

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\  
 Data File : BG032804.D  
 Acq On : 23 Feb 2018 23:57  
 Operator : SJ/JU  
 Sample : PB106787BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106787BS

Quant Time: Feb 24 02:30:57 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 17:04:54 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.92  | 152  | 58714    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.81 | 136  | 264514   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.54 | 164  | 154811   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.27 | 188  | 369949   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.63 | 240  | 354840   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.44 | 264  | 383202   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 6.34  | 112 | 346792  | 94.49  | ng | 0.00 |
| 7) Phenol-d6             | 8.02  | 99  | 463062  | 90.52  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 10.13 | 82  | 360540  | 93.47  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 17.01 | 330 | 163741  | 100.59 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 14.17 | 172 | 860957  | 80.21  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.79 | 244 | 1290759 | 81.73  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.96  | 88  | 60359  | 37.90 | ng | 90     |
| 3) Pyridine                    | 4.42  | 79  | 171489 | 39.06 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 4.33  | 42  | 81285  | 46.18 | ng | # 94   |
| 6) Aniline                     | 8.21  | 93  | 201490 | 29.10 | ng | 97     |
| 8) 2-Chlorophenol              | 8.47  | 128 | 188678 | 46.97 | ng | 92     |
| 9) Benzaldehyde                | 8.02  | 77  | 105367 | 35.74 | ng | 90     |
| 10) Phenol                     | 8.05  | 94  | 245003 | 47.51 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 8.31  | 93  | 169476 | 40.19 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 8.81  | 146 | 186844 | 39.71 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.96  | 146 | 188717 | 39.85 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 9.30  | 146 | 178644 | 39.36 | ng | 100    |
| 15) Benzyl Alcohol             | 9.16  | 79  | 160294 | 42.62 | ng | 88     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.45  | 45  | 269223 | 37.14 | ng | 96     |
| 17) 2-Methylphenol             | 9.36  | 107 | 162553 | 42.75 | ng | 95     |
| 18) Hexachloroethane           | 10.06 | 117 | 66118  | 41.00 | ng | # 87   |
| 19) n-Nitroso-di-n-propylamine | 9.74  | 70  | 136976 | 37.93 | ng | # 96   |
| 20) 3+4-Methylphenols          | 9.69  | 107 | 224787 | 42.52 | ng | 94     |
| 22) Acetophenone               | 9.77  | 105 | 259988 | 38.92 | ng | # 93   |
| 24) Nitrobenzene               | 10.17 | 77  | 190557 | 45.55 | ng | 93     |
| 25) Isophorone                 | 10.70 | 82  | 378599 | 40.78 | ng | # 93   |
| 26) 2-Nitrophenol              | 10.90 | 139 | 88547  | 56.05 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 10.93 | 122 | 204315 | 50.66 | ng | 89     |
| 28) bis(2-Chloroethoxy)methane | 11.17 | 93  | 232721 | 43.03 | ng | 95     |
| 29) 2,4-Dichlorophenol         | 11.44 | 162 | 173290 | 47.34 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 11.67 | 180 | 166330 | 38.76 | ng | 96     |
| 31) Naphthalene                | 11.86 | 128 | 555372 | 40.18 | ng | 99     |
| 32) Benzoic acid               | 11.03 | 122 | 132877 | 51.28 | ng | # 81   |
| 33) 4-Chloroaniline            | 11.95 | 127 | 187258 | 30.30 | ng | 96     |
| 34) Hexachlorobutadiene        | 12.13 | 225 | 88274  | 36.68 | ng | 97     |
| 35) Caprolactam                | 12.69 | 113 | 76597  | 52.26 | ng | # 82   |
| 36) 4-Chloro-3-methylphenol    | 13.01 | 107 | 209045 | 49.07 | ng | 90     |
| 37) 2-Methylnaphthalene        | 13.41 | 142 | 416951 | 41.70 | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.76 | 216 | 171730 | 37.37 | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 13.74 | 237 | 215397 | 91.97 | ng | 92     |

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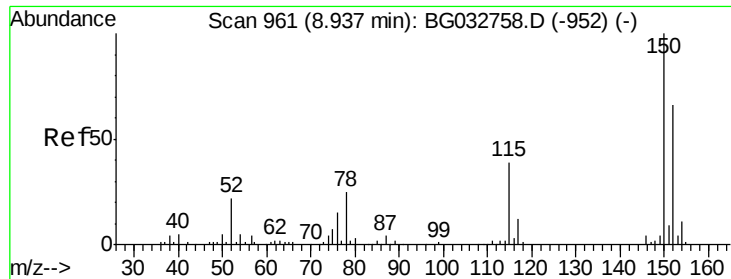
Instrument :  
 BNA\_G  
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Quant Time: Feb 24 02:30:57 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
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 QLast Update : Fri Feb 23 17:04:54 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.99 | 196  | 135043   | 46.60  | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 14.06 | 196  | 152493   | 45.46  | nq #  | 97       |
| 45) 1,1'-Biphenyl              | 14.39 | 154  | 520463   | 38.47  | nq    | 96       |
| 46) 2-Chloronaphthalene        | 14.44 | 162  | 394602   | 39.05  | nq    | 98       |
| 47) 2-Nitroaniline             | 14.61 | 65   | 135020   | 51.96  | nq    | 91       |
| 48) Acenaphthylene             | 15.27 | 152  | 659138   | 39.84  | nq    | 98       |
| 49) Dimethylphthalate          | 14.97 | 163  | 535143   | 40.71  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 15.09 | 165  | 116775   | 52.62  | nq    | 88       |
| 51) Acenaphthene               | 15.61 | 154  | 445000   | 43.19  | nq    | 97       |
| 52) 3-Nitroaniline             | 15.42 | 138  | 107932   | 41.34  | nq #  | 84       |
| 53) 2,4-Dinitrophenol          | 15.62 | 184  | 92475    | 115.23 | nq #  | 37       |
| 54) Dibenzofuran               | 15.94 | 168  | 621475   | 42.36  | nq    | 95       |
| 55) 4-Nitrophenol              | 15.70 | 139  | 233686   | 106.03 | nq #  | 77       |
| 56) 2,4-Dinitrotoluene         | 15.87 | 165  | 163038   | 59.92  | nq #  | 82       |
| 57) Fluorene                   | 16.58 | 166  | 509791   | 42.10  | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.14 | 232  | 134795m  | 51.76  | nq    |          |
| 59) Diethylphthalate           | 16.31 | 149  | 587208   | 42.35  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.55 | 204  | 247410   | 41.77  | nq    | 92       |
| 61) 4-Nitroaniline             | 16.58 | 138  | 143006   | 50.00  | nq    | 81       |
| 62) Azobenzene                 | 16.85 | 77   | 527181   | 42.50  | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 16.62 | 198  | 66778    | 57.41  | nq    | 96       |
| 65) n-Nitrosodiphenylamine     | 16.76 | 169  | 484615   | 40.27  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 17.45 | 248  | 152295   | 38.93  | nq #  | 90       |
| 67) Hexachlorobenzene          | 17.57 | 284  | 161208   | 38.13  | nq #  | 93       |
| 68) Atrazine                   | 17.68 | 200  | 174216   | 43.98  | nq    | 96       |
| 69) Pentachlorophenol          | 17.90 | 266  | 226311   | 84.99  | nq    | 99       |
| 70) Phenanthrene               | 18.32 | 178  | 846329   | 41.01  | nq    | 98       |
| 71) Anthracene                 | 18.40 | 178  | 873083   | 42.14  | nq    | 99       |
| 72) Carbazole                  | 18.66 | 167  | 836968   | 40.98  | nq    | 96       |
| 73) Di-n-butylphthalate        | 19.16 | 149  | 1031792  | 41.18  | nq    | 98       |
| 74) Fluoranthene               | 20.27 | 202  | 971669   | 42.62  | nq    | 94       |
| 76) Benzidine                  | 20.42 | 184  | 474489   | 39.23  | nq    | 99       |
| 77) Pyrene                     | 20.62 | 202  | 975918   | 39.00  | nq    | 97       |
| 79) Butylbenzylphthalate       | 21.49 | 149  | 487098   | 43.90  | nq    | 91       |
| 80) Benzo(a)anthracene         | 22.61 | 228  | 942823   | 41.44  | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 22.49 | 252  | 273482   | 32.45  | nq #  | 98       |
| 82) Chrysene                   | 22.69 | 228  | 888297   | 40.87  | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 22.45 | 149  | 700153   | 42.63  | nq    | 96       |
| 84) Di-n-octyl phthalate       | 23.88 | 149  | 1202225  | 48.03  | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 30.89 | 276  | 1101091  | 43.44  | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 25.22 | 252  | 958775   | 42.32  | nq #  | 96       |
| 88) Benzo(k)fluoranthene       | 25.30 | 252  | 932276   | 41.40  | nq #  | 95       |
| 89) Benzo(a)pyrene             | 26.26 | 252  | 925363   | 42.94  | nq #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 30.97 | 278  | 928396   | 42.80  | nq #  | 94       |
| 91) Benzo(g,h,i)perylene       | 32.28 | 276  | 920521   | 43.05  | nq #  | 89       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG032804.D

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BNA\_G

ClientSampleId :

PB106787BS

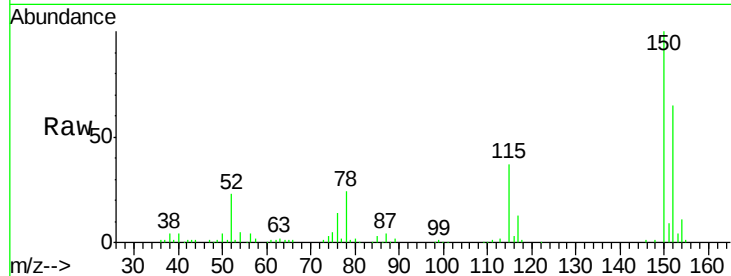
Tot Ion:152 Resp: 58714

Ion Ratio Lower Upper

152 100

150 153.6 126.6 189.8

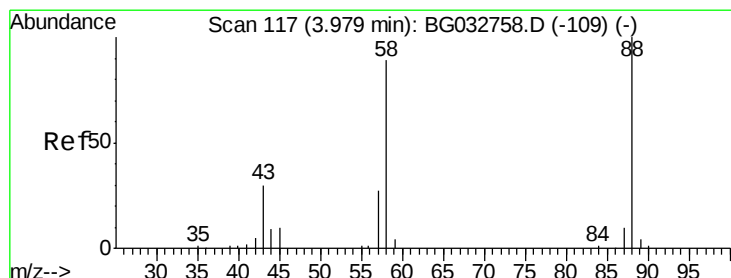
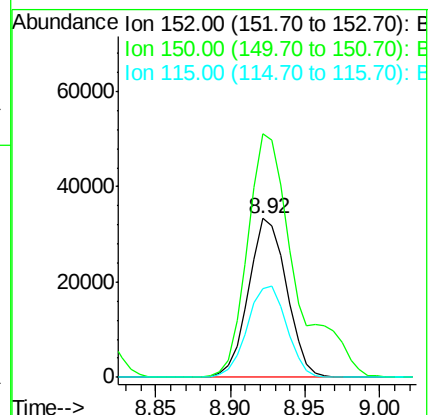
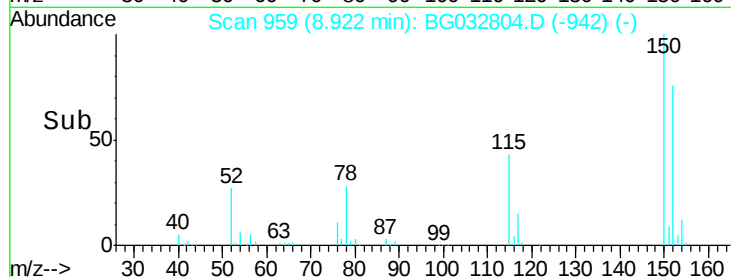
115 56.2 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.90 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

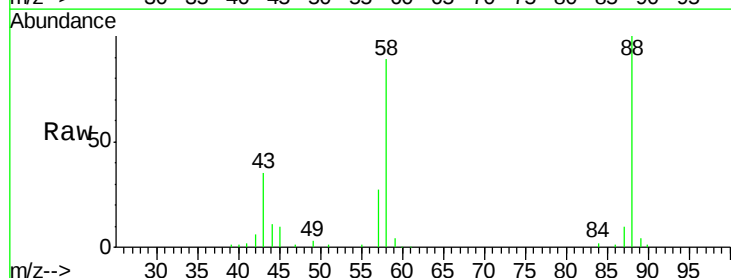
Tgt Ion: 88 Resp: 60359

Ion Ratio Lower Upper

88 100

58 87.0 79.6 119.4

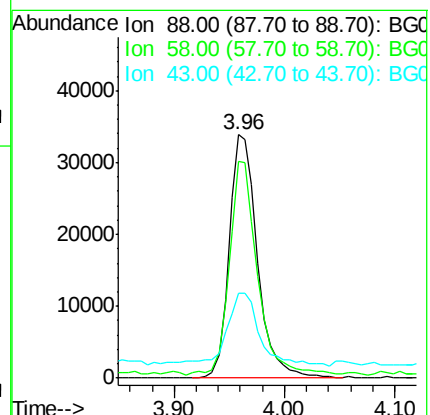
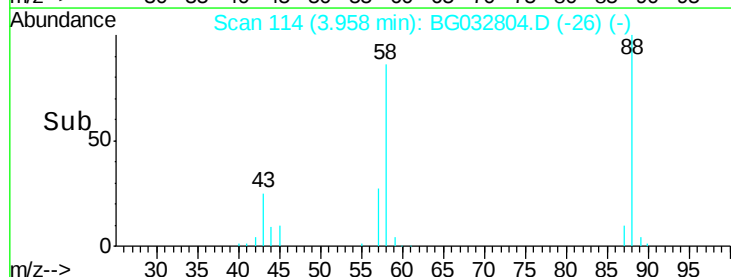
43 33.6 27.4 41.0

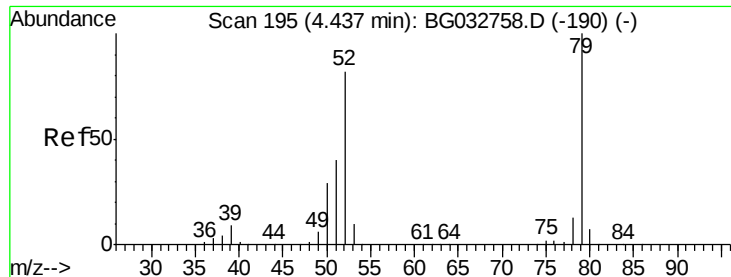


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.06 ng

RT: 4.42 min Scan# 193

Delta R.T. -0.01 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

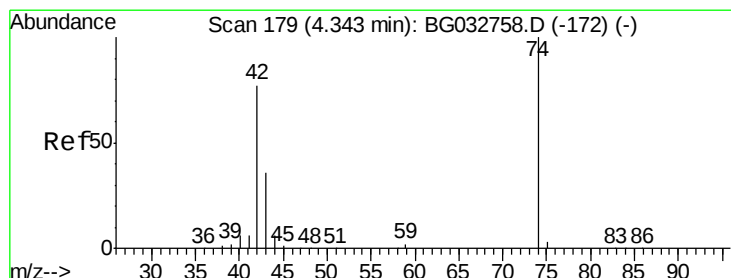
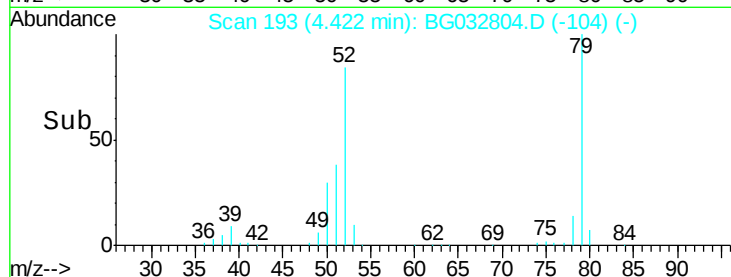
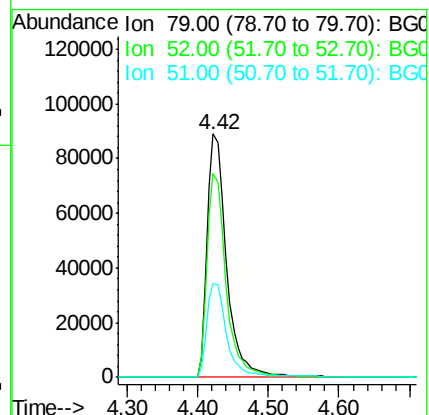
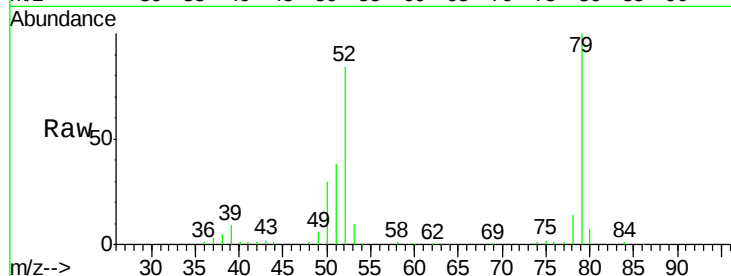
Tot Ion: 79 Resp: 171489

Ion Ratio Lower Upper

79 100

52 83.5 69.9 104.9

51 38.3 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 46.18 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

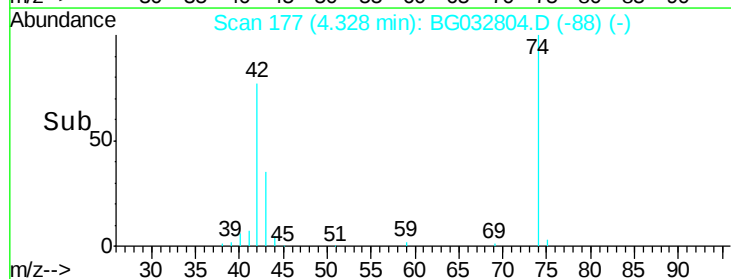
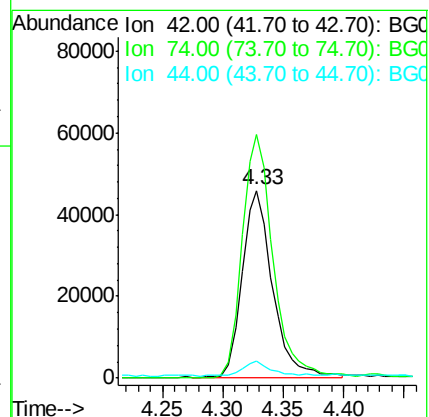
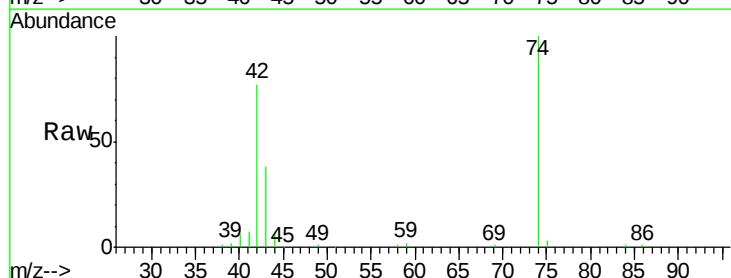
Tgt Ion: 42 Resp: 81285

Ion Ratio Lower Upper

42 100

74 129.8 102.5 153.7

44 8.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 94.49 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

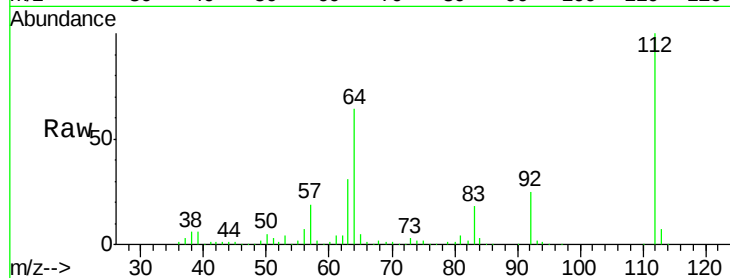
Tot Ion: 112 Resp: 346792

Ion Ratio Lower Upper

112 100

64 63.8 56.3 84.5

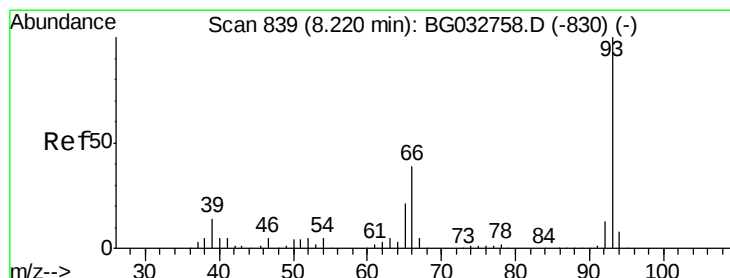
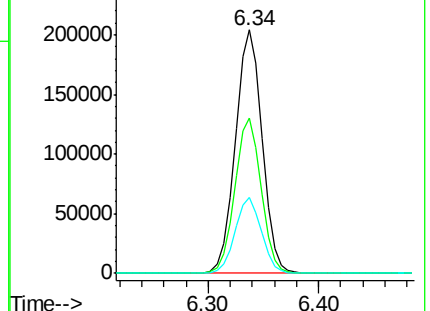
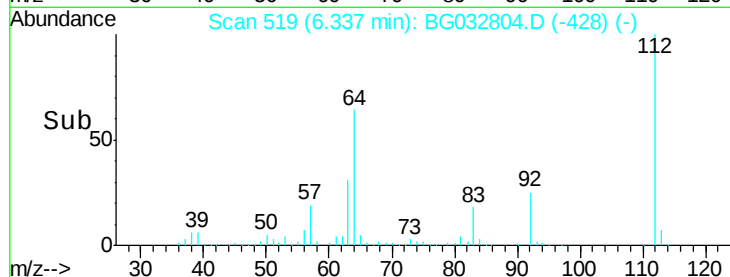
63 31.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.10 ng

RT: 8.21 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

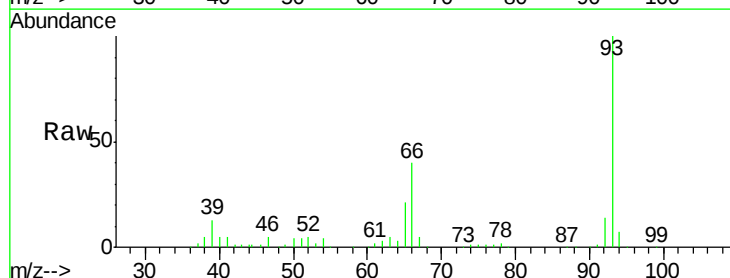
Tgt Ion: 93 Resp: 201490

Ion Ratio Lower Upper

93 100

66 39.9 33.7 50.5

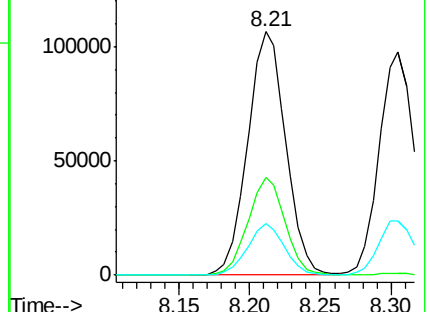
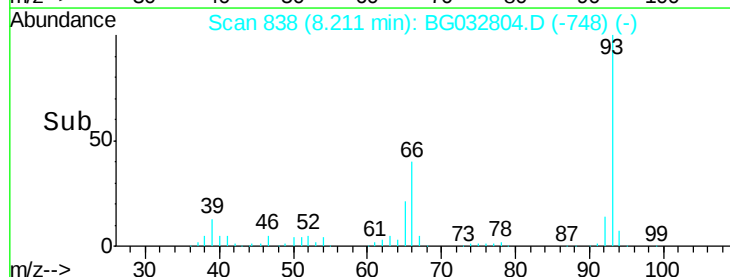
65 21.3 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 90.52 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

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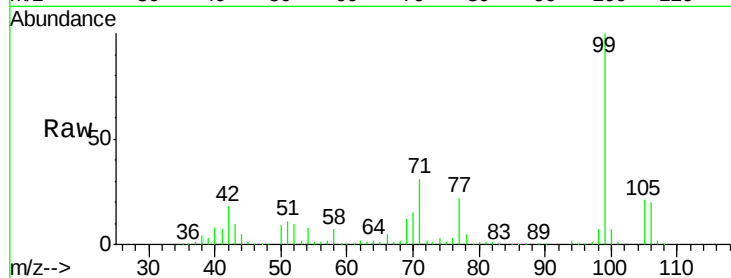
Tot Ion: 99 Resp: 463062

Ion Ratio Lower Upper

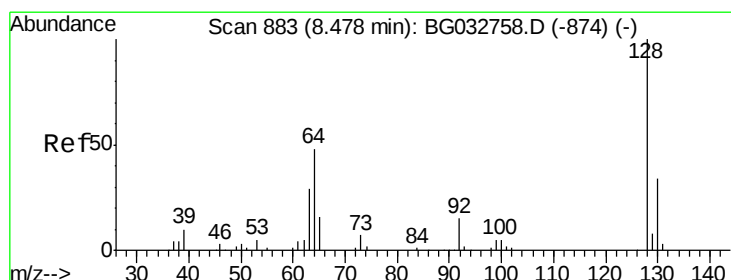
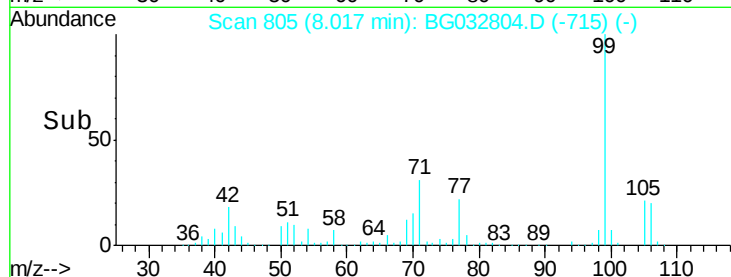
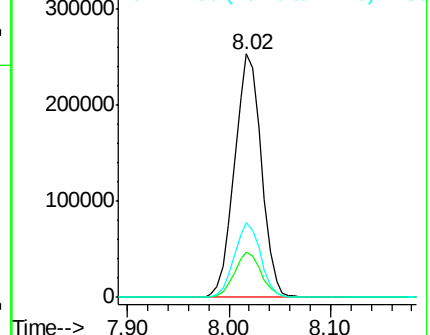
99 100

42 18.3 14.1 21.1

71 30.8 26.1 39.1



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: 46.97 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

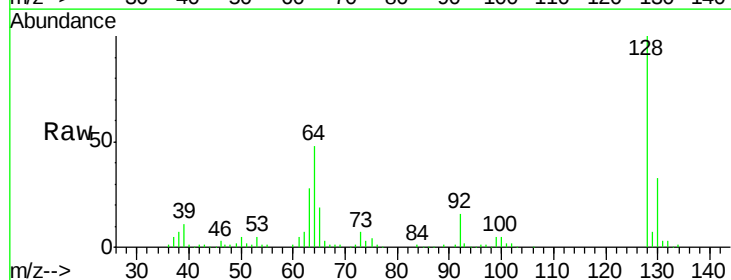
Tgt Ion:128 Resp: 188678

Ion Ratio Lower Upper

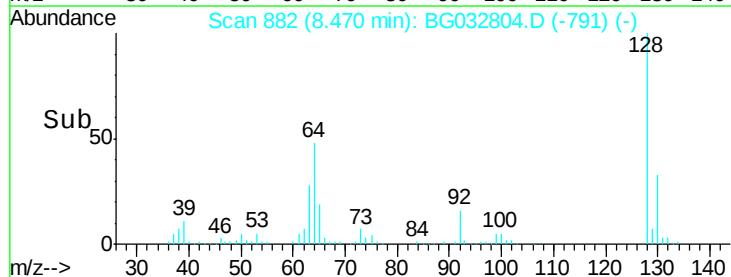
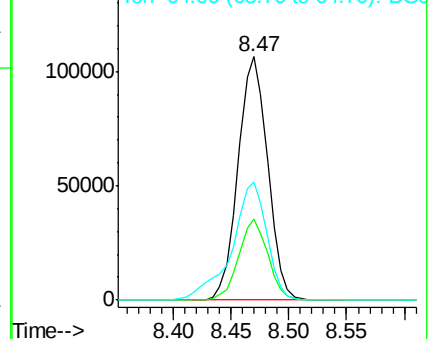
128 100

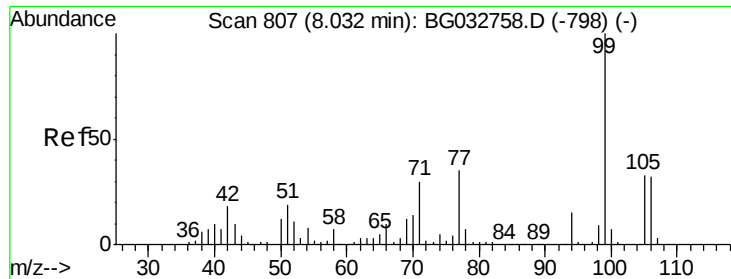
130 33.2 14.0 54.0

64 48.3 37.7 77.7



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





#9

Benzaldehyde

Concen: 35.74 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

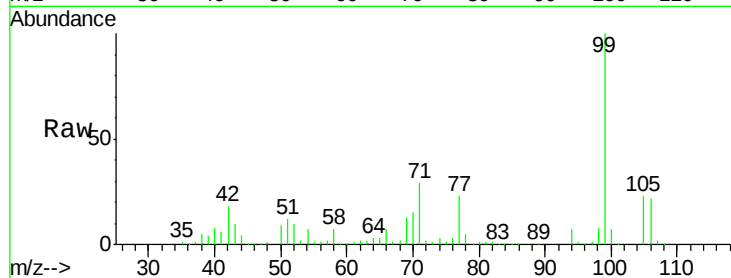
Tot Ion: 77 Resp: 105367

Ion Ratio Lower Upper

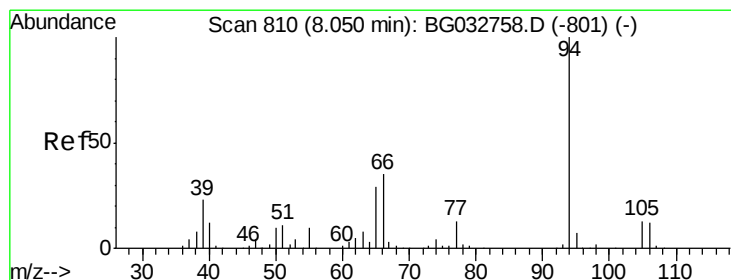
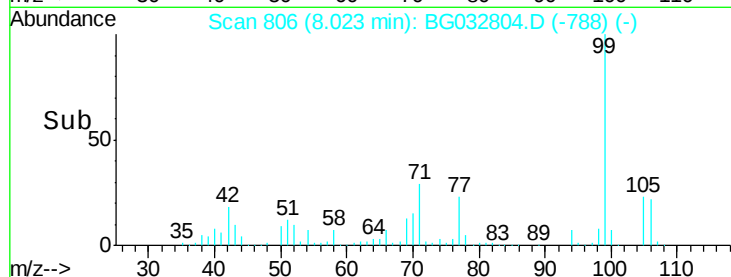
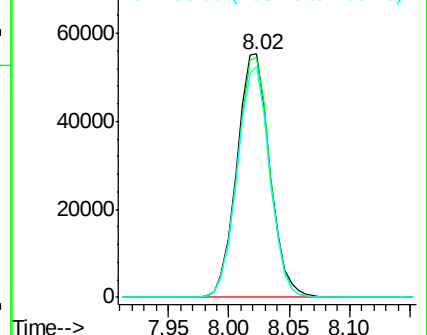
77 100

