

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\  
 Data File : BG033021.D  
 Acq On : 6 Mar 2018 14:21  
 Operator : SJ/JU  
 Sample : PB107075BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 06 17:41:14 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 06 17:38:59 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.91  | 152  | 52824    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.80 | 136  | 241166   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.53 | 164  | 148122   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.26 | 188  | 346463   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.61 | 240  | 317784   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.40 | 264  | 344732   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 6.32  | 112 | 282990  | 85.71 | ng | 0.00 |
| 7) Phenol-d6             | 8.00  | 99  | 386460  | 83.97 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 10.11 | 82  | 330246  | 93.86 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 17.00 | 330 | 141402  | 90.79 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 14.16 | 172 | 737858  | 71.84 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.77 | 244 | 1069026 | 75.58 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.95  | 88  | 50726  | 35.399 | ng | 94     |
| 3) Pyridine                    | 4.42  | 79  | 145027 | 36.720 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 4.32  | 42  | 79819  | 50.407 | ng | # 85   |
| 6) Aniline                     | 8.20  | 93  | 130500 | 20.948 | ng | 98     |
| 8) 2-Chlorophenol              | 8.46  | 128 | 162375 | 44.929 | ng | 93     |
| 9) Benzaldehyde                | 8.00  | 77  | 50447  | 19.019 | ng | 95     |
| 10) Phenol                     | 8.03  | 94  | 213299 | 45.976 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 8.29  | 93  | 143223 | 37.754 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 8.80  | 146 | 157371 | 37.178 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.94  | 146 | 159800 | 37.504 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 9.28  | 146 | 152108 | 37.254 | ng | 96     |
| 15) Benzyl Alcohol             | 9.14  | 79  | 142896 | 42.235 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.43  | 45  | 277133 | 42.495 | ng | 99     |
| 17) 2-Methylphenol             | 9.34  | 107 | 142696 | 41.711 | ng | 97     |
| 18) Hexachloroethane           | 10.04 | 117 | 58234  | 40.141 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 9.72  | 70  | 122952 | 37.842 | ng | # 90   |
| 20) 3+4-Methylphenols          | 9.67  | 107 | 198835 | 41.801 | ng | 95     |
| 22) Acetophenone               | 9.75  | 105 | 229354 | 37.657 | ng | # 99   |
| 24) Nitrobenzene               | 10.15 | 77  | 175404 | 45.925 | ng | 94     |
| 25) Isophorone                 | 10.68 | 82  | 340162 | 40.186 | ng | 96     |
| 26) 2-Nitrophenol              | 10.88 | 139 | 85162  | 58.225 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.91 | 122 | 175661 | 47.770 | ng | 91     |
| 28) bis(2-Chloroethoxy)methane | 11.15 | 93  | 202858 | 41.137 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 11.42 | 162 | 155862 | 46.702 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 11.65 | 180 | 143415 | 36.659 | ng | 96     |
| 31) Naphthalene                | 11.85 | 128 | 488508 | 38.765 | ng | 99     |
| 32) Benzoic acid               | 11.01 | 122 | 102012 | 45.592 | ng | 86     |
| 33) 4-Chloroaniline            | 11.93 | 127 | 123500 | 21.918 | ng | 97     |
| 34) Hexachlorobutadiene        | 12.11 | 225 | 78070  | 35.577 | ng | 99     |
| 35) Caprolactam                | 12.69 | 113 | 65739  | 49.193 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 13.00 | 107 | 194848 | 50.170 | ng | 94     |
| 37) 2-Methylnaphthalene        | 13.40 | 142 | 365808 | 40.123 | ng | 94     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.75 | 216 | 154317 | 35.096 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 13.73 | 237 | 184228 | 82.212 | ng | 94     |

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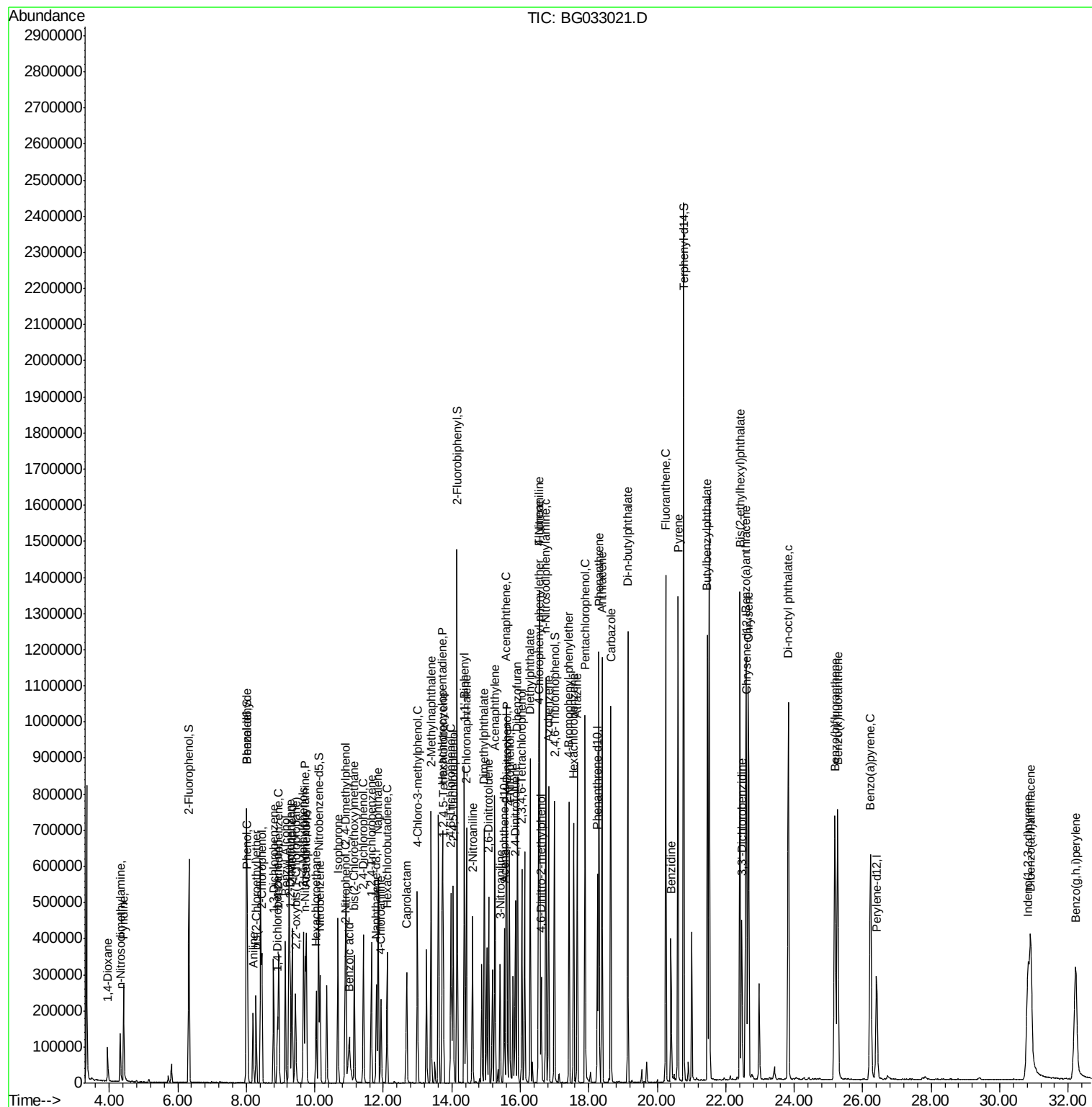
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.97 | 196  | 123209   | 44.433 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 14.04 | 196  | 138510   | 43.158 | nq    | # 96     |
| 45) 1,1'-Biphenyl              | 14.37 | 154  | 465400   | 35.956 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 14.43 | 162  | 357175   | 36.941 | nq    | 97       |
| 47) 2-Nitroaniline             | 14.61 | 65   | 136887   | 54.470 | nq    | 93       |
| 48) Acenaphthylene             | 15.26 | 152  | 596911   | 37.708 | nq    | 99       |
| 49) Dimethylphthalate          | 14.95 | 163  | 487225   | 38.740 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 15.08 | 165  | 111046   | 52.354 | nq    | 96       |
| 51) Acenaphthene               | 15.59 | 154  | 397471   | 40.317 | nq    | 98       |
| 52) 3-Nitroaniline             | 15.41 | 138  | 82136    | 34.425 | nq    | # 84     |
| 53) 2,4-Dinitrophenol          | 15.61 | 184  | 63504    | 91.514 | nq    | 89       |
| 54) Dibenzofuran               | 15.92 | 168  | 561975   | 40.034 | nq    | 93       |
| 55) 4-Nitrophenol              | 15.68 | 139  | 181514   | 87.413 | nq    | 86       |
| 56) 2,4-Dinitrotoluene         | 15.86 | 165  | 156939   | 60.191 | nq    | 85       |
| 57) Fluorene                   | 16.56 | 166  | 457520   | 39.489 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.05 | 232  | 118736   | 47.652 | nq    | 94       |
| 59) Diethylphthalate           | 16.29 | 149  | 529267   | 39.898 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.53 | 204  | 225237   | 39.740 | nq    | # 88     |
| 61) 4-Nitroaniline             | 16.56 | 138  | 116976   | 43.519 | nq    | 93       |
| 62) Azobenzene                 | 16.83 | 77   | 489130   | 41.216 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 16.61 | 198  | 61801    | 56.937 | nq    | 91       |
| 65) n-Nitrosodiphenylamine     | 16.75 | 169  | 431353   | 38.271 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 17.43 | 248  | 137890   | 37.639 | nq    | # 87     |
| 67) Hexachlorobenzene          | 17.56 | 284  | 143801   | 36.323 | nq    | # 90     |
| 68) Atrazine                   | 17.66 | 200  | 151601   | 40.863 | nq    | 97       |
| 69) Pentachlorophenol          | 17.89 | 266  | 187426   | 75.160 | nq    | 100      |
| 70) Phenanthrene               | 18.30 | 178  | 746145   | 38.602 | nq    | 99       |
| 71) Anthracene                 | 18.39 | 178  | 769428   | 39.650 | nq    | 99       |
| 72) Carbazole                  | 18.64 | 167  | 718682   | 37.574 | nq    | 97       |
| 73) Di-n-butylphthalate        | 19.14 | 149  | 908044   | 38.697 | nq    | 99       |
| 74) Fluoranthene               | 20.25 | 202  | 838781   | 39.284 | nq    | 94       |
| 76) Benzidine                  | 20.40 | 184  | 239553   | 22.115 | nq    | 98       |
| 77) Pyrene                     | 20.61 | 202  | 852697   | 38.049 | nq    | 99       |
| 79) Butylbenzylphthalate       | 21.46 | 149  | 429021   | 43.179 | nq    | 94       |
| 80) Benzo(a)anthracene         | 22.58 | 228  | 808611   | 39.681 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 22.47 | 252  | 183478   | 24.311 | nq    | # 99     |
| 82) Chrysene                   | 22.67 | 228  | 766596   | 39.381 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 22.41 | 149  | 605468   | 41.167 | nq    | 96       |
| 84) Di-n-octyl phthalate       | 23.83 | 149  | 1043336  | 46.540 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 30.82 | 276  | 845409   | 37.240 | nq    | 96       |
| 87) Benzo(b)fluoranthene       | 25.19 | 252  | 826871   | 40.567 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 25.27 | 252  | 792246   | 39.109 | nq    | # 97     |
| 89) Benzo(a)pyrene             | 26.23 | 252  | 793902   | 40.950 | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 30.91 | 278  | 726392   | 37.224 | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 32.22 | 276  | 730071   | 37.952 | nq    | # 92     |

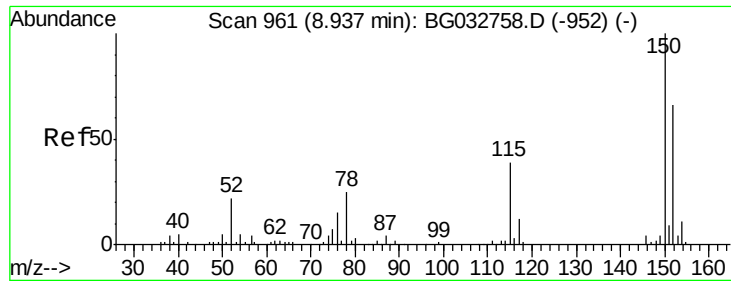
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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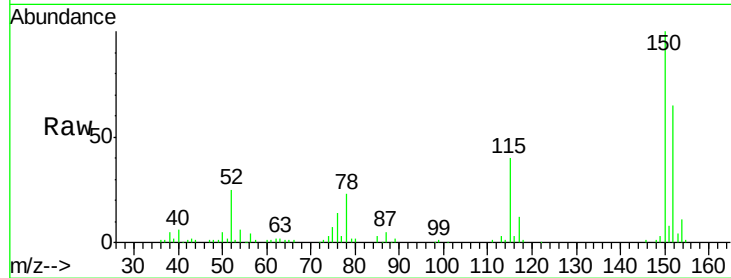


#1

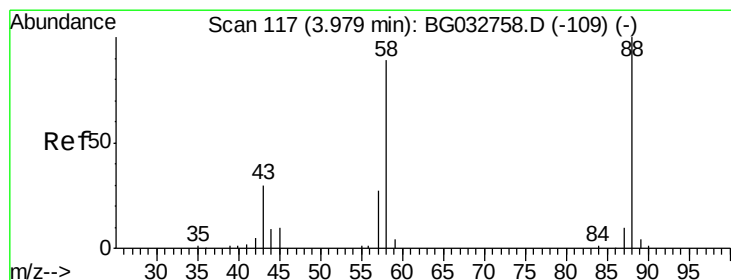
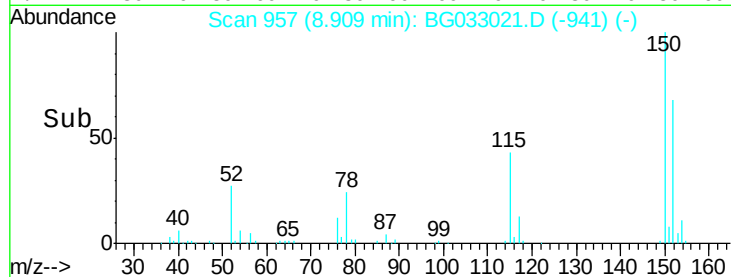
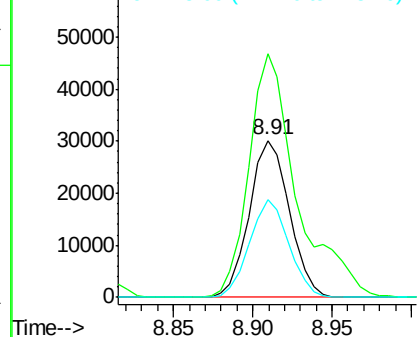
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.91 min Scan# 957  
Delta R.T. -0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 52824  
Ion Ratio Lower Upper  
152 100  
150 155.0 126.6 189.8  
115 62.3 53.0 79.4



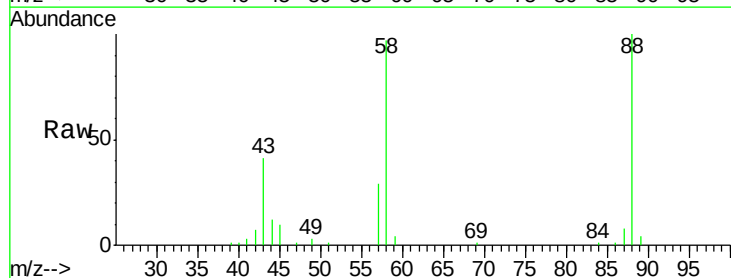
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



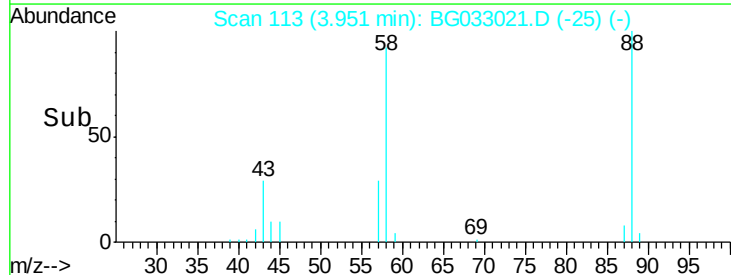
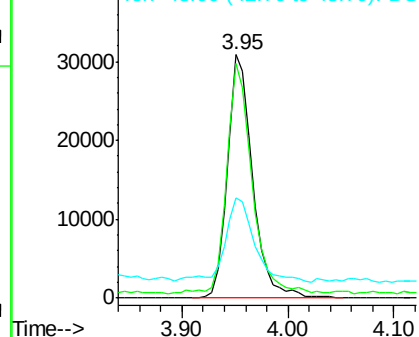
#2

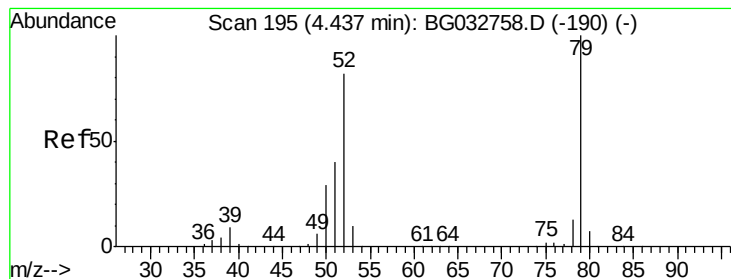
1,4-Dioxane  
Concen: 35.399 ng  
RT: 3.95 min Scan# 113  
Delta R.T. -0.02 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion: 88 Resp: 50726  
Ion Ratio Lower Upper  
88 100  
58 95.5 79.6 119.4  
43 40.9 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: 36.720 ng

RT: 4.42 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

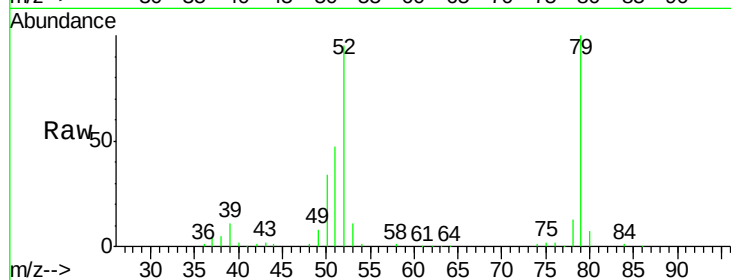
Tot Ion: 79 Resp: 145027

Ion Ratio Lower Upper

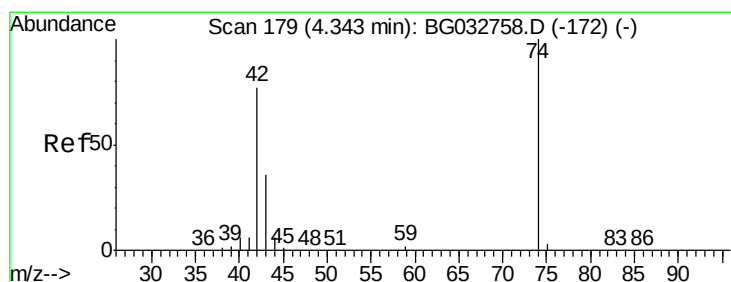
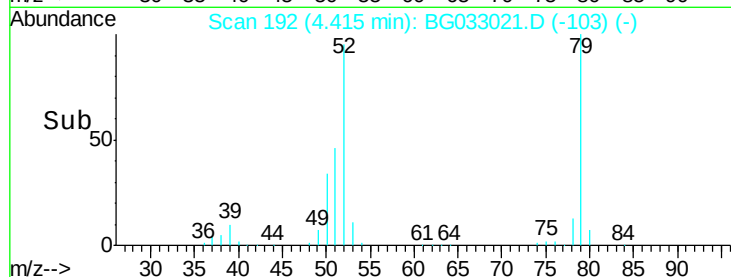
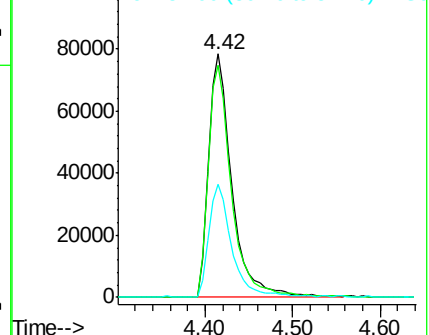
79 100

52 95.3 69.9 104.9

51 46.6 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: 50.407 ng

RT: 4.32 min Scan# 176

Delta R.T. -0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

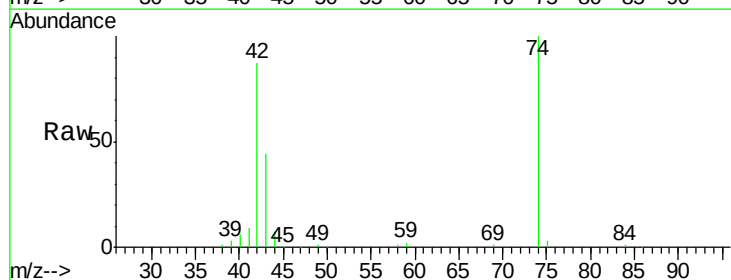
Tgt Ion: 42 Resp: 79819

Ion Ratio Lower Upper

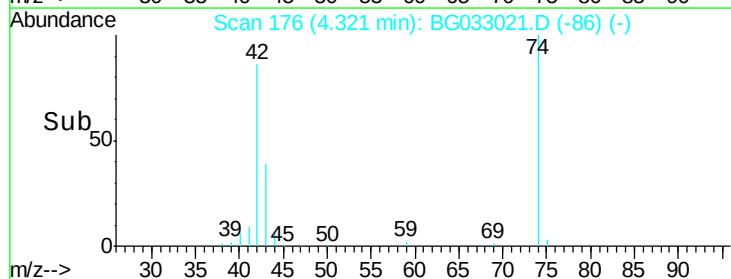
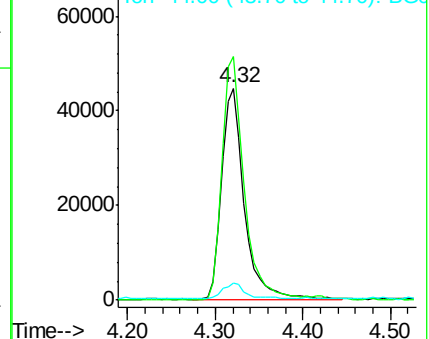
42 100

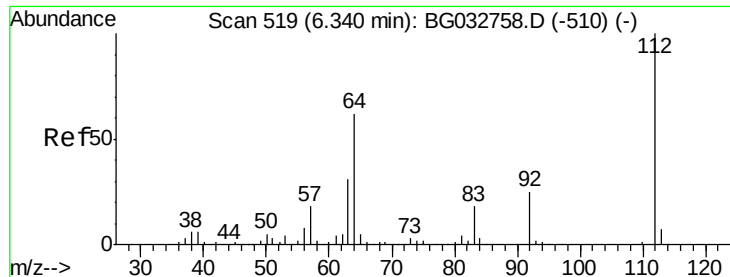
74 115.0 102.5 153.7

44 7.8 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: 85.708 ng

RT: 6.32 min Scan# 517

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

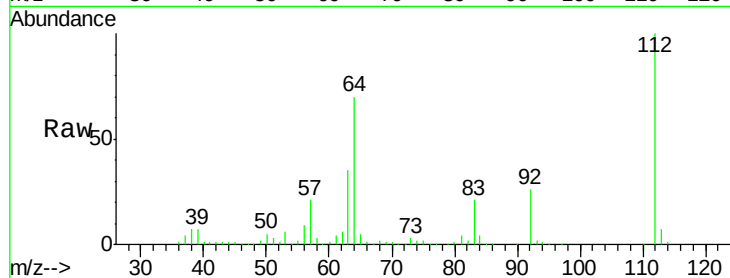
Tot Ion:112 Resp: 282990

Ion Ratio Lower Upper

112 100

64 70.3 56.3 84.5

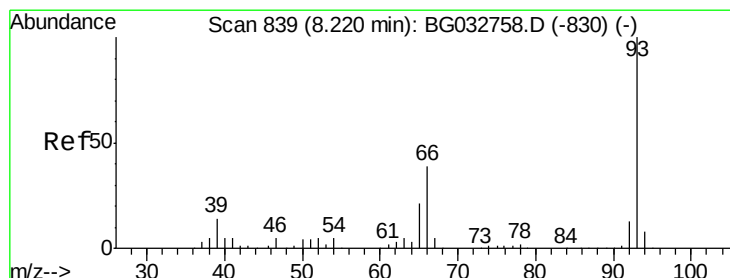
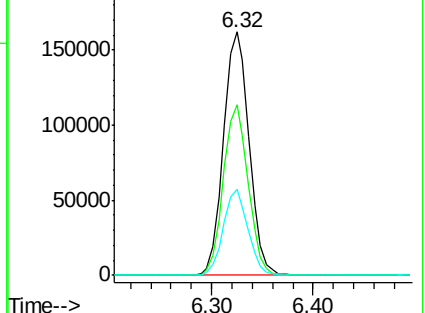
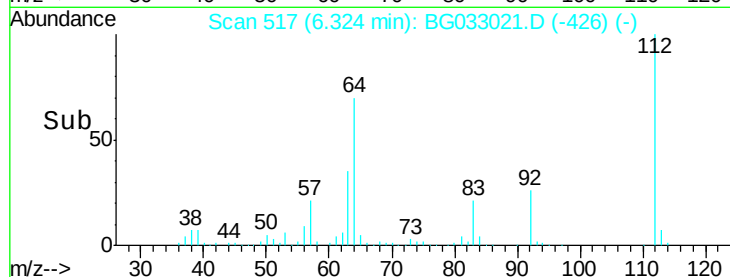
63 35.2 30.1 45.1



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: 20.948 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

