

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030518\  
 Data File : BG032988.D  
 Acq On : 5 Mar 2018 14:04  
 Operator : SJ/JU  
 Sample : J1699-64MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 05 15:04:05 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 01 17:38:52 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.91  | 152  | 63622    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.80 | 136  | 287437   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.53 | 164  | 166796   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.26 | 188  | 378164   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.61 | 240  | 342726   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.41 | 264  | 371404   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 6.33  | 112 | 482806  | 121.41 | ng | 0.00 |
| 7) Phenol-d6             | 8.01  | 99  | 609195  | 109.90 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 10.11 | 82  | 421802  | 99.87  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 17.00 | 330 | 240952  | 137.39 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 14.16 | 172 | 896200  | 77.49  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.77 | 244 | 1298811 | 85.14  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.97  | 88  | 61611  | 35.698 | ng | # 91   |
| 3) Pyridine                    | 4.44  | 79  | 151370 | 31.821 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 4.33  | 42  | 101098 | 53.010 | ng | # 86   |
| 6) Aniline                     | 8.20  | 93  | 125788 | 16.765 | ng | 96     |
| 8) 2-Chlorophenol              | 8.46  | 128 | 194969 | 44.792 | ng | 96     |
| 9) Benzaldehyde                | 8.01  | 77  | 58195  | 18.216 | ng | 93     |
| 10) Phenol                     | 8.04  | 94  | 223336 | 39.969 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 8.29  | 93  | 185672 | 40.637 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 8.80  | 146 | 196166 | 38.477 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.95  | 146 | 201736 | 39.311 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 9.29  | 146 | 190088 | 38.654 | ng | 98     |
| 15) Benzyl Alcohol             | 9.14  | 79  | 180570 | 44.312 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.44  | 45  | 353045 | 44.947 | ng | 99     |
| 17) 2-Methylphenol             | 9.34  | 107 | 166536 | 40.418 | ng | 97     |
| 18) Hexachloroethane           | 10.04 | 117 | 73705  | 42.183 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 9.73  | 70  | 157274 | 40.190 | ng | # 92   |
| 20) 3+4-Methylphenols          | 9.67  | 107 | 231341 | 40.380 | ng | 95     |
| 22) Acetophenone               | 9.76  | 105 | 290799 | 40.059 | ng | # 99   |
| 24) Nitrobenzene               | 10.16 | 77  | 220659 | 48.119 | ng | 91     |
| 25) Isophorone                 | 10.68 | 82  | 435637 | 43.180 | ng | 95     |
| 26) 2-Nitrophenol              | 10.88 | 139 | 104173 | 59.312 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.91 | 122 | 209596 | 47.823 | ng | 91     |
| 28) bis(2-Chloroethoxy)methane | 11.16 | 93  | 256279 | 43.604 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 11.42 | 162 | 185895 | 46.734 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 11.65 | 180 | 179767 | 38.554 | ng | 97     |
| 31) Naphthalene                | 11.85 | 128 | 669009 | 44.542 | ng | 100    |
| 32) Benzoic acid               | 11.02 | 122 | 110307 | 42.644 | ng | # 86   |
| 33) 4-Chloroaniline            | 11.93 | 127 | 85293  | 12.701 | ng | 95     |
| 34) Hexachlorobutadiene        | 12.11 | 225 | 98880  | 37.807 | ng | 99     |
| 35) Caprolactam                | 12.68 | 113 | 58984  | 37.033 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 13.00 | 107 | 227104 | 49.062 | ng | 91     |
| 37) 2-Methylnaphthalene        | 13.40 | 142 | 457551 | 42.107 | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.75 | 216 | 189803 | 38.333 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 13.73 | 237 | 222673 | 88.243 | ng | 94     |

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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

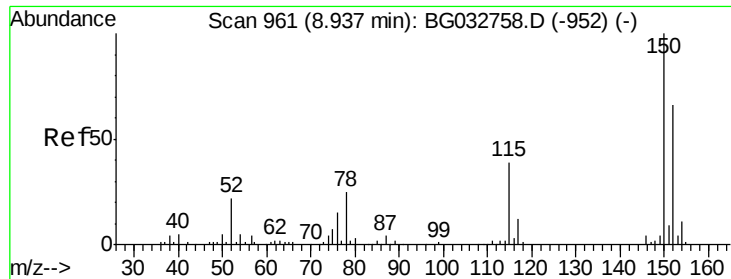
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 05 15:04:05 2018  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| -----                          |       |      |          |         |       |          |
| 42) 2,4,6-Trichlorophenol      | 13.97 | 196  | 146264   | 46.841  | nq    | 95       |
| 43) 2,4,5-Trichlorophenol      | 14.04 | 196  | 161596   | 44.714  | nq    | # 95     |
| 45) 1,1'-Biphenyl              | 14.37 | 154  | 571156   | 39.186  | nq    | 96       |
| 46) 2-Chloronaphthalene        | 14.43 | 162  | 436491   | 40.090  | nq    | 96       |
| 47) 2-Nitroaniline             | 14.61 | 65   | 160774   | 56.390  | nq    | 91       |
| 48) Acenaphthylene             | 15.26 | 152  | 718796   | 40.324  | nq    | 98       |
| 49) Dimethylphthalate          | 14.95 | 163  | 580921   | 41.018  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 15.08 | 165  | 130495   | 54.247  | nq    | 92       |
| 51) Acenaphthene               | 15.59 | 154  | 486640   | 43.835  | nq    | 99       |
| 52) 3-Nitroaniline             | 15.41 | 138  | 78328    | 30.309  | nq    | # 87     |
| 53) 2,4-Dinitrophenol          | 15.61 | 184  | 92285    | 109.332 | nq    | # 83     |
| 54) Dibenzofuran               | 15.92 | 168  | 675157   | 42.712  | nq    | 94       |
| 55) 4-Nitrophenol              | 15.68 | 139  | 188666   | 81.230  | nq    | 87       |
| 56) 2,4-Dinitrotoluene         | 15.86 | 165  | 182498   | 61.648  | nq    | 88       |
| 57) Fluorene                   | 16.56 | 166  | 546360   | 41.877  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.05 | 232  | 134845   | 48.058  | nq    | 94       |
| 59) Diethylphthalate           | 16.29 | 149  | 623774   | 41.758  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.53 | 204  | 270233   | 42.341  | nq    | # 89     |
| 61) 4-Nitroaniline             | 16.56 | 138  | 135293   | 44.555  | nq    | 85       |
| 62) Azobenzene                 | 16.83 | 77   | 574923   | 43.022  | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 16.61 | 198  | 75666    | 61.626  | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 16.75 | 169  | 509762   | 41.437  | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 17.43 | 248  | 161814   | 40.467  | nq    | # 86     |
| 67) Hexachlorobenzene          | 17.56 | 284  | 167808   | 38.834  | nq    | # 89     |
| 68) Atrazine                   | 17.67 | 200  | 173284   | 42.792  | nq    | 97       |
| 69) Pentachlorophenol          | 17.89 | 266  | 215386   | 79.132  | nq    | 99       |
| 70) Phenanthrene               | 18.30 | 178  | 876506   | 41.545  | nq    | 97       |
| 71) Anthracene                 | 18.39 | 178  | 889439   | 41.992  | nq    | 99       |
| 72) Carbazole                  | 18.64 | 167  | 827087   | 39.616  | nq    | 97       |
| 73) Di-n-butylphthalate        | 19.14 | 149  | 1054520  | 41.172  | nq    | 100      |
| 74) Fluoranthene               | 20.25 | 202  | 965798   | 41.441  | nq    | 93       |
| 76) Benzidine                  | 20.40 | 184  | 94127    | 8.057   | nq    | 97       |
| 77) Pyrene                     | 20.61 | 202  | 971522   | 40.197  | nq    | 97       |
| 79) Butylbenzylphthalate       | 21.47 | 149  | 492744   | 45.983  | nq    | 92       |
| 80) Benzo(a)anthracene         | 22.59 | 228  | 929770   | 42.306  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 22.47 | 252  | 173291   | 21.290  | nq    | # 98     |
| 82) Chrysene                   | 22.67 | 228  | 869834   | 41.433  | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 22.41 | 149  | 701630   | 44.234  | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 23.83 | 149  | 1203586  | 49.781  | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 30.83 | 276  | 998292   | 40.774  | nq    | # 95     |
| 87) Benzo(b)fluoranthene       | 25.19 | 252  | 934864   | 42.571  | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 25.27 | 252  | 931982   | 42.703  | nq    | # 96     |
| 89) Benzo(a)pyrene             | 26.23 | 252  | 893874   | 42.796  | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 30.91 | 278  | 817946   | 38.905  | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 32.22 | 276  | 843337   | 40.692  | nq    | # 90     |
| -----                          |       |      |          |         |       |          |

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



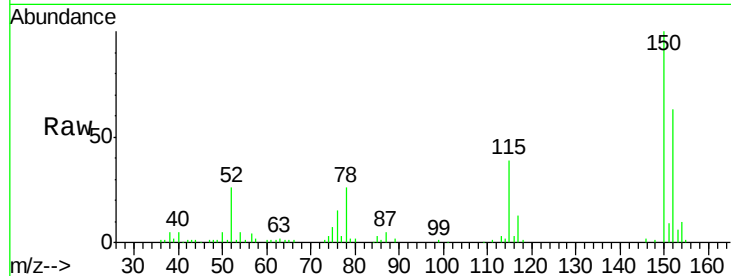


#1

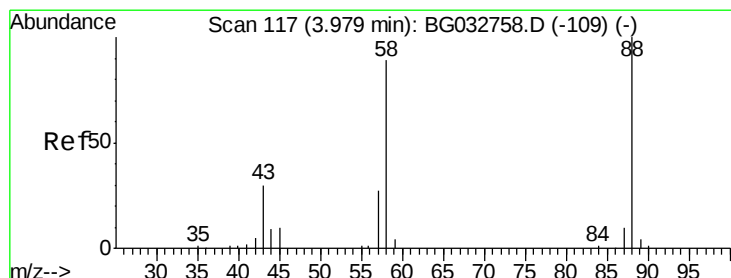
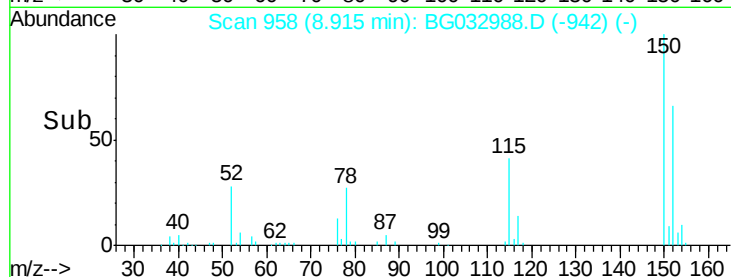
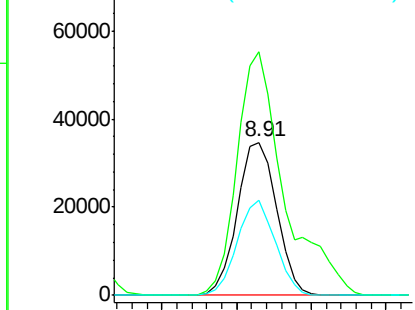
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.91 min Scan# 958  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 63622  
Ion Ratio Lower Upper  
152 100  
150 159.0 126.6 189.8  
115 61.8 53.0 79.4



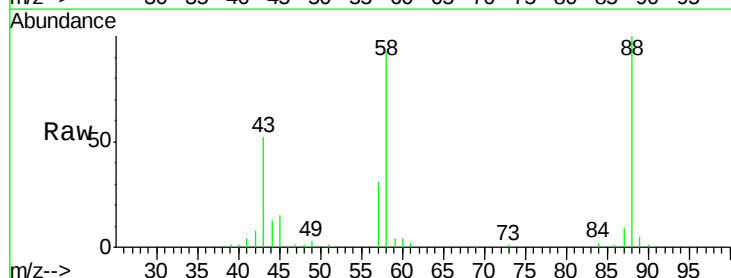
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



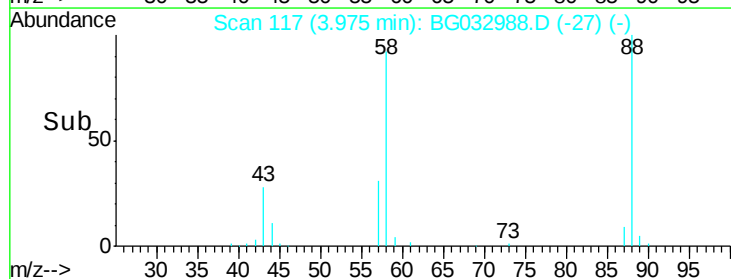
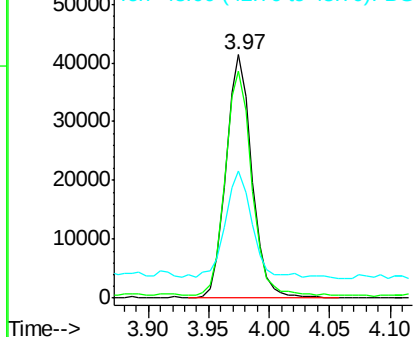
#2

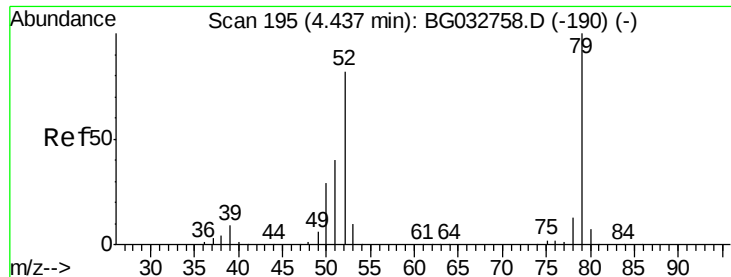
1,4-Dioxane  
Concen: 35.698 ng  
RT: 3.97 min Scan# 117  
Delta R.T. 0.00 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Tgt Ion: 88 Resp: 61611  
Ion Ratio Lower Upper  
88 100  
58 94.2 79.6 119.4  
43 45.0 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: 31.821 ng

RT: 4.44 min Scan# 196

Delta R.T. 0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampled :

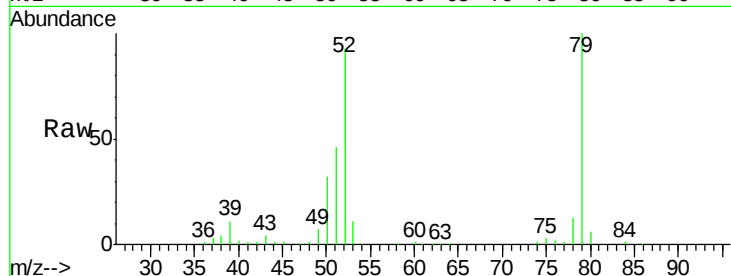
Tot Ion: 79 Resp: 151370

Ion Ratio Lower Upper

79 100

52 92.8 69.9 104.9

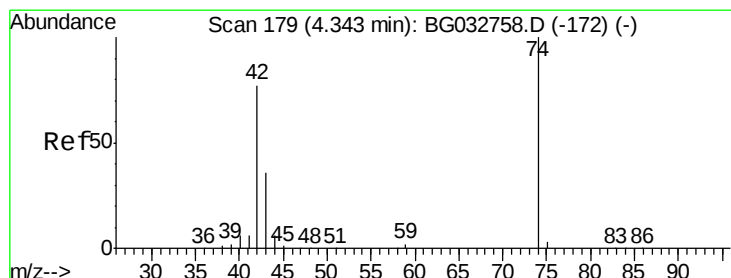
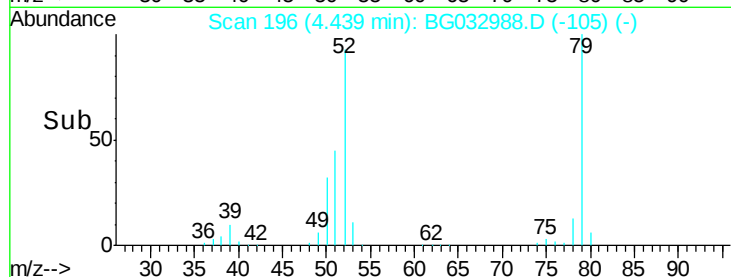
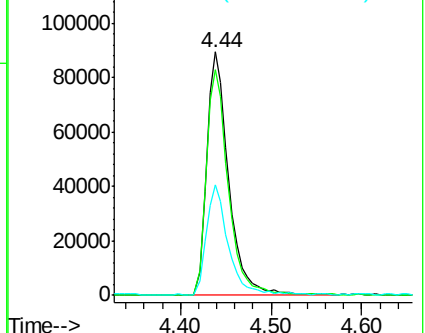
51 45.5 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 53.010 ng

RT: 4.33 min Scan# 178

Delta R.T. 0.00 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

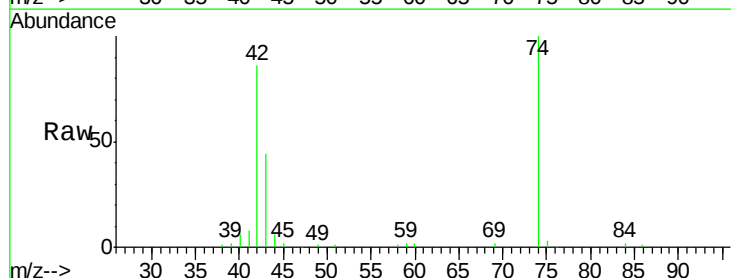
Tgt Ion: 42 Resp: 101098

Ion Ratio Lower Upper

42 100

74 116.2 102.5 153.7

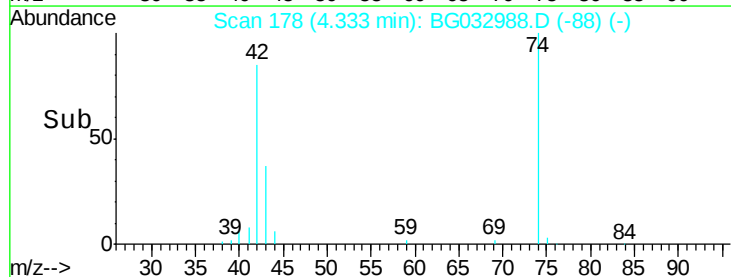
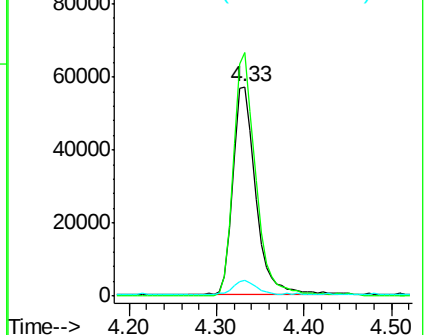
44 7.4 18.9 28.3#

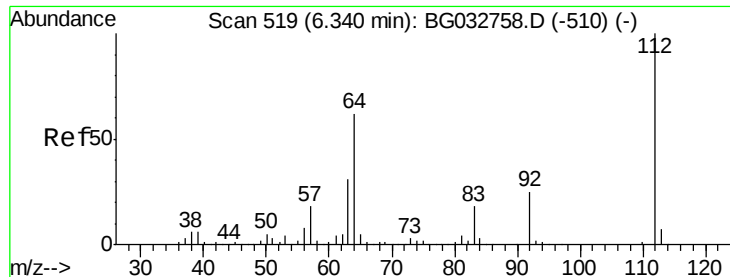


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 121.408 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.00 min

Lab File: BG032988.D

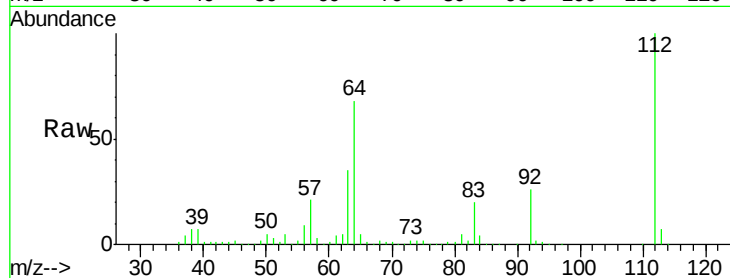
Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

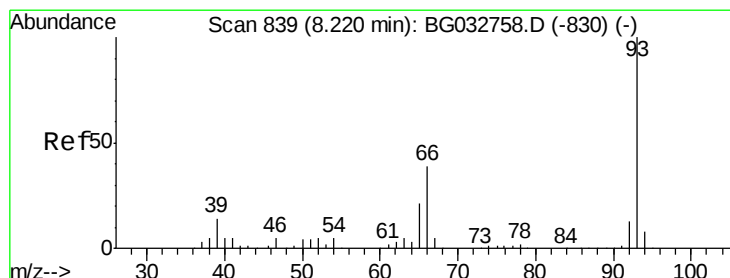
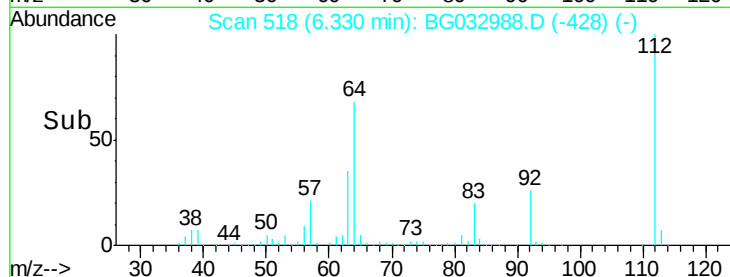
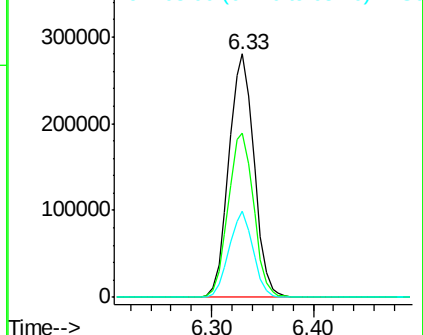
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 482806 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 67.6  | 56.3  | 84.5   |
| 63       | 35.1  | 30.1  | 45.1   |



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.765 ng

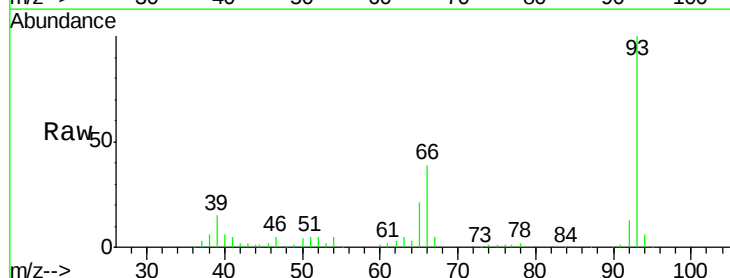
RT: 8.20 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

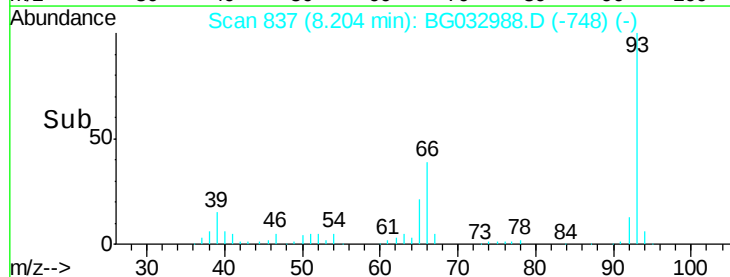
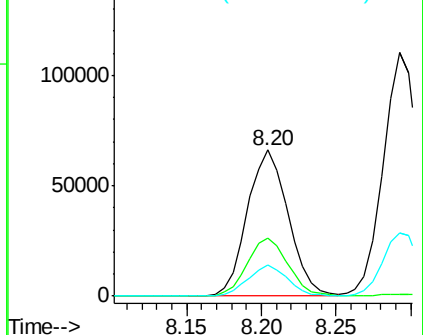
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 125788 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 39.5  | 33.7  | 50.5   |
| 65       | 21.3  | 16.1  | 24.1   |

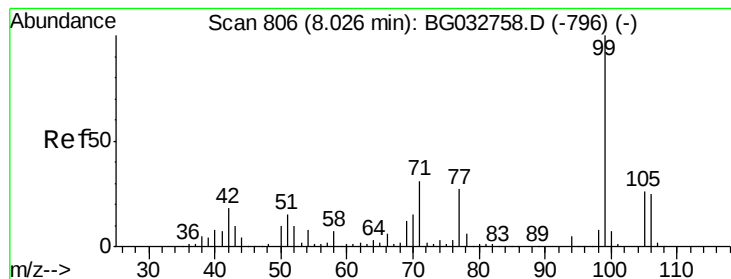


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.903 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

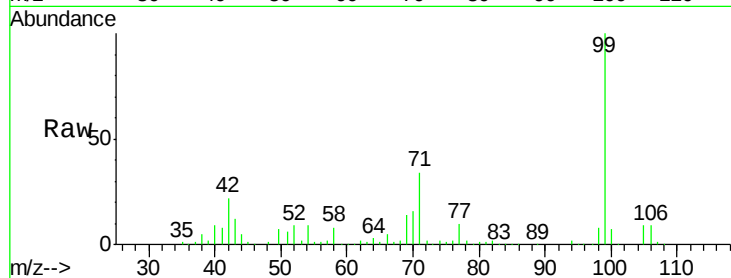
Tot Ion: 99 Resp: 609195

Ion Ratio Lower Upper

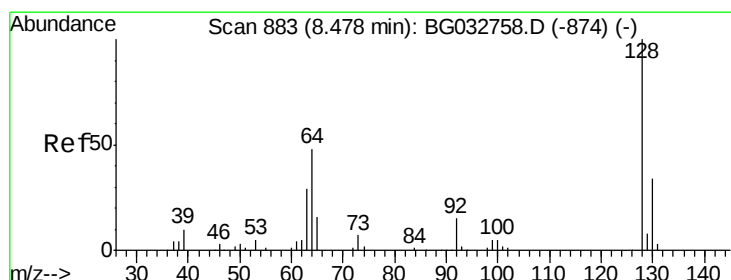
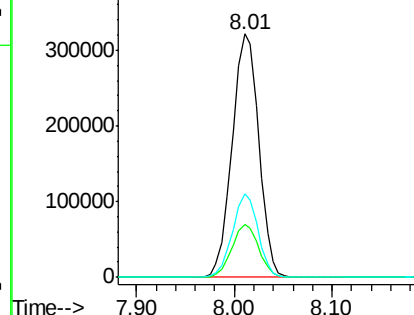
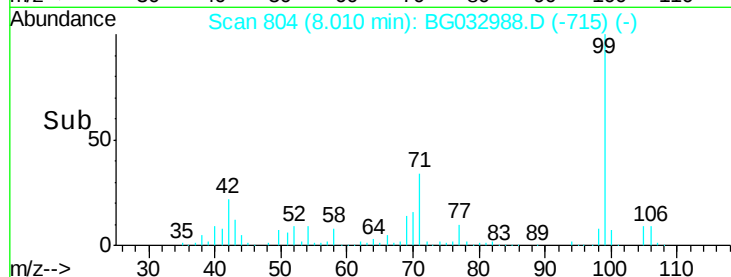
99 100

42 21.9 14.1 21.1#

71 34.2 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: 44.792 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

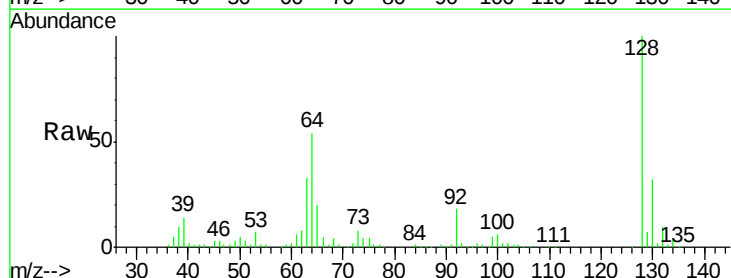
Tgt Ion:128 Resp: 194969

Ion Ratio Lower Upper

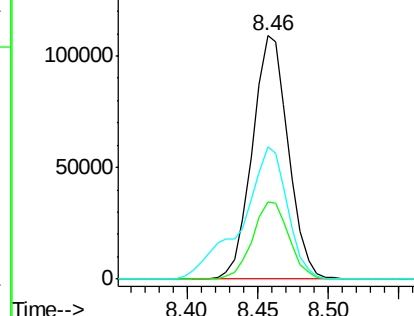
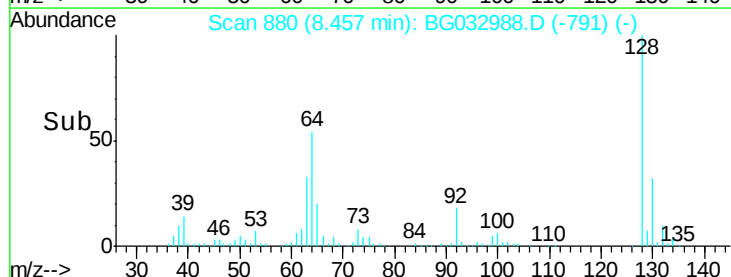
128 100

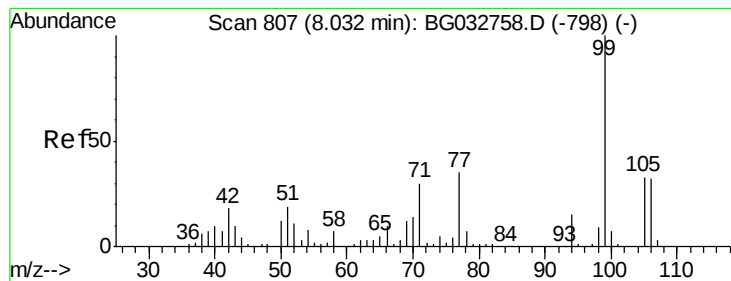
130 31.5 14.0 54.0

64 54.4 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: 18.216 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

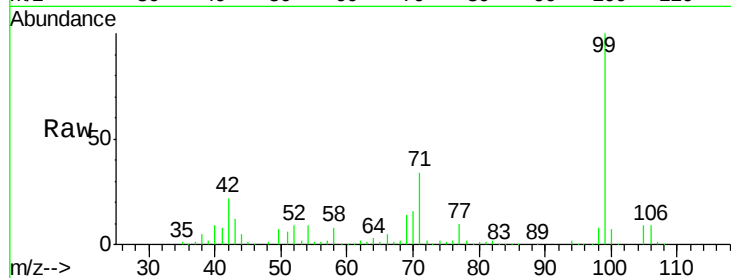
Tot Ion: 77 Resp: 58195

Ion Ratio Lower Upper

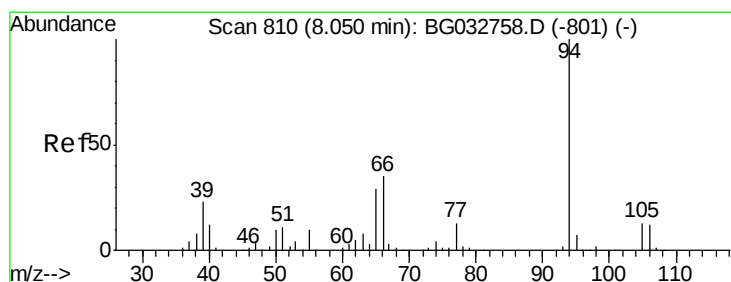
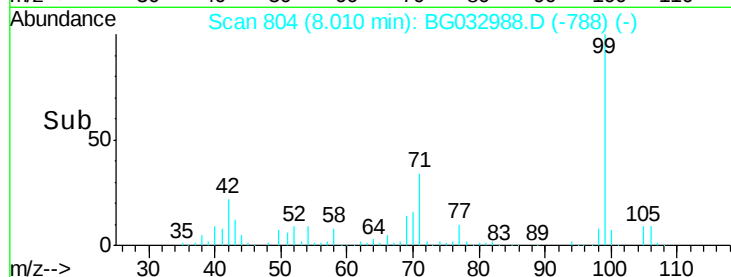
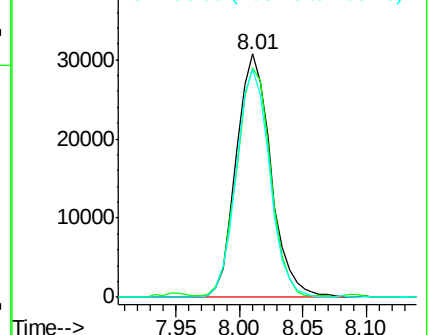
77 100