105 98.6 71.3 111.3

106 95.0 64.2 104.2



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



#10

Phenol

Concen: 47.51 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

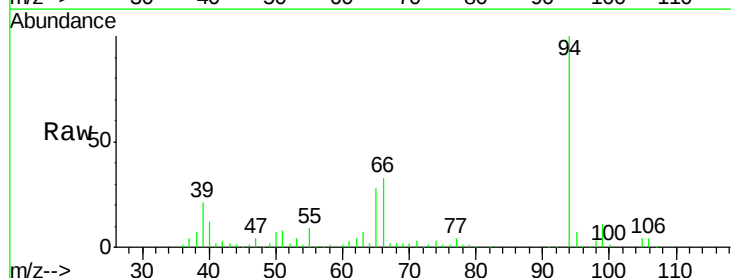
Tgt Ion: 94 Resp: 245003

Ion Ratio Lower Upper

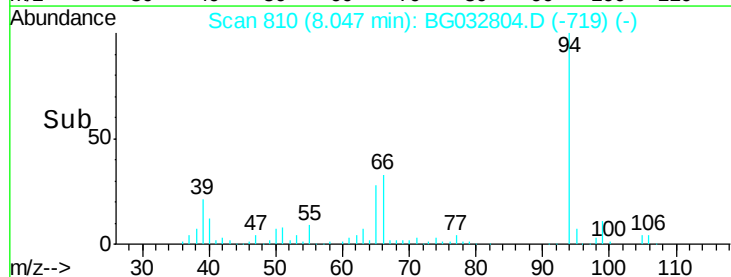
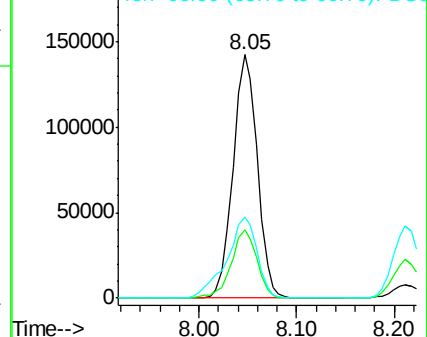
94 100

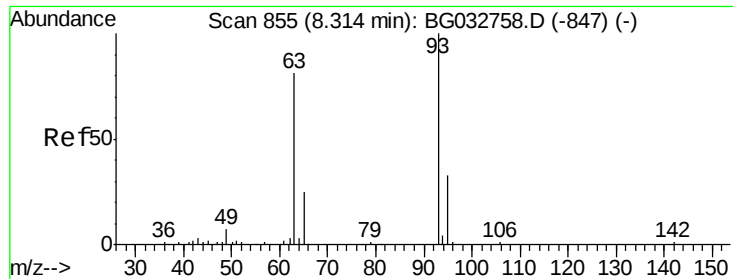
65 28.3 11.9 51.9

66 33.5 22.2 62.2



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

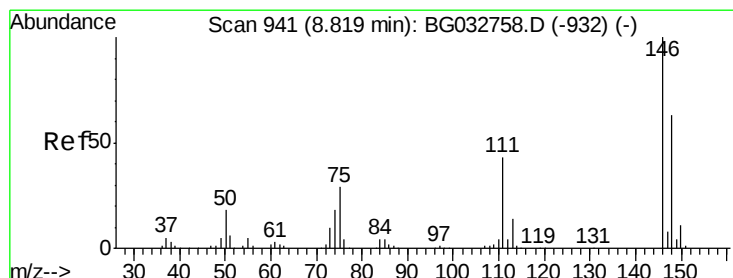
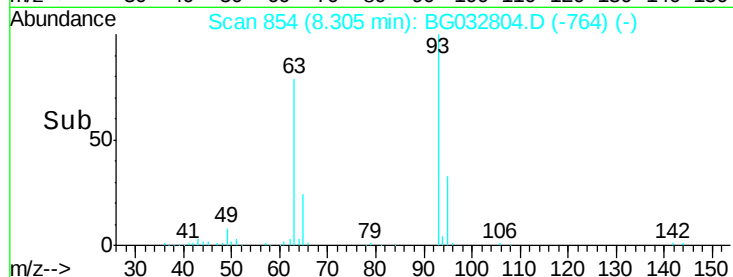
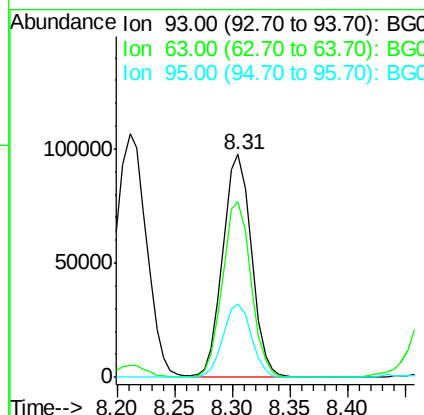
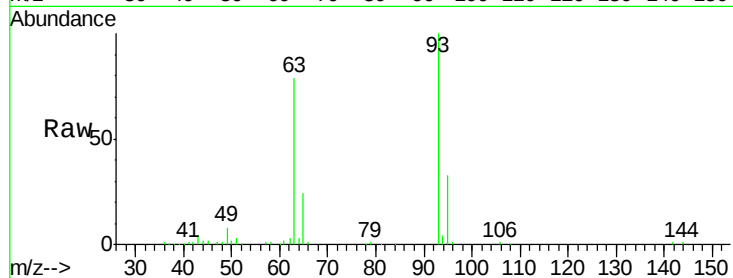




#11  
bis(2-Chloroethyl)ether  
Concen: 40.19 ng  
RT: 8.31 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

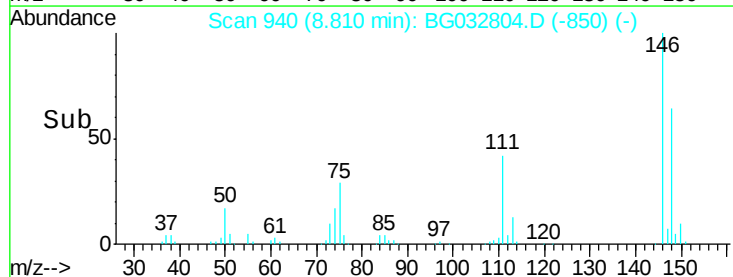
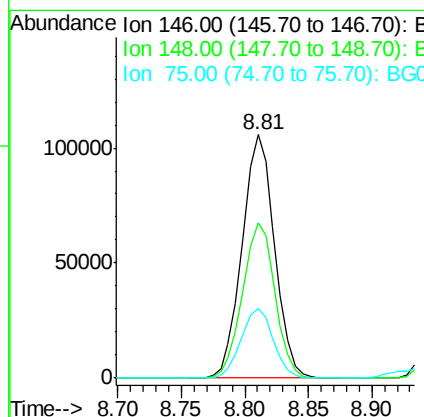
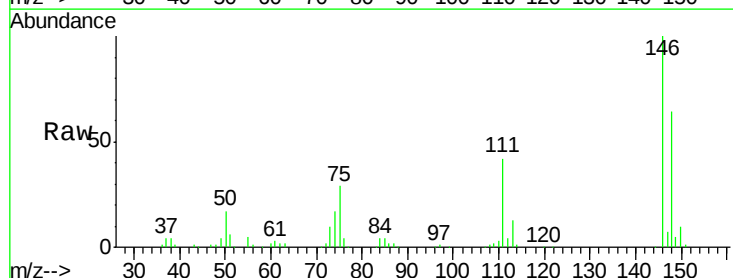
Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

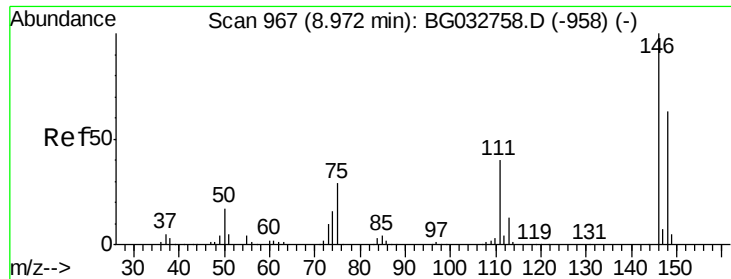
Tot Ion: 93 Resp: 169476  
Ion Ratio Lower Upper  
93 100  
63 78.7 67.1 107.1  
95 32.9 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 39.71 ng  
RT: 8.81 min Scan# 940  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion: 146 Resp: 186844  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.4 77.2  
75 28.5 26.6 39.8

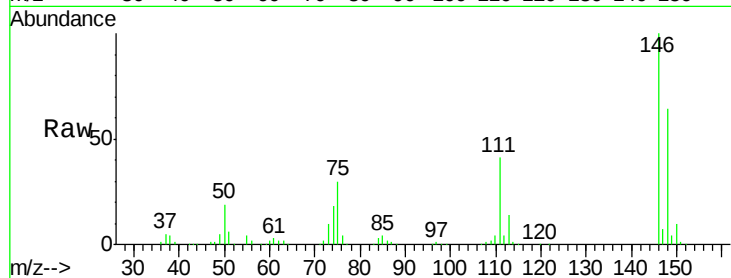




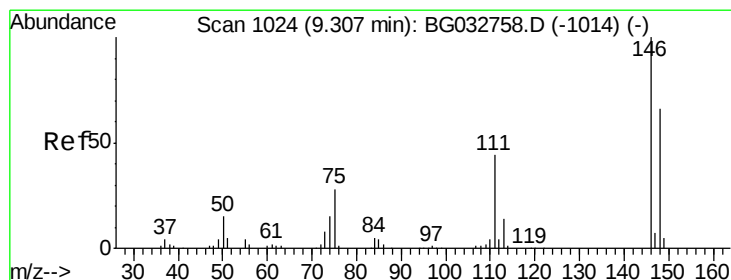
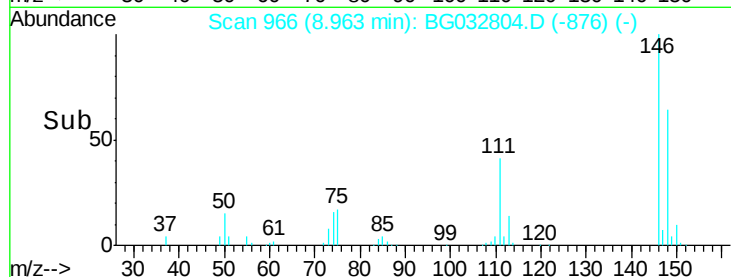
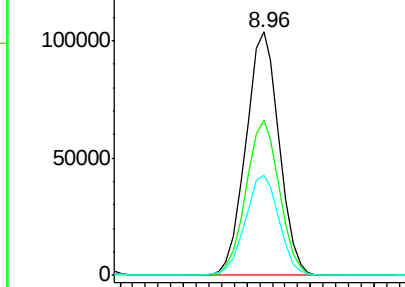
#13  
 1,4-Dichlorobenzene  
 Concen: 39.85 ng  
 RT: 8.96 min Scan# 966  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106787BS

Tot Ion:146 Resp: 188717  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 53.7 80.5  
 111 41.3 35.2 52.8

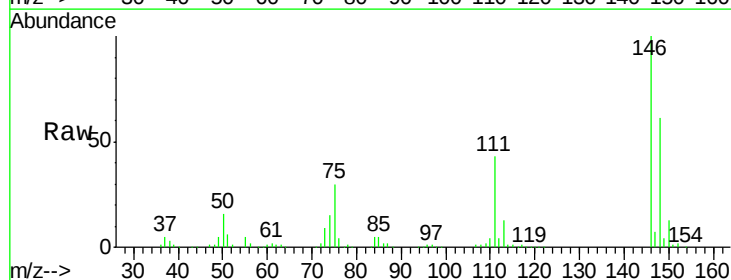


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

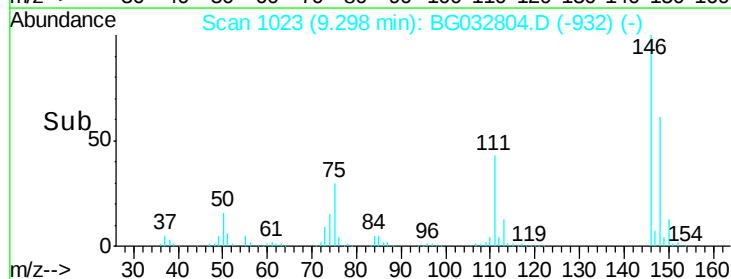
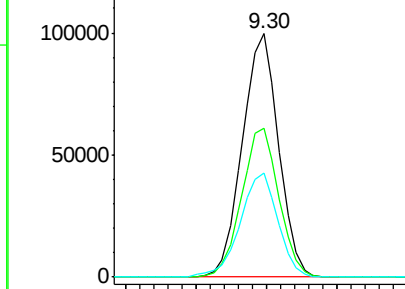


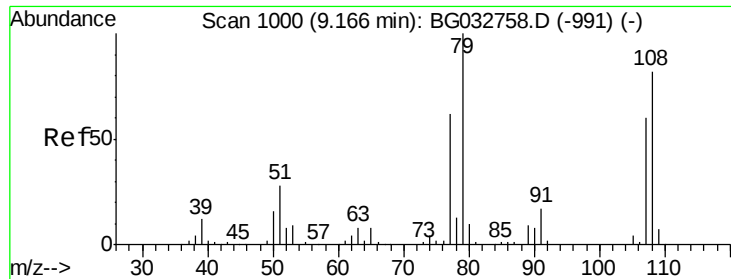
#14  
 1,2-Dichlorobenzene  
 Concen: 39.36 ng  
 RT: 9.30 min Scan# 1023  
 Delta R.T. 0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Tgt Ion:146 Resp: 178644  
 Ion Ratio Lower Upper  
 146 100  
 148 61.3 49.3 73.9  
 111 42.5 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

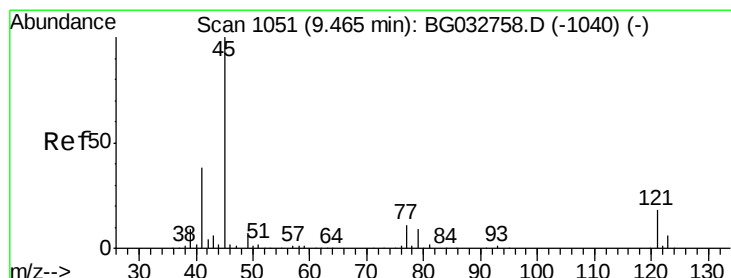
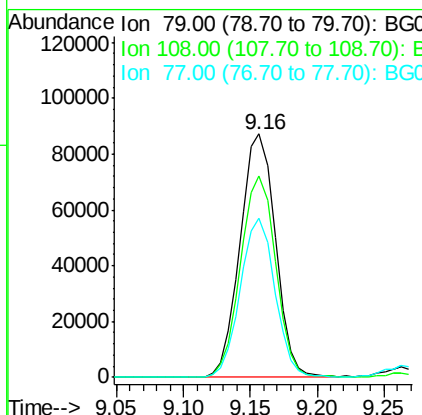
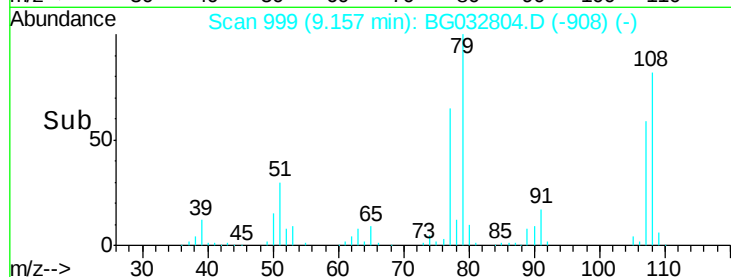
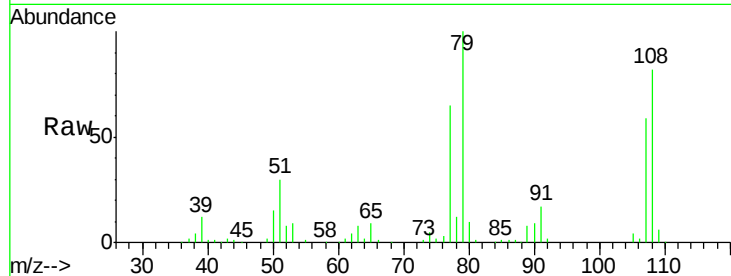




#15  
Benzyl Alcohol  
Concen: 42.62 ng  
RT: 9.16 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

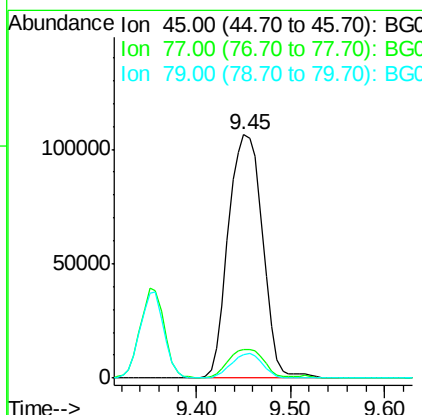
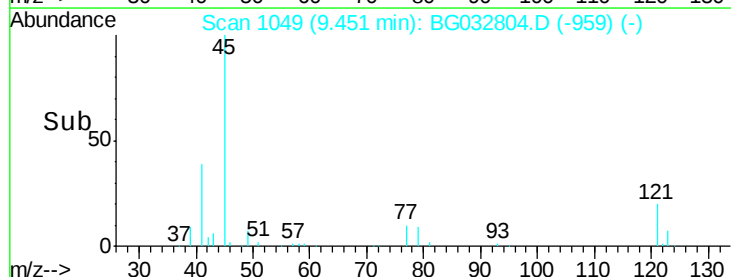
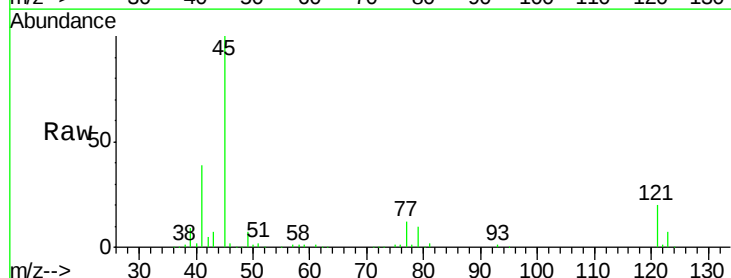
Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

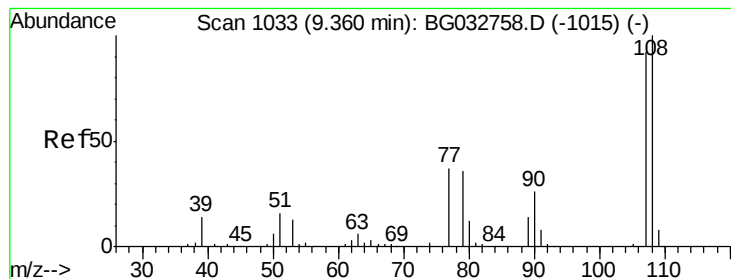
Tot Ion: 79 Resp: 160294  
Ion Ratio Lower Upper  
79 100  
108 82.5 57.2 85.8  
77 65.2 46.1 69.1



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 37.14 ng  
RT: 9.45 min Scan# 1049  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion: 45 Resp: 269223  
Ion Ratio Lower Upper  
45 100  
77 11.5 0.0 30.2  
79 9.5 0.0 27.9





#17

2-Methylphenol

Concen: 42.75 ng

RT: 9.36 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

Tot Ion:107 Resp: 162553

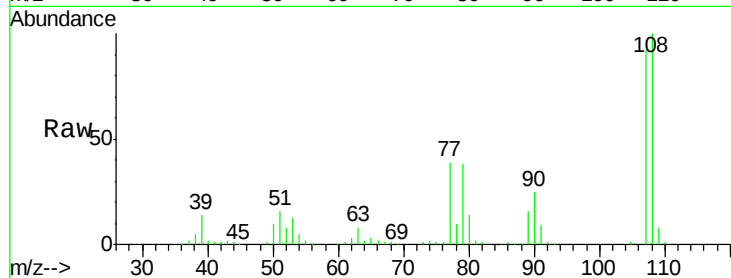
Ion Ratio Lower Upper

107 100

108 108.2 83.9 125.9

77 42.1 37.2 55.8

79 41.5 36.2 54.2

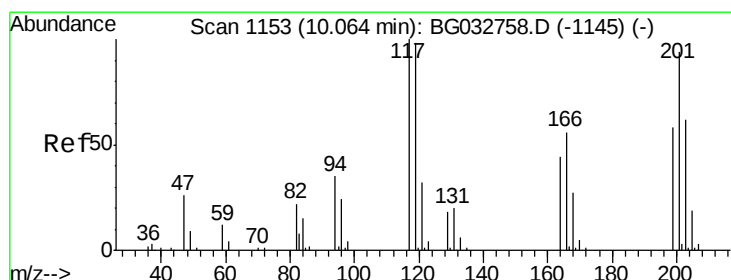
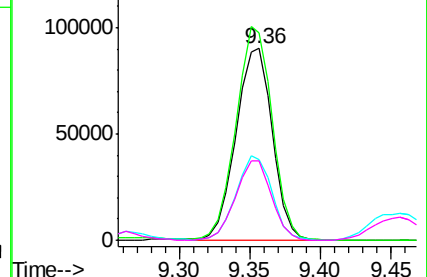
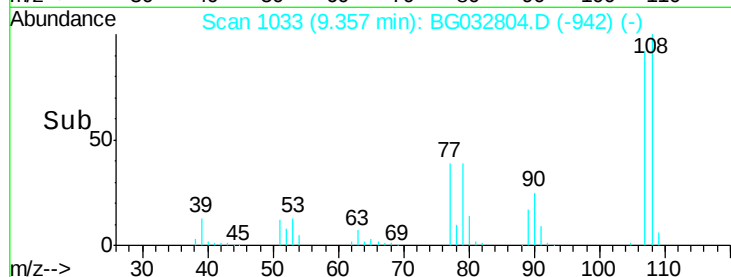


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.00 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

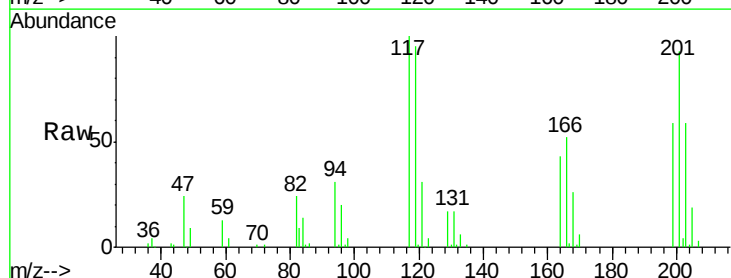
Tgt Ion:117 Resp: 66118

Ion Ratio Lower Upper

117 100

119 95.2 76.7 115.1

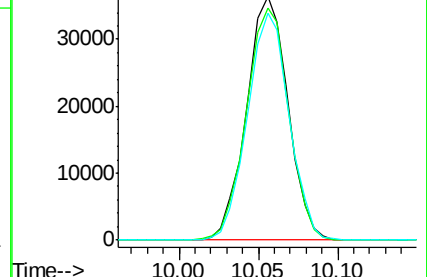
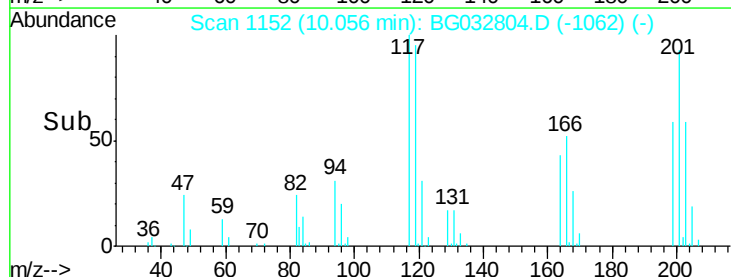
201 93.3 95.7 143.5#

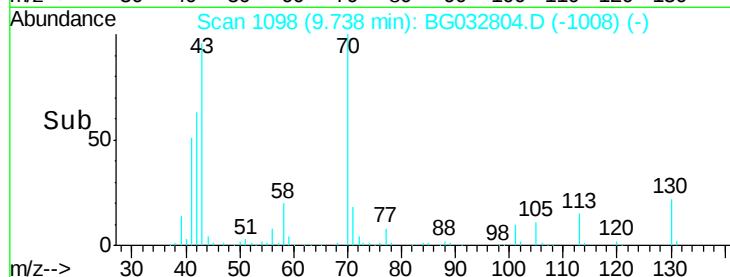
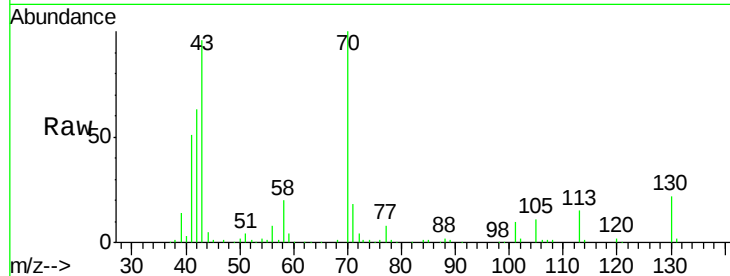
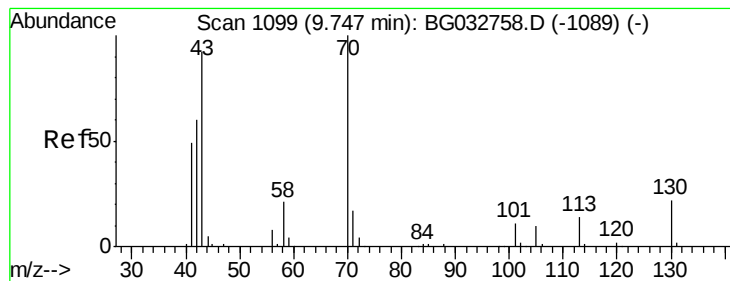


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.93 ng

RT: 9.74 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

Tot Ion: 70 Resp: 136976

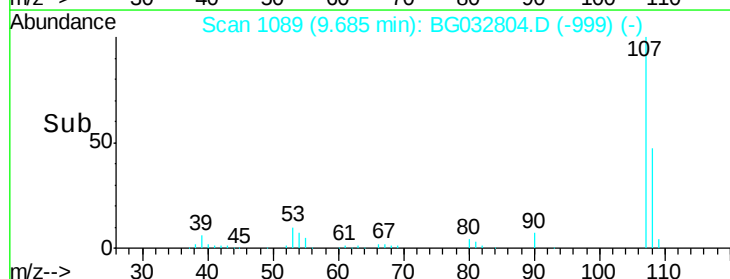
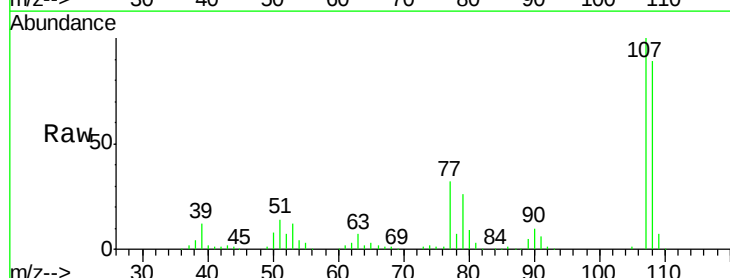
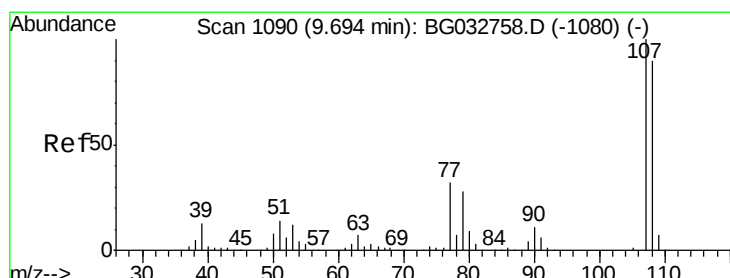
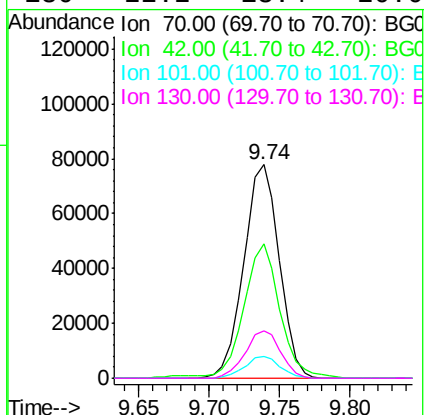
Ion Ratio Lower Upper

70 100

42 63.0 49.1 73.7

101 10.5 8.5 12.7

130 22.2 13.4 20.0#



#20

3+4-Methylphenols

Concen: 42.52 ng

RT: 9.69 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Tgt Ion: 107 Resp: 224787