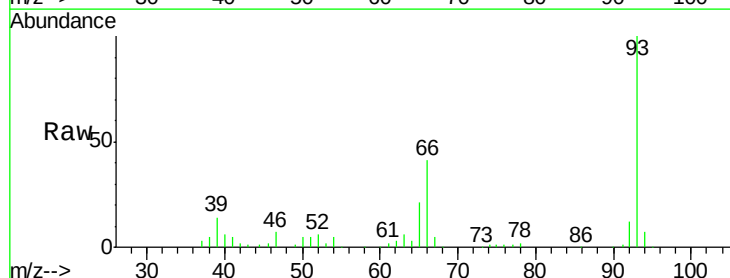
Tgt Ion: 93 Resp: 130500

Ion Ratio Lower Upper

93 100

66 40.7 33.7 50.5

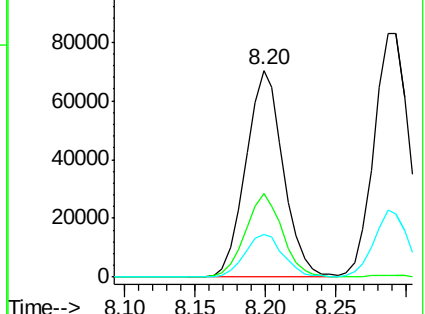
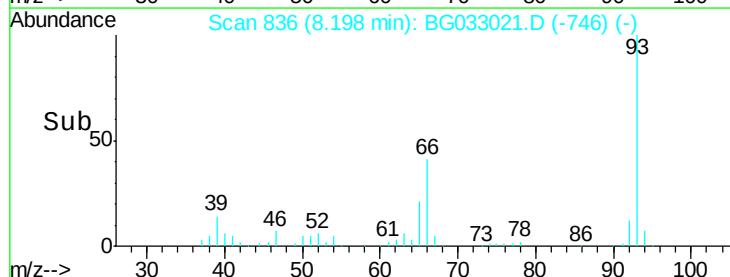
65 20.6 16.1 24.1

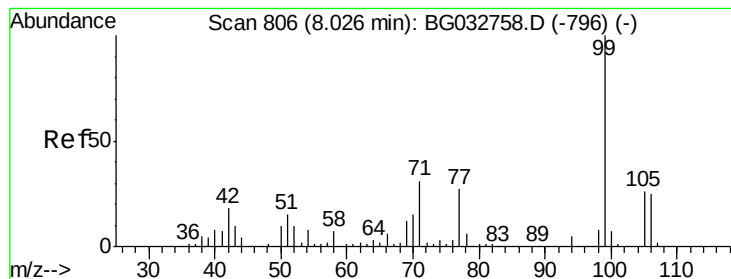


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.972 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampled :

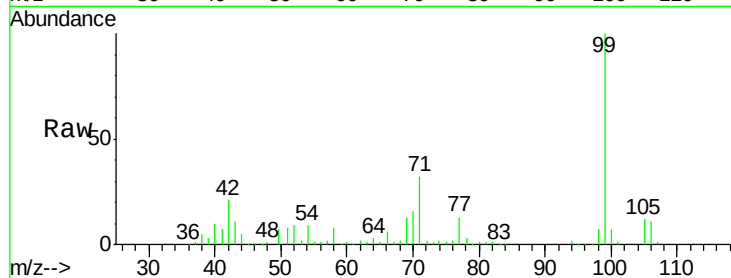
Tot Ion: 99 Resp: 386460

Ion Ratio Lower Upper

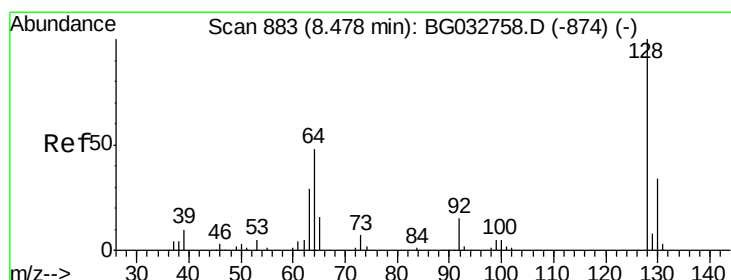
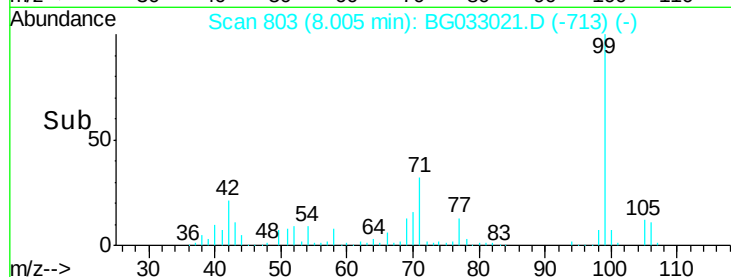
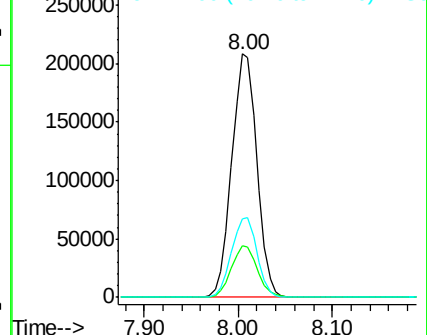
99 100

42 21.3 14.1 21.1#

71 32.4 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: 44.929 ng

RT: 8.46 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

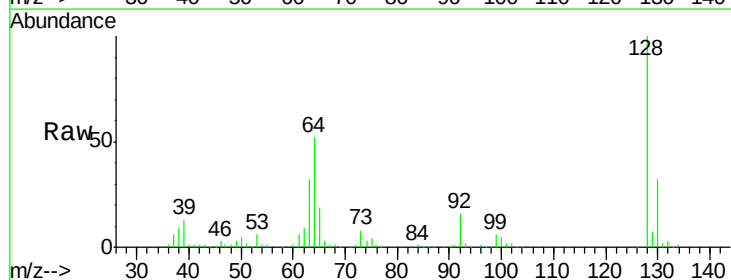
Tgt Ion: 128 Resp: 162375

Ion Ratio Lower Upper

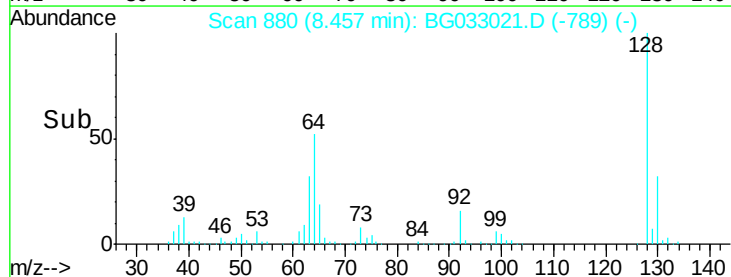
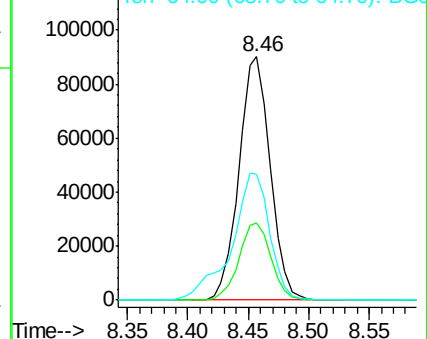
128 100

130 31.9 14.0 54.0

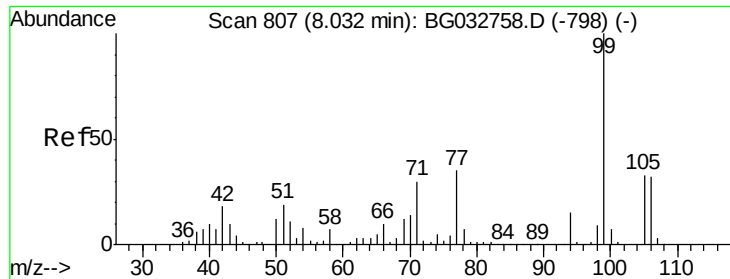
64 51.6 37.7 77.7



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: 19.019 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

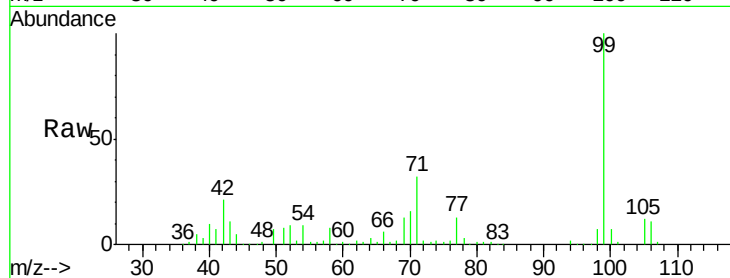
Tot Ion: 77 Resp: 50447

Ion Ratio Lower Upper

77 100

105 94.7 71.3 111.3

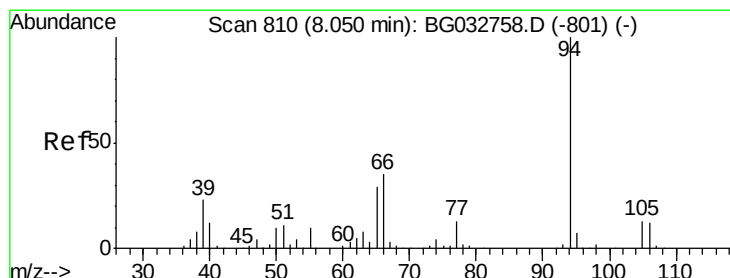
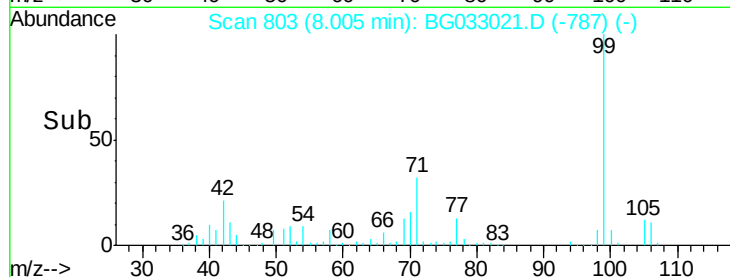
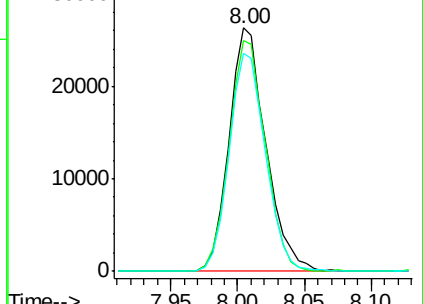
106 89.5 64.2 104.2



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: 45.976 ng

RT: 8.03 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

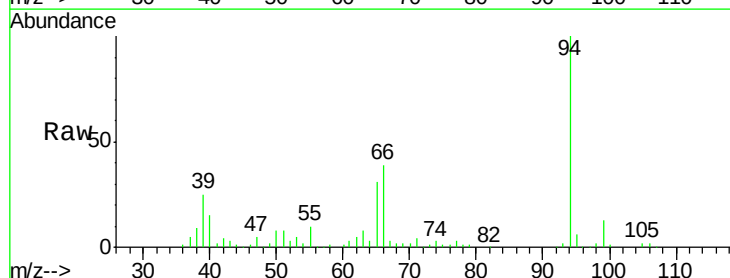
Tgt Ion: 94 Resp: 213299

Ion Ratio Lower Upper

94 100

65 30.8 11.9 51.9

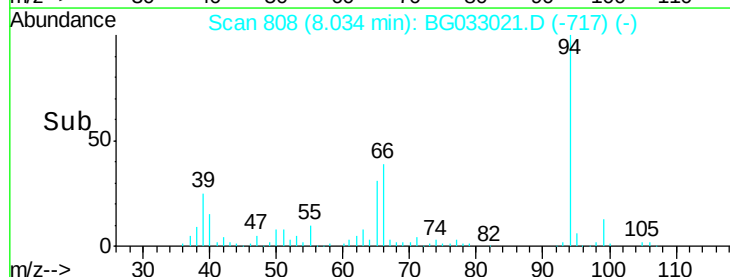
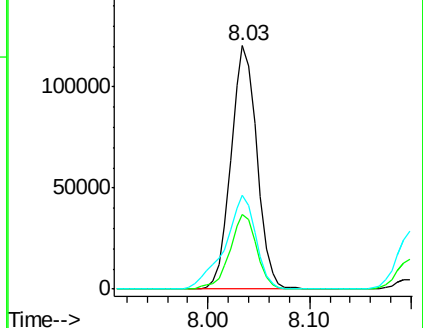
66 38.5 22.2 62.2



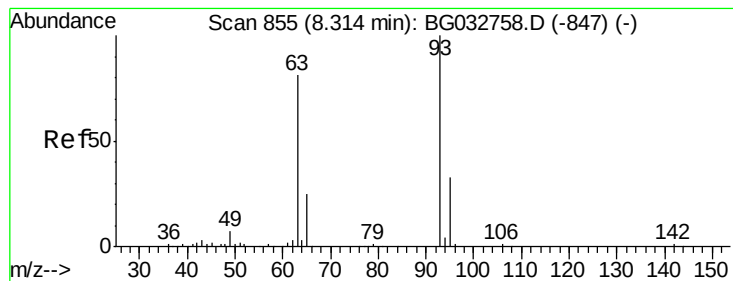
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



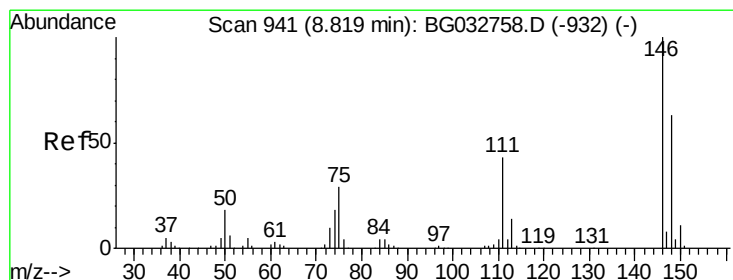
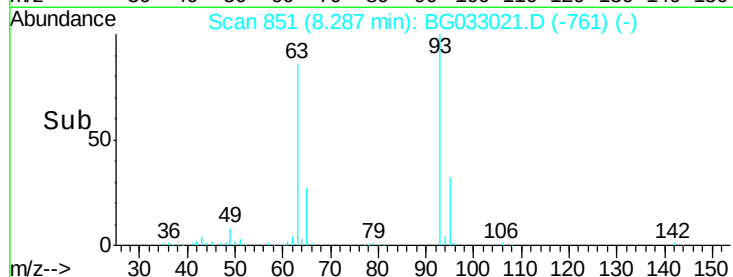
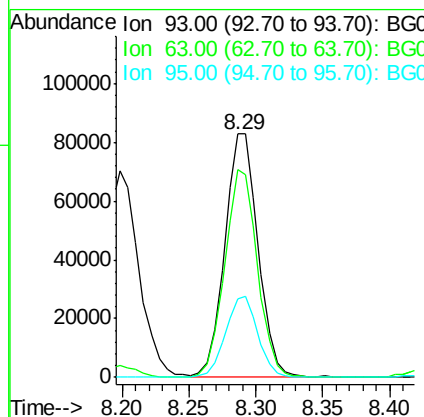
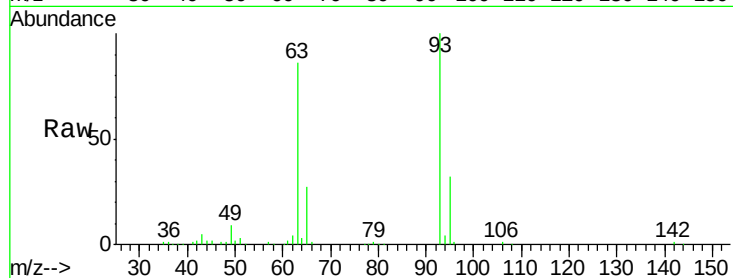




#11  
bis(2-Chloroethyl)ether  
Concen: 37.754 ng  
RT: 8.29 min Scan# 851  
Delta R.T. -0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

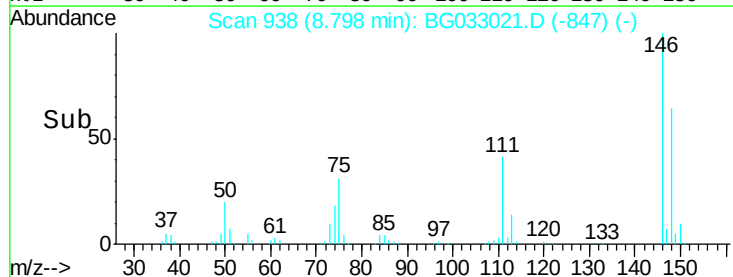
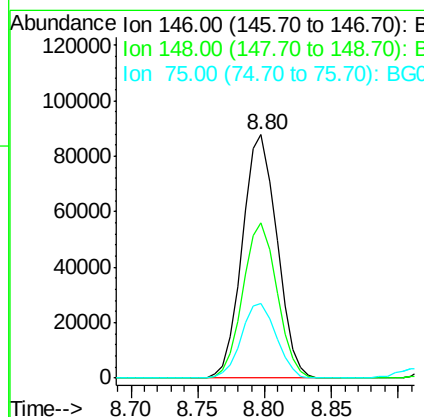
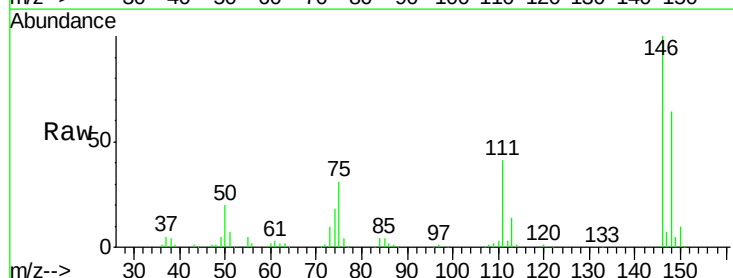
Instrument :  
BNA\_G  
ClientSampleId :

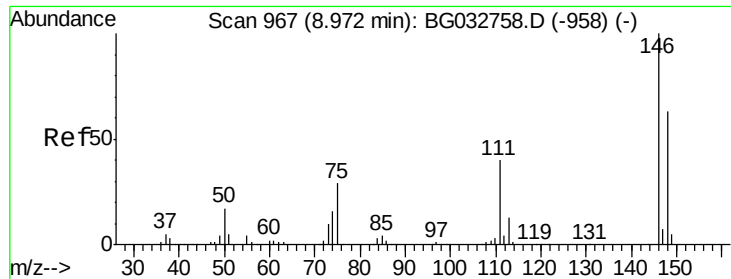
Tot Ion: 93 Resp: 143223  
Ion Ratio Lower Upper  
93 100  
63 85.5 67.1 107.1  
95 32.1 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 37.178 ng  
RT: 8.80 min Scan# 938  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion: 146 Resp: 157371  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.4 77.2  
75 30.8 26.6 39.8

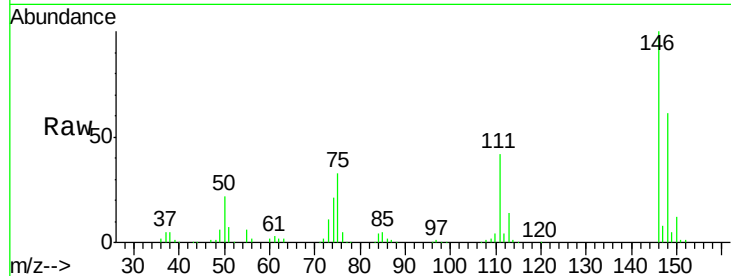




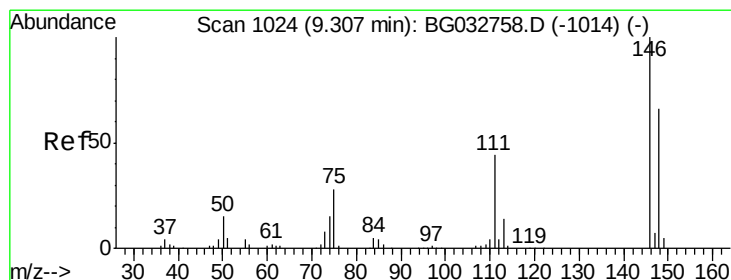
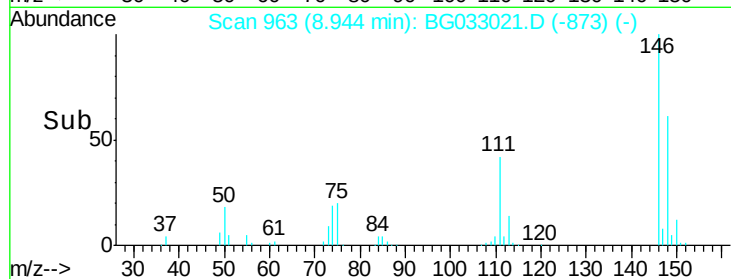
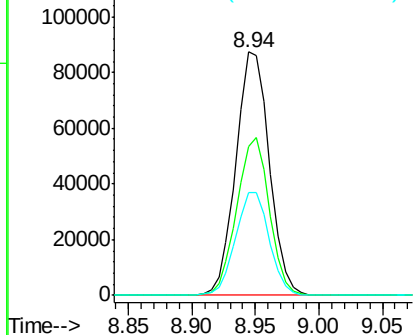
#13  
 1,4-Dichlorobenzene  
 Concen: 37.504 ng  
 RT: 8.94 min Scan# 963  
 Delta R.T. -0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:146 Resp: 159800  
 Ion Ratio Lower Upper  
 146 100  
 148 61.1 53.7 80.5  
 111 42.5 35.2 52.8

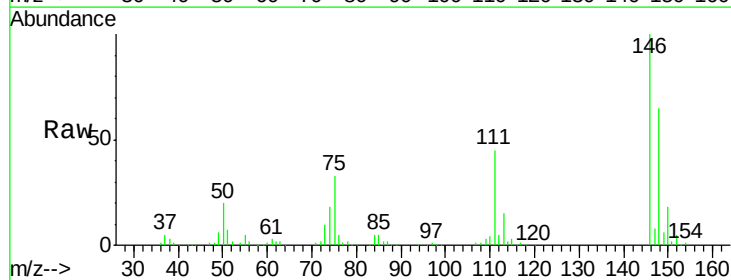


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

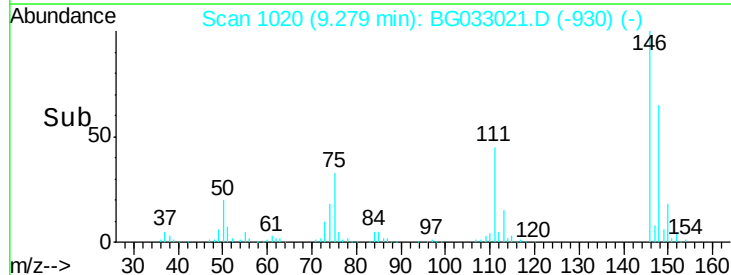
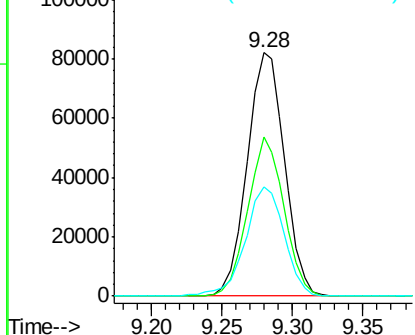


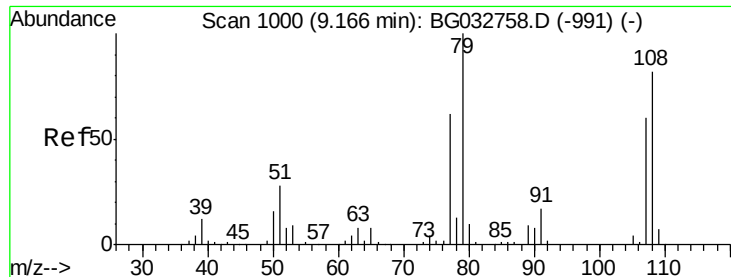
#14  
 1,2-Dichlorobenzene  
 Concen: 37.254 ng  
 RT: 9.28 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Tgt Ion:146 Resp: 152108  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 49.3 73.9  
 111 44.6 34.3 51.5



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

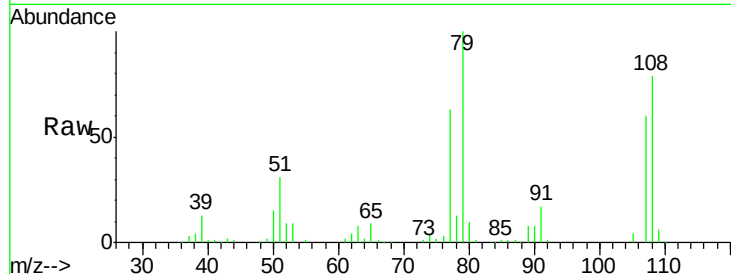




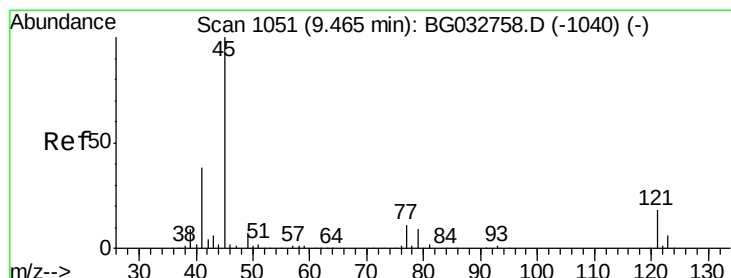
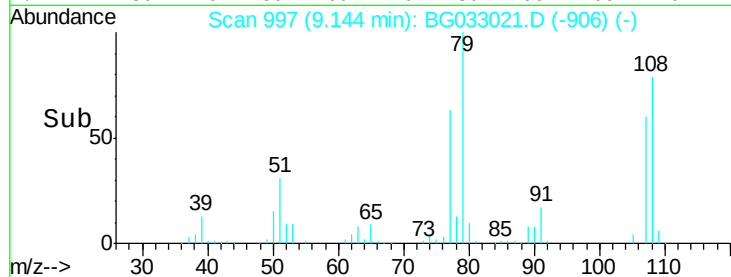
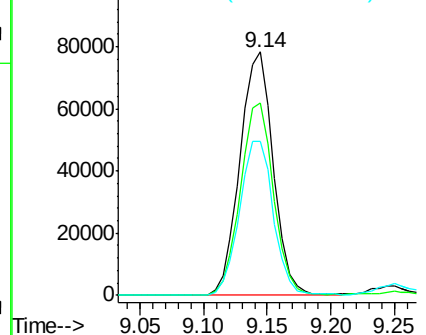
#15  
Benzyl Alcohol  
Concen: 42.235 ng  
RT: 9.14 min Scan# 997  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 79 Resp: 142896  
Ion Ratio Lower Upper  
79 100  
108 78.8 57.2 85.8  
77 63.5 46.1 69.1

