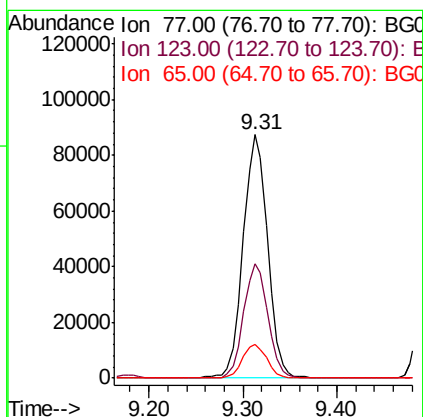
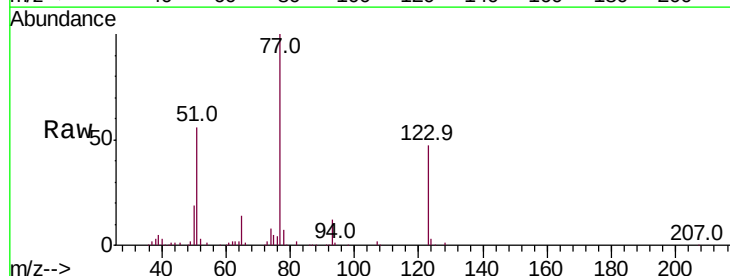
Instrument :  
BNA\_G  
ClientSampleID :  
PB114465BS

Tot Ion: 82 Resp: 336913  
Ion Ratio Lower Upper  
82 100  
128 46.0 34.6 51.8  
54 52.9 45.3 67.9

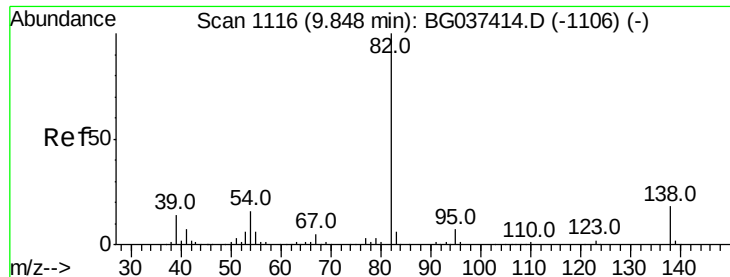


#24  
Nitrobenzene  
Concen: 35.782 ng  
RT: 9.31 min Scan# 1025  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion: 77 Resp: 157600  
Ion Ratio Lower Upper  
77 100  
123 46.8 33.6 50.4  
65 13.8 11.3 16.9







#25

Isophorone

Concen: 38.440 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

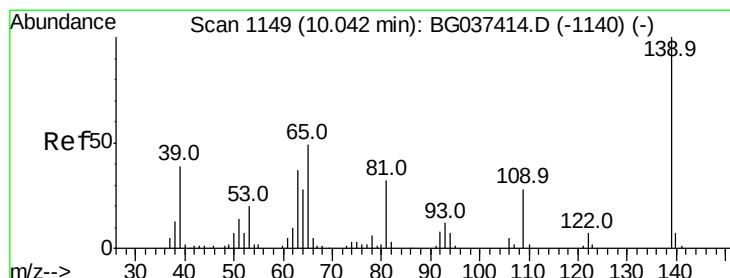
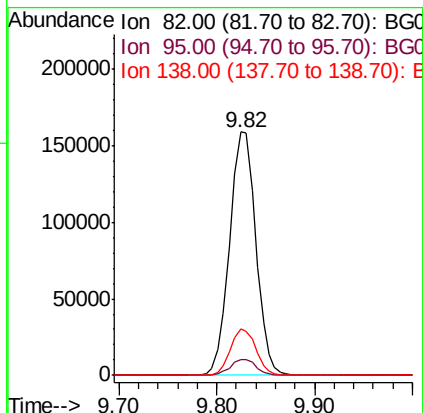
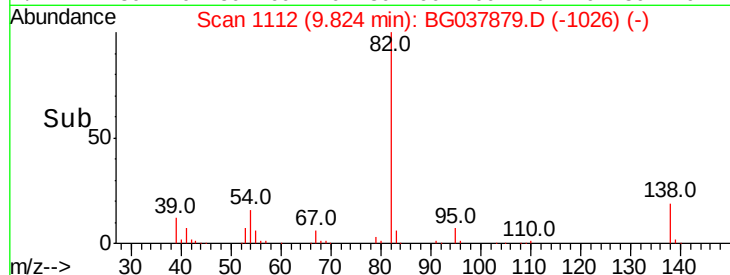
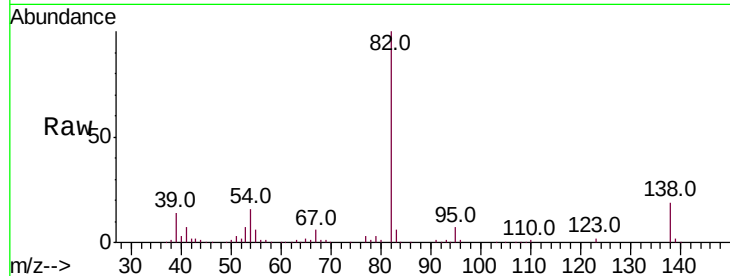
Tot Ion: 82 Resp: 297781

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.0 13.3 19.9



#26

2-Nitrophenol

Concen: 39.619 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

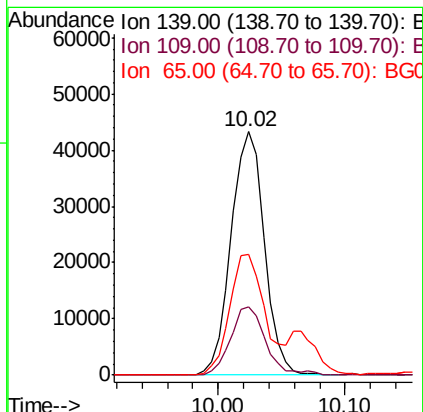
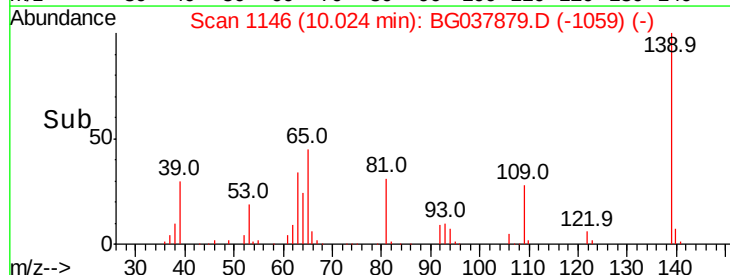
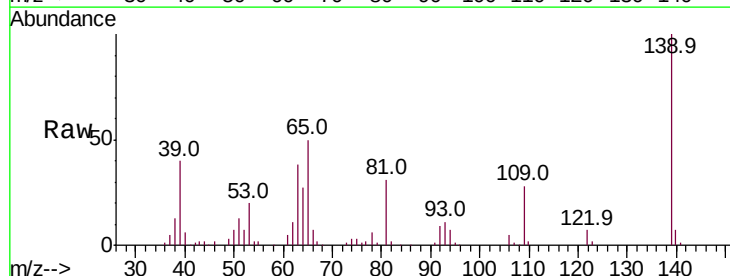
Tgt Ion: 139 Resp: 78612

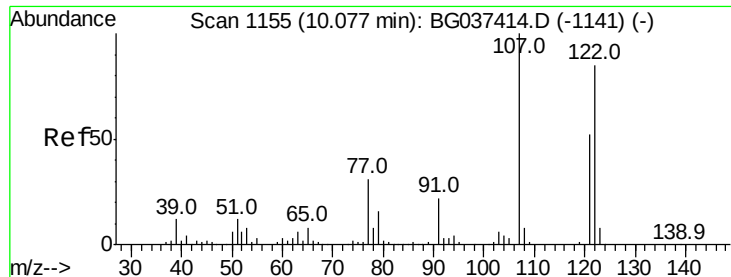
Ion Ratio Lower Upper

139 100

109 27.9 23.3 34.9

65 49.5 39.8 59.8

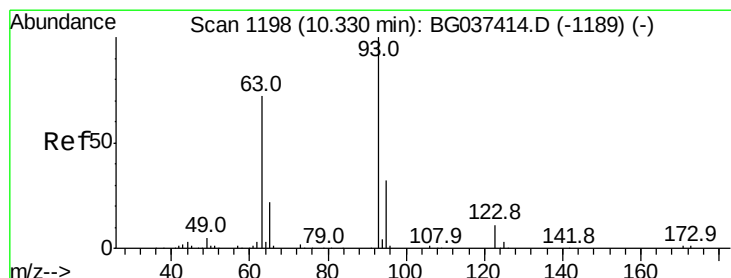
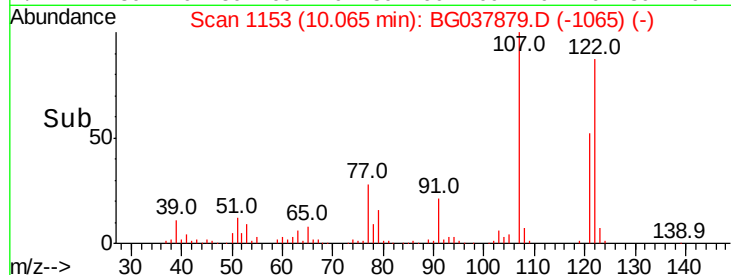
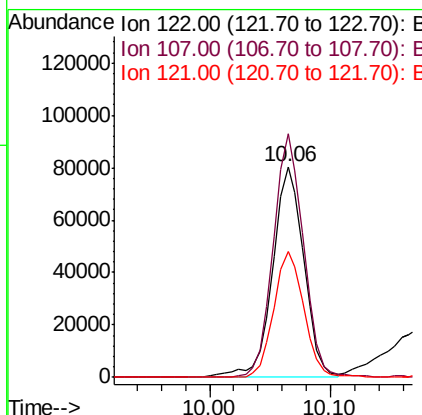
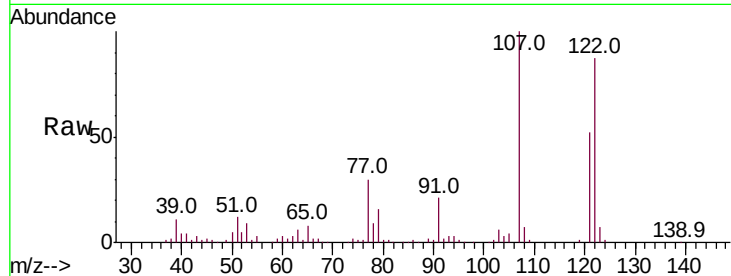




#27  
2,4-Dimethylphenol  
Concen: 40.640 ng  
RT: 10.06 min Scan# 1153  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

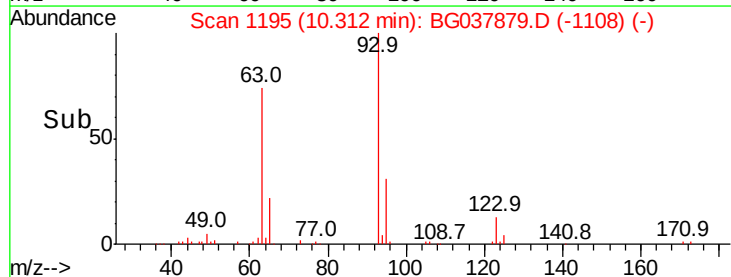
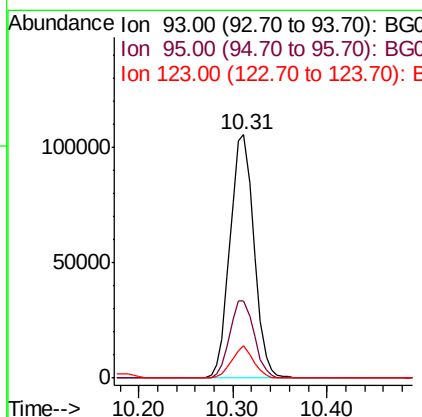
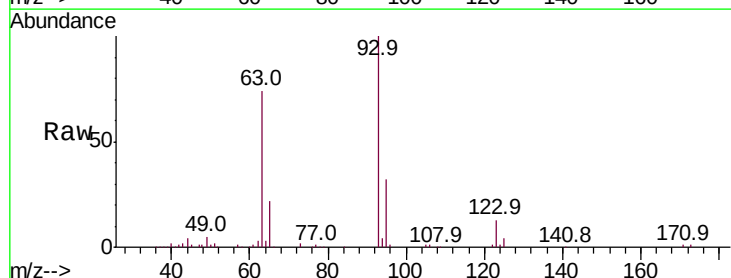
Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

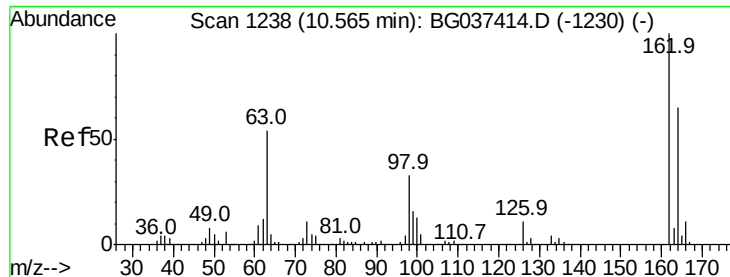
Tot Ion:122 Resp: 143976  
Ion Ratio Lower Upper  
122 100  
107 115.4 94.2 141.2  
121 59.9 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.020 ng  
RT: 10.31 min Scan# 1195  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion: 93 Resp: 187897  
Ion Ratio Lower Upper  
93 100  
95 32.0 24.6 37.0  
123 13.1 9.1 13.7

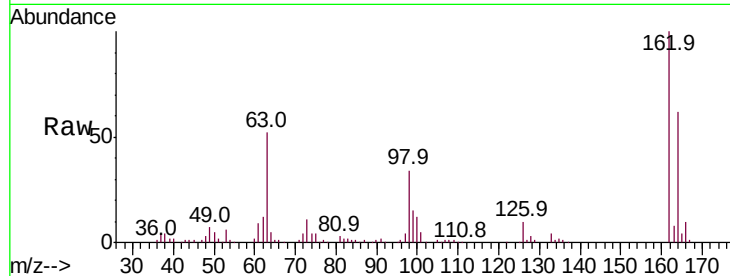




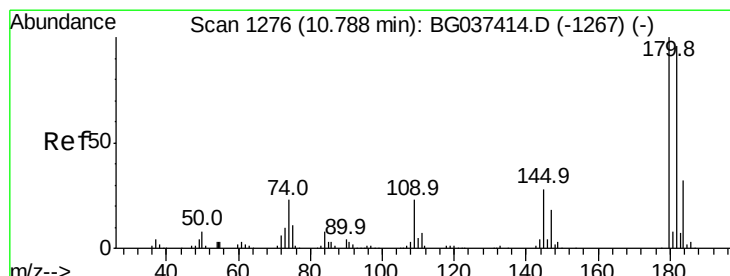
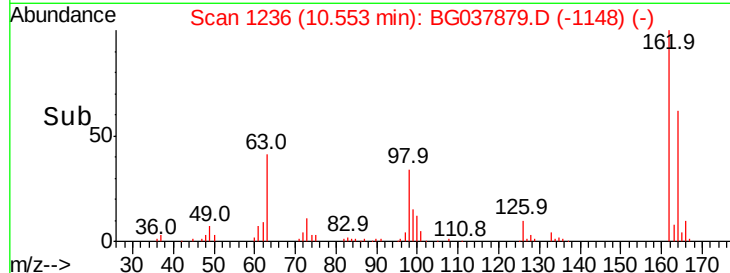
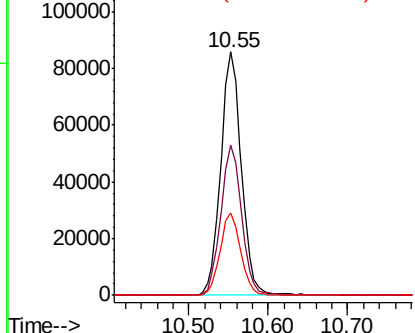
#29  
 2,4-Dichlorophenol  
 Concen: 39.183 ng  
 RT: 10.55 min Scan# 1236  
 Delta R.T. -0.01 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114465BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.6  | 43.2  | 83.2  |
| 98      | 34.0  | 16.0  | 56.0  |

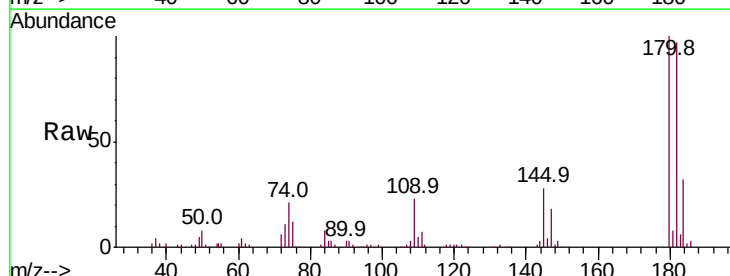


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BGC

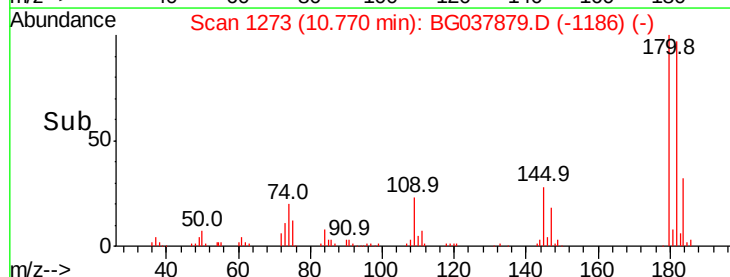
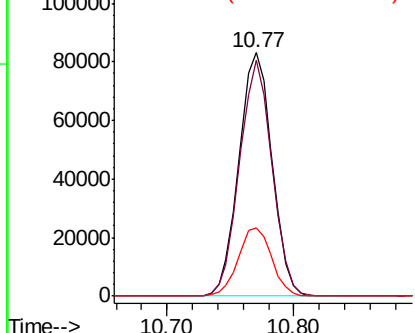


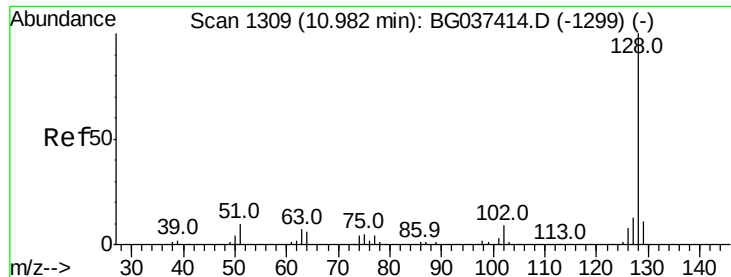
#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.124 ng  
 RT: 10.77 min Scan# 1273  
 Delta R.T. -0.02 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.2  | 77.7  | 116.5 |
| 145     | 28.1  | 23.3  | 34.9  |



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

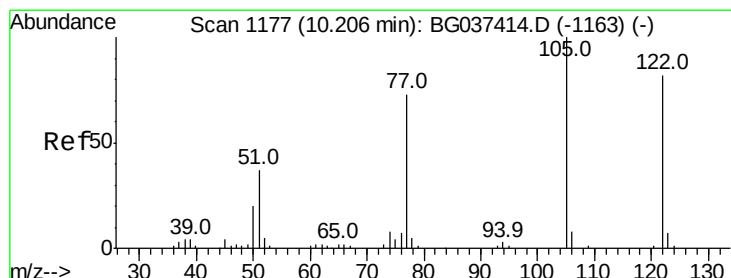
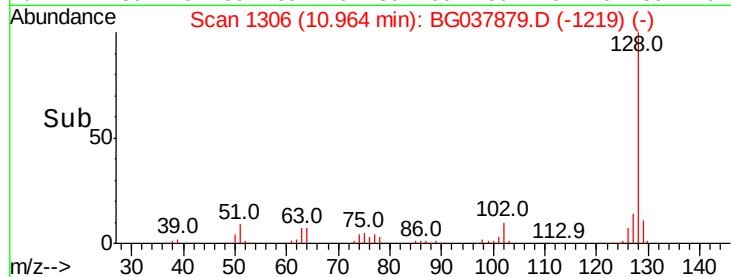
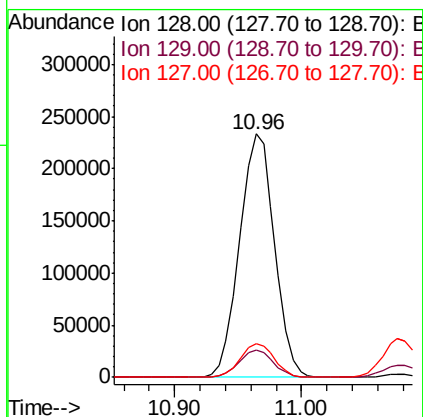
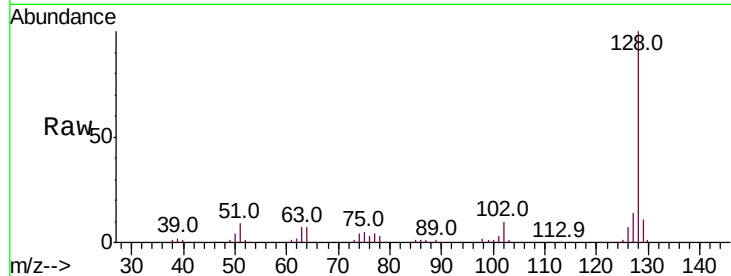




#31  
Naphthalene  
Concen: 38.114 ng  
RT: 10.96 min Scan# 1306  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

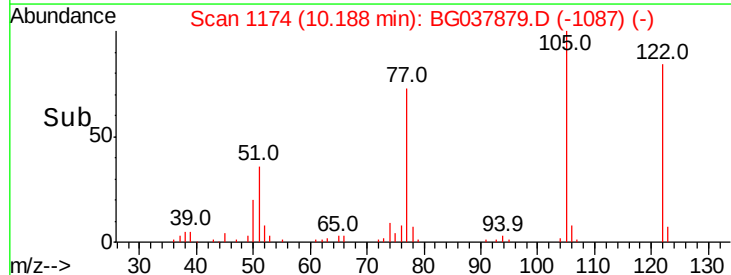
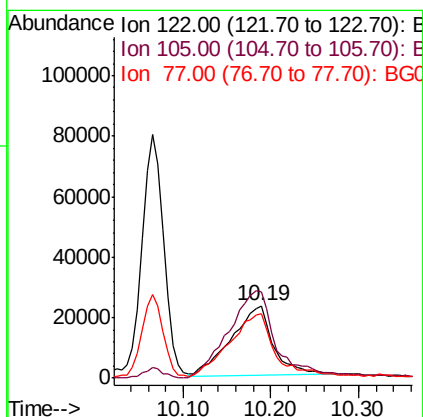
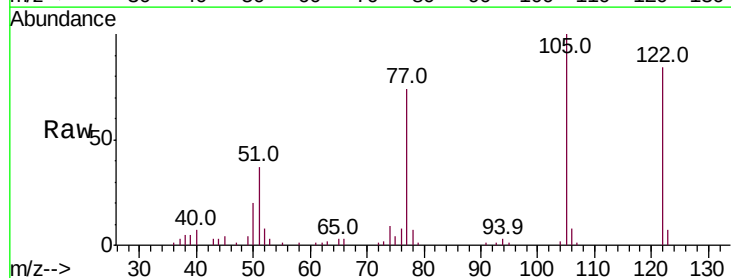
Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