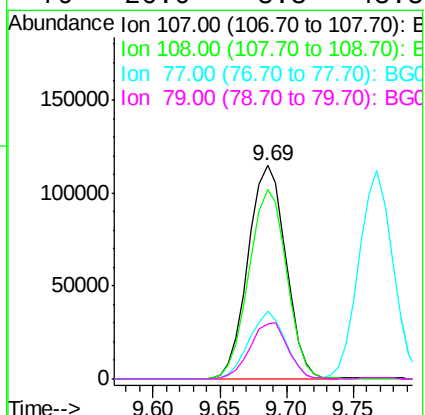
Ion Ratio Lower Upper

107 100

108 88.5 61.6 101.6

77 31.8 13.9 53.9

79 26.0 8.8 48.8

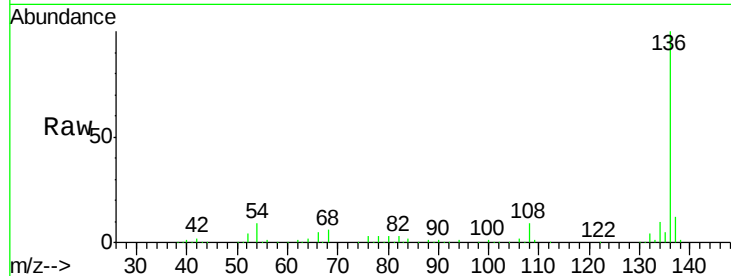




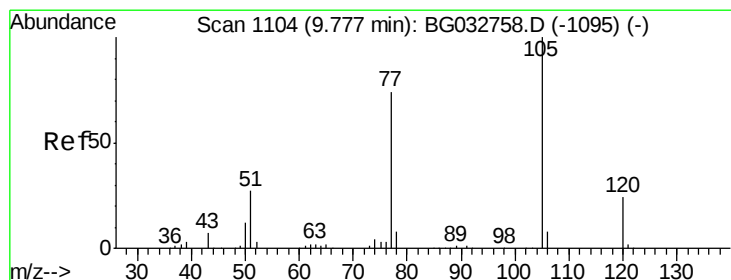
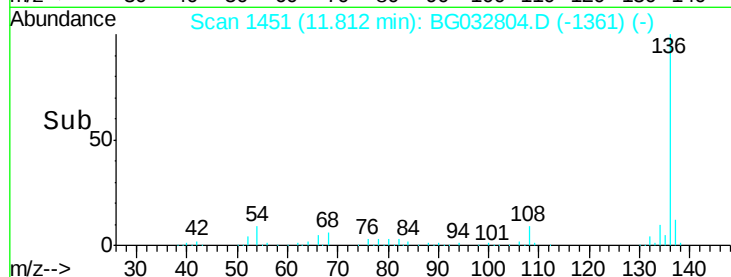
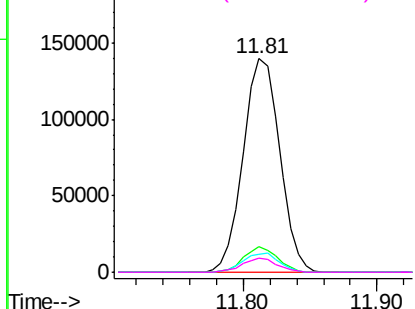
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.81 min Scan# 1451  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

|             |       |            |
|-------------|-------|------------|
| Tot Ion:136 | Resp: | 264514     |
| Ion Ratio   | Lower | Upper      |
| 136         | 100   |            |
| 137         | 11.7  | 9.2 13.8   |
| 54          | 8.6   | 10.3 15.5# |
| 68          | 6.5   | 4.5 6.7    |

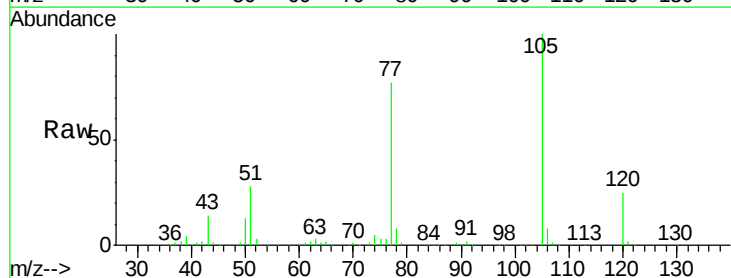


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

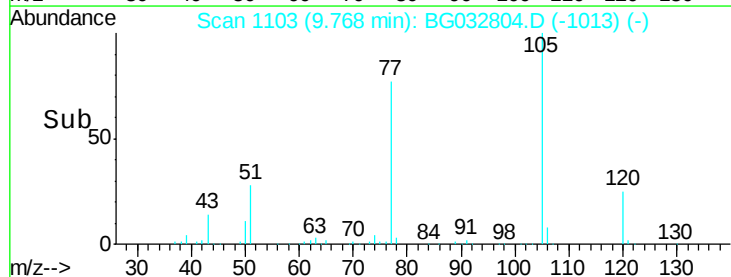
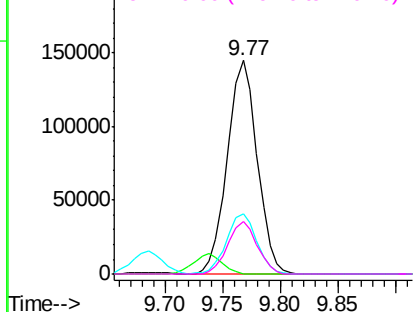


#22  
Acetophenone  
Concen: 38.92 ng  
RT: 9.77 min Scan# 1103  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 259988    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.2   | 3.0 4.4#  |
| 51          | 28.4  | 26.1 39.1 |
| 120         | 24.8  | 17.4 26.2 |



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

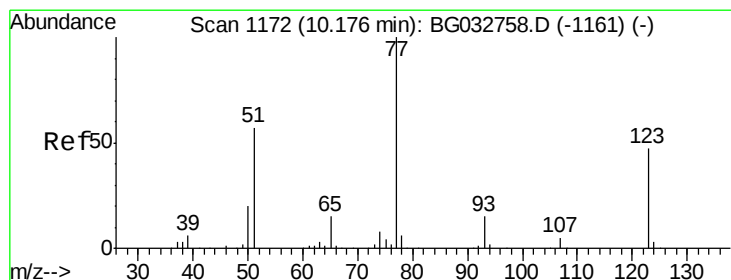
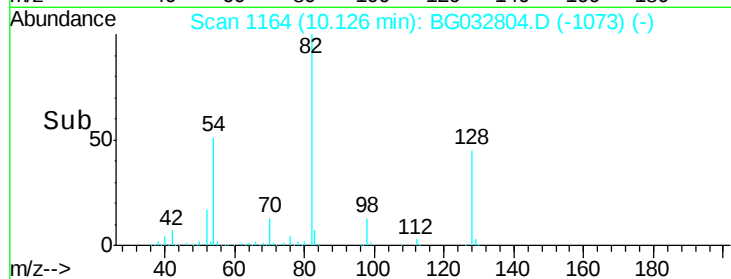
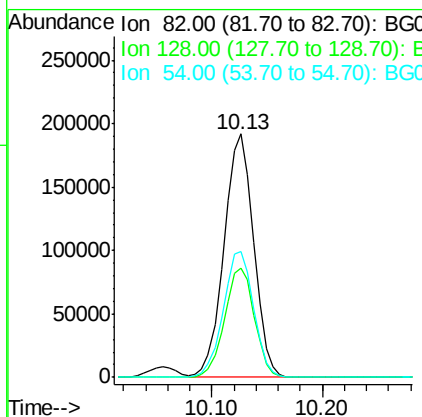
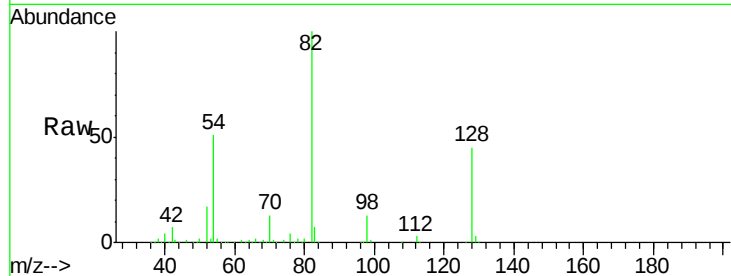




#23  
 Nitrobenzene-d5  
 Concen: 93.47 ng  
 RT: 10.13 min Scan# 1164  
 Delta R.T. 0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

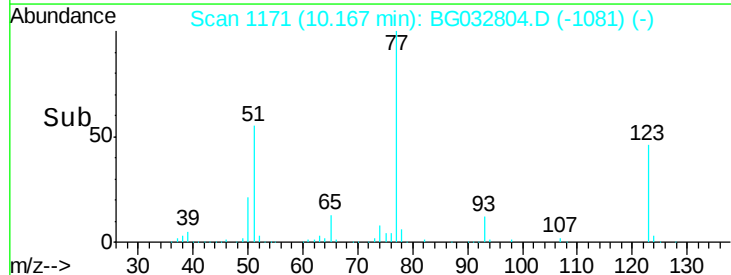
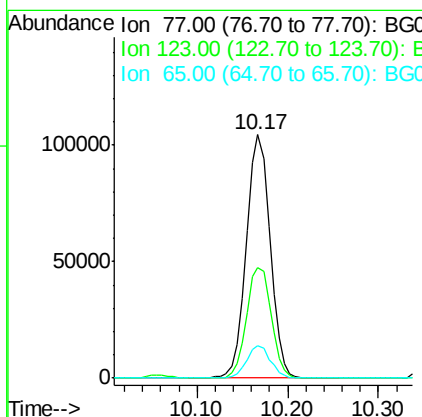
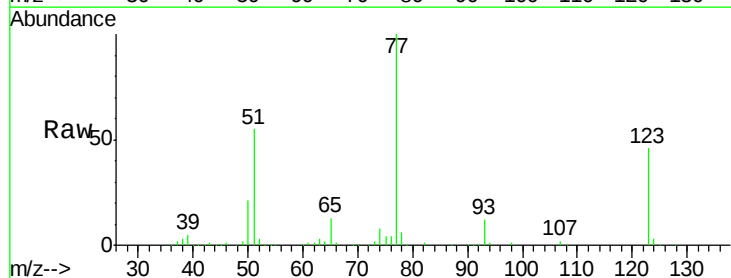
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106787BS

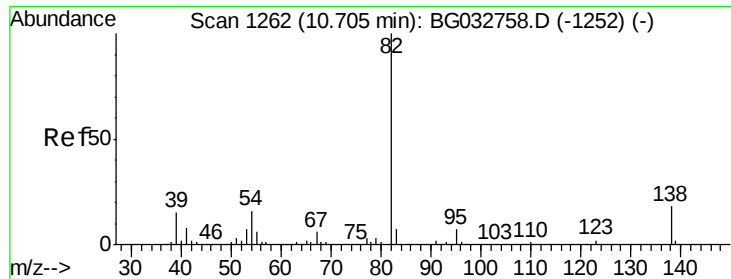
| Tot Ion   | 82    | Resp  | 360540 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.7  | 29.7  | 44.5#  |
| 54        | 51.5  | 43.1  | 64.7   |



#24  
 Nitrobenzene  
 Concen: 45.55 ng  
 RT: 10.17 min Scan# 1171  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

| Tgt Ion   | 77    | Resp  | 190557 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 45.6  | 33.0  | 49.6   |
| 65        | 13.3  | 13.0  | 19.6   |





#25

Isophorone

Concen: 40.78 ng

RT: 10.70 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

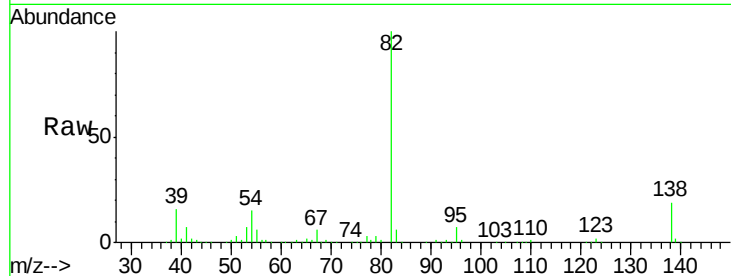
Tot Ion: 82 Resp: 378599

Ion Ratio Lower Upper

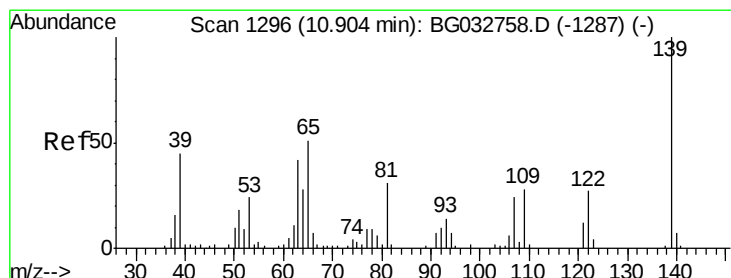
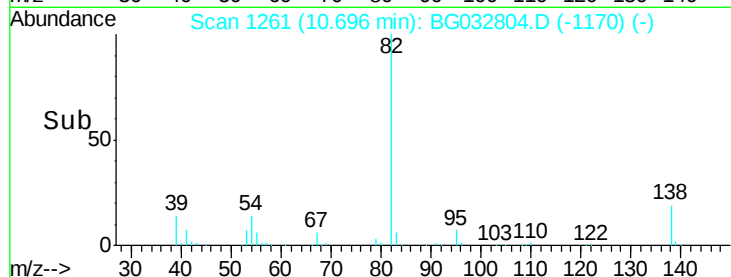
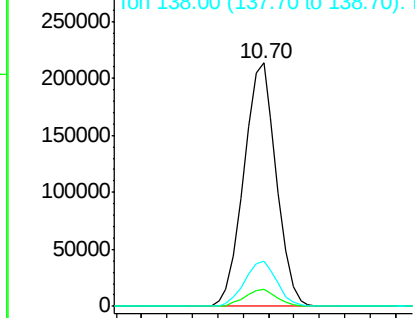
82 100

95 6.8 6.2 9.2

138 18.7 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 56.05 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

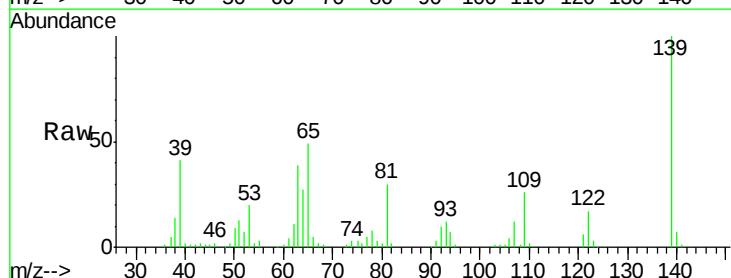
Tgt Ion: 139 Resp: 88547

Ion Ratio Lower Upper

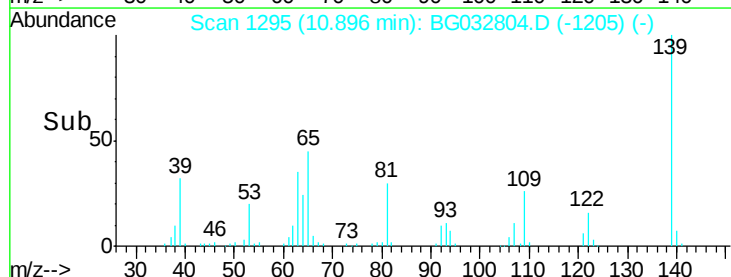
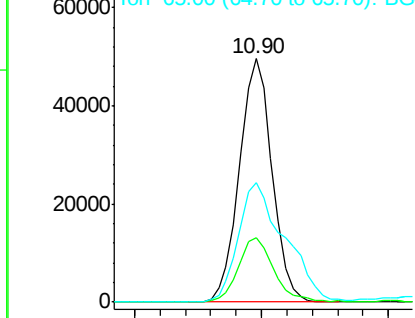
139 100

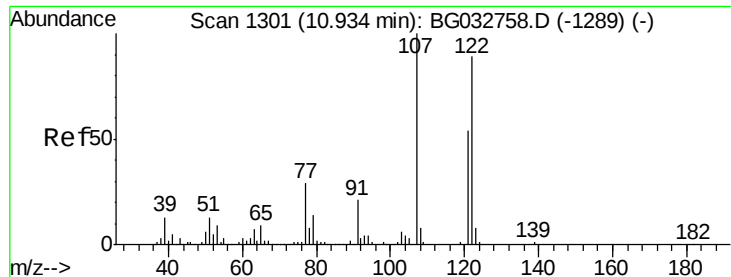
109 26.4 24.2 36.2

65 48.9 47.4 71.0



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

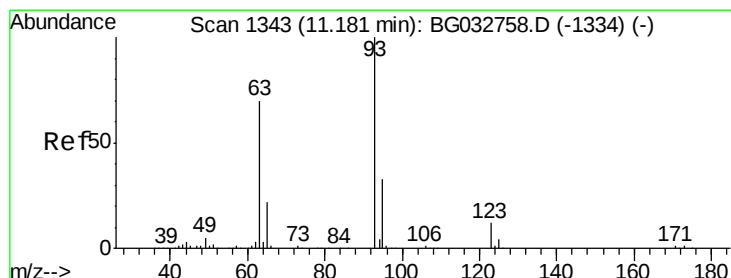
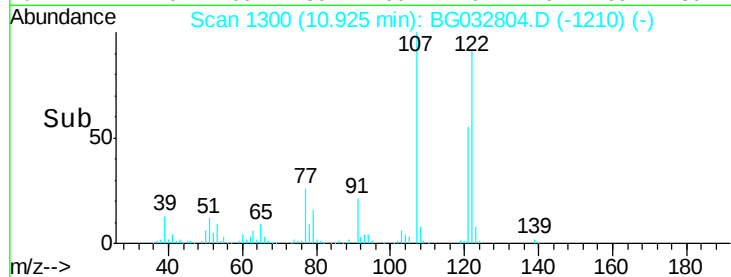
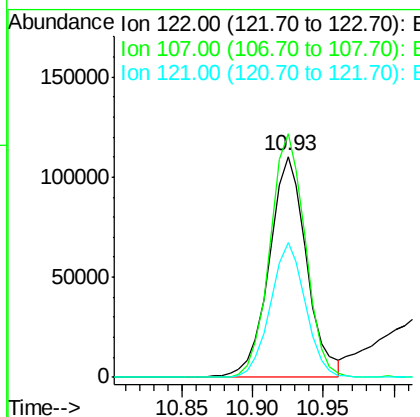
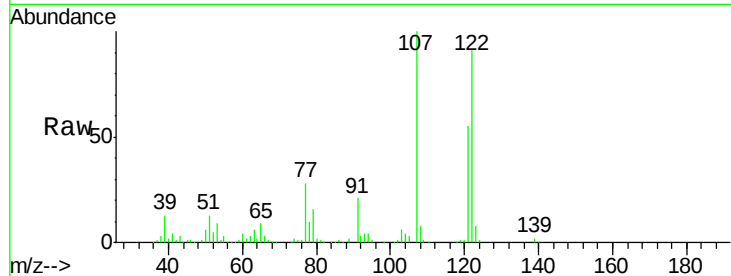




#27  
 2,4-Dimethylphenol  
 Concen: 50.66 ng  
 RT: 10.93 min Scan# 1300  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

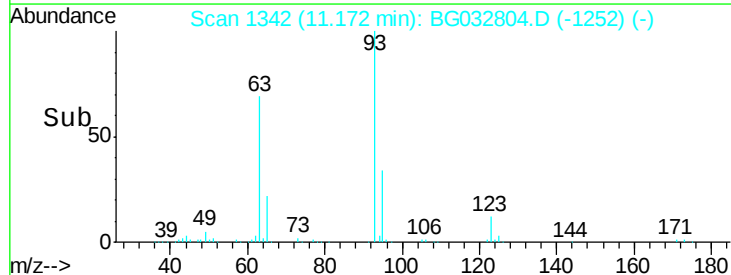
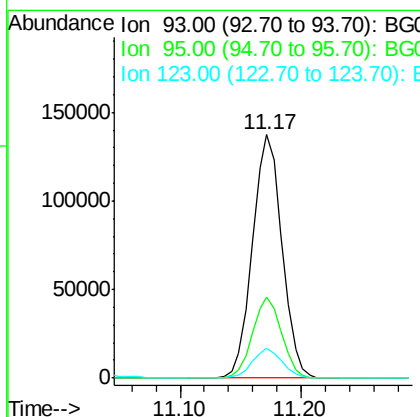
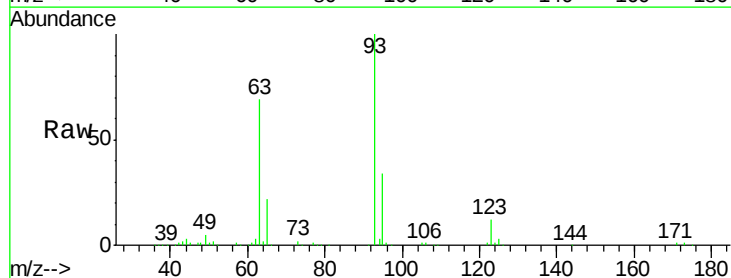
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106787BS

| Tot Ion   | 122   | Resp  | 204315 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 110.1 | 100.2 | 150.2  |
| 121       | 60.7  | 44.4  | 66.6   |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.03 ng  
 RT: 11.17 min Scan# 1342  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

| Tgt Ion   | 93    | Resp  | 232721 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.5  | 24.3  | 36.5   |
| 123       | 12.2  | 8.4   | 12.6   |





#29

2,4-Dichlorophenol

Concen: 47.34 ng

RT: 11.44 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

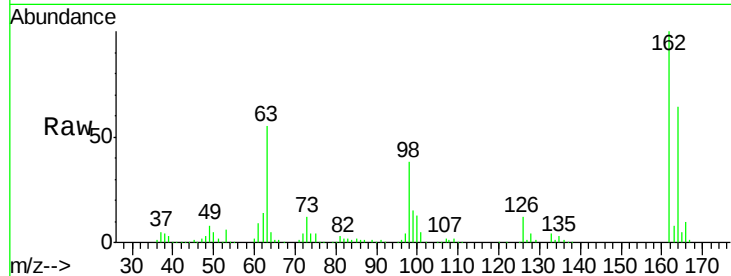
Tot Ion:162 Resp: 173290

Ion Ratio Lower Upper

162 100

164 64.1 48.0 88.0

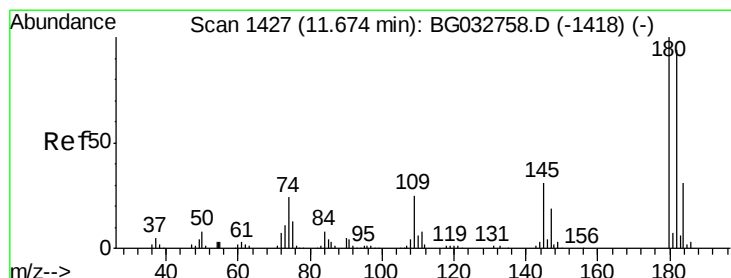
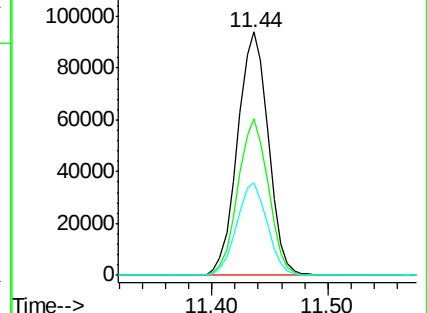
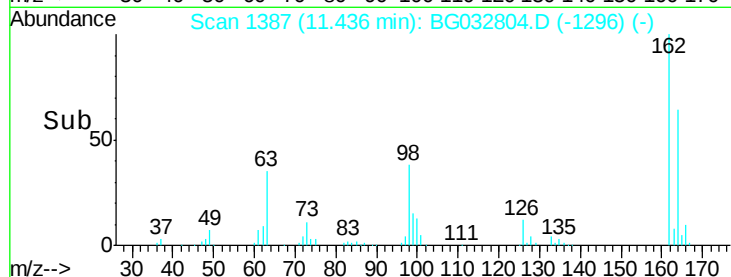
98 37.9 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 38.76 ng

RT: 11.67 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

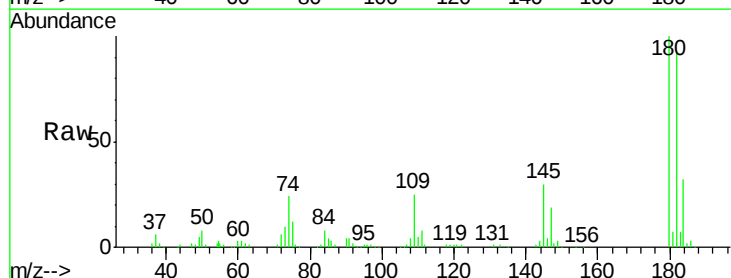
Tgt Ion:180 Resp: 166330

Ion Ratio Lower Upper

180 100

182 92.6 77.5 116.3

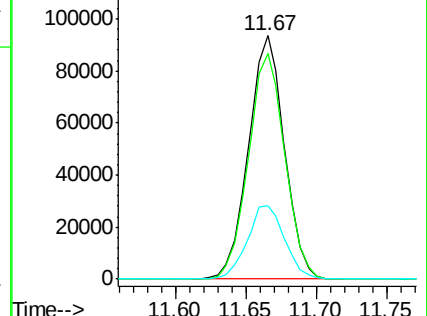
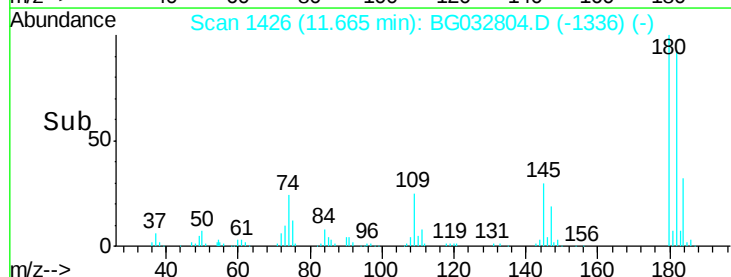
145 30.4 23.4 35.2

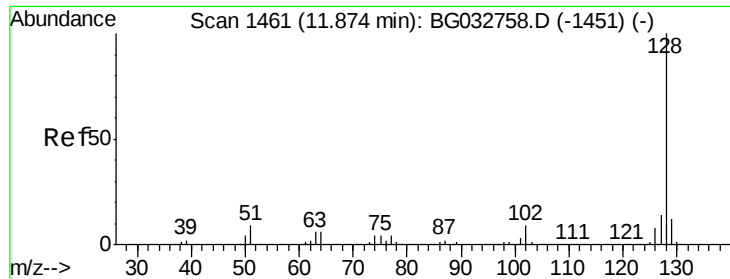


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

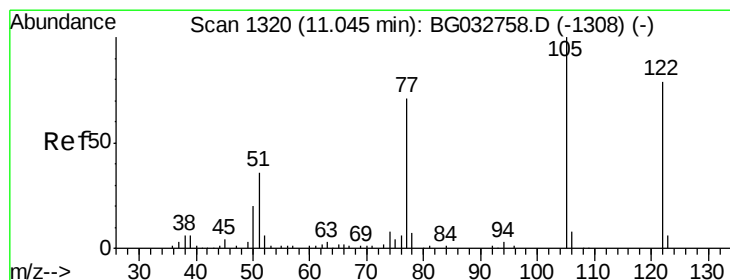
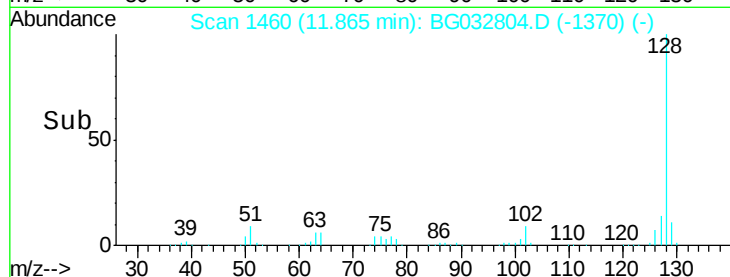
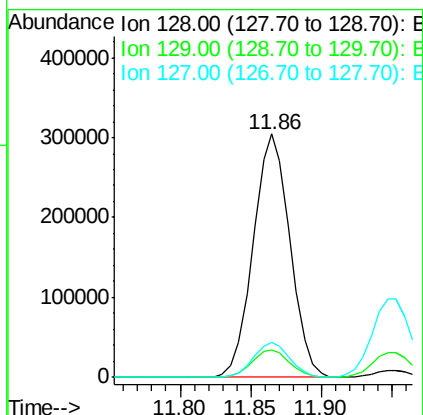
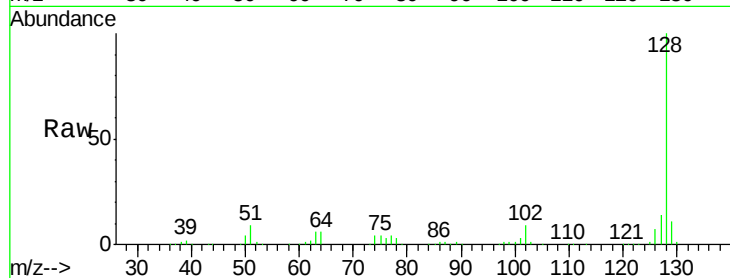




#31  
Naphthalene  
Concen: 40.18 ng  
RT: 11.86 min Scan# 1460  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

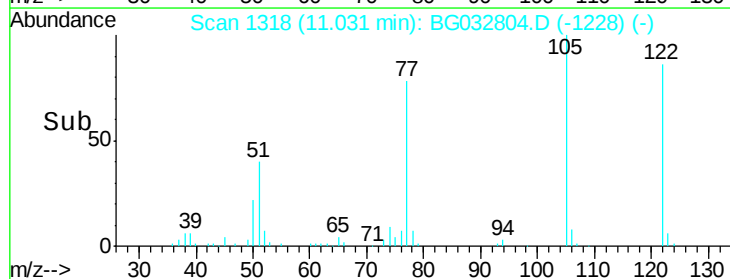
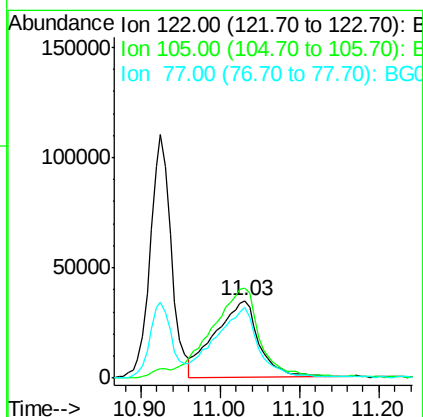
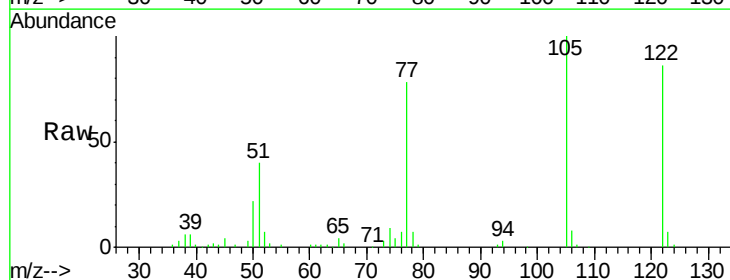
Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