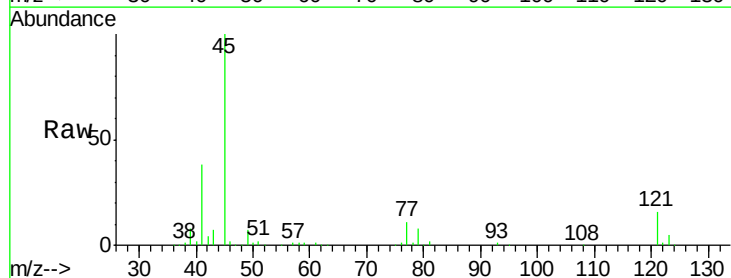


Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC

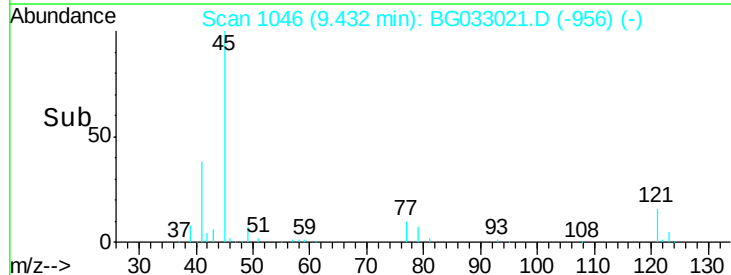
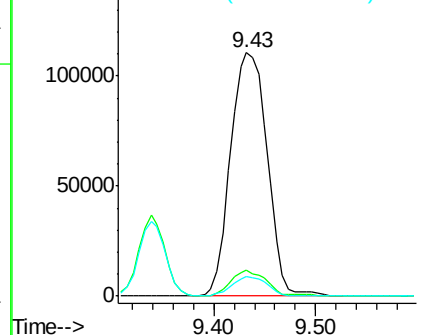


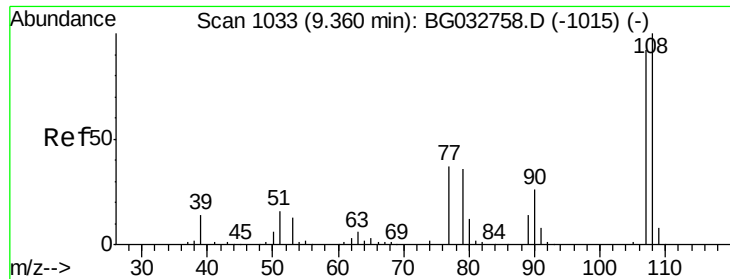
#16  
2,2'-oxybis(1-chloropropane)  
Concen: 42.495 ng  
RT: 9.43 min Scan# 1046  
Delta R.T. -0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion: 45 Resp: 277133  
Ion Ratio Lower Upper  
45 100  
77 10.6 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

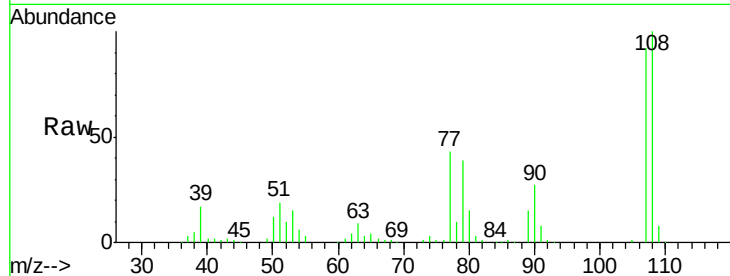




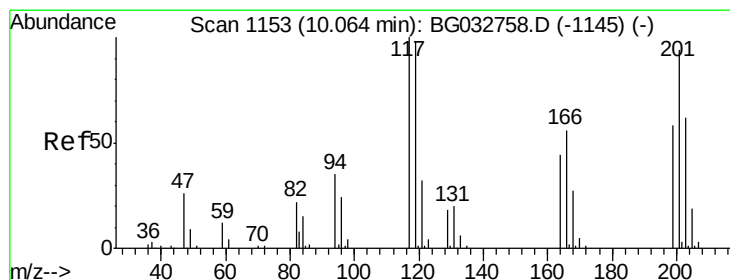
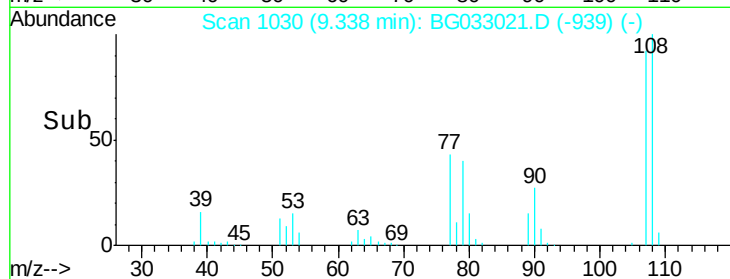
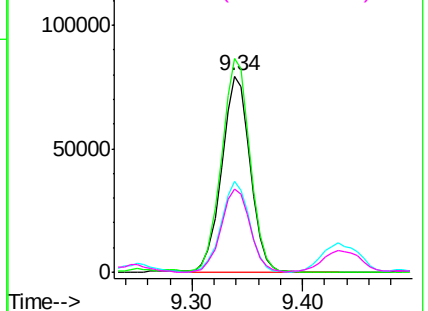
#17  
2-Methylphenol  
Concen: 41.711 ng  
RT: 9.34 min Scan# 1030  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:107 Resp: 142696  
Ion Ratio Lower Upper  
107 100  
108 108.8 83.9 125.9  
77 46.3 37.2 55.8  
79 42.7 36.2 54.2

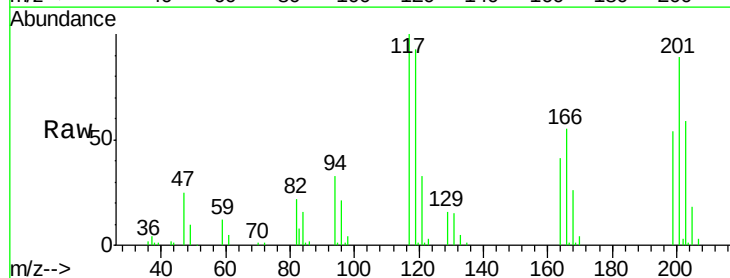


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

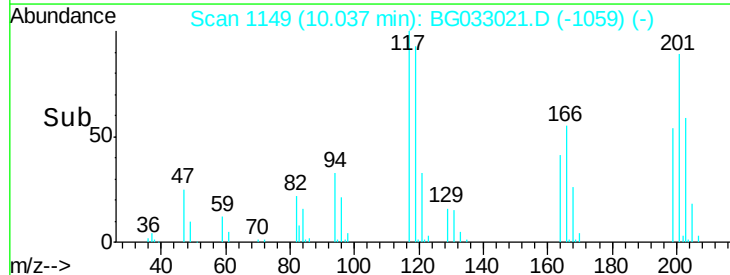
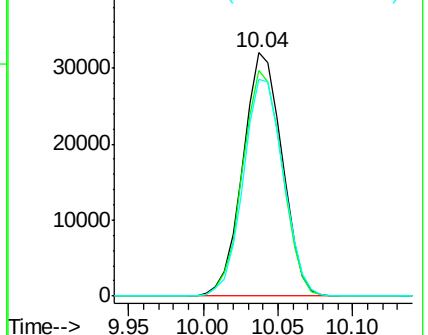


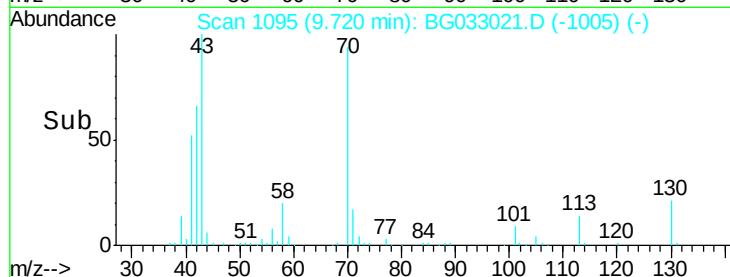
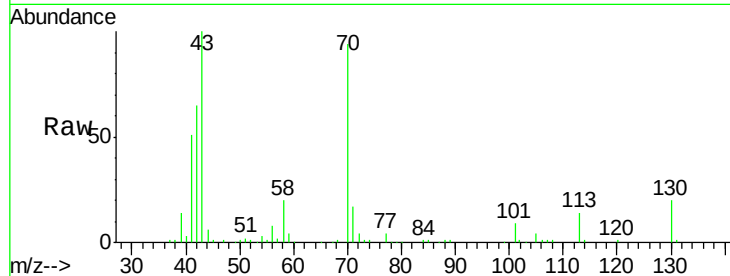
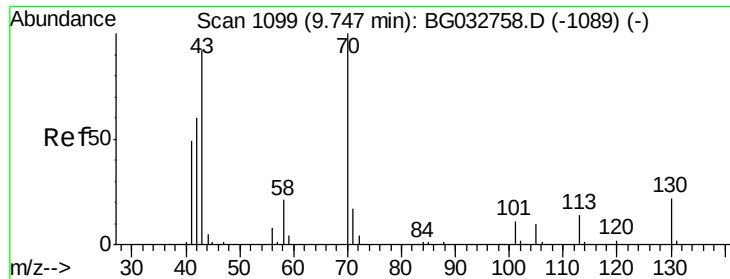
#18  
Hexachloroethane  
Concen: 40.141 ng  
RT: 10.04 min Scan# 1149  
Delta R.T. -0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion:117 Resp: 58234  
Ion Ratio Lower Upper  
117 100  
119 92.9 76.7 115.1  
201 89.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

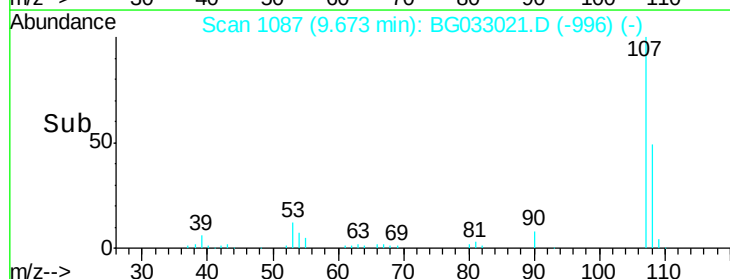
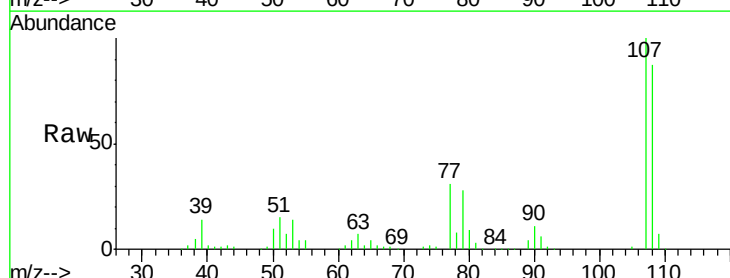
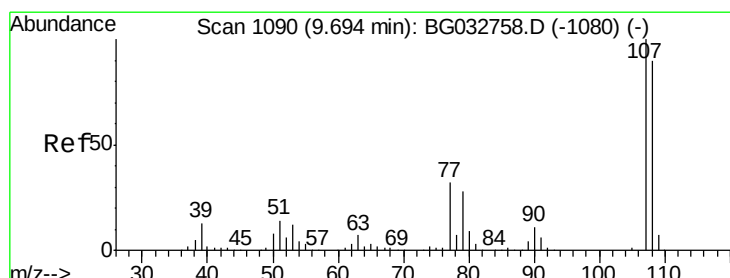
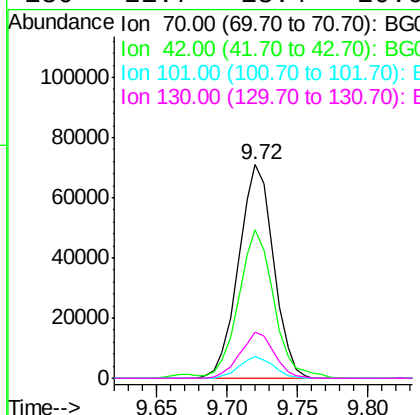




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.842 ng  
RT: 9.72 min Scan# 1095  
Delta R.T. -0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

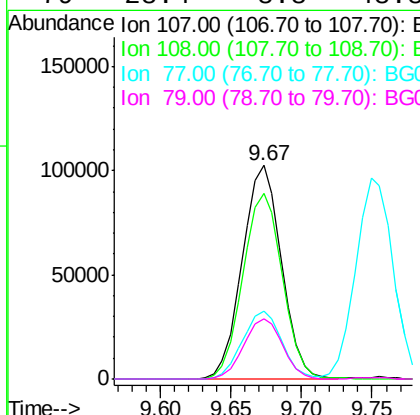
Instrument :  
BNA\_G  
ClientSampleId :

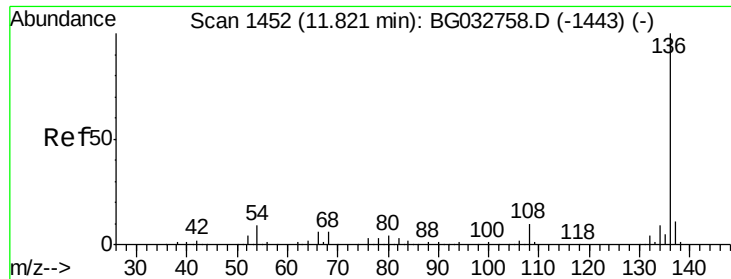
Tot Ion: 70 Resp: 122952  
Ion Ratio Lower Upper  
70 100  
42 69.6 49.1 73.7  
101 10.0 8.5 12.7  
130 21.7 13.4 20.0#



#20  
3+4-Methylphenols  
Concen: 41.801 ng  
RT: 9.67 min Scan# 1087  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion:107 Resp: 198835  
Ion Ratio Lower Upper  
107 100  
108 87.0 61.6 101.6  
77 31.5 13.9 53.9  
79 28.4 8.8 48.8

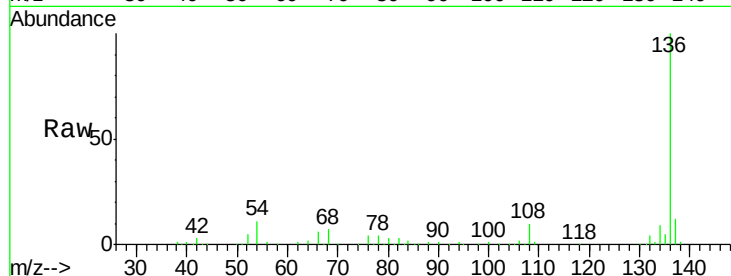




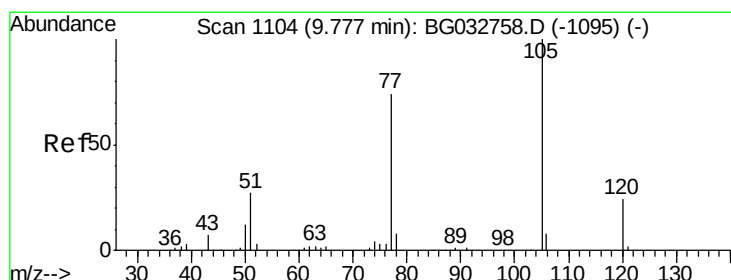
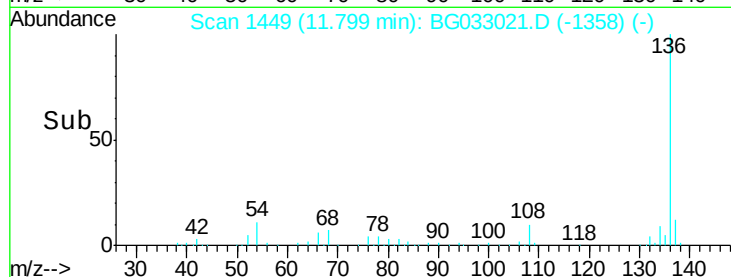
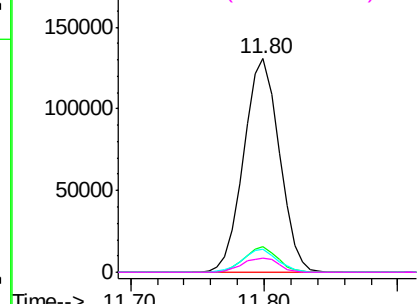
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.80 min Scan# 1449  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 241166    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 12.1  | 9.2 13.8  |
| 54          | 10.8  | 10.3 15.5 |
| 68          | 6.6   | 4.5 6.7   |

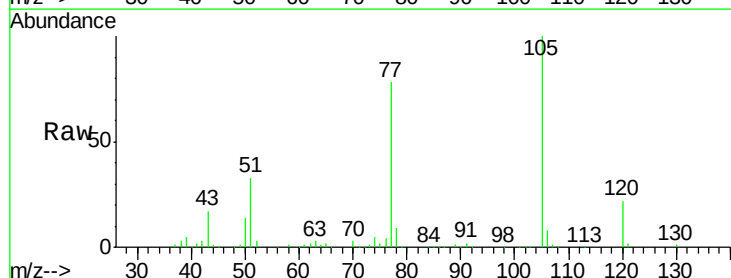


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

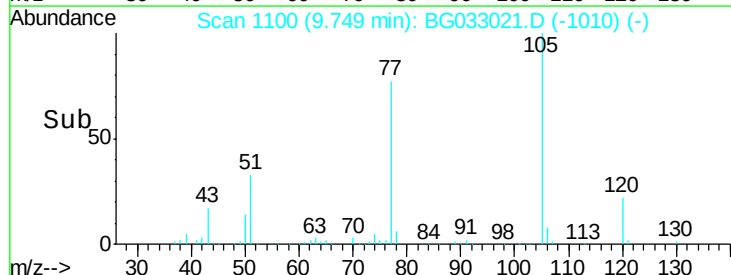
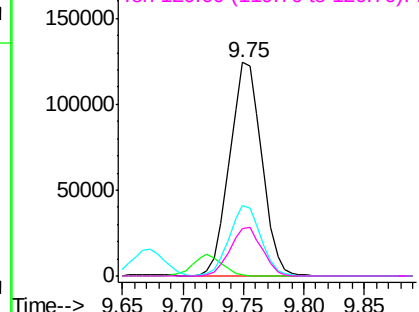


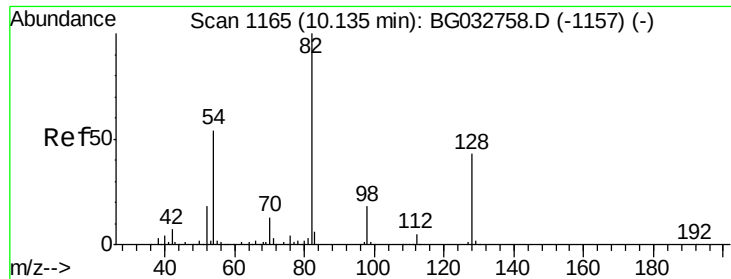
#22  
Acetophenone  
Concen: 37.657 ng  
RT: 9.75 min Scan# 1100  
Delta R.T. -0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 229354    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.5   | 3.0 4.4#  |
| 51          | 32.9  | 26.1 39.1 |
| 120         | 22.4  | 17.4 26.2 |



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

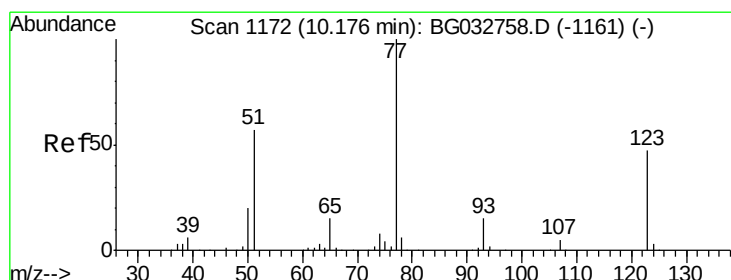
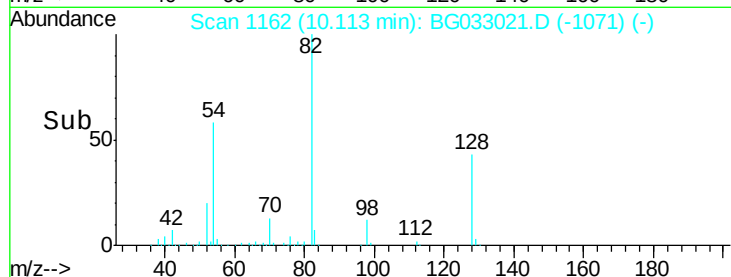
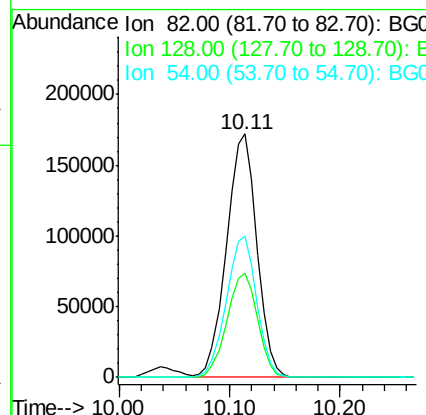
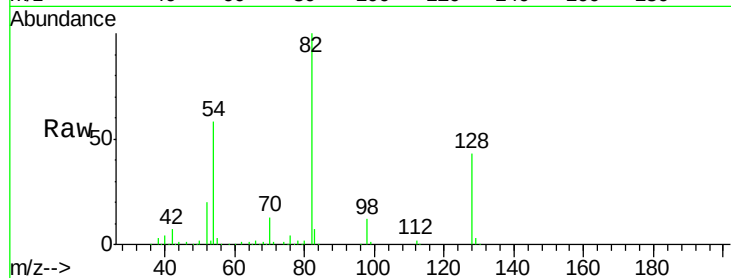




#23  
 Nitrobenzene-d5  
 Concen: 93.858 ng  
 RT: 10.11 min Scan# 1162  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

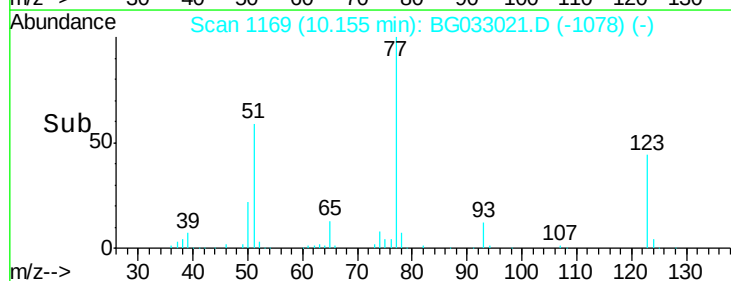
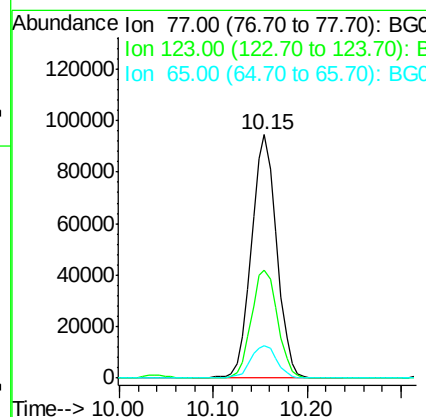
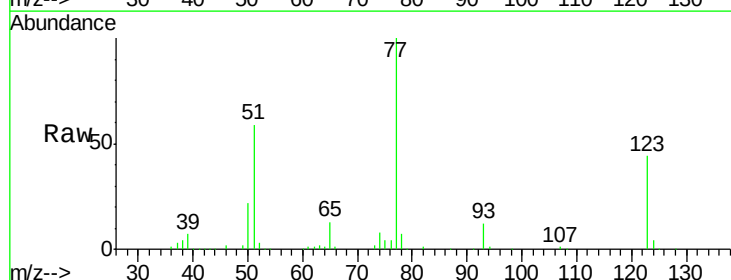
Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion: 82 Resp: 330246  
 Ion Ratio Lower Upper  
 82 100  
 128 42.8 29.7 44.5  
 54 58.1 43.1 64.7

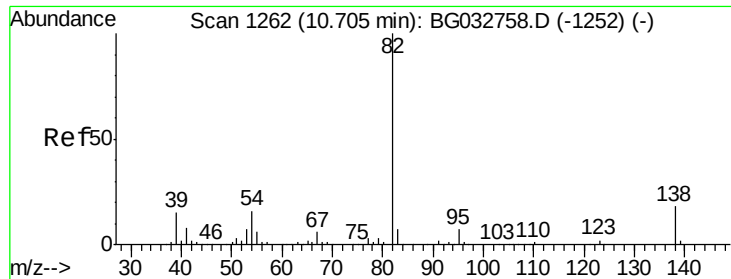


#24  
 Nitrobenzene  
 Concen: 45.925 ng  
 RT: 10.15 min Scan# 1169  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Tgt Ion: 77 Resp: 175404  
 Ion Ratio Lower Upper  
 77 100  
 123 44.4 33.0 49.6  
 65 13.1 13.0 19.6