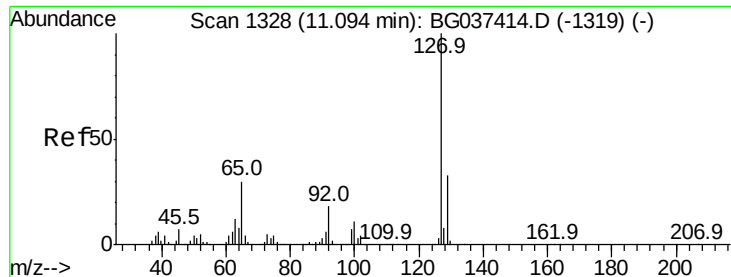
Tot Ion:128 Resp: 444626  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.7 11.1 16.7



#32  
Benzoic acid  
Concen: 33.156 ng  
RT: 10.19 min Scan# 1174  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion:122 Resp: 76294  
Ion Ratio Lower Upper  
122 100  
105 118.9 106.7 146.7  
77 87.9 72.2 112.2

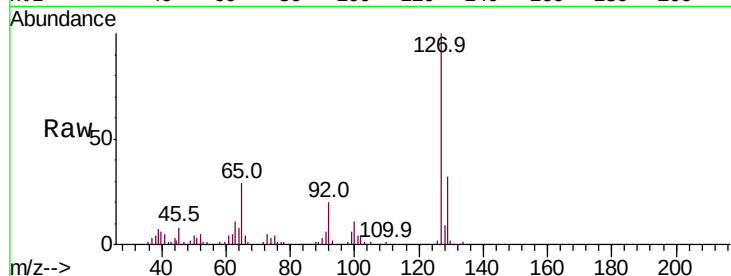




#33  
4-Chloroaniline  
Concen: 13.179 ng  
RT: 11.08 min Scan# 1325  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 72239 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.5  | 27.1  | 40.7  |
| 65       | 28.6  | 26.6  | 39.8  |
| 92       | 19.5  | 16.4  | 24.6  |



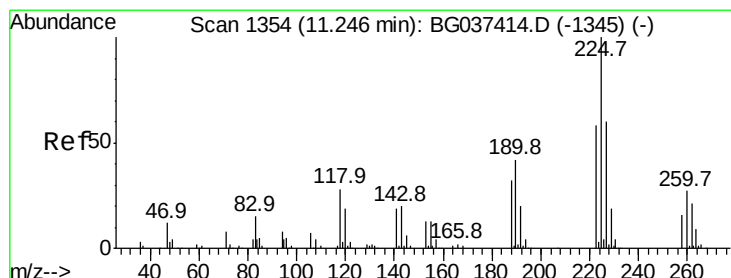
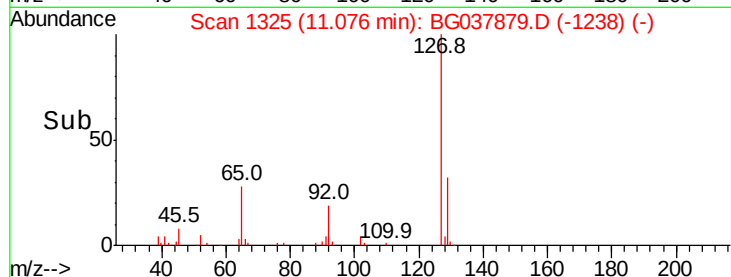
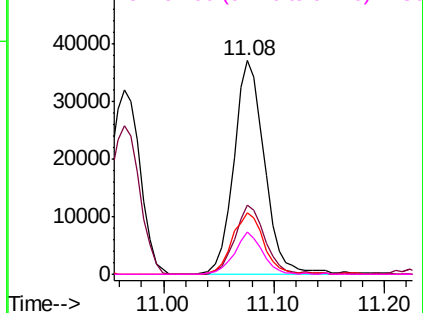
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

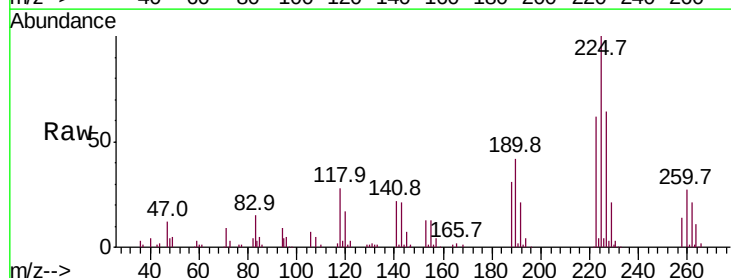
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 35.531 ng  
RT: 11.23 min Scan# 1351  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 90330 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.2  | 48.2  | 72.4  |
| 227      | 63.7  | 51.6  | 77.4  |

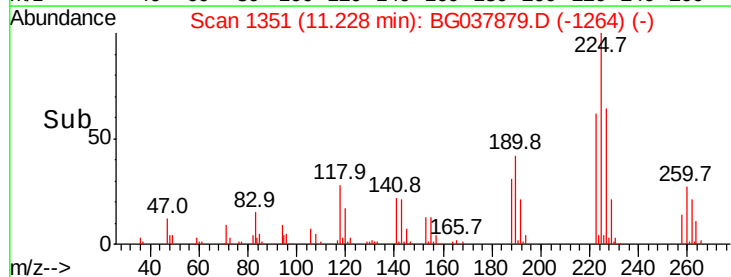
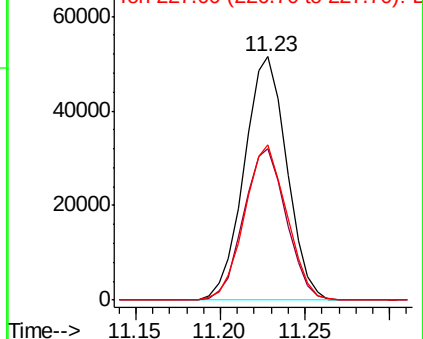


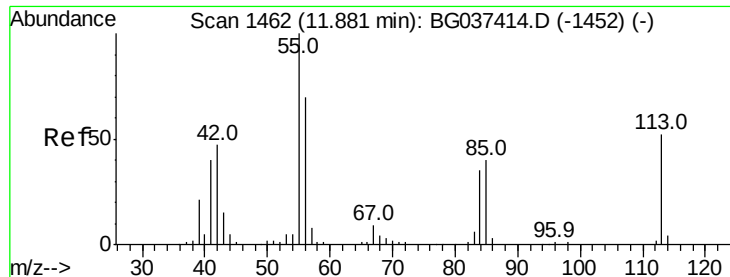
Abundance

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: 33.512 ng

RT: 11.86 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

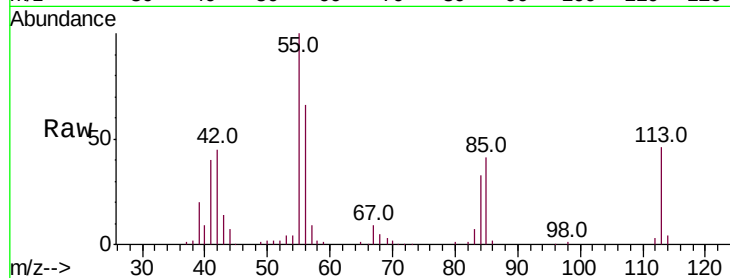
Tot Ion:113 Resp: 53016

Ion Ratio Lower Upper

113 100

55 216.5 176.6 216.6

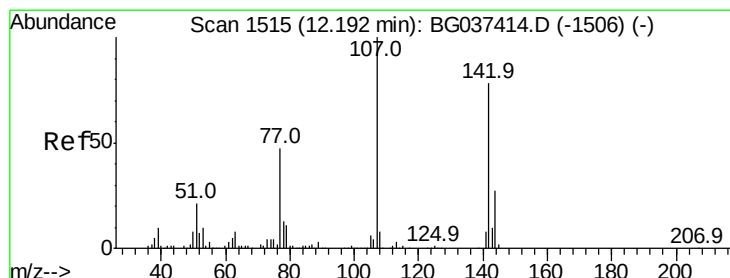
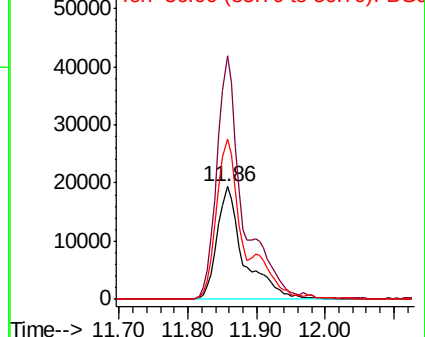
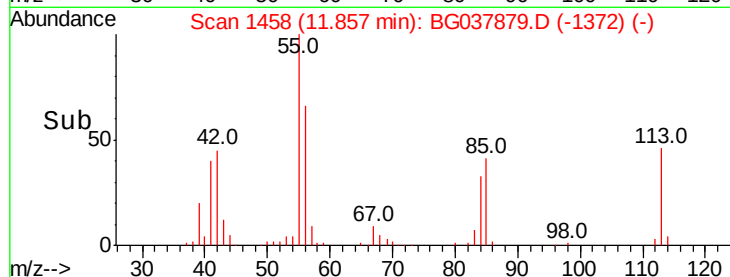
56 142.5 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 37.759 ng

RT: 12.18 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

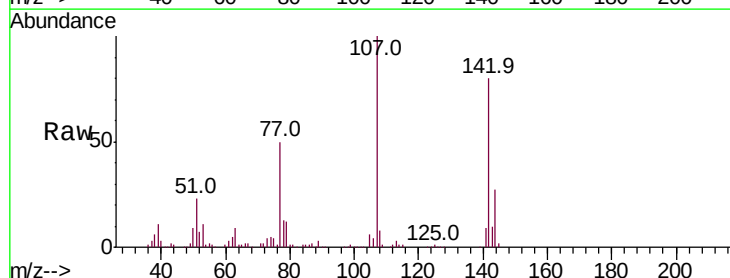
Tgt Ion:107 Resp: 167969

Ion Ratio Lower Upper

107 100

144 26.7 20.7 31.1

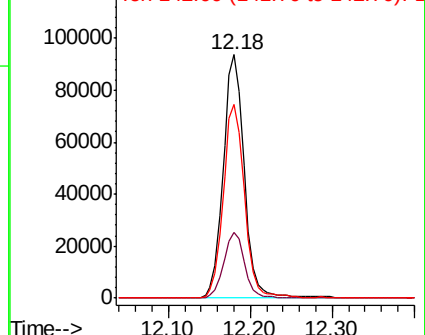
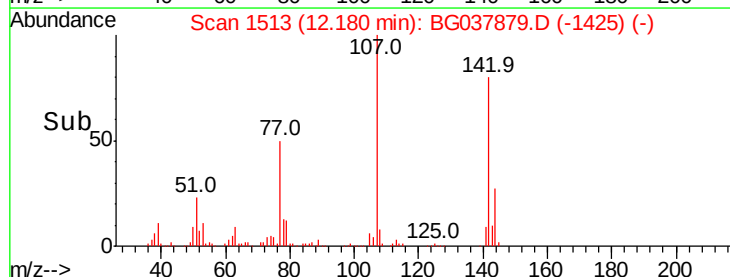
142 79.7 64.4 96.6

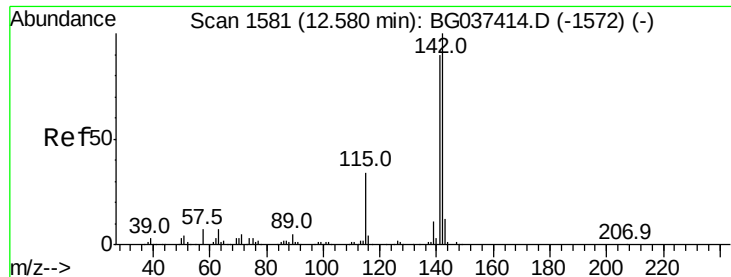


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

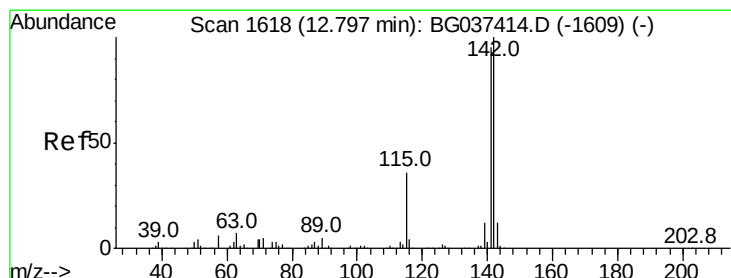
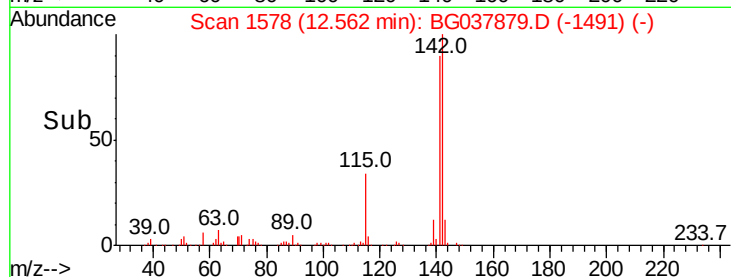
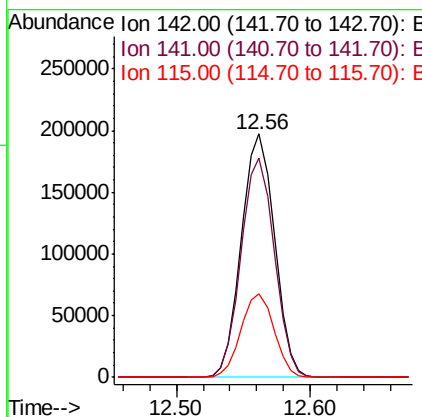
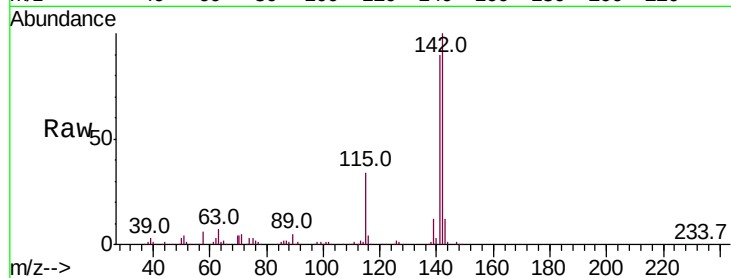




#37  
2-Methylnaphthalene  
Concen: 39.972 ng  
RT: 12.56 min Scan# 1578  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

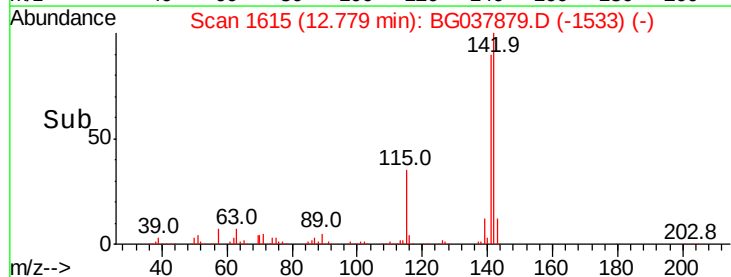
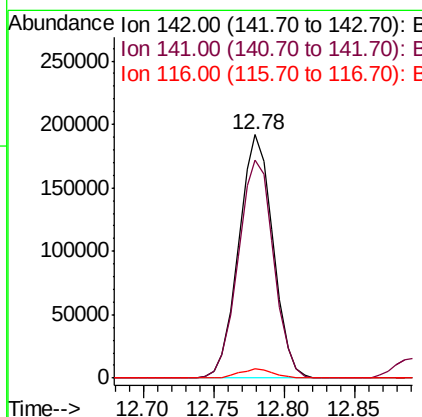
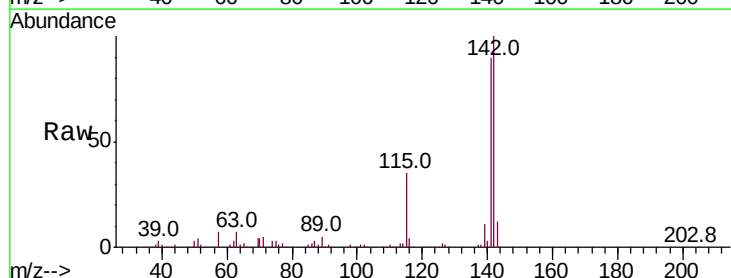
Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

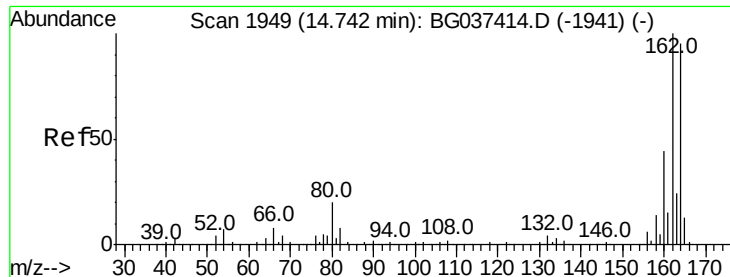
Tot Ion:142 Resp: 339914  
Ion Ratio Lower Upper  
142 100  
141 90.1 71.9 107.9  
115 34.5 27.8 41.8



#38  
1-Methylnaphthalene  
Concen: 39.437 ng  
RT: 12.78 min Scan# 1615  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion:142 Resp: 325691  
Ion Ratio Lower Upper  
142 100  
141 89.5 75.2 112.8  
116 4.0 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

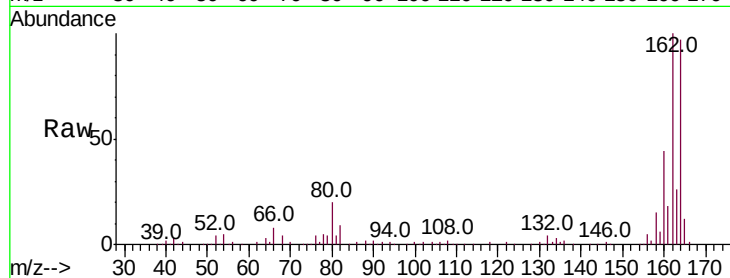
Tot Ion:164 Resp: 156821

Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

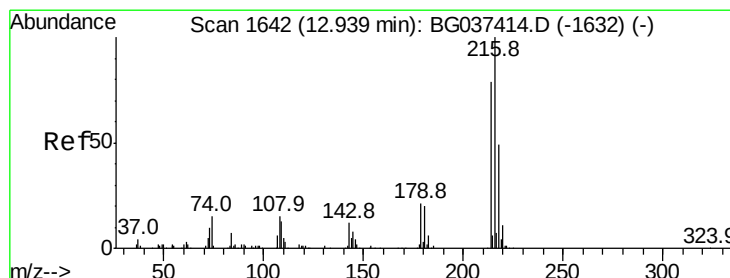
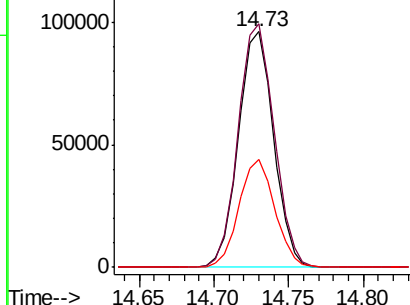
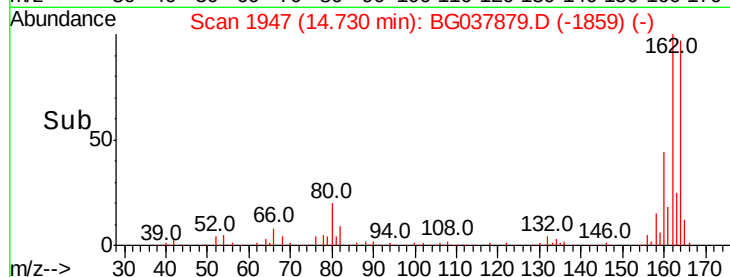
160 45.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.061 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Tgt Ion:216 Resp: 177348

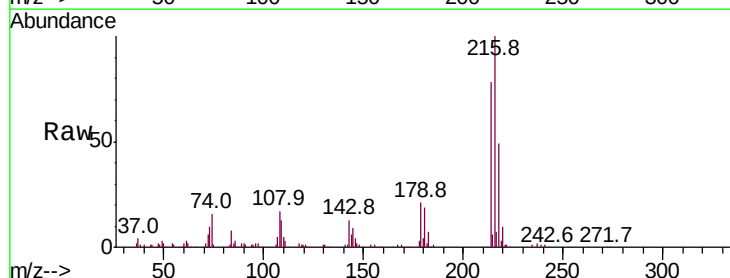
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 21.2 17.4 26.0

108 19.1 13.9 20.9

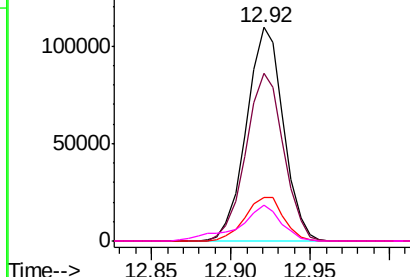
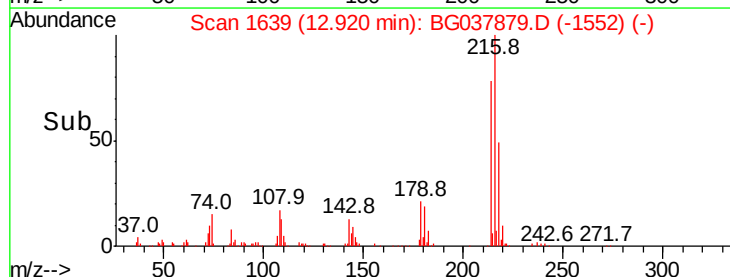


Abundance Ion 216.00 (215.70 to 216.70): E

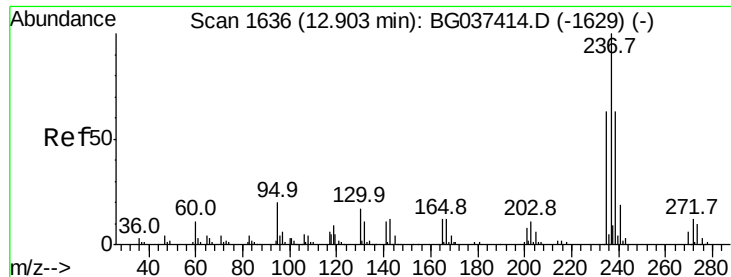
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