105 94.3 71.3 111.3

106 93.5 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: 39.969 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

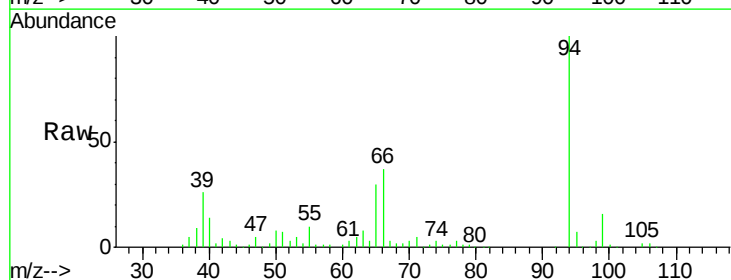
Tgt Ion: 94 Resp: 223336

Ion Ratio Lower Upper

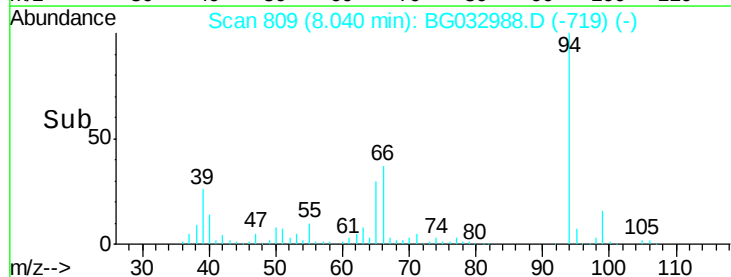
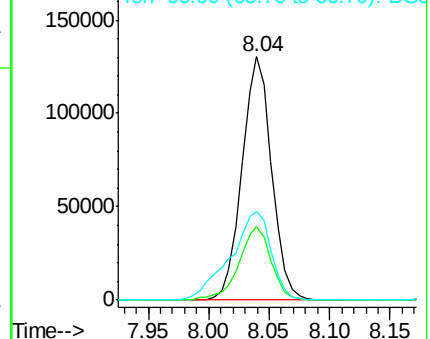
94 100

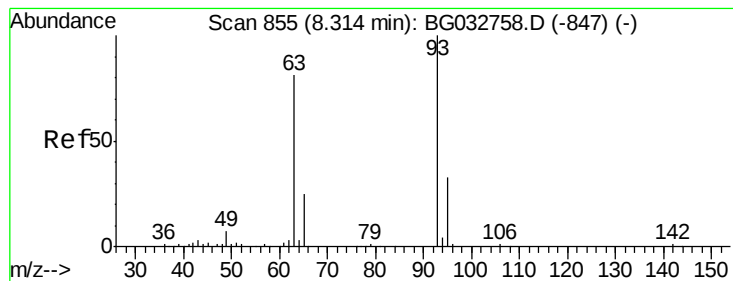
65 30.1 11.9 51.9

66 36.7 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

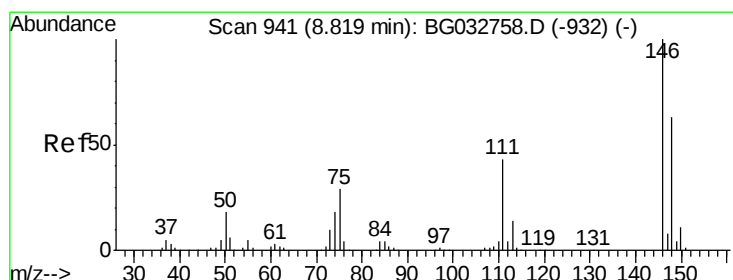
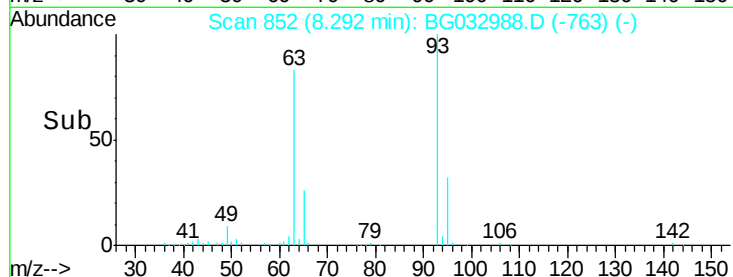
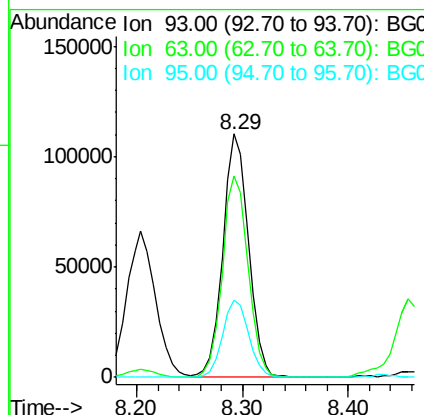
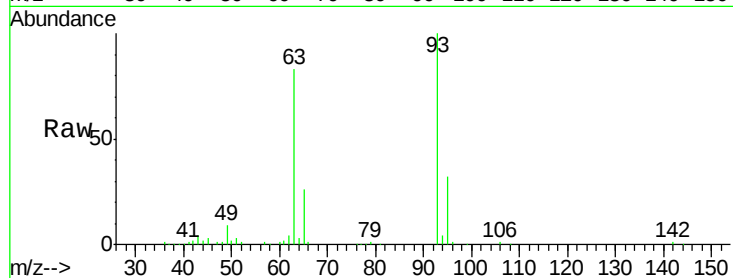




#11  
bis(2-Chloroethyl)ether  
Concen: 40.637 ng  
RT: 8.29 min Scan# 852  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

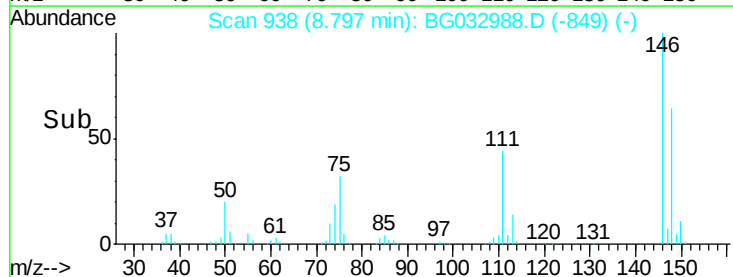
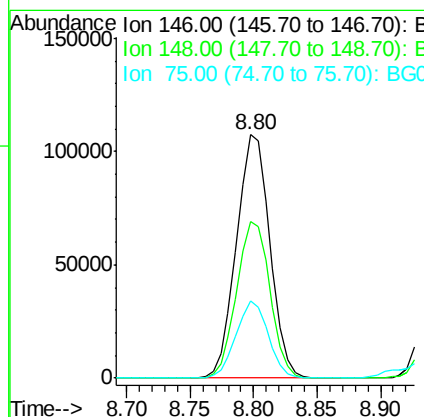
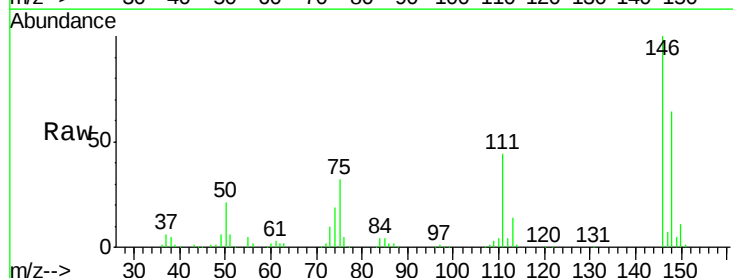
Instrument :  
BNA\_G  
ClientSampled :

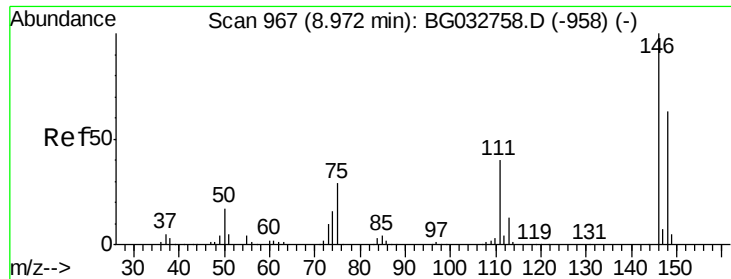
Tot Ion: 93 Resp: 185672  
Ion Ratio Lower Upper  
93 100  
63 82.5 67.1 107.1  
95 31.7 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 38.477 ng  
RT: 8.80 min Scan# 938  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Tgt Ion: 146 Resp: 196166  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.4 77.2  
75 31.5 26.6 39.8

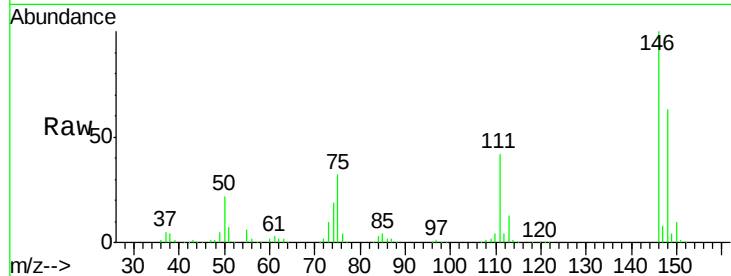




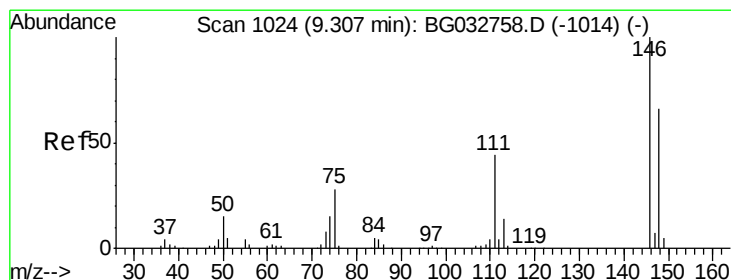
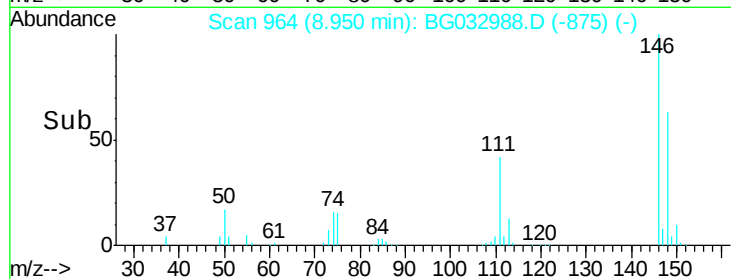
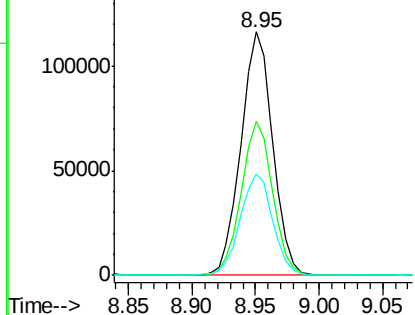
#13  
 1,4-Dichlorobenzene  
 Concen: 39.311 ng  
 RT: 8.95 min Scan# 964  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:146 Resp: 201736  
 Ion Ratio Lower Upper  
 146 100  
 148 63.1 53.7 80.5  
 111 41.7 35.2 52.8

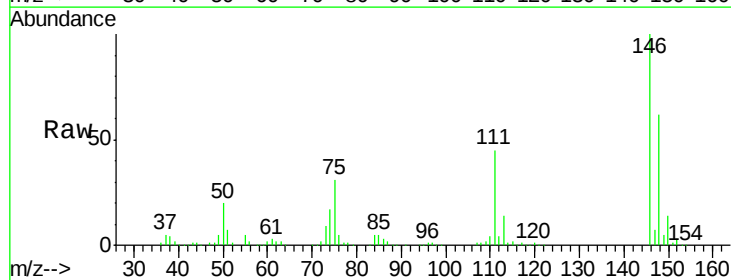


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

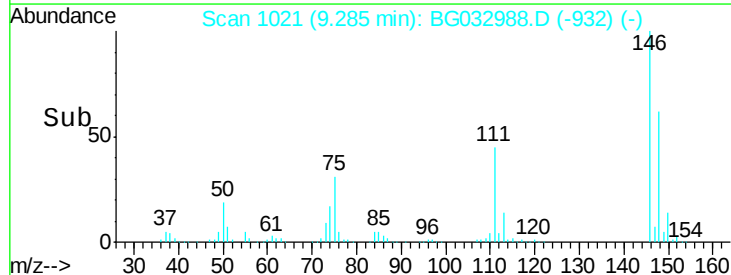
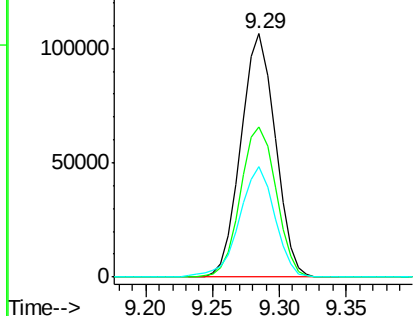


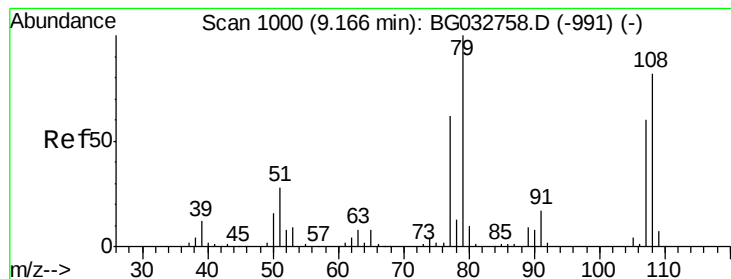
#14  
 1,2-Dichlorobenzene  
 Concen: 38.654 ng  
 RT: 9.29 min Scan# 1021  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

Tgt Ion:146 Resp: 190088  
 Ion Ratio Lower Upper  
 146 100  
 148 61.8 49.3 73.9  
 111 45.3 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: 44.312 ng

RT: 9.14 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

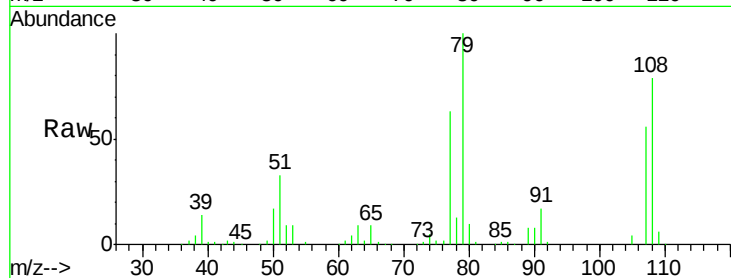
Tot Ion: 79 Resp: 180570

Ion Ratio Lower Upper

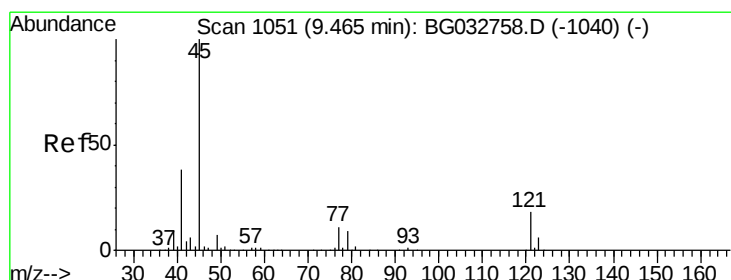
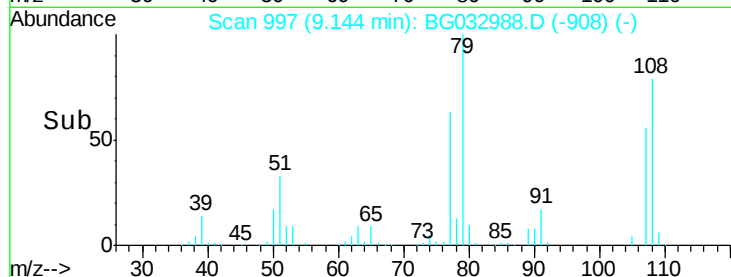
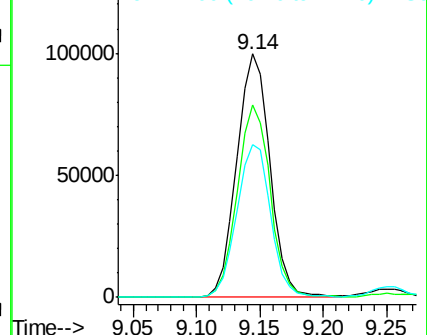
79 100

108 78.8 57.2 85.8

77 62.7 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.947 ng

RT: 9.44 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

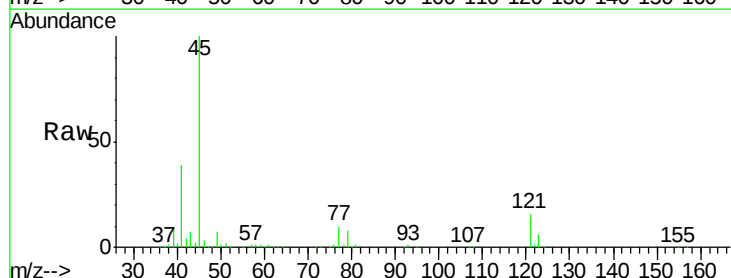
Tgt Ion: 45 Resp: 353045

Ion Ratio Lower Upper

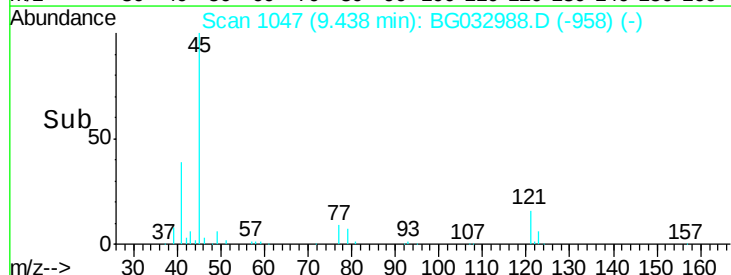
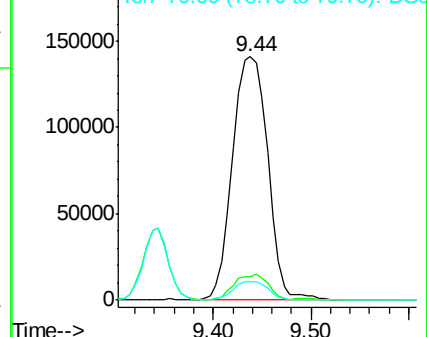
45 100

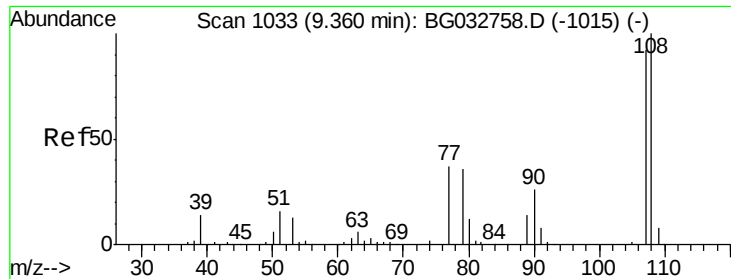
77 9.9 0.0 30.2

79 7.8 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

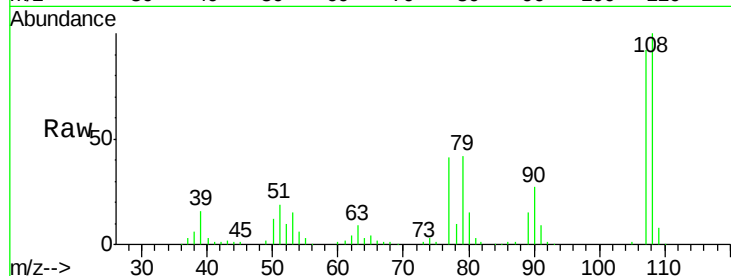




#17  
2-Methylphenol  
Concen: 40.418 ng  
RT: 9.34 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 109.1 | 83.9  | 125.9 |
| 77      | 45.1  | 37.2  | 55.8  |
| 79      | 45.5  | 36.2  | 54.2  |



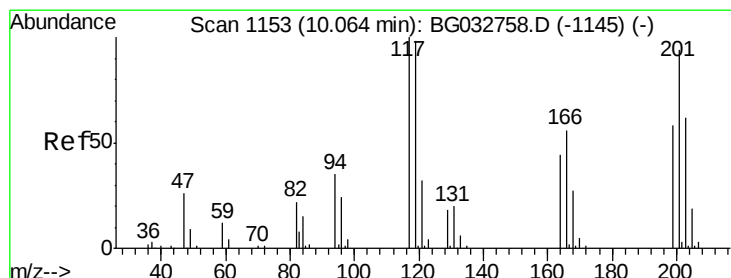
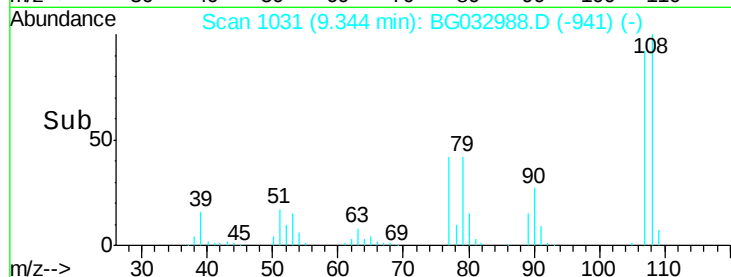
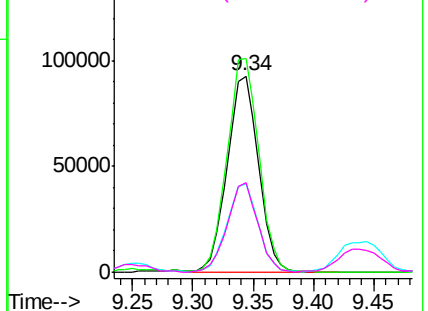
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

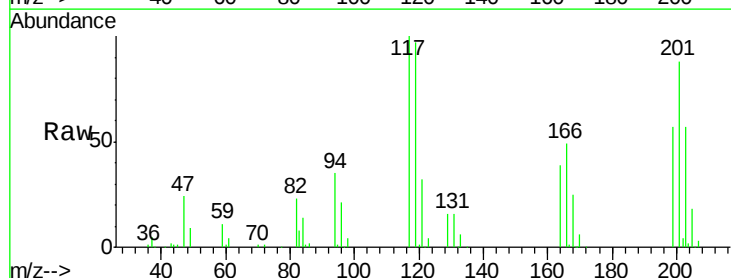
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 42.183 ng  
RT: 10.04 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 97.5  | 76.7  | 115.1  |
| 201     | 87.7  | 95.7  | 143.5# |

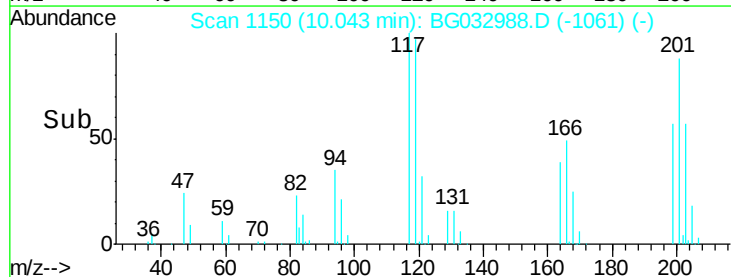
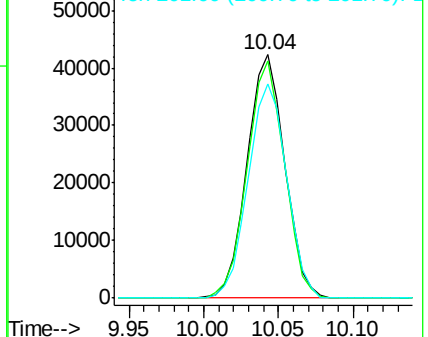


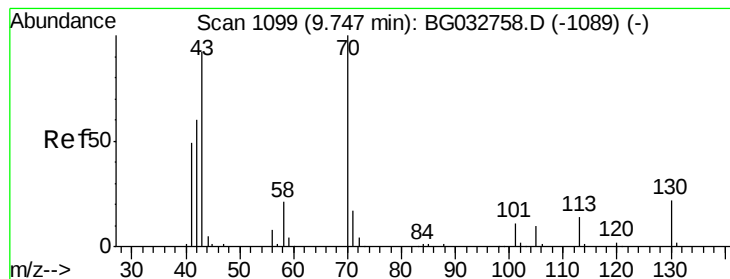
Abundance

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: 40.190 ng

RT: 9.73 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 157274

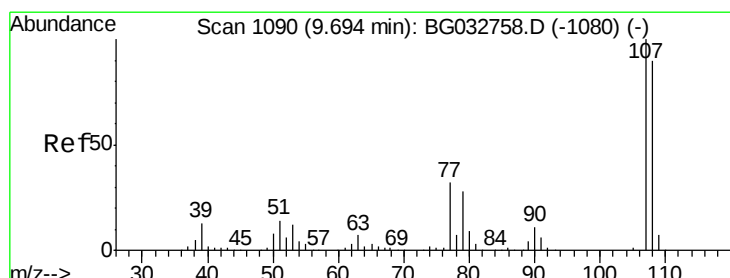
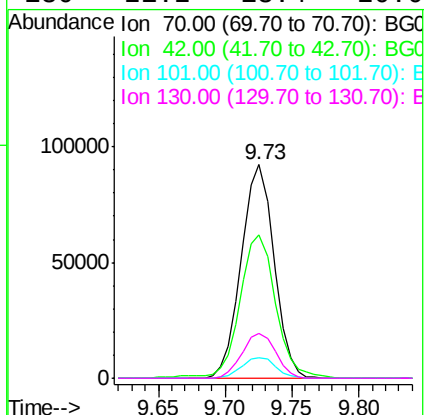
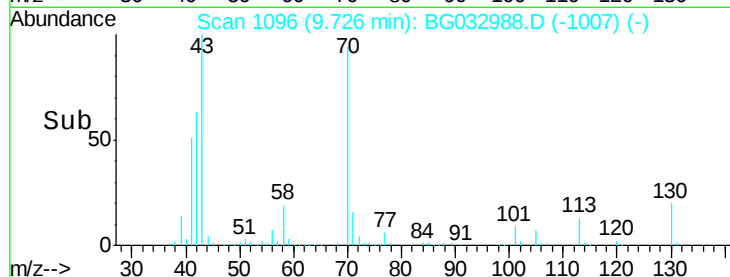
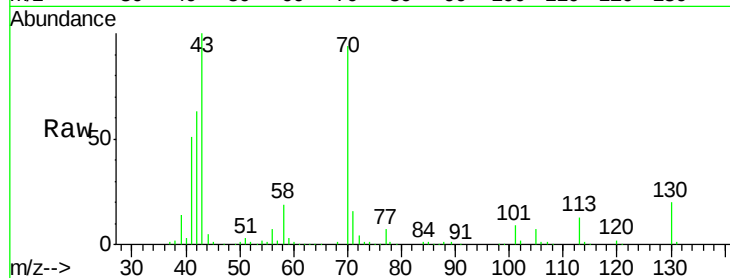
Ion Ratio Lower Upper

70 100

42 67.2 49.1 73.7

101 9.5 8.5 12.7

130 21.2 13.4 20.0#



#20

3+4-Methylphenols

Concen: 40.380 ng

RT: 9.67 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Tgt Ion: 107 Resp: 231341

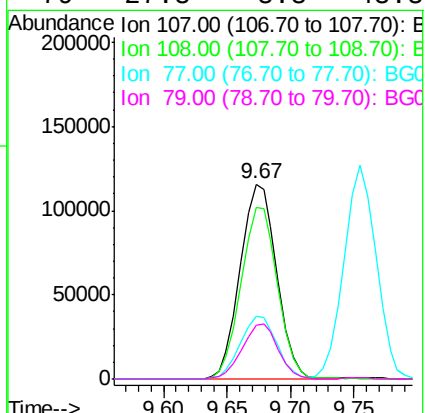
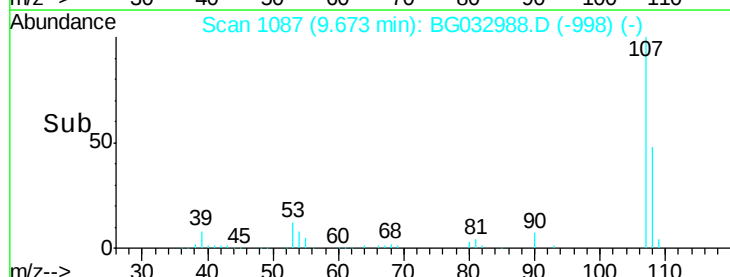
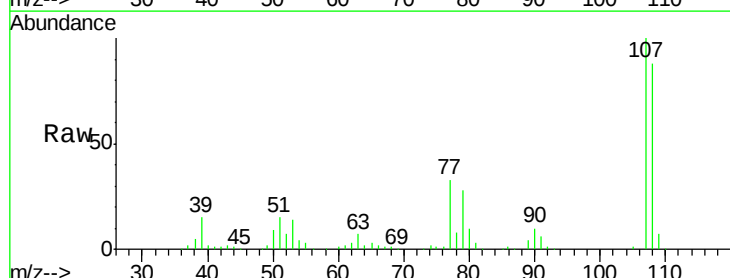
Ion Ratio Lower Upper