#25

Isophorone

Concen: 40.186 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

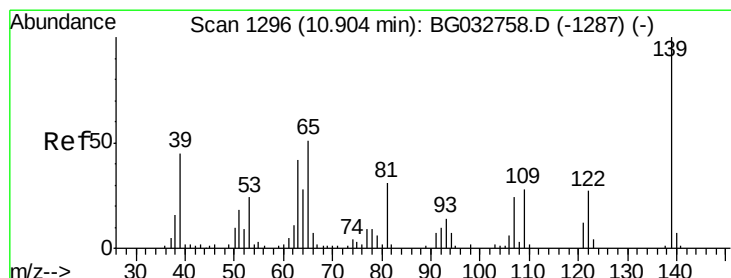
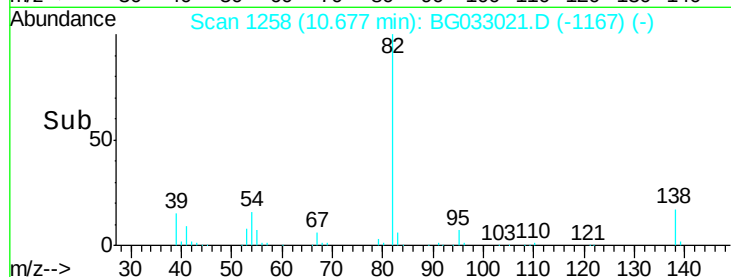
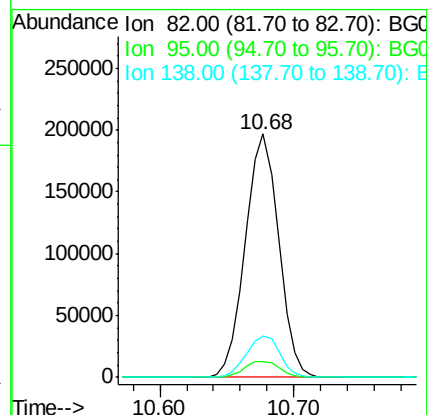
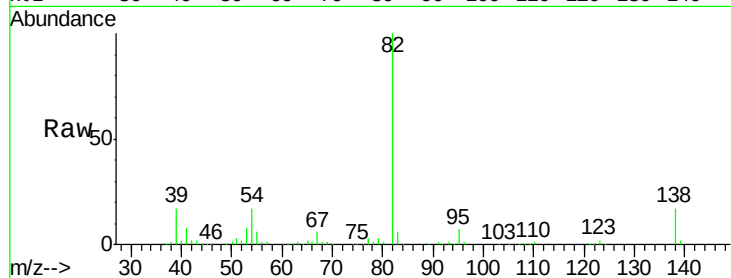
Tot Ion: 82 Resp: 340162

Ion Ratio Lower Upper

82 100

95 6.7 6.2 9.2

138 16.9 12.1 18.1



#26

2-Nitrophenol

Concen: 58.225 ng

RT: 10.88 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

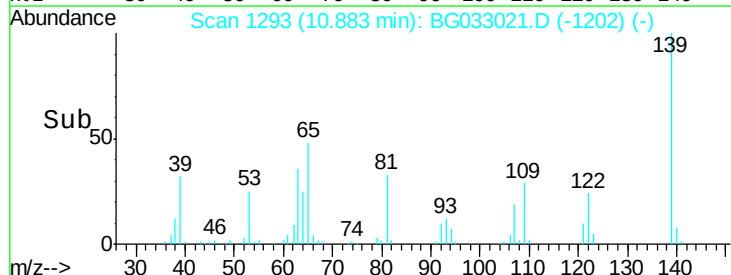
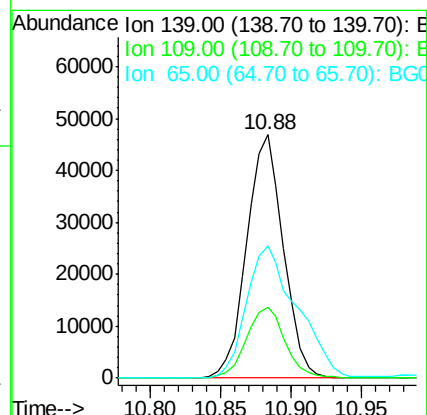
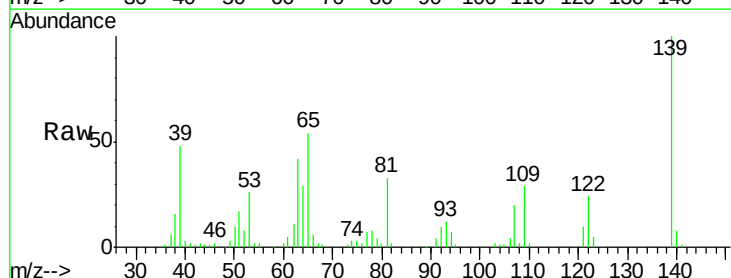
Tgt Ion: 139 Resp: 85162

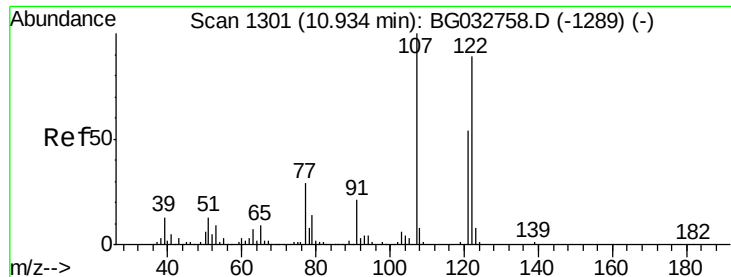
Ion Ratio Lower Upper

139 100

109 28.9 24.2 36.2

65 54.2 47.4 71.0

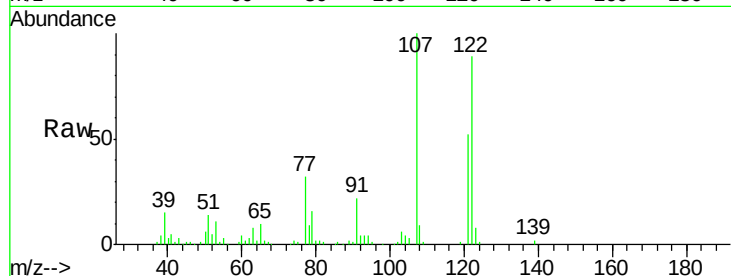




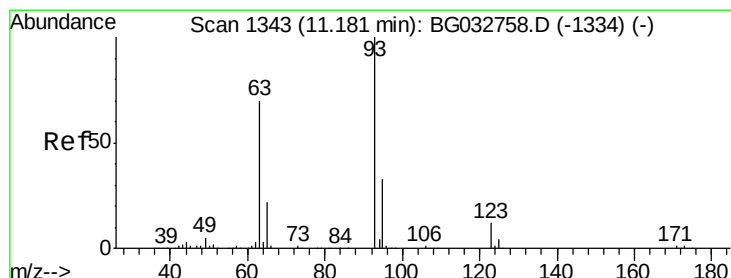
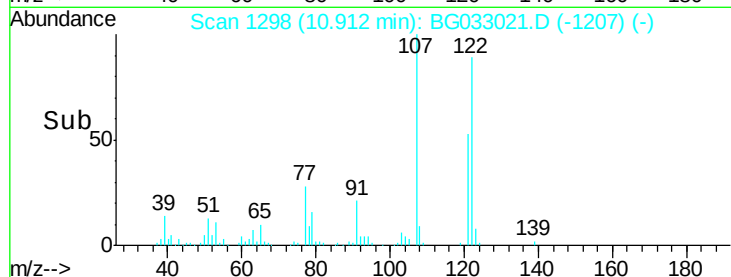
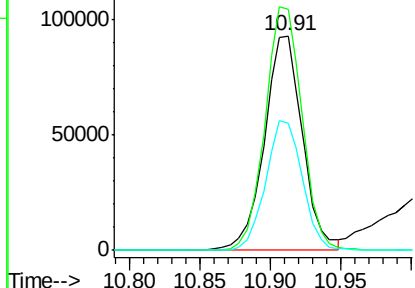
#27  
2,4-Dimethylphenol  
Concen: 47.770 ng  
RT: 10.91 min Scan# 1298  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:122 Resp: 175661  
Ion Ratio Lower Upper  
122 100  
107 112.7 100.2 150.2  
121 59.1 44.4 66.6

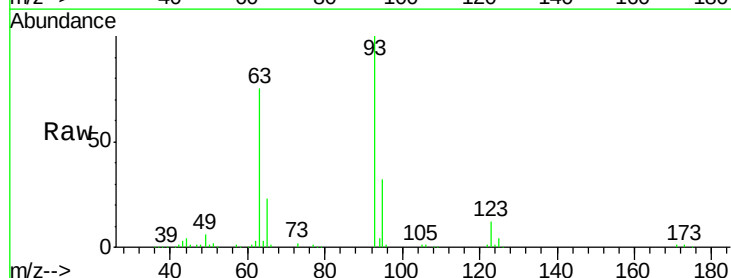


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

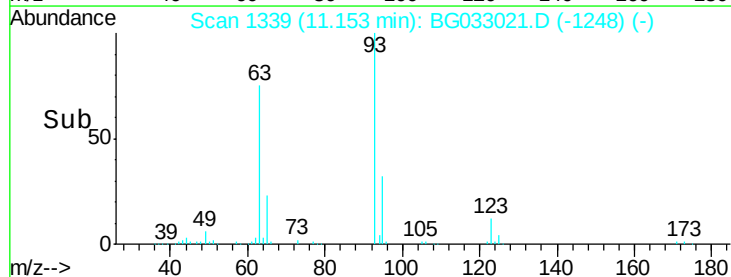
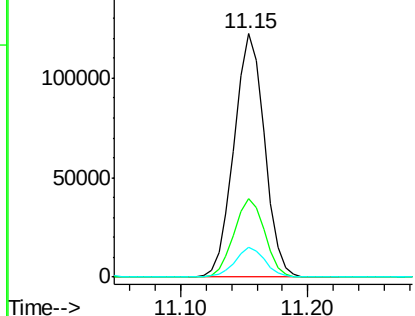


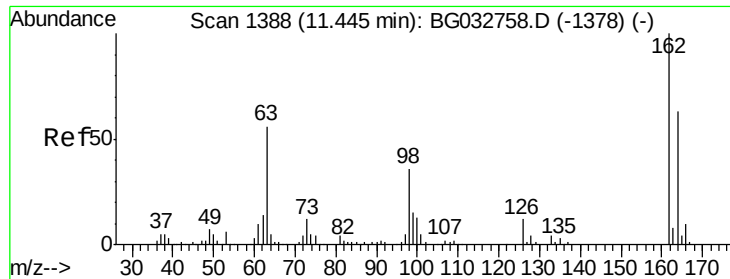
#28  
bis(2-Chloroethoxy)methane  
Concen: 41.137 ng  
RT: 11.15 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion: 93 Resp: 202858  
Ion Ratio Lower Upper  
93 100  
95 32.0 24.3 36.5  
123 12.3 8.4 12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.702 ng

RT: 11.42 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

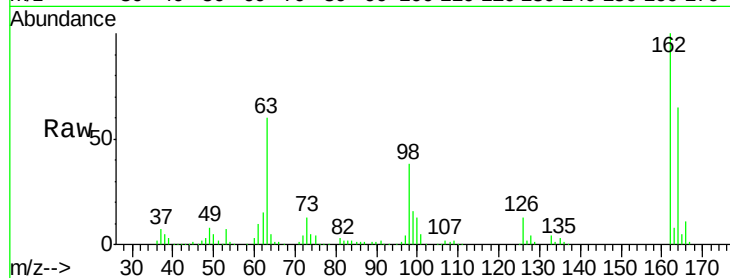
Tot Ion:162 Resp: 155862

Ion Ratio Lower Upper

162 100

164 65.5 48.0 88.0

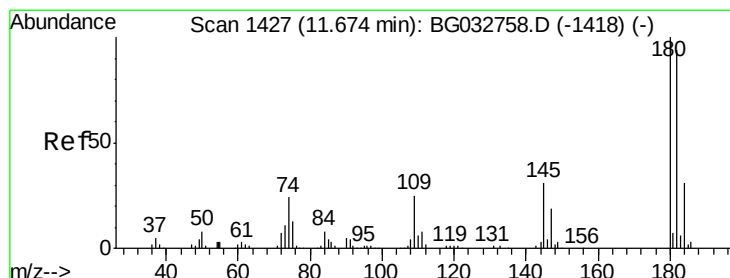
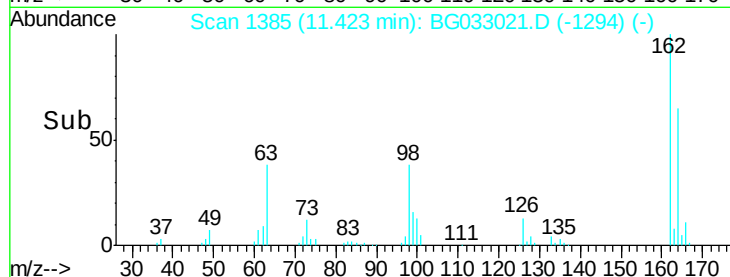
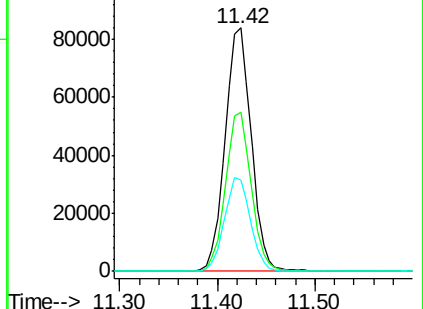
98 37.6 21.1 61.1



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: 36.659 ng

RT: 11.65 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

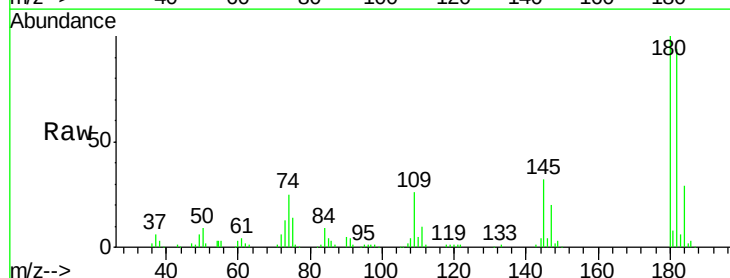
Tgt Ion:180 Resp: 143415

Ion Ratio Lower Upper

180 100

182 93.9 77.5 116.3

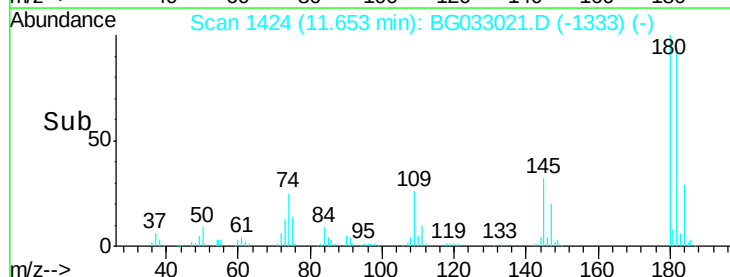
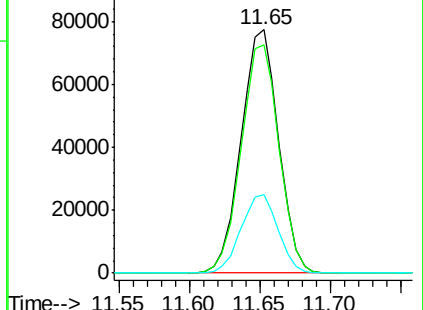
145 32.5 23.4 35.2

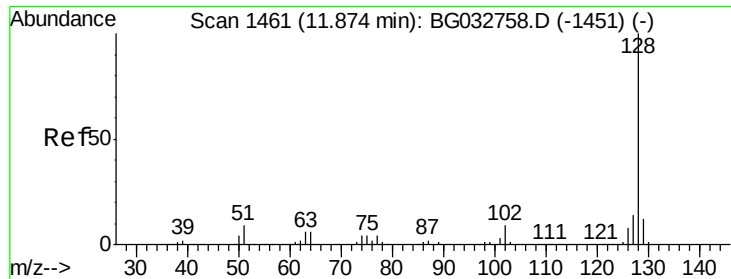


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

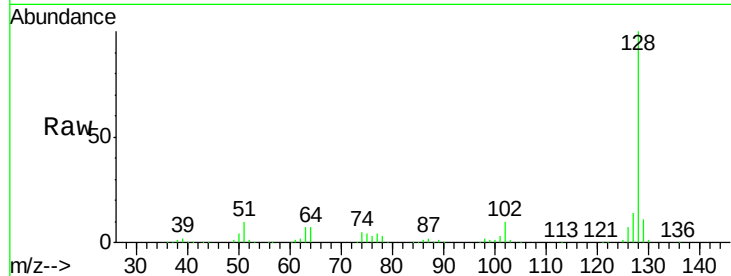




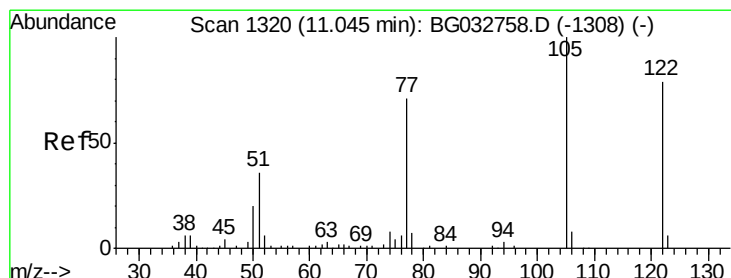
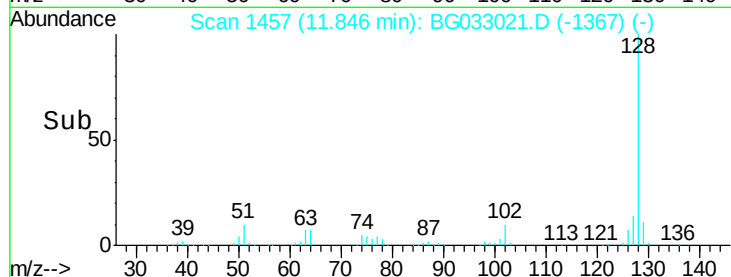
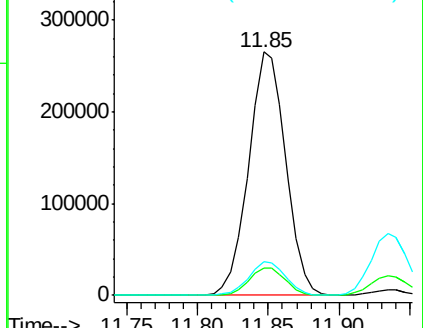
#31  
Naphthalene  
Concen: 38.765 ng  
RT: 11.85 min Scan# 1457  
Delta R.T. -0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 488508  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.6 12.8  
127 14.0 11.6 17.4

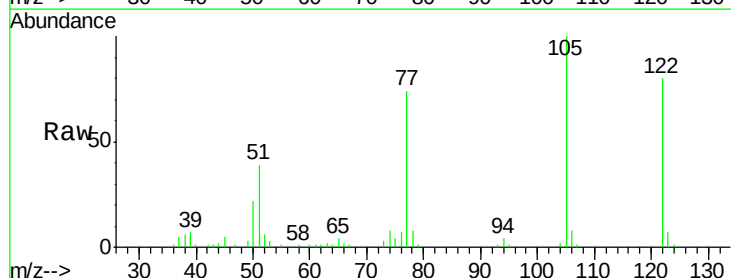


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

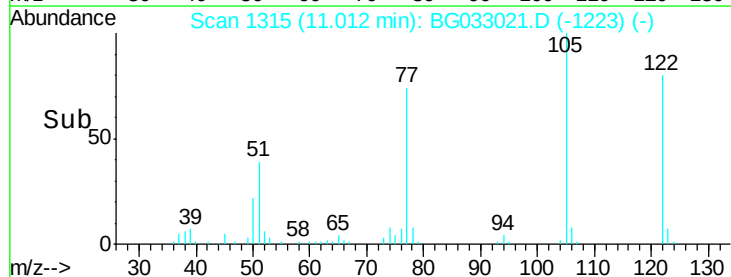
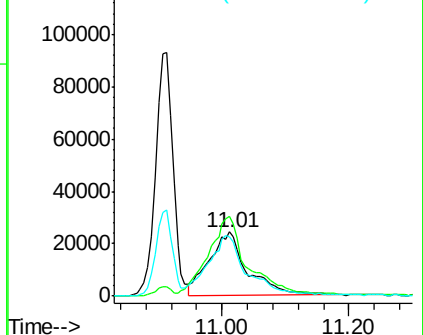


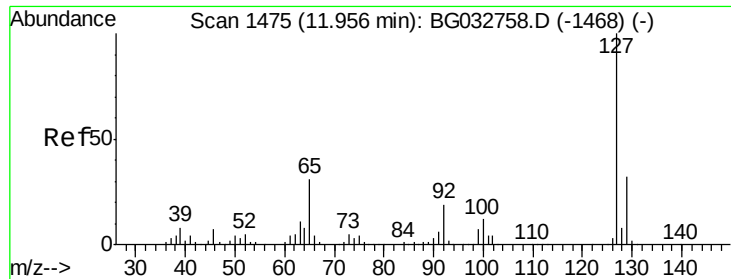
#32  
Benzoic acid  
Concen: 45.592 ng  
RT: 11.01 min Scan# 1315  
Delta R.T. 0.01 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion:122 Resp: 102012  
Ion Ratio Lower Upper  
122 100  
105 124.8 123.5 163.5  
77 92.1 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

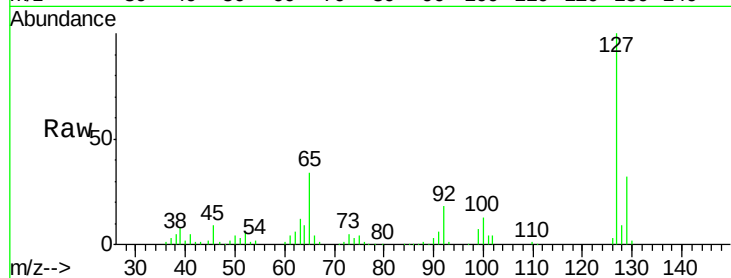




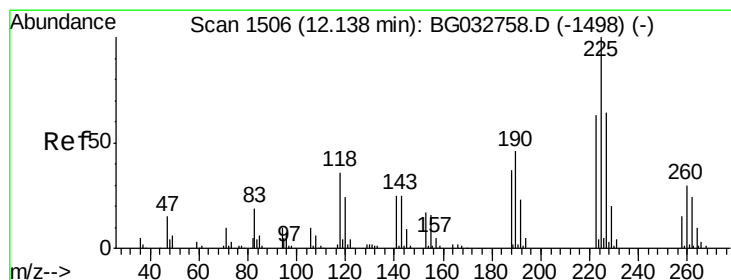
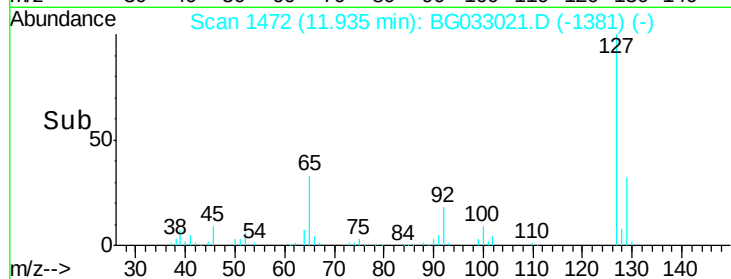
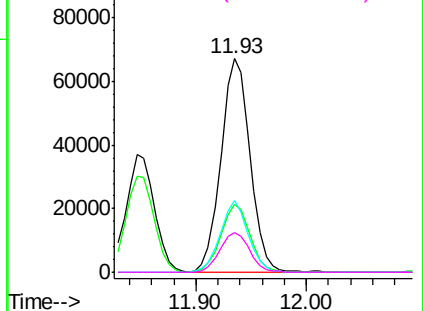
#33  
 4-Chloroaniline  
 Concen: 21.918 ng  
 RT: 11.93 min Scan# 1472  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Instrument :  
 BNA\_G  
 ClientSampleID :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 123500 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 24.0  | 36.0   |
| 65       | 33.5  | 27.0  | 40.4   |
| 92       | 18.4  | 16.6  | 25.0   |

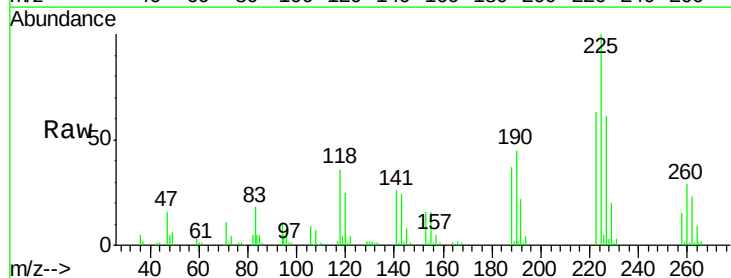


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BG  
 Ion 92.00 (91.70 to 92.70): BG