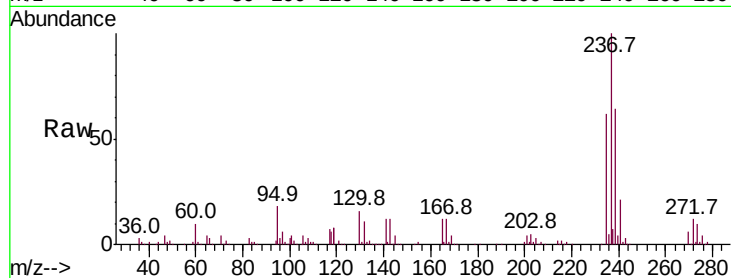




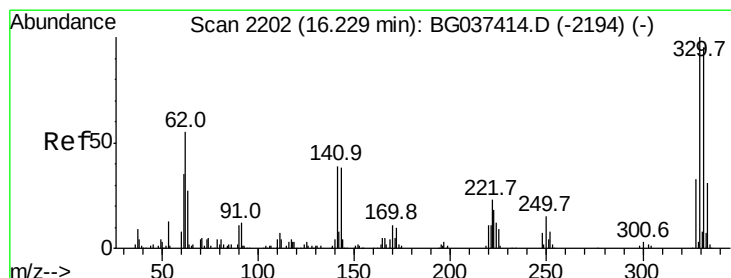
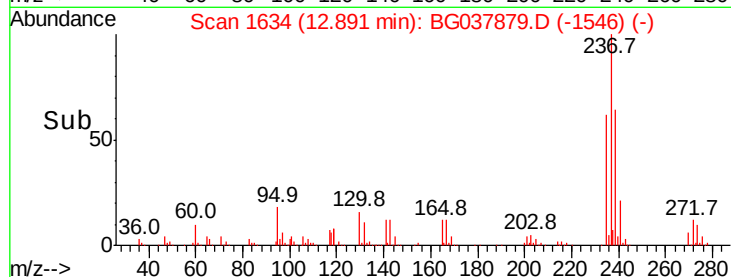
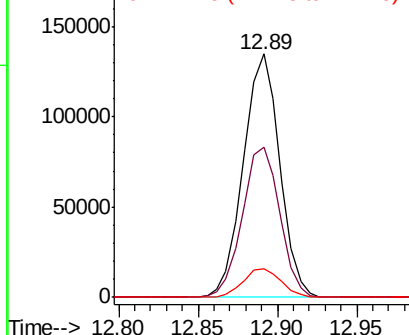
#41  
Hexachlorocyclopentadiene  
Concen: 88.941 ng  
RT: 12.89 min Scan# 1634  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

Tot Ion:237 Resp: 214901  
Ion Ratio Lower Upper  
237 100  
235 61.9 42.5 82.5  
272 11.7 0.0 31.6

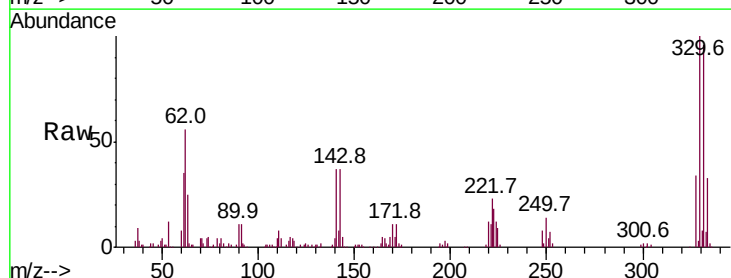


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

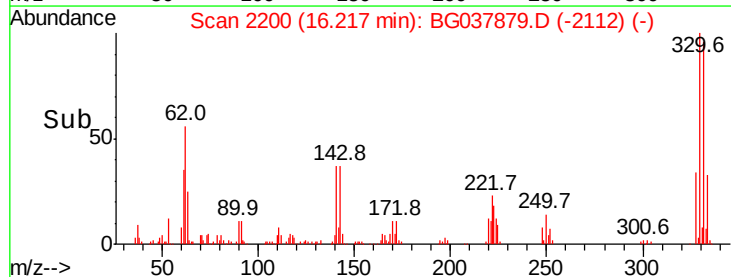
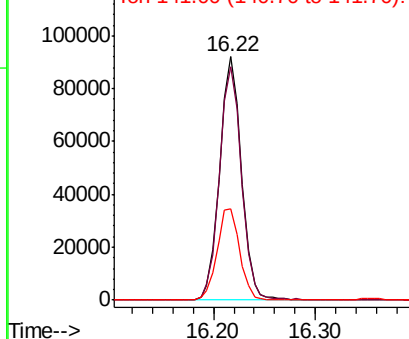


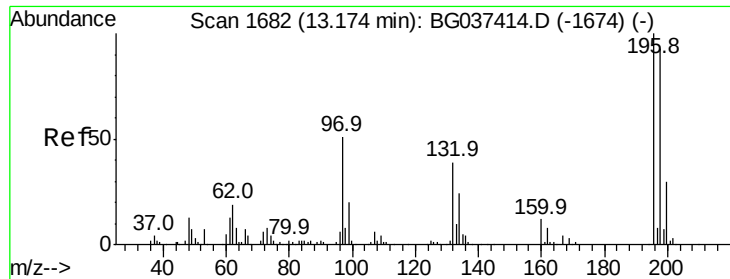
#42  
2,4,6-Tribromophenol  
Concen: 80.209 ng  
RT: 16.22 min Scan# 2200  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion:330 Resp: 137191  
Ion Ratio Lower Upper  
330 100  
332 97.2 78.4 117.6  
141 39.1 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

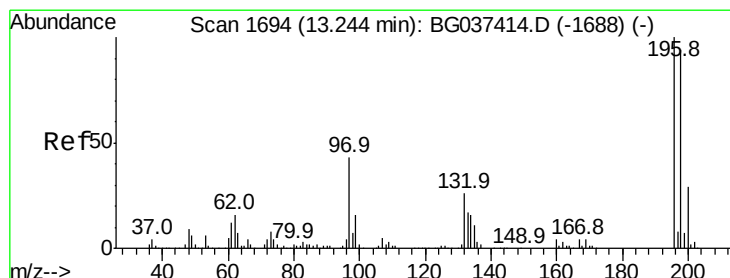
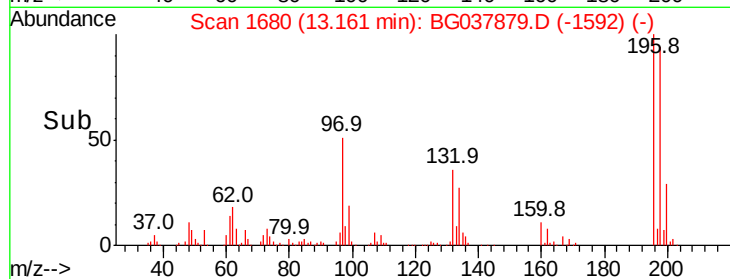
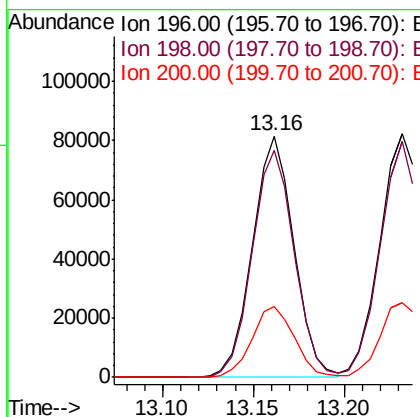
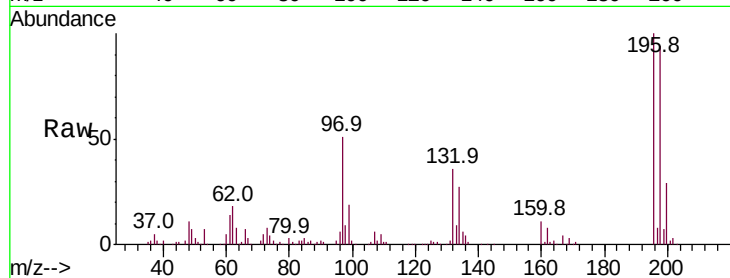




#43  
 2,4,6-Trichlorophenol  
 Concen: 38.252 ng  
 RT: 13.16 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

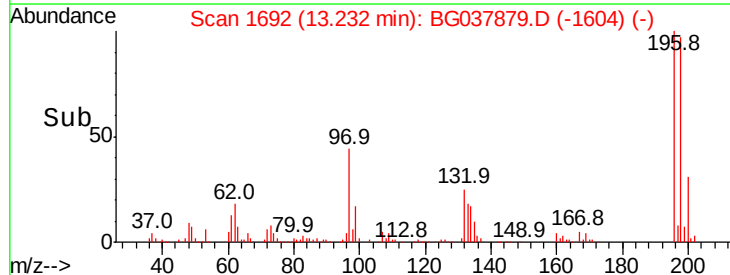
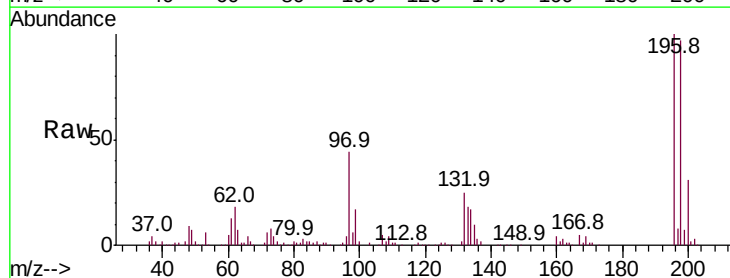
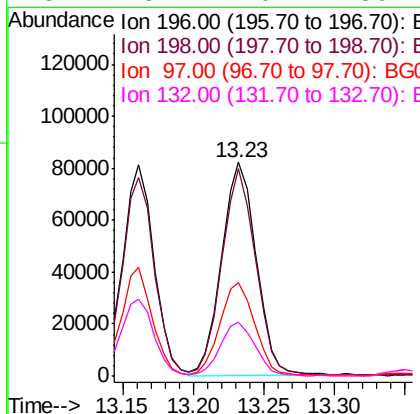
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114465BS

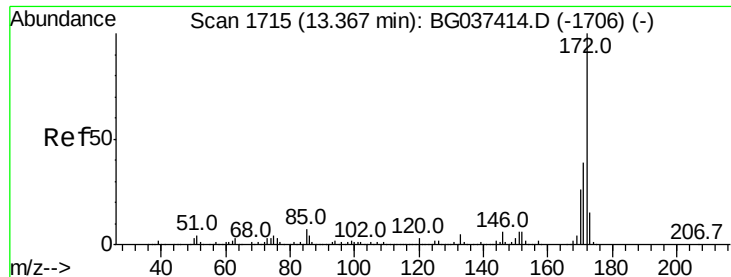
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.0  | 76.4  | 114.6 |
| 200     | 29.2  | 24.9  | 37.3  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.078 ng  
 RT: 13.23 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.9  | 74.2  | 111.2 |
| 97      | 44.0  | 34.1  | 51.1  |
| 132     | 25.4  | 20.2  | 30.4  |

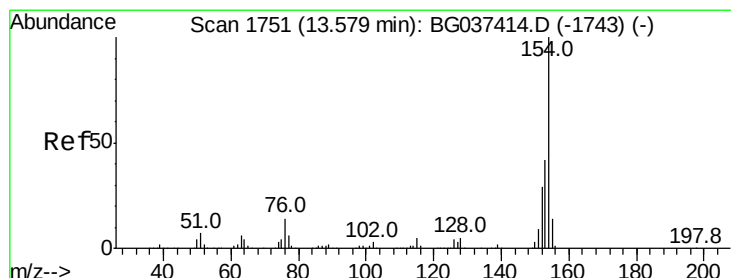
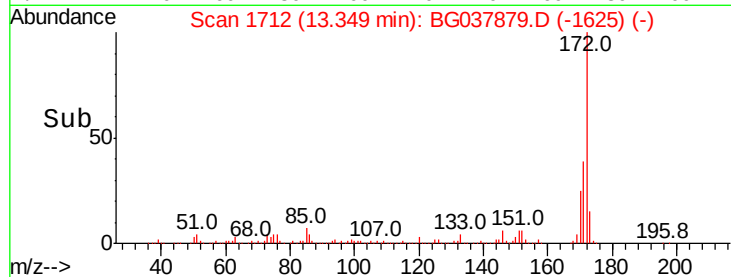
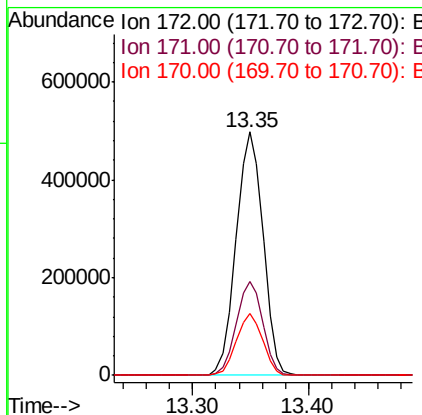
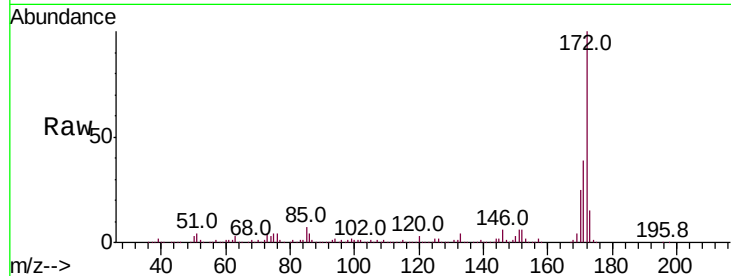




#45  
2-Fluorobiphenyl  
Concen: 77.156 ng  
RT: 13.35 min Scan# 1712  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

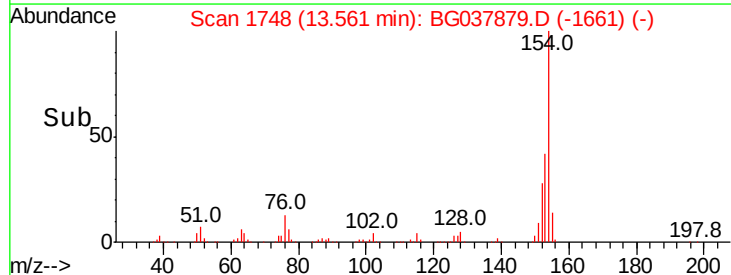
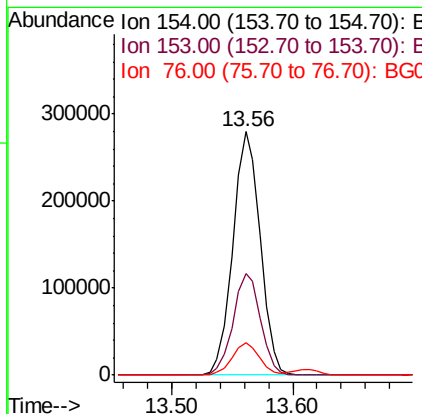
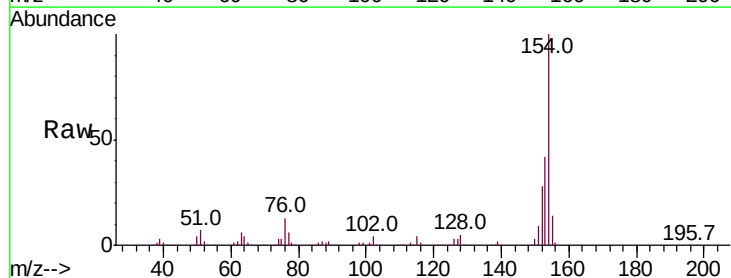
Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

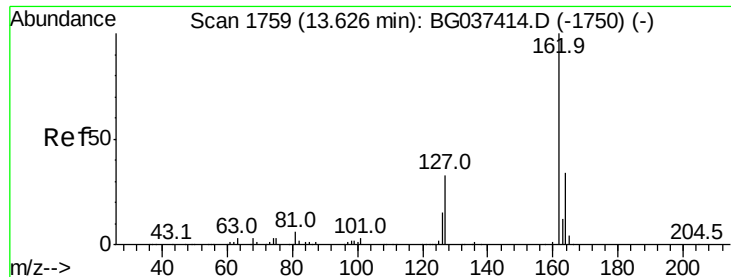
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.8  | 31.0  | 46.4  |
| 170     | 25.2  | 20.2  | 30.2  |



#46  
1,1'-Biphenyl  
Concen: 33.828 ng  
RT: 13.56 min Scan# 1748  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.8  | 22.1  | 62.1  |
| 76      | 13.2  | 0.0   | 33.2  |

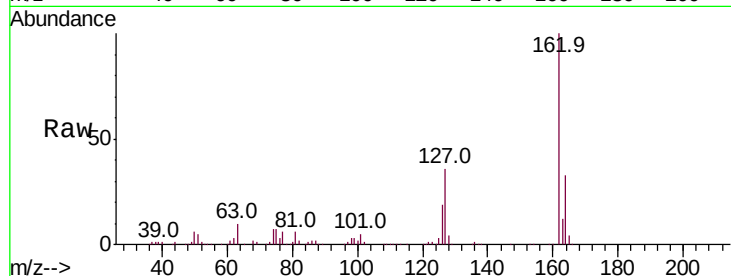




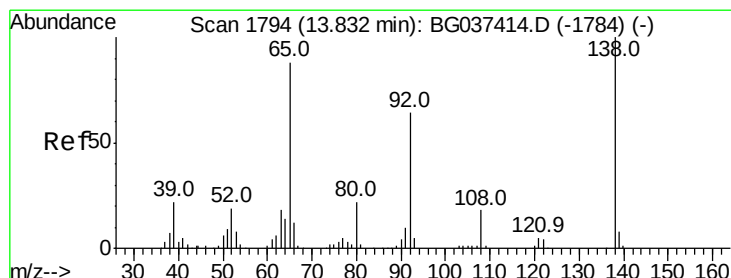
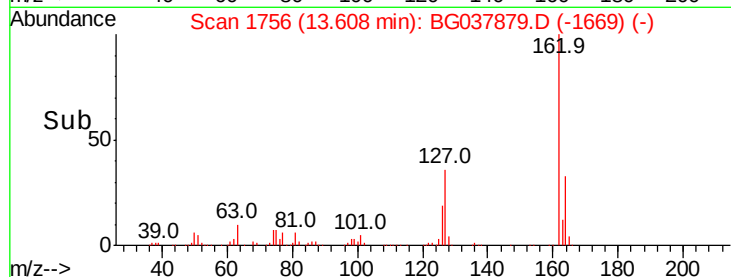
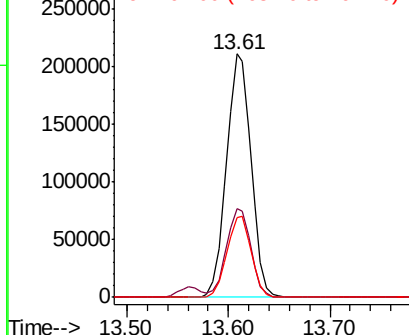
#47  
2-Chloronaphthalene  
Concen: 35.965 ng  
RT: 13.61 min Scan# 1756  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

Tot Ion:162 Resp: 353382  
Ion Ratio Lower Upper  
162 100  
127 36.3 30.5 45.7  
164 32.7 26.4 39.6

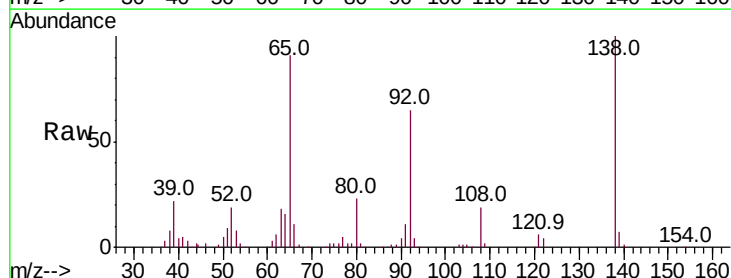


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

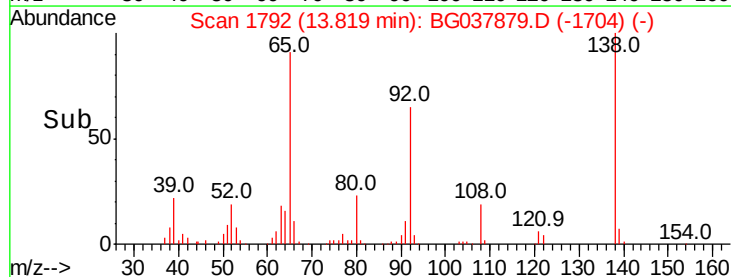
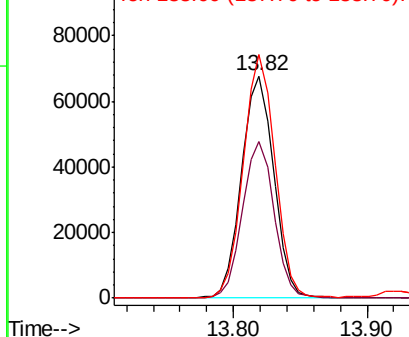


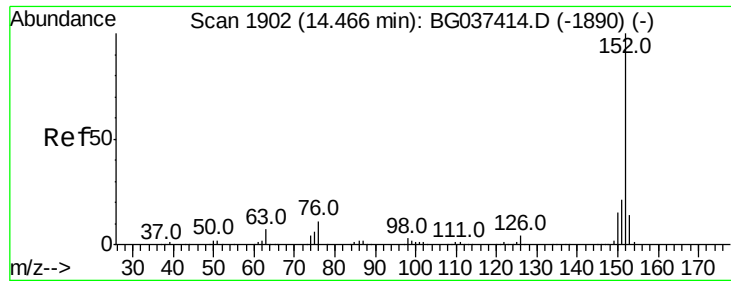
#48  
2-Nitroaniline  
Concen: 38.051 ng  
RT: 13.82 min Scan# 1792  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion: 65 Resp: 113378  
Ion Ratio Lower Upper  
65 100  
92 70.7 53.2 79.8  
138 109.6 79.3 118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.249 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