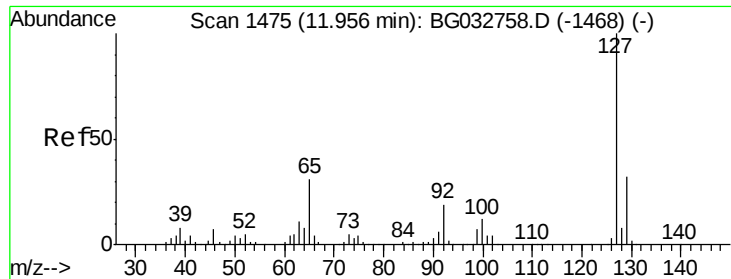
Tot Ion:128 Resp: 555372  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 12.8  
127 14.4 11.6 17.4



#32  
Benzoic acid  
Concen: 51.28 ng  
RT: 11.03 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion:122 Resp: 132877  
Ion Ratio Lower Upper  
122 100  
105 116.0 123.5 163.5#  
77 90.3 85.7 125.7

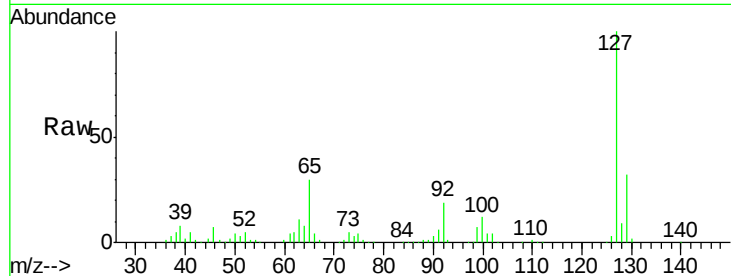




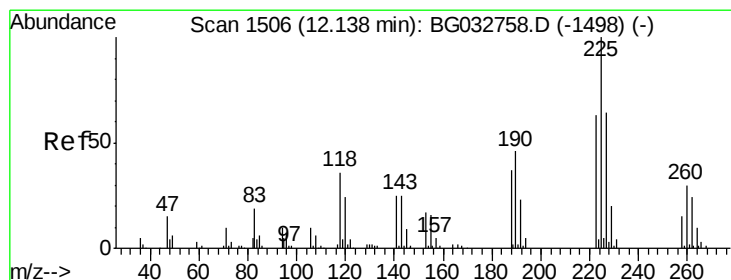
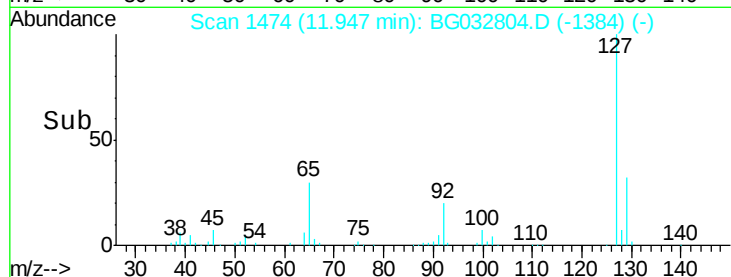
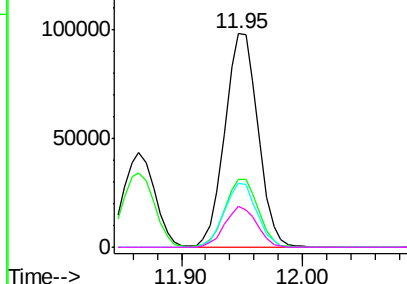
#33  
4-Chloroaniline  
Concen: 30.30 ng  
RT: 11.95 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 187258 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 24.0  | 36.0   |
| 65       | 30.2  | 27.0  | 40.4   |
| 92       | 19.5  | 16.6  | 25.0   |

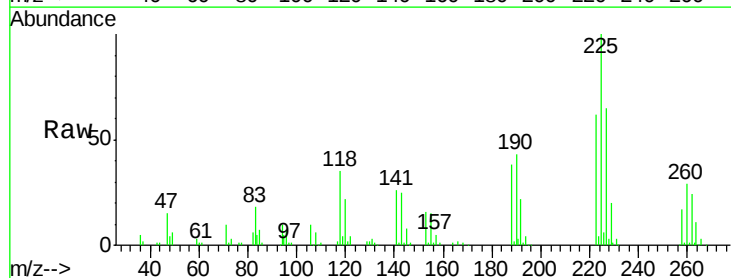


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

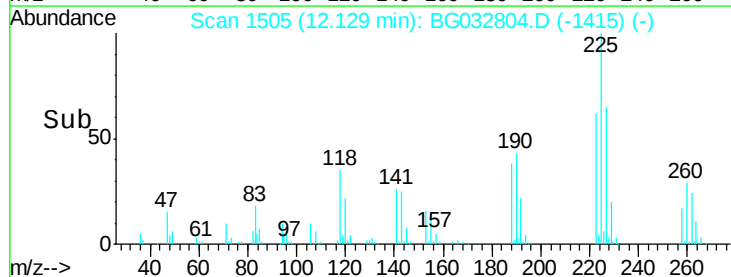
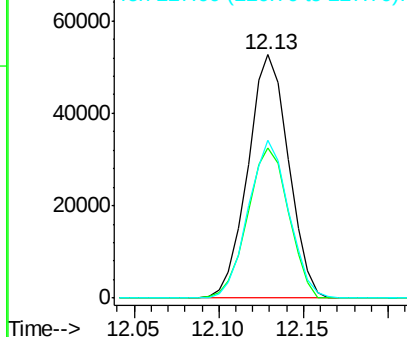


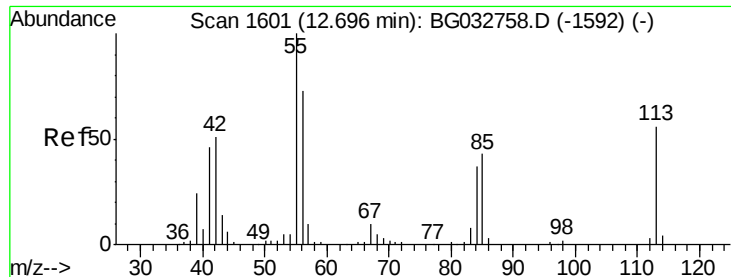
#34  
Hexachlorobutadiene  
Concen: 36.68 ng  
RT: 12.13 min Scan# 1505  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 88274 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.8  | 49.7  | 74.5  |
| 227      | 64.7  | 48.1  | 72.1  |



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





#35

Caprolactam

Concen: 52.26 ng

RT: 12.69 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

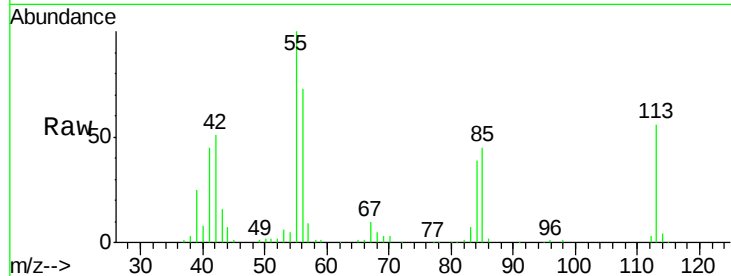
Tot Ion:113 Resp: 76597

Ion Ratio Lower Upper

113 100

55 177.8 186.9 226.9#

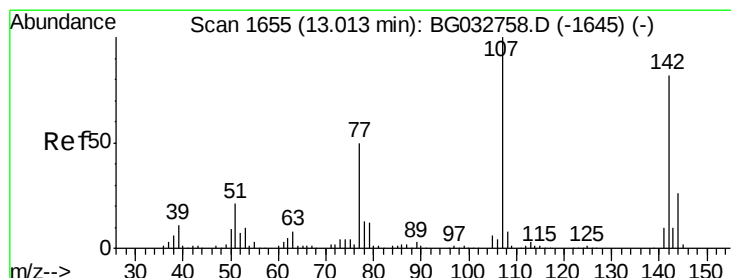
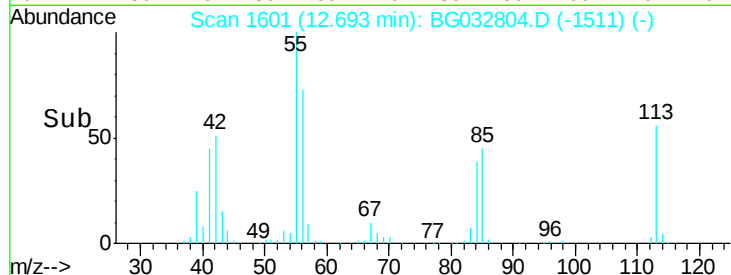
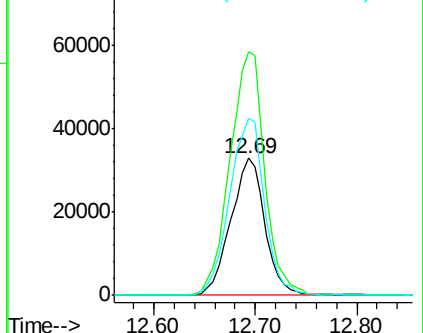
56 129.1 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.07 ng

RT: 13.01 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

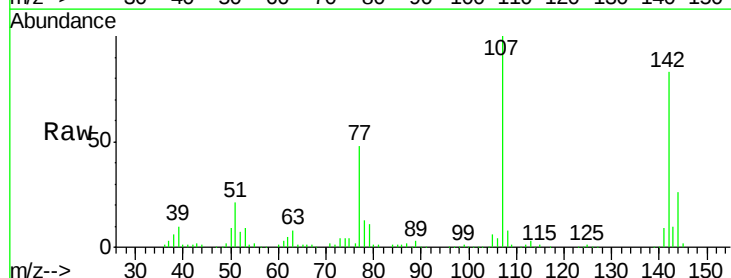
Tgt Ion:107 Resp: 209045

Ion Ratio Lower Upper

107 100

144 26.3 18.2 27.4

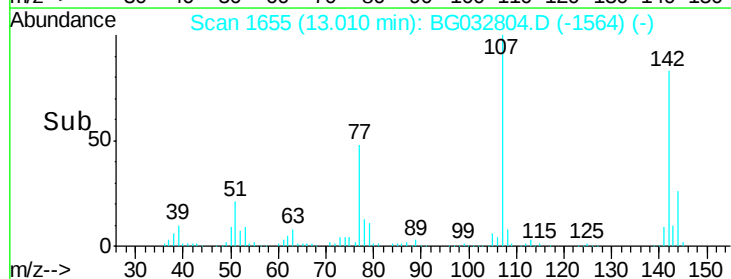
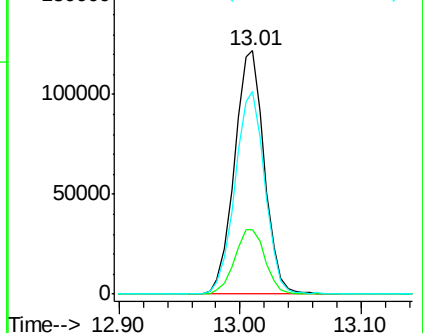
142 83.0 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

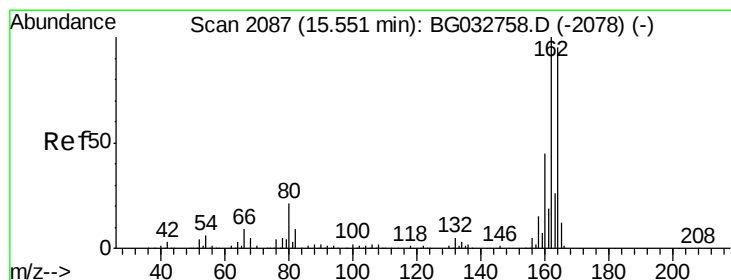
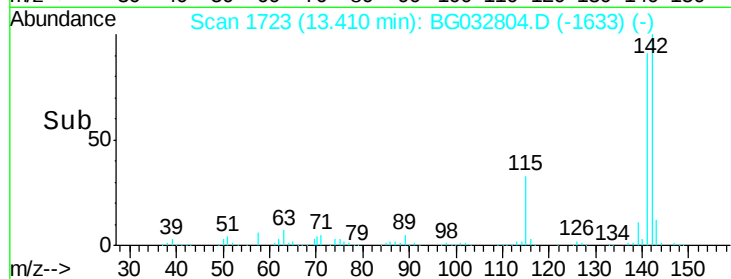
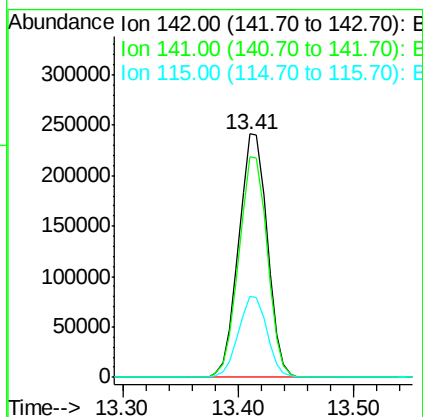
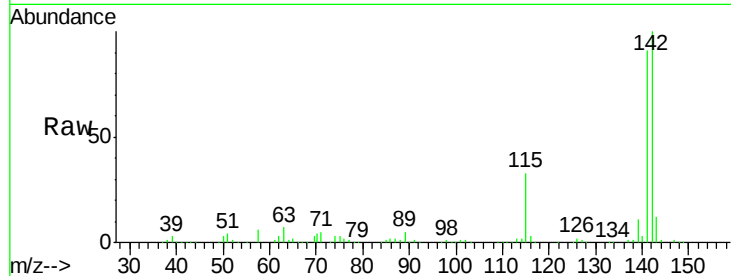




#37  
2-Methylnaphthalene  
Concen: 41.70 ng  
RT: 13.41 min Scan# 1723  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

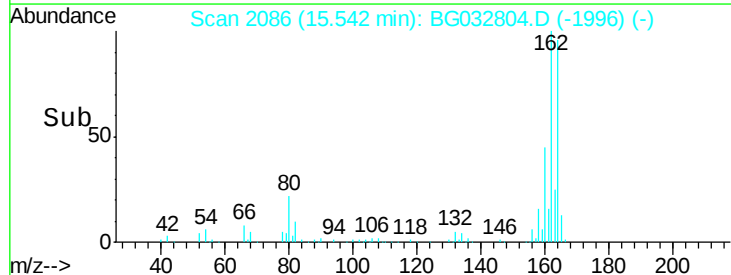
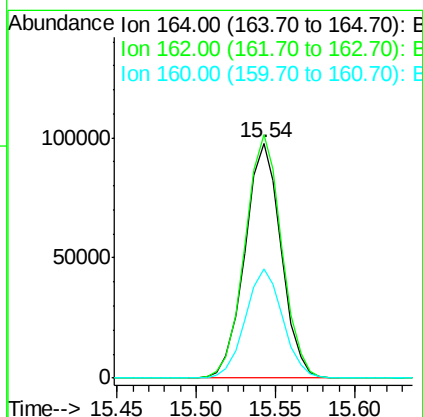
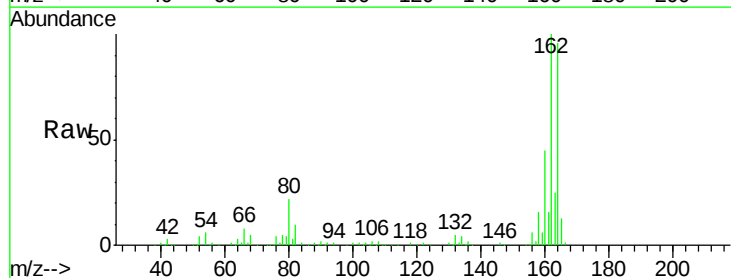
Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

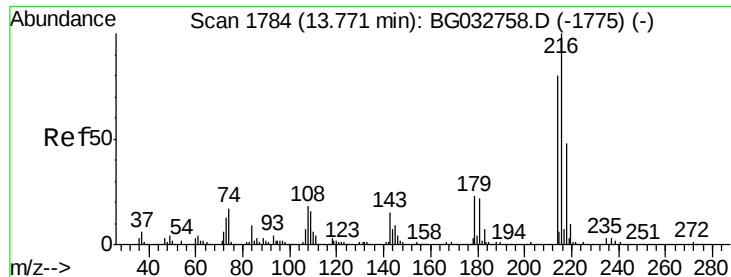
Tot Ion:142 Resp: 416951  
Ion Ratio Lower Upper  
142 100  
141 90.6 67.1 100.7  
115 33.2 30.7 46.1



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.54 min Scan# 2086  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion:164 Resp: 154811  
Ion Ratio Lower Upper  
164 100  
162 103.7 78.8 118.2  
160 46.7 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.37 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

Tot Ion:216 Resp: 171730

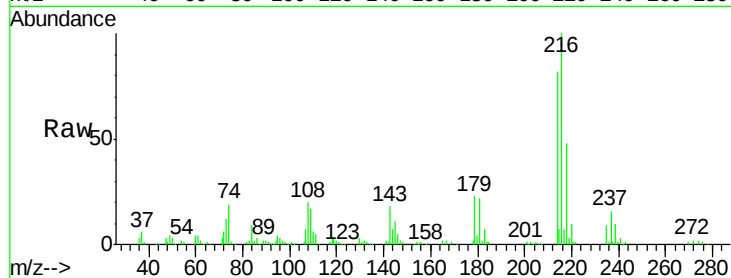
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 22.8 17.0 25.6

108 23.2 12.8 19.2#

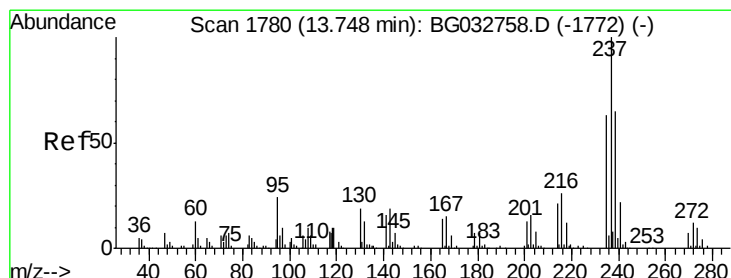
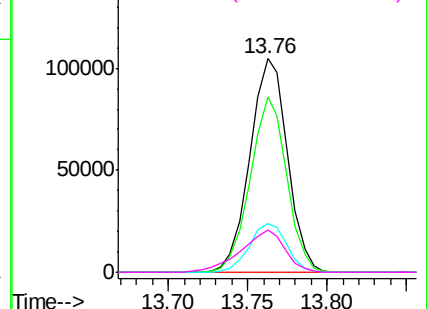
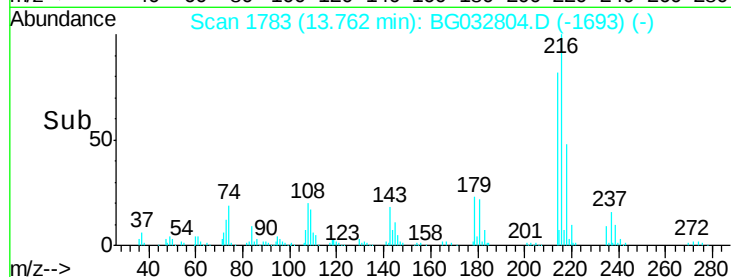


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 91.97 ng

RT: 13.74 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

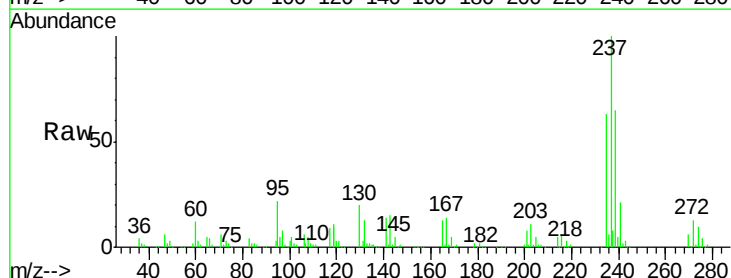
Tgt Ion:237 Resp: 215397

Ion Ratio Lower Upper

237 100

235 63.4 50.4 90.4

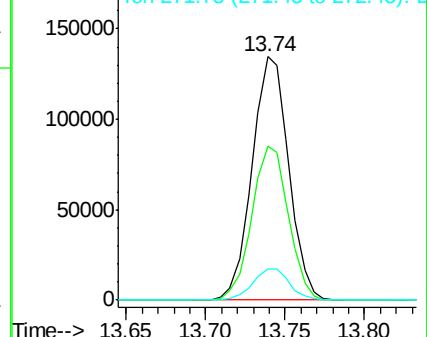
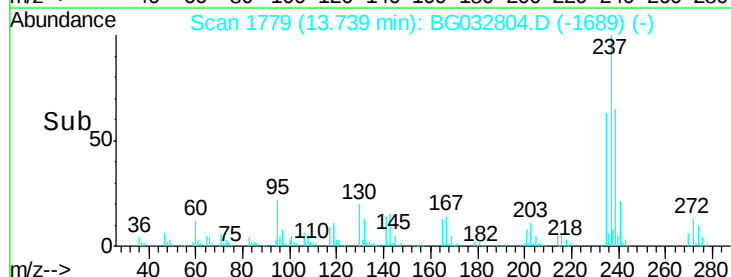
272 12.5 0.0 31.8

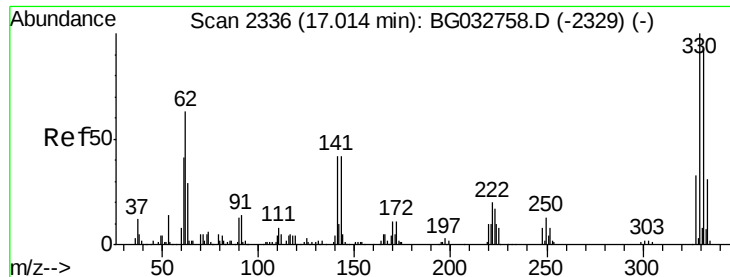


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

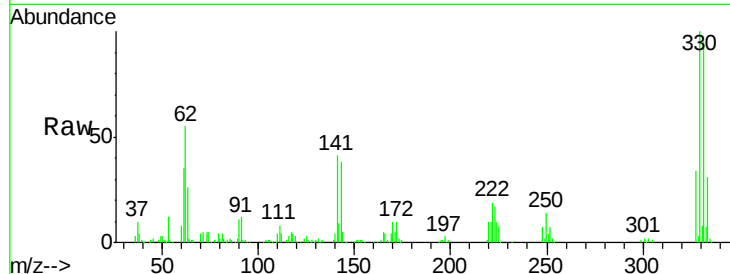




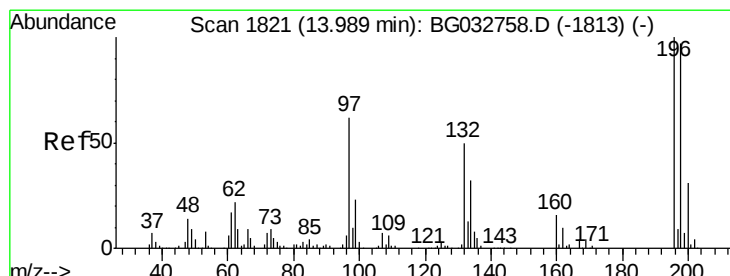
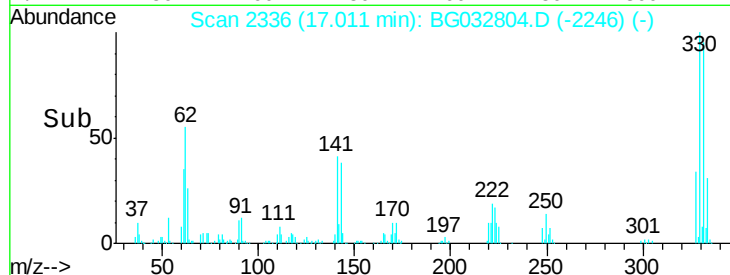
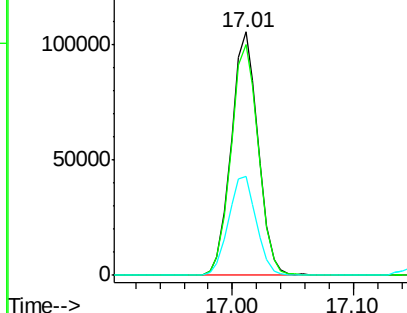
#41  
 2,4,6-Tribromophenol  
 Concen: 100.59 ng  
 RT: 17.01 min Scan# 2336  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106787BS

Tot Ion:330 Resp: 163741  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 77.0 115.6  
 141 41.9 25.2 37.8#

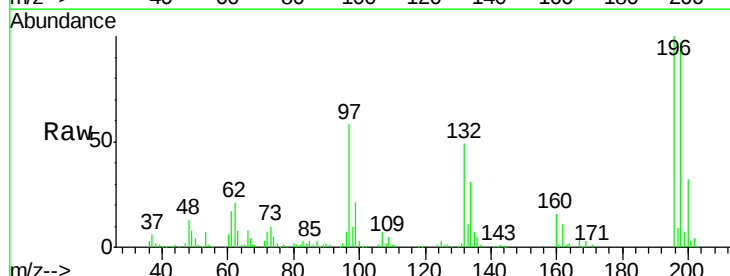


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

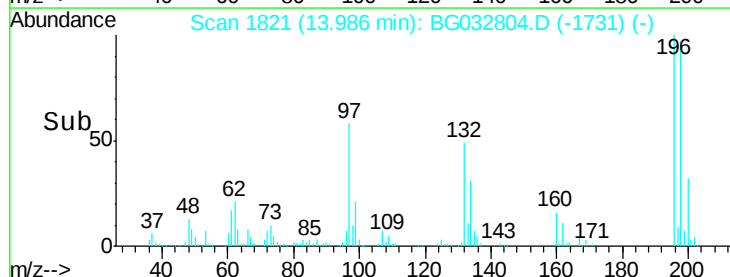
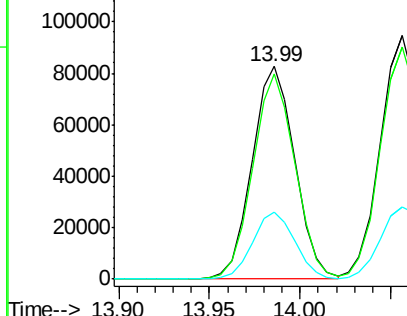


#42  
 2,4,6-Trichlorophenol  
 Concen: 46.60 ng  
 RT: 13.99 min Scan# 1821  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Tgt Ion:196 Resp: 135043  
 Ion Ratio Lower Upper  
 196 100  
 198 96.7 78.2 117.2  
 200 31.6 24.6 36.8



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

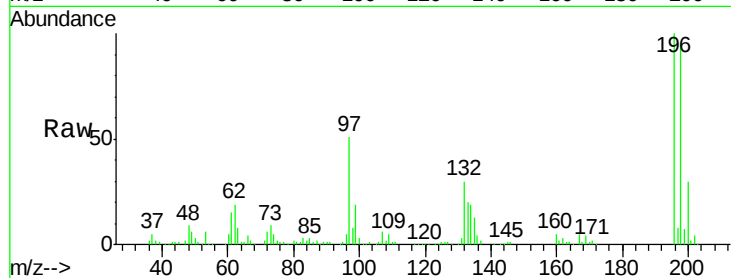




#43  
 2,4,5-Trichlorophenol  
 Concen: 45.46 ng  
 RT: 14.06 min Scan# 1833  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106787BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.2  | 76.2  | 114.4 |
| 97      | 50.8  | 38.7  | 58.1  |
| 132     | 30.3  | 20.2  | 30.2# |



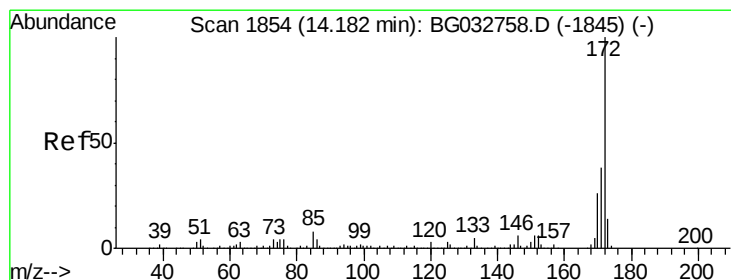
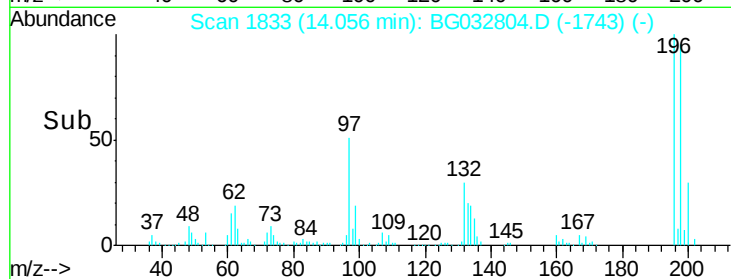
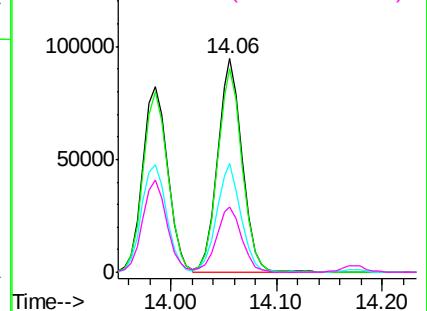
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

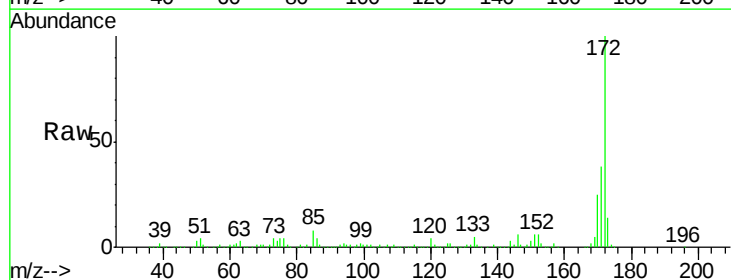
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 80.21 ng  
 RT: 14.17 min Scan# 1853  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.3  | 30.0  | 45.0  |
| 170     | 25.4  | 19.5  | 29.3  |