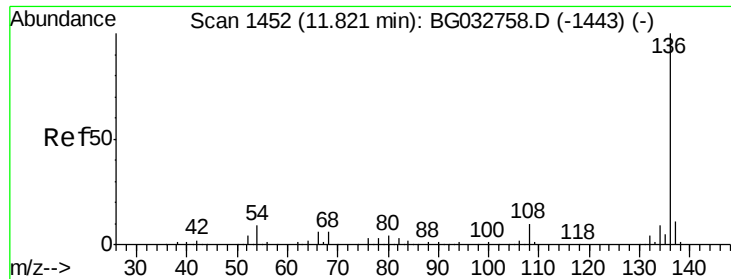
107 100

108 88.0 61.6 101.6

77 32.5 13.9 53.9

79 27.8 8.8 48.8

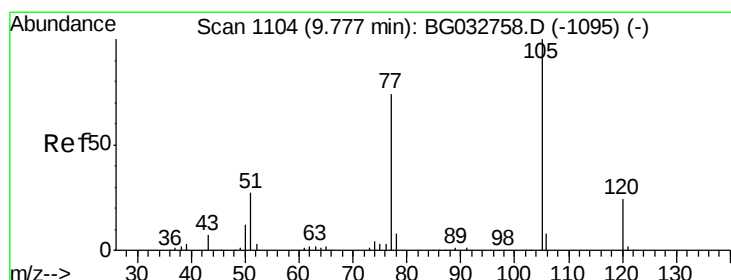
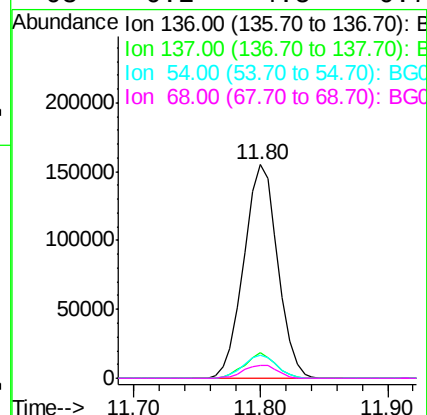
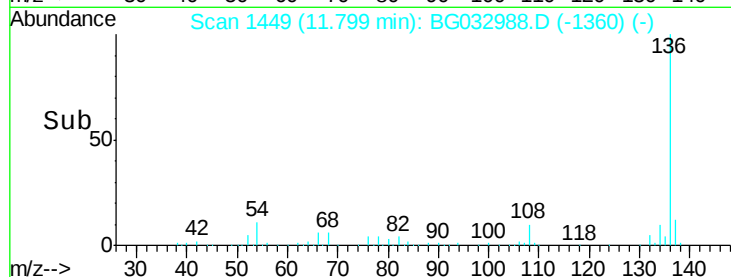
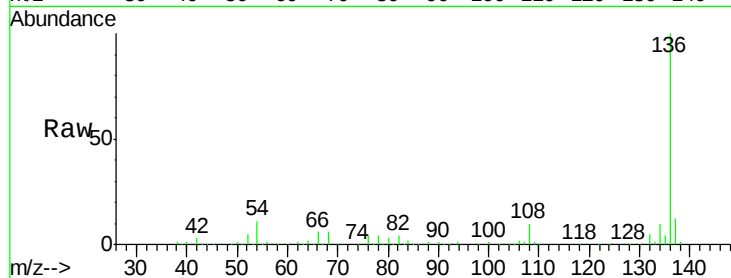




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.80 min Scan# 1449  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

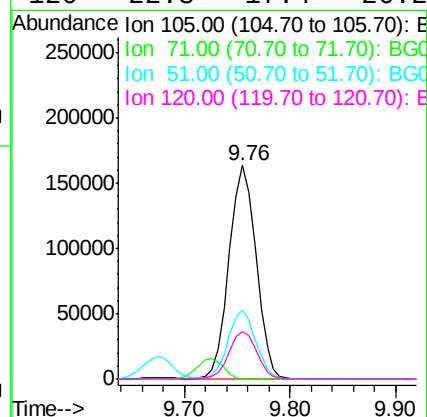
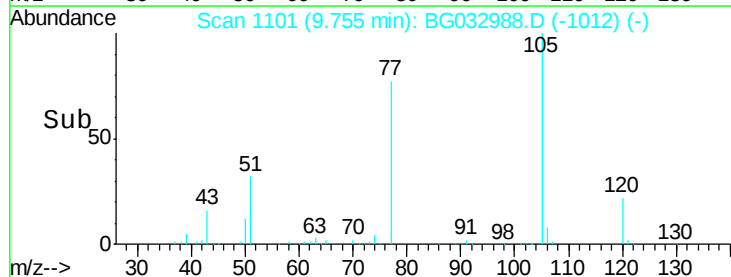
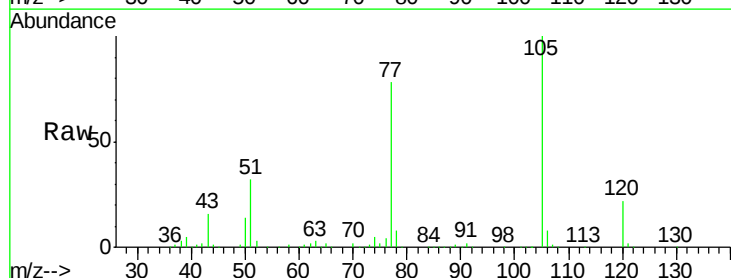
Instrument :  
BNA\_G  
ClientSampleId :

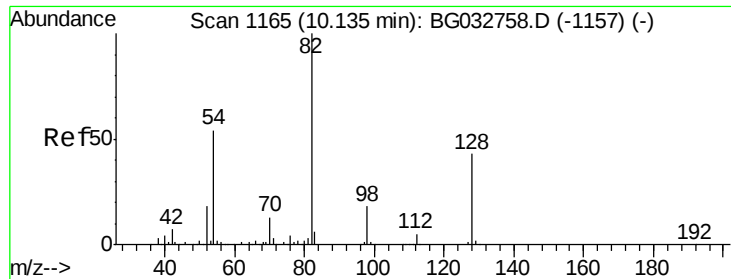
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 287437 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.8  | 9.2   | 13.8   |
| 54       | 10.5  | 10.3  | 15.5   |
| 68       | 6.2   | 4.5   | 6.7    |



#22  
Acetophenone  
Concen: 40.059 ng  
RT: 9.76 min Scan# 1101  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 290799 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.2   | 3.0   | 4.4#   |
| 51       | 32.5  | 26.1  | 39.1   |
| 120      | 22.3  | 17.4  | 26.2   |

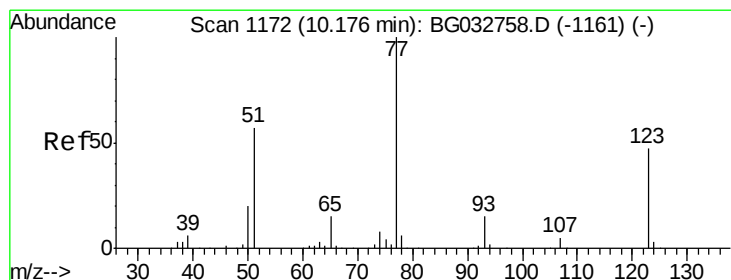
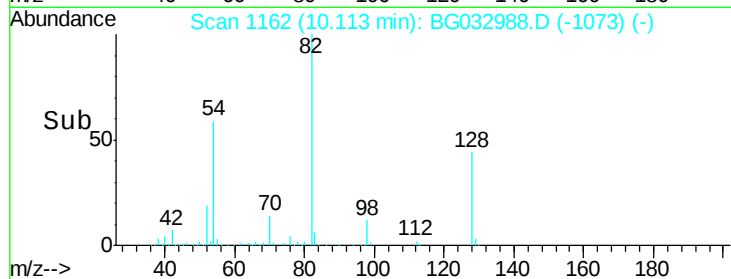
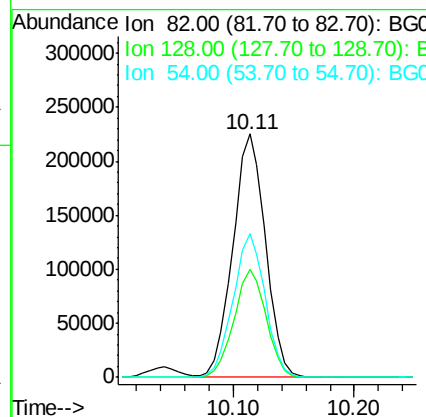
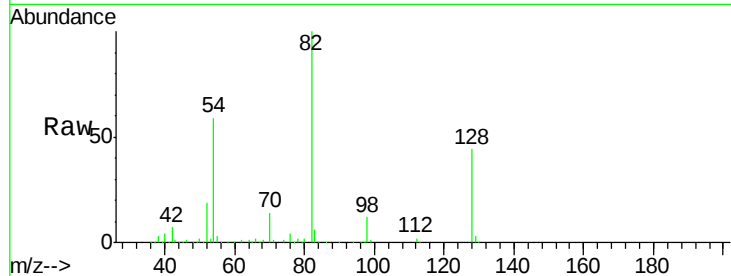




#23  
 Nitrobenzene-d5  
 Concen: 99.871 ng  
 RT: 10.11 min Scan# 1162  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

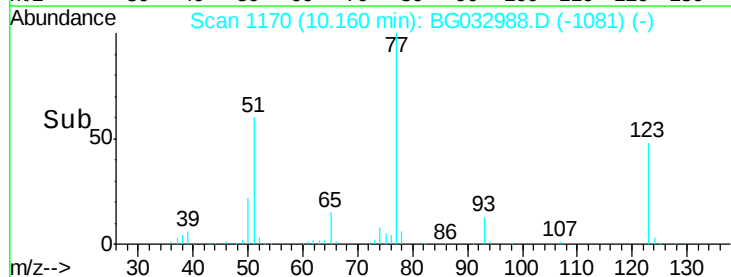
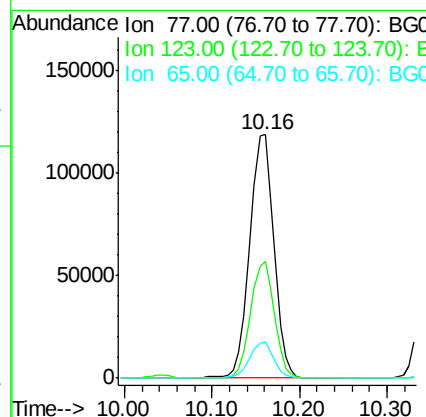
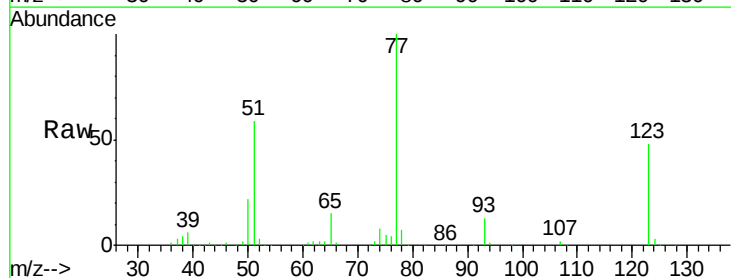
Instrument :  
 BNA\_G  
 ClientSampleId :

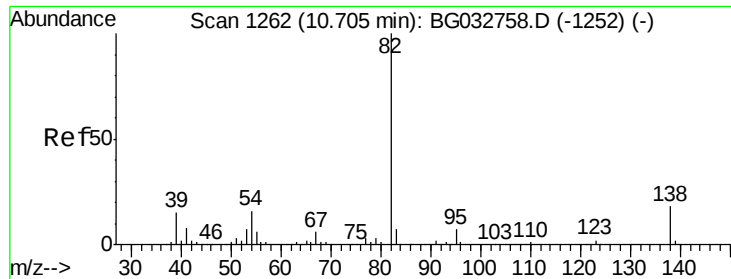
| Tot Ion   | 82    | Resp  | 421802 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.4  | 29.7  | 44.5   |
| 54        | 58.9  | 43.1  | 64.7   |



#24  
 Nitrobenzene  
 Concen: 48.119 ng  
 RT: 10.16 min Scan# 1170  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

| Tgt Ion   | 77    | Resp  | 220659 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 48.2  | 33.0  | 49.6   |
| 65        | 15.1  | 13.0  | 19.6   |





#25

Isophorone

Concen: 43.180 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

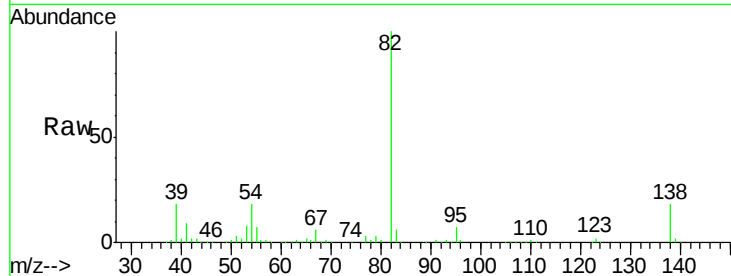
Tot Ion: 82 Resp: 435637

Ion Ratio Lower Upper

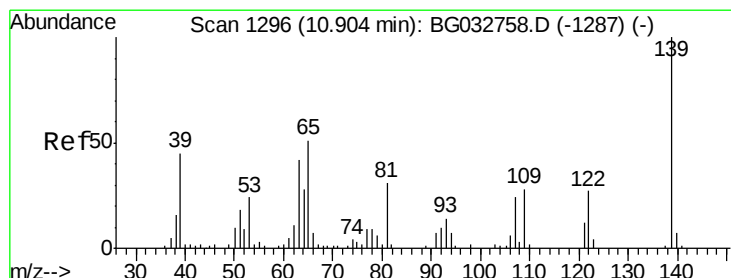
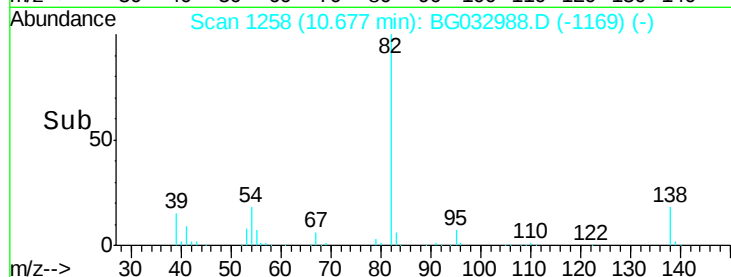
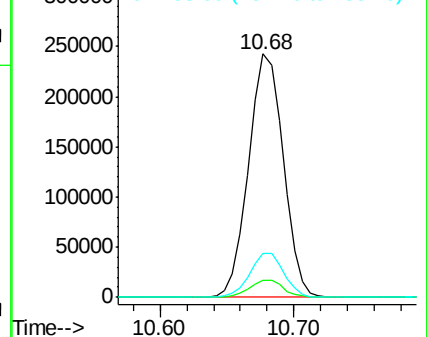
82 100

95 7.2 6.2 9.2

138 18.0 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: 59.312 ng

RT: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

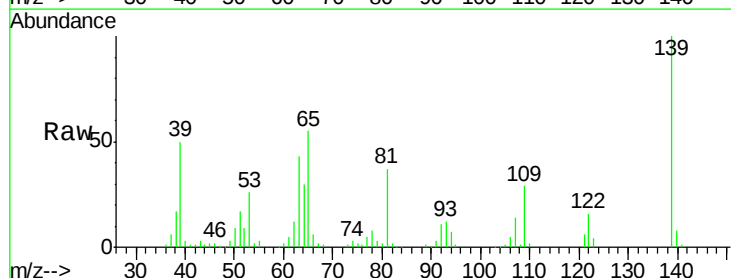
Tgt Ion: 139 Resp: 104173

Ion Ratio Lower Upper

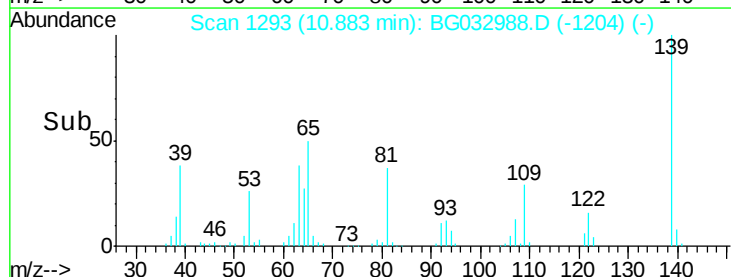
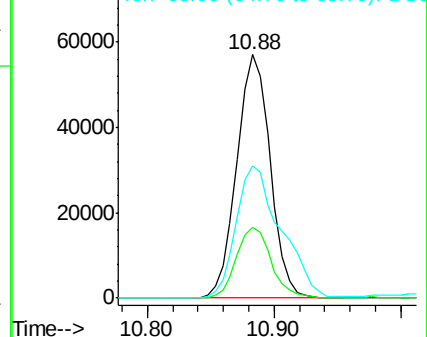
139 100

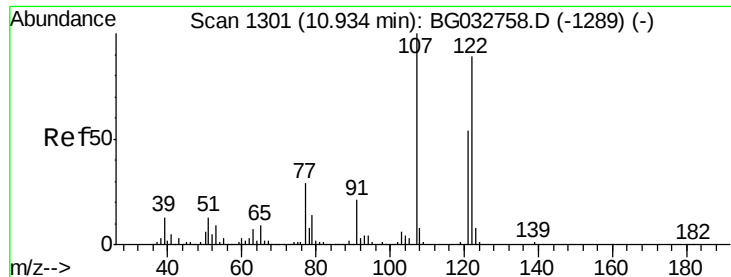
109 28.9 24.2 36.2

65 54.5 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

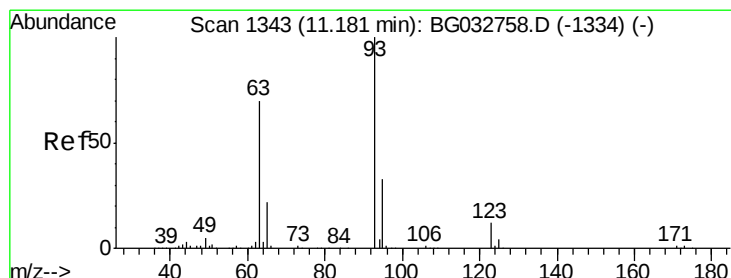
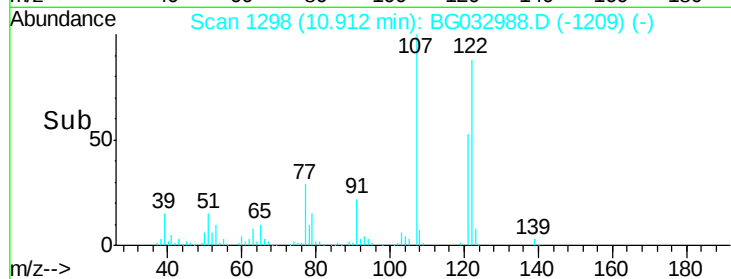
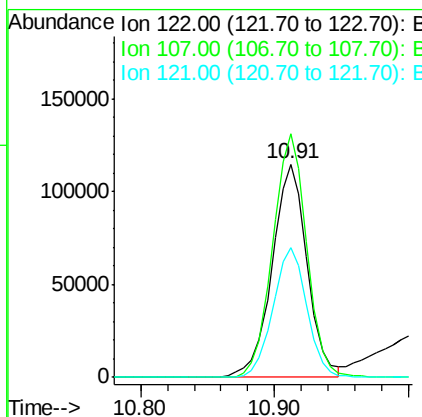
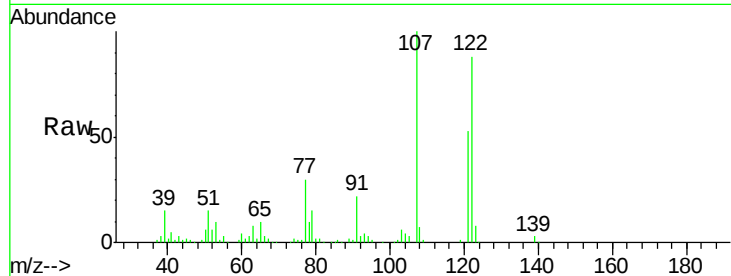




#27  
 2,4-Dimethylphenol  
 Concen: 47.823 ng  
 RT: 10.91 min Scan# 1298  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

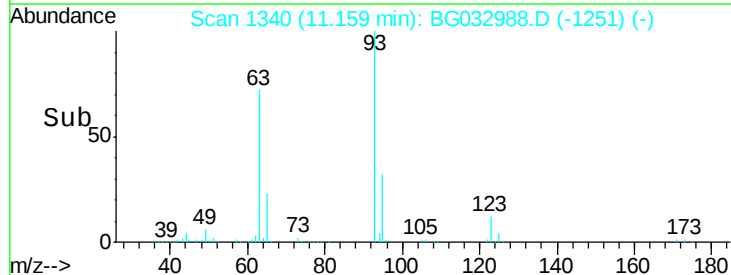
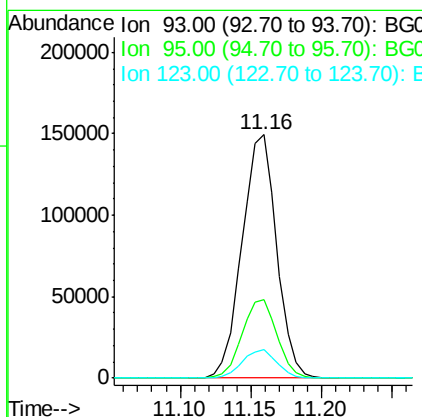
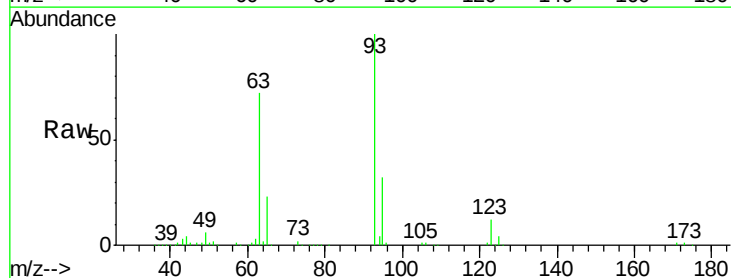
Instrument :  
 BNA\_G  
 ClientSampleId :

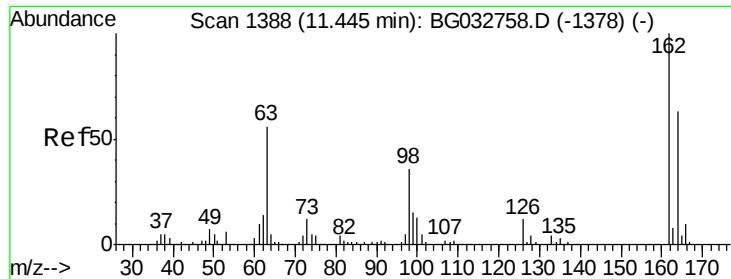
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.3 | 100.2 | 150.2 |
| 121     | 60.8  | 44.4  | 66.6  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.604 ng  
 RT: 11.16 min Scan# 1340  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.4  | 24.3  | 36.5  |
| 123     | 11.7  | 8.4   | 12.6  |





#29

2,4-Dichlorophenol

Concen: 46.734 ng

RT: 11.42 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

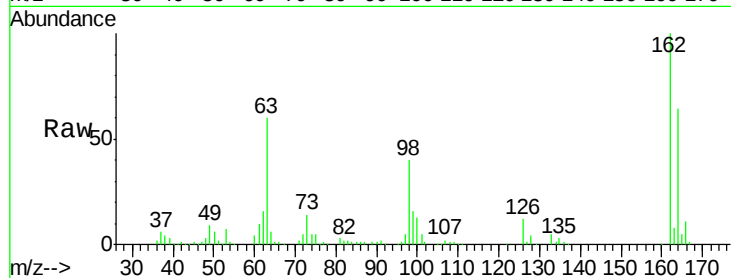
Tot Ion:162 Resp: 185895

Ion Ratio Lower Upper

162 100

164 64.0 48.0 88.0

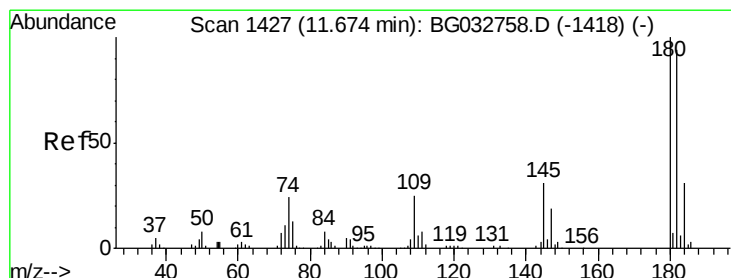
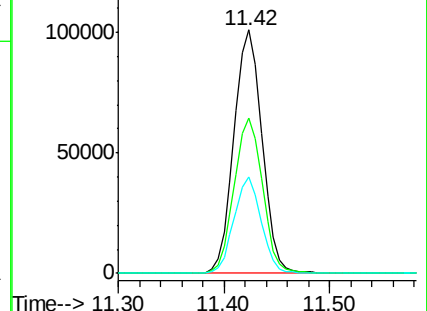
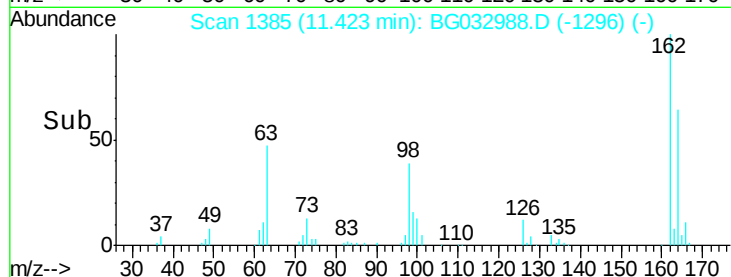
98 39.6 21.1 61.1



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: 38.554 ng

RT: 11.65 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

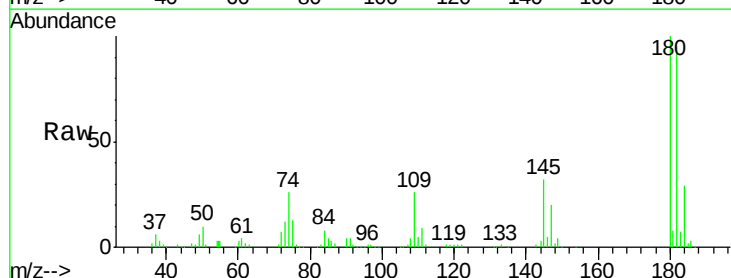
Tgt Ion:180 Resp: 179767

Ion Ratio Lower Upper

180 100

182 94.9 77.5 116.3

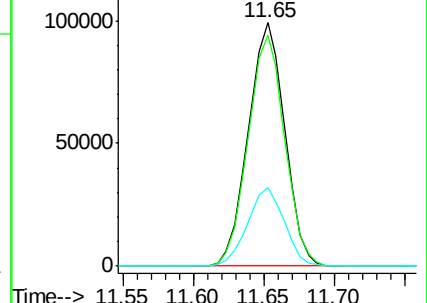
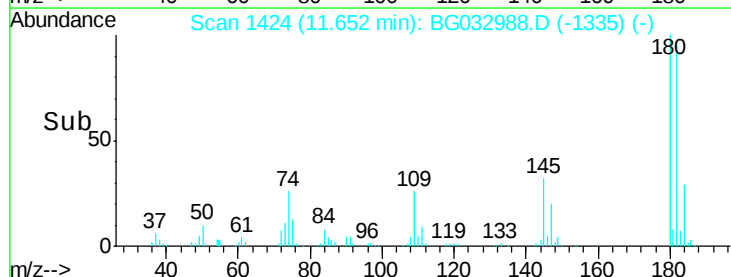
145 32.1 23.4 35.2

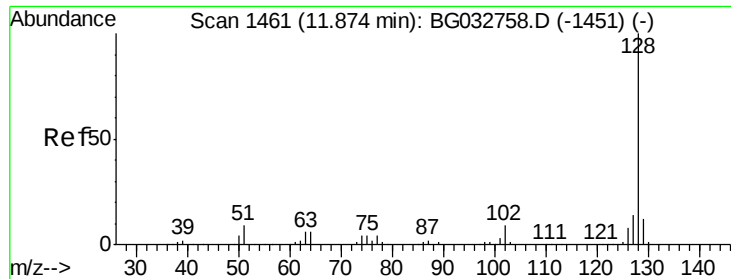


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

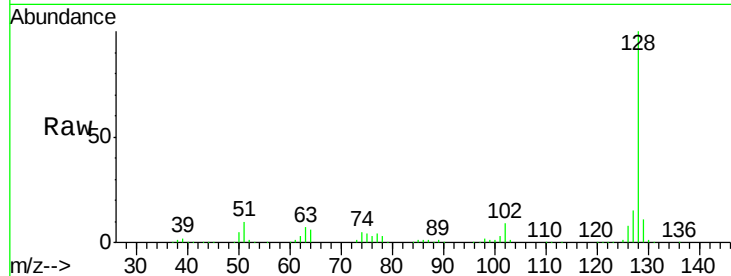




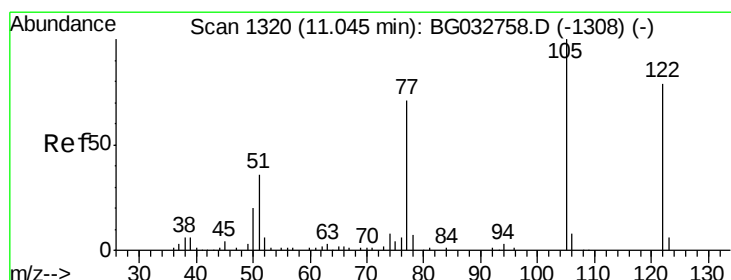
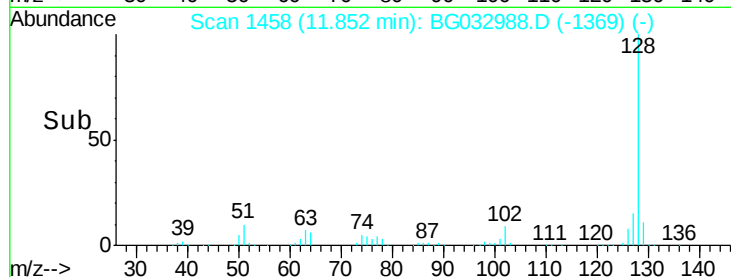
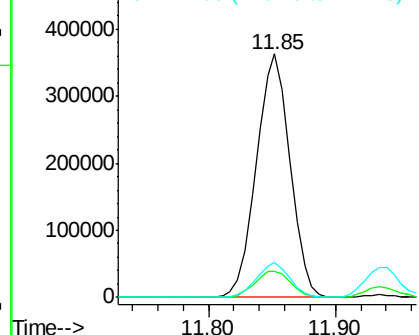
#31  
Naphthalene  
Concen: 44.542 ng  
RT: 11.85 min Scan# 1458  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:128 Resp: 669009  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 12.8  
127 14.5 11.6 17.4

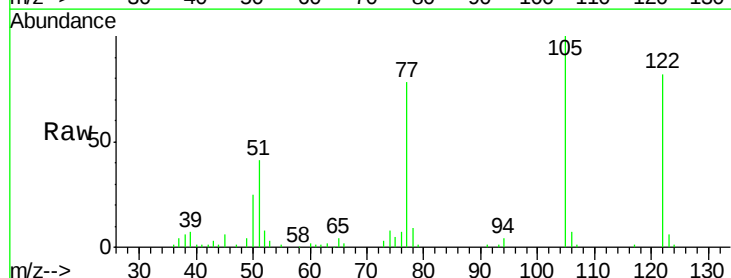


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

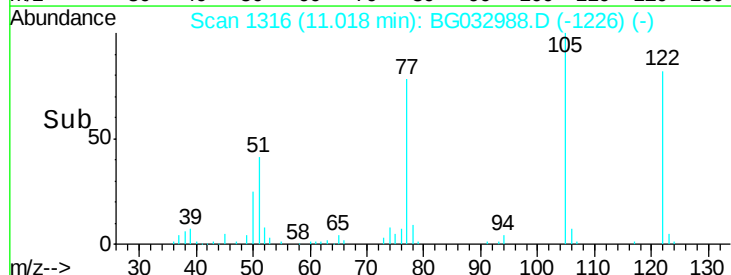
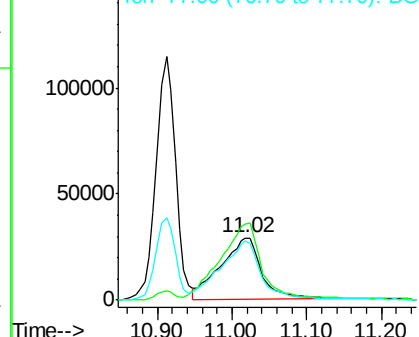