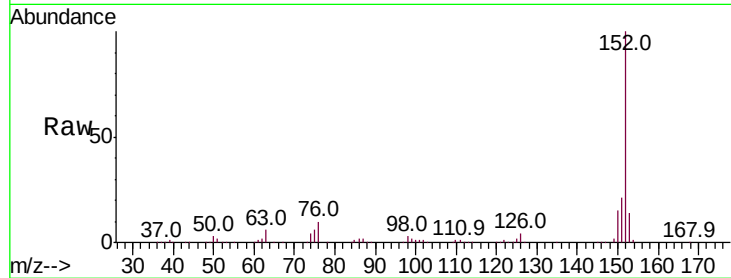
Tot Ion:152 Resp: 580116

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

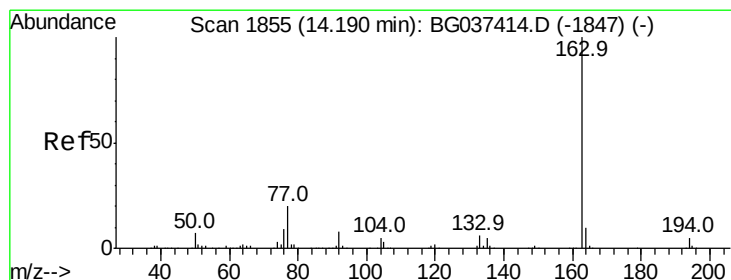
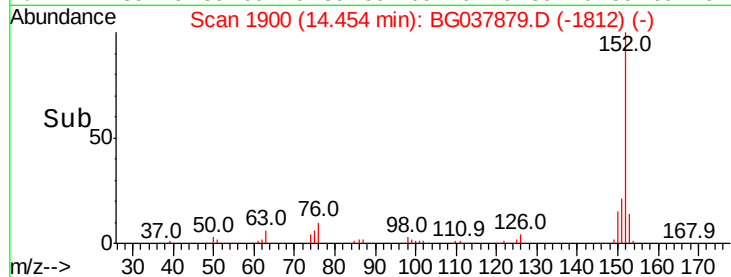
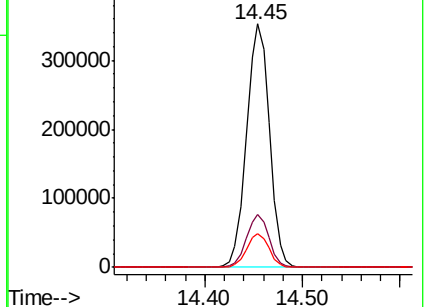
153 13.9 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.047 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

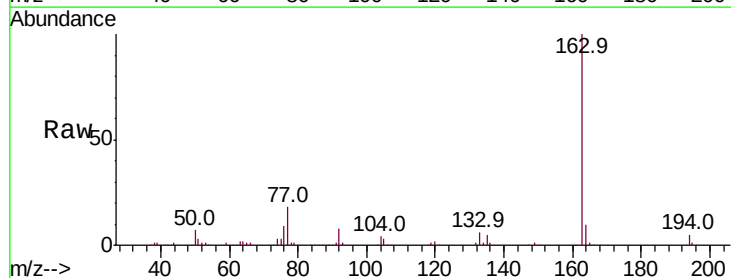
Tgt Ion:163 Resp: 449452

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

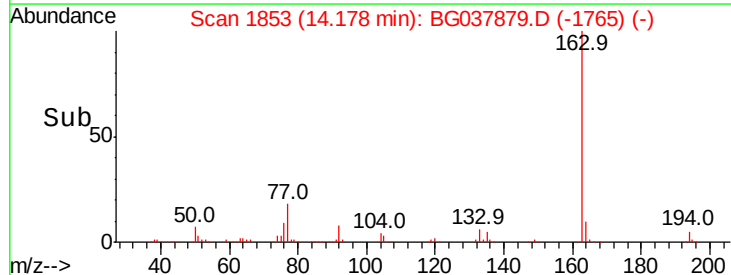
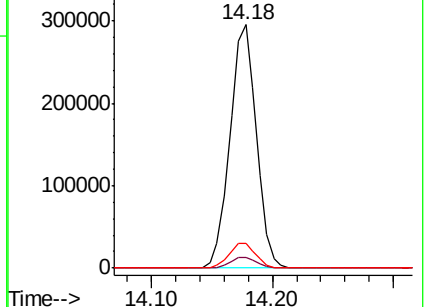
164 10.0 8.5 12.7

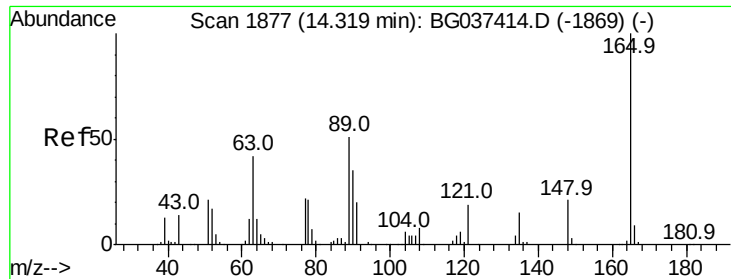


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

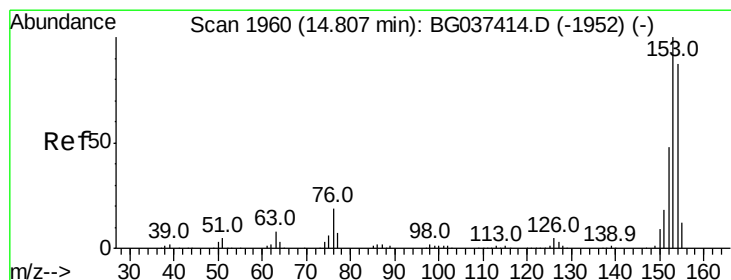
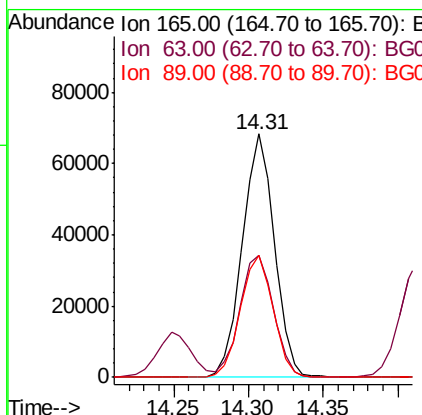
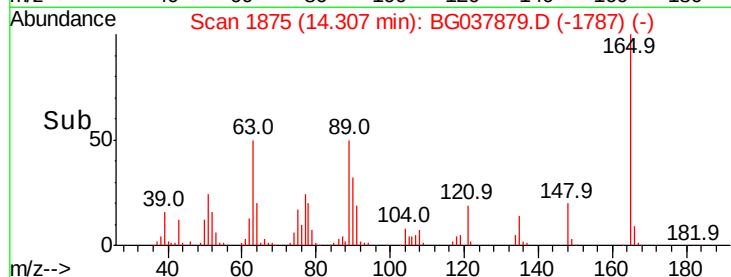
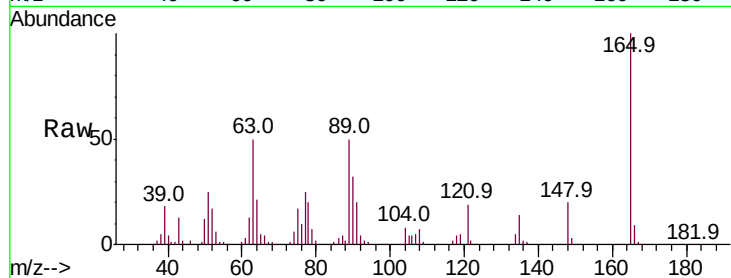




#51  
2,6-Dinitrotoluene  
Concen: 37.742 ng  
RT: 14.31 min Scan# 1875  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

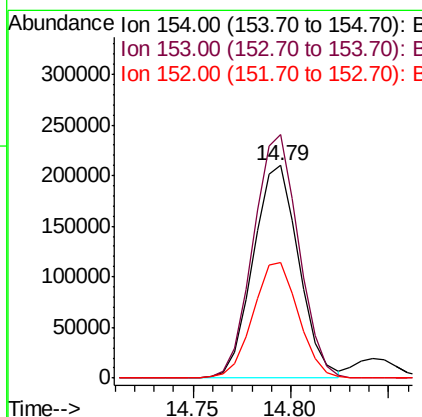
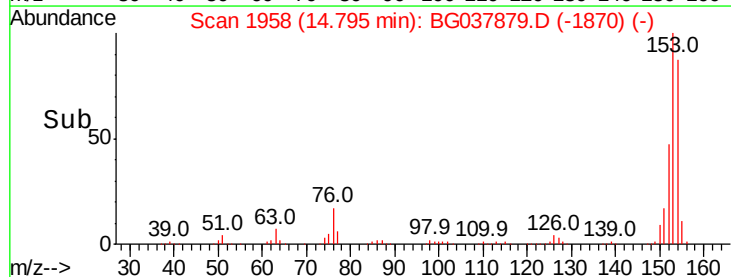
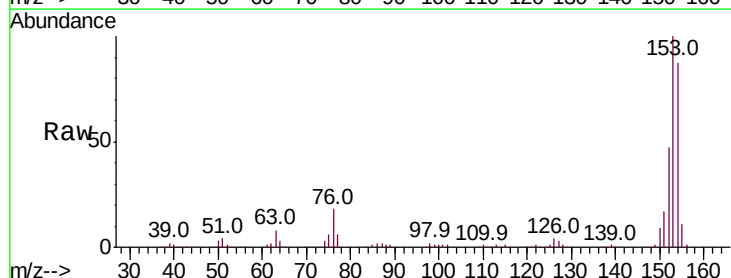
Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

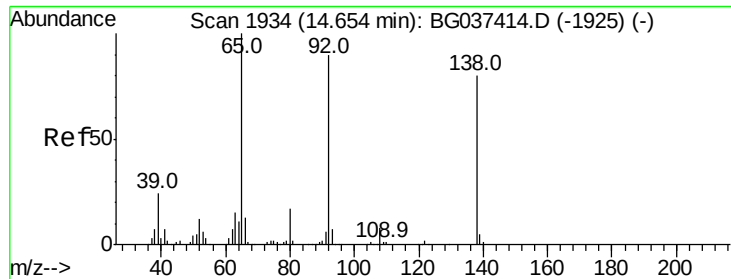
Tot Ion:165 Resp: 101293  
Ion Ratio Lower Upper  
165 100  
63 50.4 43.4 65.2  
89 50.4 45.8 68.6



#52  
Acenaphthene  
Concen: 37.377 ng  
RT: 14.79 min Scan# 1958  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion:154 Resp: 340235  
Ion Ratio Lower Upper  
154 100  
153 114.5 93.4 140.0  
152 54.2 44.7 67.1





#53

3-Nitroaniline

Concen: 23.830 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

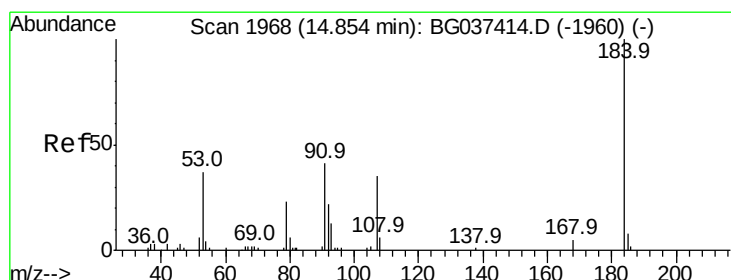
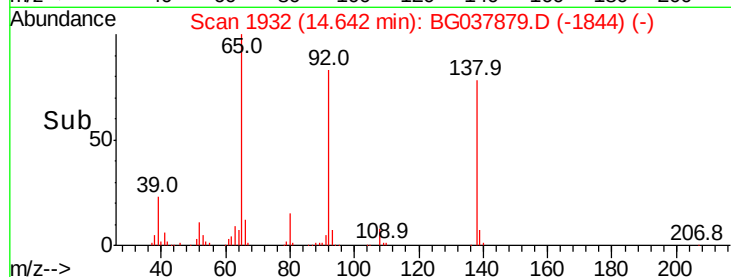
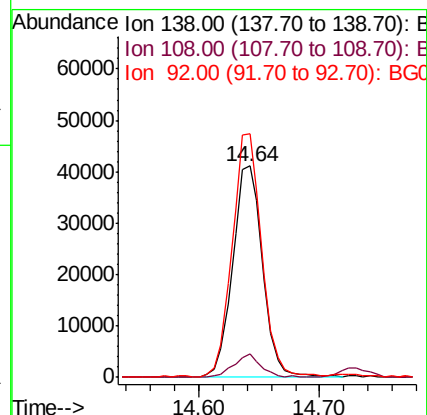
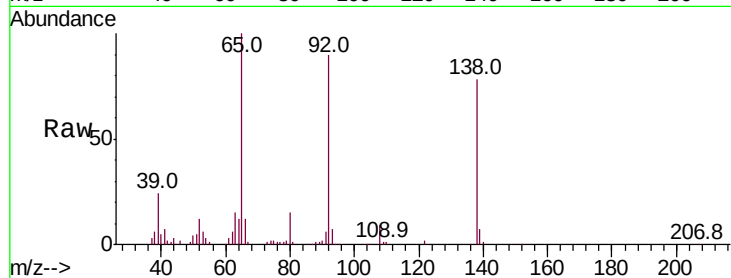
Tot Ion:138 Resp: 71001

Ion Ratio Lower Upper

138 100

108 11.0 11.0 16.6#

92 115.1 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 62.864 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

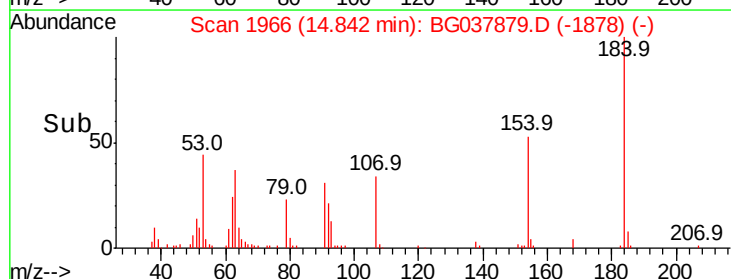
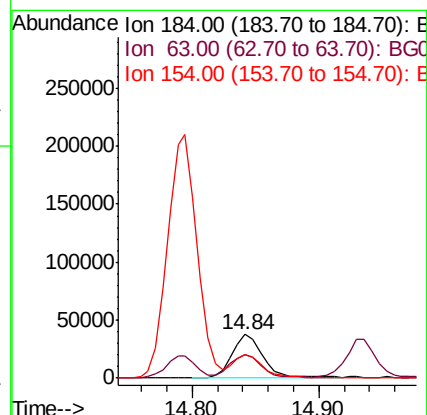
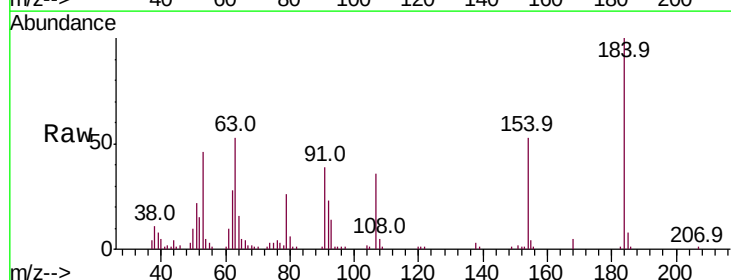
Tgt Ion:184 Resp: 64139

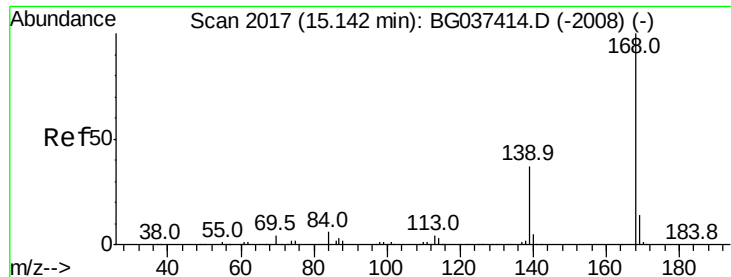
Ion Ratio Lower Upper

184 100

63 52.7 42.6 63.8

154 53.0 41.8 62.6

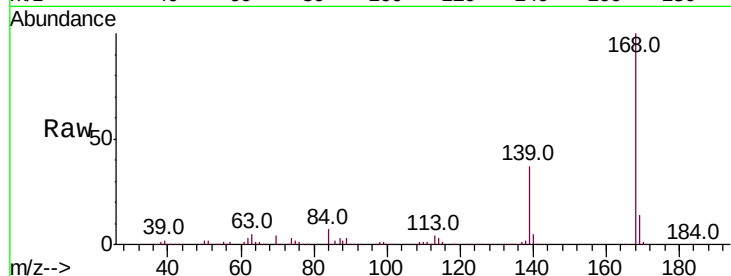




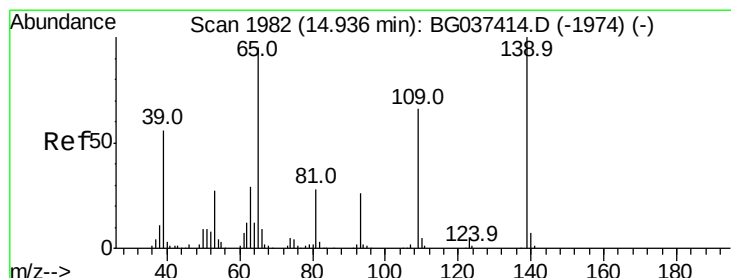
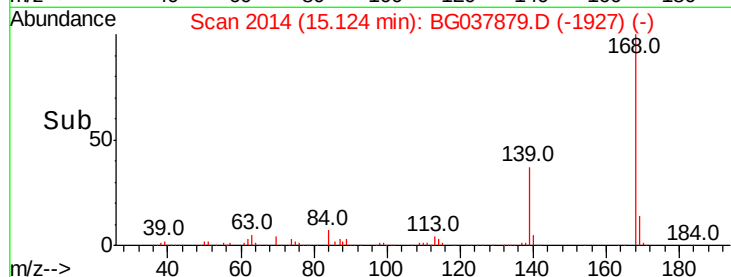
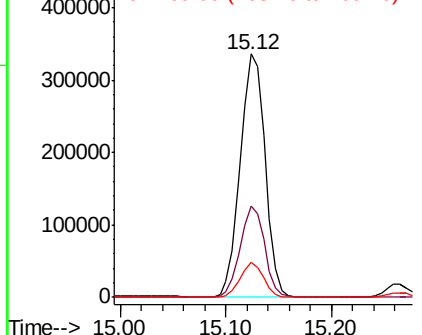
#55  
Dibenzofuran  
Concen: 36.351 ng  
RT: 15.12 min Scan# 2014  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

Tot Ion:168 Resp: 548239  
Ion Ratio Lower Upper  
168 100  
139 37.5 29.4 44.0  
169 14.2 11.0 16.6

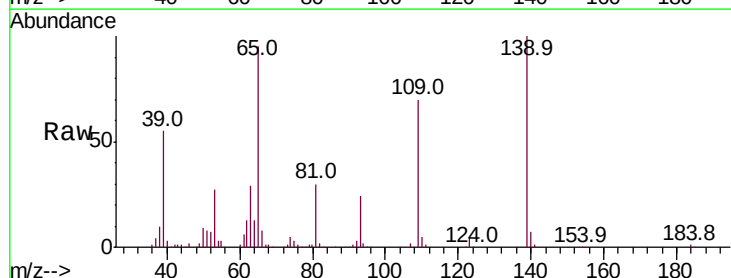


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

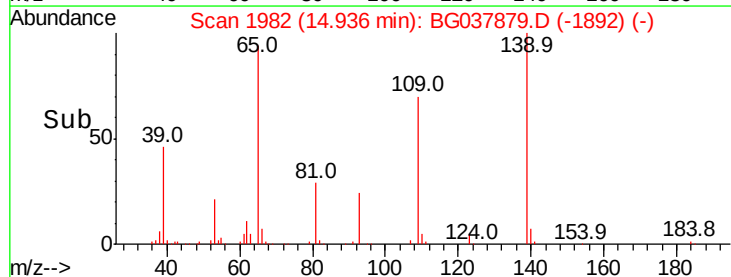
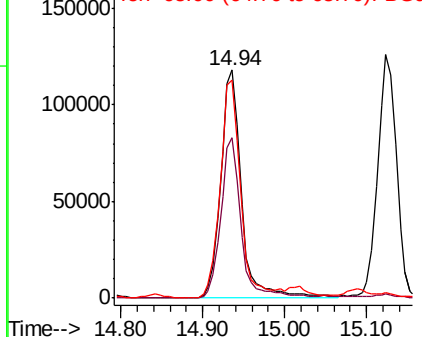


#56  
4-Nitrophenol  
Concen: 94.607 ng  
RT: 14.94 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

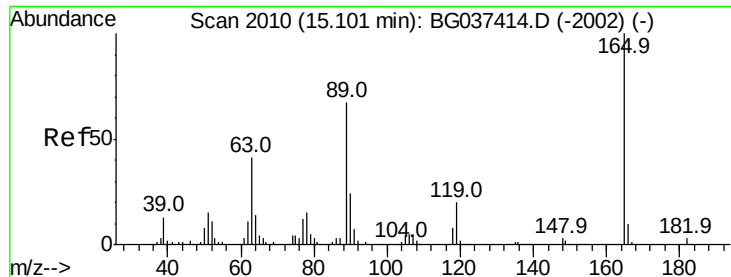
Tgt Ion:139 Resp: 208643  
Ion Ratio Lower Upper  
139 100  
109 70.5 49.5 89.5  
65 95.5 76.8 116.8



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







#57

2,4-Dinitrotoluene

Concen: 40.949 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

Tot Ion:165 Resp: 144261

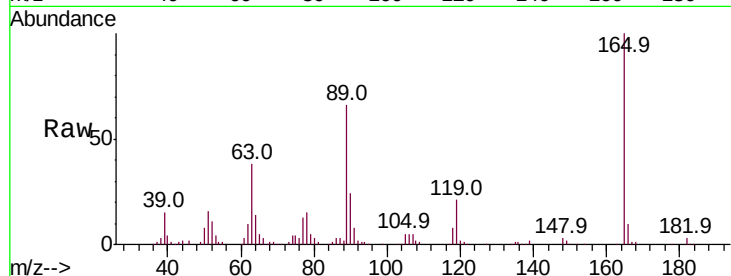
Ion Ratio Lower Upper

165 100

63 38.2 33.4 50.0

89 66.3 57.2 85.8

182 2.9 2.6 4.0

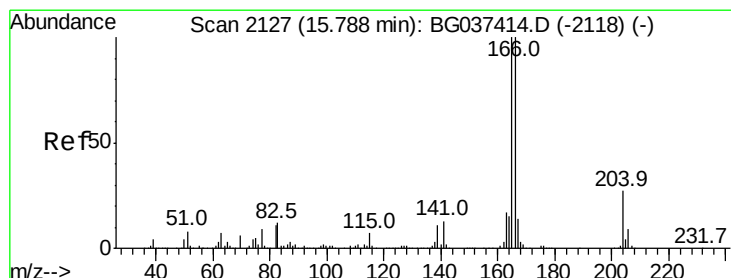
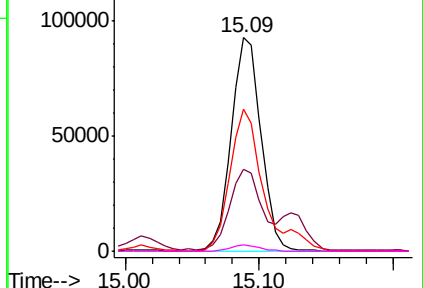
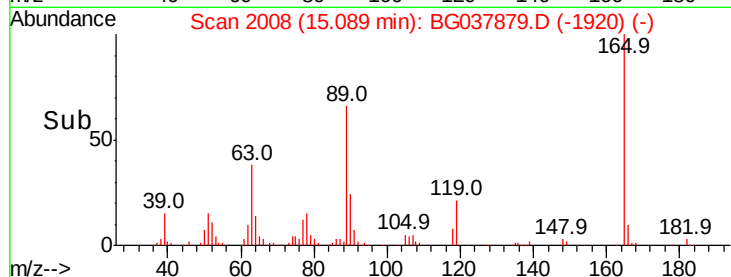