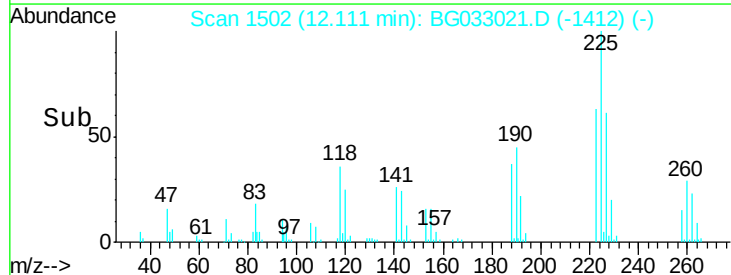
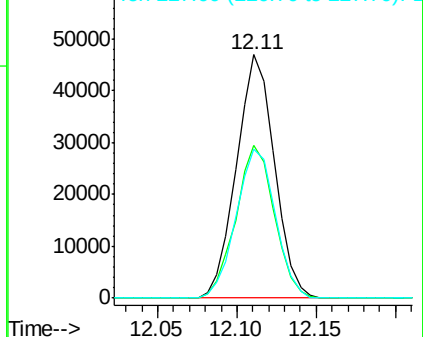


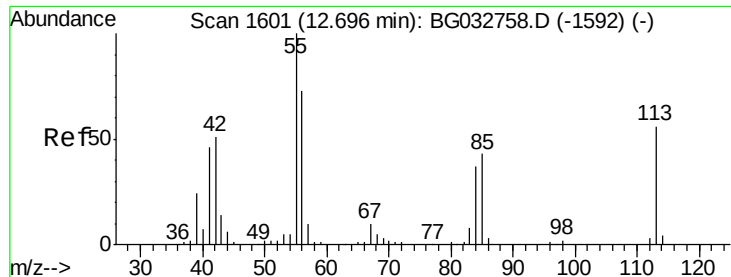
#34  
 Hexachlorobutadiene  
 Concen: 35.577 ng  
 RT: 12.11 min Scan# 1502  
 Delta R.T. -0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 78070 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.9  | 49.7  | 74.5  |
| 227      | 61.4  | 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

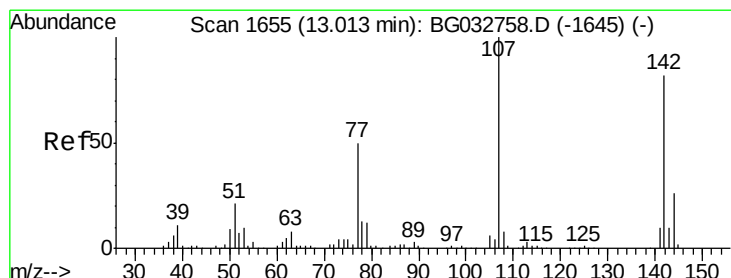
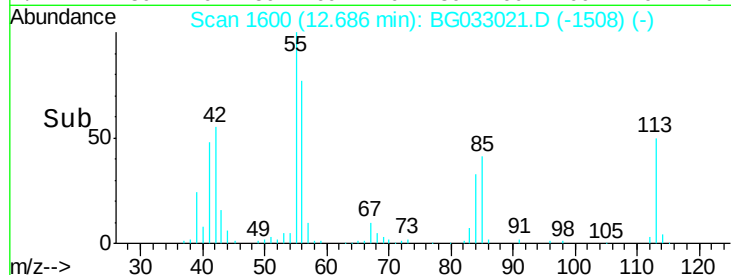
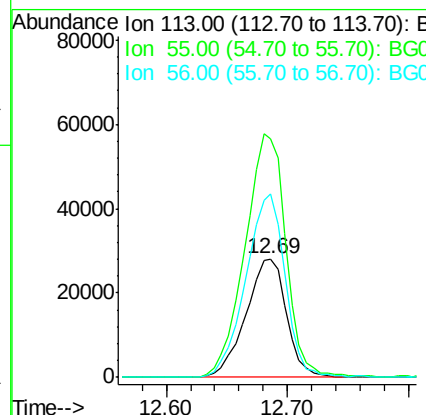
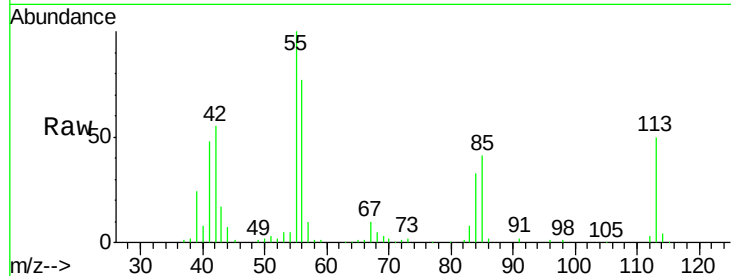




#35  
 Caprolactam  
 Concen: 49.193 ng  
 RT: 12.69 min Scan# 1600  
 Delta R.T. 0.01 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

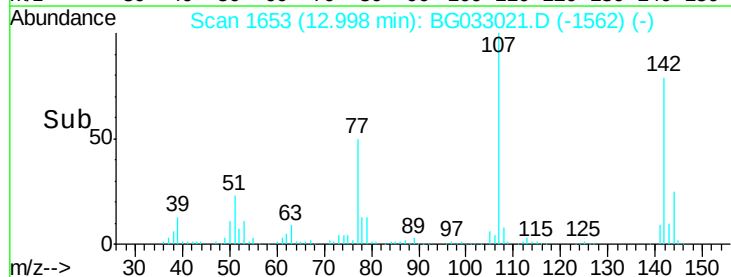
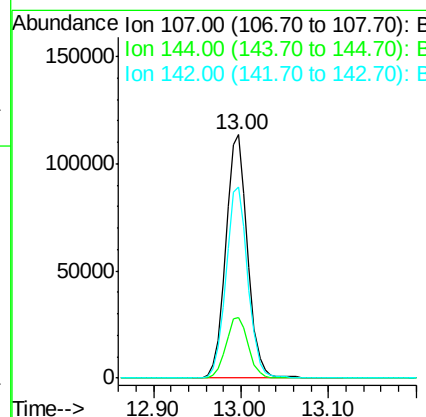
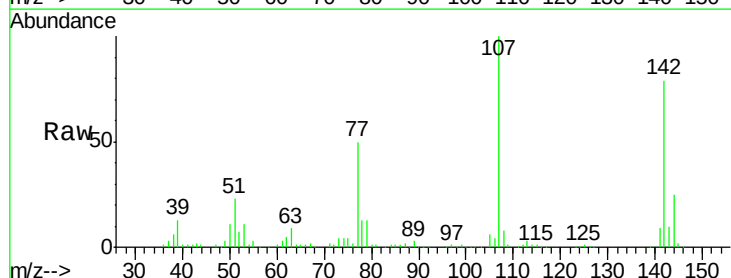
Instrument :  
 BNA\_G  
 ClientSampleId :

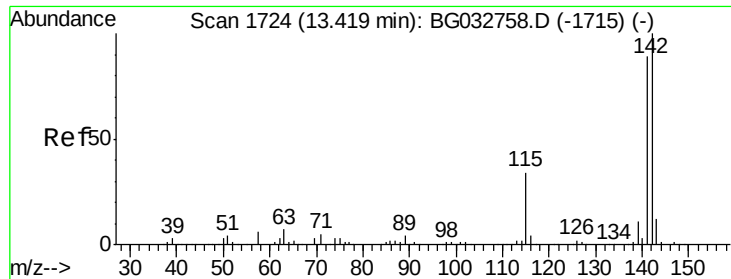
Tot Ion:113 Resp: 65739  
 Ion Ratio Lower Upper  
 113 100  
 55 201.7 186.9 226.9  
 56 154.7 130.9 170.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 50.170 ng  
 RT: 13.00 min Scan# 1653  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Tgt Ion:107 Resp: 194848  
 Ion Ratio Lower Upper  
 107 100  
 144 25.0 18.2 27.4  
 142 78.6 59.0 88.4

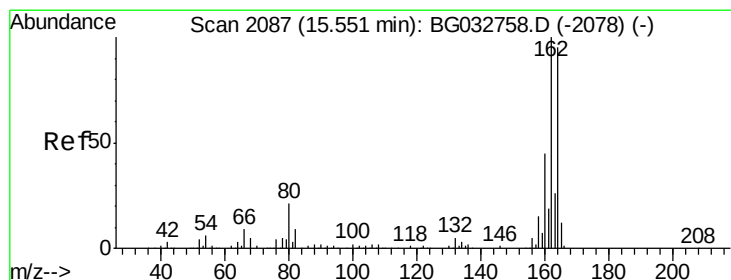
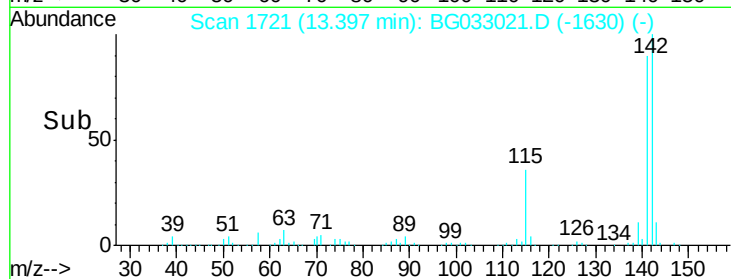
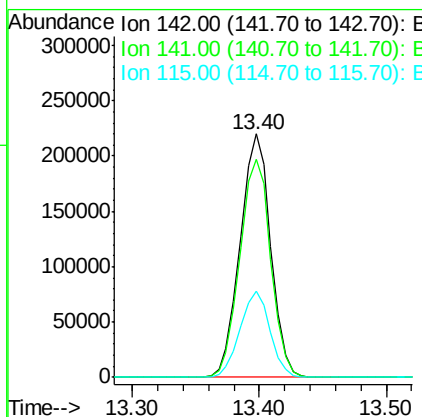
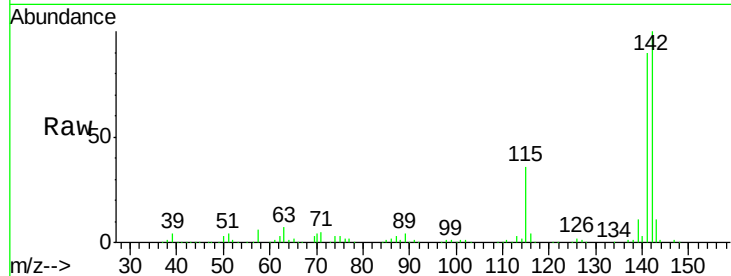




#37  
 2-Methylnaphthalene  
 Concen: 40.123 ng  
 RT: 13.40 min Scan# 1721  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

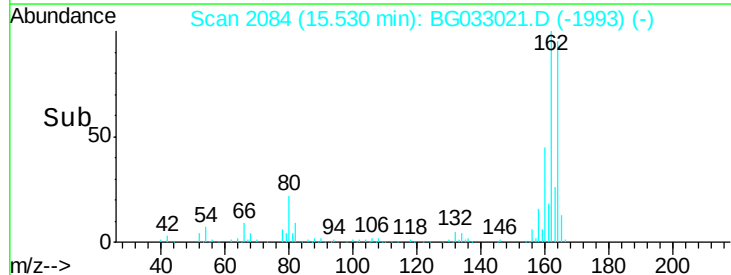
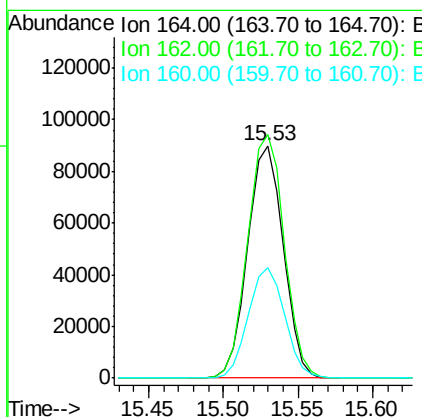
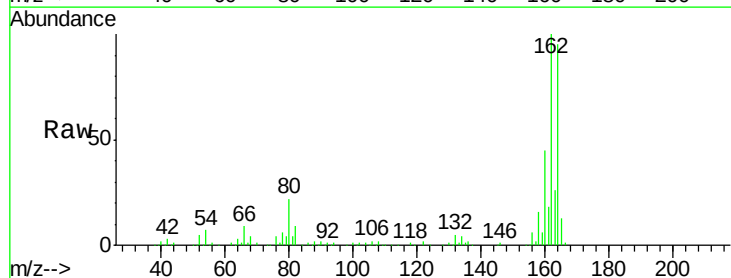
Instrument :  
 BNA\_G  
 ClientSampled :

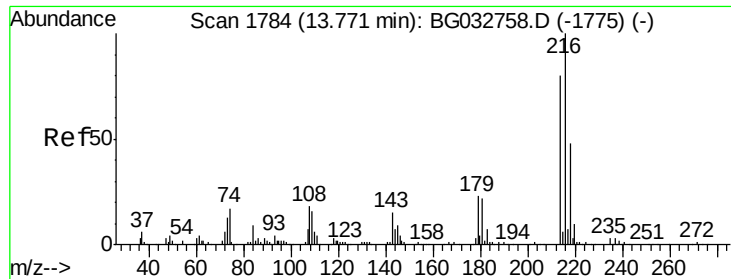
Tot Ion:142 Resp: 365808  
 Ion Ratio Lower Upper  
 142 100  
 141 89.7 67.1 100.7  
 115 35.5 30.7 46.1



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.53 min Scan# 2084  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Tgt Ion:164 Resp: 148122  
 Ion Ratio Lower Upper  
 164 100  
 162 104.7 78.8 118.2  
 160 47.3 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.096 ng

RT: 13.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG033021.D

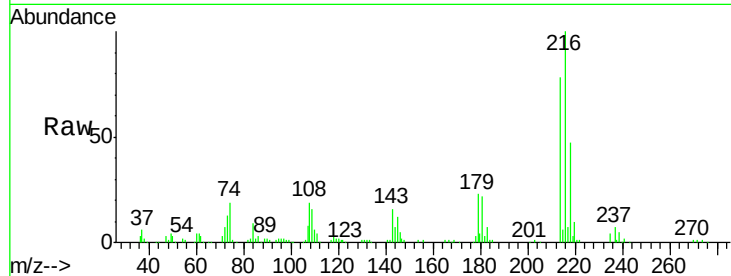
Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 154317 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.7  | 63.0  | 94.4   |
| 179      | 23.3  | 17.0  | 25.6   |
| 108      | 22.9  | 12.8  | 19.2#  |

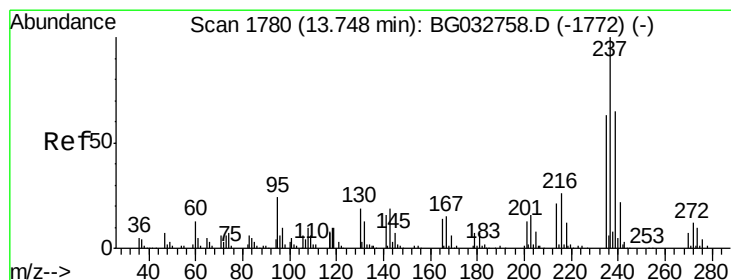
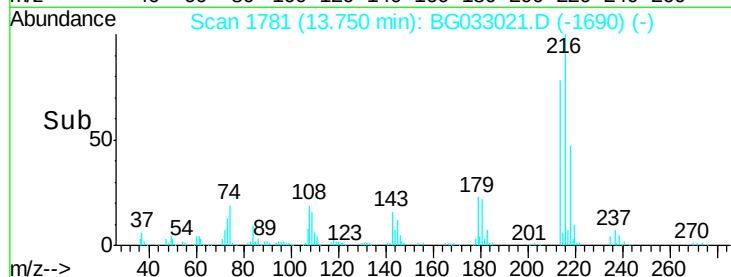
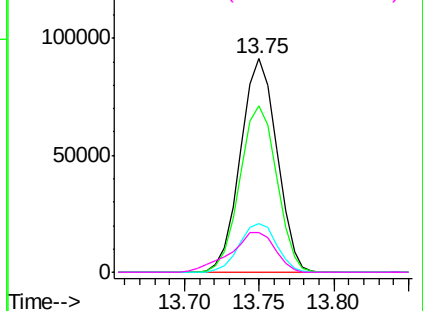


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.212 ng

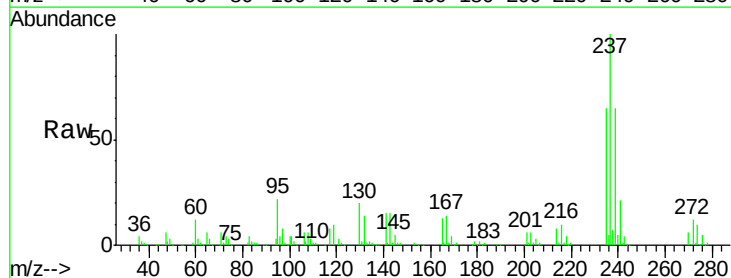
RT: 13.73 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

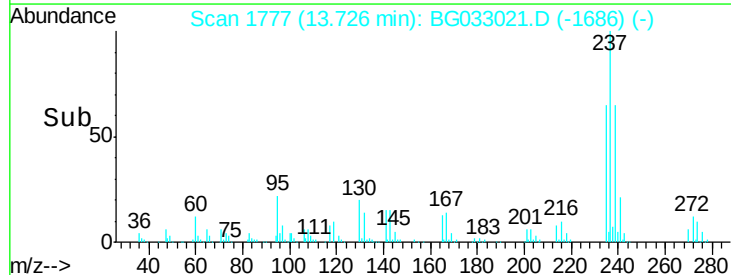
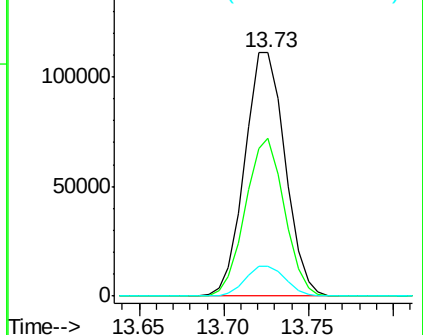
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 184228 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 64.7  | 50.4  | 90.4   |
| 272      | 12.2  | 0.0   | 31.8   |



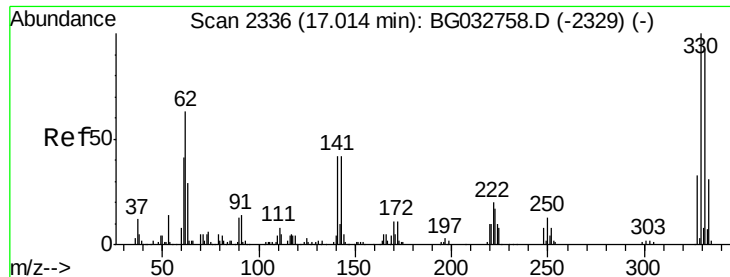
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







#41

2,4,6-Tribromophenol

Concen: 90.791 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampled :

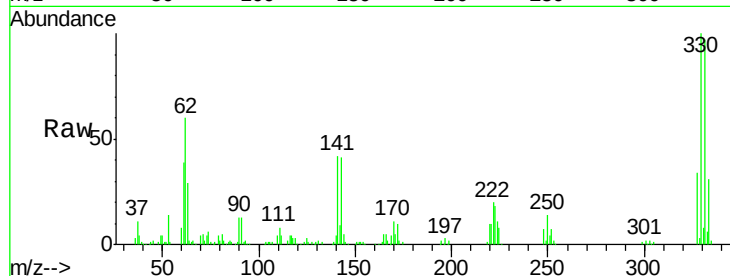
Tot Ion:330 Resp: 141402

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

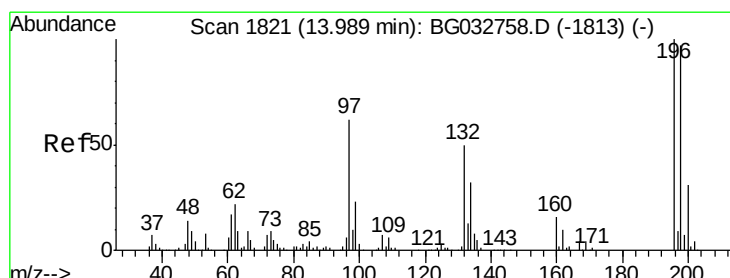
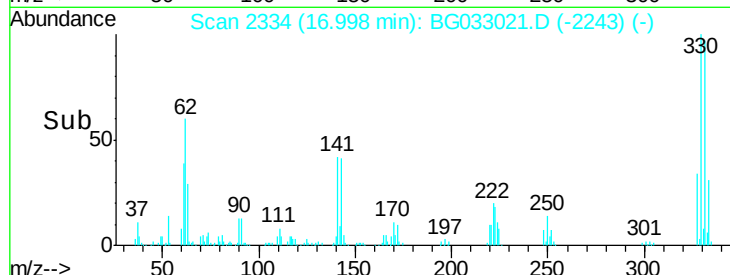
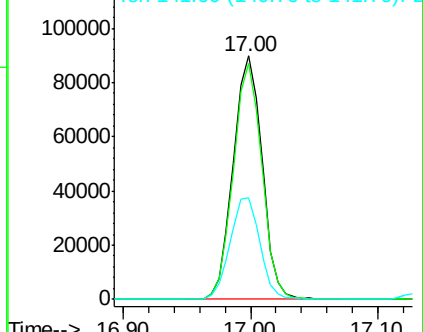
141 43.2 25.2 37.8#



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: 44.433 ng

RT: 13.97 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

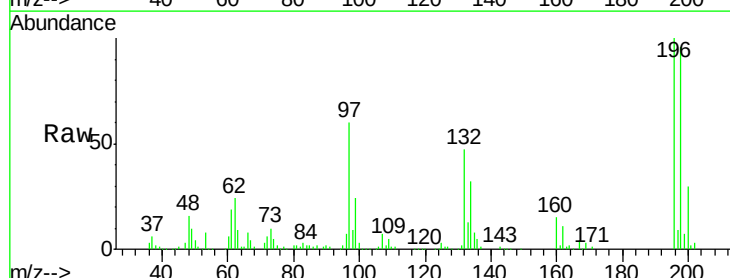
Tgt Ion:196 Resp: 123209

Ion Ratio Lower Upper

196 100

198 95.7 78.2 117.2

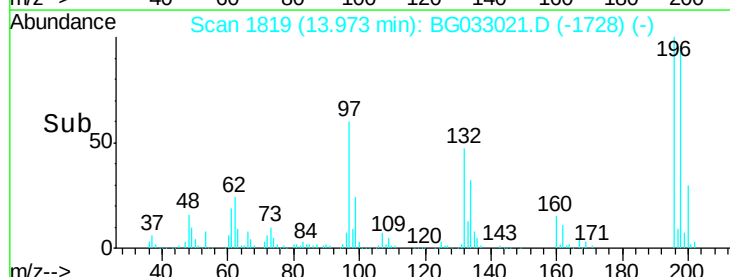
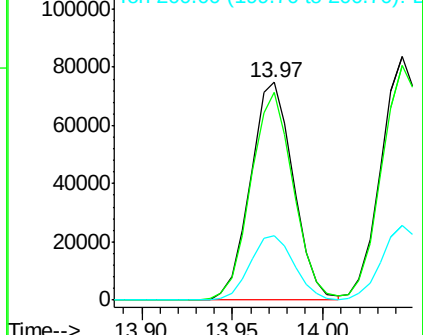
200 29.8 24.6 36.8

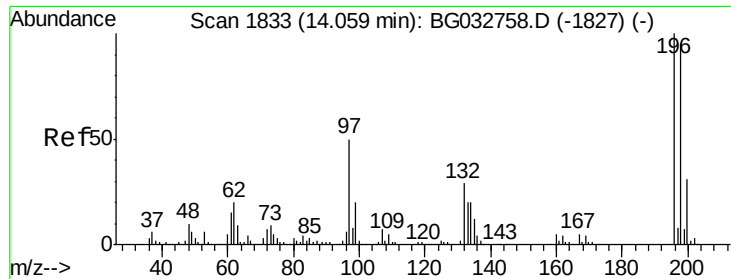


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

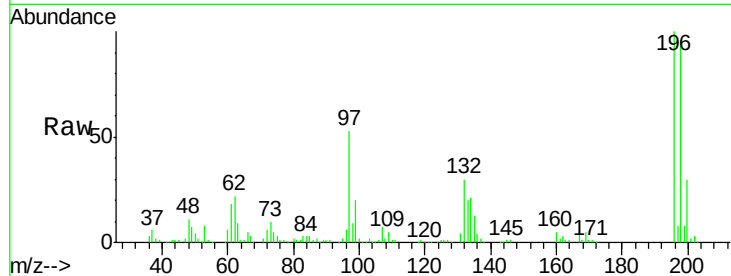




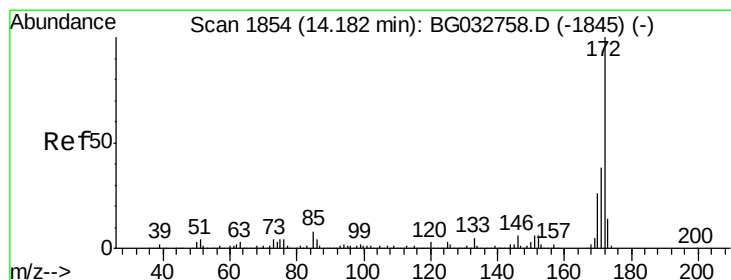
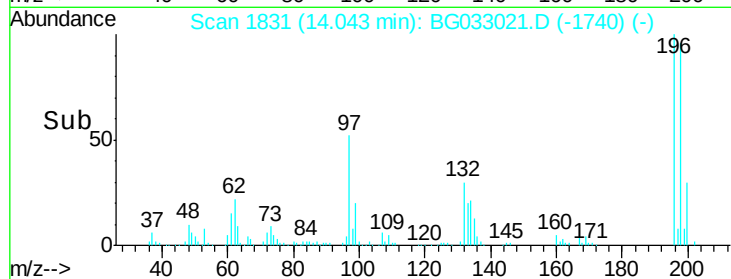
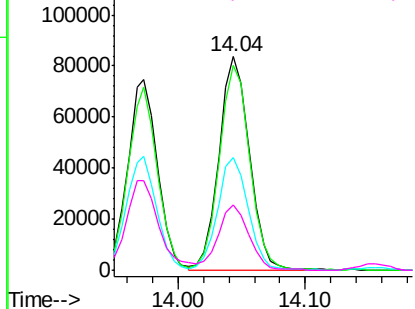
#43  
 2,4,5-Trichlorophenol  
 Concen: 43.158 ng  
 RT: 14.04 min Scan# 1831  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:196 Resp: 138510  
 Ion Ratio Lower Upper  
 196 100  
 198 96.1 76.2 114.4  
 97 52.8 38.7 58.1  
 132 30.4 20.2 30.2#