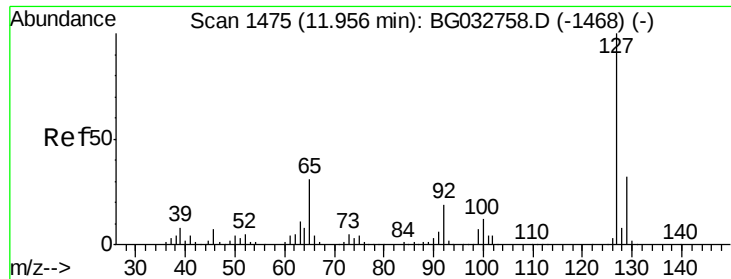
#32  
Benzoic acid  
Concen: 42.644 ng  
RT: 11.02 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Tgt Ion:122 Resp: 110307  
Ion Ratio Lower Upper  
122 100  
105 122.1 123.5 163.5#  
77 94.9 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

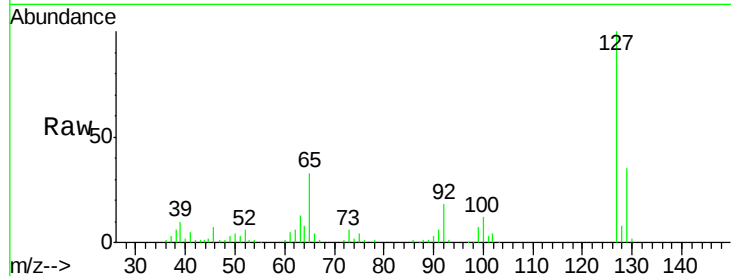




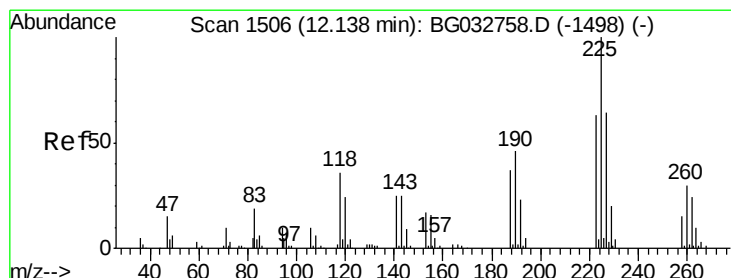
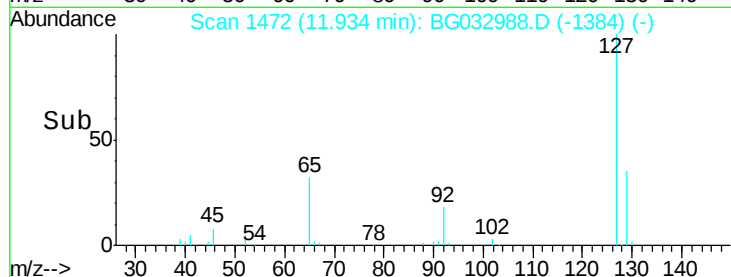
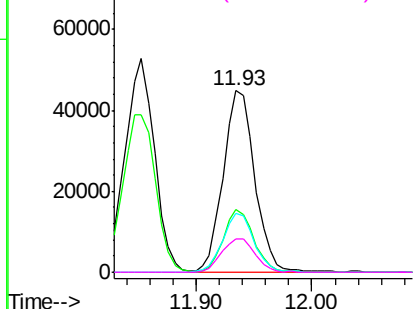
#33  
4-Chloroaniline  
Concen: 12.701 ng  
RT: 11.93 min Scan# 1472  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 85293 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.6  | 24.0  | 36.0  |
| 65       | 32.7  | 27.0  | 40.4  |
| 92       | 18.5  | 16.6  | 25.0  |

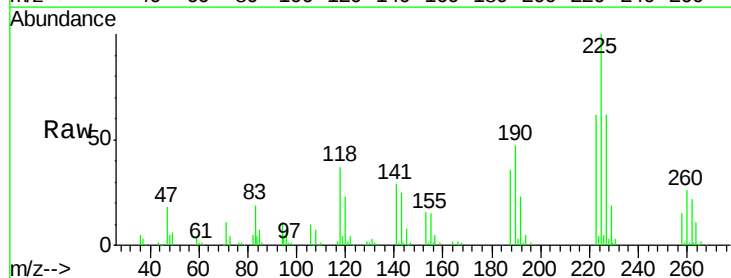


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

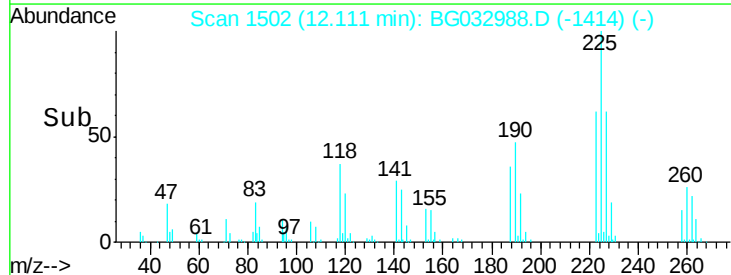
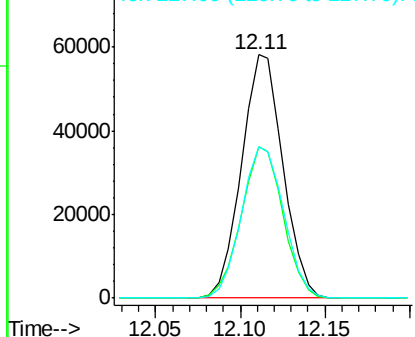


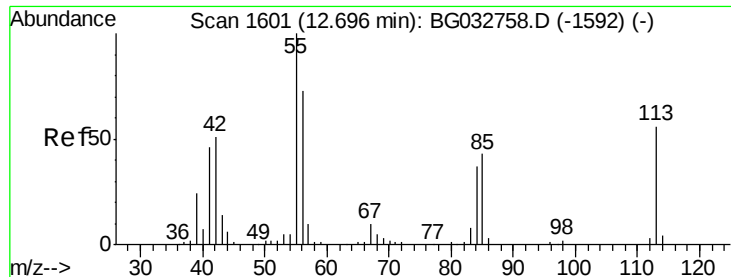
#34  
Hexachlorobutadiene  
Concen: 37.807 ng  
RT: 12.11 min Scan# 1502  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 98880 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.1  | 49.7  | 74.5  |
| 227      | 62.2  | 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: 37.033 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

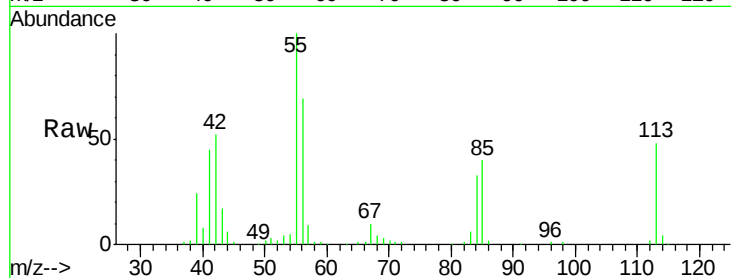
Tot Ion:113 Resp: 58984

Ion Ratio Lower Upper

113 100

55 209.0 186.9 226.9

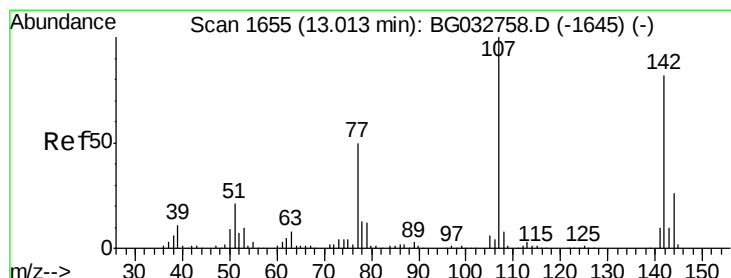
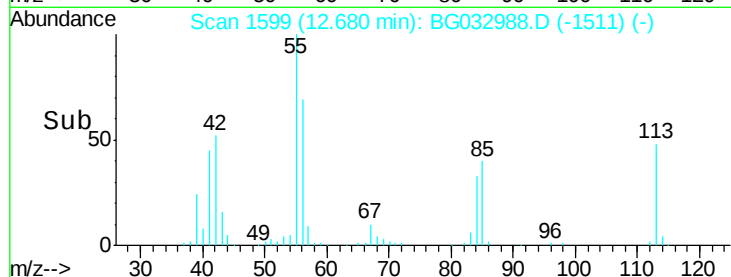
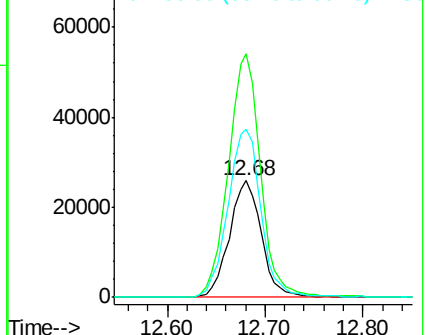
56 143.7 130.9 170.9



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: 49.062 ng

RT: 13.00 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

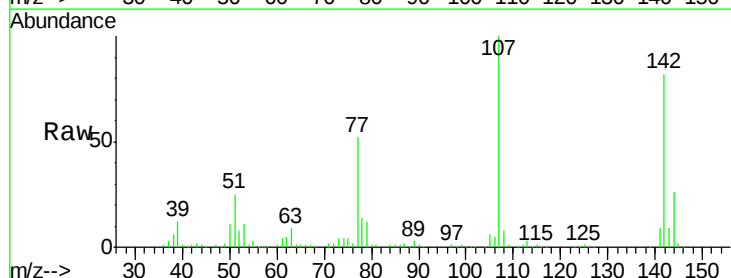
Tgt Ion:107 Resp: 227104

Ion Ratio Lower Upper

107 100

144 25.6 18.2 27.4

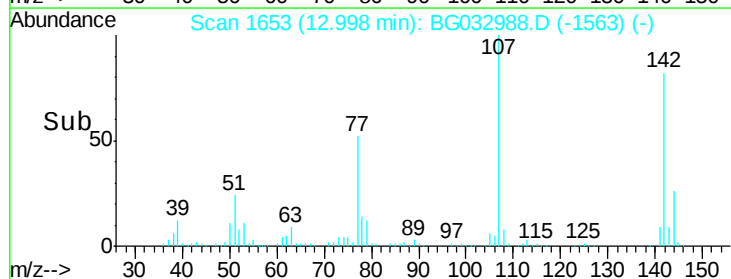
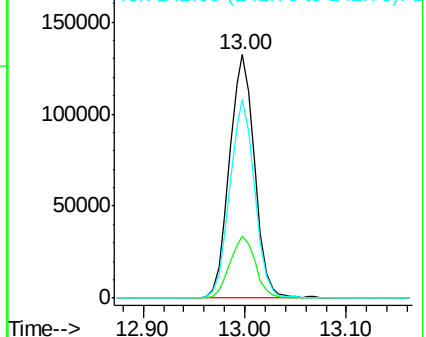
142 81.6 59.0 88.4

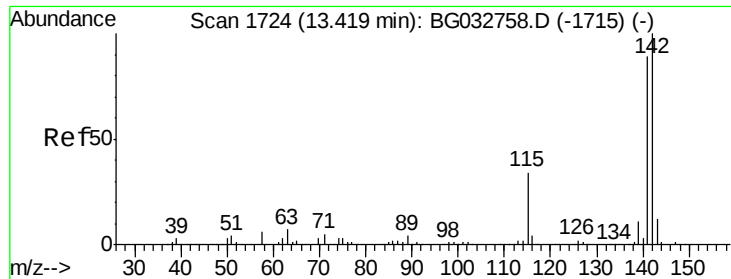


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

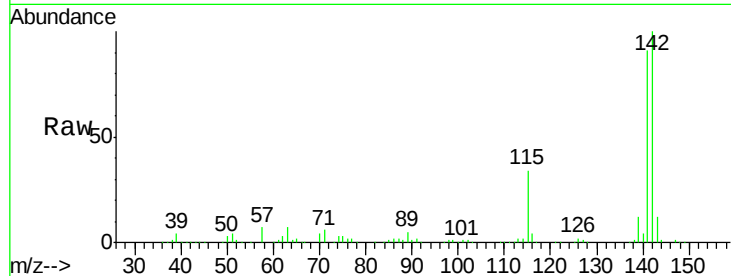




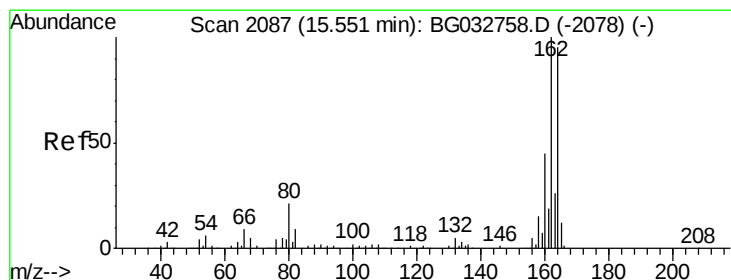
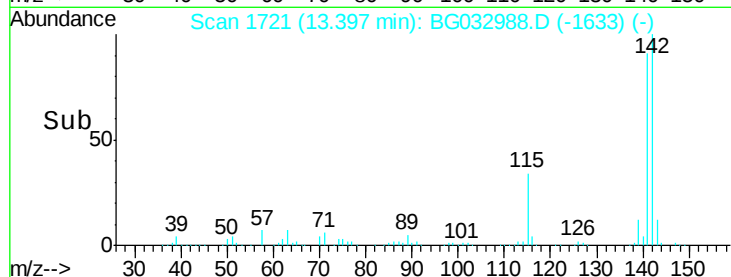
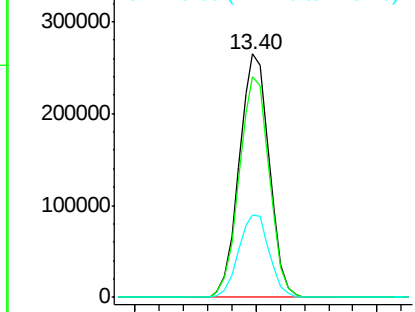
#37  
2-Methylnaphthalene  
Concen: 42.107 ng  
RT: 13.40 min Scan# 1721  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:142 Resp: 457551  
Ion Ratio Lower Upper  
142 100  
141 90.6 67.1 100.7  
115 33.6 30.7 46.1

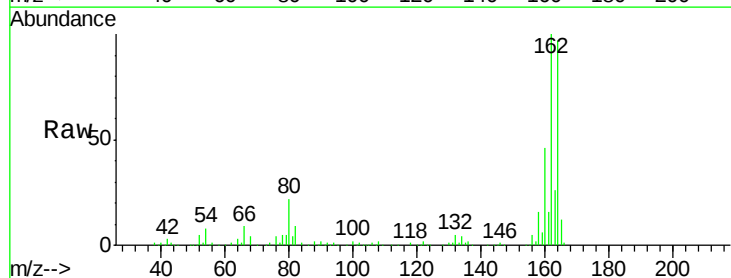


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

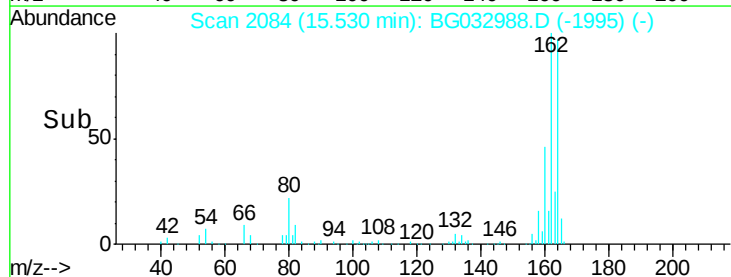
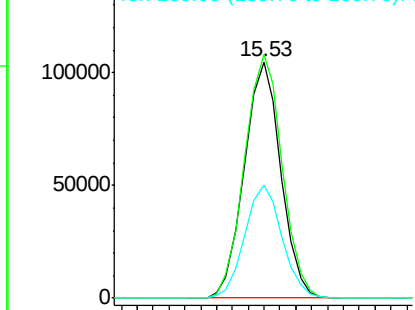


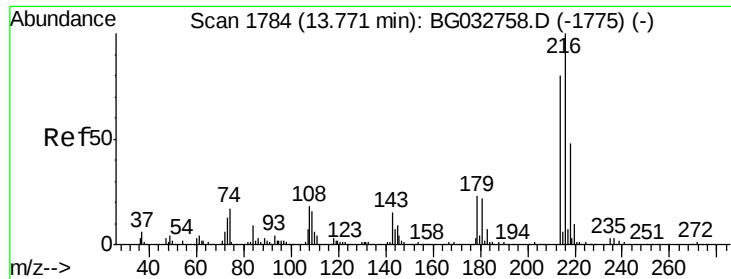
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.53 min Scan# 2084  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Tgt Ion:164 Resp: 166796  
Ion Ratio Lower Upper  
164 100  
162 103.1 78.8 118.2  
160 47.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.333 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:216 Resp: 189803

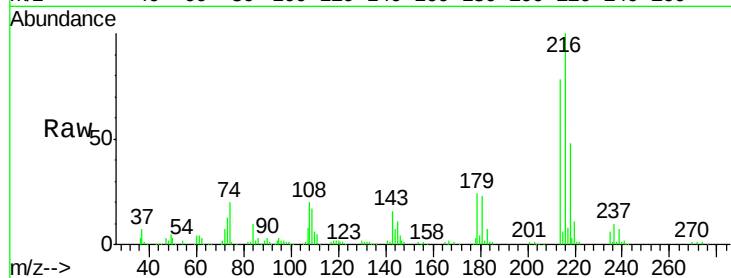
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 23.3 17.0 25.6

108 24.0 12.8 19.2#

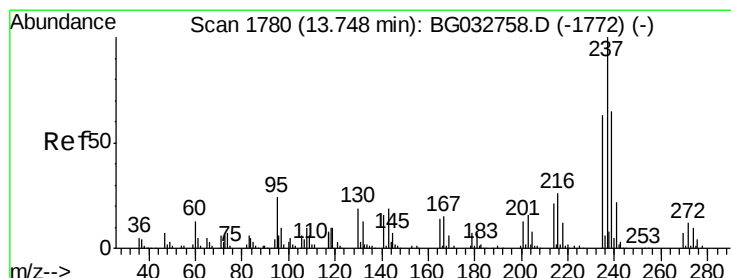
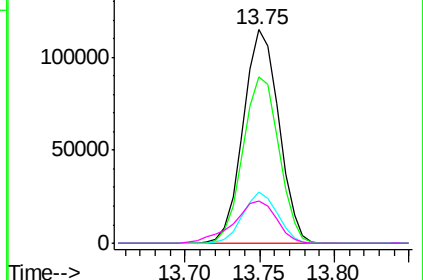
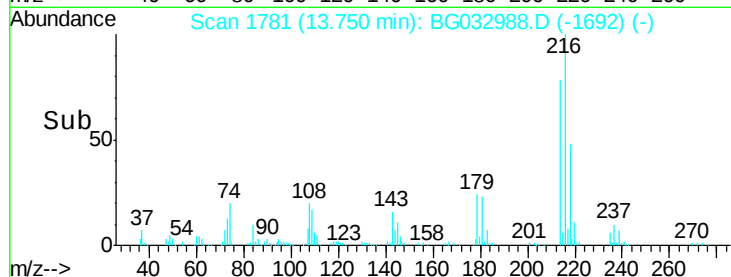


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.243 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

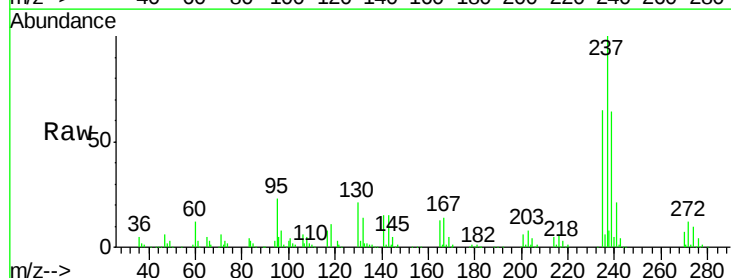
Tgt Ion:237 Resp: 222673

Ion Ratio Lower Upper

237 100

235 65.2 50.4 90.4

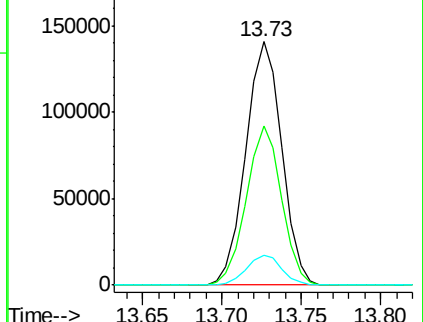
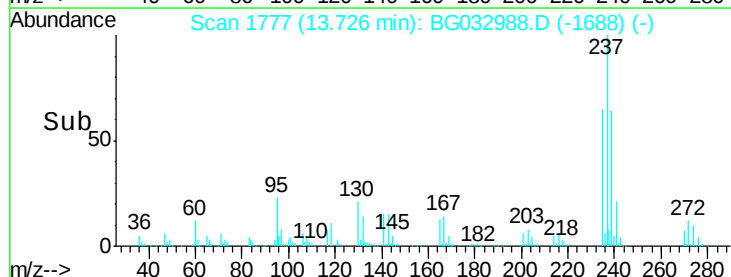
272 12.3 0.0 31.8

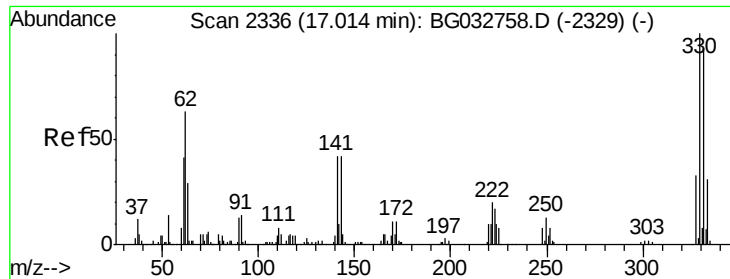


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

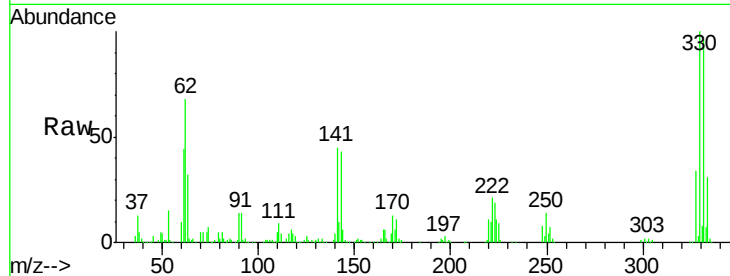




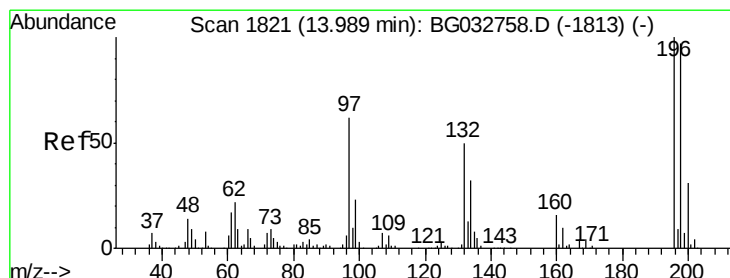
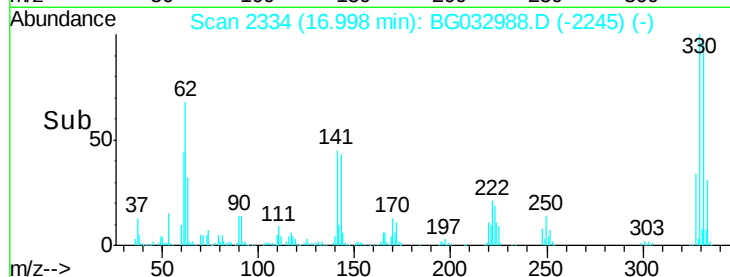
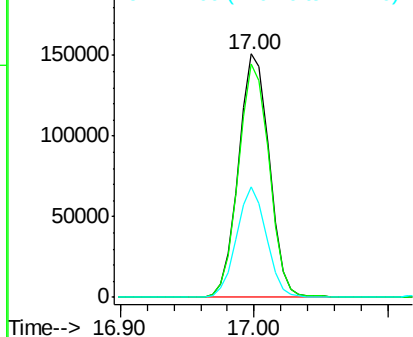
#41  
 2,4,6-Tribromophenol  
 Concen: 137.388 ng  
 RT: 17.00 min Scan# 2334  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:330 Resp: 240952  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 77.0 115.6  
 141 44.2 25.2 37.8#

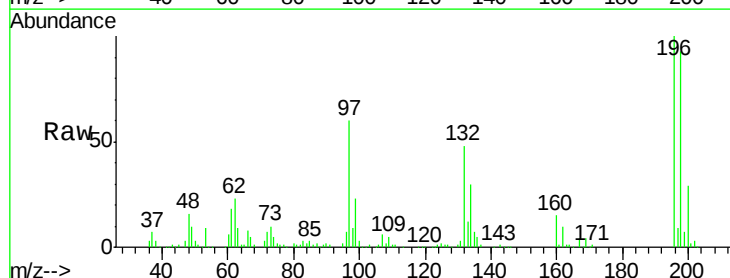


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

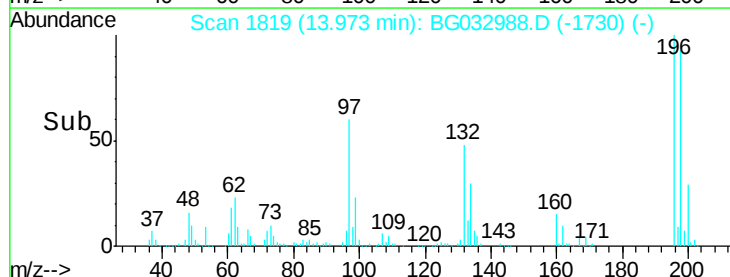
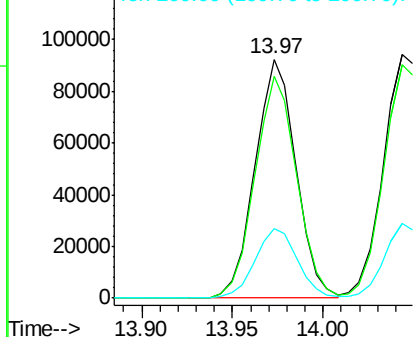


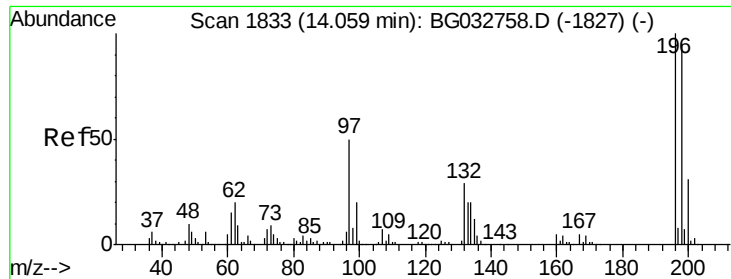
#42  
 2,4,6-Trichlorophenol  
 Concen: 46.841 ng  
 RT: 13.97 min Scan# 1819  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

Tgt Ion:196 Resp: 146264  
 Ion Ratio Lower Upper  
 196 100  
 198 92.8 78.2 117.2  
 200 29.0 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

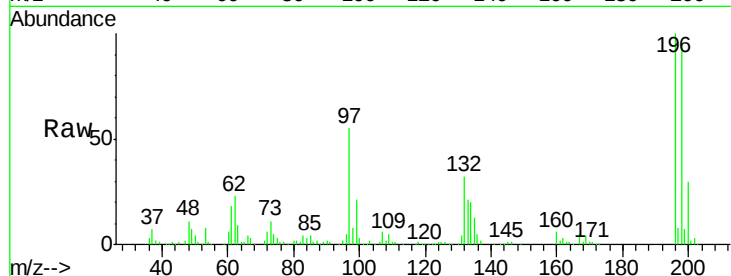




#43  
 2,4,5-Trichlorophenol  
 Concen: 44.714 ng  
 RT: 14.04 min Scan# 1831  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.6  | 76.2  | 114.4 |
| 97      | 54.5  | 38.7  | 58.1  |
| 132     | 32.4  | 20.2  | 30.2  |



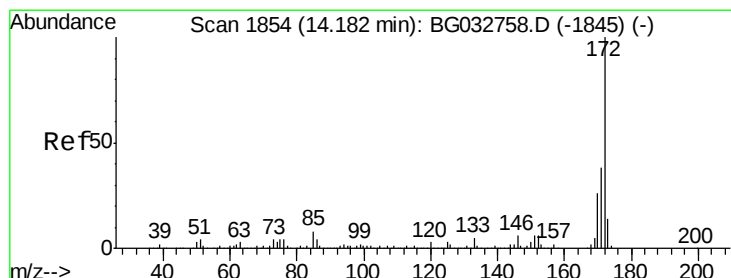
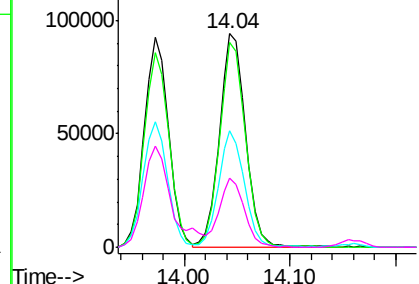
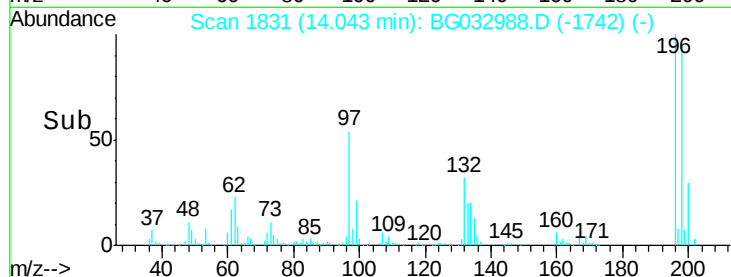
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

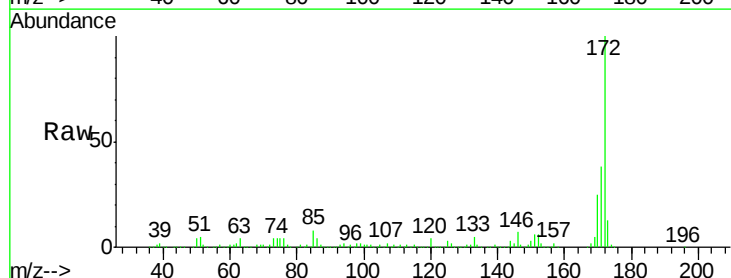
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 77.493 ng  
 RT: 14.16 min Scan# 1851  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.4  | 30.0  | 45.0  |
| 170     | 25.3  | 19.5  | 29.3  |

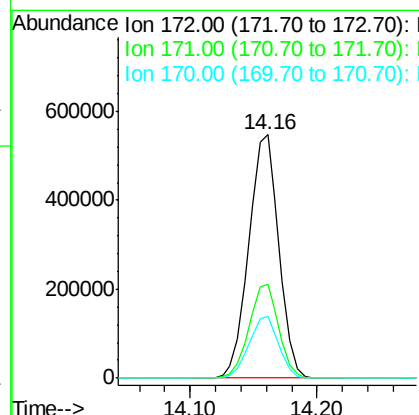
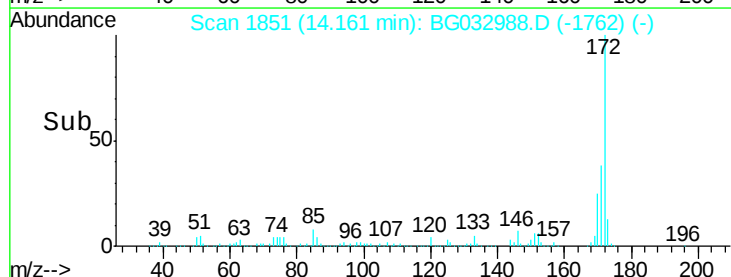