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.937 ng

RT: 15.78 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

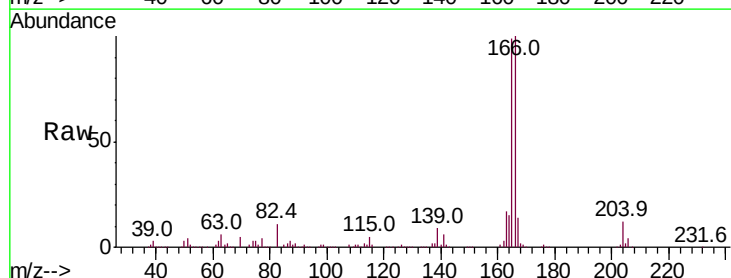
Tgt Ion:166 Resp: 439756

Ion Ratio Lower Upper

166 100

165 99.4 79.0 118.6

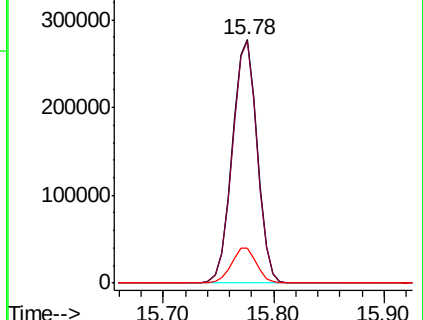
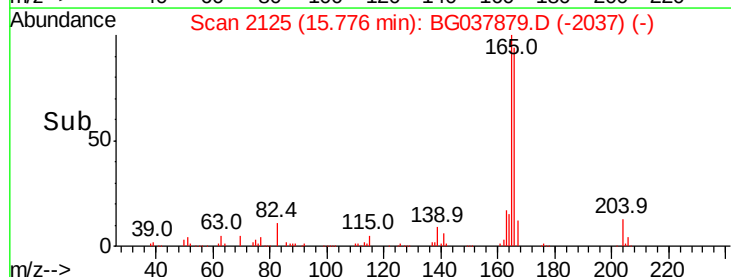
167 14.4 11.3 16.9

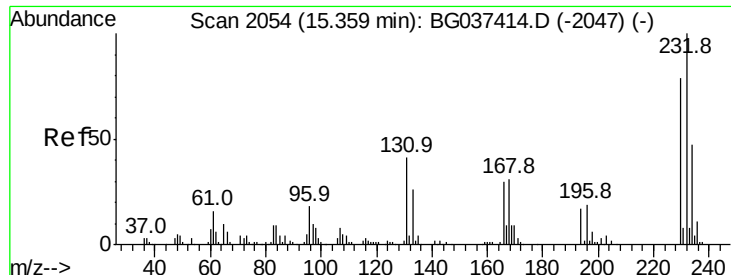


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.086 ng

RT: 15.35 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

Tot Ion:232 Resp: 123131

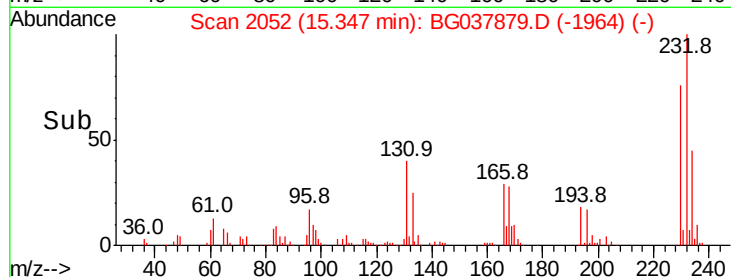
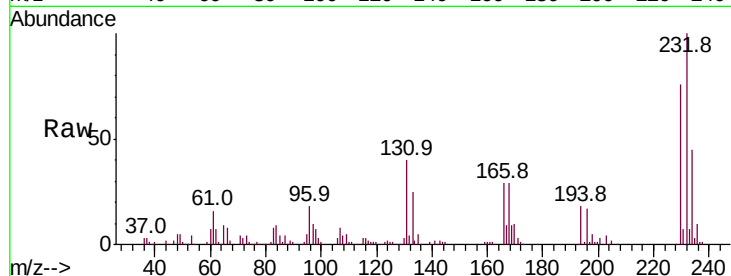
Ion Ratio Lower Upper

232 100

131 40.9 33.7 50.5

130 2.2 2.1 3.1

166 30.0 24.6 36.8

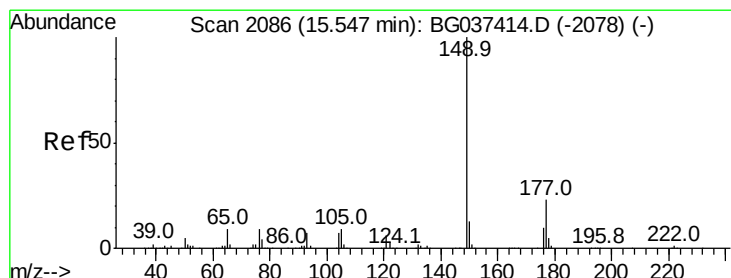
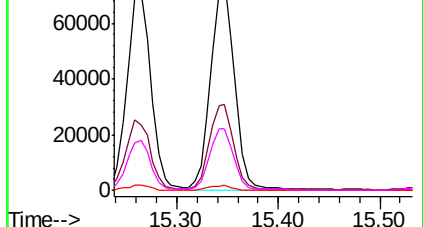


Abundance Ion 232.00 (231.70 to 232.70): E

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



#60

Diethylphthalate

Concen: 36.689 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

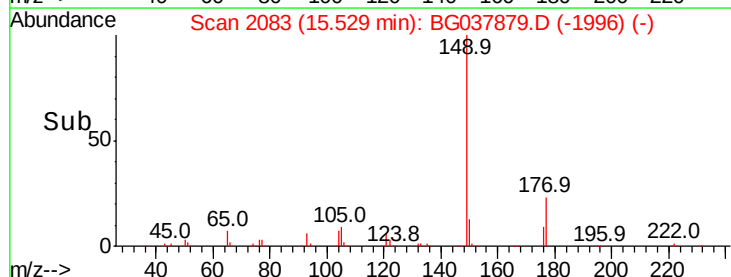
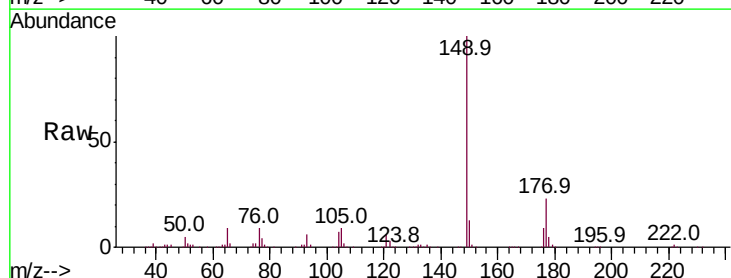
Tgt Ion:149 Resp: 456977

Ion Ratio Lower Upper

149 100

177 22.6 18.3 27.5

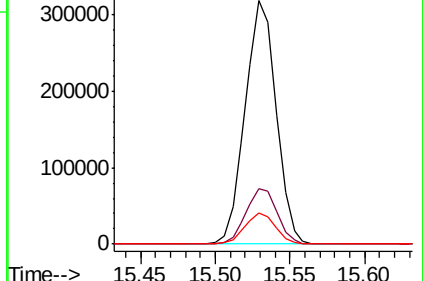
150 12.9 10.0 15.0

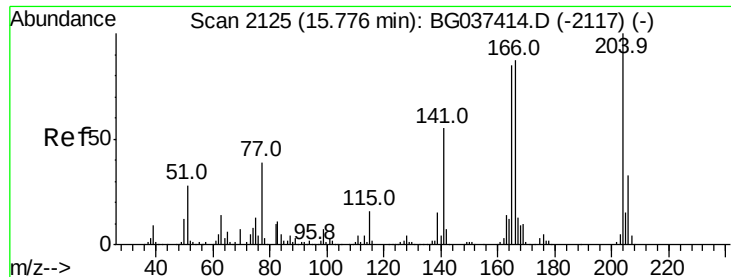


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

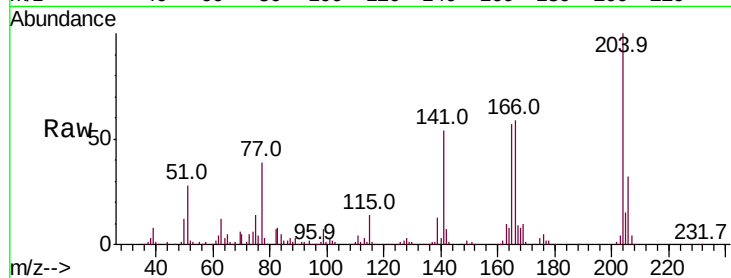




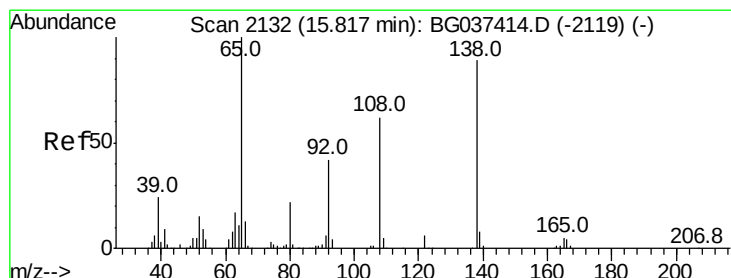
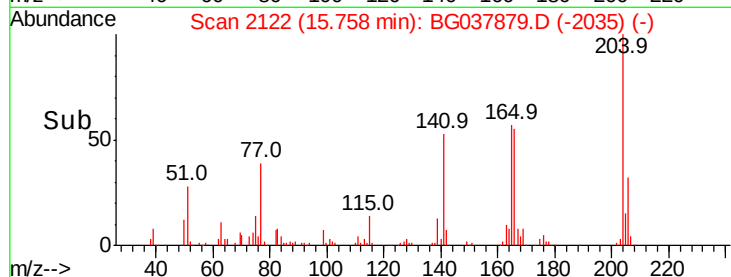
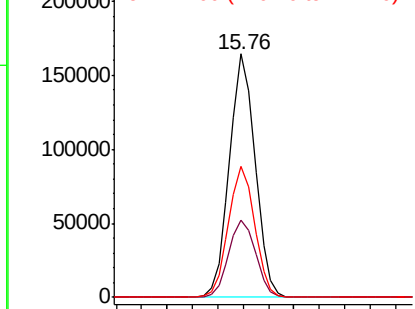
#61  
4-Chlorophenyl-phenylether  
Concen: 35.098 ng  
RT: 15.76 min Scan# 2122  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

Tot Ion:204 Resp: 231042  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.6 39.8  
141 53.6 45.4 68.2

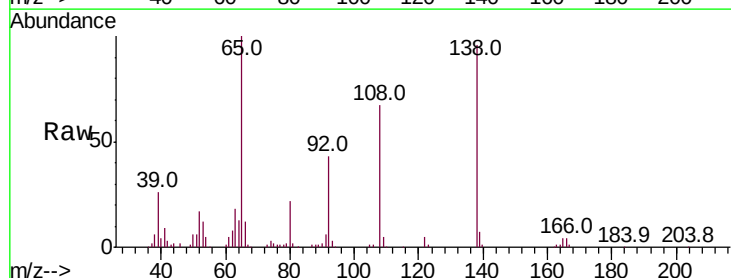


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

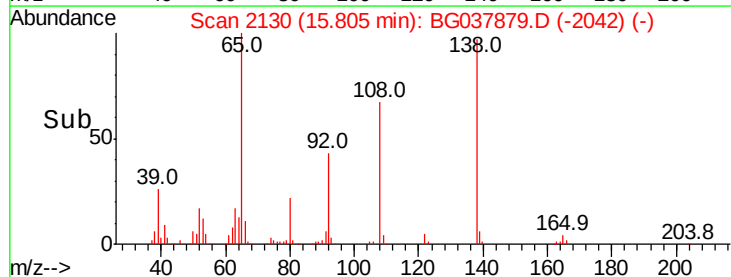
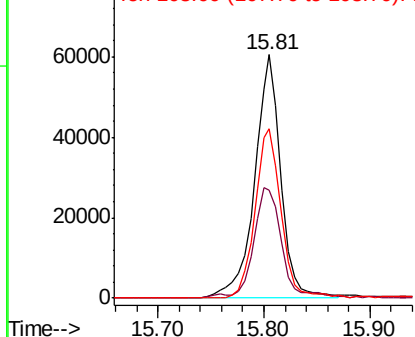


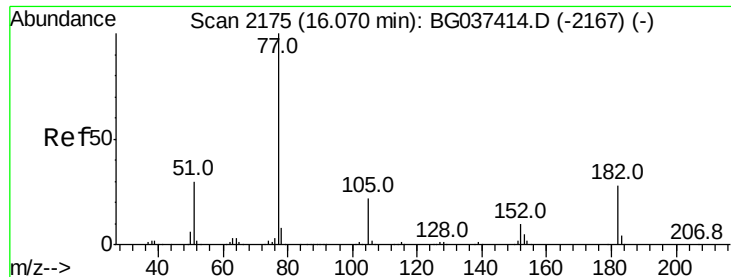
#62  
4-Nitroaniline  
Concen: 35.442 ng  
RT: 15.81 min Scan# 2130  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion:138 Resp: 104927  
Ion Ratio Lower Upper  
138 100  
92 44.2 36.4 76.4  
108 69.5 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.221 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

Tot Ion: 77 Resp: 430448

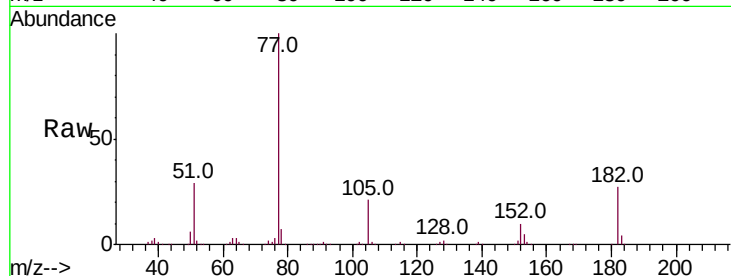
Ion Ratio Lower Upper

77 100

182 27.3 8.0 48.0

105 21.1 1.3 41.3

51 29.3 10.7 50.7

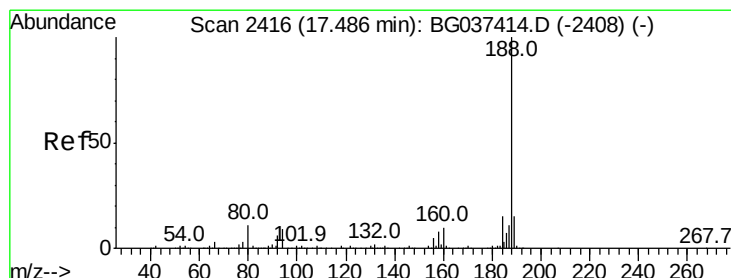
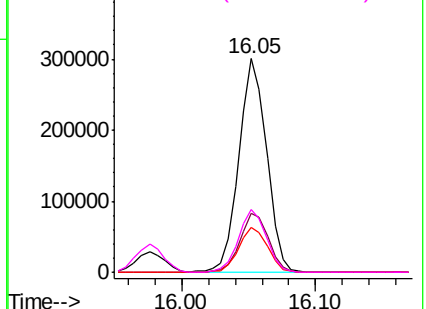
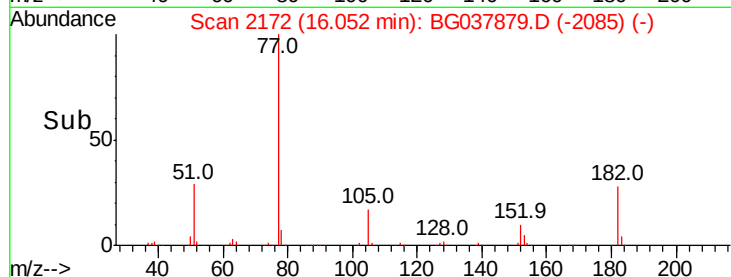


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

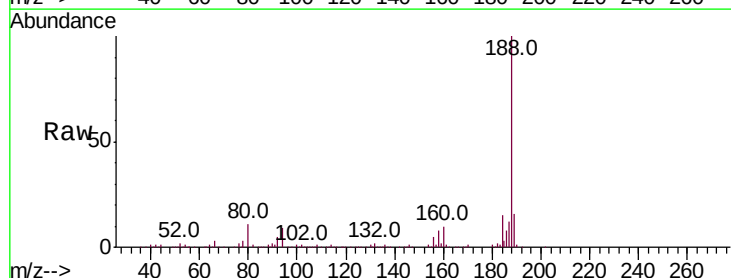
Tgt Ion: 188 Resp: 361854

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

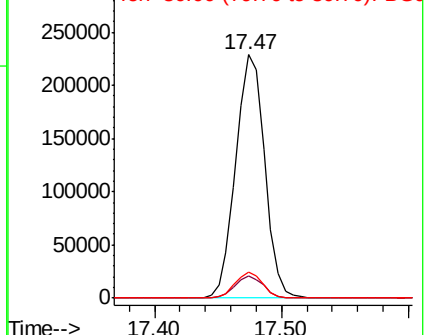
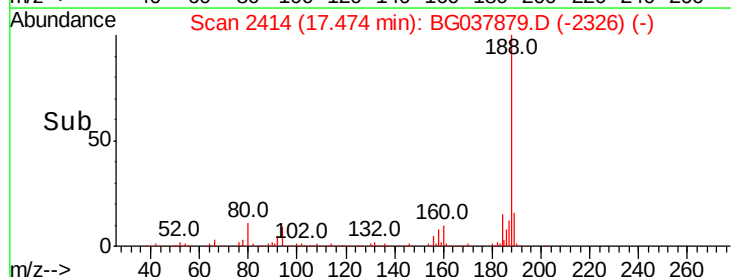
80 10.6 7.7 11.5

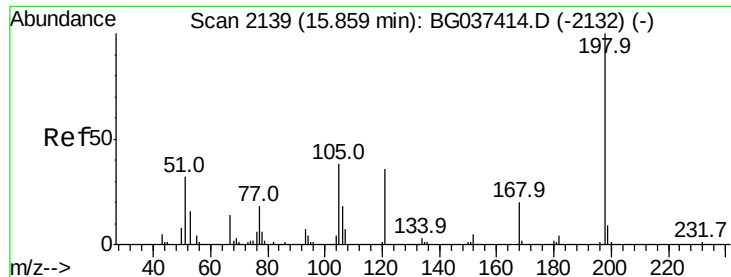


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

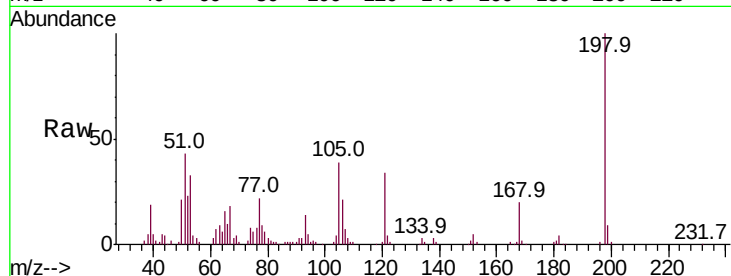




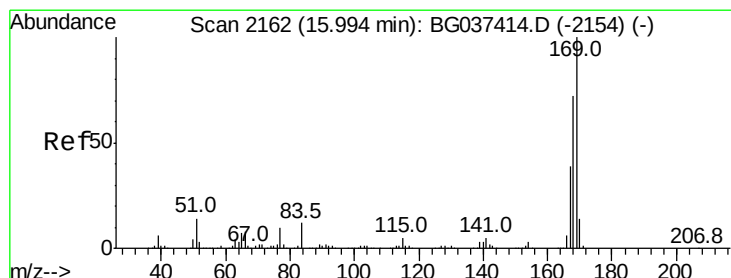
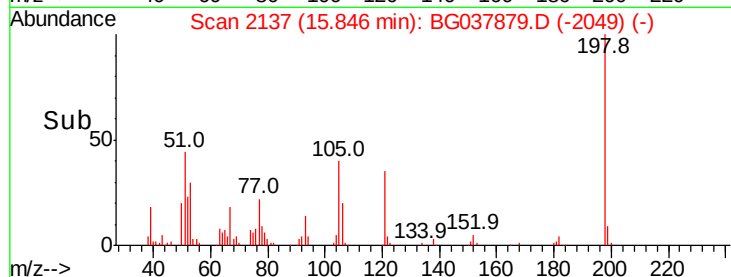
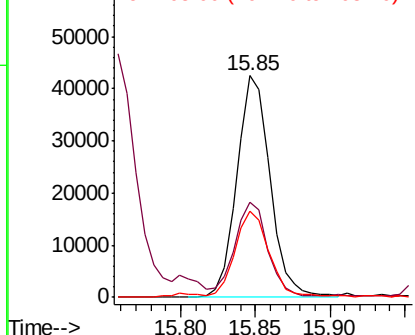
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 37.142 ng  
 RT: 15.85 min Scan# 2137  
 Delta R.T. -0.01 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114465BS

Tot Ion:198 Resp: 66085  
 Ion Ratio Lower Upper  
 198 100  
 51 43.1 22.7 62.7  
 105 38.8 19.7 59.7

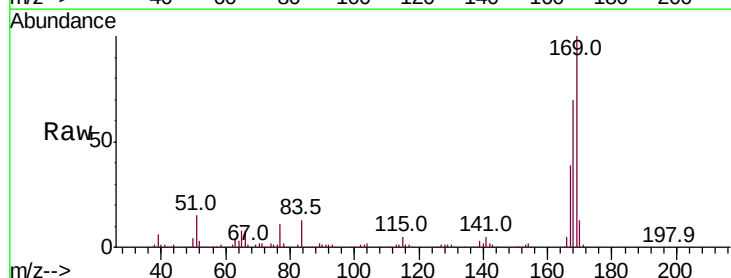


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

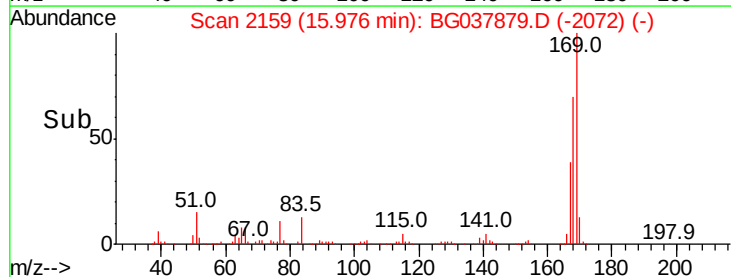
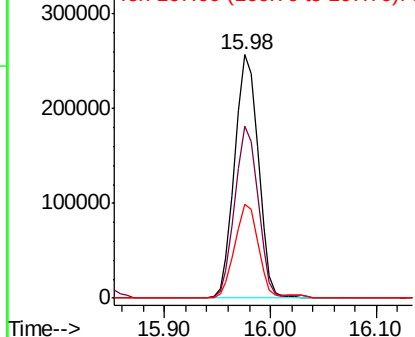