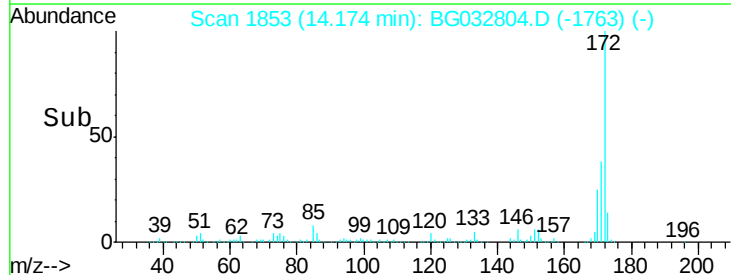
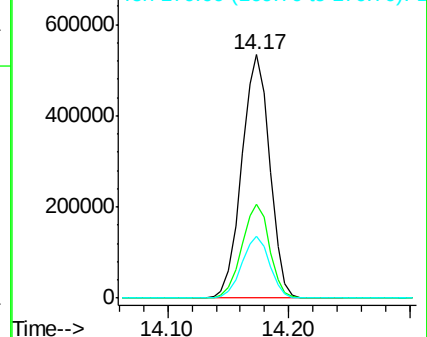


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

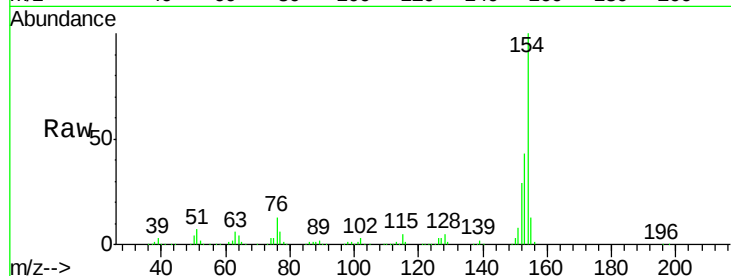




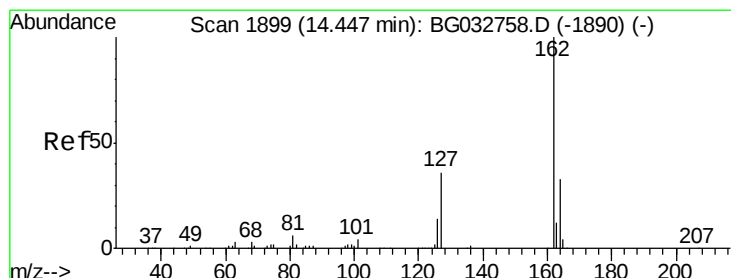
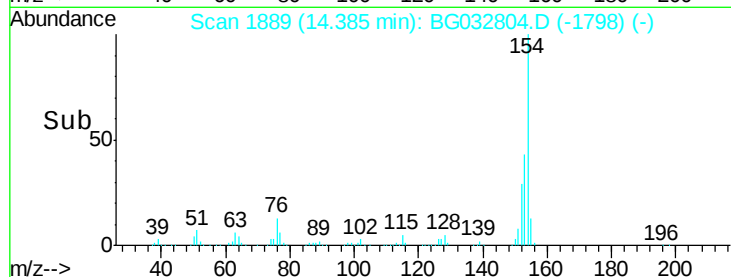
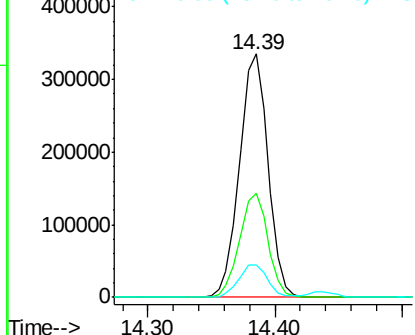
#45  
 1,1'-Biphenyl  
 Concen: 38.47 ng  
 RT: 14.39 min Scan# 1889  
 Delta R.T. 0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB106787BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 154   | Resp: | 520463 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 42.6  | 19.8  | 59.8   |
| 76       | 13.1  | 0.0   | 31.9   |

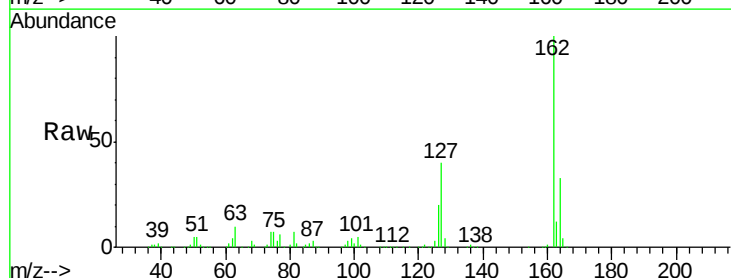


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

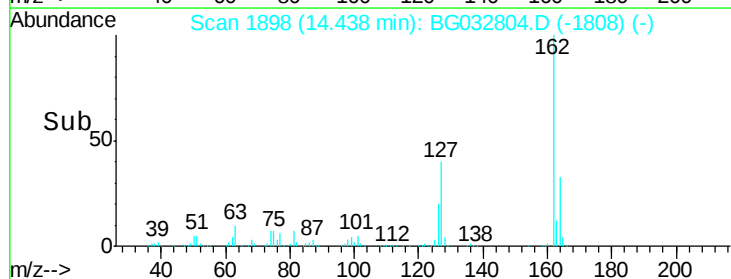
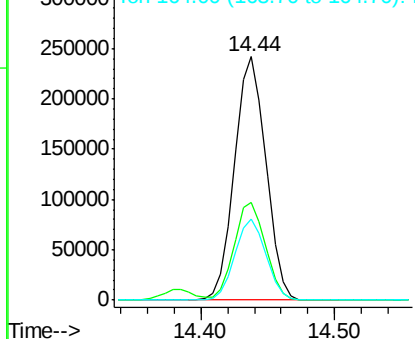


#46  
 2-Chloronaphthalene  
 Concen: 39.05 ng  
 RT: 14.44 min Scan# 1898  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 394602 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 40.1  | 30.7  | 46.1   |
| 164      | 33.1  | 26.0  | 39.0   |



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

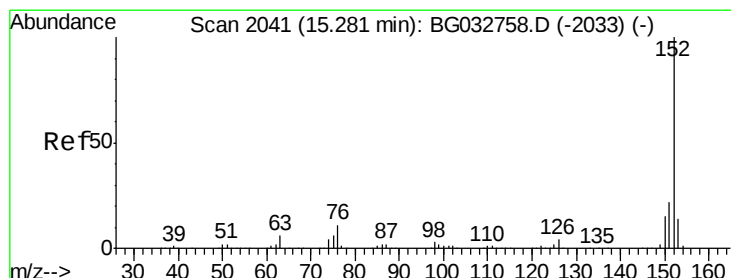
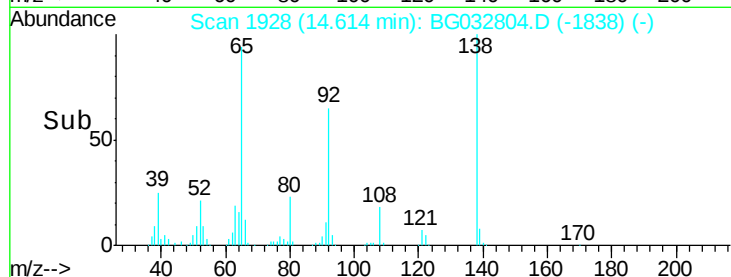
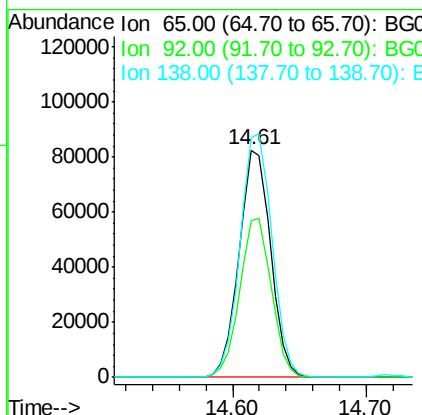
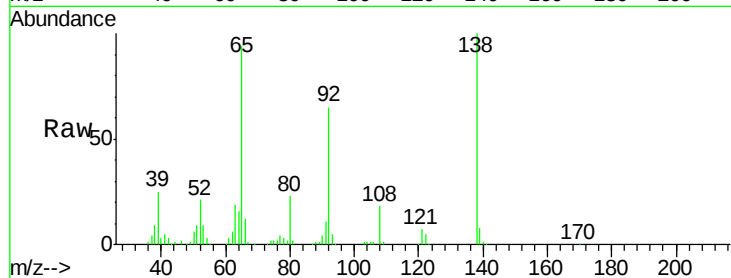




#47  
2-Nitroaniline  
Concen: 51.96 ng  
RT: 14.61 min Scan# 1928  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

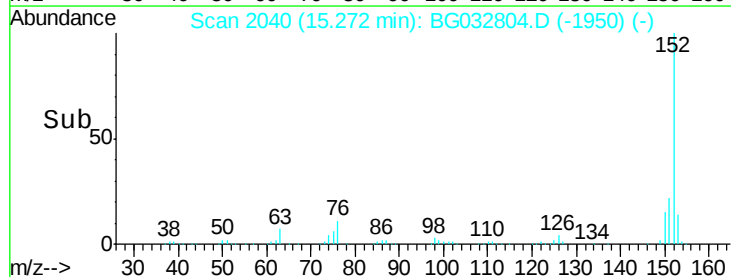
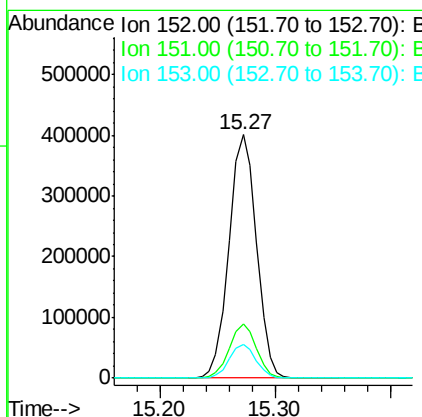
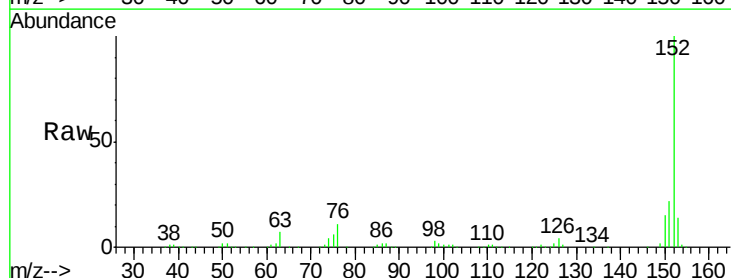
Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

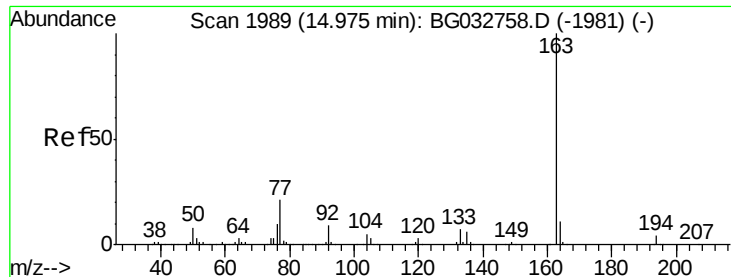
Tot Ion: 65 Resp: 135020  
Ion Ratio Lower Upper  
65 100  
92 68.8 54.6 82.0  
138 105.9 72.9 109.3



#48  
Acenaphthylene  
Concen: 39.84 ng  
RT: 15.27 min Scan# 2040  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion: 152 Resp: 659138  
Ion Ratio Lower Upper  
152 100  
151 22.1 17.2 25.8  
153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 40.71 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

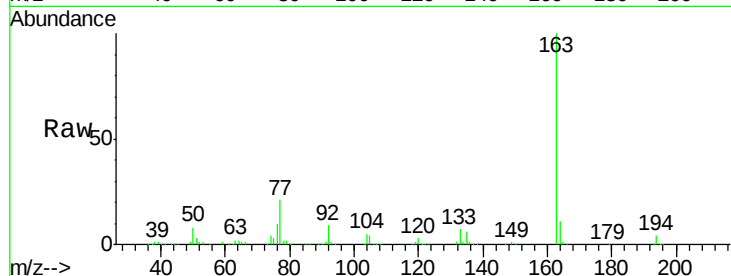
Tot Ion:163 Resp: 535143

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

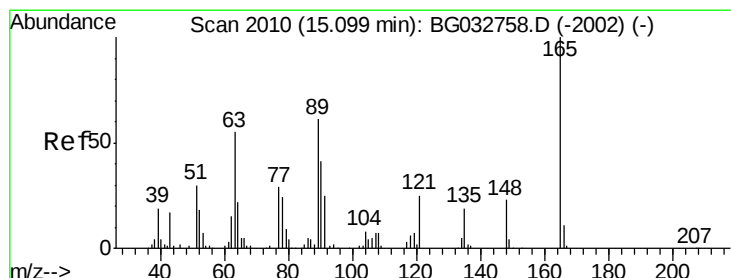
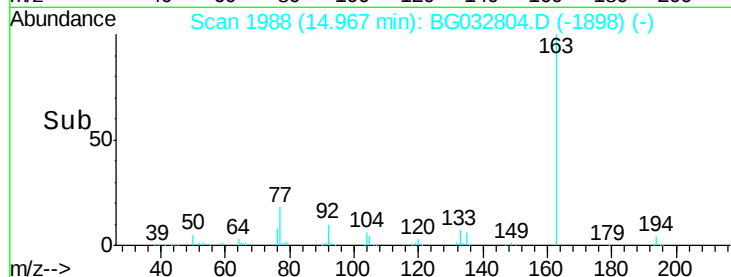
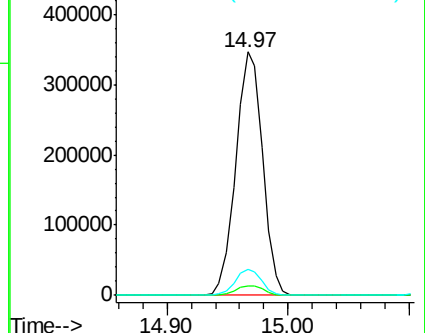
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.62 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

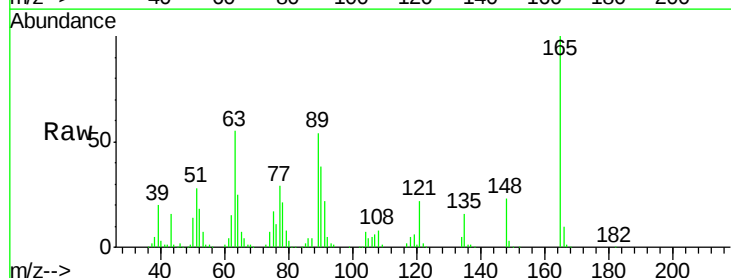
Tgt Ion:165 Resp: 116775

Ion Ratio Lower Upper

165 100

63 54.7 52.7 79.1

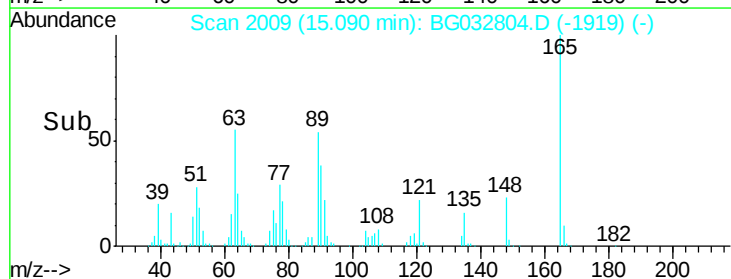
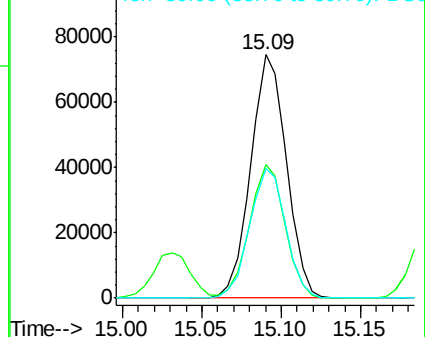
89 53.5 49.2 73.8

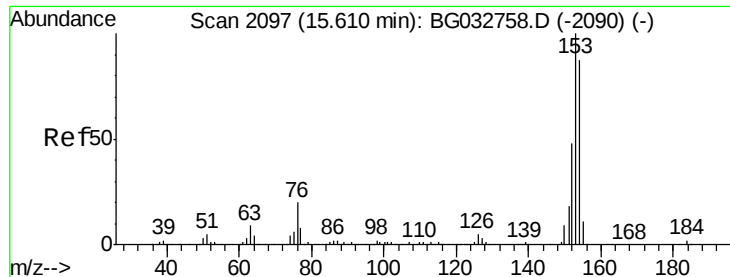


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.19 ng

RT: 15.61 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

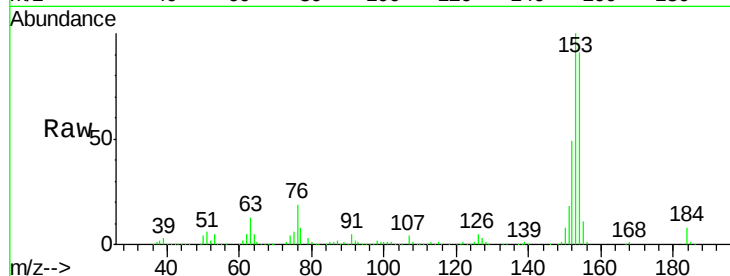
Tot Ion:154 Resp: 445000

Ion Ratio Lower Upper

154 100

153 109.7 90.4 135.6

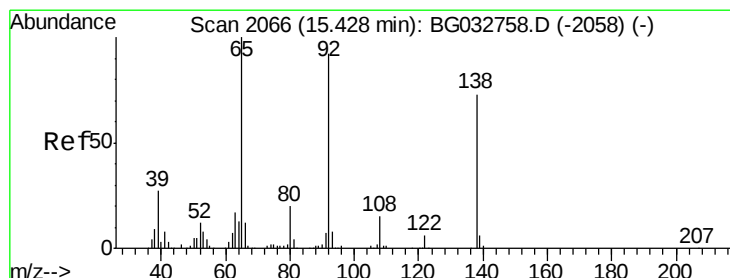
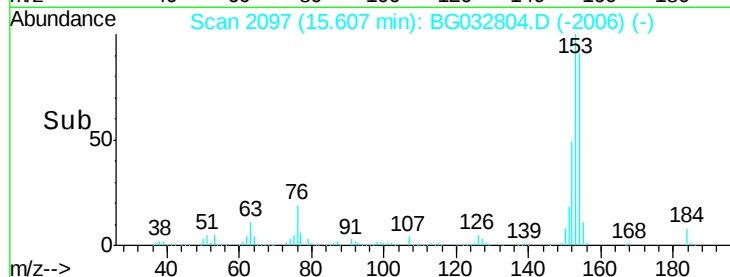
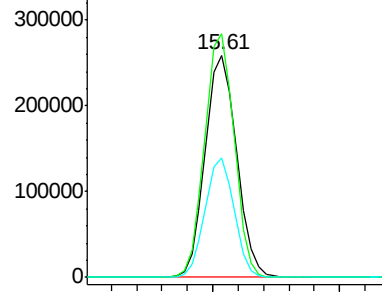
152 53.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.34 ng

RT: 15.42 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

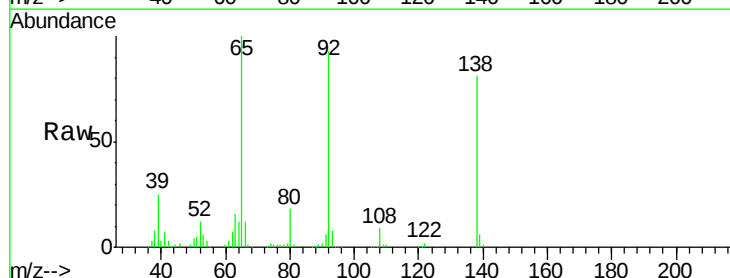
Tgt Ion:138 Resp: 107932

Ion Ratio Lower Upper

138 100

108 11.6 17.5 26.3#

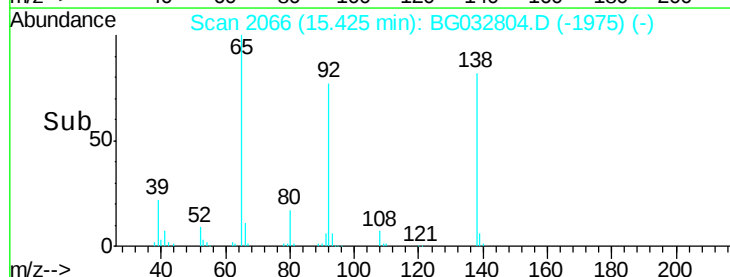
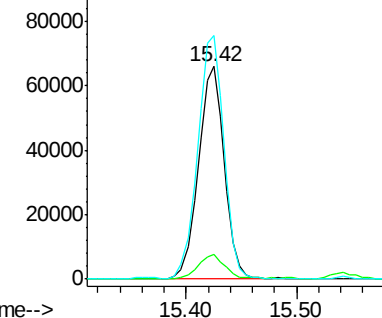
92 114.7 105.8 158.8

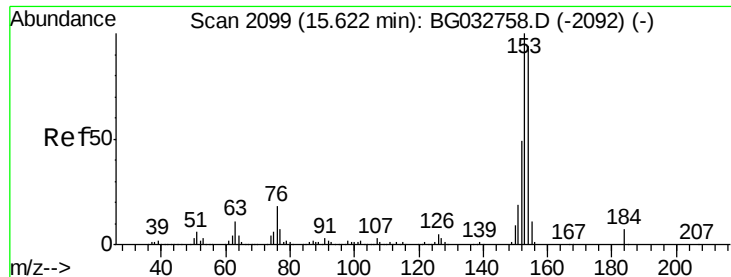


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

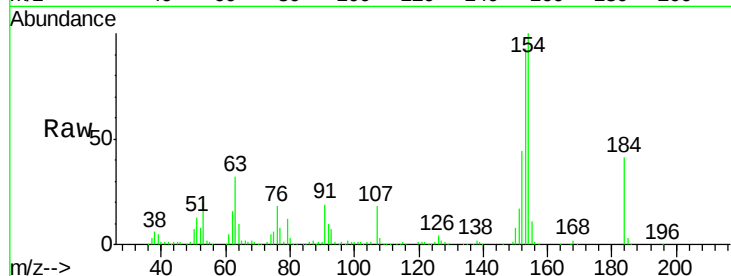




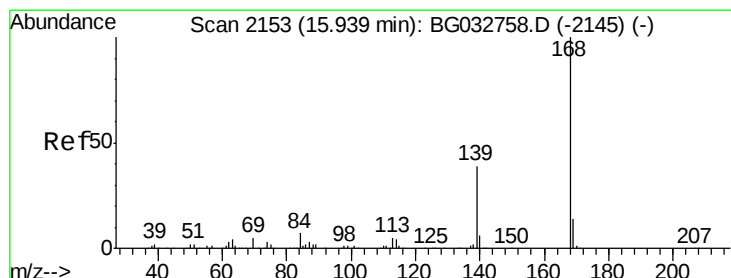
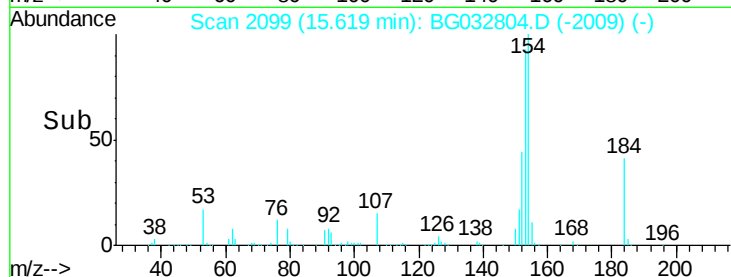
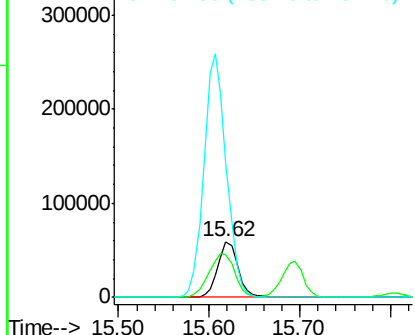
#53  
2,4-Dinitrophenol  
Concen: 115.23 ng  
RT: 15.62 min Scan# 2099  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

Tot Ion:184 Resp: 92475  
Ion Ratio Lower Upper  
184 100  
63 76.2 59.8 89.8  
154 241.8 101.8 152.8#

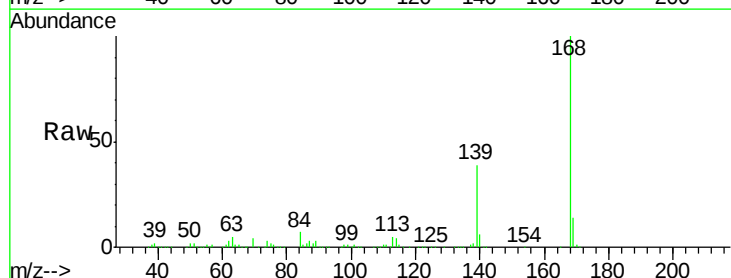


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

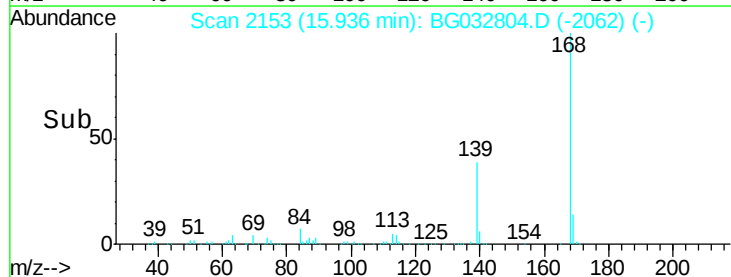
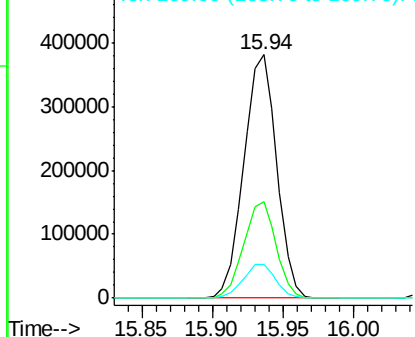


#54  
Dibenzofuran  
Concen: 42.36 ng  
RT: 15.94 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion:168 Resp: 621475  
Ion Ratio Lower Upper  
168 100  
139 39.4 28.6 43.0  
169 13.8 11.2 16.8



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

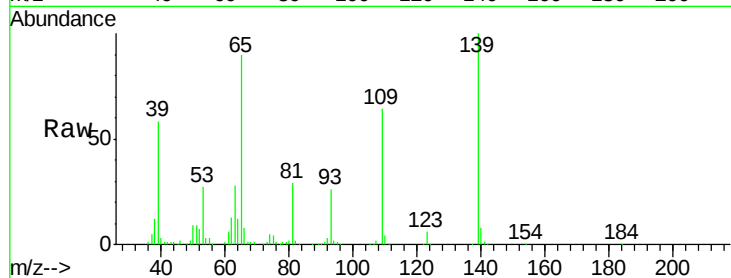




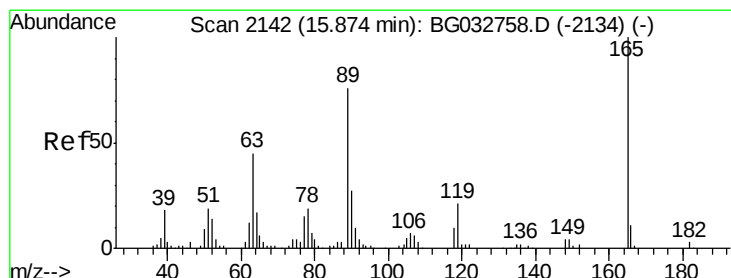
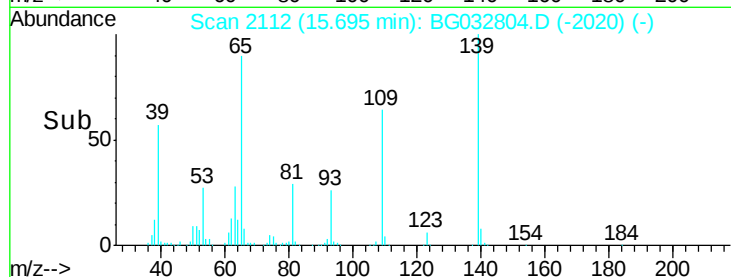
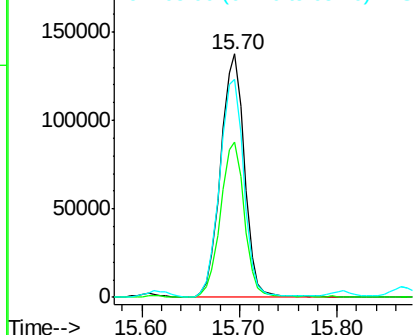
#55  
4-Nitrophenol  
Concen: 106.03 ng  
RT: 15.70 min Scan# 2112  
Delta R.T. 0.01 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

Tot Ion:139 Resp: 233686  
Ion Ratio Lower Upper  
139 100  
109 63.9 62.2 102.2  
65 89.7 97.2 137.2#

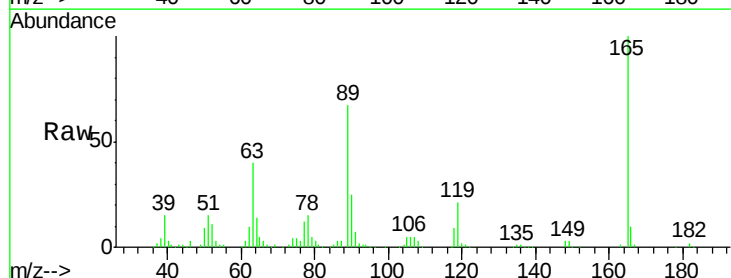


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BGC

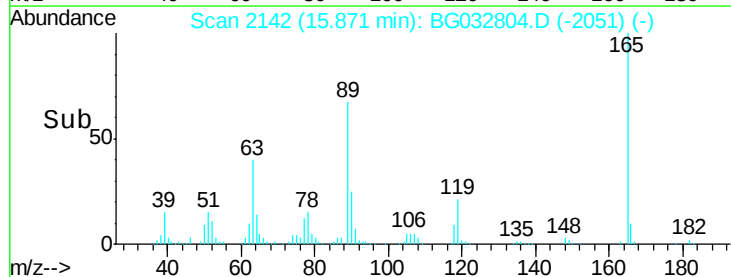
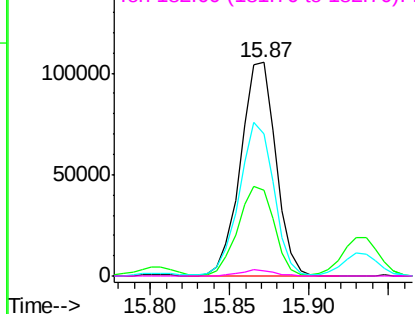