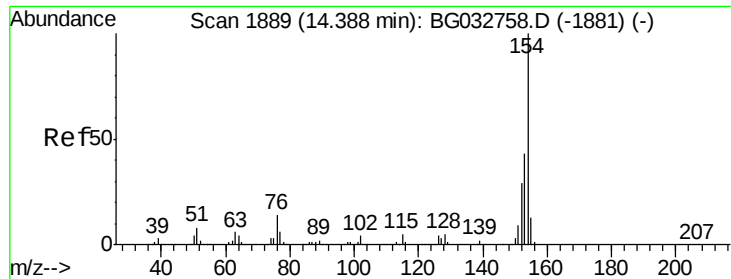
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

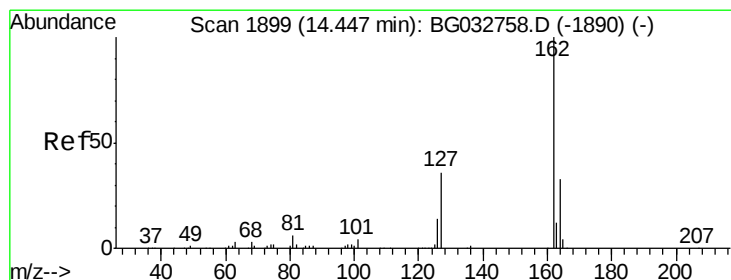
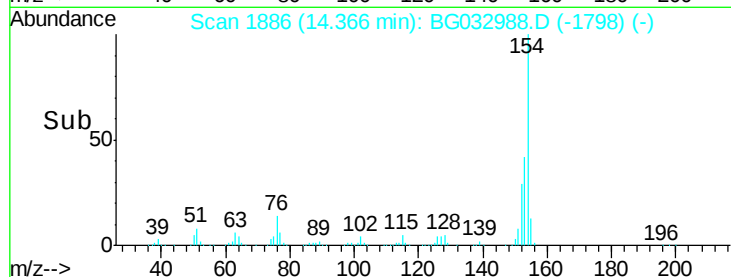
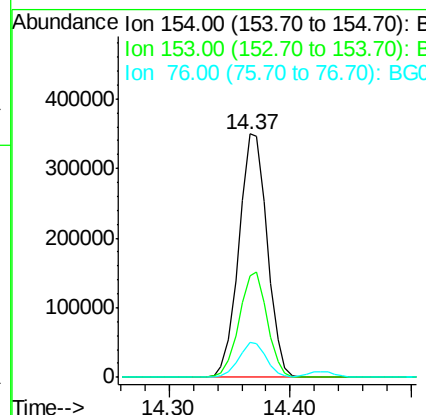
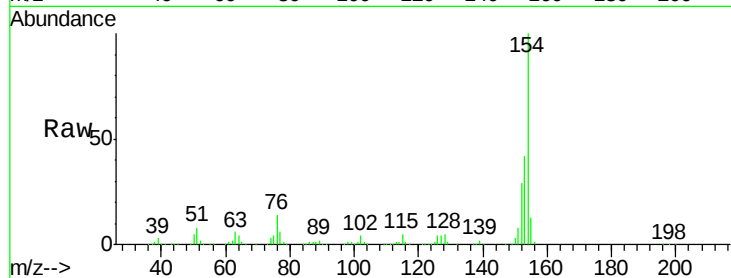




#45  
 1,1'-Biphenyl  
 Concen: 39.186 ng  
 RT: 14.37 min Scan# 1886  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

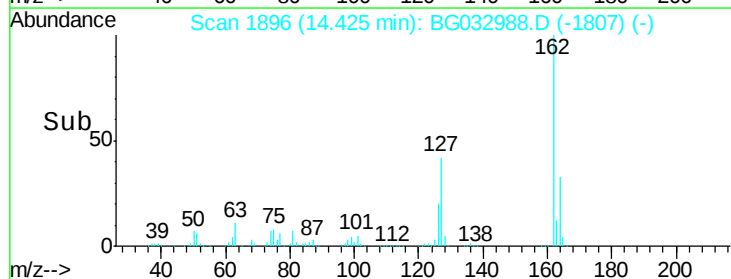
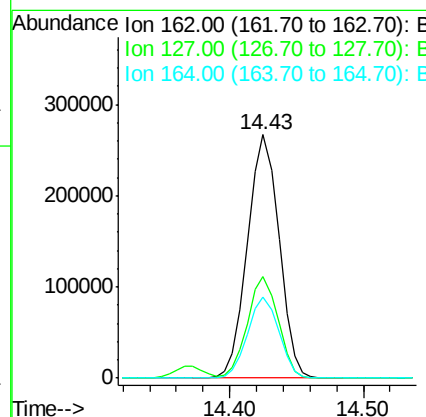
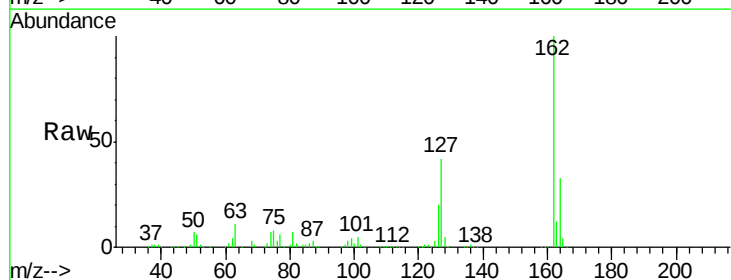
Instrument :  
 BNA\_G  
 ClientSampled :

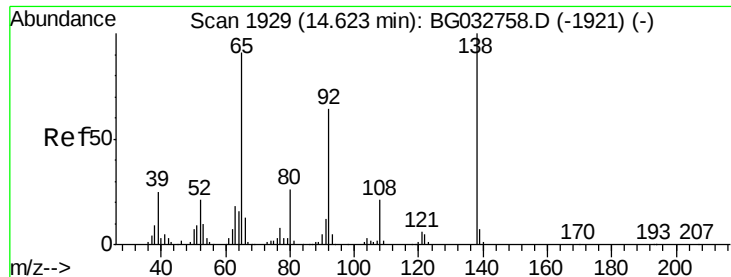
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.7  | 19.8  | 59.8  |
| 76      | 14.4  | 0.0   | 31.9  |



#46  
 2-Chloronaphthalene  
 Concen: 40.090 ng  
 RT: 14.43 min Scan# 1896  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.8  | 30.7  | 46.1  |
| 164     | 33.3  | 26.0  | 39.0  |





#47

2-Nitroaniline

Concen: 56.390 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampled :

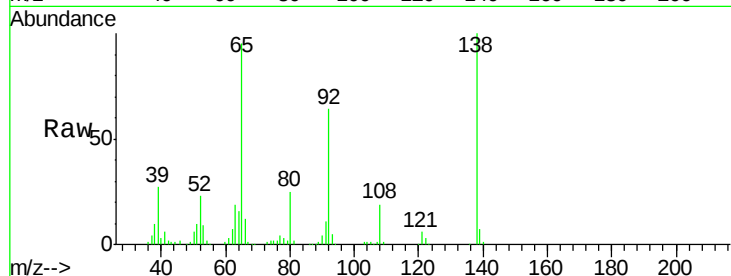
Tot Ion: 65 Resp: 160774

Ion Ratio Lower Upper

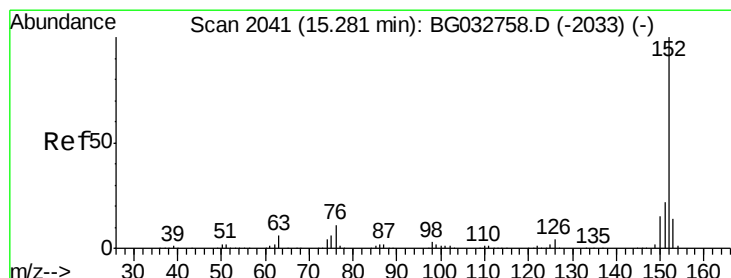
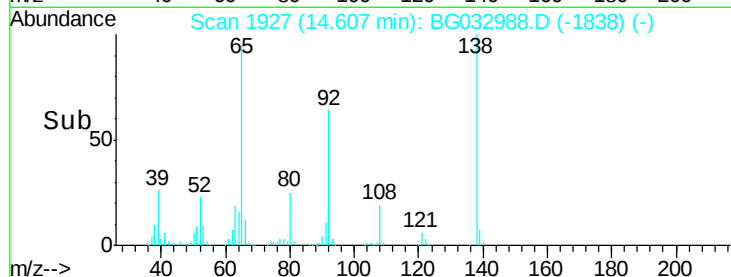
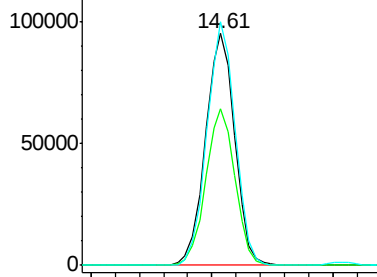
65 100

92 67.7 54.6 82.0

138 105.0 72.9 109.3



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



#48

Acenaphthylene

Concen: 40.324 ng

RT: 15.26 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

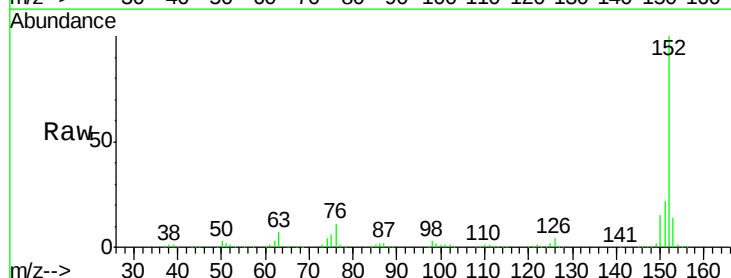
Tgt Ion: 152 Resp: 718796

Ion Ratio Lower Upper

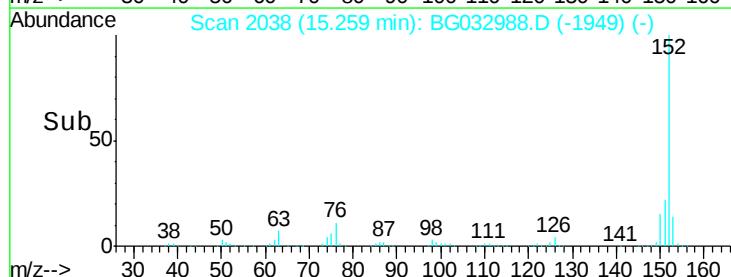
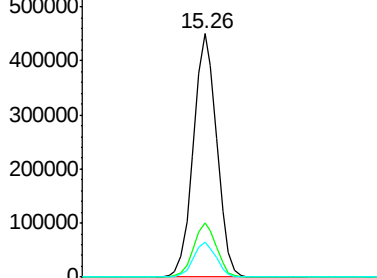
152 100

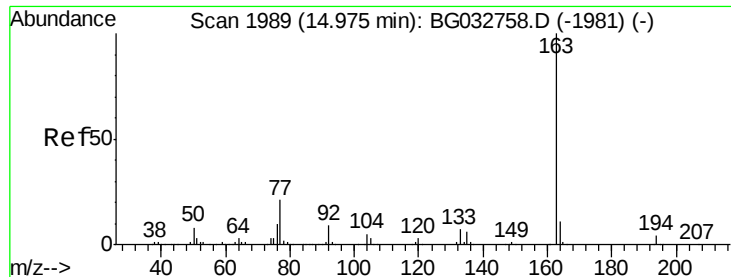
151 22.4 17.2 25.8

153 14.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 41.018 ng

RT: 14.95 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampled :

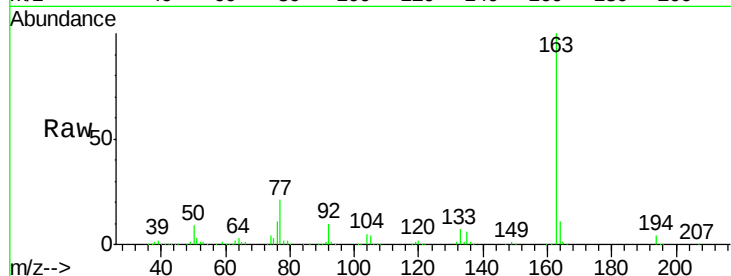
Tot Ion:163 Resp: 580921

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

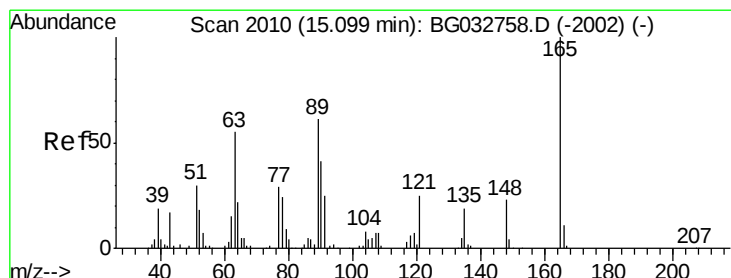
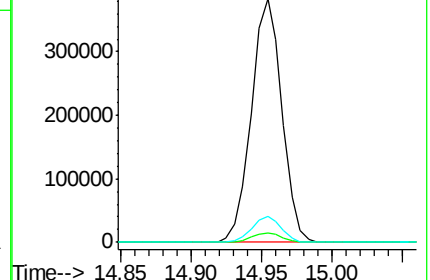
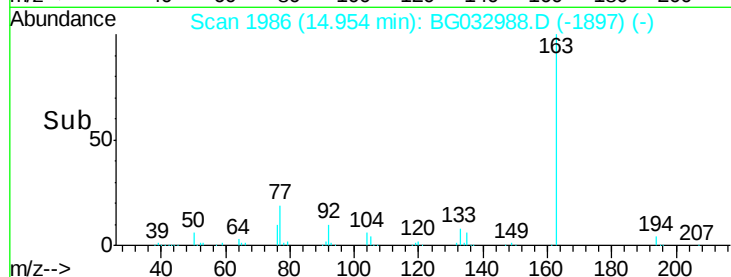
164 10.7 8.2 12.4



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: 54.247 ng

RT: 15.08 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

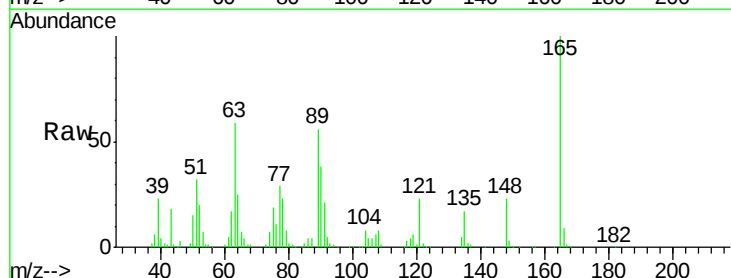
Tgt Ion:165 Resp: 130495

Ion Ratio Lower Upper

165 100

63 59.0 52.7 79.1

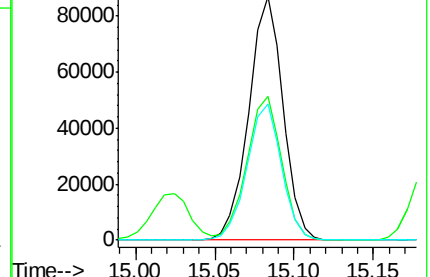
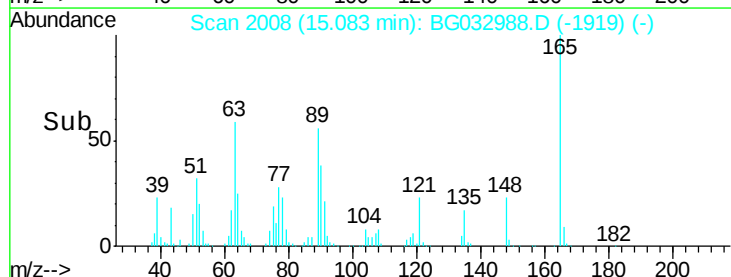
89 55.9 49.2 73.8

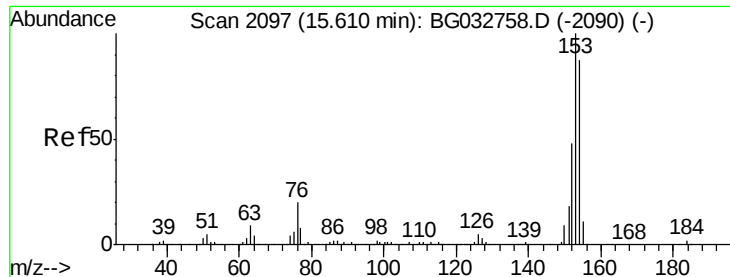


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 43.835 ng

RT: 15.59 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

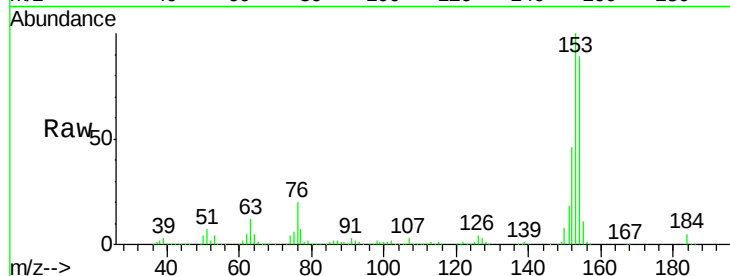
Tot Ion:154 Resp: 486640

Ion Ratio Lower Upper

154 100

153 112.1 90.4 135.6

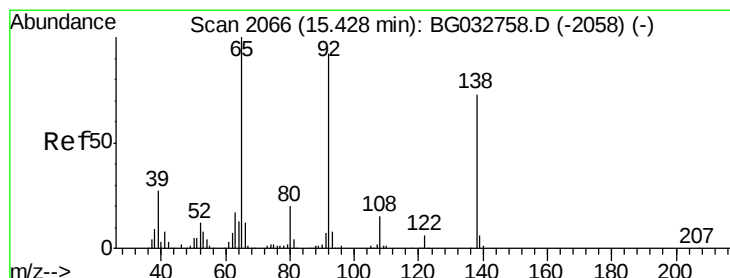
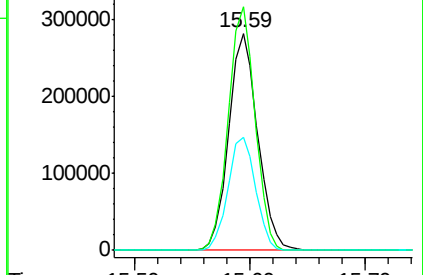
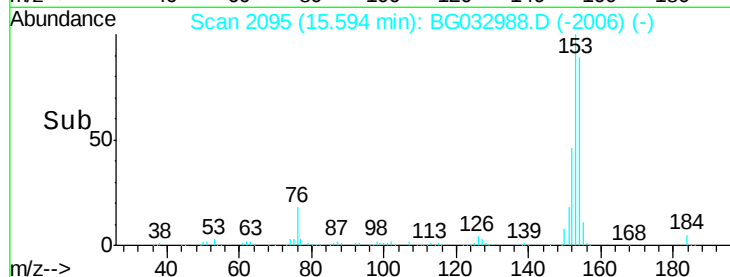
152 52.0 41.6 62.4



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: 30.309 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

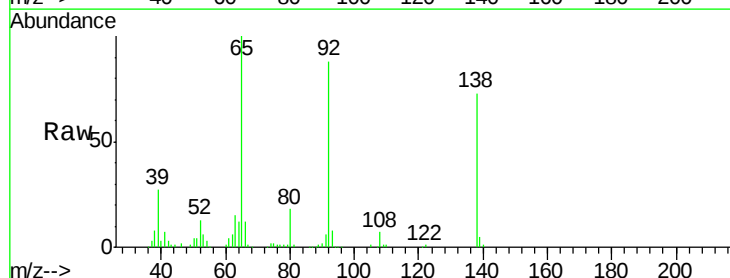
Tgt Ion:138 Resp: 78328

Ion Ratio Lower Upper

138 100

108 9.9 17.5 26.3#

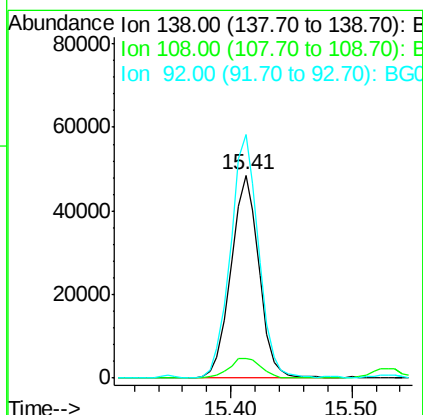
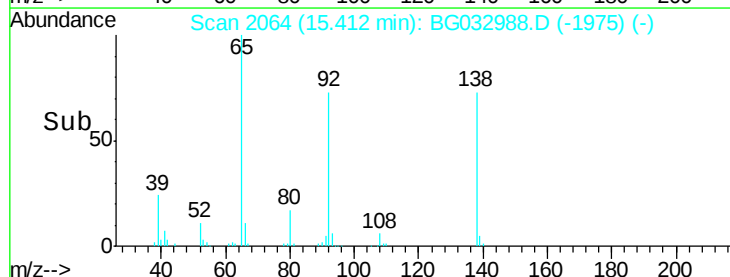
92 119.8 105.8 158.8

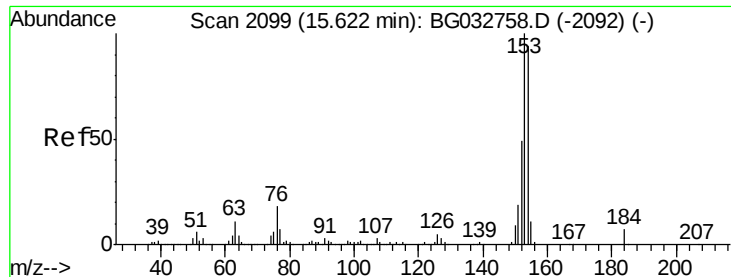


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

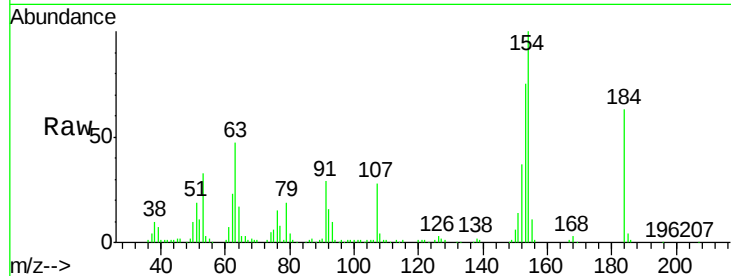




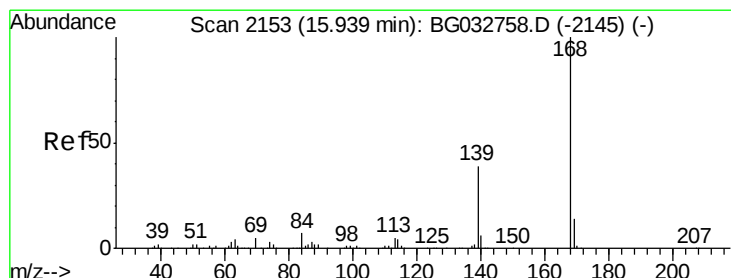
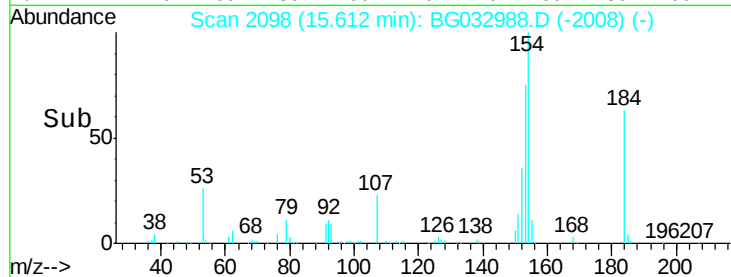
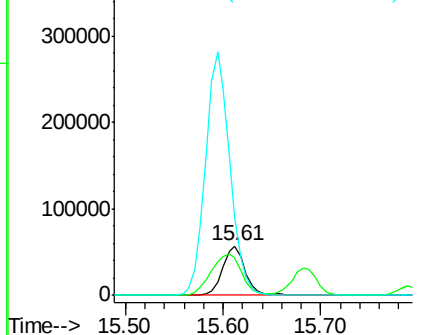
#53  
2,4-Dinitrophenol  
Concen: 109.332 ng  
RT: 15.61 min Scan# 2098  
Delta R.T. 0.00 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:184 Resp: 92285  
Ion Ratio Lower Upper  
184 100  
63 74.5 59.8 89.8  
154 158.8 101.8 152.8#

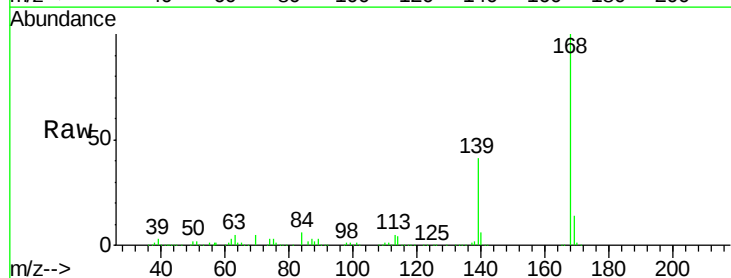


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

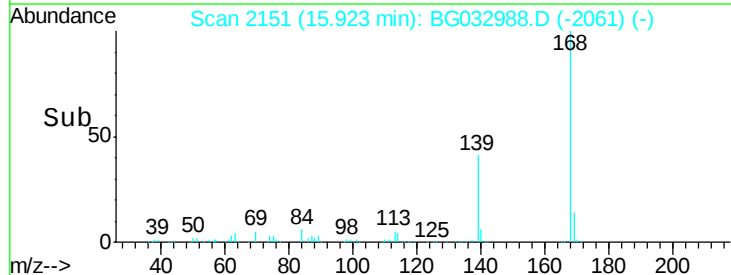
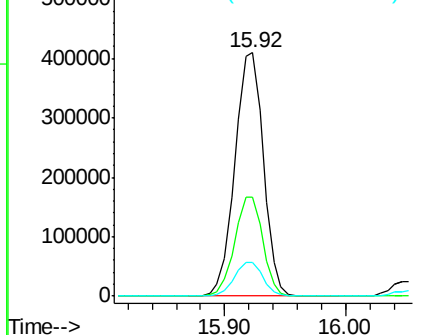


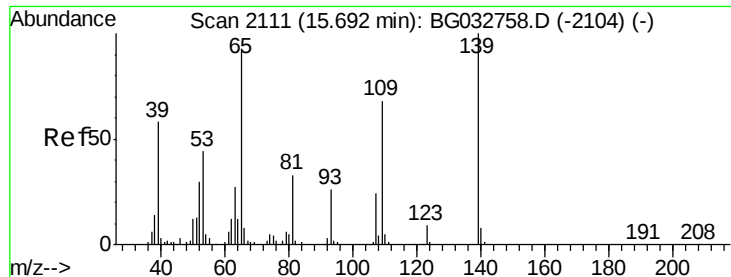
#54  
Dibenzofuran  
Concen: 42.712 ng  
RT: 15.92 min Scan# 2151  
Delta R.T. 0.00 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Tgt Ion:168 Resp: 675157  
Ion Ratio Lower Upper  
168 100  
139 40.9 28.6 43.0  
169 13.9 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

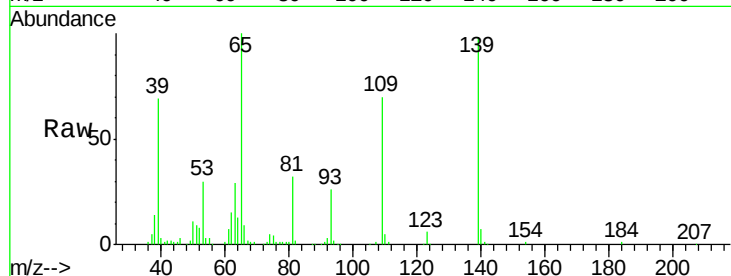




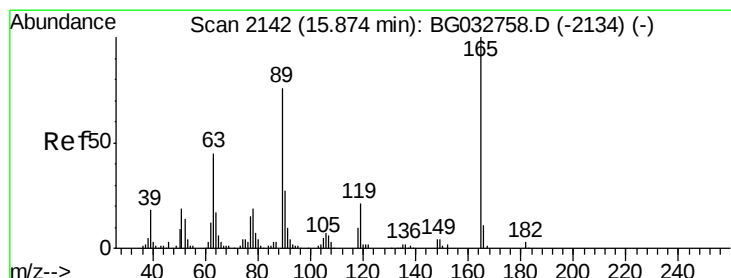
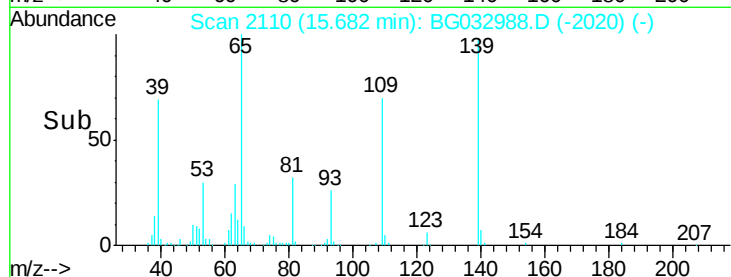
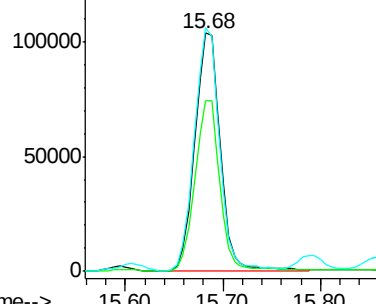
#55  
4-Nitrophenol  
Concen: 81.230 ng  
RT: 15.68 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 71.7  | 62.2  | 102.2 |
| 65      | 102.3 | 97.2  | 137.2 |



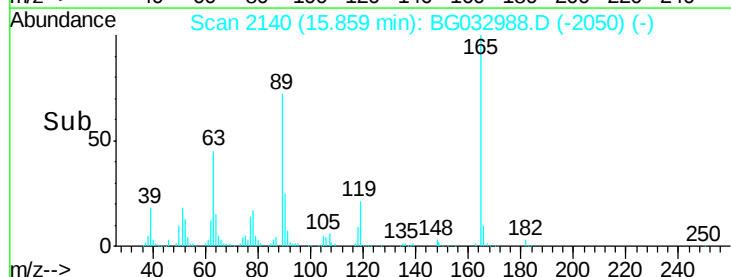
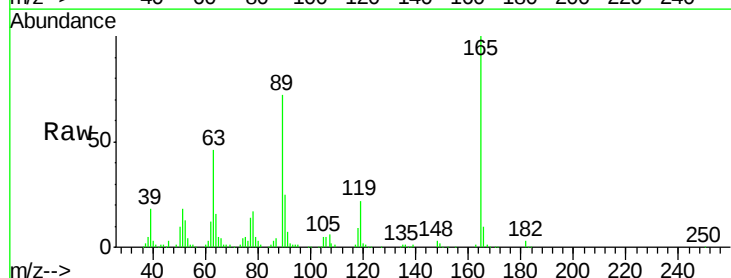
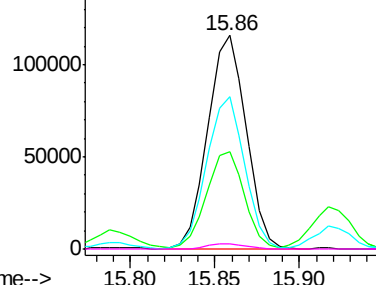
Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BGC