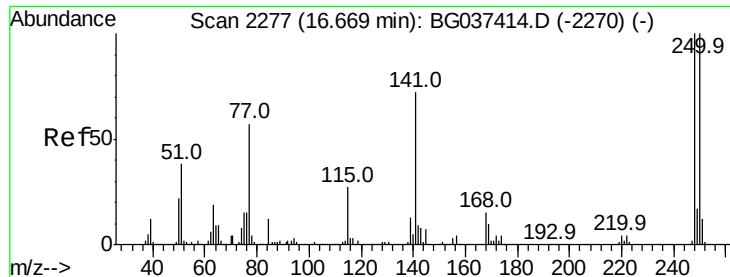
#66  
 n-Nitrosodiphenylamine  
 Concen: 36.520 ng  
 RT: 15.98 min Scan# 2159  
 Delta R.T. -0.02 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

Tgt Ion:169 Resp: 397502  
 Ion Ratio Lower Upper  
 169 100  
 168 70.4 55.7 83.5  
 167 38.8 31.3 46.9



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

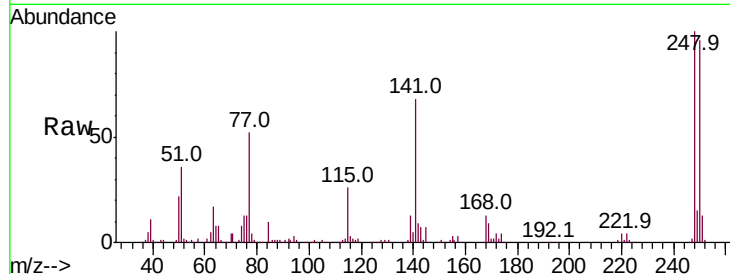




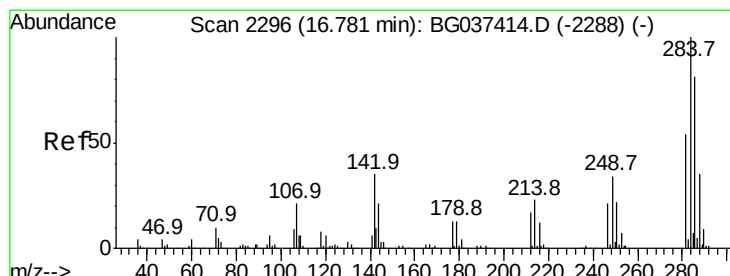
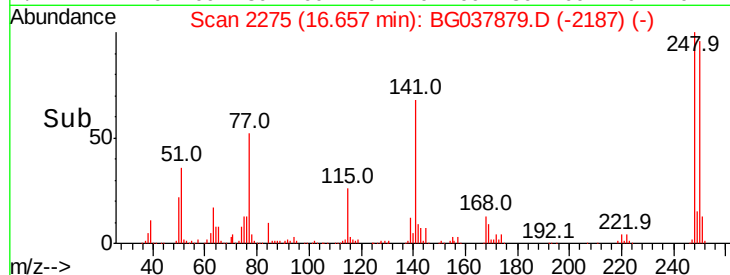
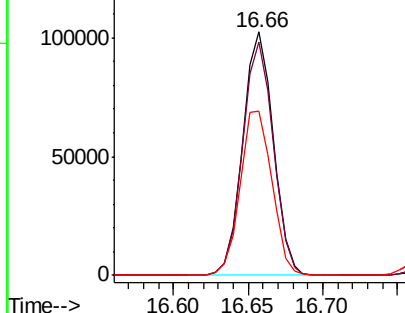
#67  
 4-Bromophenyl-phenylether  
 Concen: 36.512 ng  
 RT: 16.66 min Scan# 2275  
 Delta R.T. -0.01 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114465BS

Tot Ion:248 Resp: 145089  
 Ion Ratio Lower Upper  
 248 100  
 250 95.7 77.0 115.6  
 141 67.5 55.5 83.3

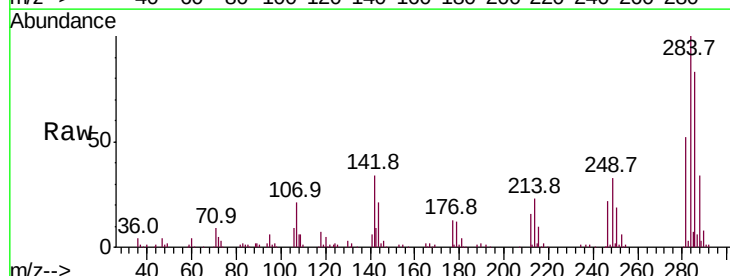


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

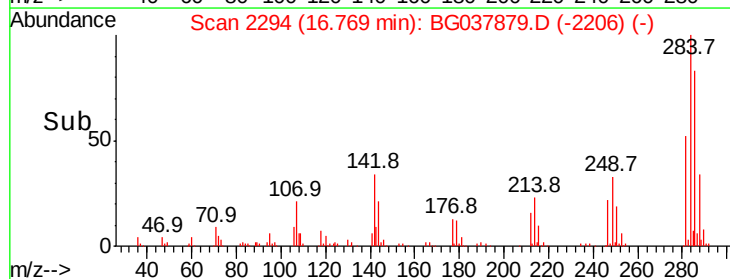
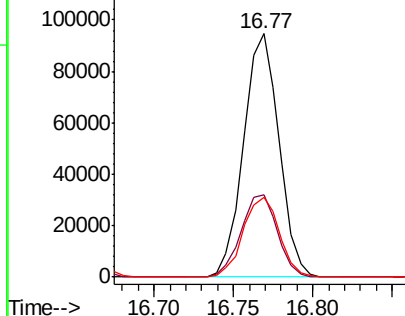


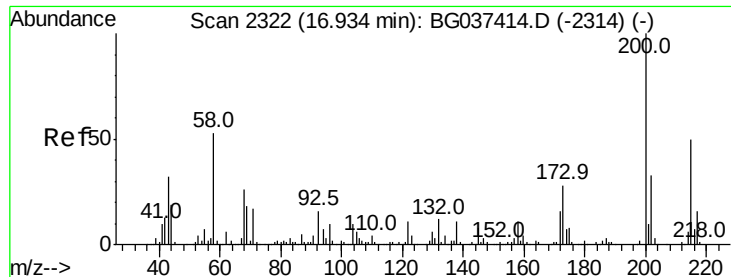
#68  
 Hexachlorobenzene  
 Concen: 35.628 ng  
 RT: 16.77 min Scan# 2294  
 Delta R.T. -0.01 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

Tgt Ion:284 Resp: 146730  
 Ion Ratio Lower Upper  
 284 100  
 142 33.9 28.1 42.1  
 249 35.2 29.8 44.8



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





#69

Atrazine

Concen: 37.630 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

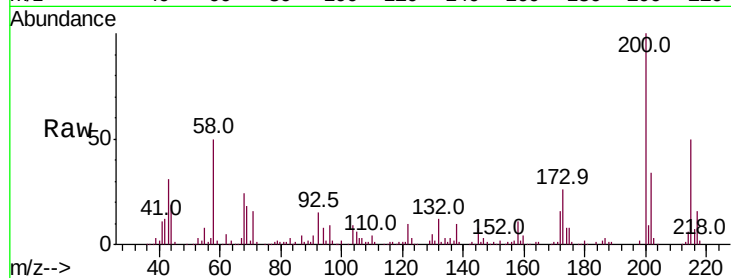
Tot Ion:200 Resp: 148087

Ion Ratio Lower Upper

200 100

173 26.5 6.1 46.1

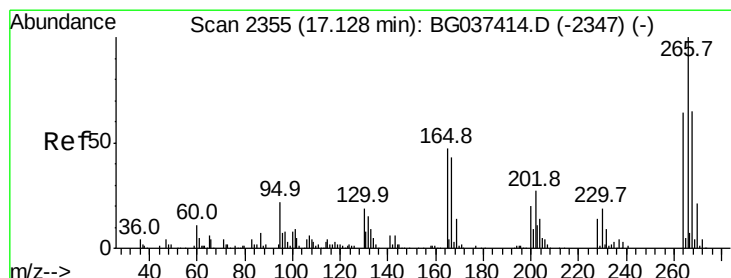
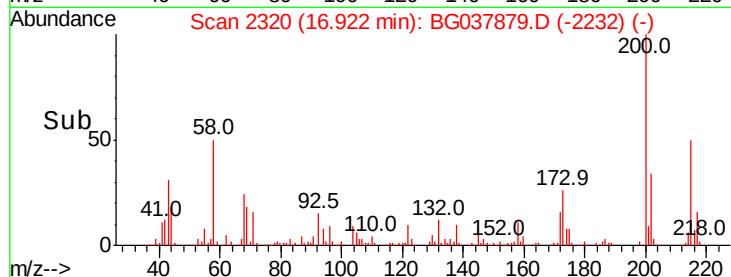
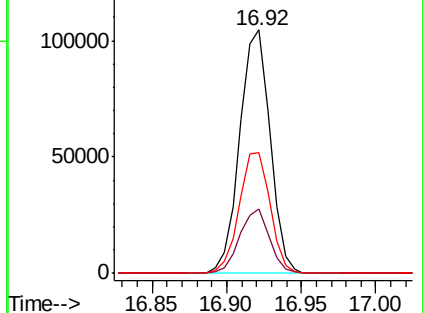
215 49.7 30.8 70.8



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



#70

Pentachlorophenol

Concen: 57.691 ng

RT: 17.12 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

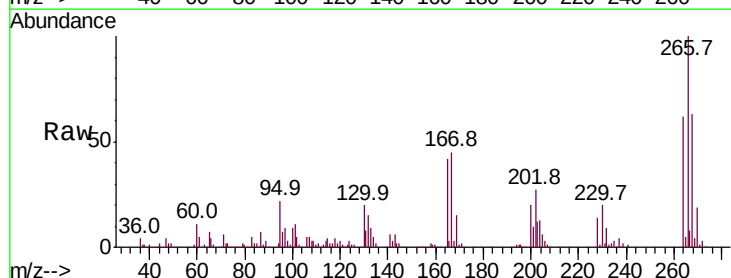
Tgt Ion:266 Resp: 159150

Ion Ratio Lower Upper

266 100

268 67.2 55.0 82.6

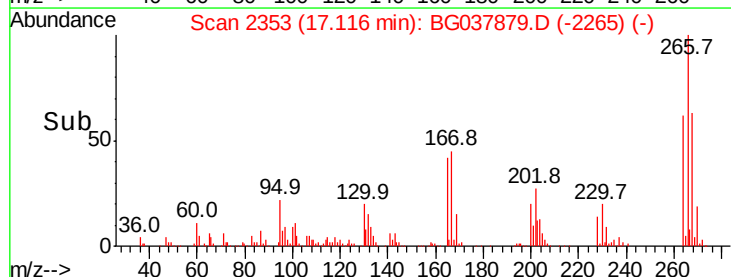
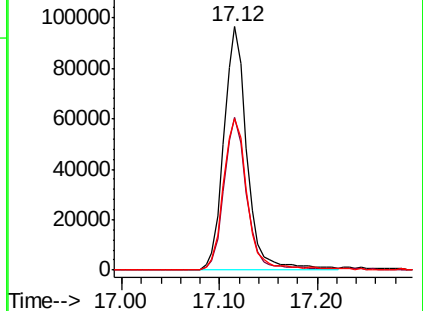
264 67.5 58.9 88.3

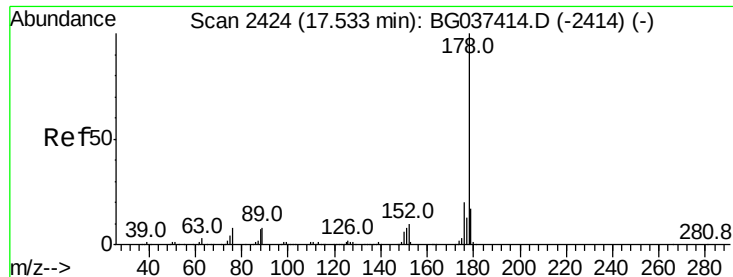


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

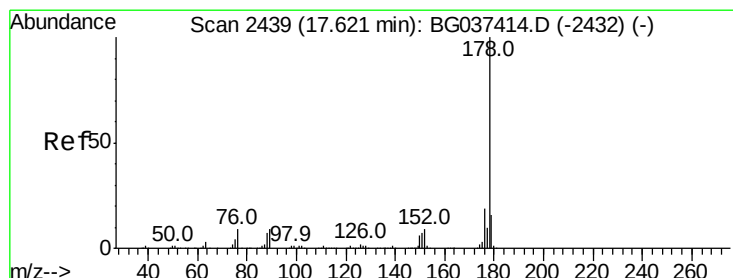
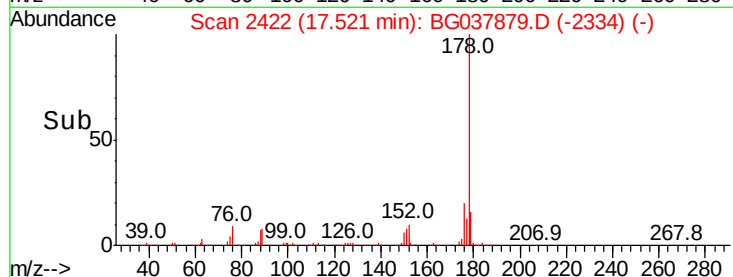
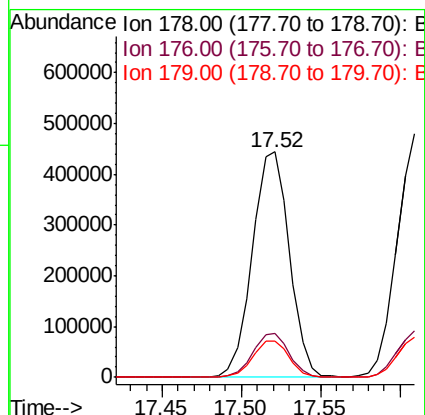
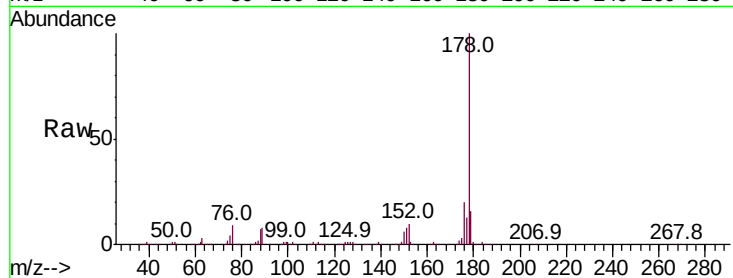




#71  
Phenanthrene  
Concen: 39.239 ng  
RT: 17.52 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

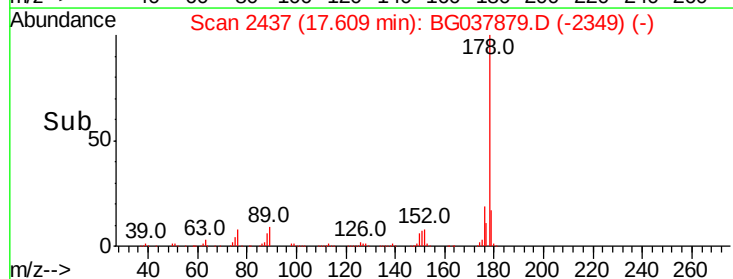
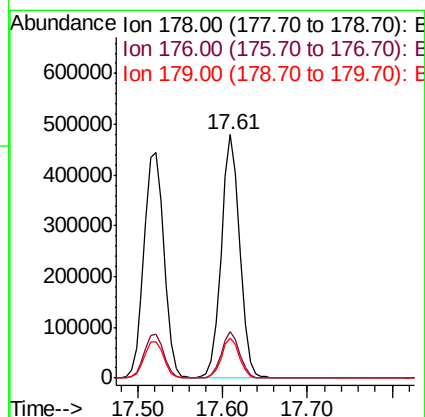
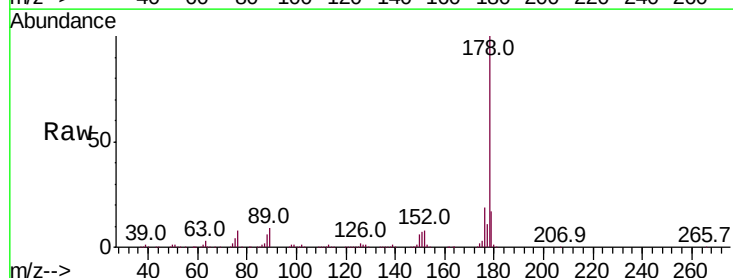
Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

Tot Ion:178 Resp: 721625  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.1 24.1  
179 16.1 13.0 19.4

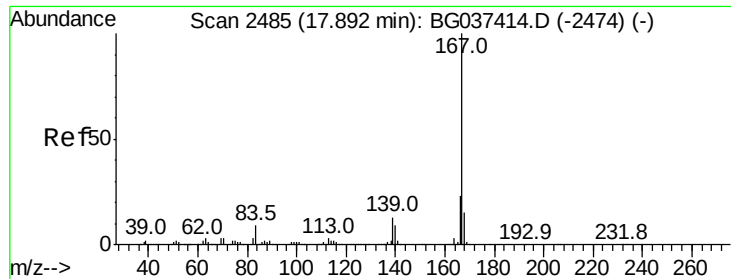


#72  
Anthracene  
Concen: 40.533 ng  
RT: 17.61 min Scan# 2437  
Delta R.T. -0.01 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion:178 Resp: 731521  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.0 22.4  
179 16.5 12.8 19.2







#73

Carbazole

Concen: 36.005 ng

RT: 17.88 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

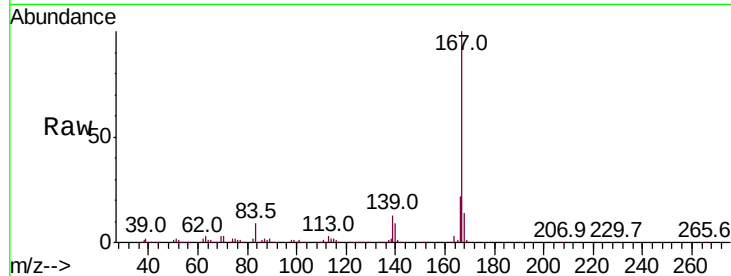
Tot Ion:167 Resp: 650007

Ion Ratio Lower Upper

167 100

166 22.2 18.3 27.5

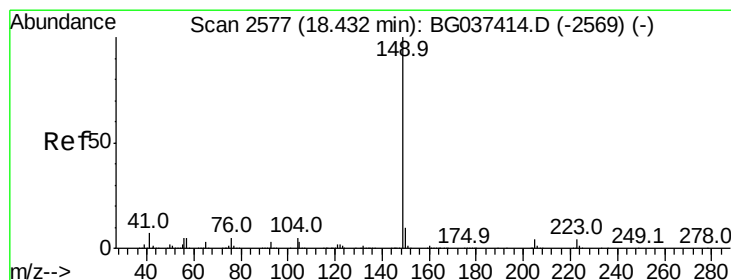
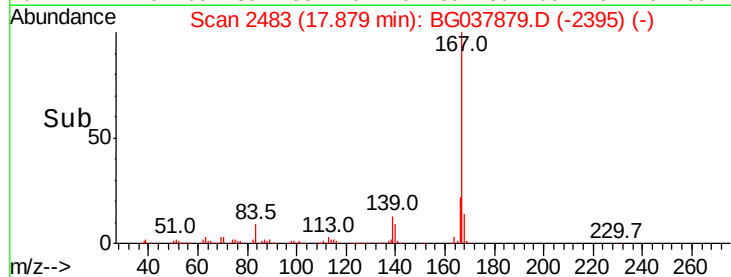
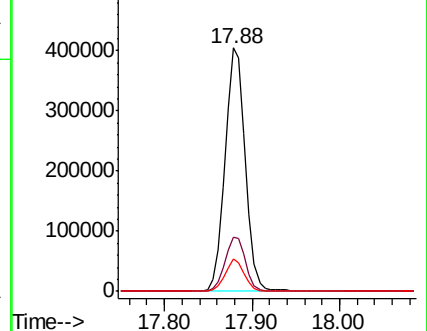
139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.883 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

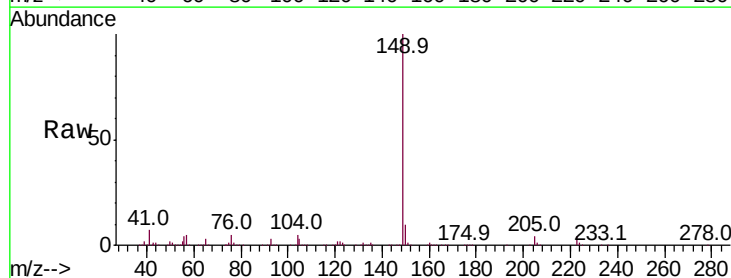
Tgt Ion:149 Resp: 780861

Ion Ratio Lower Upper

149 100

150 10.2 8.2 12.2

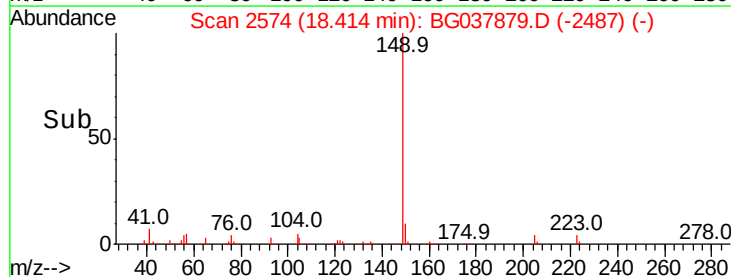
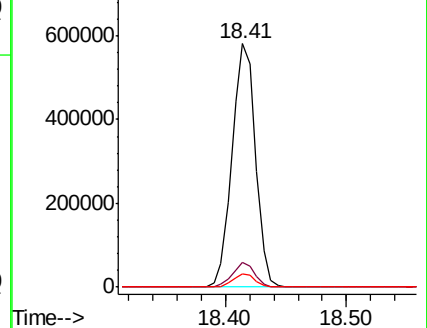
104 5.2 4.0 6.0

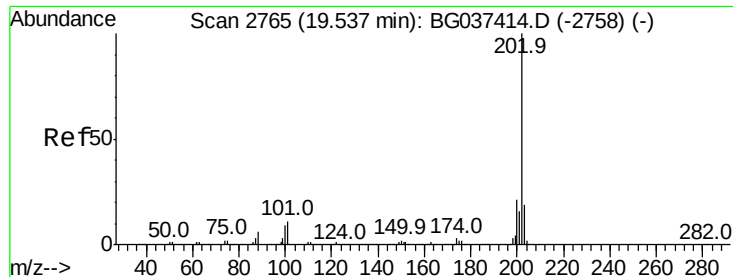


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.729 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