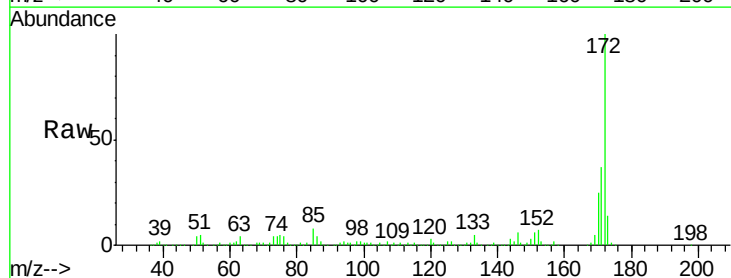


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

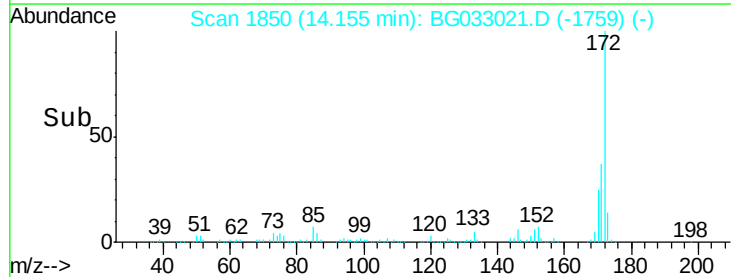
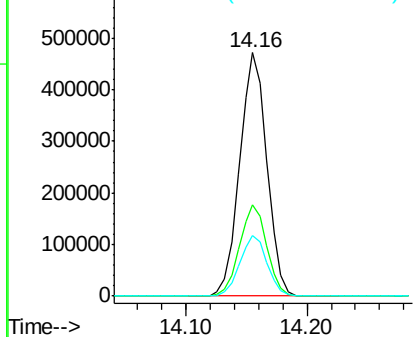


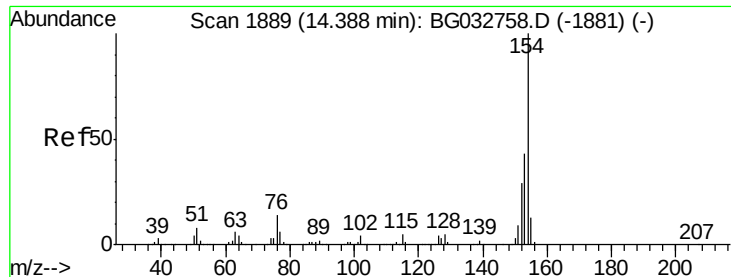
#44  
 2-Fluorobiphenyl  
 Concen: 71.845 ng  
 RT: 14.16 min Scan# 1850  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Tgt Ion:172 Resp: 737858  
 Ion Ratio Lower Upper  
 172 100  
 171 37.5 30.0 45.0  
 170 25.1 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: 35.956 ng

RT: 14.37 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

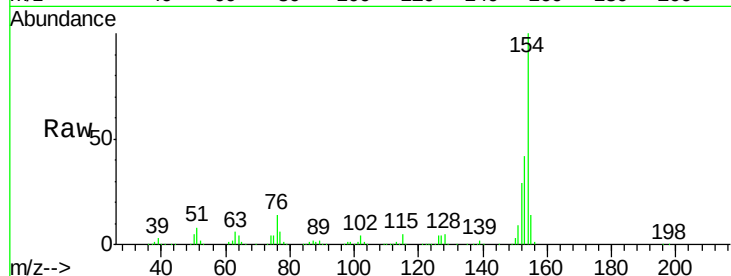
Tot Ion:154 Resp: 465400

Ion Ratio Lower Upper

154 100

153 42.1 19.8 59.8

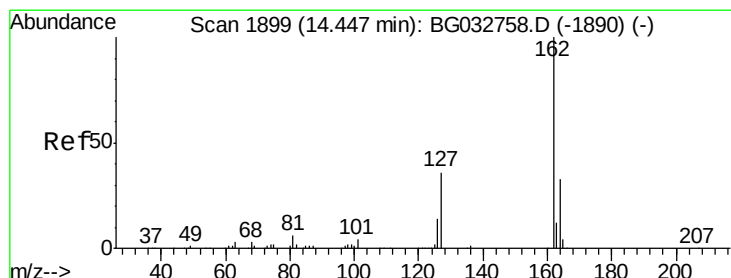
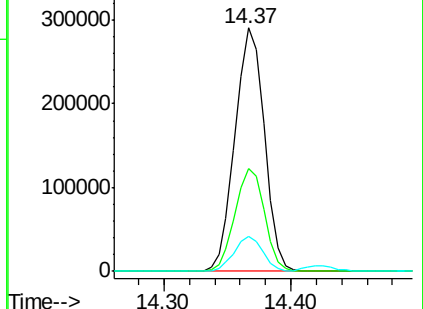
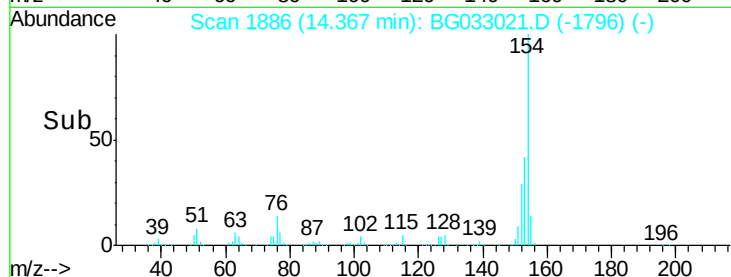
76 14.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 36.941 ng

RT: 14.43 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

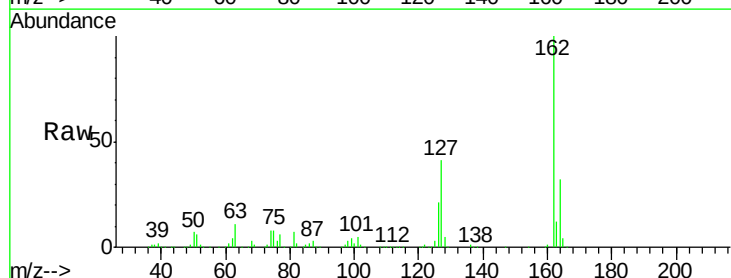
Tgt Ion:162 Resp: 357175

Ion Ratio Lower Upper

162 100

127 41.4 30.7 46.1

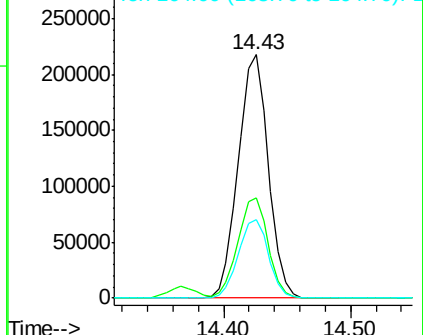
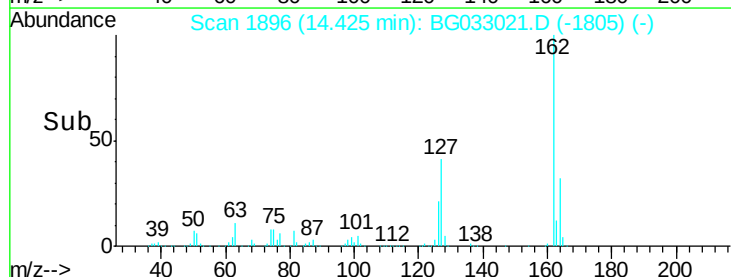
164 32.3 26.0 39.0

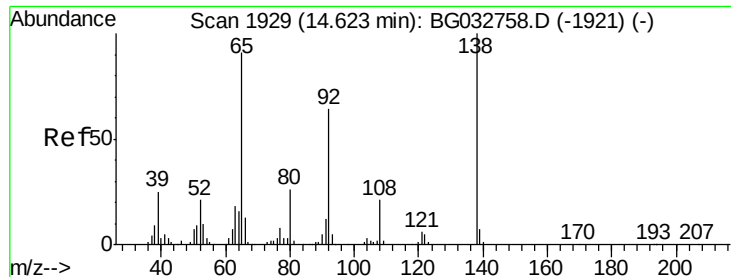


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

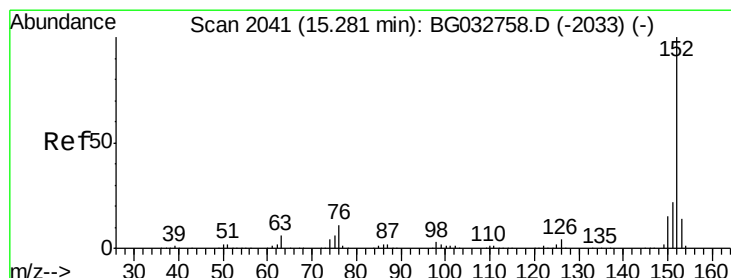
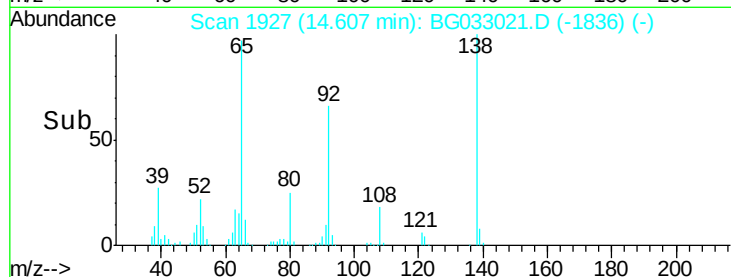
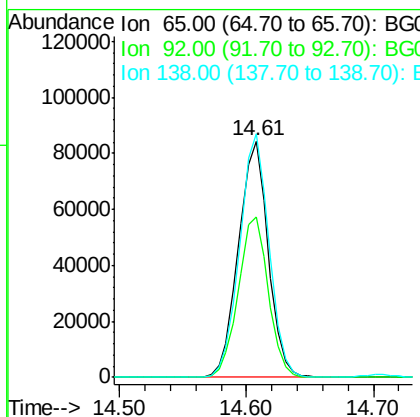
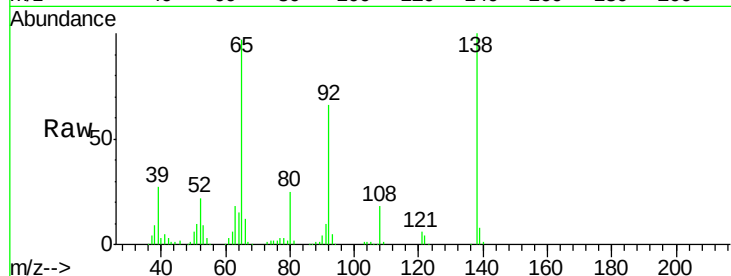




#47  
2-Nitroaniline  
Concen: 54.470 ng  
RT: 14.61 min Scan# 1927  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

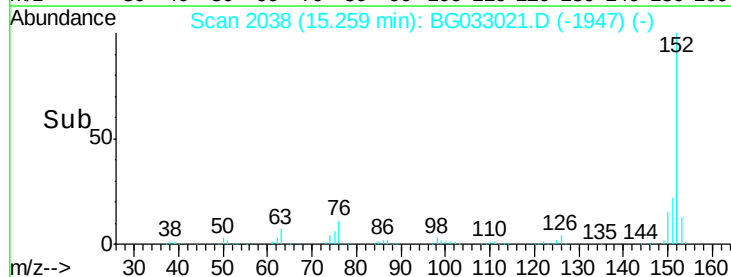
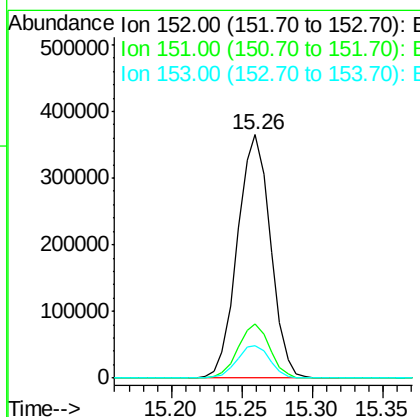
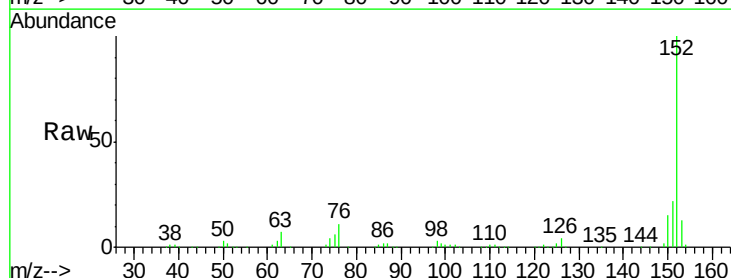
Instrument :  
BNA\_G  
ClientSampled :

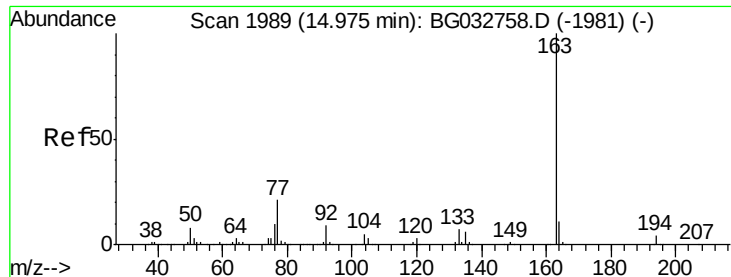
Tot Ion: 65 Resp: 136887  
Ion Ratio Lower Upper  
65 100  
92 67.8 54.6 82.0  
138 103.0 72.9 109.3



#48  
Acenaphthylene  
Concen: 37.708 ng  
RT: 15.26 min Scan# 2038  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion: 152 Resp: 596911  
Ion Ratio Lower Upper  
152 100  
151 22.1 17.2 25.8  
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 38.740 ng

RT: 14.95 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

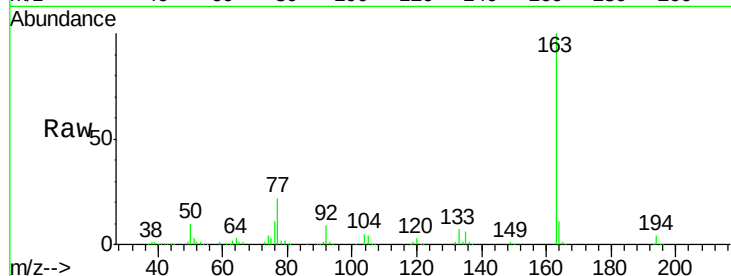
Tot Ion:163 Resp: 487225

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

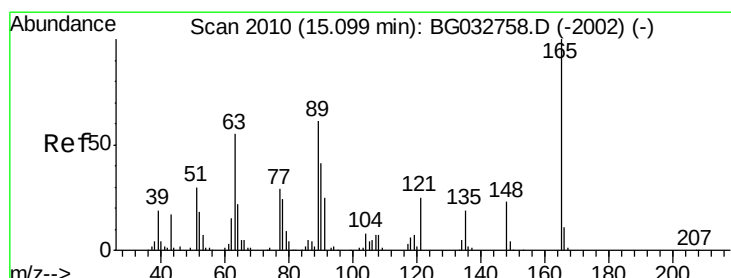
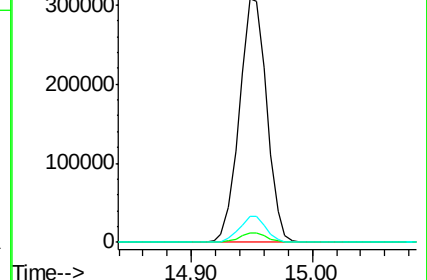
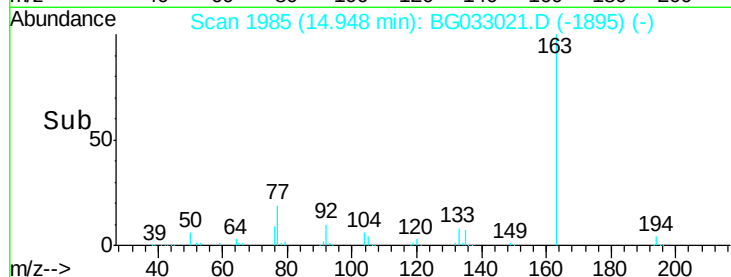
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.354 ng

RT: 15.08 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

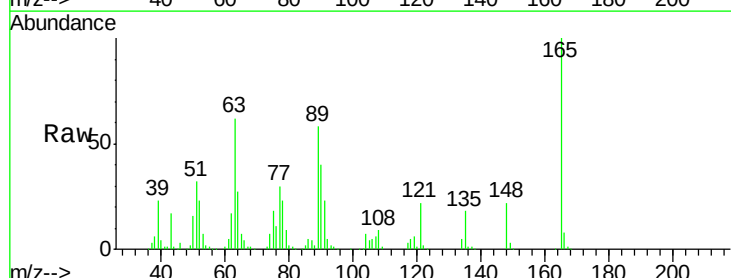
Tgt Ion:165 Resp: 111046

Ion Ratio Lower Upper

165 100

63 62.2 52.7 79.1

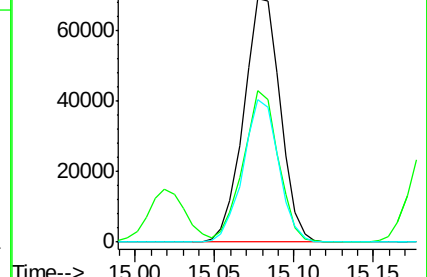
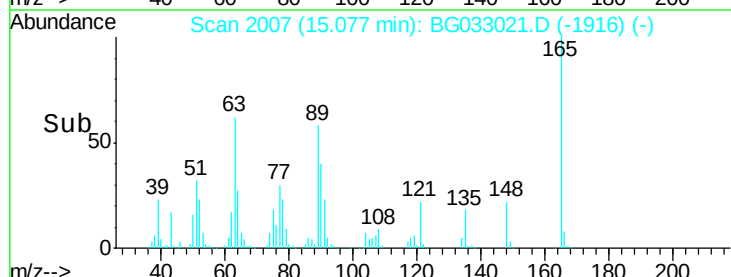
89 58.5 49.2 73.8

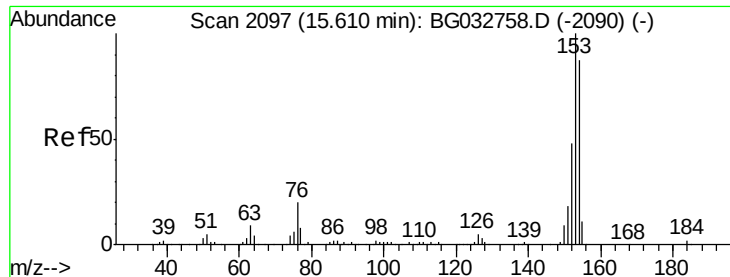


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 40.317 ng

RT: 15.59 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

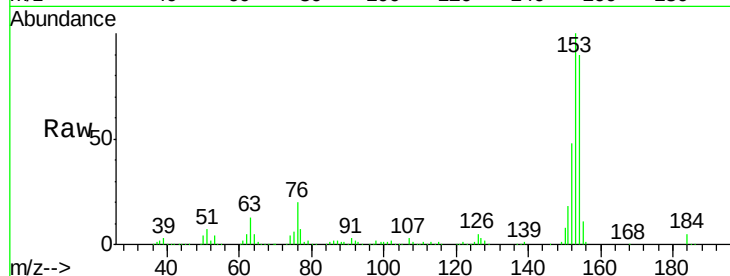
Tot Ion:154 Resp: 397471

Ion Ratio Lower Upper

154 100

153 111.2 90.4 135.6

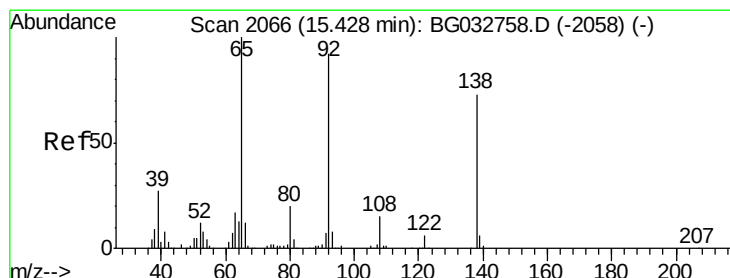
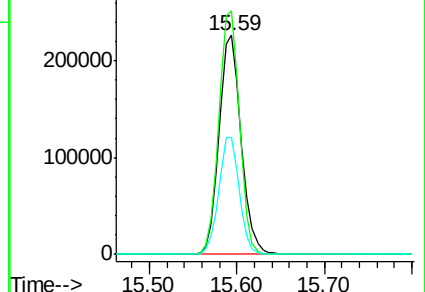
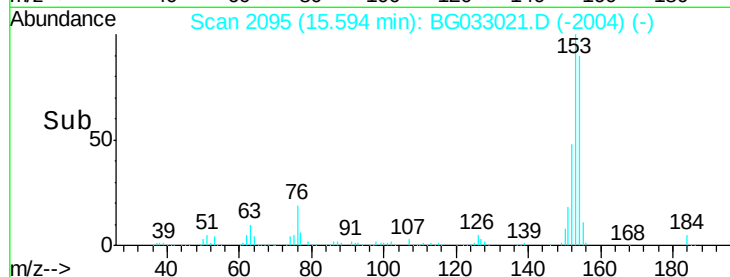
152 53.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.425 ng

RT: 15.41 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

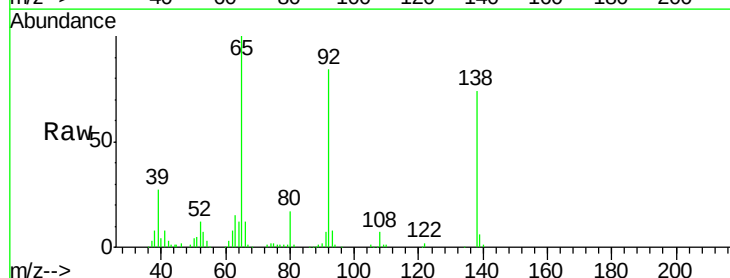
Tgt Ion:138 Resp: 82136

Ion Ratio Lower Upper

138 100

108 9.9 17.5 26.3#

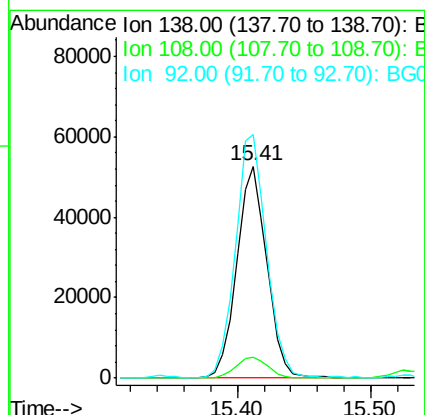
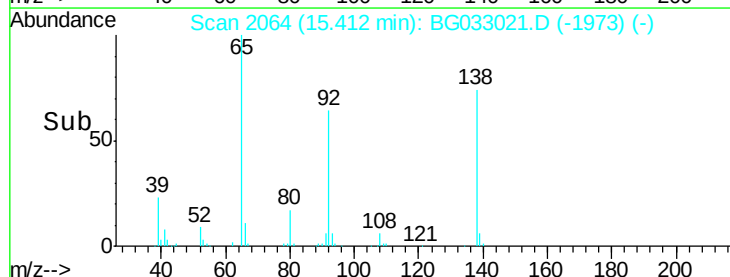
92 114.7 105.8 158.8

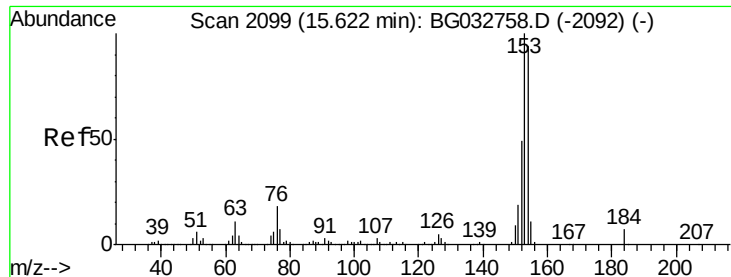


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

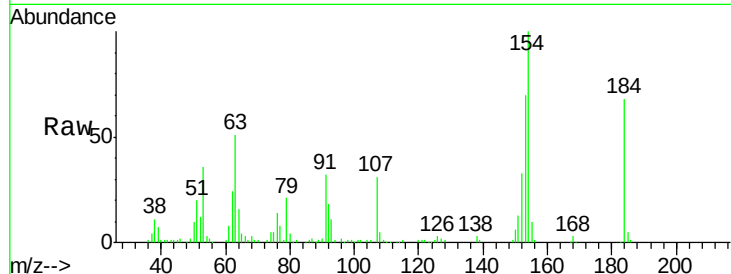




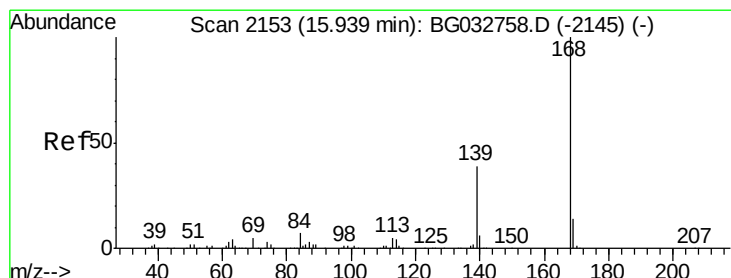
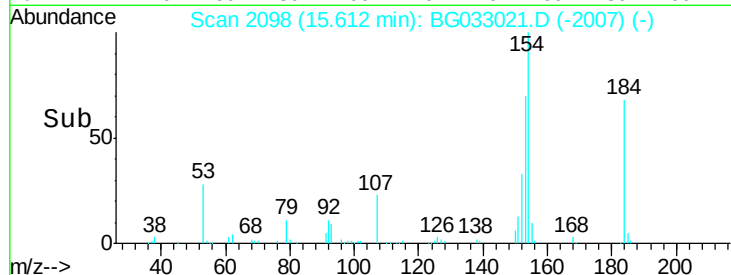
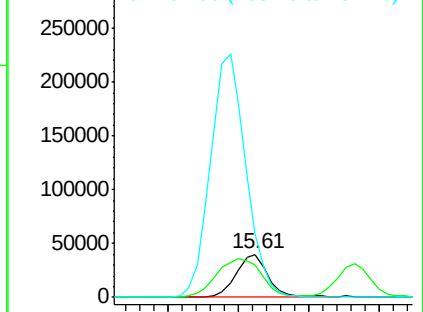
#53  
 2,4-Dinitrophenol  
 Concen: 91.514 ng  
 RT: 15.61 min Scan# 2098  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:184 Resp: 63504  
 Ion Ratio Lower Upper  
 184 100  
 63 75.4 59.8 89.8  
 154 147.0 101.8 152.8