#56  
2,4-Dinitrotoluene  
Concen: 59.92 ng  
RT: 15.87 min Scan# 2142  
Delta R.T. 0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion:165 Resp: 163038  
Ion Ratio Lower Upper  
165 100  
63 40.3 42.0 63.0#  
89 66.5 66.9 100.3#  
182 2.4 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.10 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

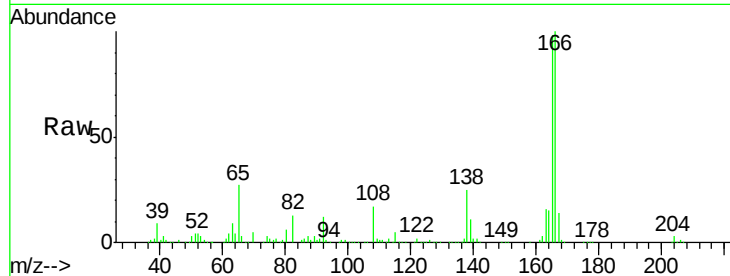
Tot Ion:166 Resp: 509791

Ion Ratio Lower Upper

166 100

165 97.5 80.6 121.0

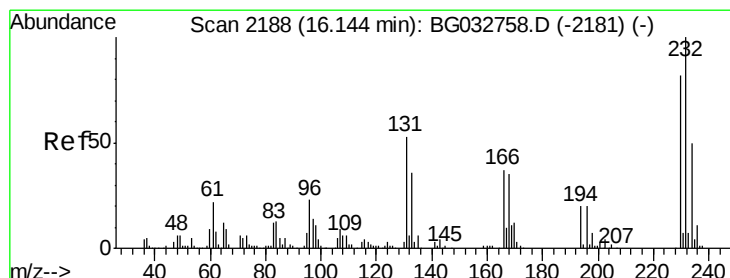
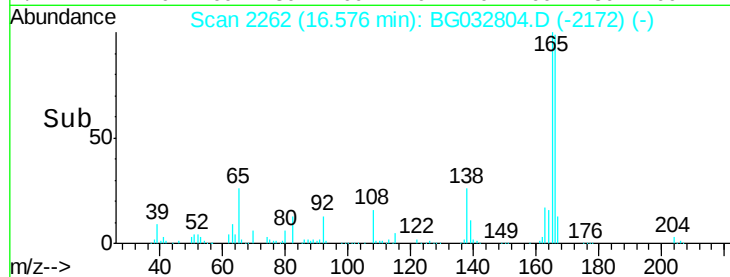
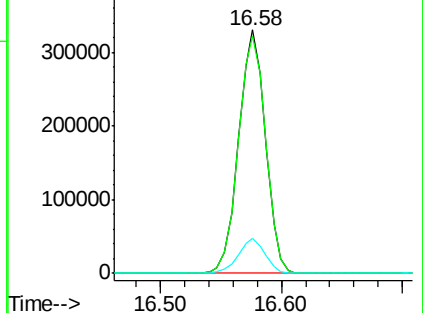
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.76 ng m

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Tgt Ion:232 Resp: 134795

Ion Ratio Lower Upper

232 100

131 43.5 33.5 50.3

130 2.9 2.2 3.2

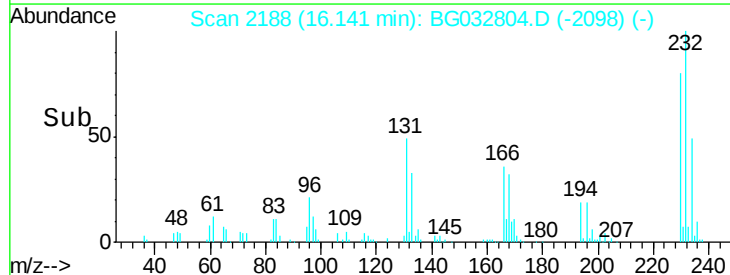
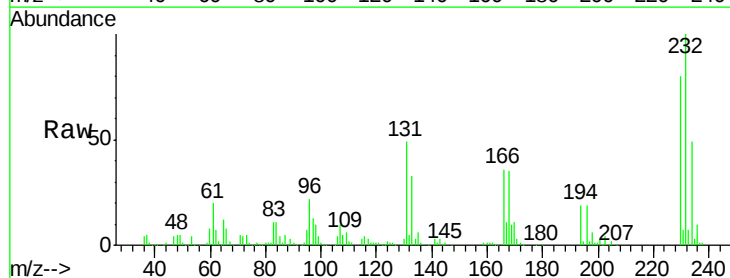
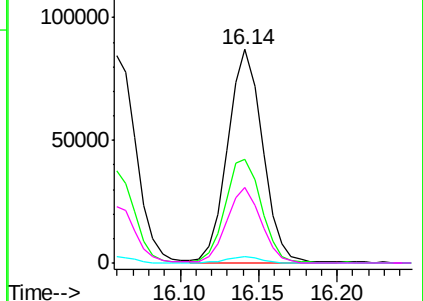
166 26.9 24.8 37.2

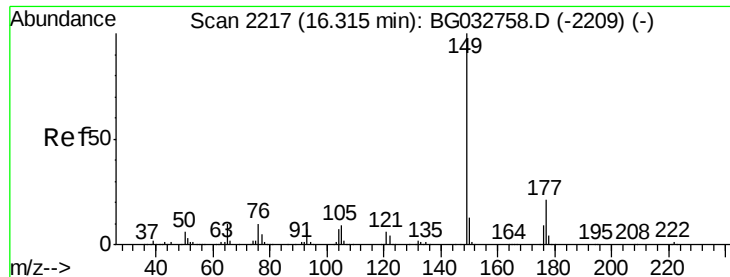
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

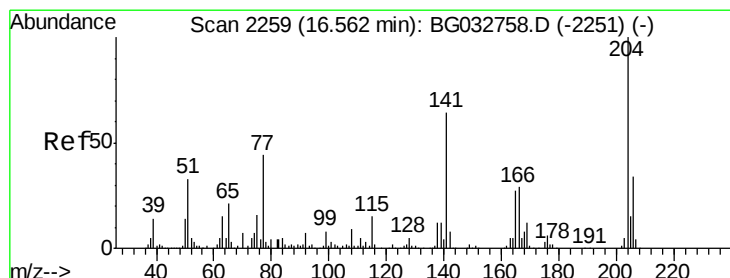
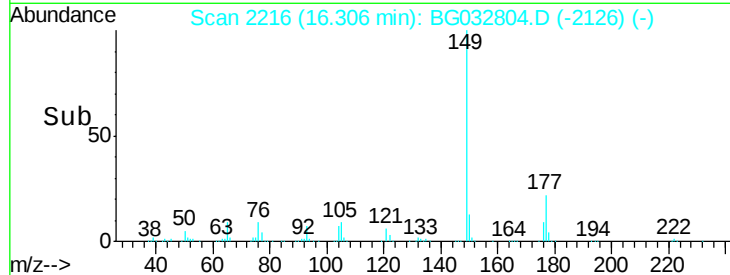
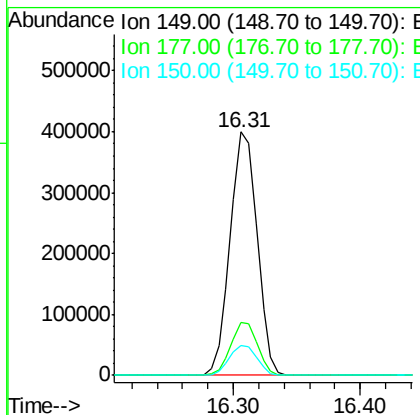
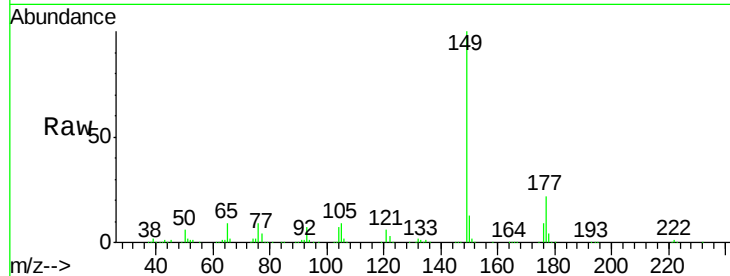




#59  
Diethylphthalate  
Concen: 42.35 ng  
RT: 16.31 min Scan# 2216  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

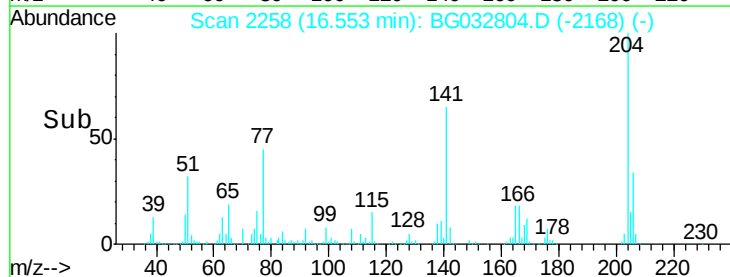
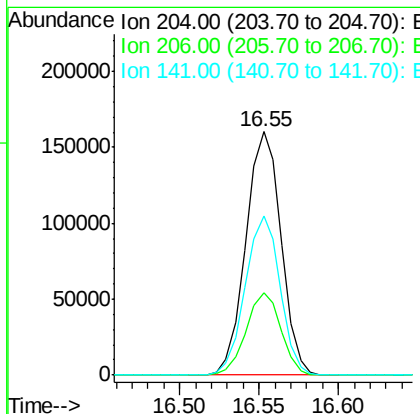
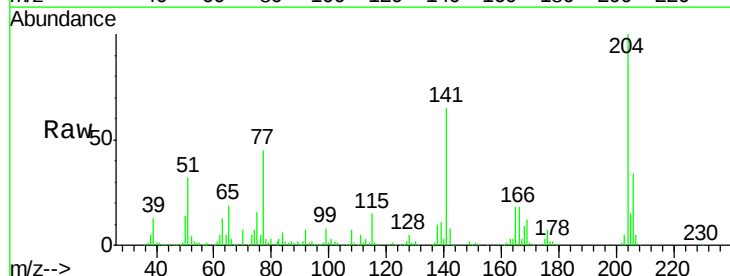
Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

Tot Ion:149 Resp: 587208  
Ion Ratio Lower Upper  
149 100  
177 21.8 18.5 27.7  
150 12.5 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 41.77 ng  
RT: 16.55 min Scan# 2258  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion:204 Resp: 247410  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.2 39.2  
141 65.4 45.8 68.6

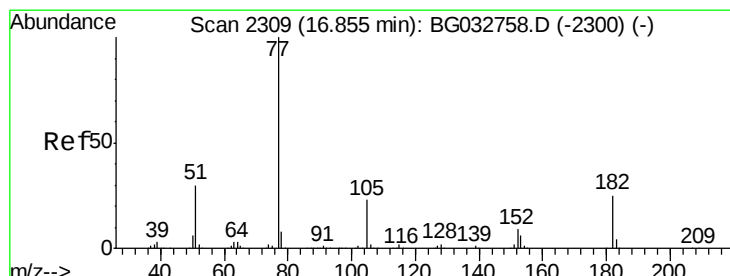
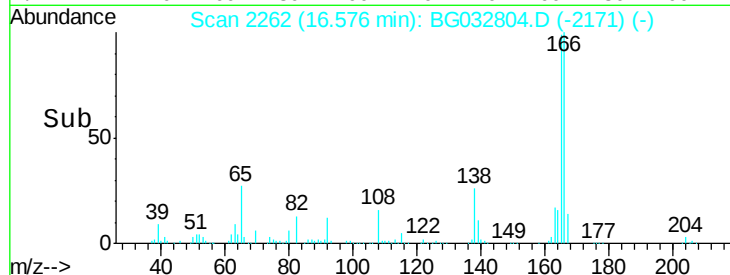
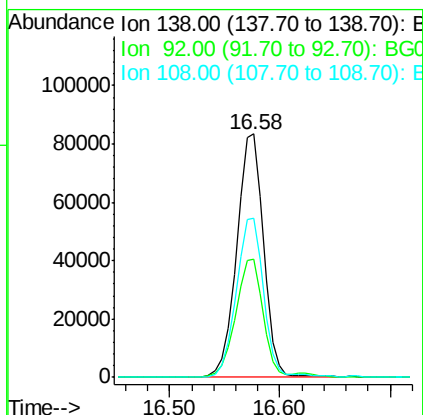
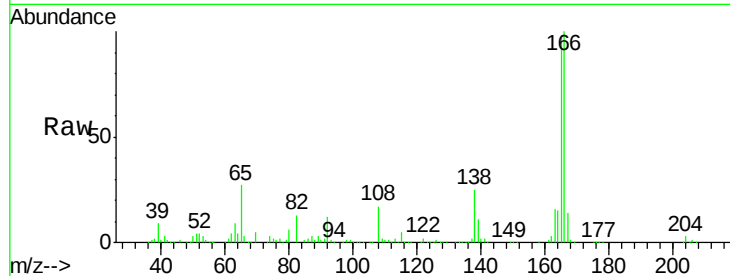




#61  
4-Nitroaniline  
Concen: 50.00 ng  
RT: 16.58 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

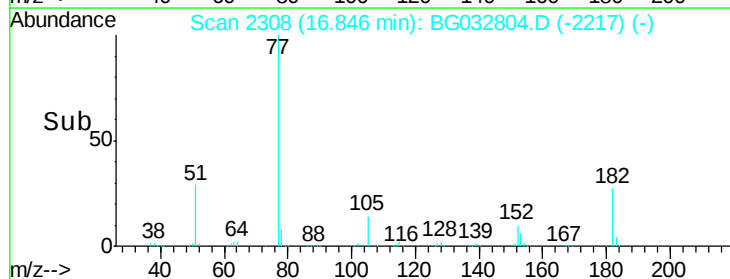
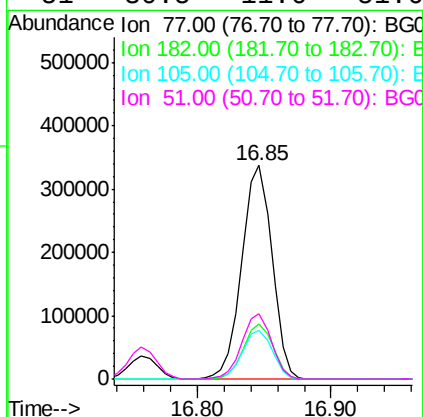
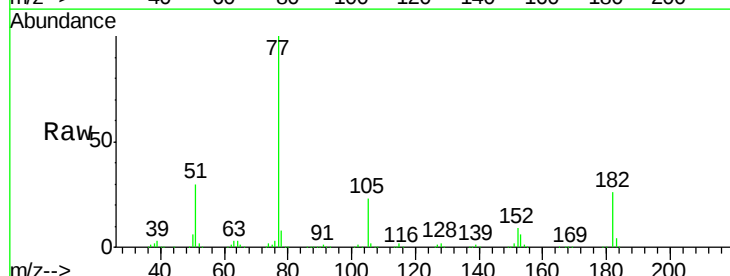
Instrument :  
BNA\_G  
ClientSampled :  
PB106787BS

Tot Ion:138 Resp: 143006  
Ion Ratio Lower Upper  
138 100  
92 48.8 40.1 80.1  
108 65.5 65.4 105.4



#62  
Azobenzene  
Concen: 42.50 ng  
RT: 16.85 min Scan# 2308  
Delta R.T. 0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion: 77 Resp: 527181  
Ion Ratio Lower Upper  
77 100  
182 25.7 7.4 47.4  
105 22.9 0.3 40.3  
51 30.5 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

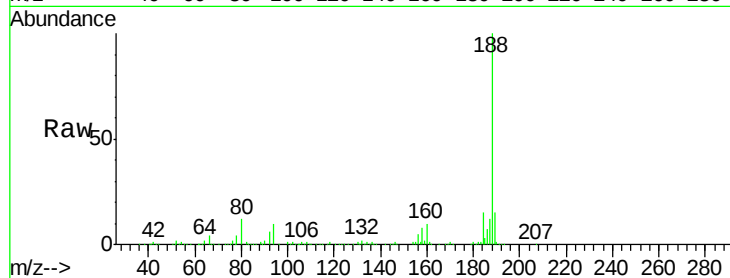
Tot Ion:188 Resp: 369949

Ion Ratio Lower Upper

188 100

94 10.2 6.9 10.3

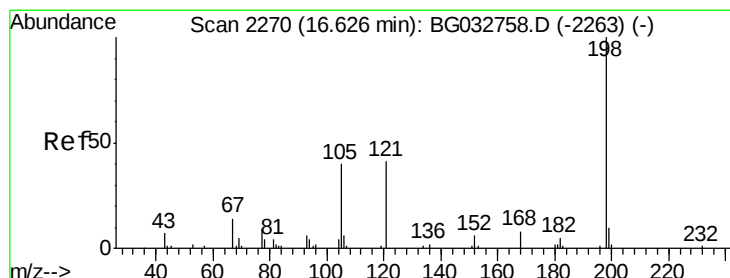
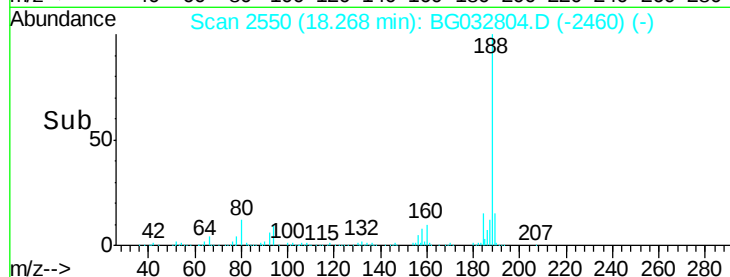
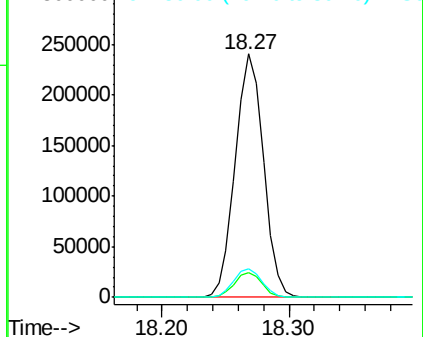
80 11.8 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 57.41 ng

RT: 16.62 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

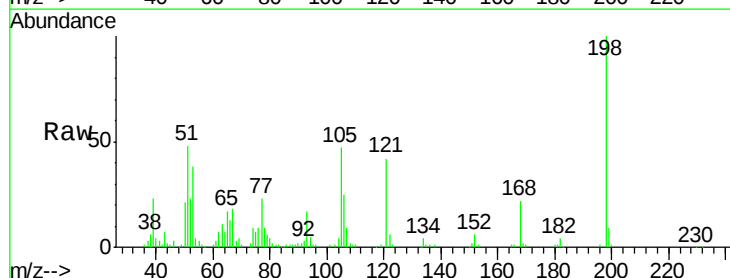
Tgt Ion:198 Resp: 66778

Ion Ratio Lower Upper

198 100

51 48.4 30.6 70.6

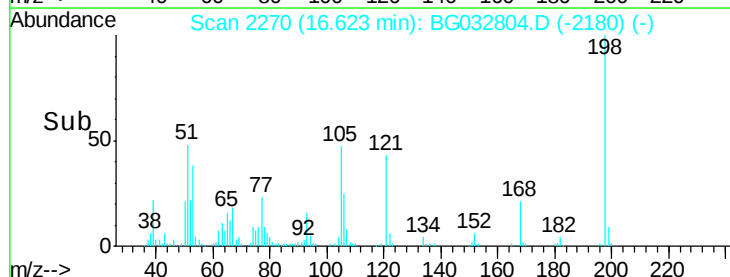
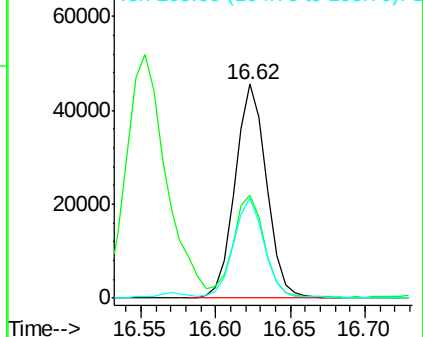
105 47.1 23.8 63.8

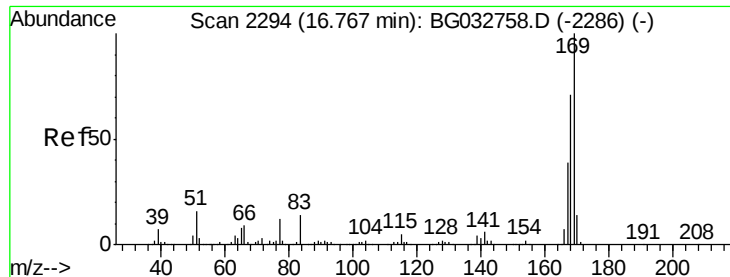


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

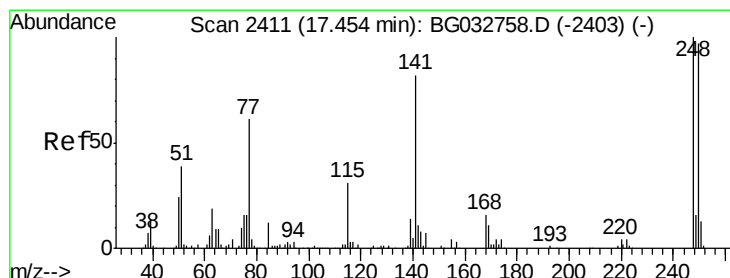
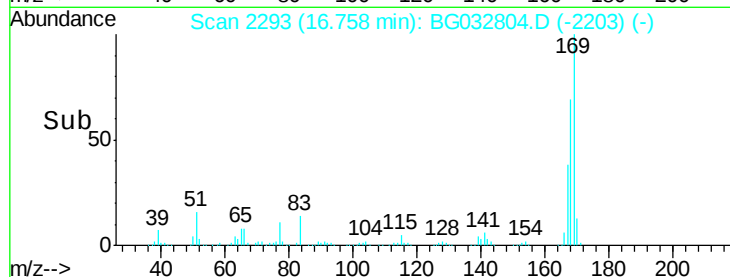
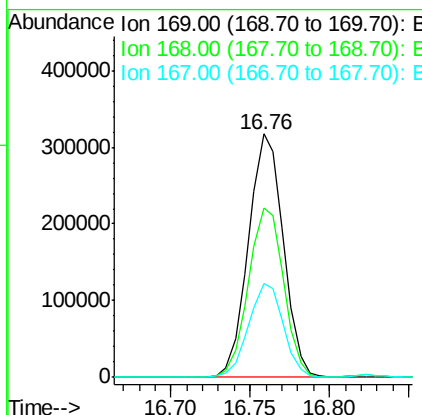
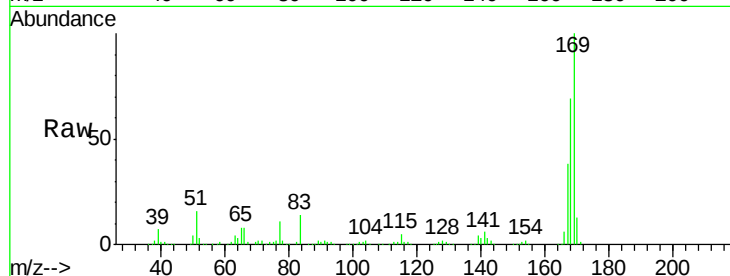




#65  
 n-Nitrosodiphenylamine  
 Concen: 40.27 ng  
 RT: 16.76 min Scan# 2293  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

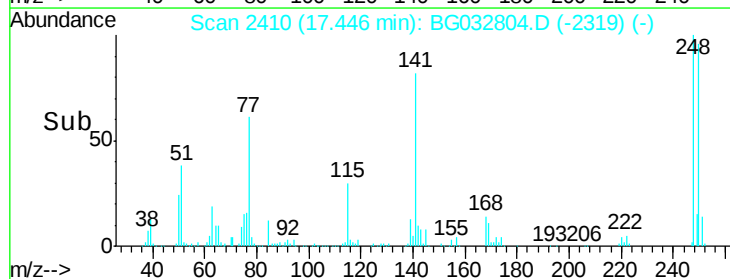
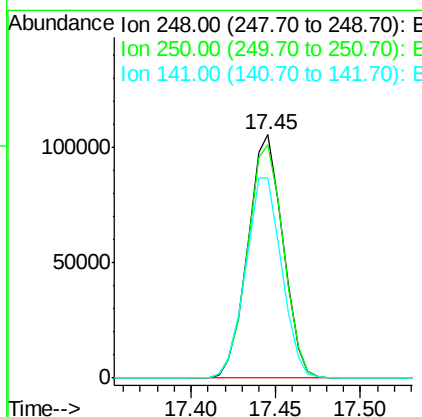
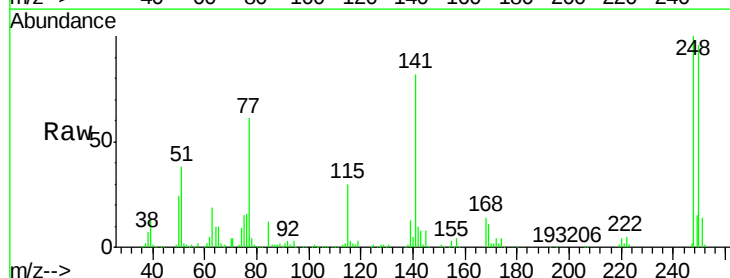
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106787BS

Tot Ion:169 Resp: 484615  
 Ion Ratio Lower Upper  
 169 100  
 168 69.3 55.7 83.5  
 167 38.3 30.1 45.1



#66  
 4-Bromophenyl-phenylether  
 Concen: 38.93 ng  
 RT: 17.45 min Scan# 2410  
 Delta R.T. 0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Tgt Ion:248 Resp: 152295  
 Ion Ratio Lower Upper  
 248 100  
 250 95.6 77.1 115.7  
 141 82.2 50.8 76.2#





#67

Hexachlorobenzene

Concen: 38.13 ng

RT: 17.57 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

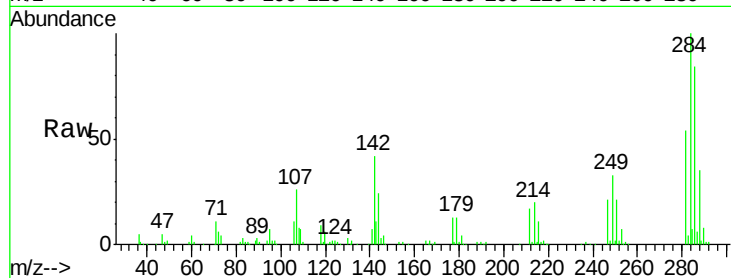
Tot Ion:284 Resp: 161208

Ion Ratio Lower Upper

284 100

142 41.6 26.8 40.2#

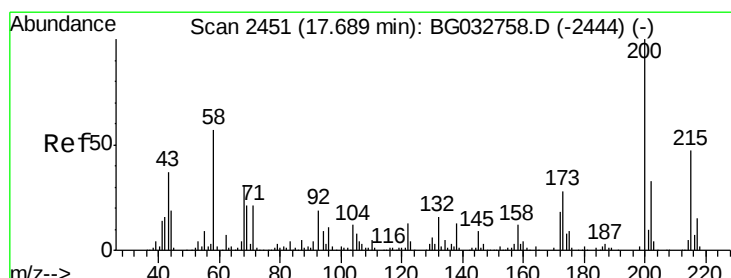
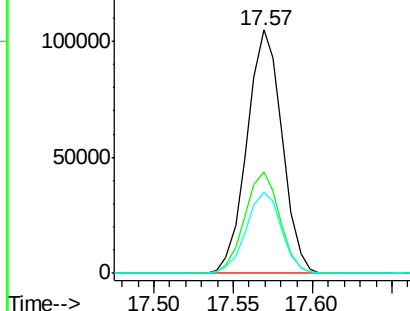
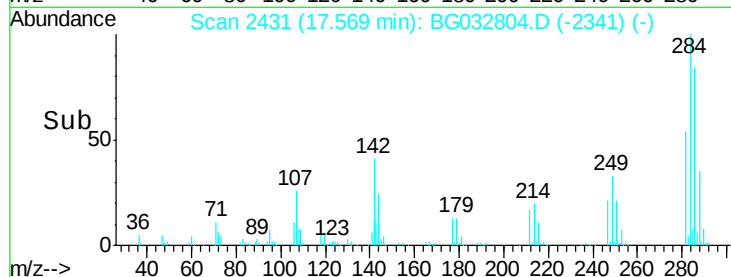
249 33.1 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.98 ng

RT: 17.68 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

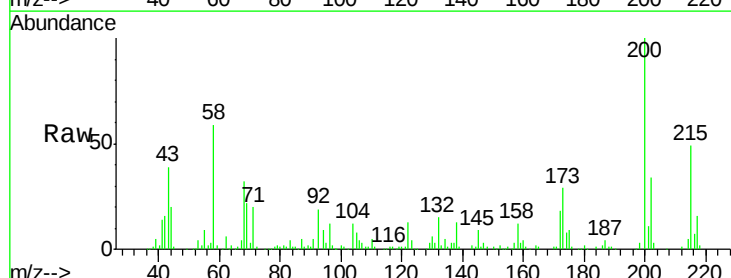
Tgt Ion:200 Resp: 174216

Ion Ratio Lower Upper

200 100

173 28.7 5.2 45.2

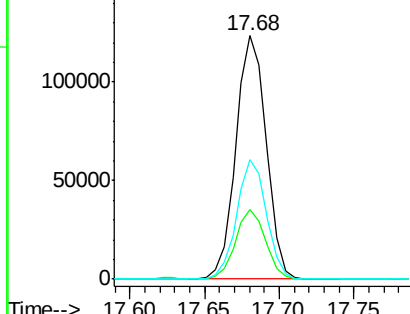
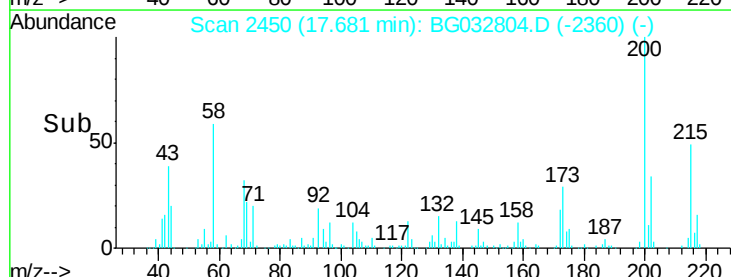
215 48.9 30.4 70.4