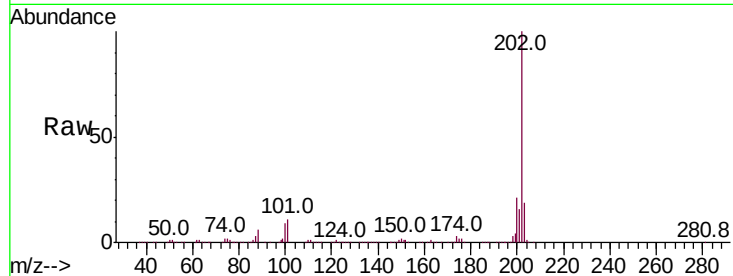
Tot Ion:202 Resp: 828672

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.7

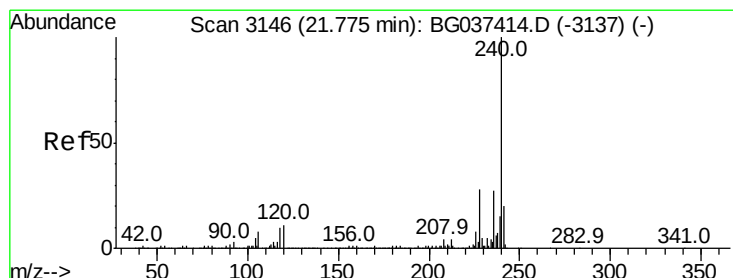
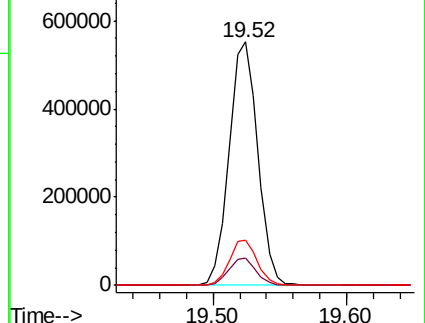
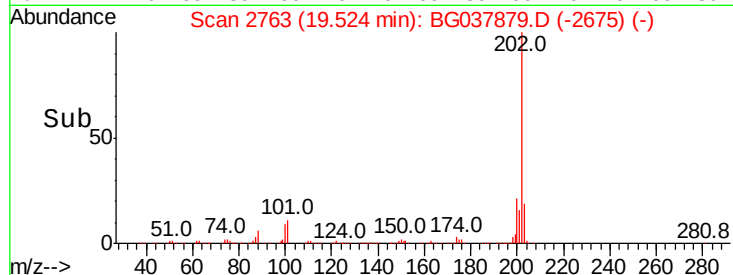
203 18.7 0.0 38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

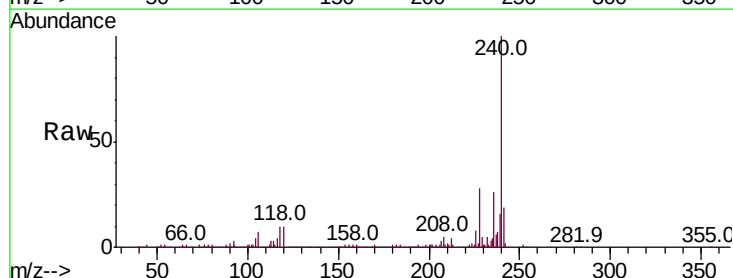
Tgt Ion:240 Resp: 326625

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

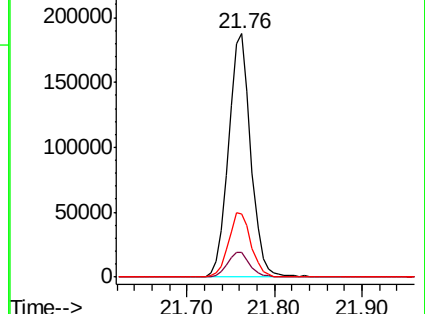
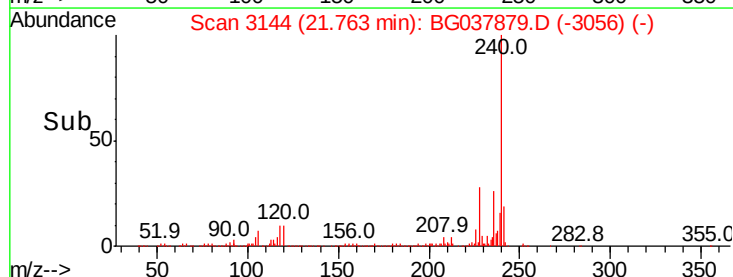
236 25.7 21.4 32.0

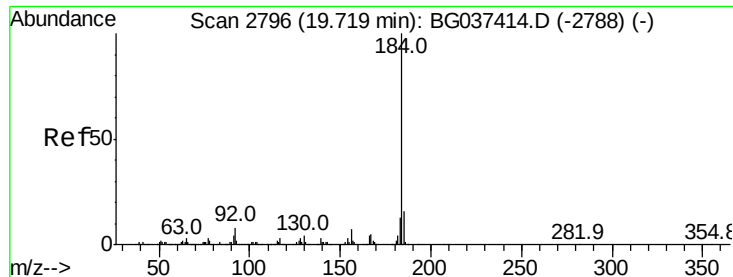


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.401 ng

RT: 19.71 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

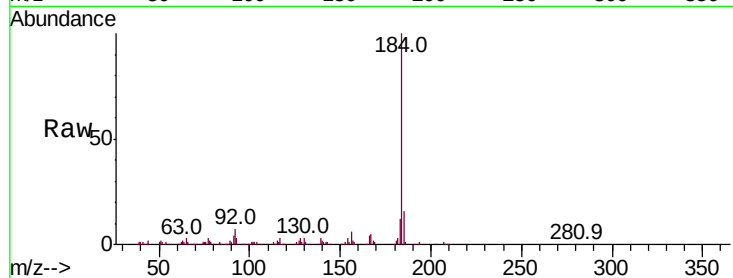
Tot Ion:184 Resp: 137724

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.8  | 12.6  | 18.8  |
| 183 | 11.6  | 10.2  | 15.2  |

184 100

185 15.8 12.6 18.8

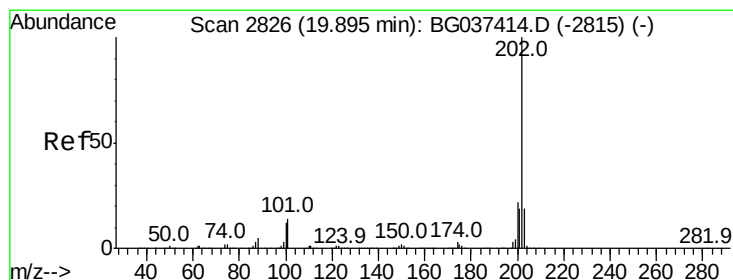
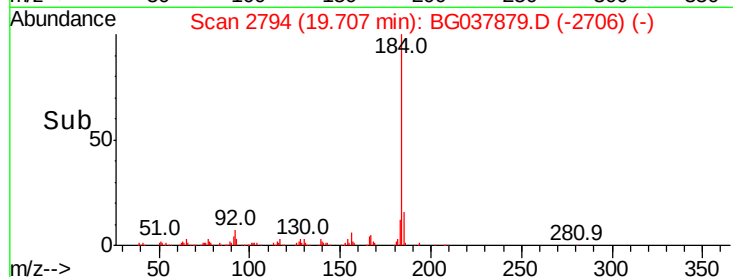
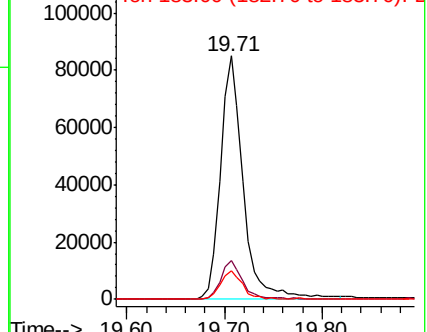
183 11.6 10.2 15.2



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



#78

Pyrene

Concen: 38.733 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

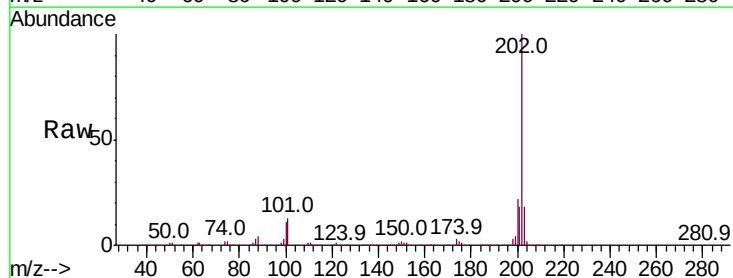
Tgt Ion:202 Resp: 827015

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.1  | 17.8  | 26.6  |
| 203 | 18.3  | 15.2  | 22.8  |

202 100

200 22.1 17.8 26.6

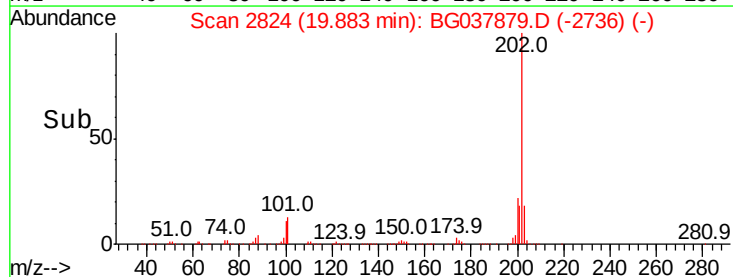
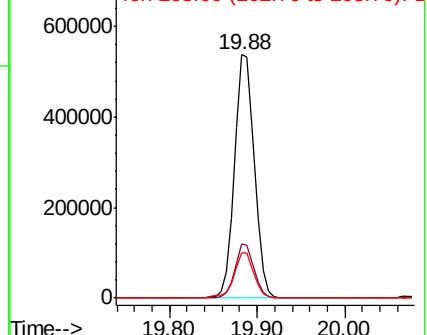
203 18.3 15.2 22.8

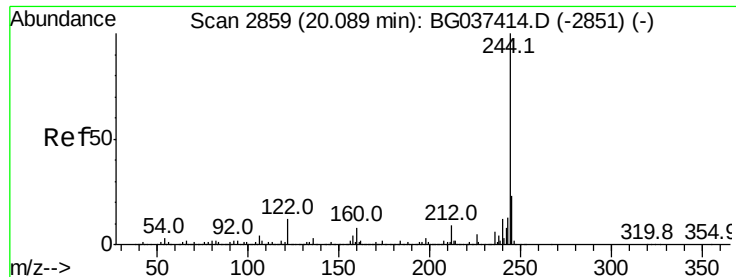


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.087 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

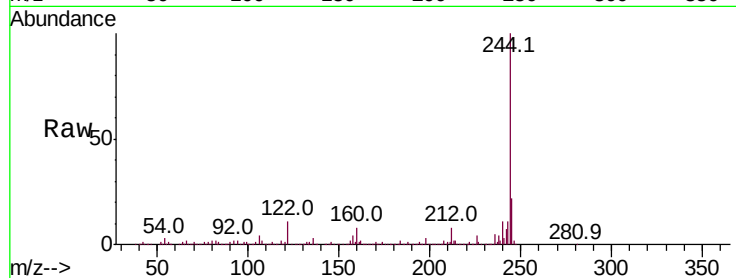
Tot Ion:244 Resp: 1193628

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

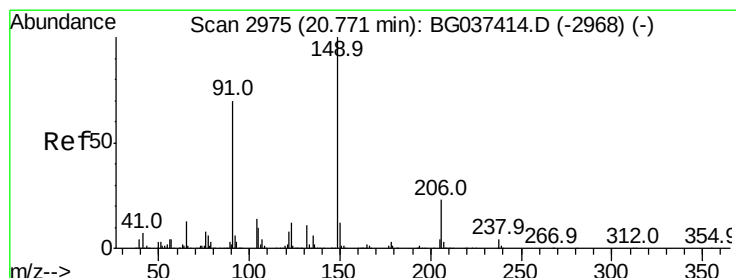
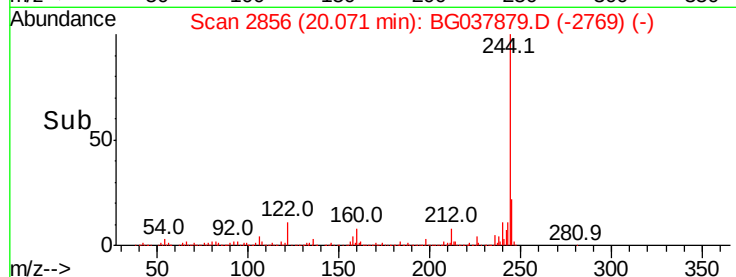
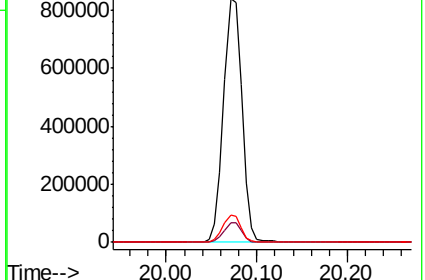
122 11.1 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 40.058 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

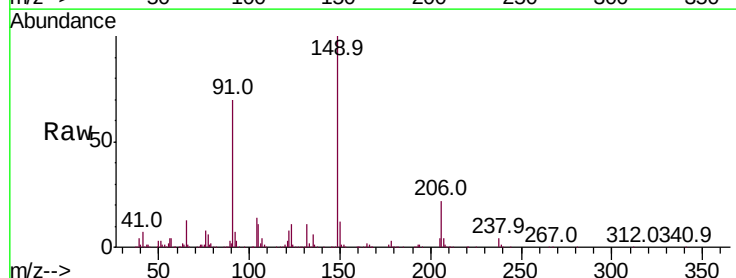
Tgt Ion:149 Resp: 350046

Ion Ratio Lower Upper

149 100

91 70.2 57.0 85.4

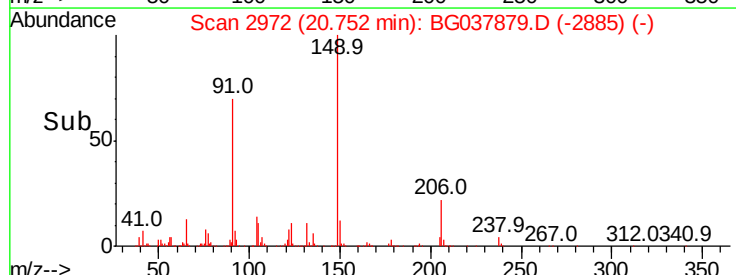
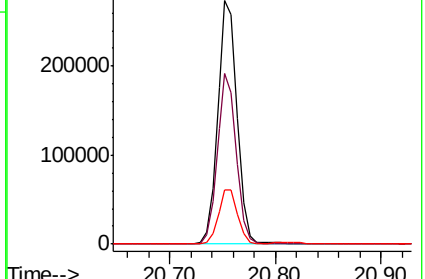
206 22.4 17.8 26.6

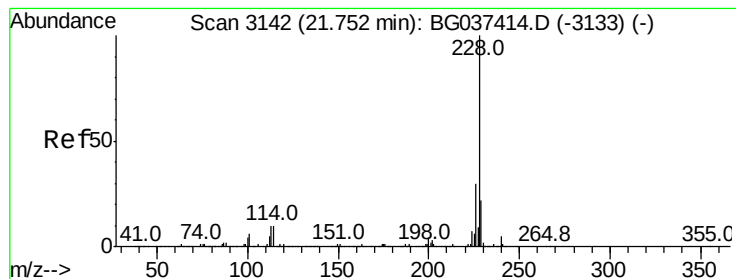


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.624 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

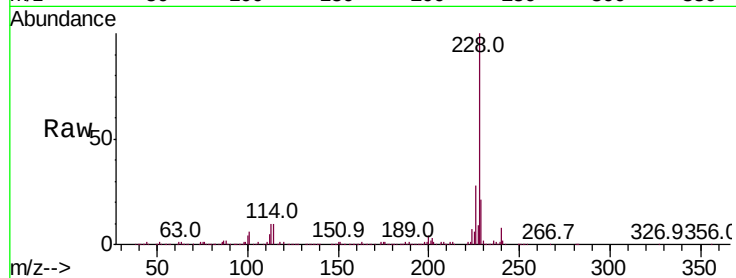
Tot Ion:228 Resp: 765524

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

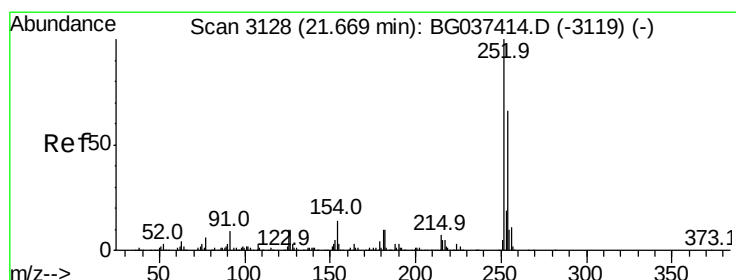
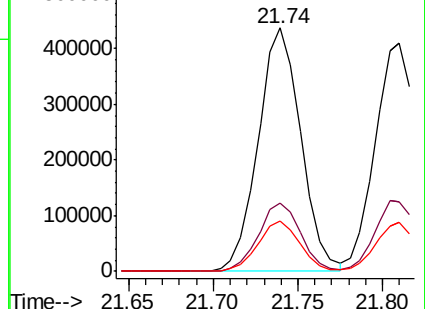
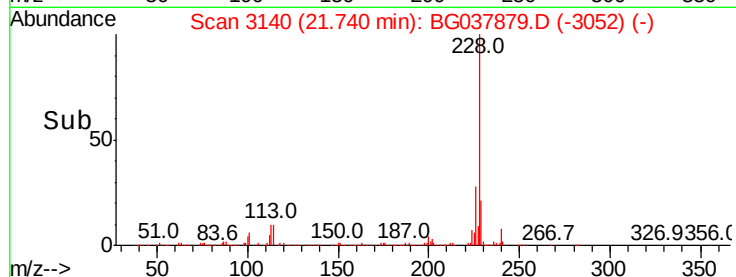
229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.265 ng

RT: 21.66 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

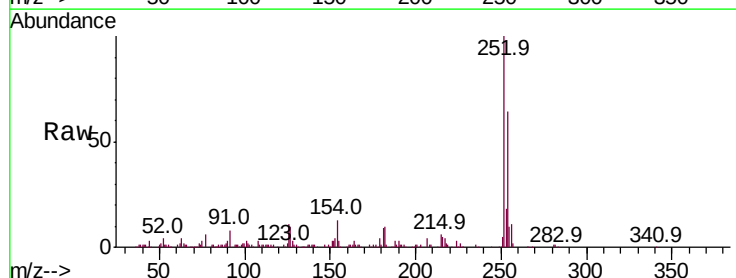
Tgt Ion:252 Resp: 151750

Ion Ratio Lower Upper

252 100

254 63.8 52.0 78.0

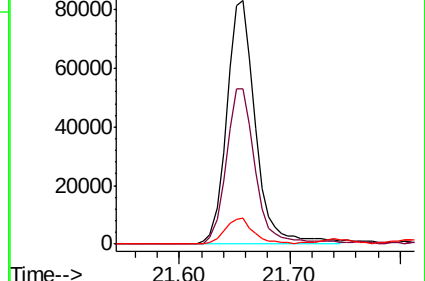
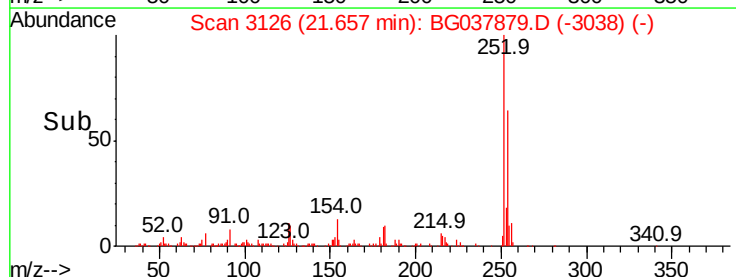
126 10.9 8.2 12.4

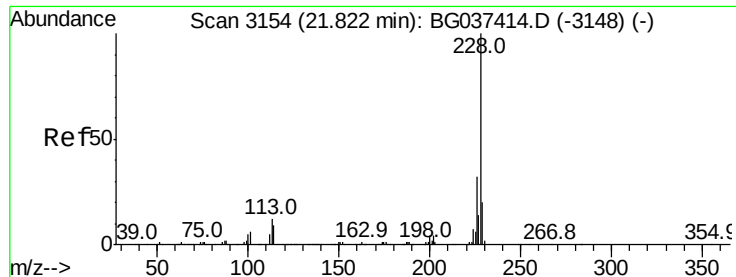


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.587 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

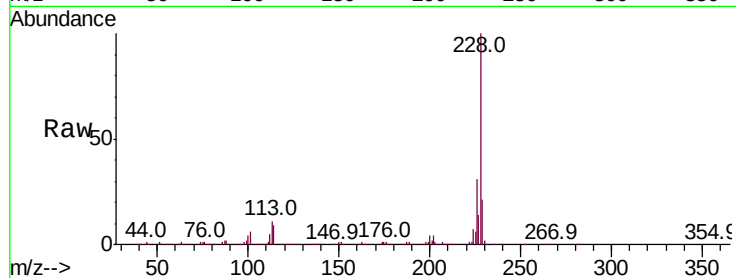
BNA\_G

ClientSampleId :

PB114465BS

Tot Ion:228 Resp: 716840

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.7  | 25.7  | 38.5  |
| 229 | 21.2  | 16.5  | 24.7  |

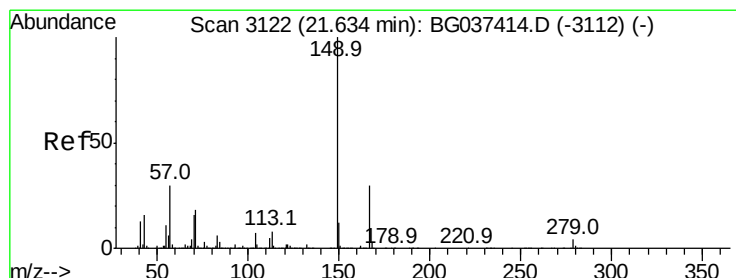
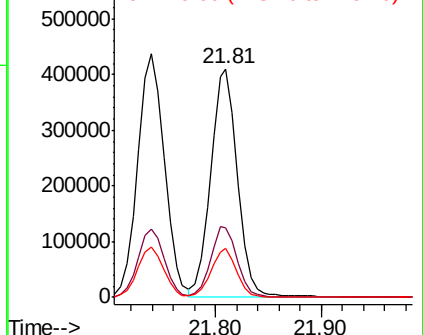
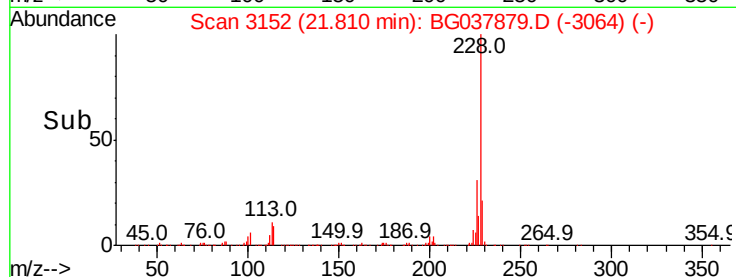