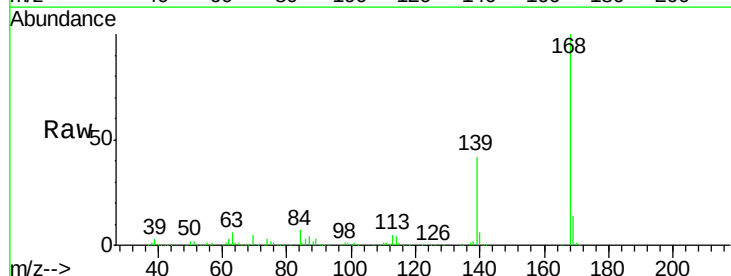


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 154.00 (153.70 to 154.70): E

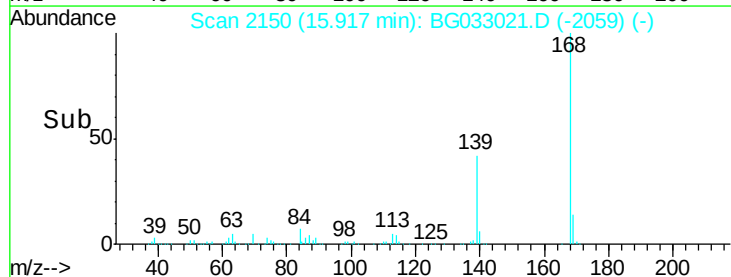
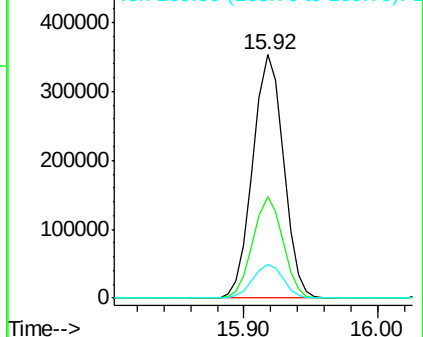


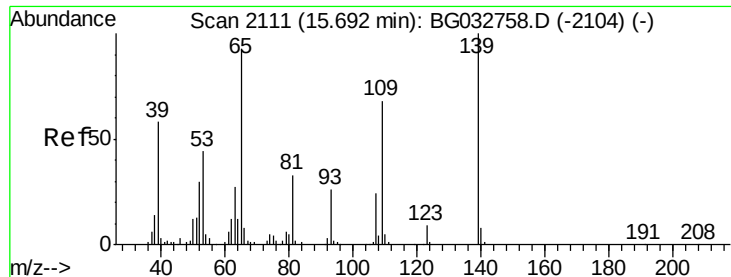
#54  
 Dibenzofuran  
 Concen: 40.034 ng  
 RT: 15.92 min Scan# 2150  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Tgt Ion:168 Resp: 561975  
 Ion Ratio Lower Upper  
 168 100  
 139 41.7 28.6 43.0  
 169 13.8 11.2 16.8



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





#55

4-Nitrophenol

Concen: 87.413 ng

RT: 15.68 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

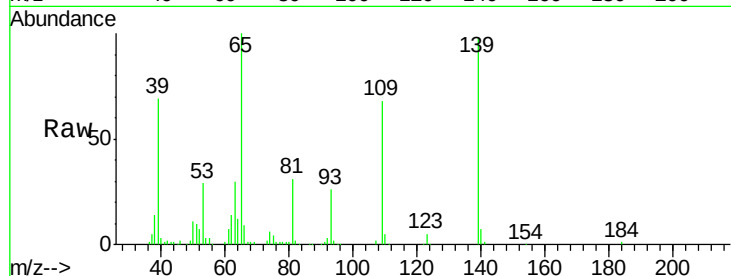
Tot Ion:139 Resp: 181514

Ion Ratio Lower Upper

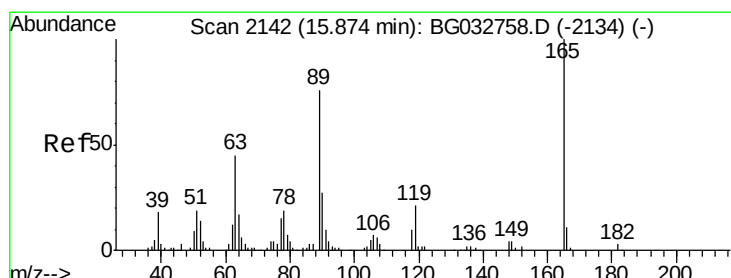
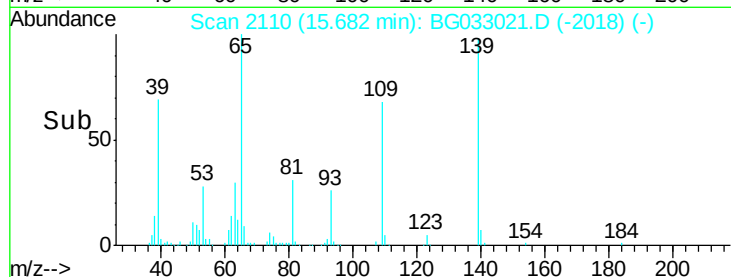
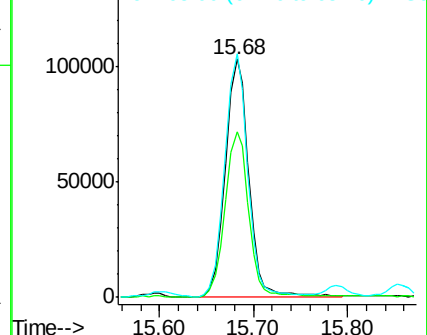
139 100

109 69.7 62.2 102.2

65 102.2 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: 60.191 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Tgt Ion:165 Resp: 156939

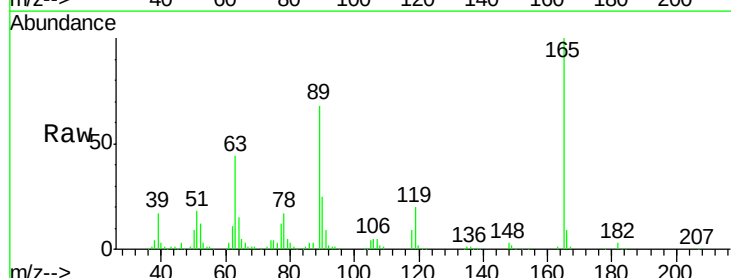
Ion Ratio Lower Upper

165 100

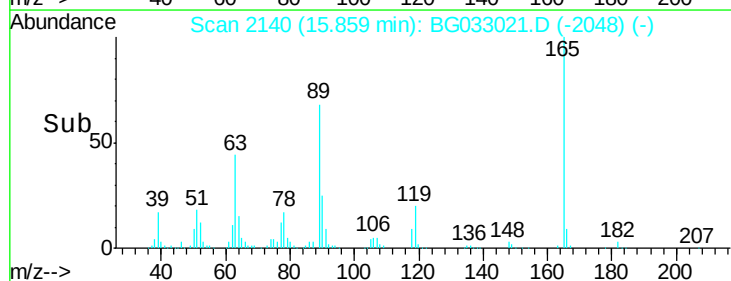
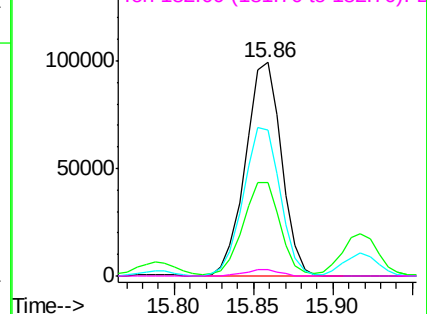
63 43.8 42.0 63.0

89 68.4 66.9 100.3

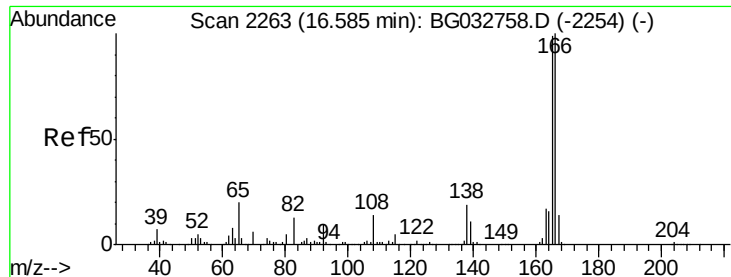
182 3.0 2.6 3.8



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: 39.489 ng

RT: 16.56 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

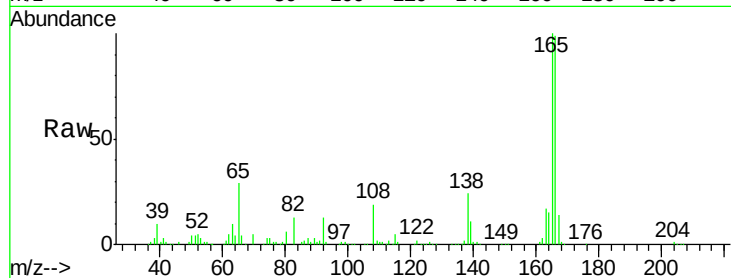
Tot Ion:166 Resp: 457520

Ion Ratio Lower Upper

166 100

165 101.3 80.6 121.0

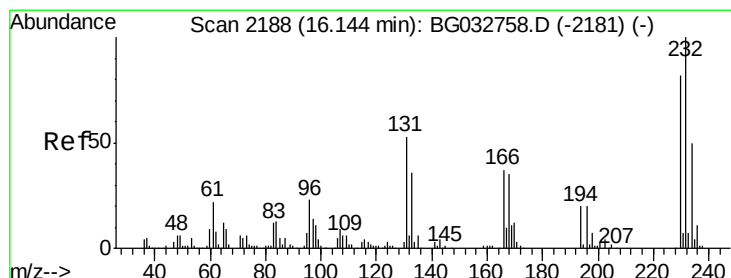
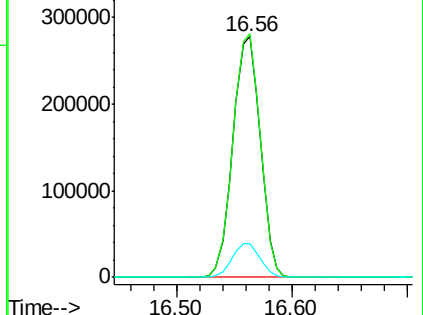
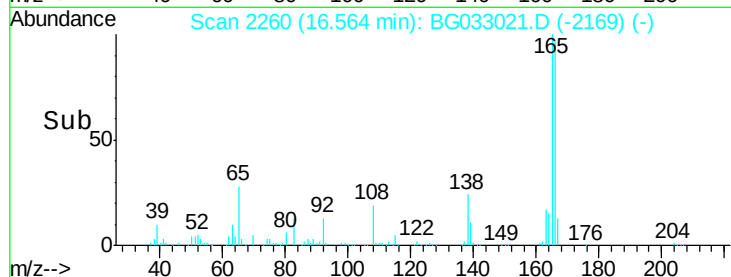
167 13.8 10.4 15.6



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: 47.652 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.08 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Tgt Ion:232 Resp: 118736

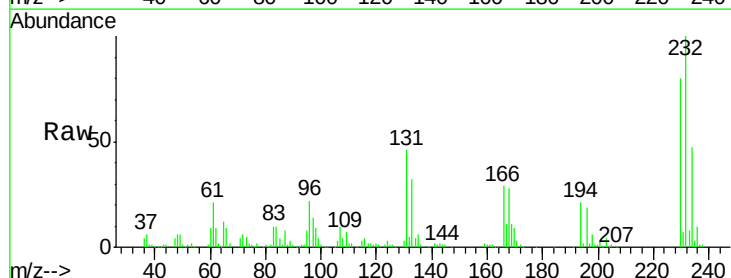
Ion Ratio Lower Upper

232 100

131 46.5 33.5 50.3

130 2.7 2.2 3.2

166 28.2 24.8 37.2

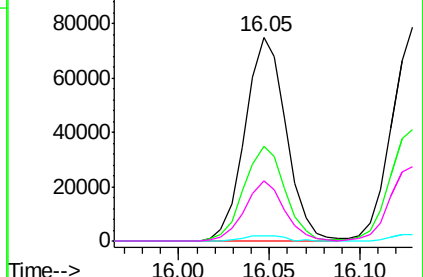
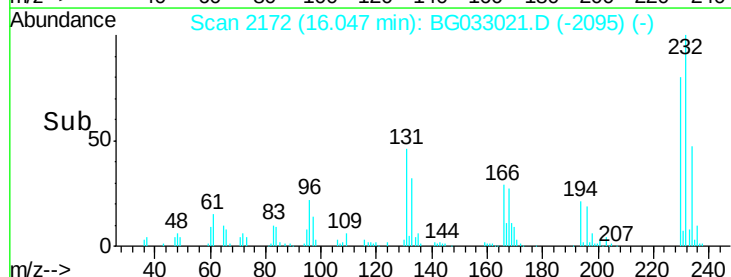


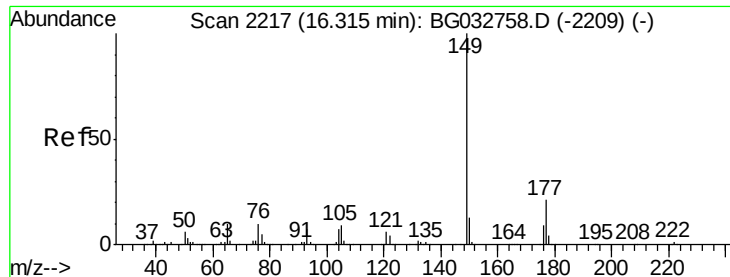
Abundance Ion 232.00 (231.70 to 232.70): E

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

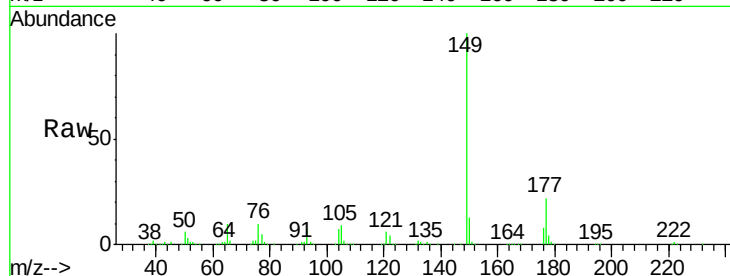




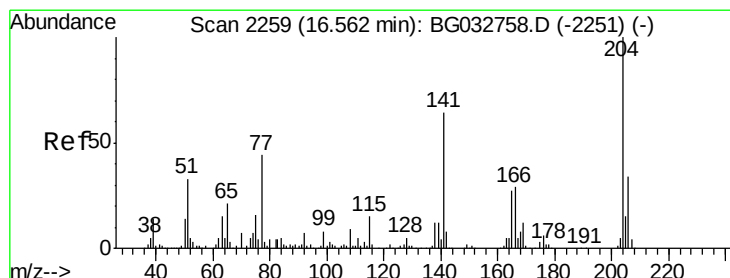
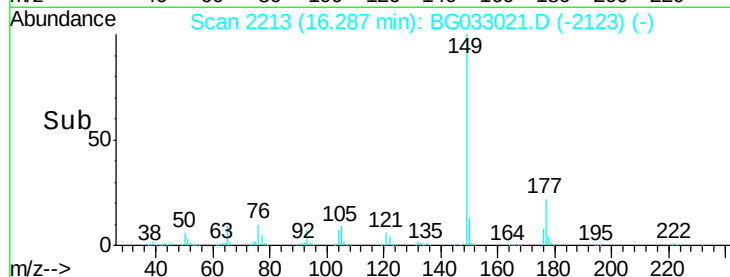
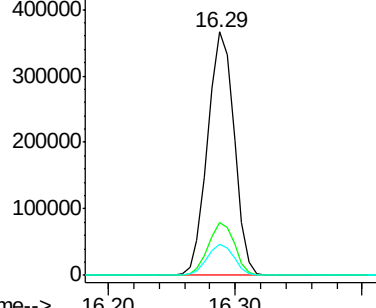
#59  
Diethylphthalate  
Concen: 39.898 ng  
RT: 16.29 min Scan# 2213  
Delta R.T. -0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.7  | 18.5  | 27.7  |
| 150     | 13.0  | 10.2  | 15.2  |

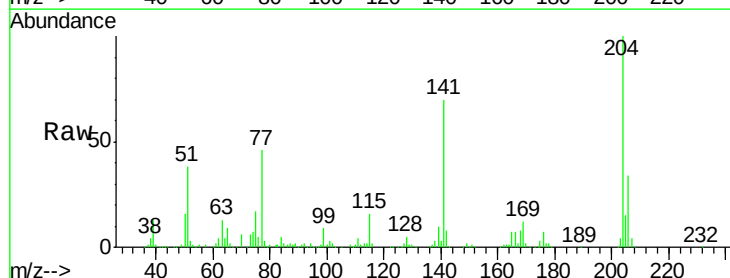


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

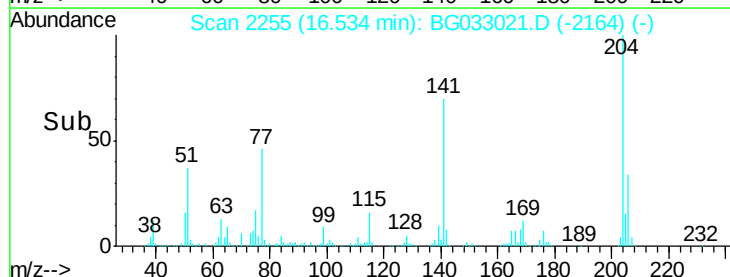
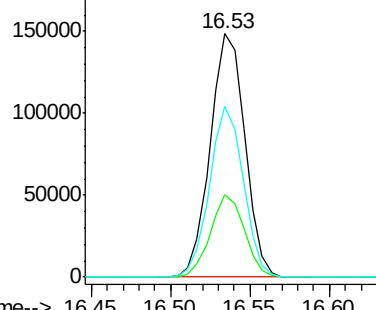


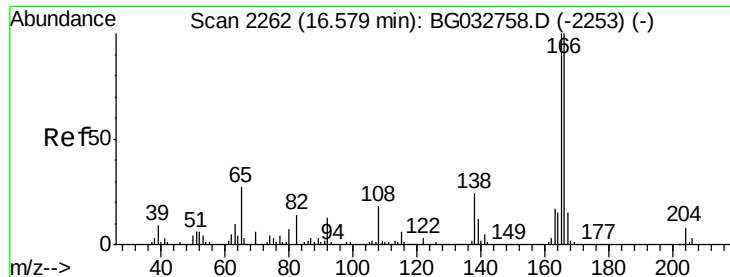
#60  
4-Chlorophenyl-phenylether  
Concen: 39.740 ng  
RT: 16.53 min Scan# 2255  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.9  | 26.2  | 39.2  |
| 141     | 70.0  | 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: 43.519 ng

RT: 16.56 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

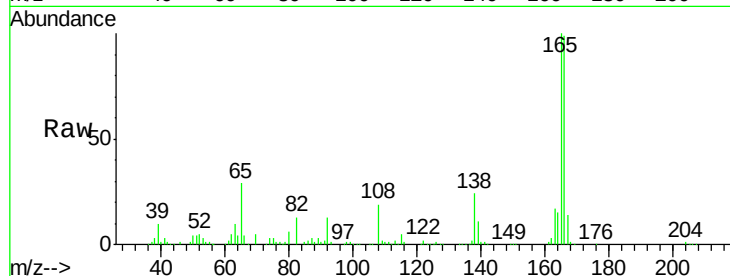
Tot Ion:138 Resp: 116976

Ion Ratio Lower Upper

138 100

92 55.4 40.1 80.1

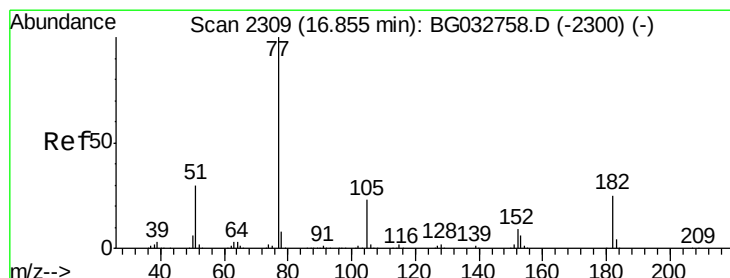
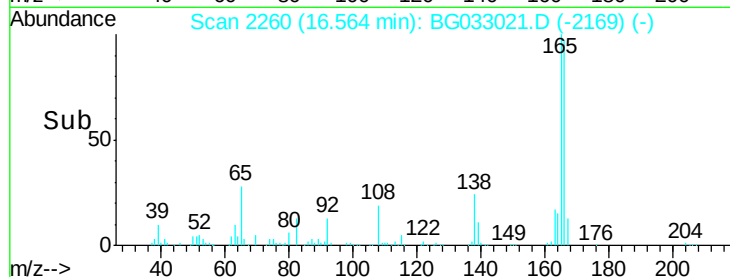
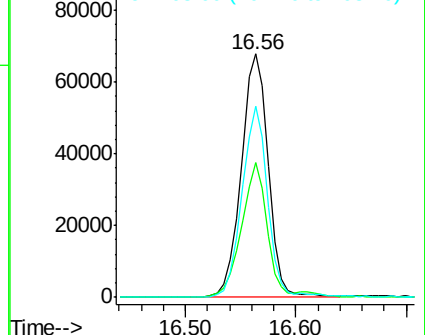
108 78.3 65.4 105.4



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: 41.216 ng

RT: 16.83 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Tgt Ion: 77 Resp: 489130

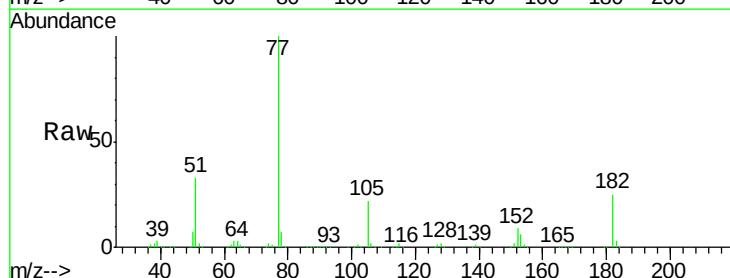
Ion Ratio Lower Upper

77 100

182 24.7 7.4 47.4

105 21.7 0.3 40.3

51 33.3 11.6 51.6

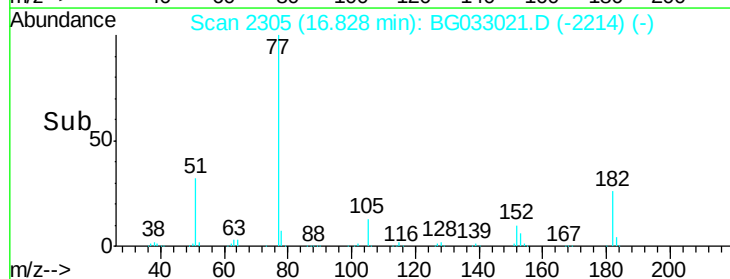
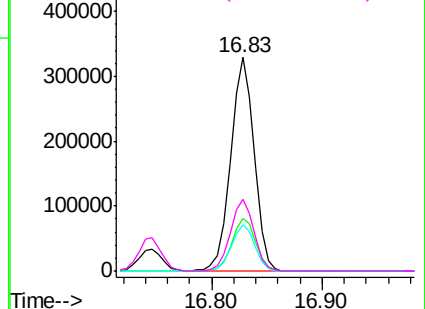


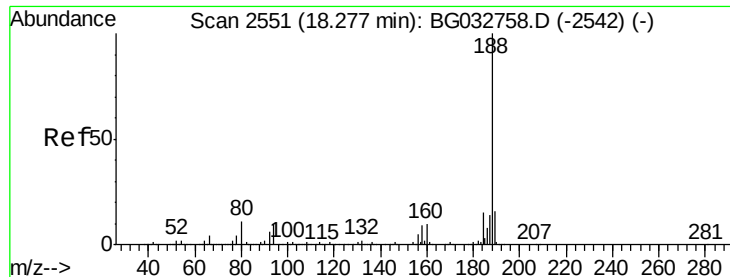
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