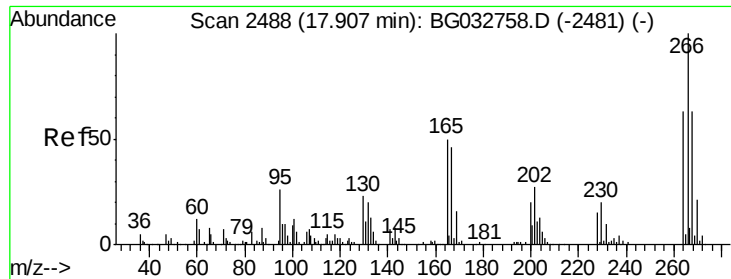


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

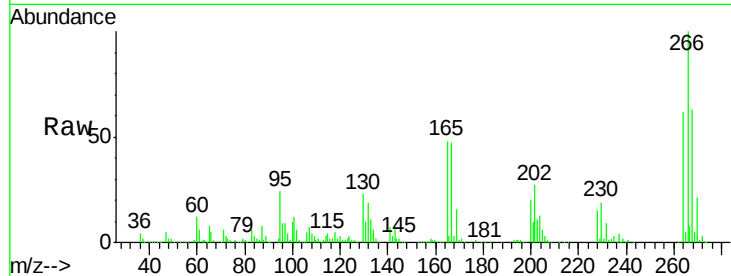




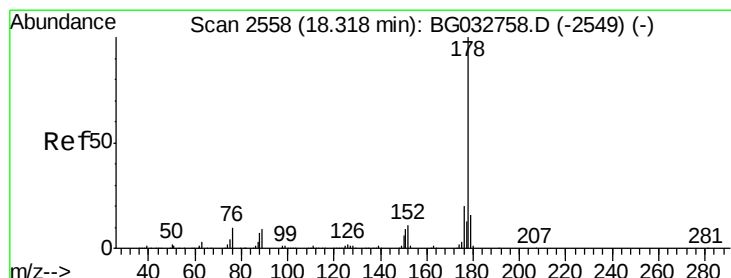
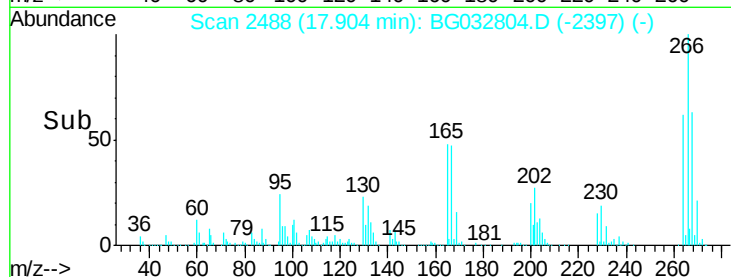
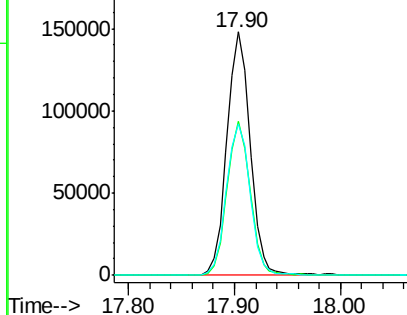
#69  
 Pentachlorophenol  
 Concen: 84.99 ng  
 RT: 17.90 min Scan# 2488  
 Delta R.T. 0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106787BS

Tot Ion:266 Resp: 226311  
 Ion Ratio Lower Upper  
 266 100  
 268 63.2 51.1 76.7  
 264 62.1 49.6 74.4

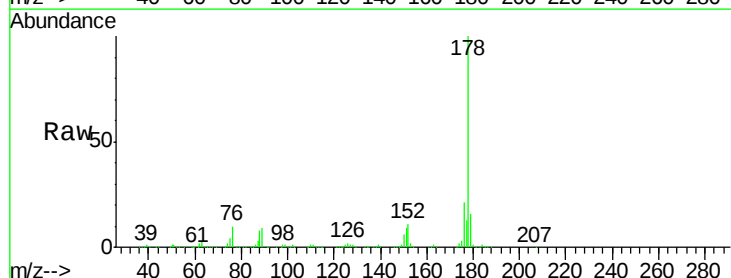


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

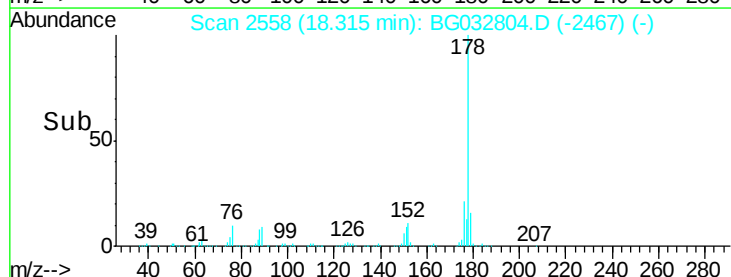
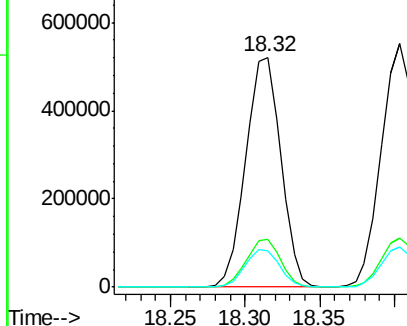


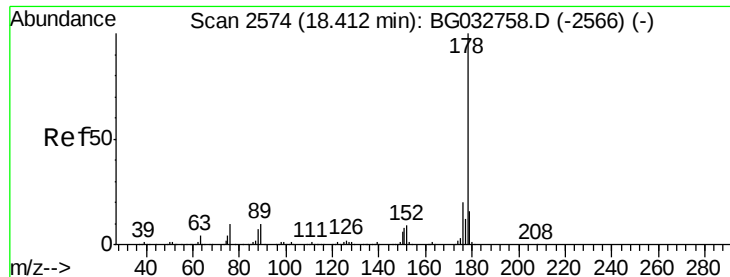
#70  
 Phenanthrene  
 Concen: 41.01 ng  
 RT: 18.32 min Scan# 2558  
 Delta R.T. 0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Tgt Ion:178 Resp: 846329  
 Ion Ratio Lower Upper  
 178 100  
 176 20.9 15.7 23.5  
 179 15.9 12.5 18.7



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





#71

Anthracene

Concen: 42.14 ng

RT: 18.40 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

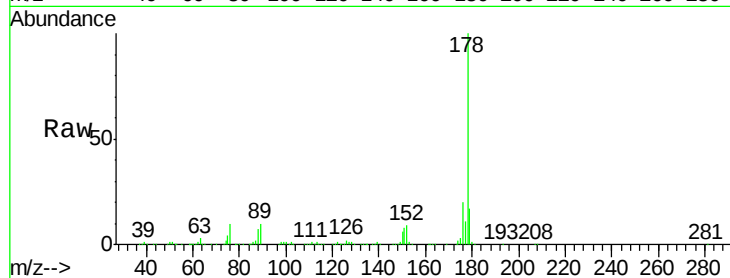
Tot Ion:178 Resp: 873083

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

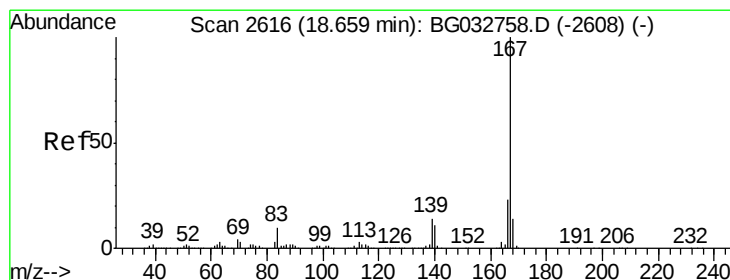
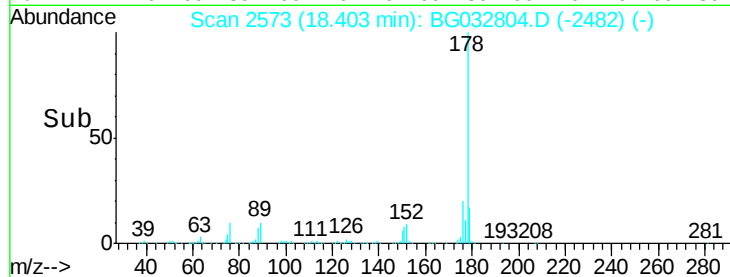
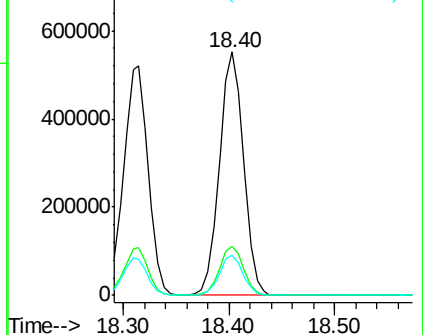
179 16.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.98 ng

RT: 18.66 min Scan# 2616

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

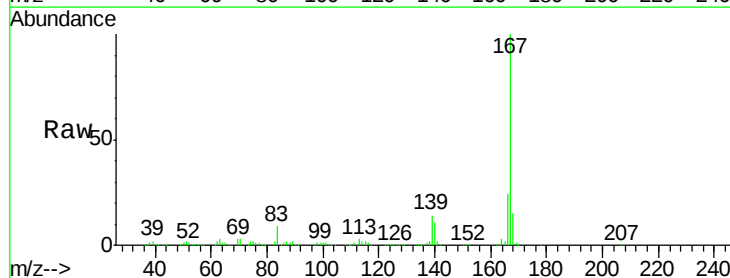
Tgt Ion:167 Resp: 836968

Ion Ratio Lower Upper

167 100

166 24.2 18.2 27.4

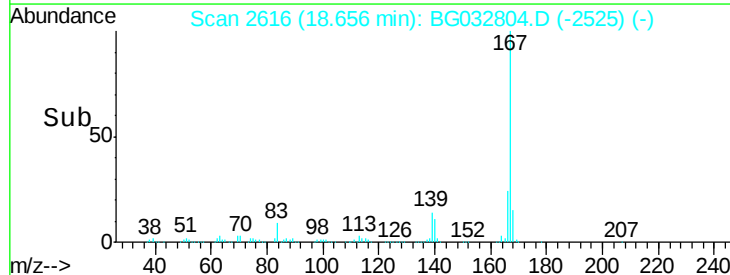
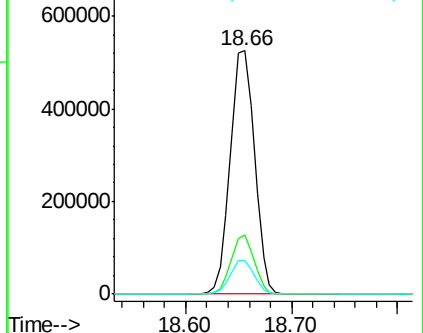
139 13.8 9.4 14.2

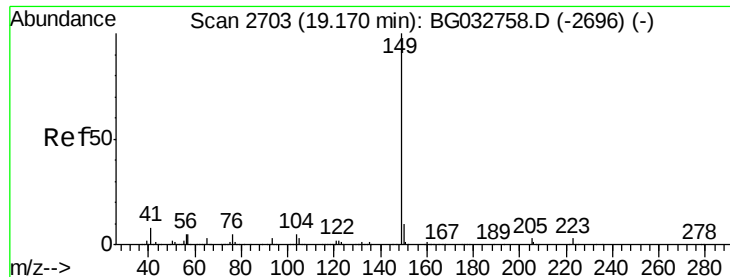


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

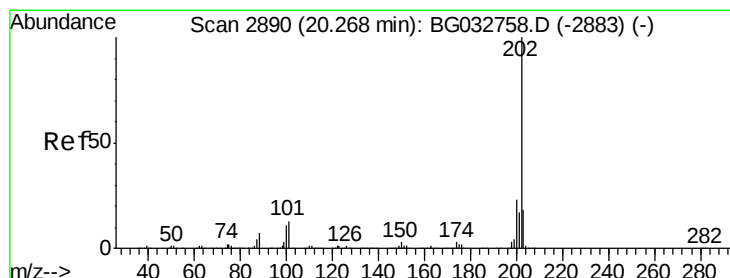
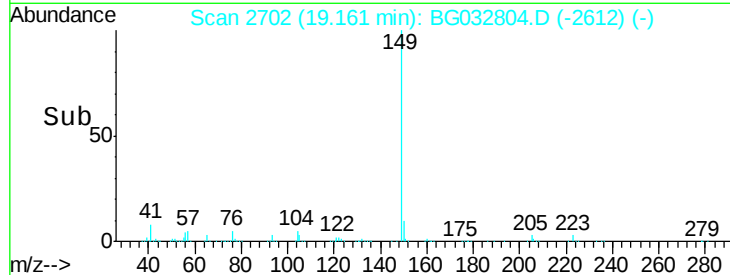
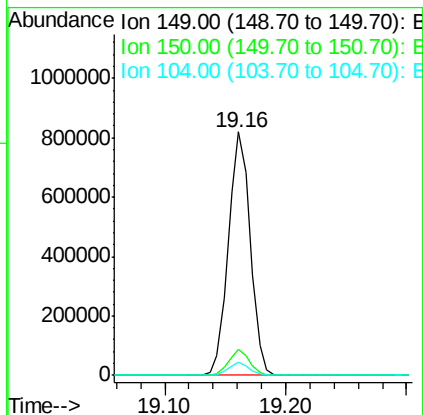
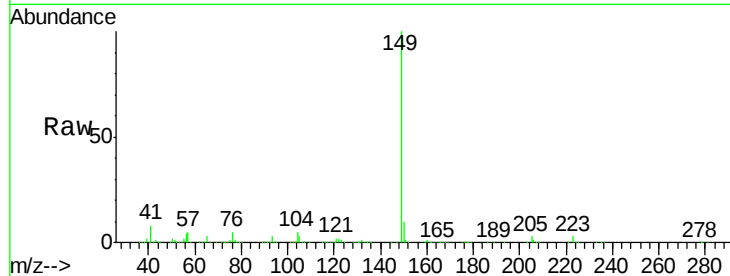




#73  
Di-n-butylphthalate  
Concen: 41.18 ng  
RT: 19.16 min Scan# 2702  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

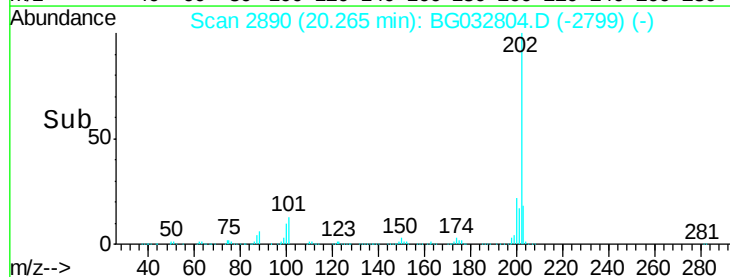
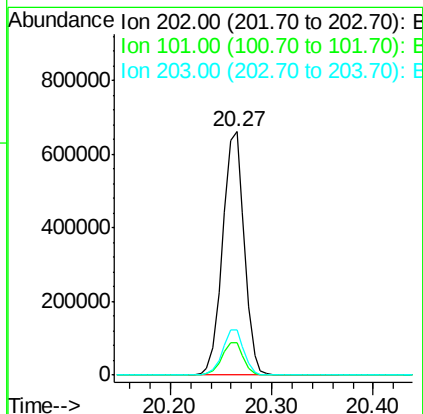
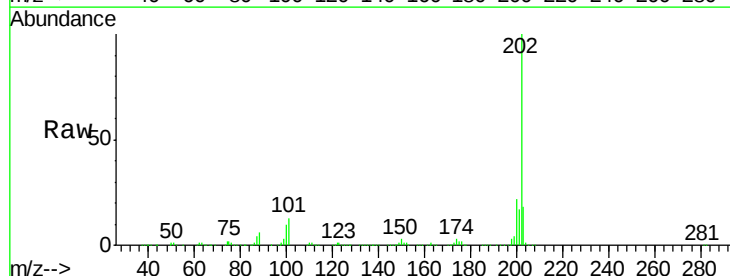
Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

Tot Ion:149 Resp: 1031792  
Ion Ratio Lower Upper  
149 100  
150 10.4 7.8 11.6  
104 5.2 3.9 5.9



#74  
Fluoranthene  
Concen: 42.62 ng  
RT: 20.27 min Scan# 2890  
Delta R.T. 0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion:202 Resp: 971669  
Ion Ratio Lower Upper  
202 100  
101 13.3 0.0 28.9  
203 18.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

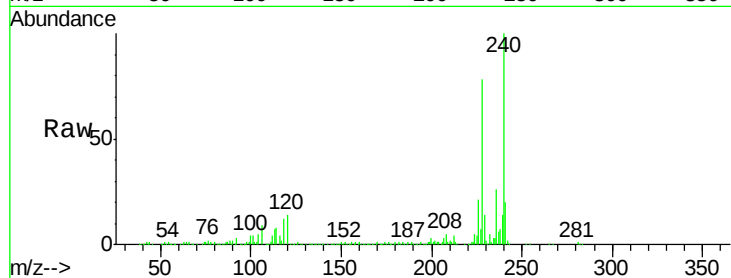
Tot Ion:240 Resp: 354840

Ion Ratio Lower Upper

240 100

120 13.9 6.8 10.2#

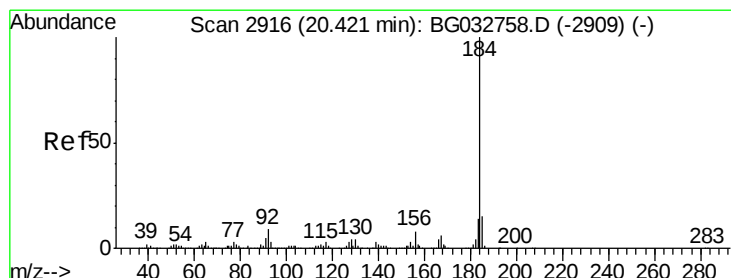
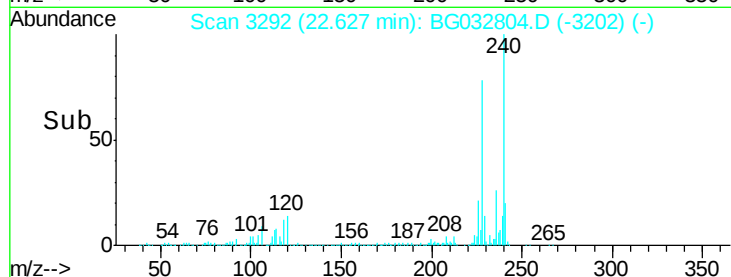
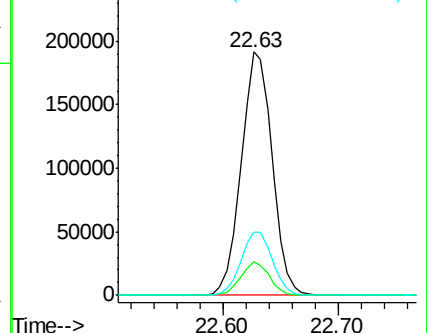
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.23 ng

RT: 20.42 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

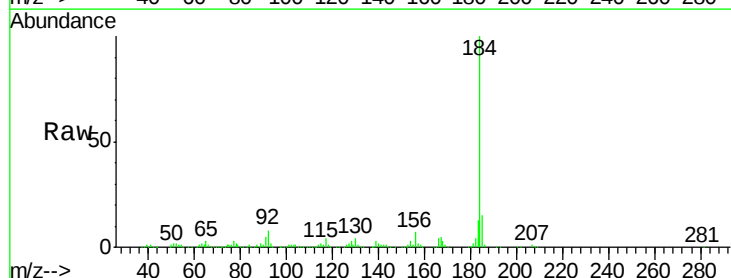
Tgt Ion:184 Resp: 474489

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

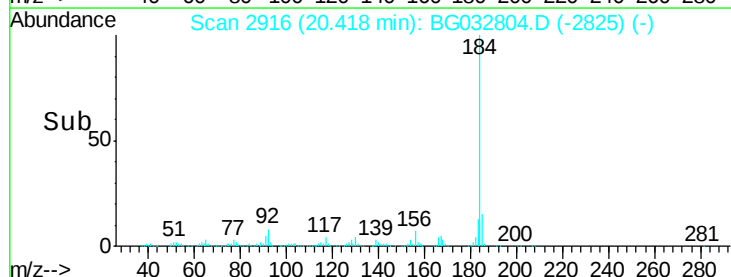
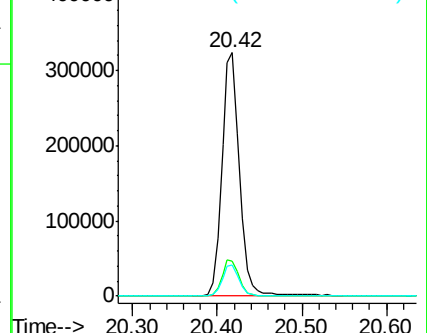
183 12.8 10.6 16.0

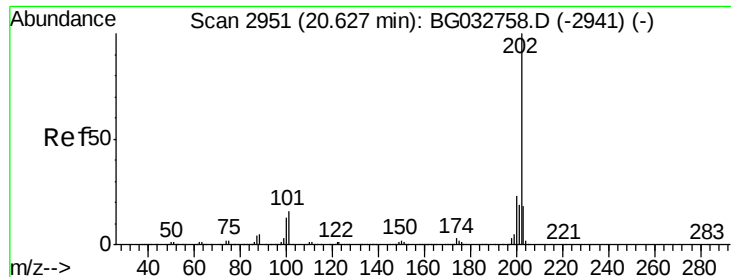


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.00 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

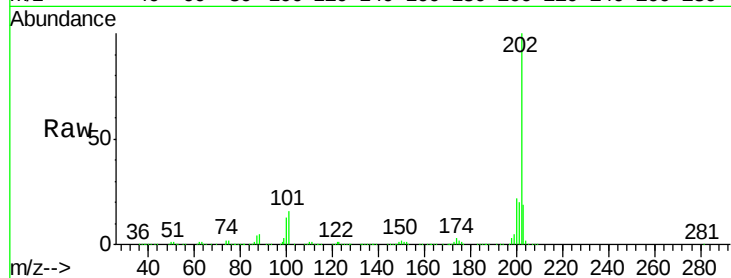
Tot Ion:202 Resp: 975918

Ion Ratio Lower Upper

202 100

200 22.5 16.9 25.3

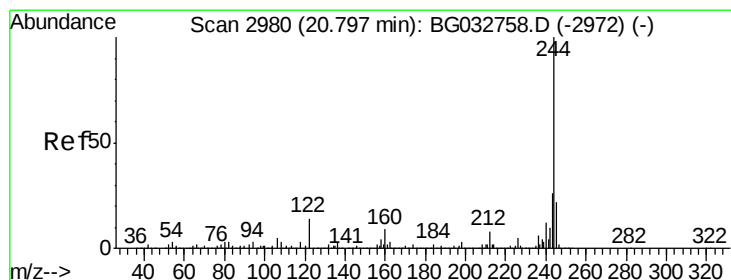
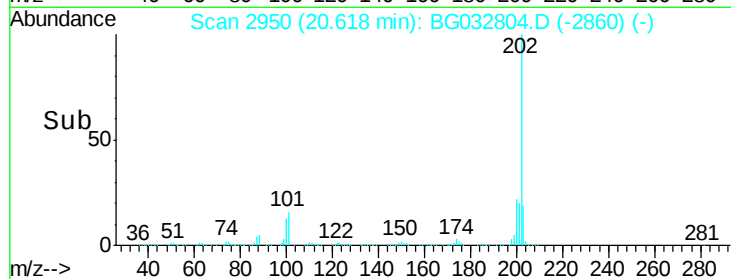
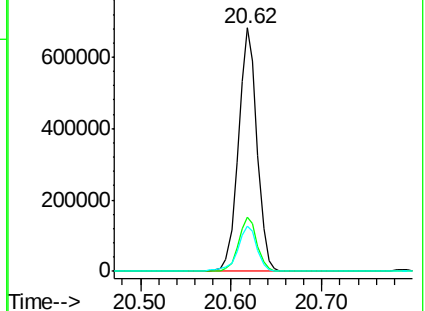
203 18.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.73 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

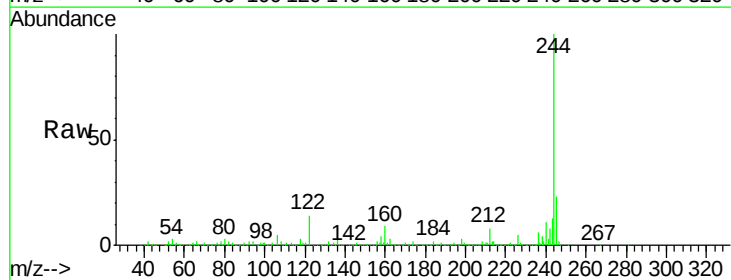
Tgt Ion:244 Resp: 1290759

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

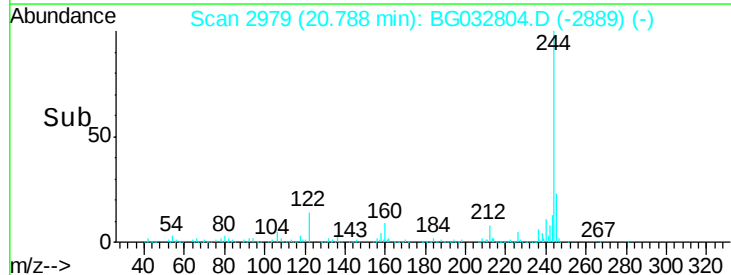
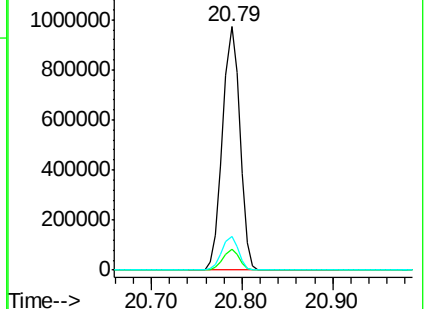
122 14.1 7.0 10.4#

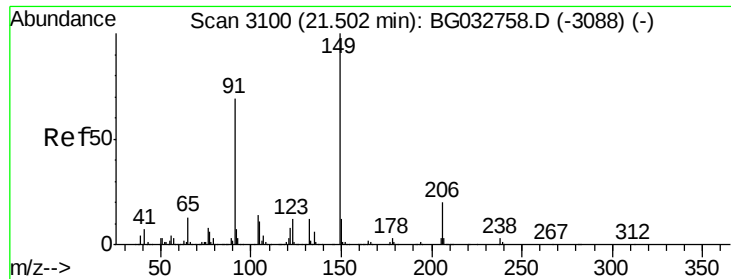


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

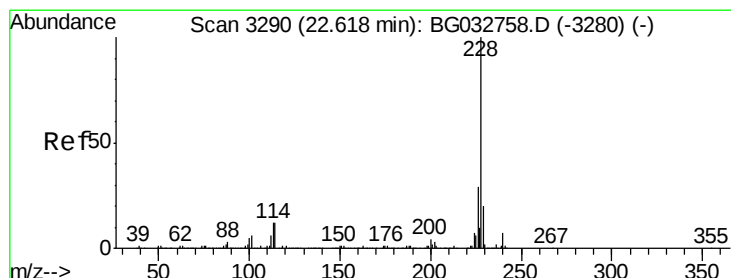
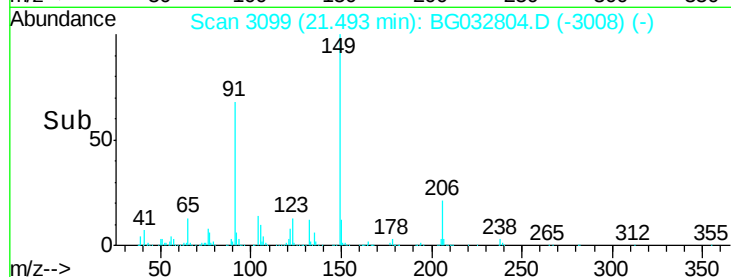
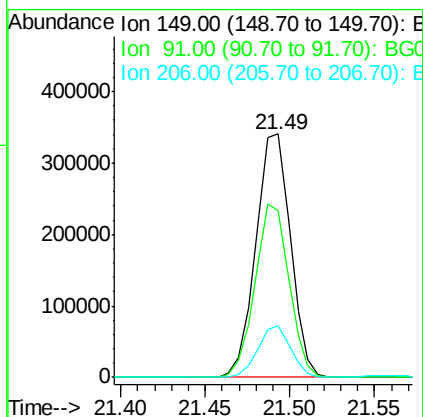
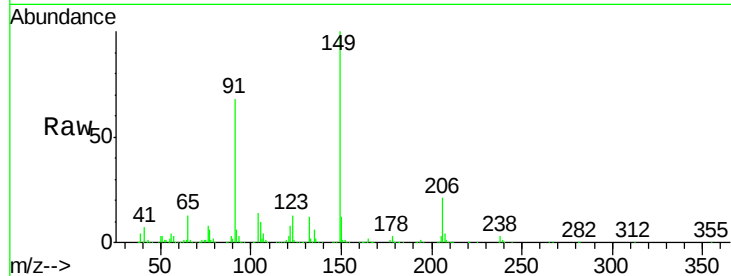




#79  
Butylbenzylphthalate  
Concen: 43.90 ng  
RT: 21.49 min Scan# 3099  
Delta R.T. 0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