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.424 ng

RT: 21.61 min Scan# 3118

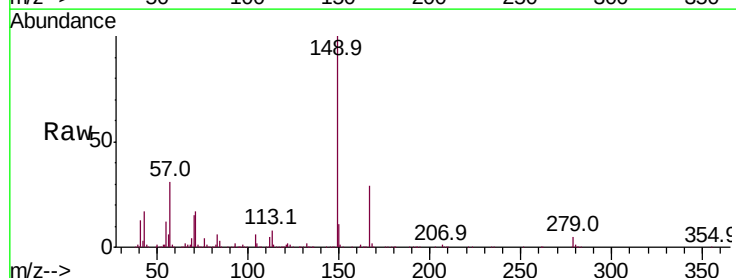
Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Tgt Ion:149 Resp: 495151

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.4  | 23.0  | 34.4  |
| 279 | 4.6   | 3.6   | 5.4   |

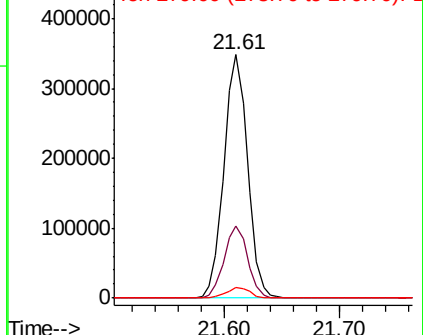
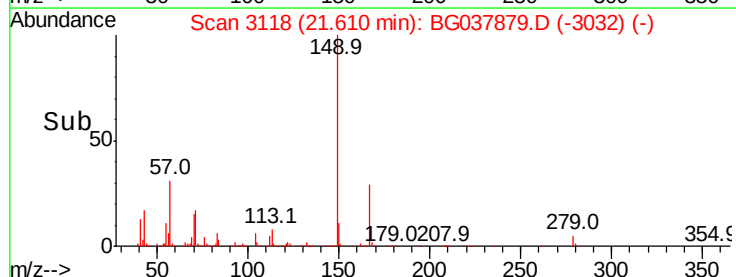


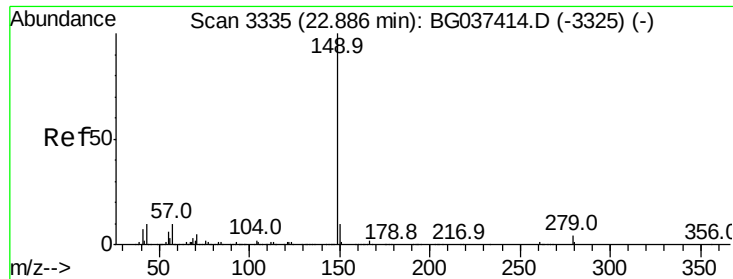
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.894 ng

RT: 22.85 min Scan# 3329

Delta R.T. -0.04 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

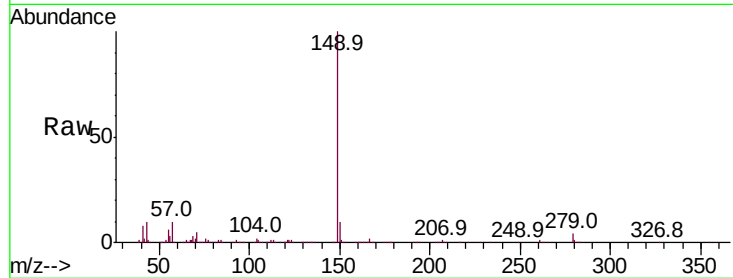
Tot Ion:149 Resp: 836790

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

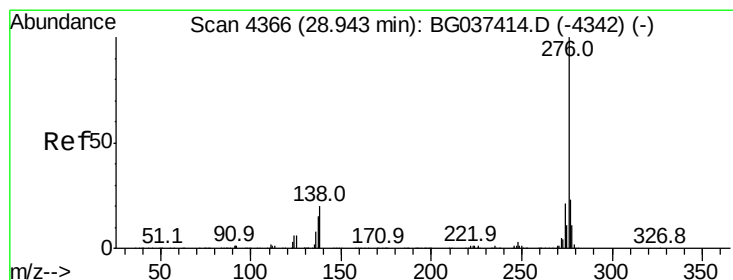
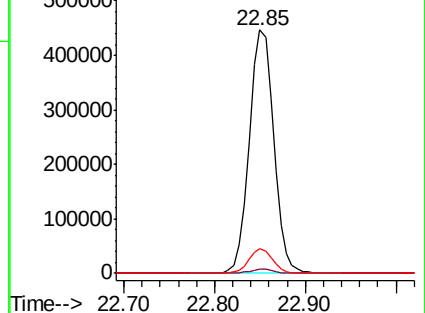
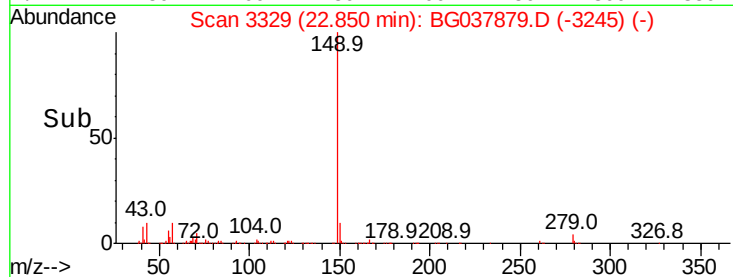
43 9.8 8.7 13.1



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.704 ng

RT: 28.90 min Scan# 4358

Delta R.T. -0.05 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

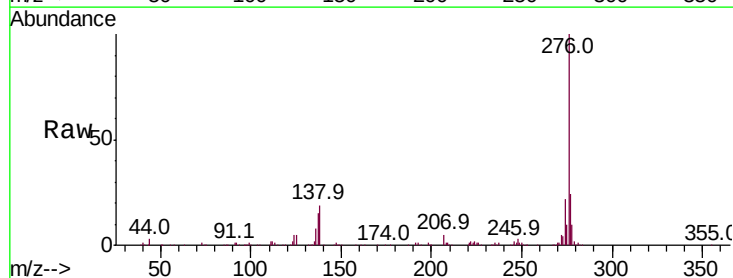
Tgt Ion:276 Resp: 711406

Ion Ratio Lower Upper

276 100

138 15.9 12.0 18.0

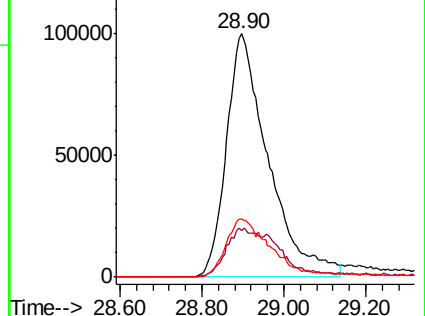
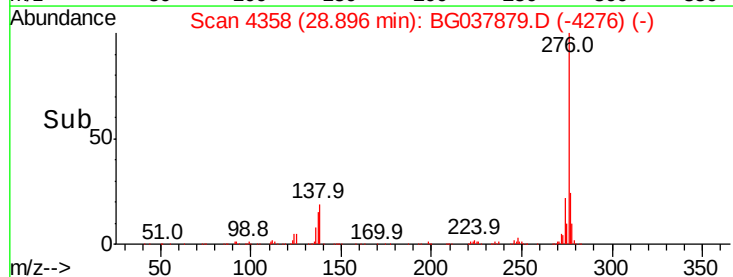
277 24.8 20.6 30.8

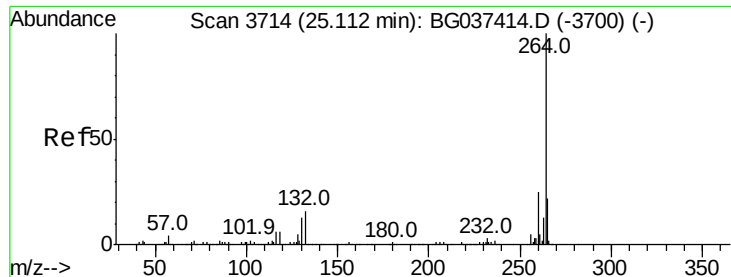


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

PB114465BS

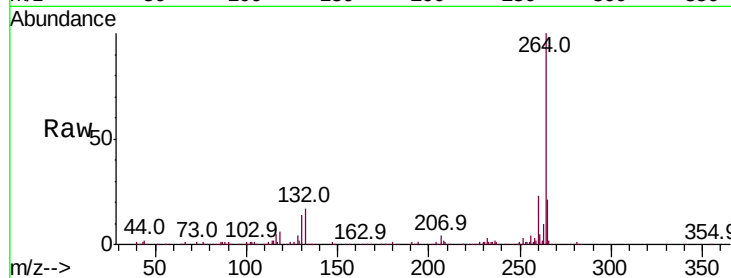
Tot Ion:264 Resp: 332503

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

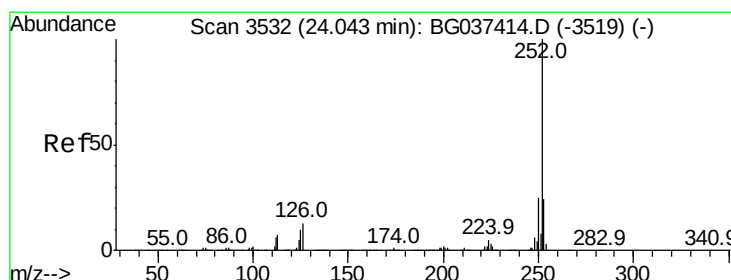
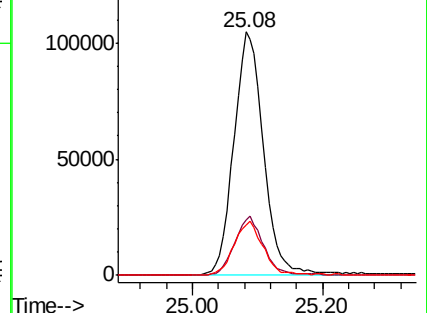
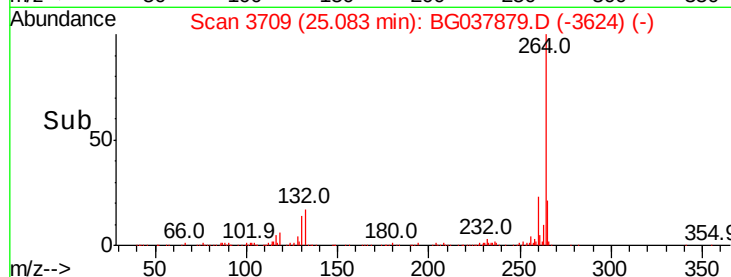
265 20.7 17.9 26.9



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



#88

Benzo(b)fluoranthene

Concen: 39.862 ng

RT: 24.02 min Scan# 3528

Delta R.T. -0.02 min

Lab File: BG037879.D

Acq: 8 Nov 2018 00:33

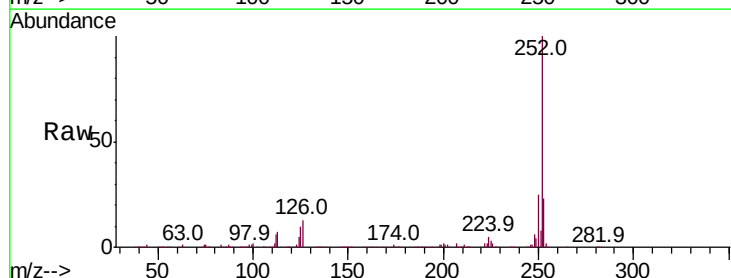
Tgt Ion:252 Resp: 726647

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

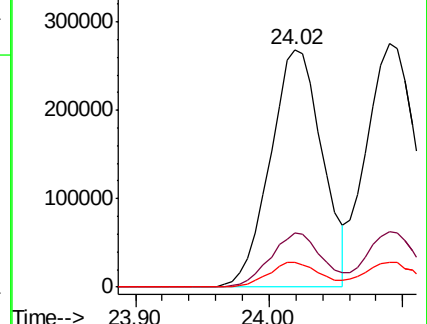
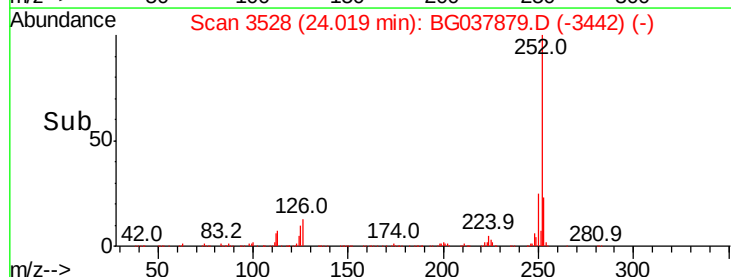
125 10.3 7.8 11.6



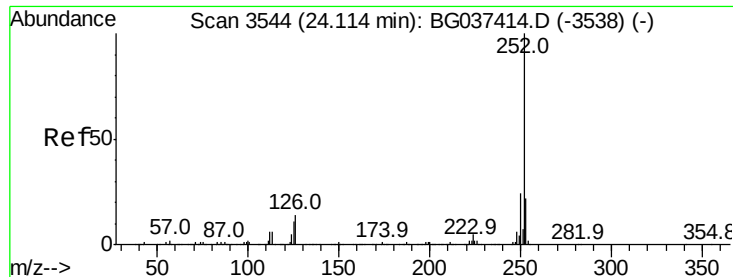
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



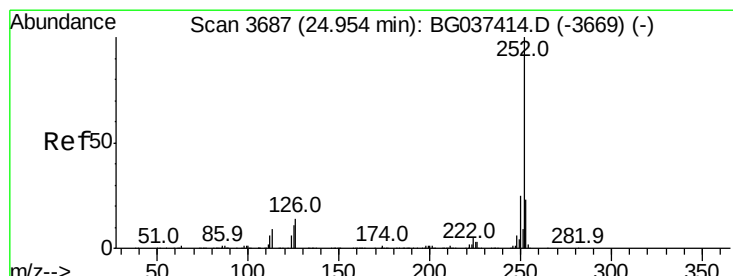
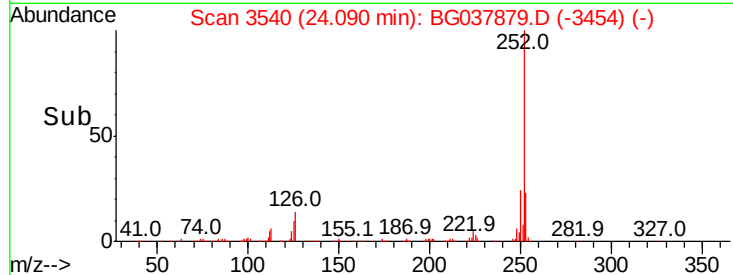
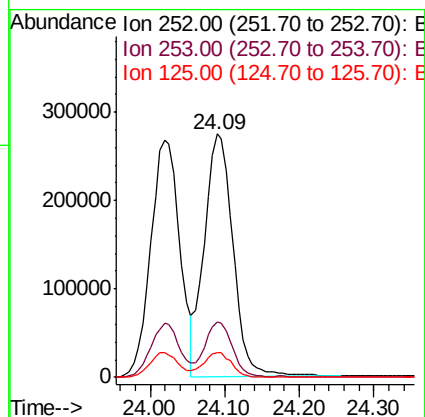
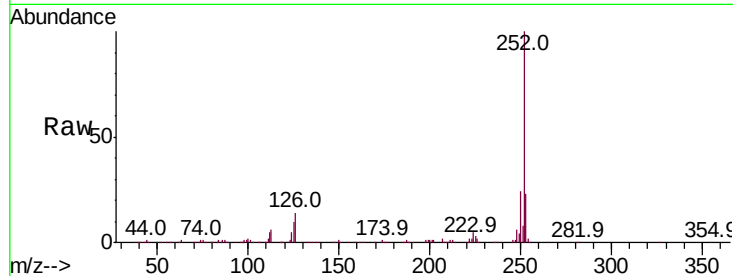




#89  
Benzo(k)fluoranthene  
Concen: 41.055 ng  
RT: 24.09 min Scan# 3540  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

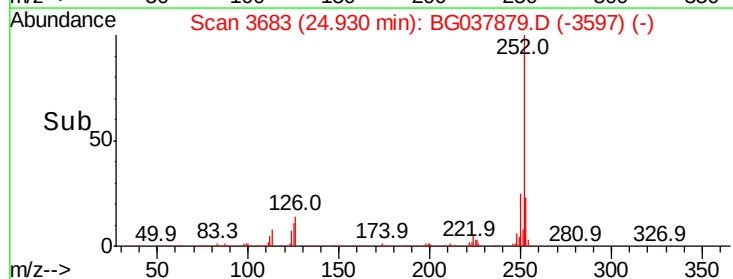
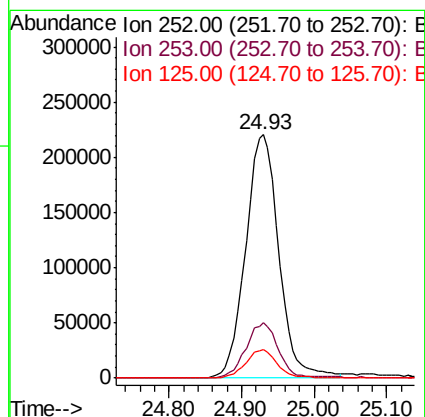
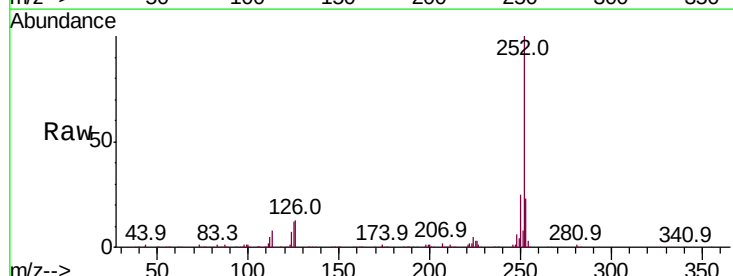
Instrument :  
BNA\_G  
ClientSampleId :  
PB114465BS

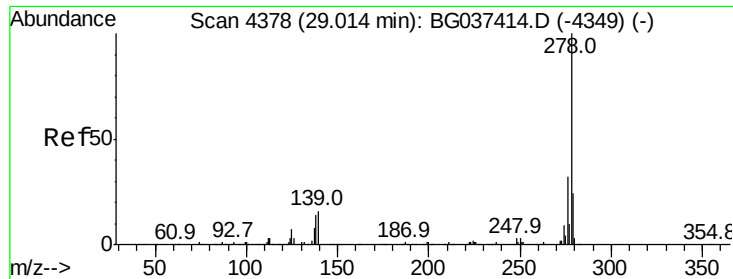
Tot Ion:252 Resp: 733218  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.2  
125 10.0 7.4 11.0



#90  
Benzo(a)pyrene  
Concen: 40.351 ng  
RT: 24.93 min Scan# 3683  
Delta R.T. -0.02 min  
Lab File: BG037879.D  
Acq: 8 Nov 2018 00:33

Tgt Ion:252 Resp: 698945  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.4 26.2  
125 11.5 9.0 13.6

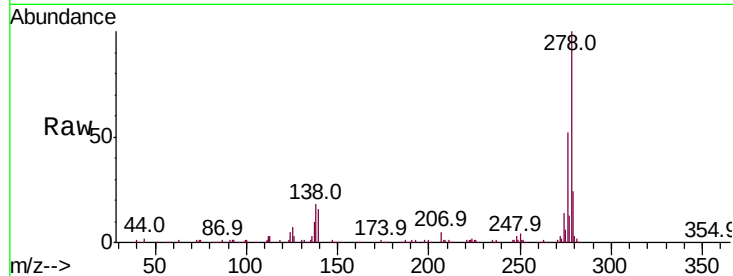




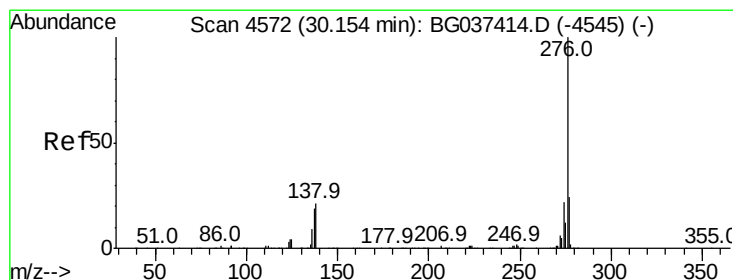
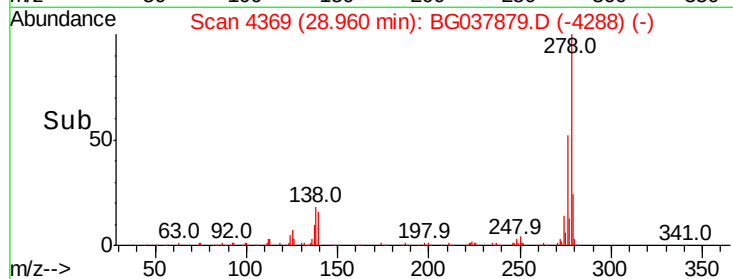
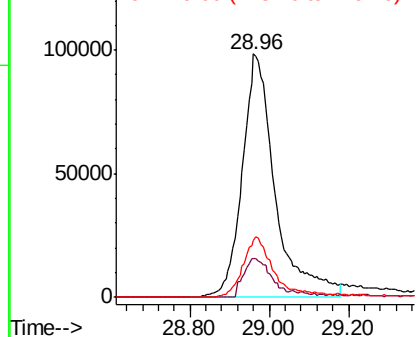
#91  
 Dibenzo(a,h)anthracene  
 Concen: 35.687 ng  
 RT: 28.96 min Scan# 4369  
 Delta R.T. -0.05 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114465BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.8  | 11.5  | 17.3  |
| 279     | 23.6  | 18.6  | 27.8  |

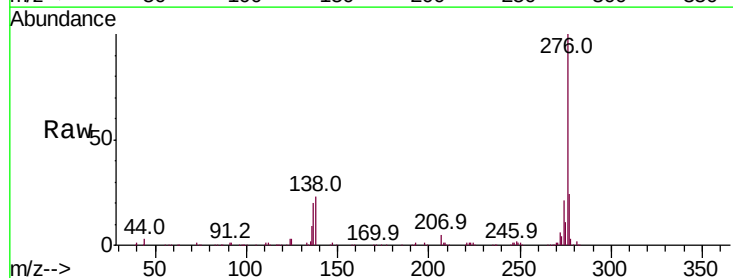


Abundance Ion 278.00 (277.70 to 278.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 279.00 (278.70 to 279.70): E



#92  
 Benzo(g,h,i)perylene  
 Concen: 35.586 ng  
 RT: 30.11 min Scan# 4564  
 Delta R.T. -0.05 min  
 Lab File: BG037879.D  
 Acq: 8 Nov 2018 00:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 18.9  | 28.3  |
| 138     | 22.7  | 17.2  | 25.8  |



Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 277.00 (276.70 to 277.70): E  
 Ion 138.00 (137.70 to 138.70): E