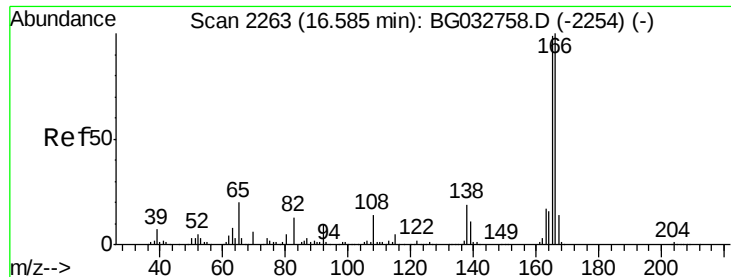


#56  
2,4-Dinitrotoluene  
Concen: 61.648 ng  
RT: 15.86 min Scan# 2140  
Delta R.T. 0.00 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.6  | 42.0  | 63.0  |
| 89      | 71.5  | 66.9  | 100.3 |
| 182     | 2.7   | 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: 41.877 ng

RT: 16.56 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

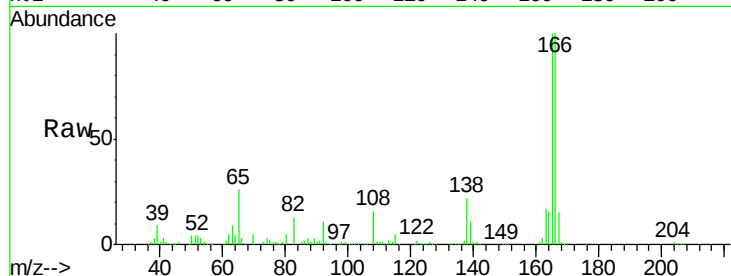
Tot Ion:166 Resp: 546360

Ion Ratio Lower Upper

166 100

165 100.4 80.6 121.0

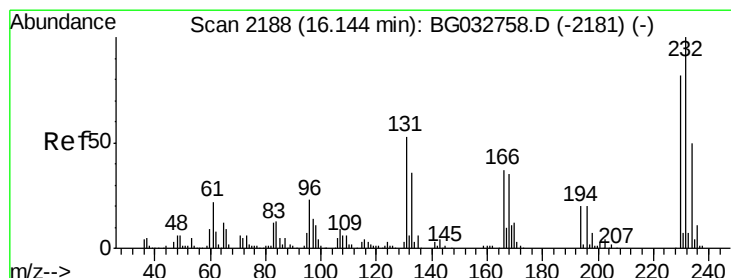
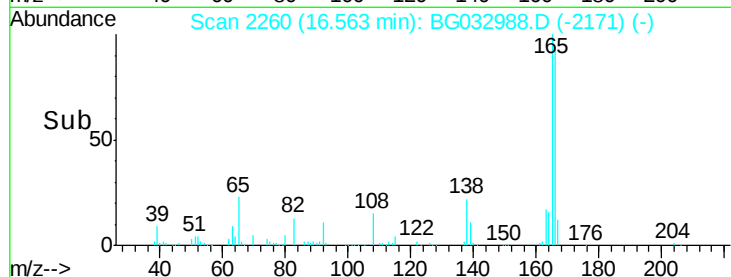
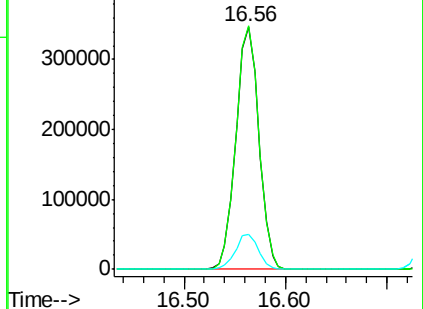
167 14.6 10.4 15.6



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: 48.058 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.09 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Tgt Ion:232 Resp: 134845

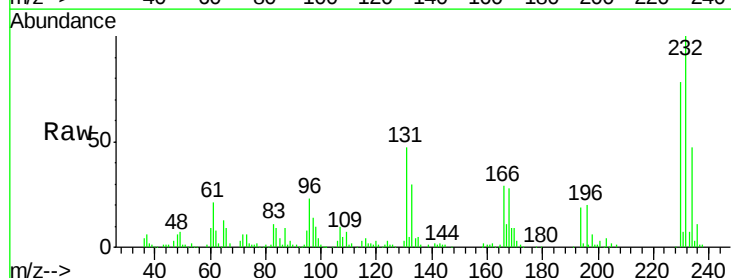
Ion Ratio Lower Upper

232 100

131 46.9 33.5 50.3

130 3.0 2.2 3.2

166 29.4 24.8 37.2

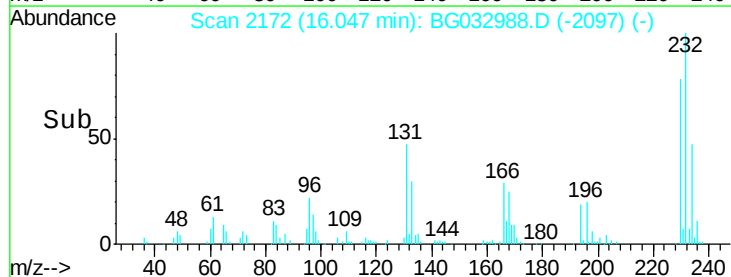
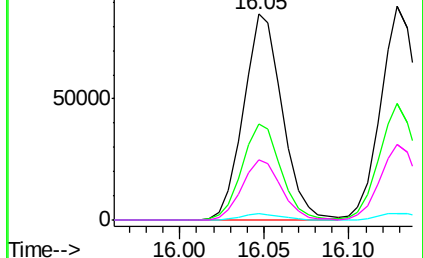


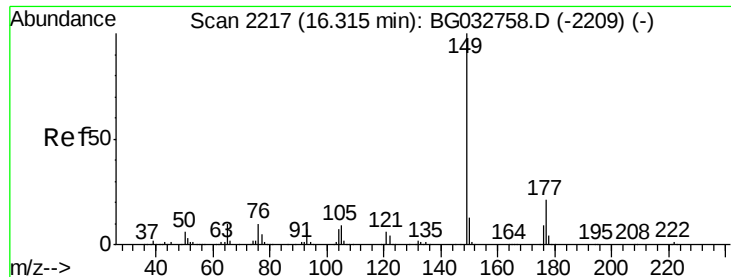
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

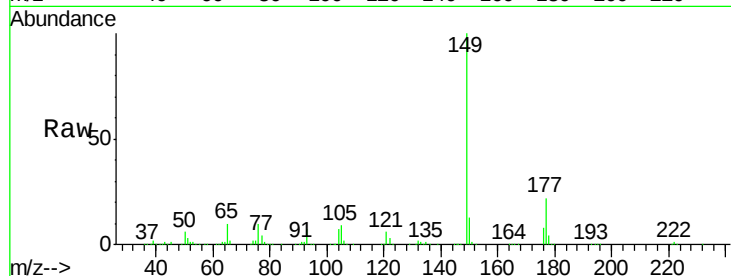




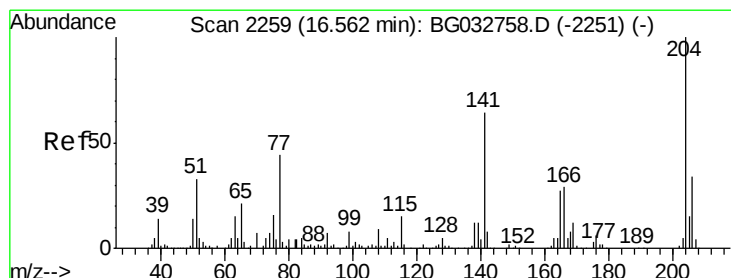
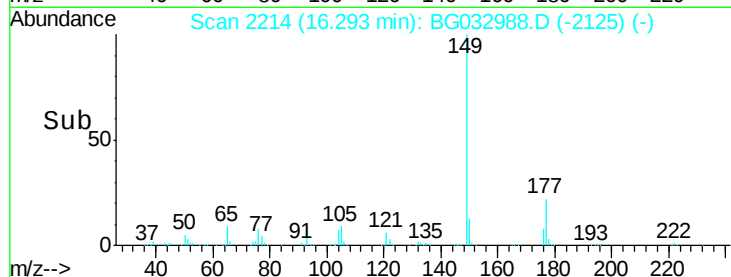
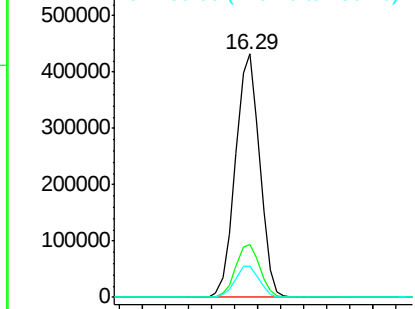
#59  
Diethylphthalate  
Concen: 41.758 ng  
RT: 16.29 min Scan# 2214  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:149 Resp: 623774  
Ion Ratio Lower Upper  
149 100  
177 21.7 18.5 27.7  
150 12.8 10.2 15.2

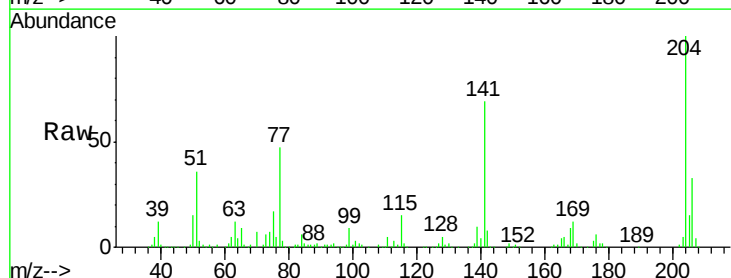


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

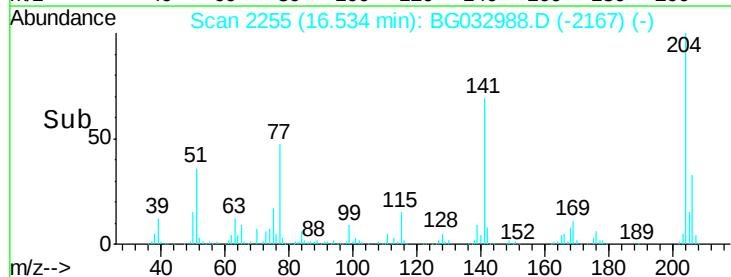
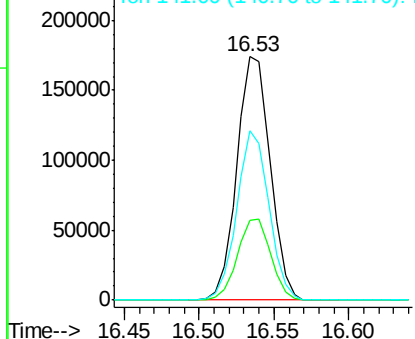


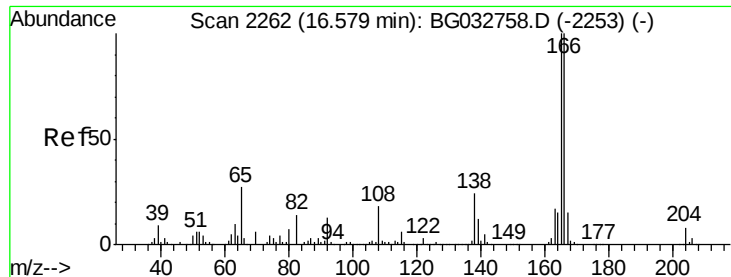
#60  
4-Chlorophenyl-phenylether  
Concen: 42.341 ng  
RT: 16.53 min Scan# 2255  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Tgt Ion:204 Resp: 270233  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.2 39.2  
141 69.4 45.8 68.6#



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

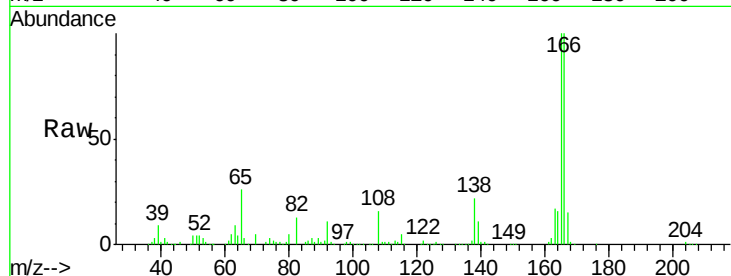




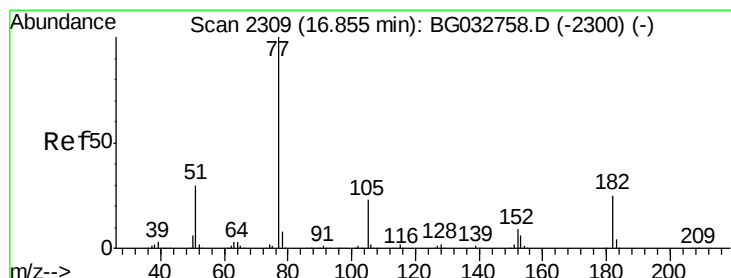
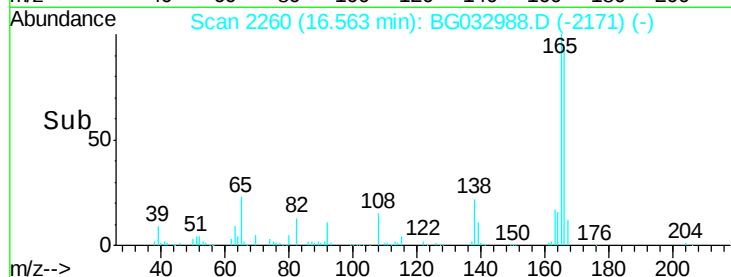
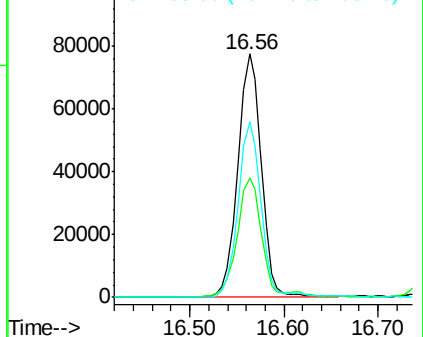
#61  
4-Nitroaniline  
Concen: 44.555 ng  
RT: 16.56 min Scan# 2260  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:138 Resp: 135293  
Ion Ratio Lower Upper  
138 100  
92 49.1 40.1 80.1  
108 72.1 65.4 105.4

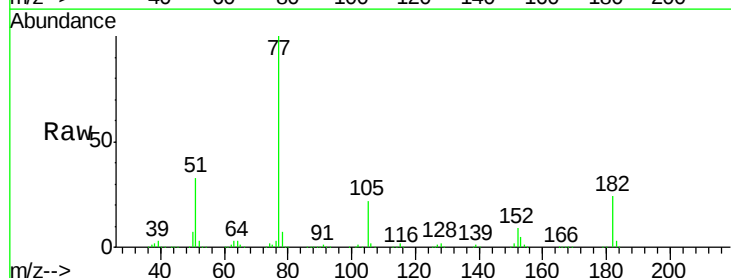


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 108.00 (107.70 to 108.70): E

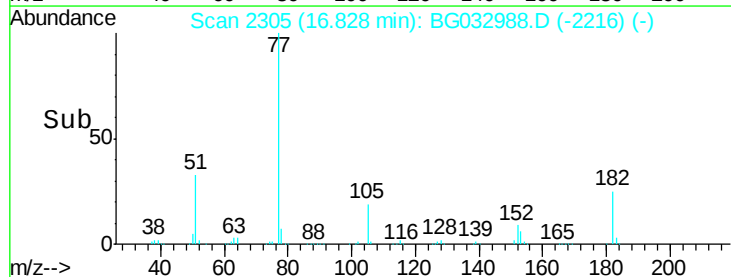
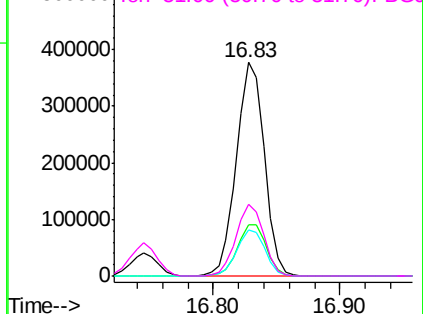


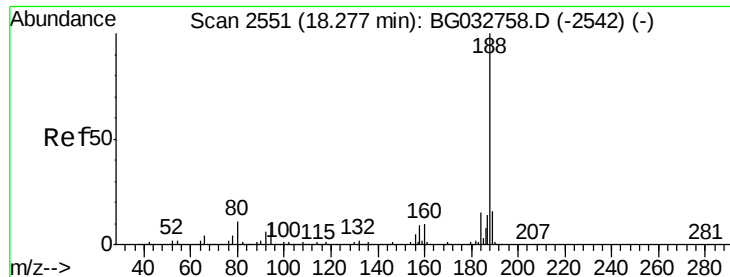
#62  
Azobenzene  
Concen: 43.022 ng  
RT: 16.83 min Scan# 2305  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Tgt Ion: 77 Resp: 574923  
Ion Ratio Lower Upper  
77 100  
182 24.1 7.4 47.4  
105 21.5 0.3 40.3  
51 33.4 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BGC

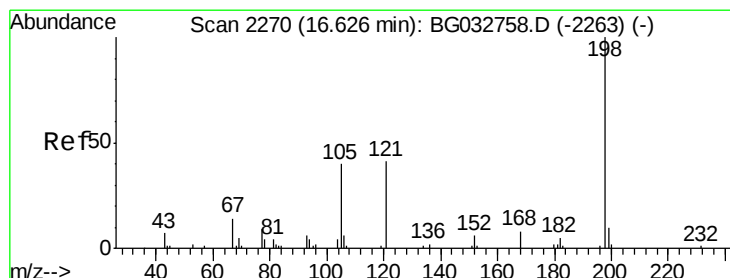
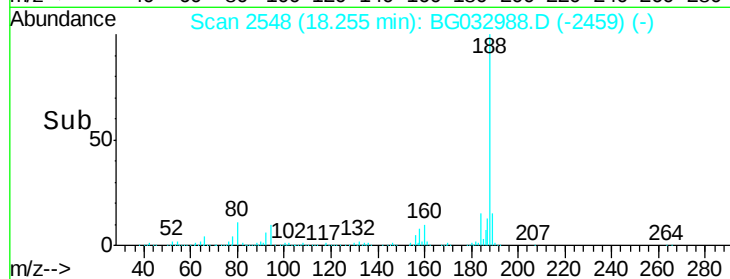
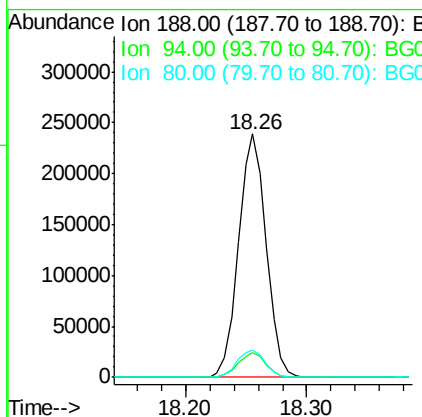
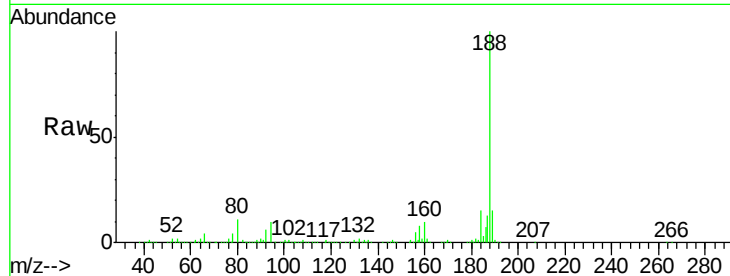




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.26 min Scan# 2548  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

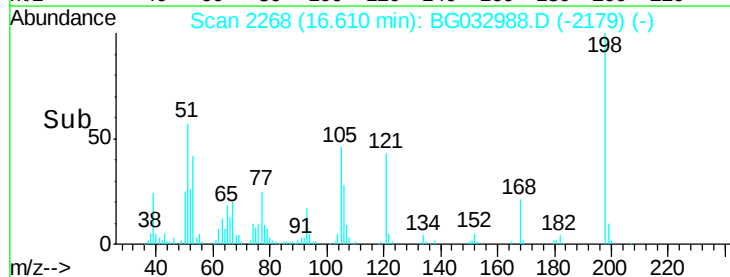
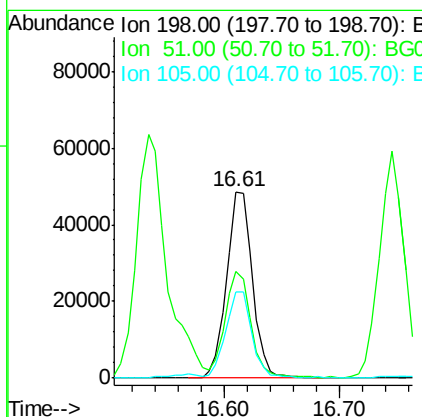
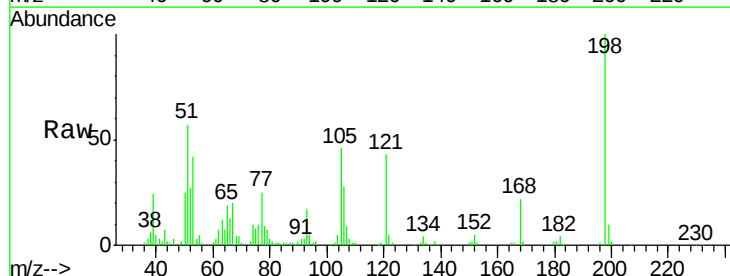
Instrument :  
BNA\_G  
ClientSampleId :

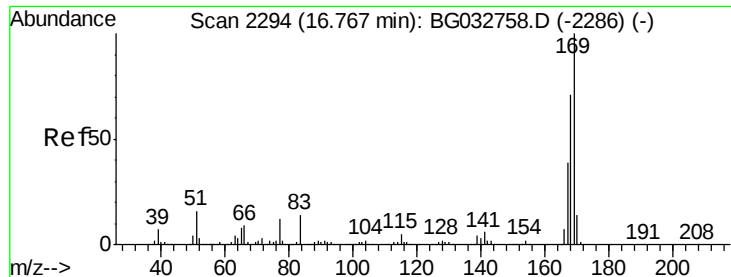
Tot Ion:188 Resp: 378164  
Ion Ratio Lower Upper  
188 100  
94 10.3 6.9 10.3#  
80 11.5 7.7 11.5



#64  
4,6-Dinitro-2-methylphenol  
Concen: 61.626 ng  
RT: 16.61 min Scan# 2268  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Tgt Ion:198 Resp: 75666  
Ion Ratio Lower Upper  
198 100  
51 57.3 30.6 70.6  
105 46.4 23.8 63.8

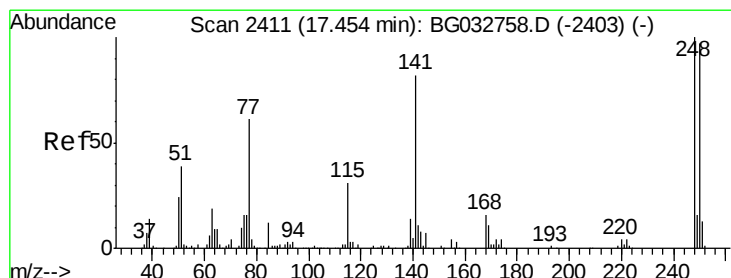
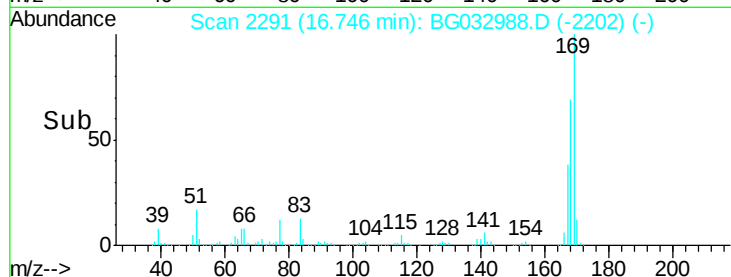
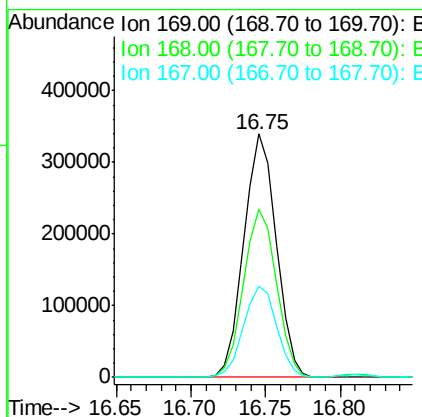
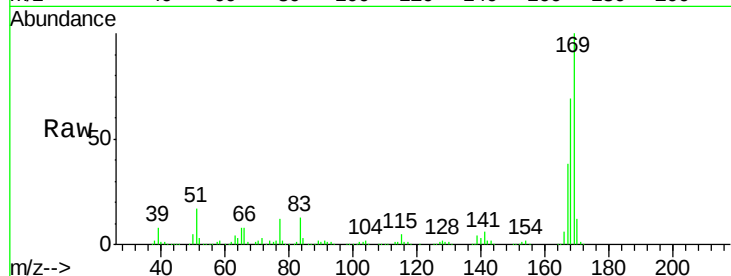




#65  
 n-Nitrosodiphenylamine  
 Concen: 41.437 ng  
 RT: 16.75 min Scan# 2291  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

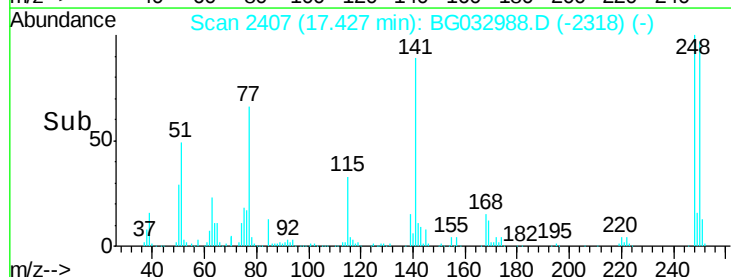
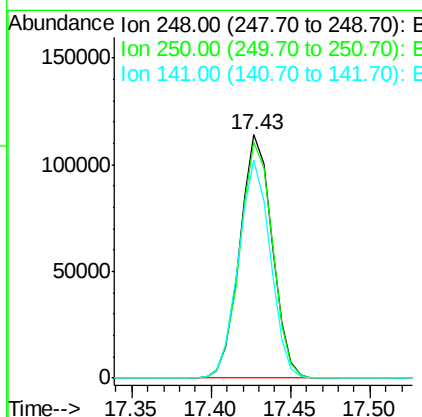
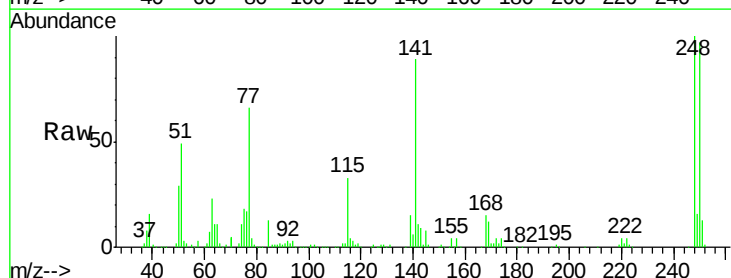
Instrument :  
 BNA\_G  
 ClientSampleId :

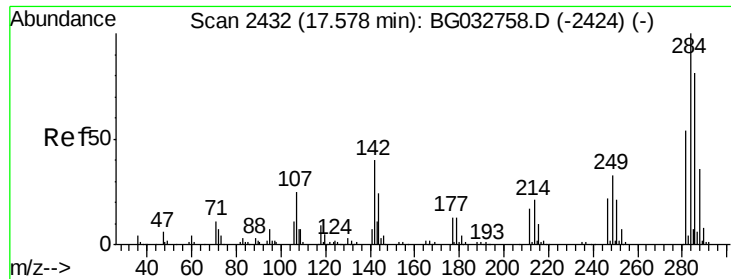
Tot Ion:169 Resp: 509762  
 Ion Ratio Lower Upper  
 169 100  
 168 69.2 55.7 83.5  
 167 37.6 30.1 45.1



#66  
 4-Bromophenyl-phenylether  
 Concen: 40.467 ng  
 RT: 17.43 min Scan# 2407  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

Tgt Ion:248 Resp: 161814  
 Ion Ratio Lower Upper  
 248 100  
 250 97.1 77.1 115.7  
 141 89.4 50.8 76.2#





#67

Hexachlorobenzene

Concen: 38.834 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

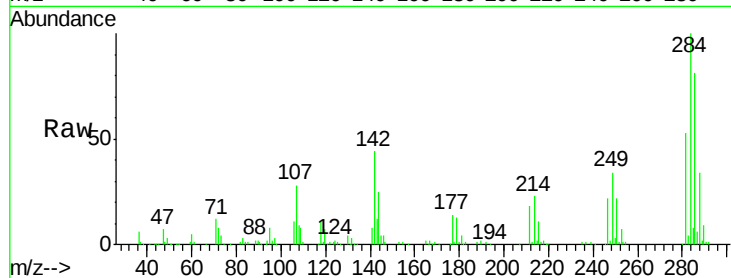
Tot Ion:284 Resp: 167808

Ion Ratio Lower Upper

284 100

142 44.3 26.8 40.2#

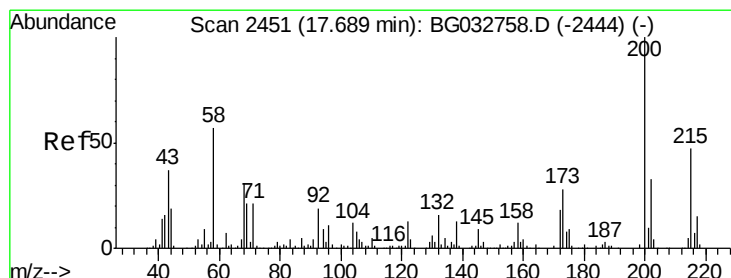
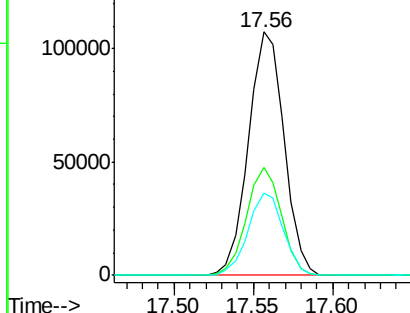
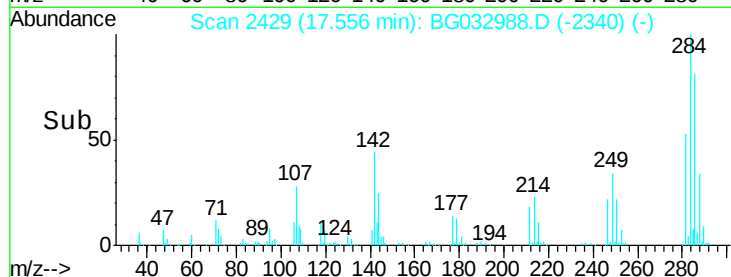
249 34.0 26.3 39.5