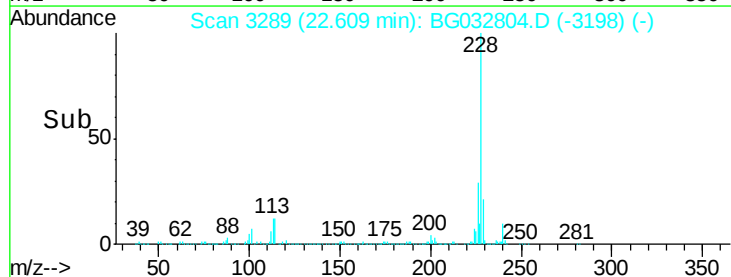
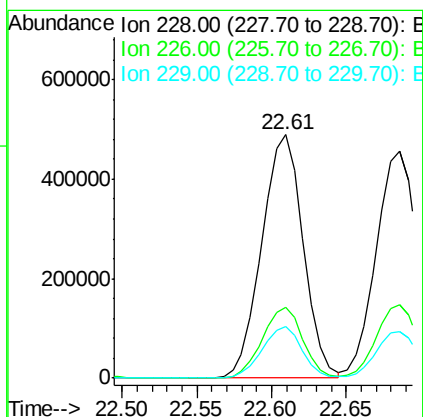
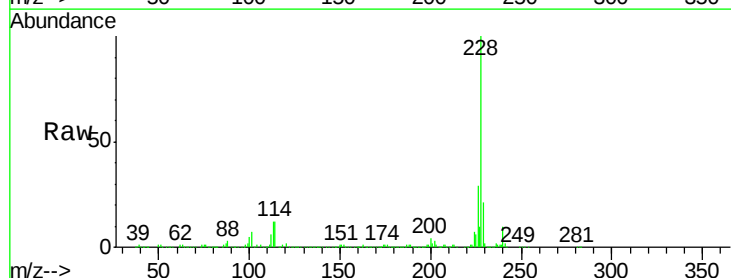
Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

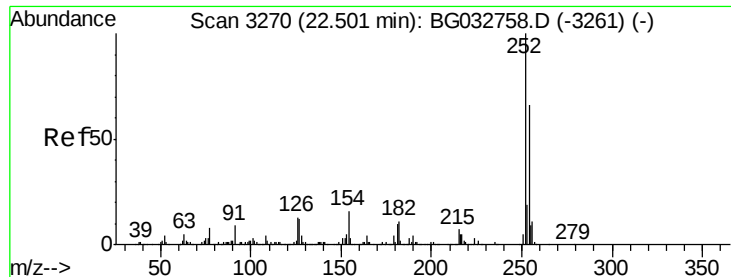
Tot Ion:149 Resp: 487098  
Ion Ratio Lower Upper  
149 100  
91 68.5 62.2 93.2  
206 21.0 18.6 27.8



#80  
Benzo(a)anthracene  
Concen: 41.44 ng  
RT: 22.61 min Scan# 3289  
Delta R.T. 0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion:228 Resp: 942823  
Ion Ratio Lower Upper  
228 100  
226 29.0 22.7 34.1  
229 21.2 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 32.45 ng

RT: 22.49 min Scan# 3269

Delta R.T. 0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

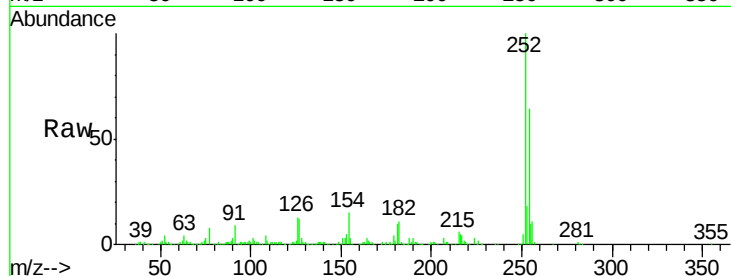
Tot Ion:252 Resp: 273482

Ion Ratio Lower Upper

252 100

254 64.0 50.8 76.2

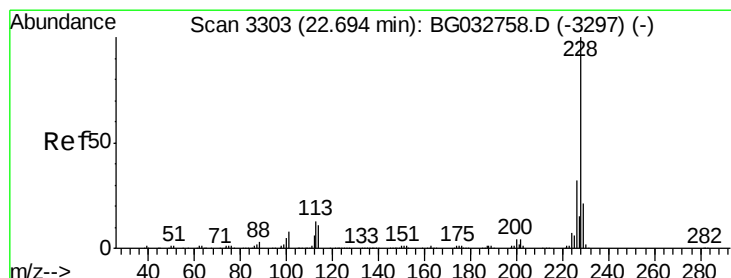
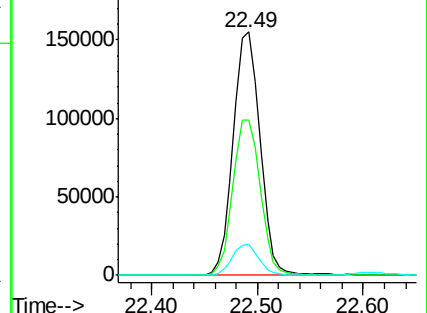
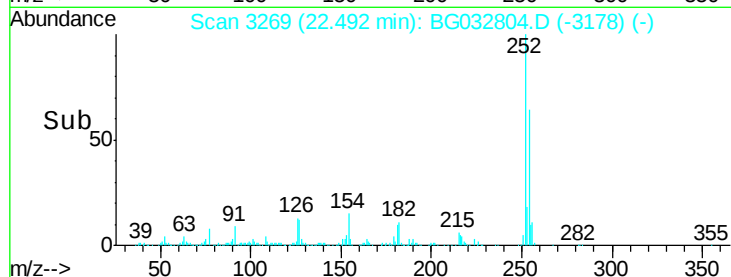
126 12.9 7.4 11.2#



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



#82

Chrysene

Concen: 40.87 ng

RT: 22.69 min Scan# 3302

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

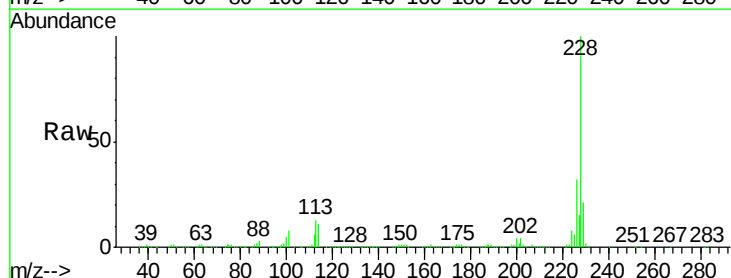
Tgt Ion:228 Resp: 888297

Ion Ratio Lower Upper

228 100

226 32.2 24.9 37.3

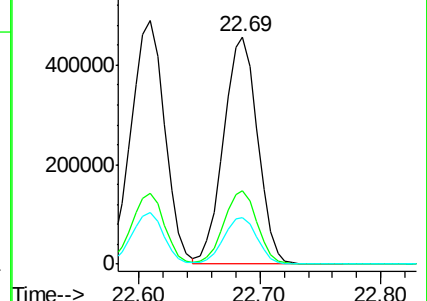
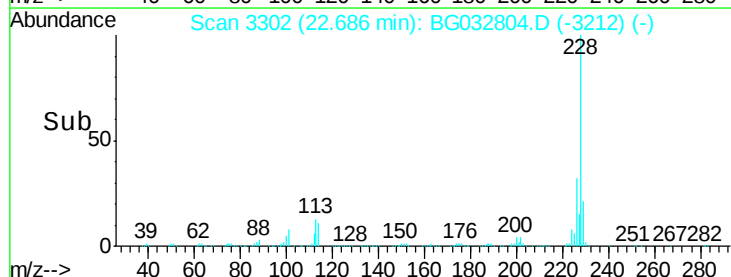
229 20.5 15.0 22.4

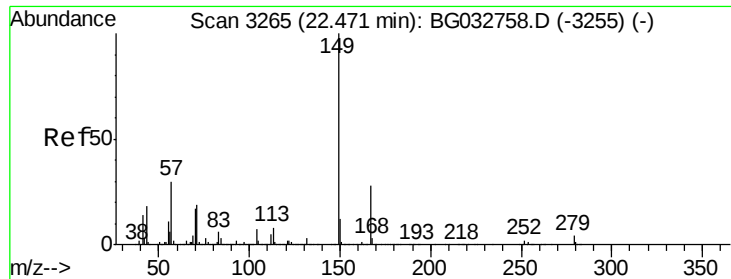


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

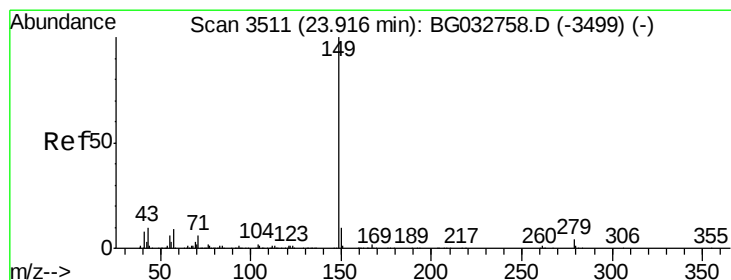
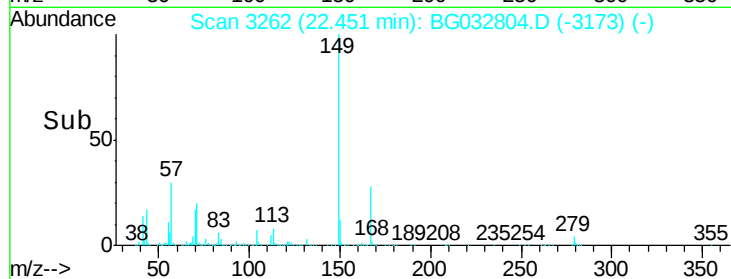
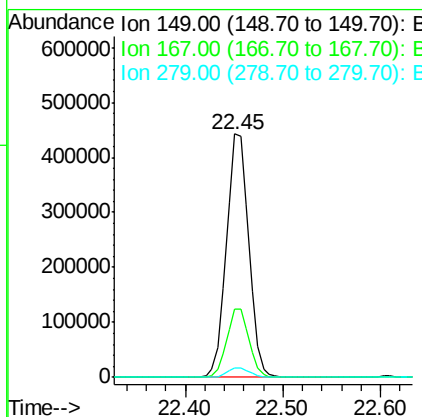
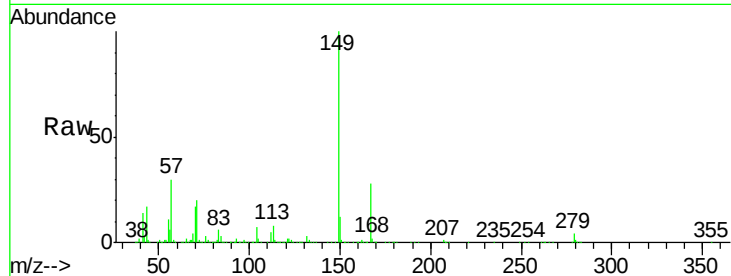




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.63 ng  
 RT: 22.45 min Scan# 3262  
 Delta R.T. -0.01 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

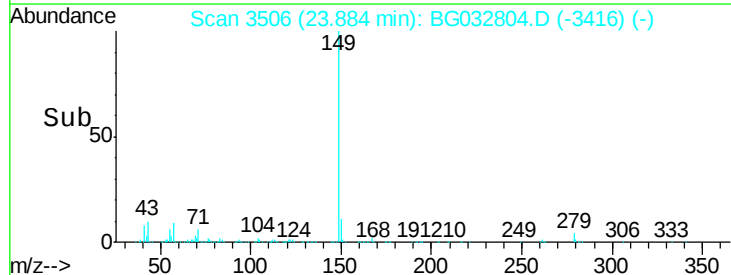
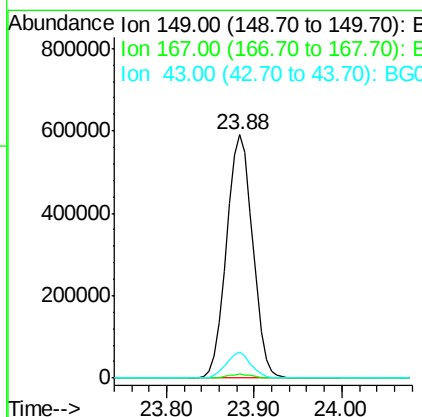
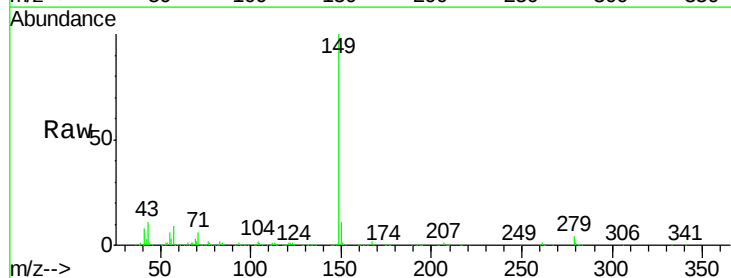
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106787BS

Tot Ion:149 Resp: 700153  
 Ion Ratio Lower Upper  
 149 100  
 167 27.8 24.3 36.5  
 279 4.1 4.0 6.0



#84  
 Di-n-octyl phthalate  
 Concen: 48.03 ng  
 RT: 23.88 min Scan# 3506  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Tgt Ion:149 Resp: 1202225  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.4 2.0  
 43 10.0 8.9 13.3

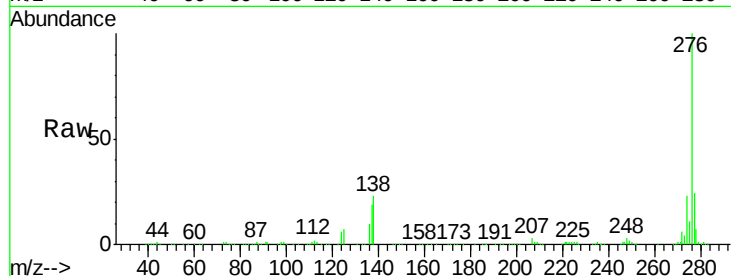




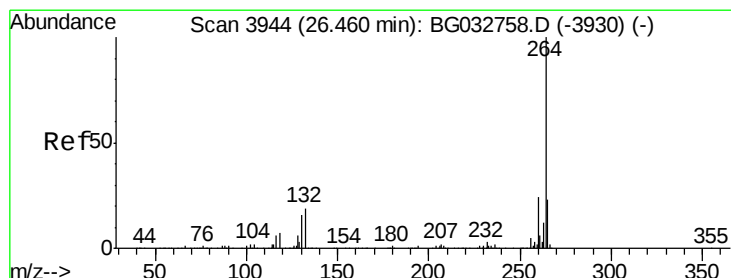
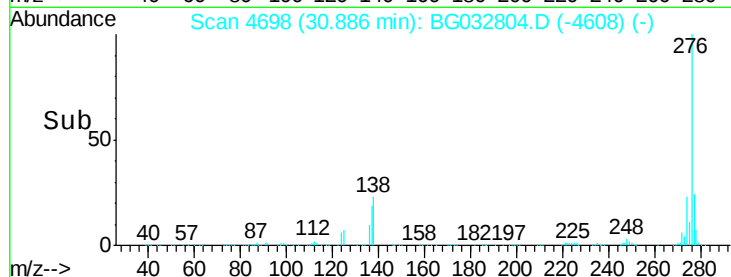
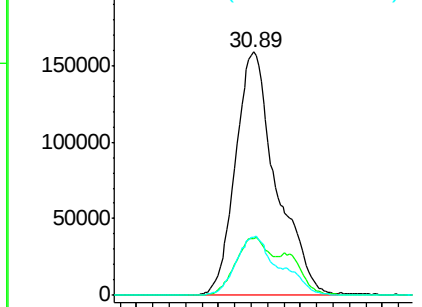
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.44 ng  
 RT: 30.89 min Scan# 4698  
 Delta R.T. -0.00 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106787BS

Tot Ion:276 Resp: 1101091  
 Ion Ratio Lower Upper  
 276 100  
 138 19.9 16.0 24.0  
 277 25.9 20.0 30.0

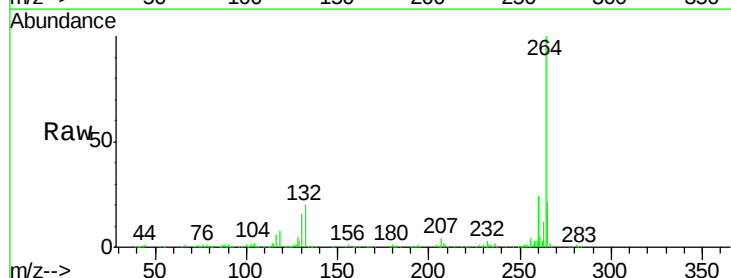


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

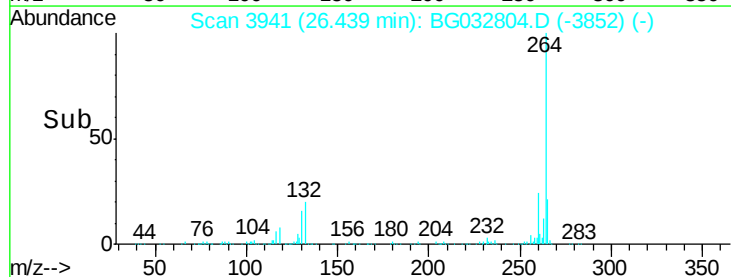
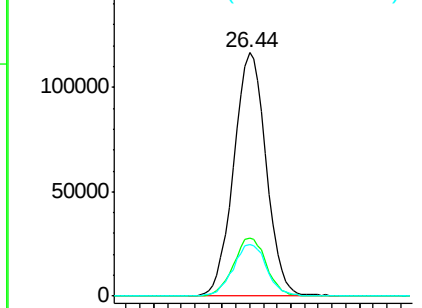


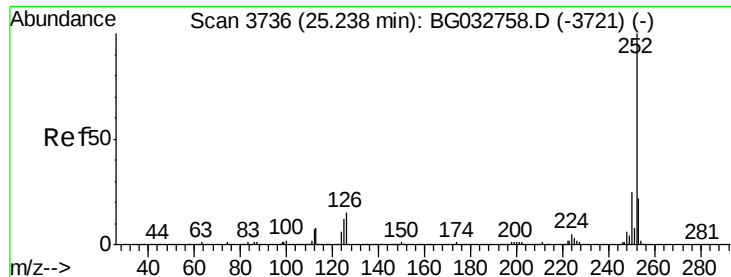
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 26.44 min Scan# 3941  
 Delta R.T. -0.01 min  
 Lab File: BG032804.D  
 Acq: 23 Feb 2018 23:57

Tgt Ion:264 Resp: 383202  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 17.4 26.0  
 265 21.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

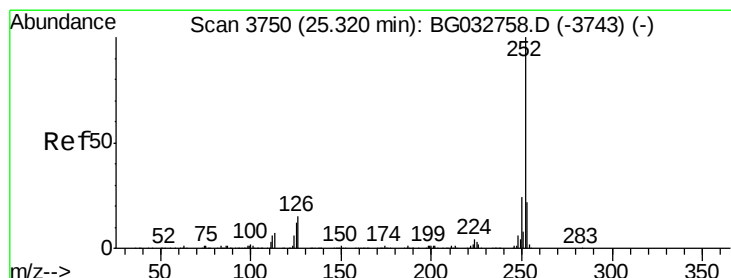
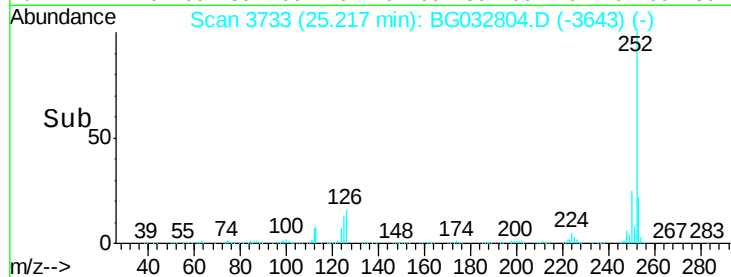
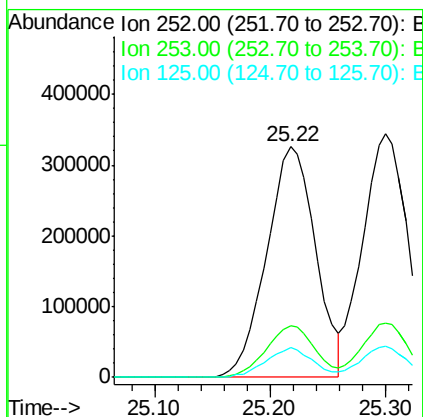
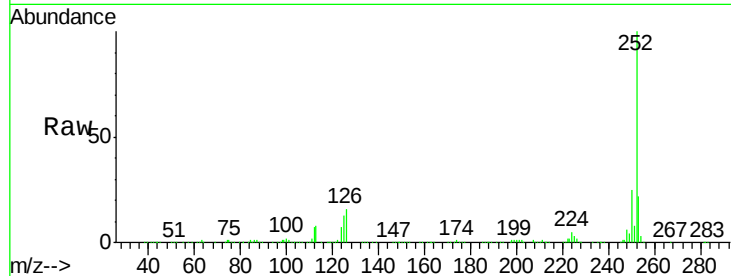




#87  
Benzo(b)fluoranthene  
Concen: 42.32 ng  
RT: 25.22 min Scan# 3733  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

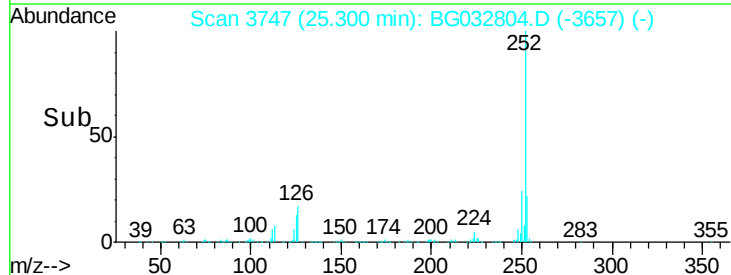
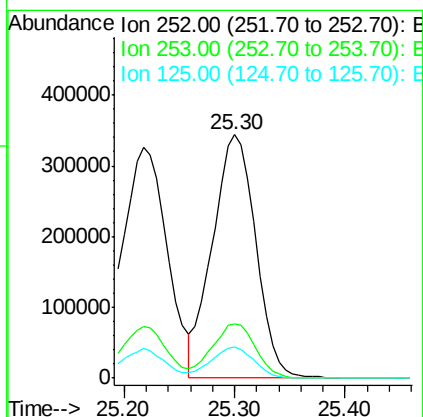
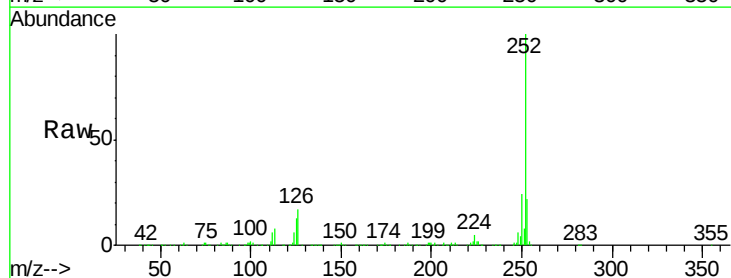
Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

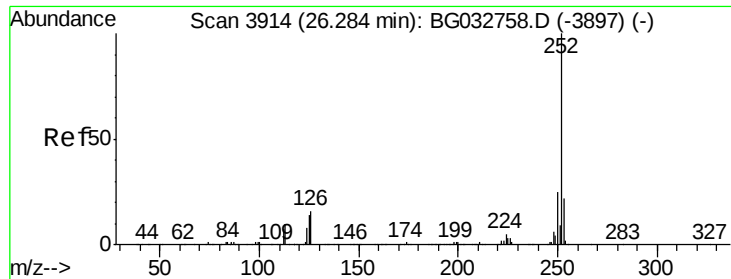
Tot Ion:252 Resp: 958775  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.2 27.4  
125 12.9 7.2 10.8#



#88  
Benzo(k)fluoranthene  
Concen: 41.40 ng  
RT: 25.30 min Scan# 3747  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion:252 Resp: 932276  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.2  
125 12.8 6.6 9.8#

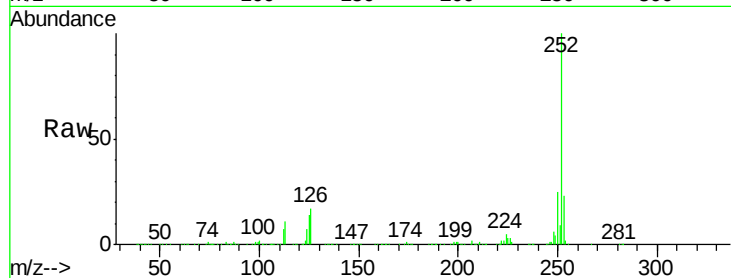




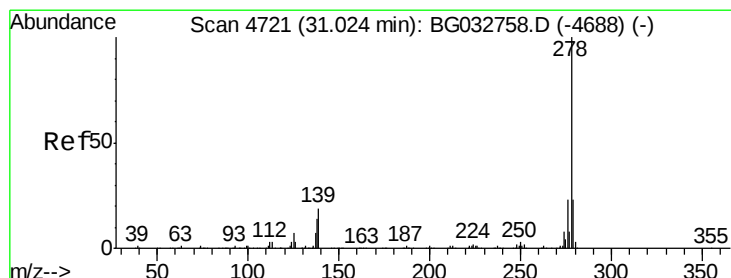
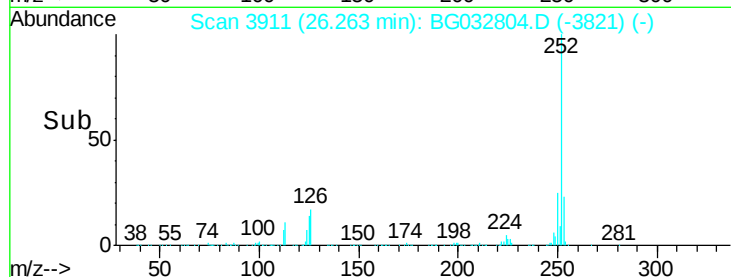
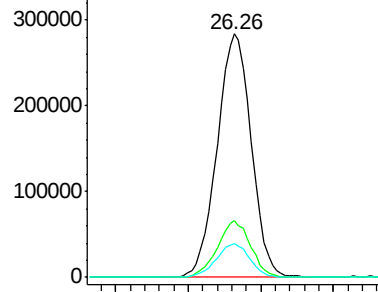
#89  
Benzo(a)pyrene  
Concen: 42.94 ng  
RT: 26.26 min Scan# 3911  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Instrument :  
BNA\_G  
ClientSampleId :  
PB106787BS

Tot Ion:252 Resp: 925363  
Ion Ratio Lower Upper  
252 100  
253 23.2 18.3 27.5  
125 13.8 7.3 10.9#

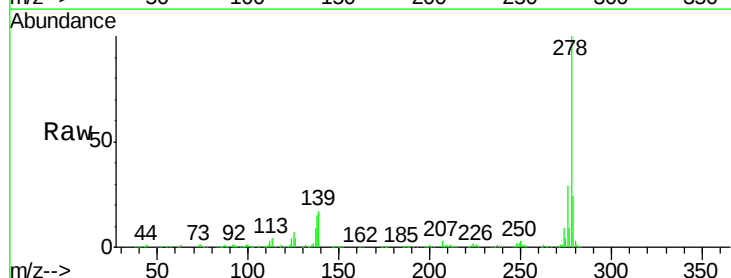


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

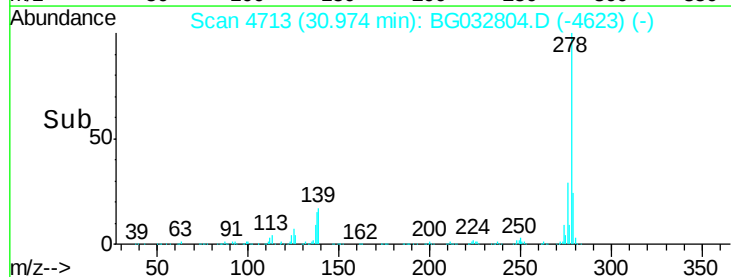
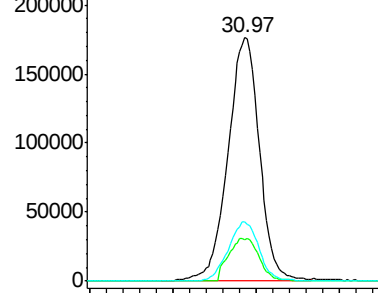


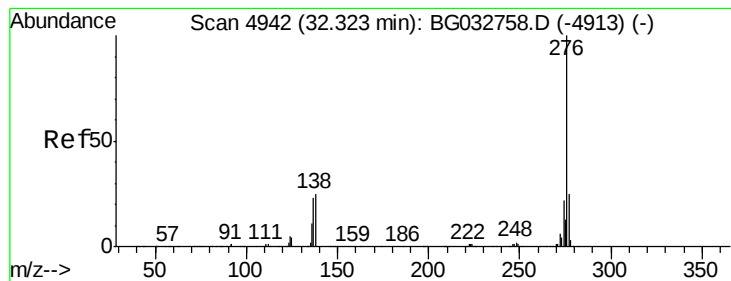
#90  
Dibenzo(a,h)anthracene  
Concen: 42.80 ng  
RT: 30.97 min Scan# 4713  
Delta R.T. -0.00 min  
Lab File: BG032804.D  
Acq: 23 Feb 2018 23:57

Tgt Ion:278 Resp: 928396  
Ion Ratio Lower Upper  
278 100  
139 17.2 9.8 14.6#  
279 24.3 18.4 27.6



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





#91

Benzo(a,h,i)perylene

Concen: 43.05 ng

RT: 32.28 min Scan# 4936

Delta R.T. -0.00 min

Lab File: BG032804.D

Acq: 23 Feb 2018 23:57

Instrument :

BNA\_G

ClientSampleId :

PB106787BS

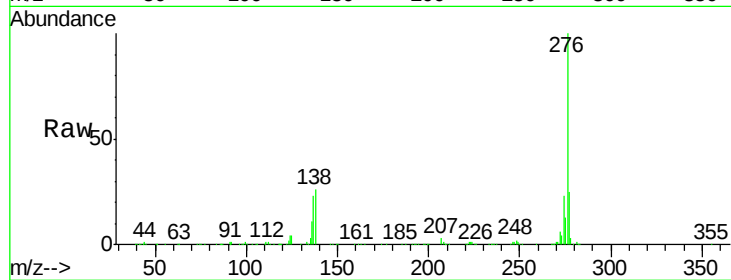
Tot Ion:276 Resp: 920521

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 26.1 13.9 20.9#



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