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: 42.792 ng

RT: 17.67 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

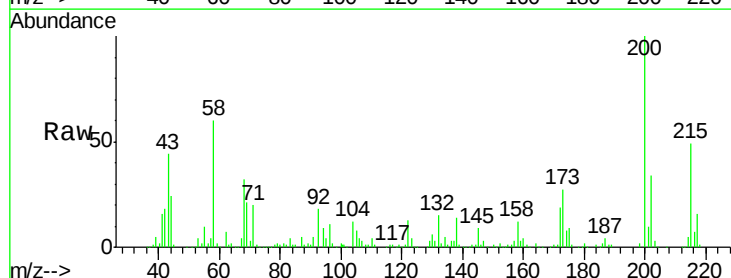
Tgt Ion:200 Resp: 173284

Ion Ratio Lower Upper

200 100

173 27.2 5.2 45.2

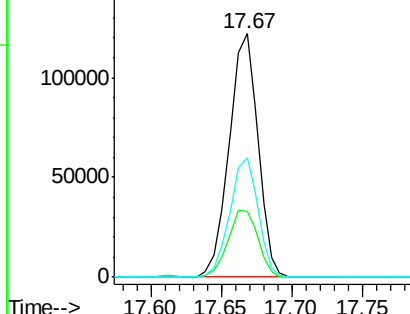
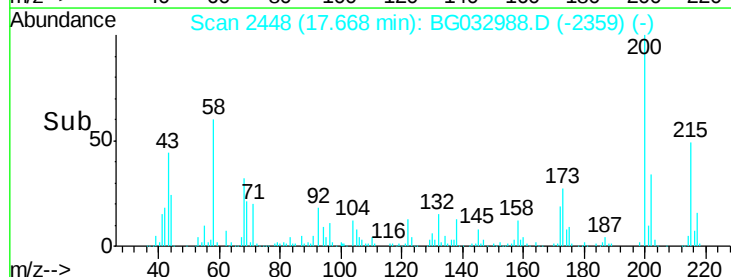
215 48.8 30.4 70.4

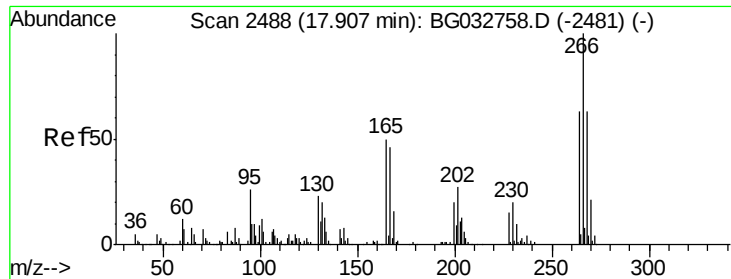


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

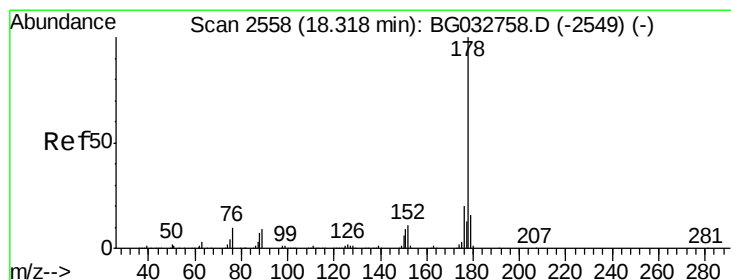
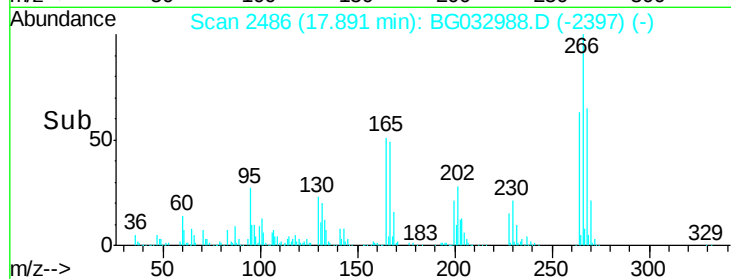
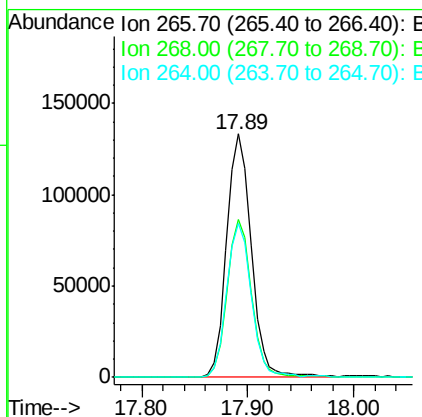
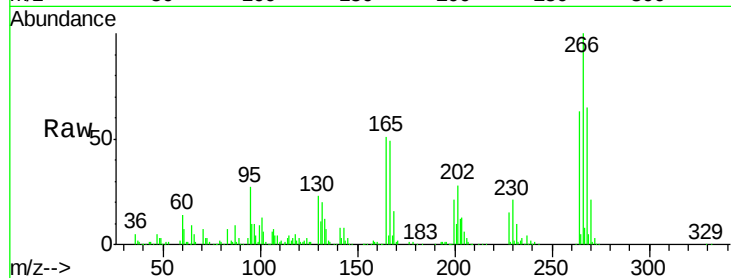




#69  
 Pentachlorophenol  
 Concen: 79.132 ng  
 RT: 17.89 min Scan# 2486  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

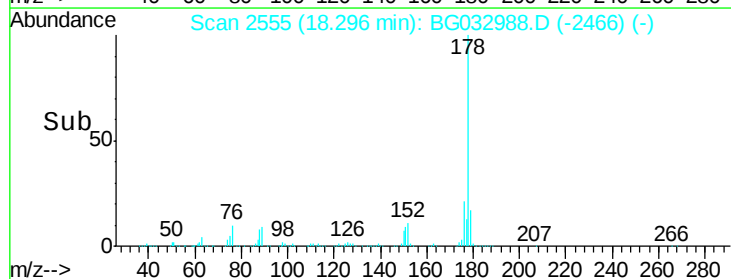
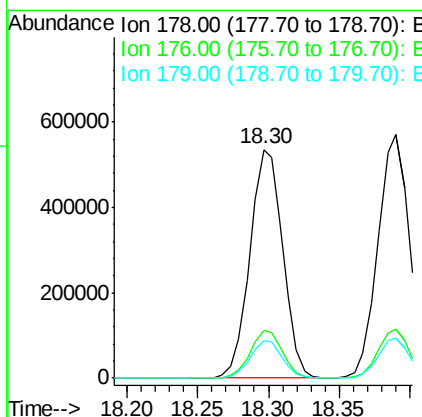
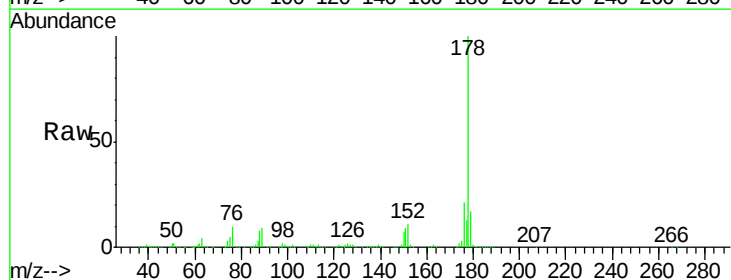
Instrument :  
 BNA\_G  
 ClientSampleId :

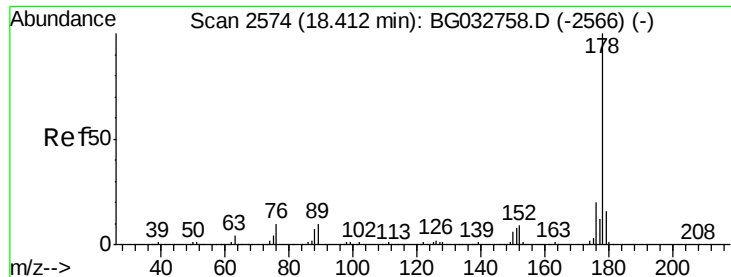
Tot Ion:266 Resp: 215386  
 Ion Ratio Lower Upper  
 266 100  
 268 65.0 51.1 76.7  
 264 63.1 49.6 74.4



#70  
 Phenanthrene  
 Concen: 41.545 ng  
 RT: 18.30 min Scan# 2555  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

Tgt Ion:178 Resp: 876506  
 Ion Ratio Lower Upper  
 178 100  
 176 21.0 15.7 23.5  
 179 16.6 12.5 18.7

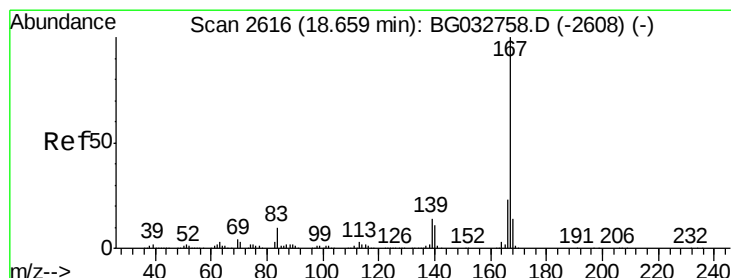
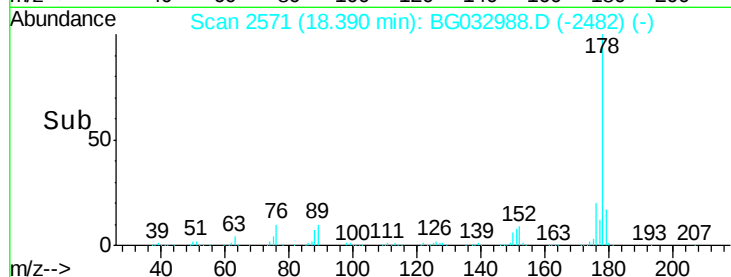
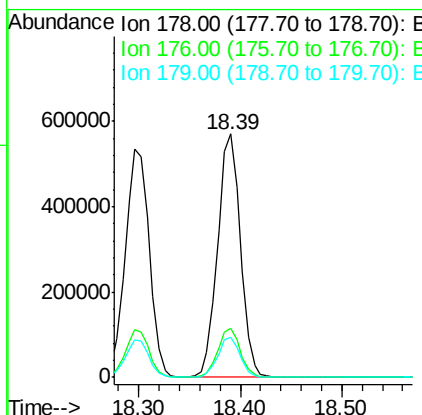
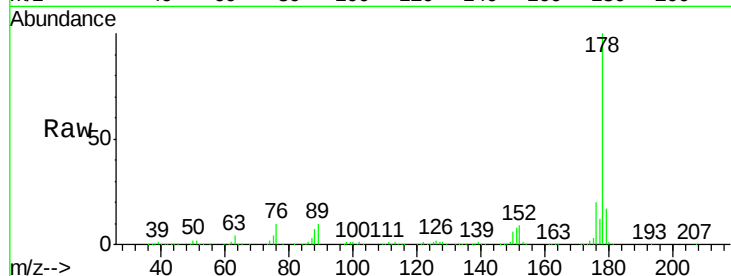




#71  
 Anthracene  
 Concen: 41.992 ng  
 RT: 18.39 min Scan# 2571  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

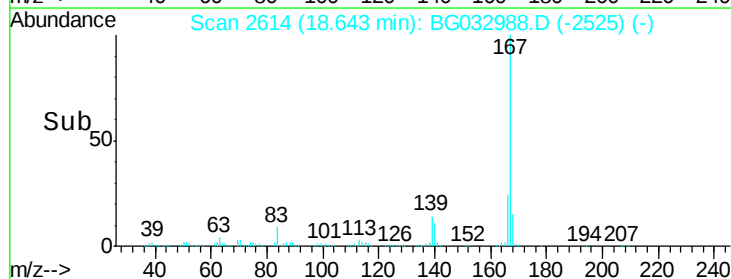
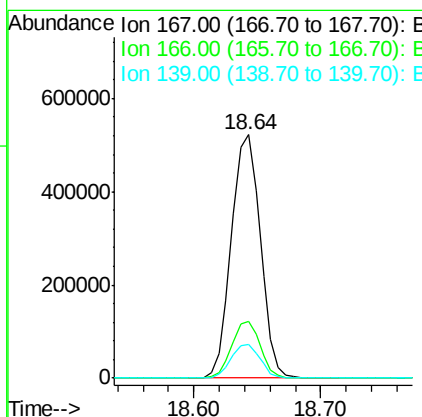
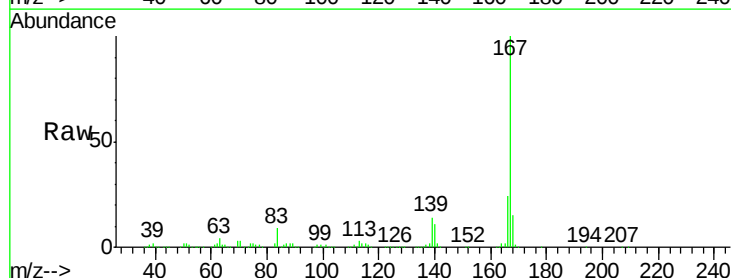
Instrument :  
 BNA\_G  
 ClientSampleId :

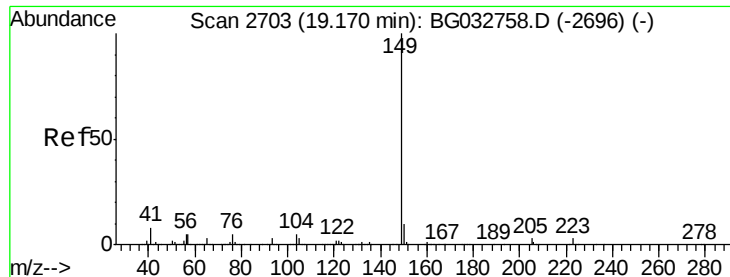
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.2  | 16.0  | 24.0  |
| 179     | 16.6  | 12.5  | 18.7  |



#72  
 Carbazole  
 Concen: 39.616 ng  
 RT: 18.64 min Scan# 2614  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.5  | 18.2  | 27.4  |
| 139     | 14.0  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 41.172 ng

RT: 19.14 min Scan# 2699

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampled :

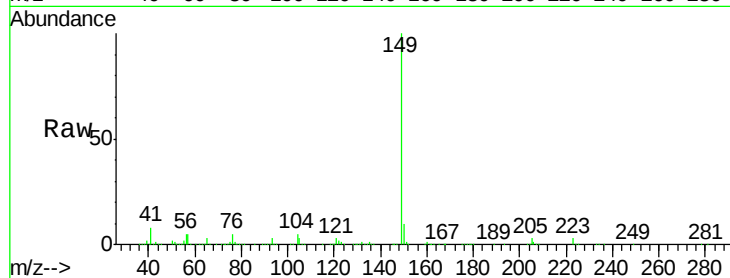
Tot Ion:149 Resp: 1054520

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

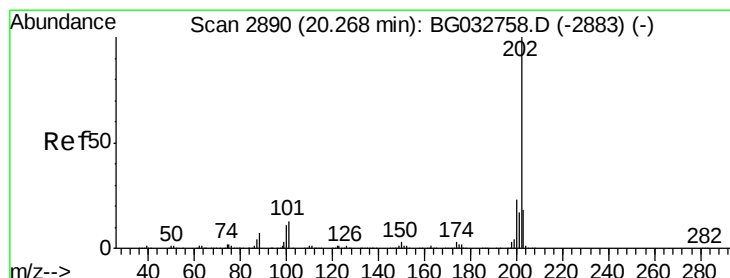
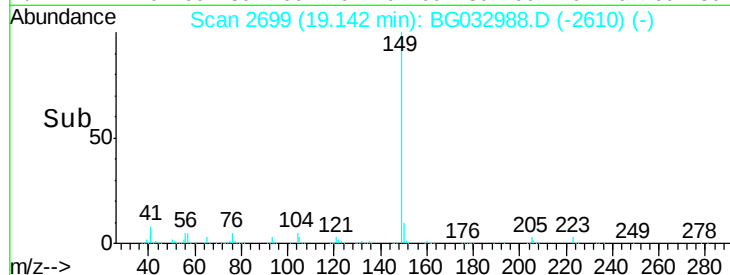
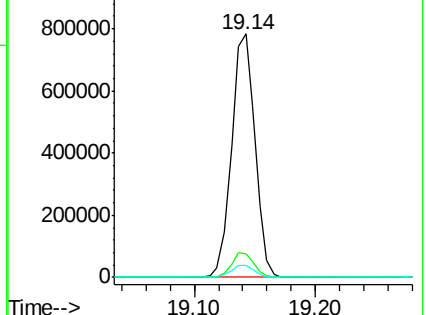
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.441 ng

RT: 20.25 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

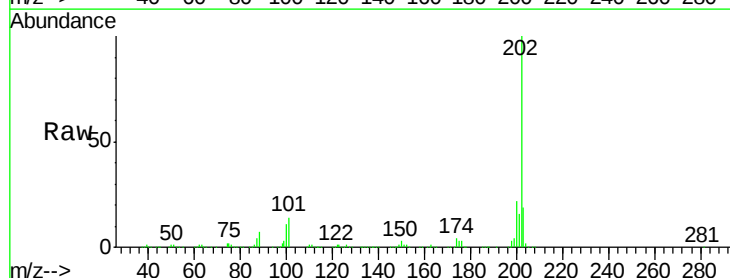
Tgt Ion:202 Resp: 965798

Ion Ratio Lower Upper

202 100

101 14.1 0.0 28.9

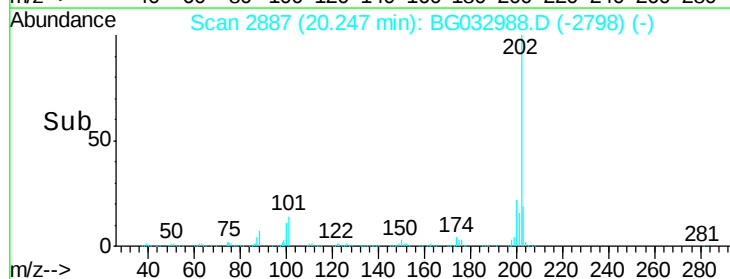
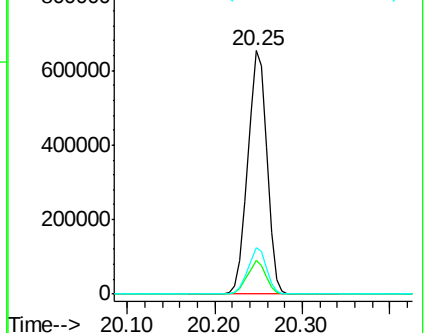
203 18.9 0.0 37.5

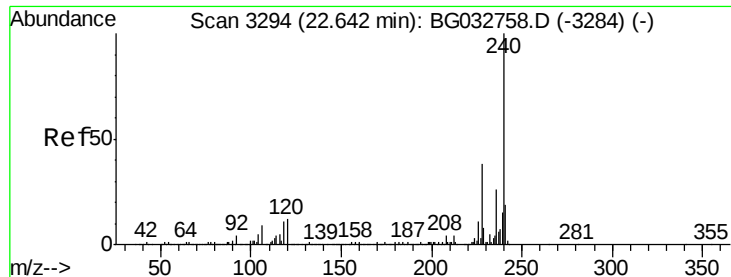


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3290

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

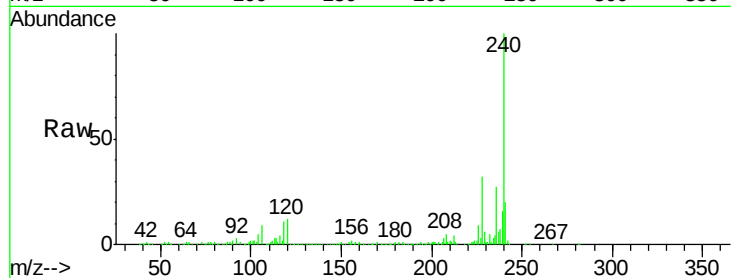
Tot Ion:240 Resp: 342726

Ion Ratio Lower Upper

240 100

120 11.8 6.8 10.2#

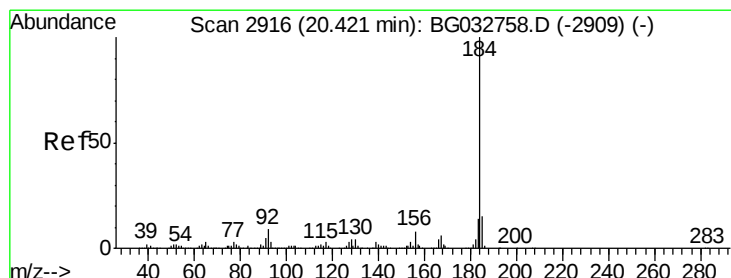
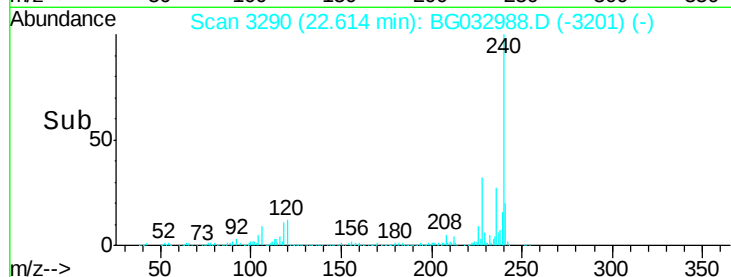
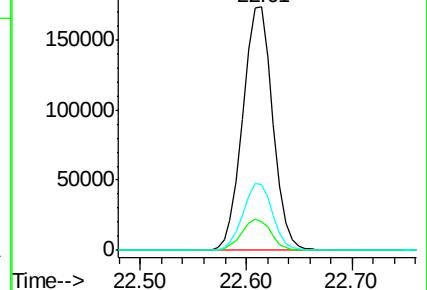
236 26.8 20.9 31.3



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: 8.057 ng

RT: 20.40 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

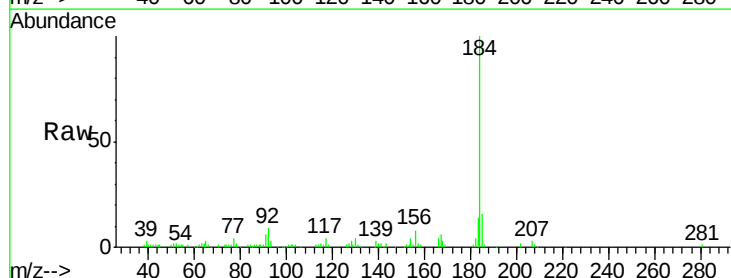
Tgt Ion:184 Resp: 94127

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

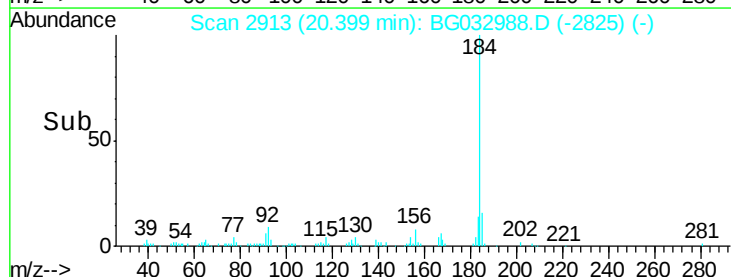
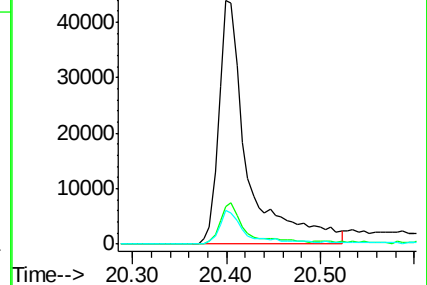
183 13.8 10.6 16.0

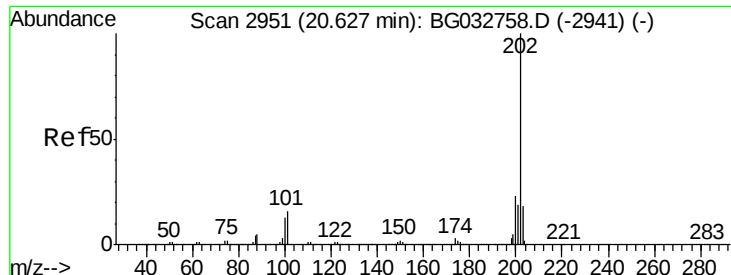


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.197 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

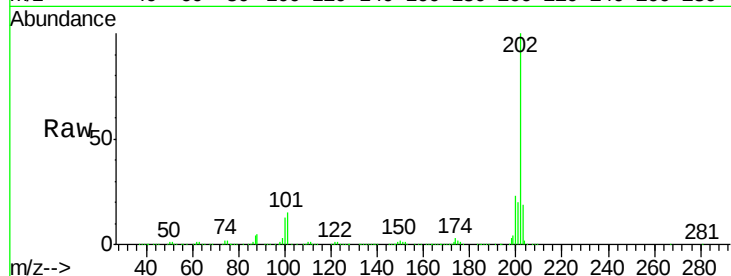
Tot Ion:202 Resp: 971522

Ion Ratio Lower Upper

202 100

200 22.5 16.9 25.3

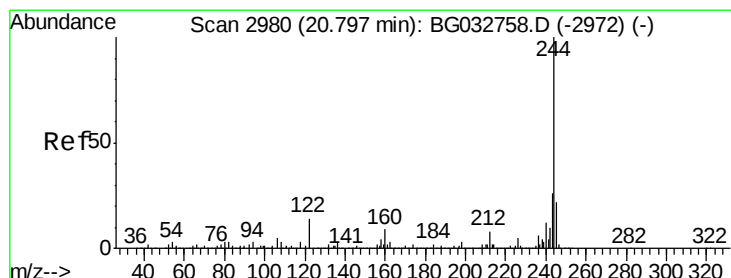
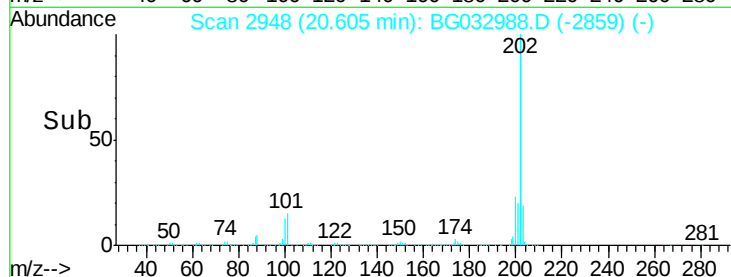
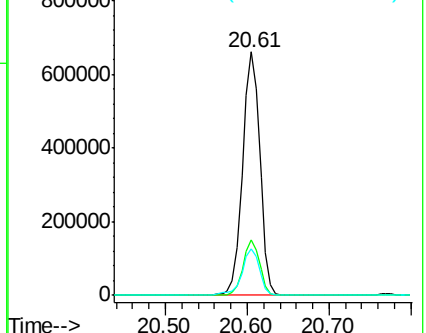
203 19.1 13.9 20.9



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: 85.143 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

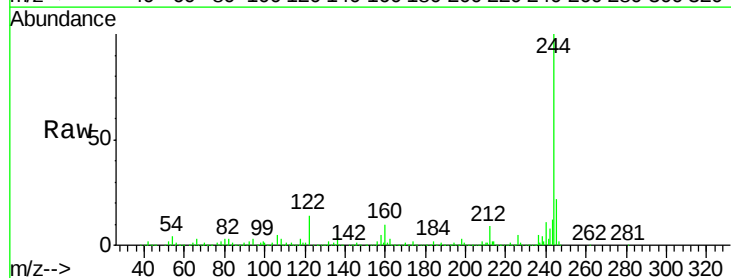
Tgt Ion:244 Resp: 1298811

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

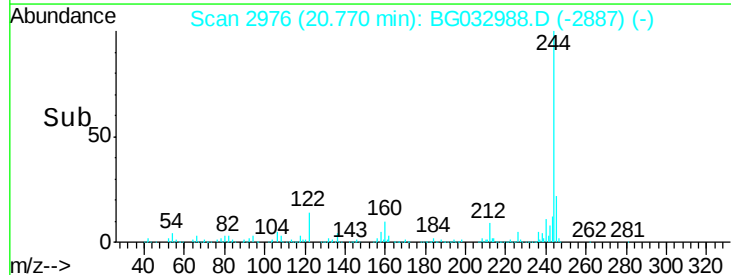
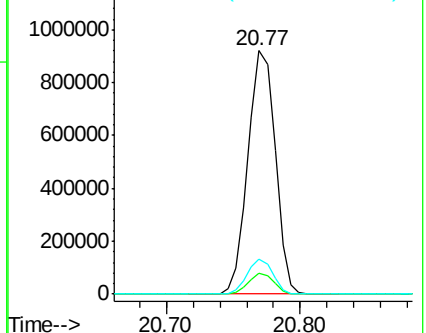
122 14.4 7.0 10.4#

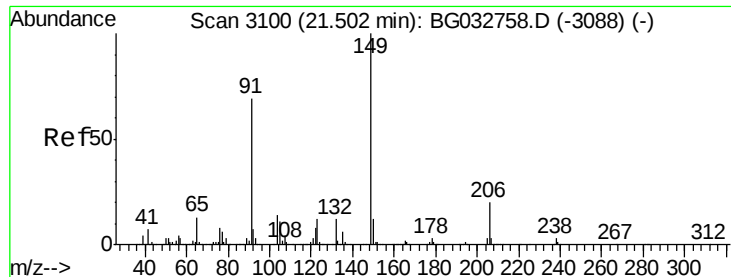


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

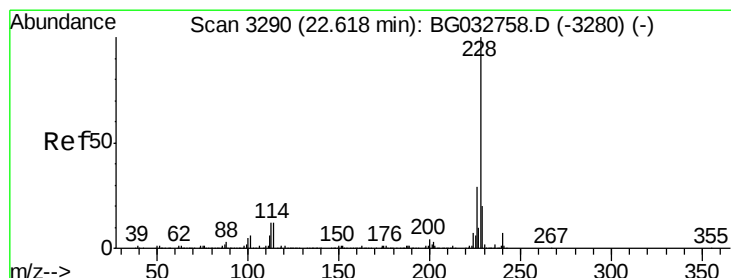
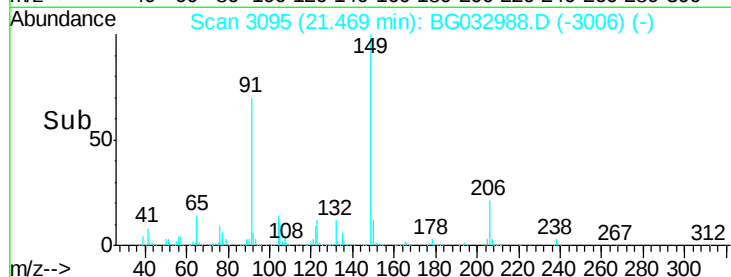
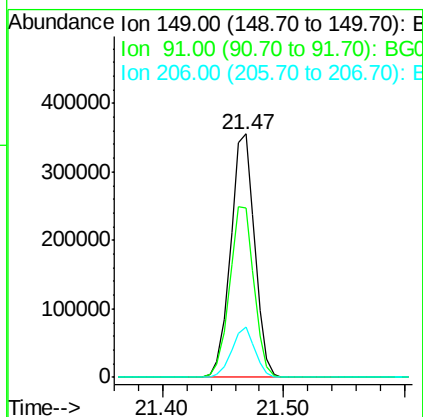
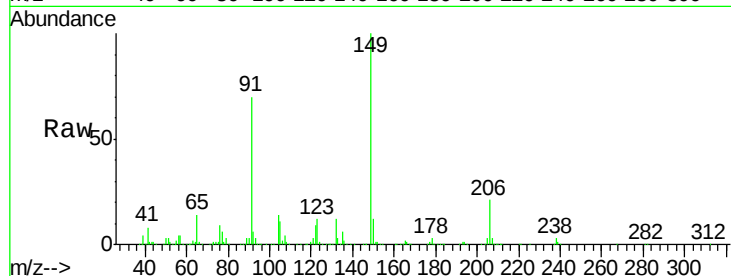




#79  
Butylbenzylphthalate  
Concen: 45.983 ng  
RT: 21.47 min Scan# 3095  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

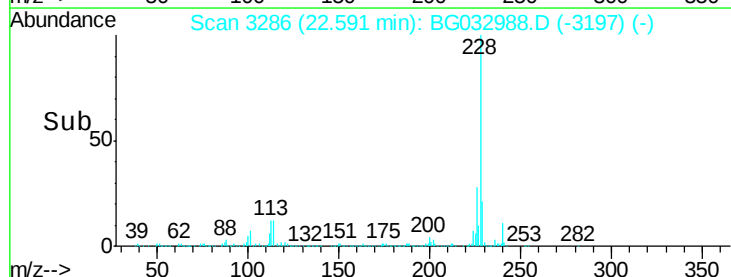
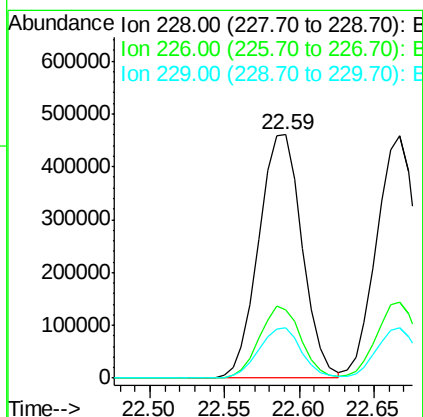
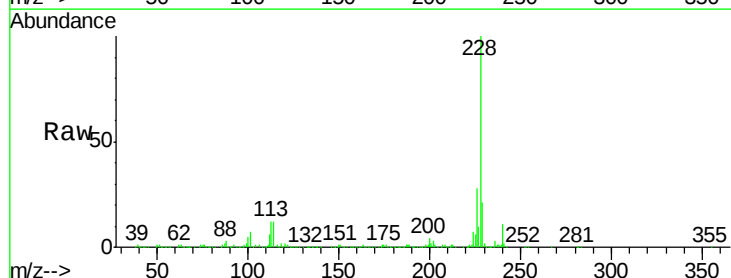
Instrument :  
BNA\_G  
ClientSampleId :

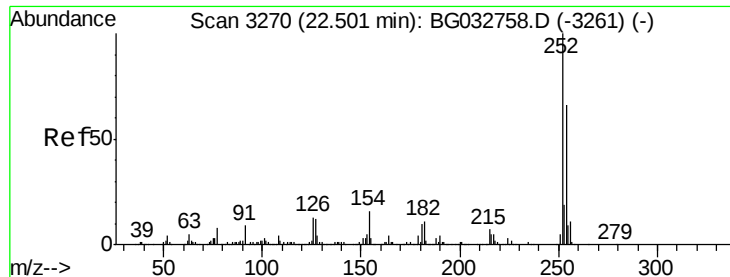
Tot Ion:149 Resp: 492744  
Ion Ratio Lower Upper  
149 100  
91 69.6 62.2 93.2  
206 20.6 18.6 27.8



#80  
Benzo(a)anthracene  
Concen: 42.306 ng  
RT: 22.59 min Scan# 3286  
Delta R.T. -0.01 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Tgt Ion:228 Resp: 929770  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.7 34.1  
229 20.6 16.2 24.2

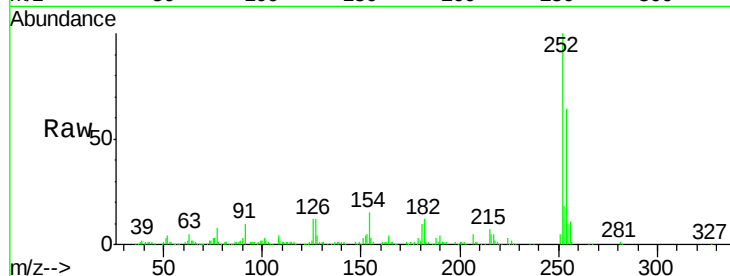




#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.290 ng  
 RT: 22.47 min Scan# 3266  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.0  | 50.8  | 76.2  |
| 126     | 12.0  | 7.4   | 11.2  |

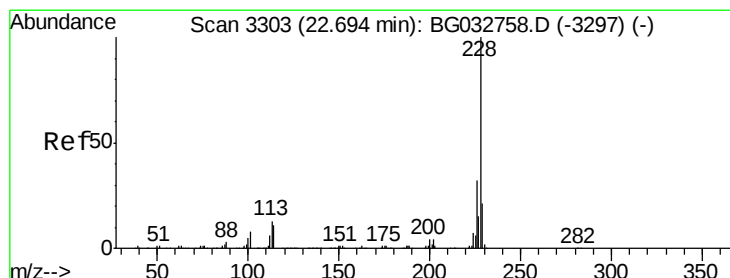
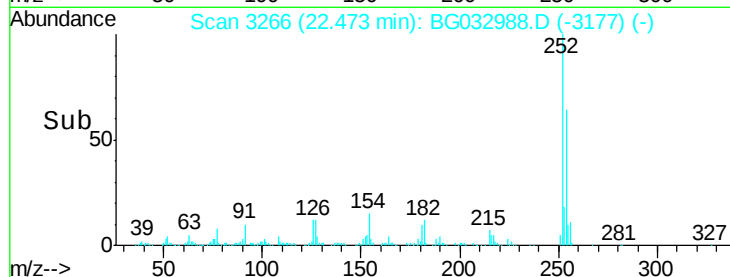
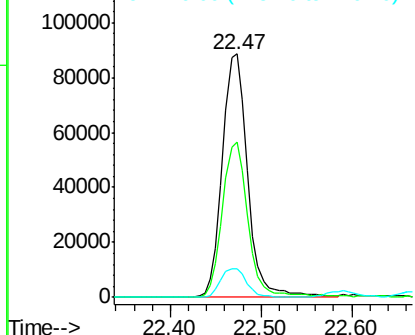


Abundance

Ion 252.00 (251.70 to 252.70): E

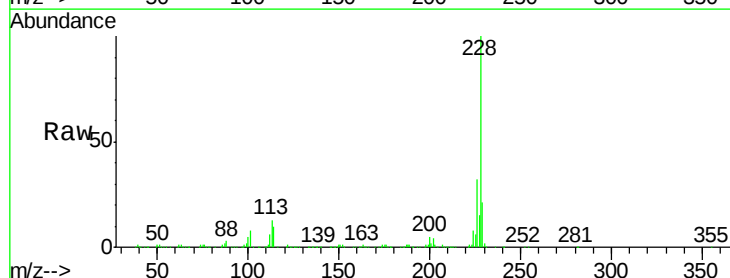
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82  
 Chrysene  
 Concen: 41.433 ng  
 RT: 22.67 min Scan# 3299  
 Delta R.T. -0.01 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 24.9  | 37.3  |
| 229     | 20.7  | 15.0  | 22.4  |

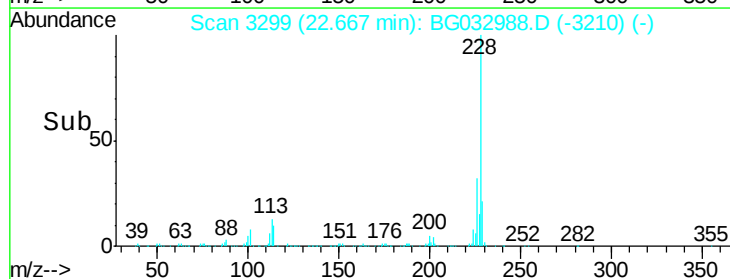
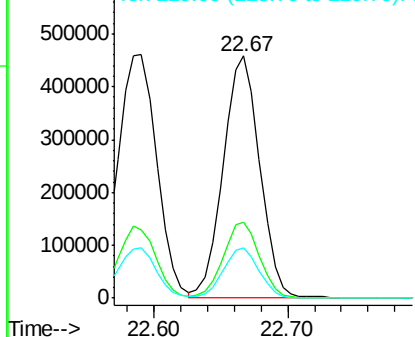


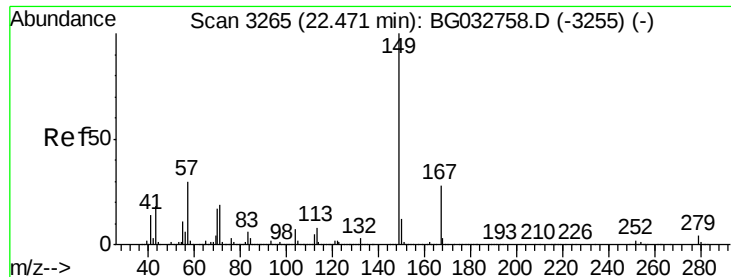
Abundance

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: 44.234 ng

RT: 22.41 min Scan# 3256

Delta R.T. -0.02 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

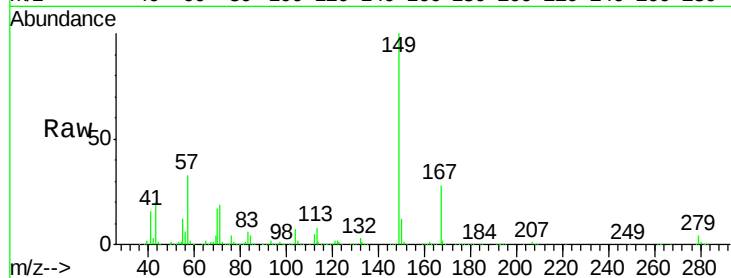
Tot Ion:149 Resp: 701630

Ion Ratio Lower Upper

149 100

167 28.2 24.3 36.5

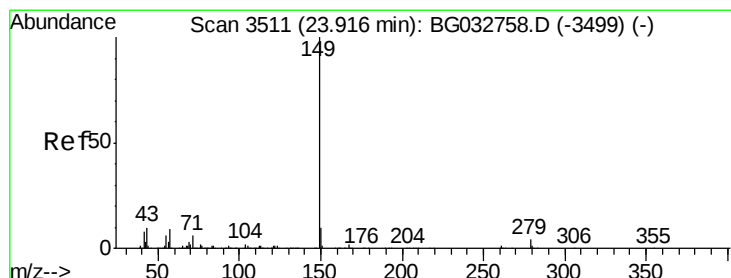
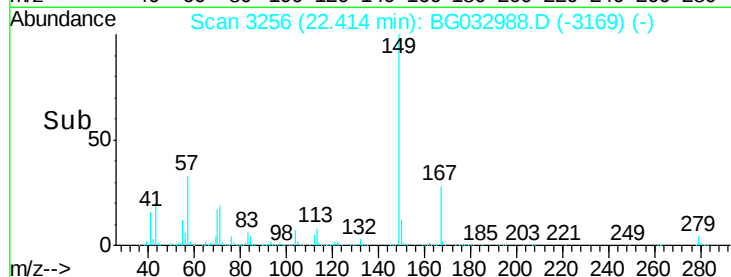
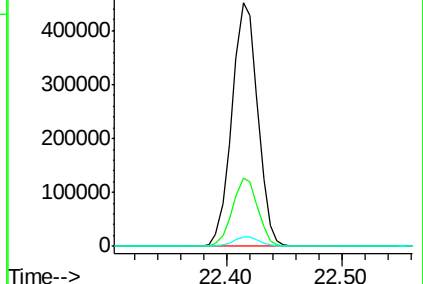
279 3.8 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.781 ng

RT: 23.83 min Scan# 3497

Delta R.T. -0.02 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

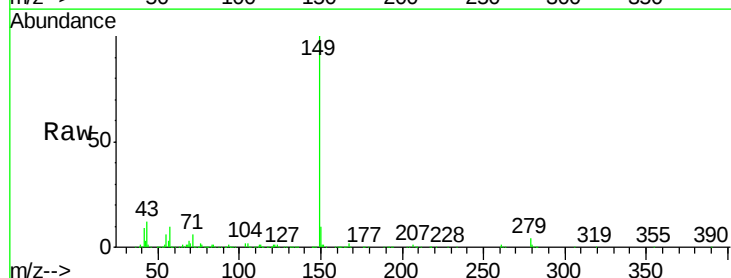
Tgt Ion:149 Resp: 1203586

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

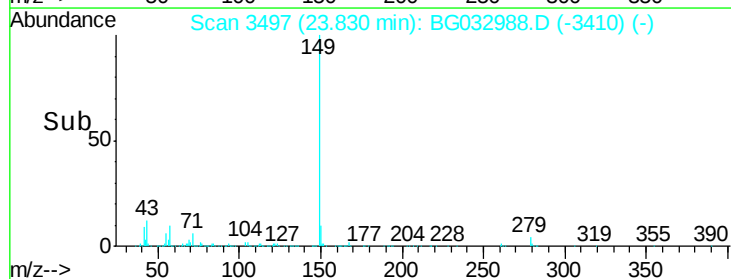
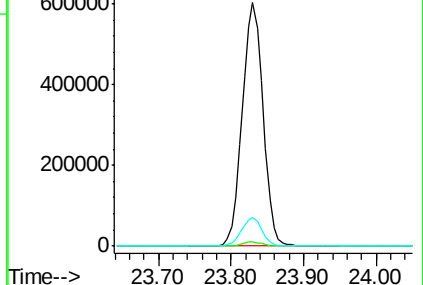
43 11.4 8.9 13.3

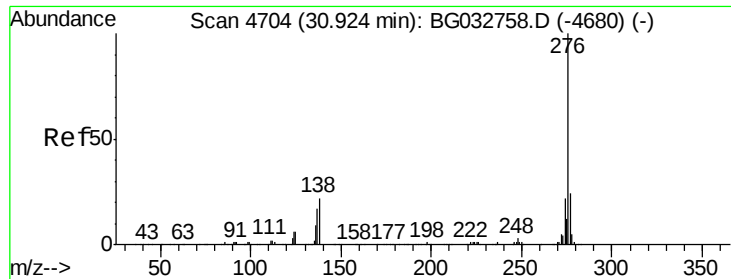


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

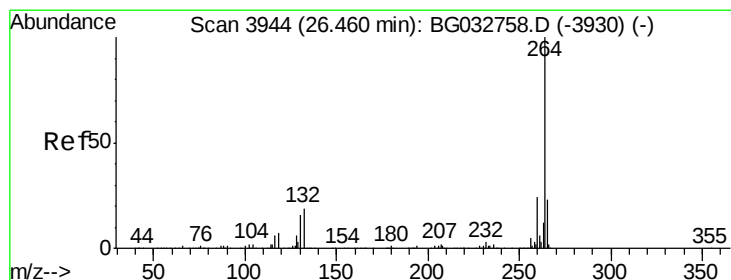
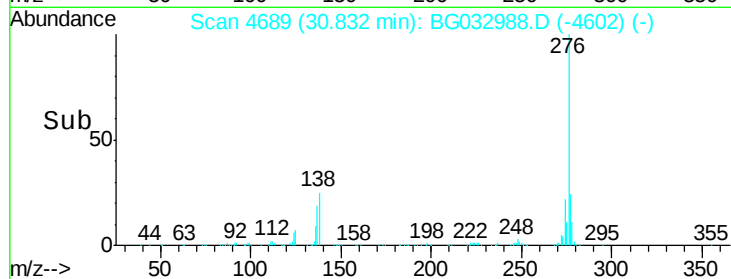
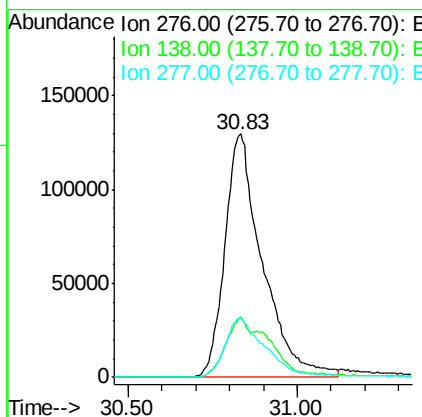
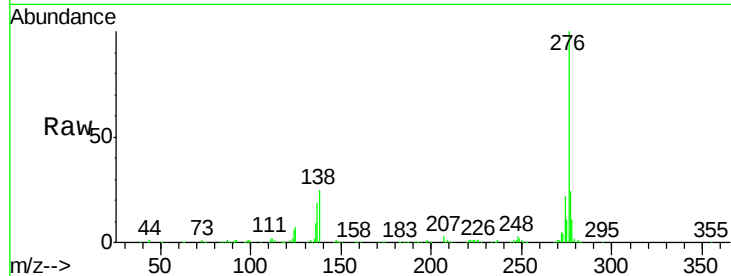




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.774 ng  
 RT: 30.83 min Scan# 4689  
 Delta R.T. -0.02 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

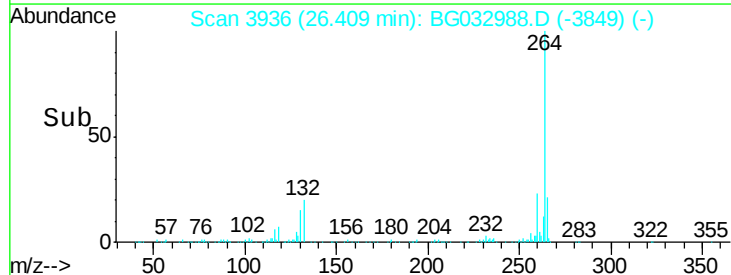
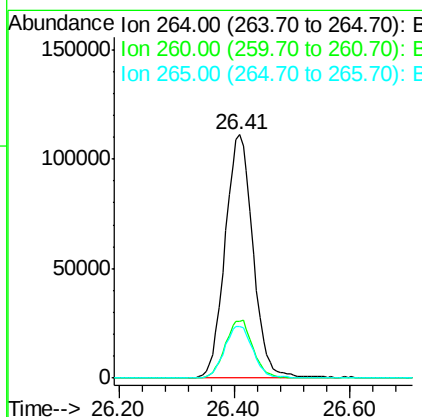
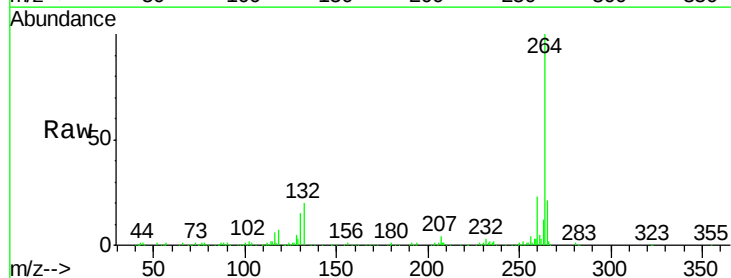
Instrument :  
 BNA\_G  
 ClientSampleId :

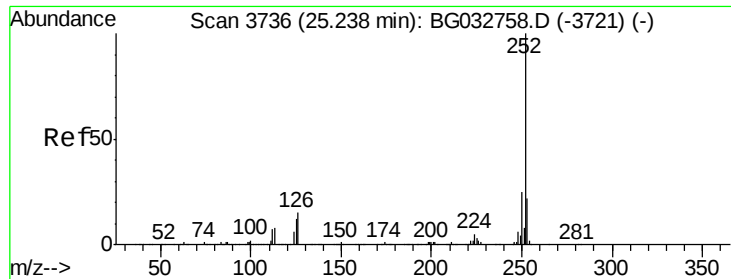
Tot Ion:276 Resp: 998292  
 Ion Ratio Lower Upper  
 276 100  
 138 15.7 16.0 24.0#  
 277 25.8 20.0 30.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 26.41 min Scan# 3936  
 Delta R.T. -0.02 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

Tgt Ion:264 Resp: 371404  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 17.4 26.0  
 265 21.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 42.571 ng

RT: 25.19 min Scan# 3729

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

Instrument :

BNA\_G

ClientSampleId :

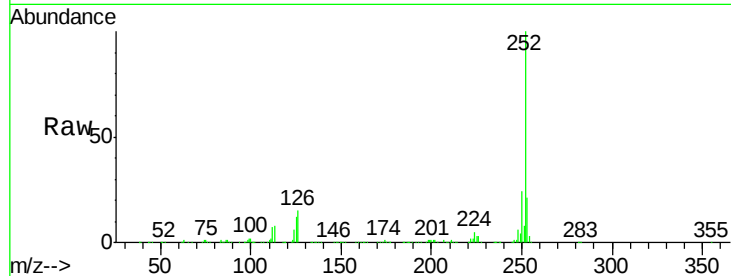
Tot Ion:252 Resp: 934864

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

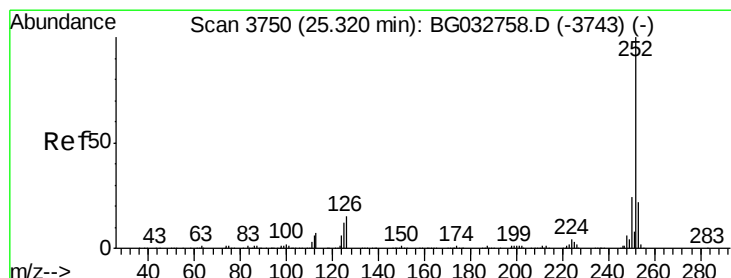
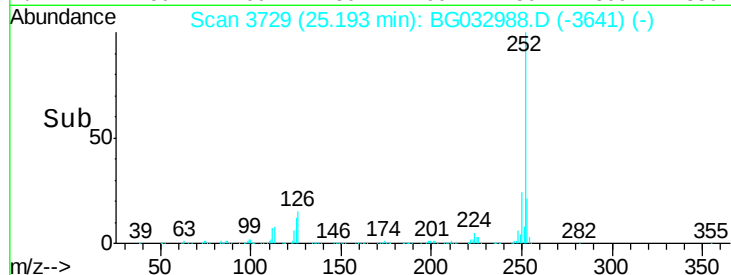
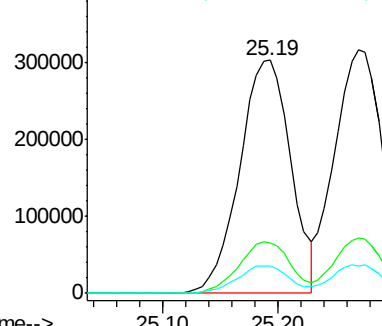
125 11.7 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.703 ng

RT: 25.27 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BG032988.D

Acq: 5 Mar 2018 14:04

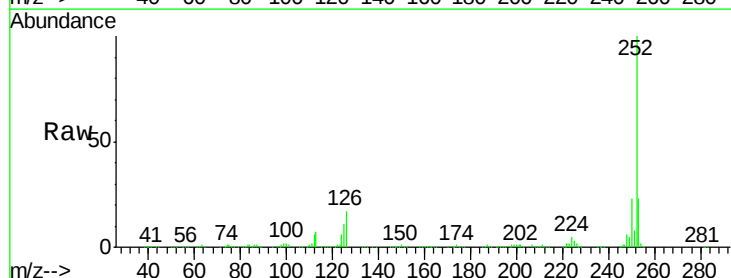
Tgt Ion:252 Resp: 931982

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

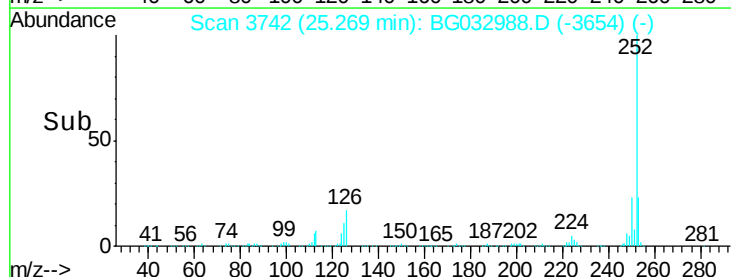
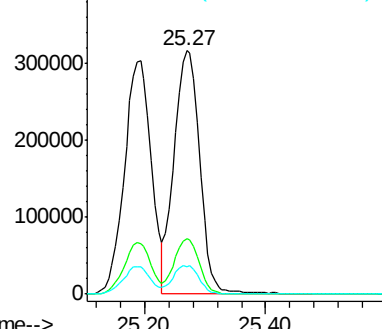
125 11.5 6.6 9.8#

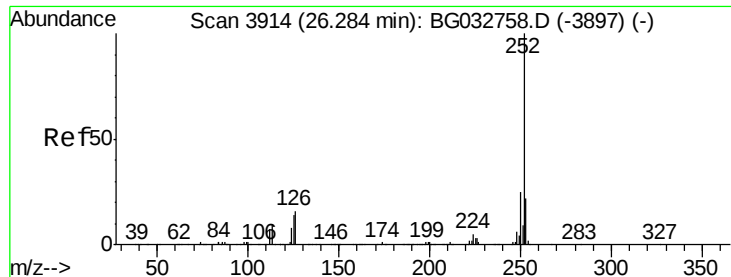


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

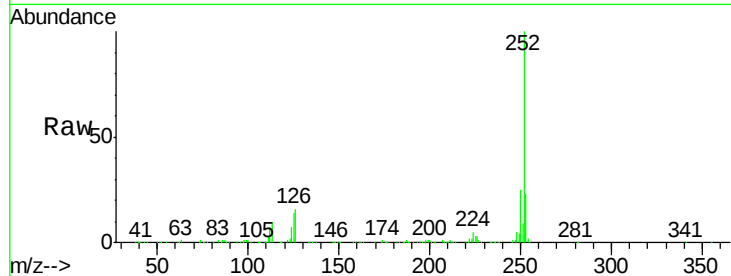




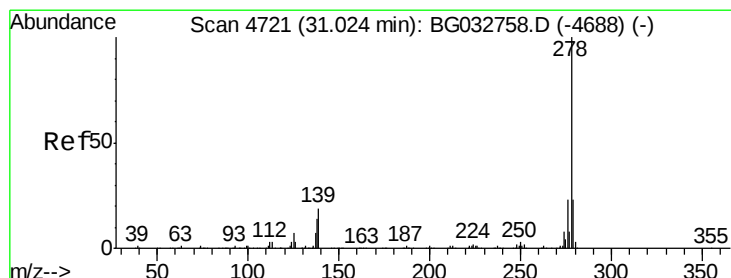
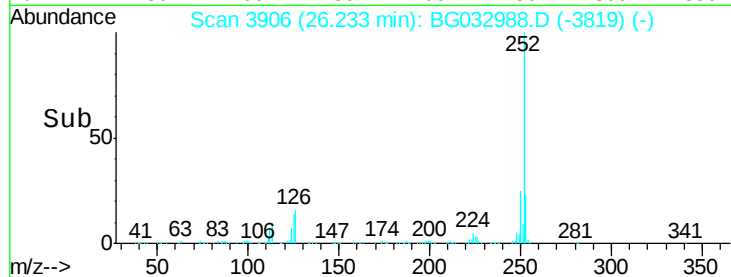
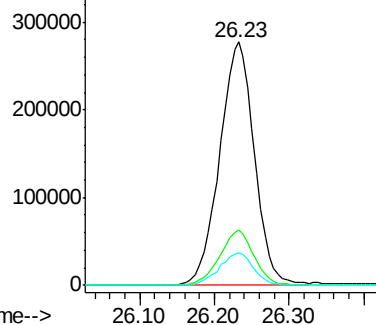
#89  
Benzo(a)pyrene  
Concen: 42.796 ng  
RT: 26.23 min Scan# 3906  
Delta R.T. -0.02 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:252 Resp: 893874  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.3 27.5  
125 13.6 7.3 10.9#

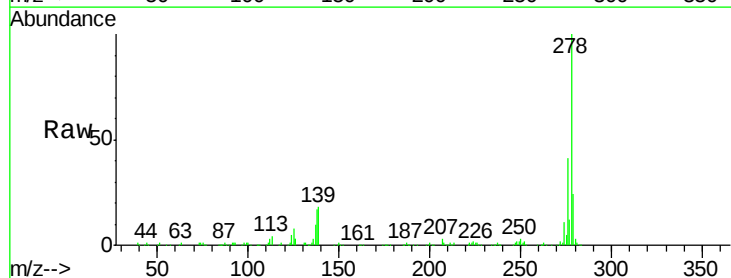


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

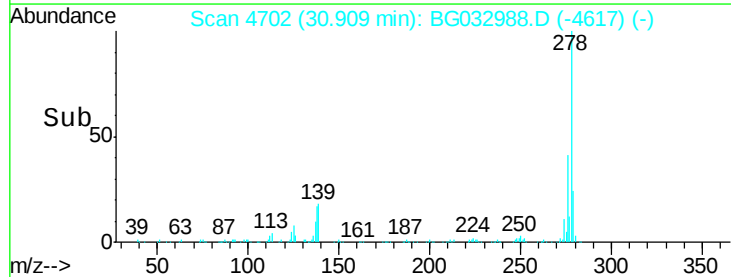
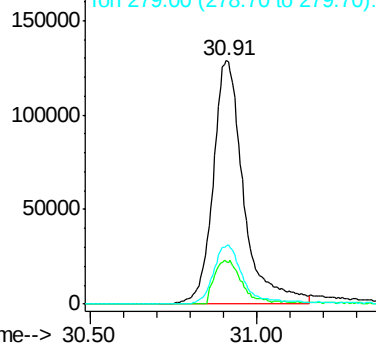


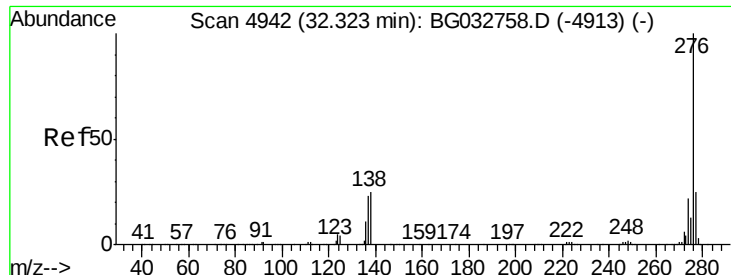
#90  
Dibenzo(a,h)anthracene  
Concen: 38.905 ng  
RT: 30.91 min Scan# 4702  
Delta R.T. -0.03 min  
Lab File: BG032988.D  
Acq: 5 Mar 2018 14:04

Tgt Ion:278 Resp: 817946  
Ion Ratio Lower Upper  
278 100  
139 17.6 9.8 14.6#  
279 23.9 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

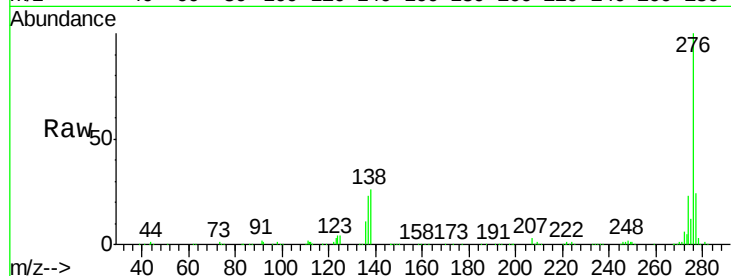




#91  
 Benzo(a,h,i)perylene  
 Concen: 40.692 ng  
 RT: 32.22 min Scan# 4925  
 Delta R.T. -0.03 min  
 Lab File: BG032988.D  
 Acq: 5 Mar 2018 14:04

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 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