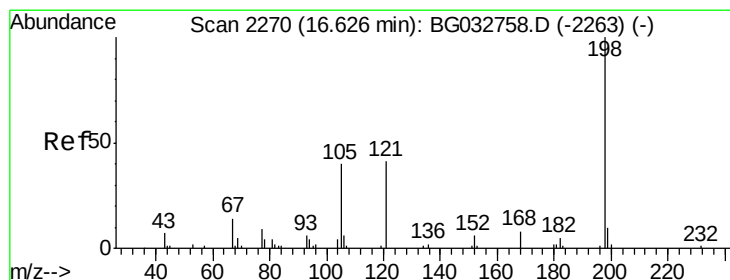
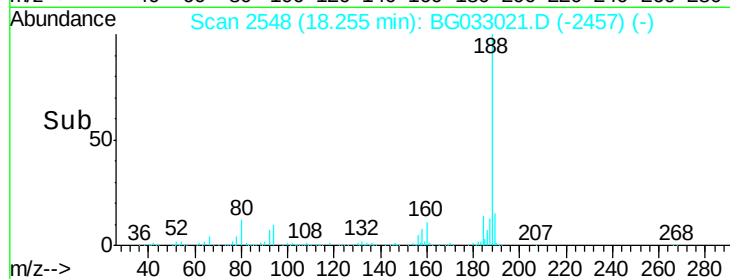
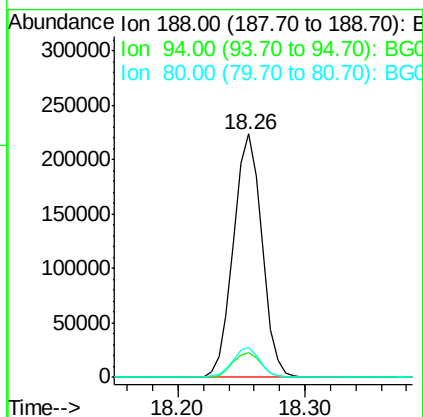
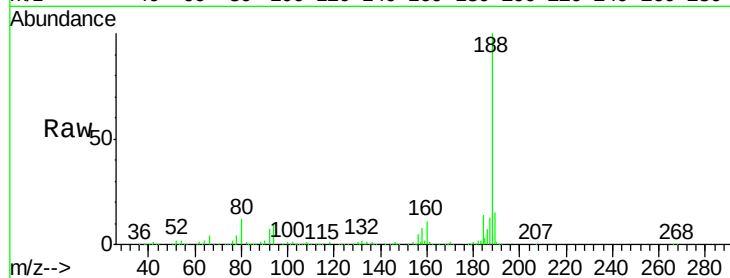




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.26 min Scan# 2548  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

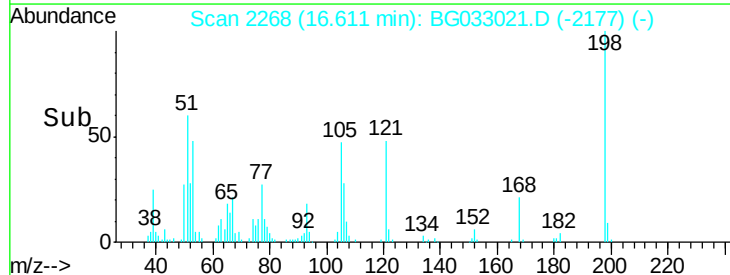
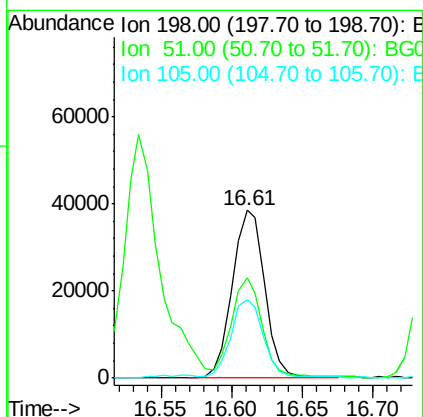
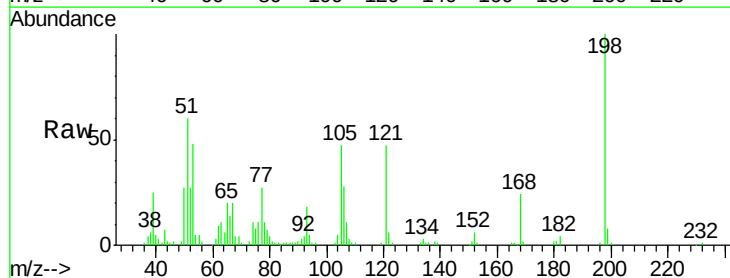
Instrument :  
BNA\_G  
ClientSampleId :

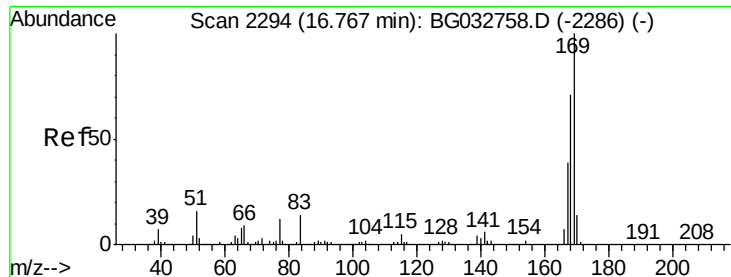
Tot Ion:188 Resp: 346463  
Ion Ratio Lower Upper  
188 100  
94 10.3 6.9 10.3#  
80 12.1 7.7 11.5#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 56.937 ng  
RT: 16.61 min Scan# 2268  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion:198 Resp: 61801  
Ion Ratio Lower Upper  
198 100  
51 59.9 30.6 70.6  
105 46.8 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 38.271 ng

RT: 16.75 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG033021.D

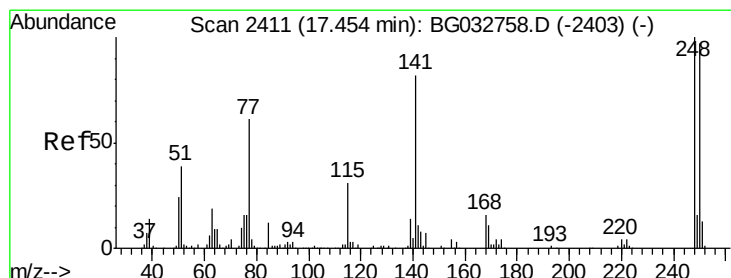
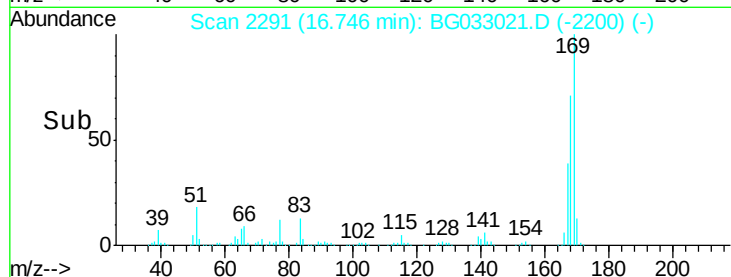
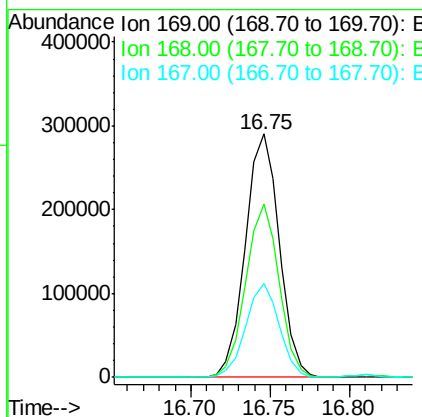
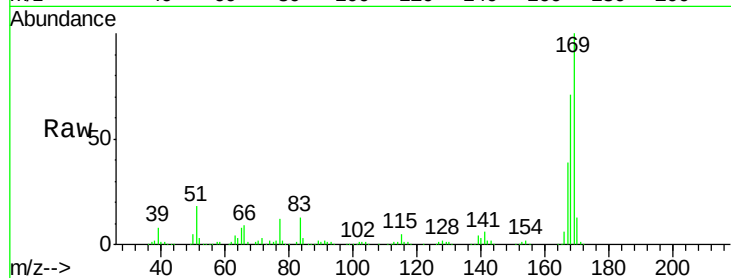
Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:169 | Resp: | 431353      |
| Ion         | Ratio | Lower Upper |
| 169         | 100   |             |
| 168         | 71.2  | 55.7 83.5   |
| 167         | 38.6  | 30.1 45.1   |



#66

4-Bromophenyl-phenylether

Concen: 37.639 ng

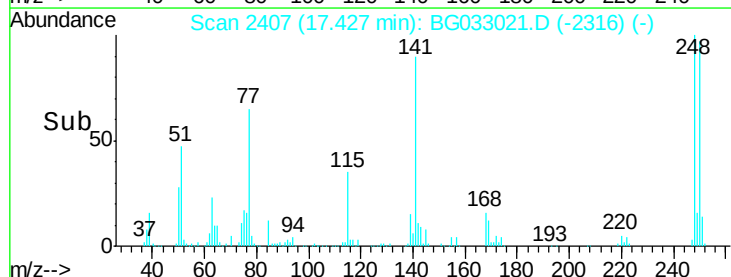
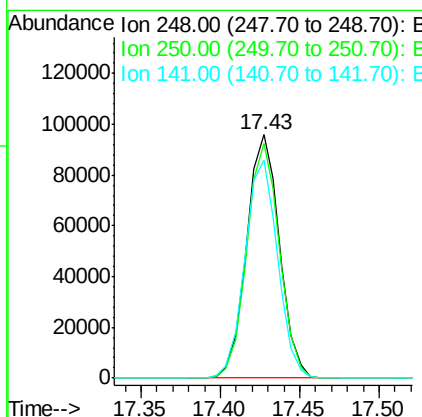
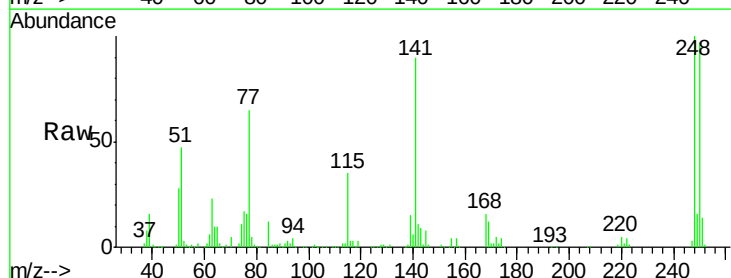
RT: 17.43 min Scan# 2407

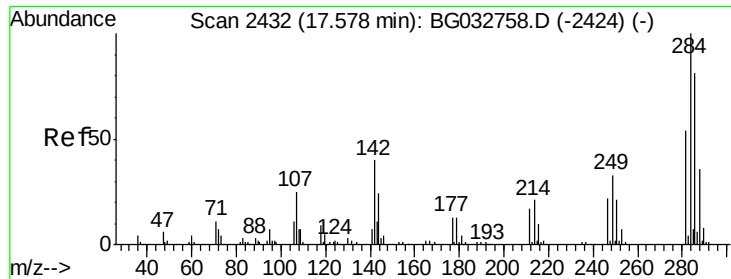
Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:248 | Resp: | 137890      |
| Ion         | Ratio | Lower Upper |
| 248         | 100   |             |
| 250         | 96.5  | 77.1 115.7  |
| 141         | 89.5  | 50.8 76.2   |

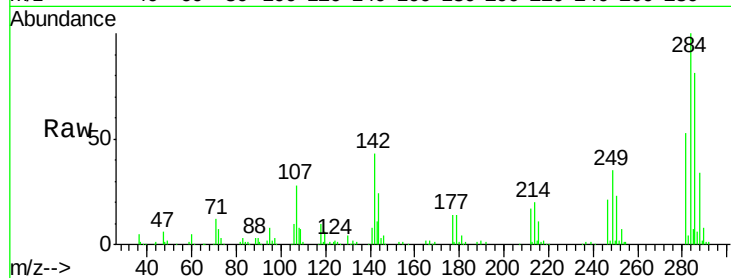




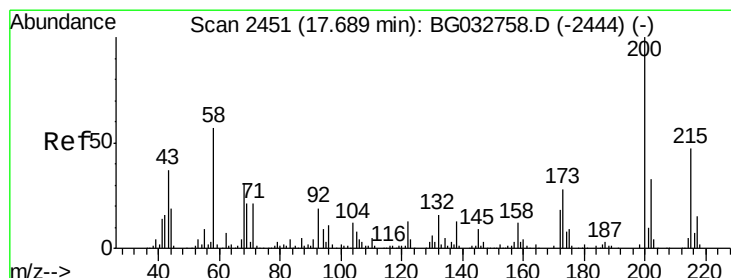
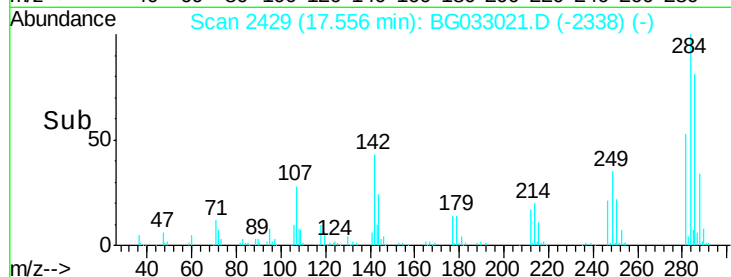
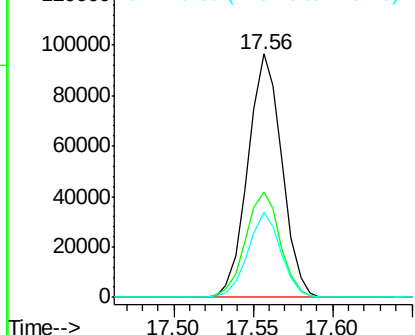
#67  
Hexachlorobenzene  
Concen: 36.323 ng  
RT: 17.56 min Scan# 2429  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:284 Resp: 143801  
Ion Ratio Lower Upper  
284 100  
142 43.2 26.8 40.2#  
249 34.6 26.3 39.5

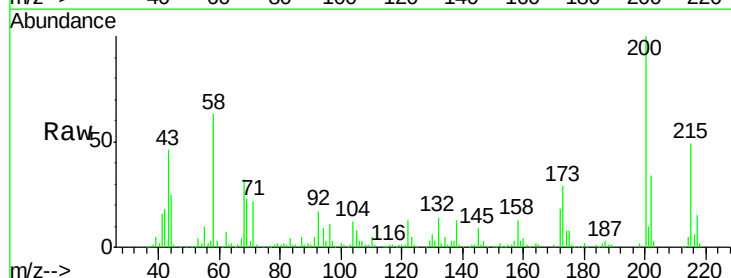


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

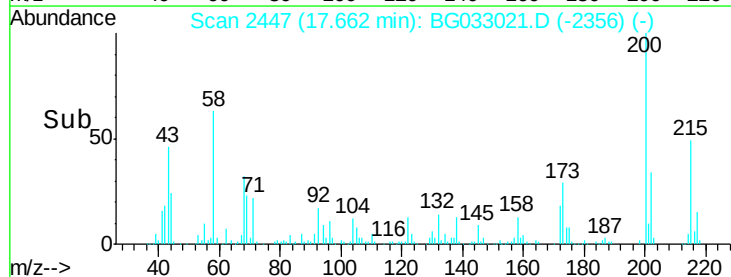
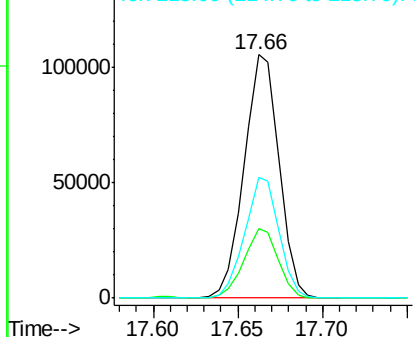


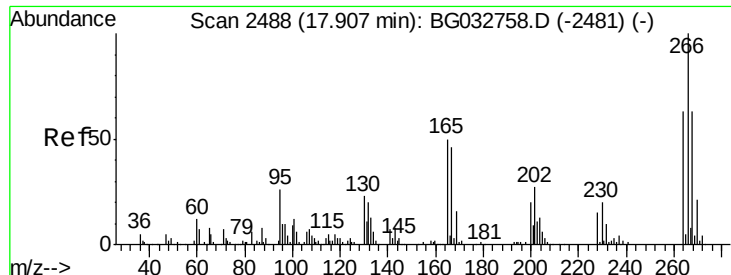
#68  
Atrazine  
Concen: 40.863 ng  
RT: 17.66 min Scan# 2447  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion:200 Resp: 151601  
Ion Ratio Lower Upper  
200 100  
173 28.6 5.2 45.2  
215 49.4 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

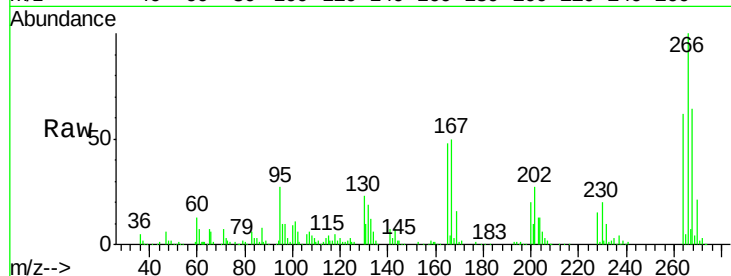




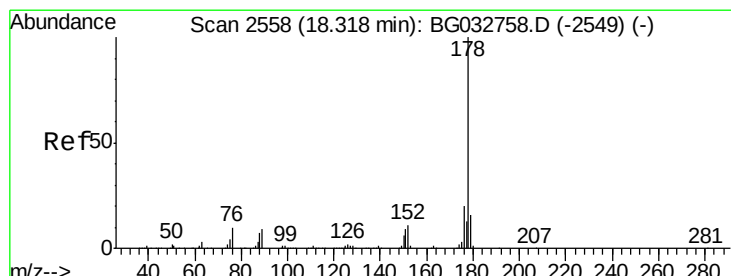
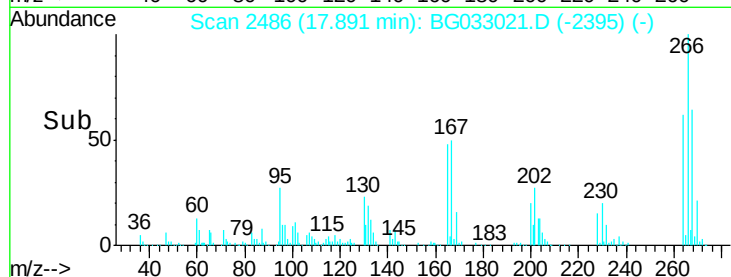
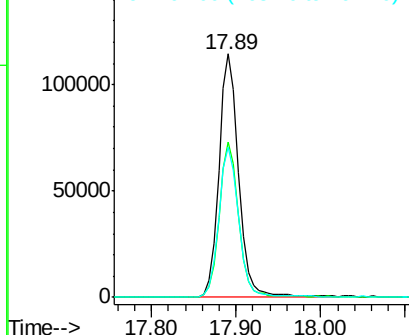
#69  
 Pentachlorophenol  
 Concen: 75.160 ng  
 RT: 17.89 min Scan# 2486  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:266 Resp: 187426  
 Ion Ratio Lower Upper  
 266 100  
 268 63.8 51.1 76.7  
 264 61.8 49.6 74.4

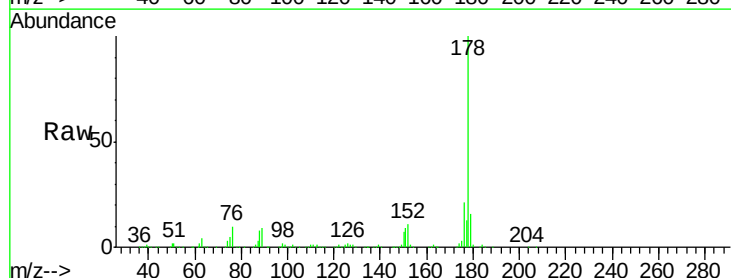


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

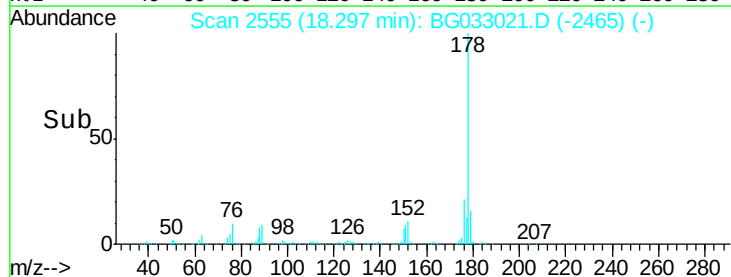
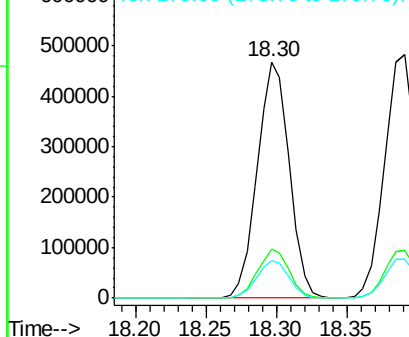


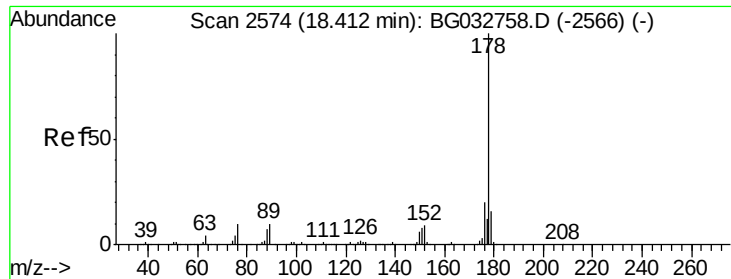
#70  
 Phenanthrene  
 Concen: 38.602 ng  
 RT: 18.30 min Scan# 2555  
 Delta R.T. -0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Tgt Ion:178 Resp: 746145  
 Ion Ratio Lower Upper  
 178 100  
 176 20.5 15.7 23.5  
 179 15.9 12.5 18.7



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

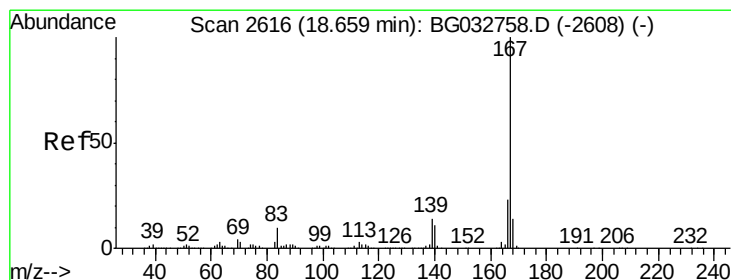
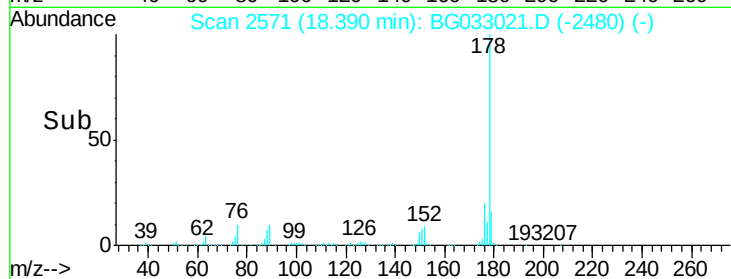
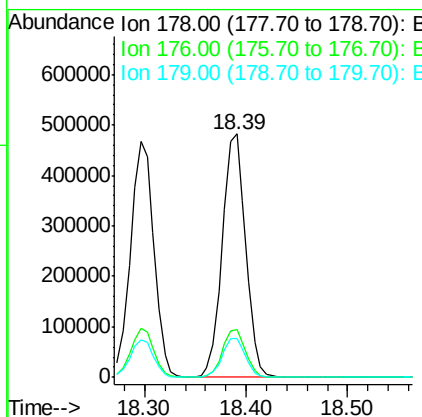
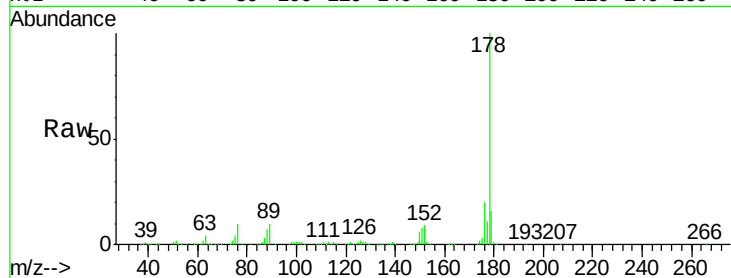




#71  
 Anthracene  
 Concen: 39.650 ng  
 RT: 18.39 min Scan# 2571  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

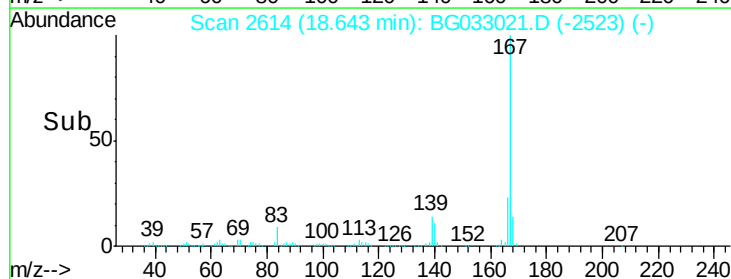
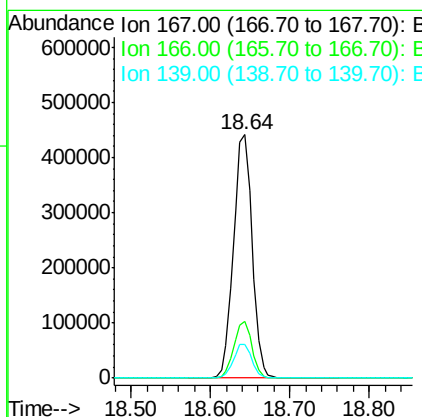
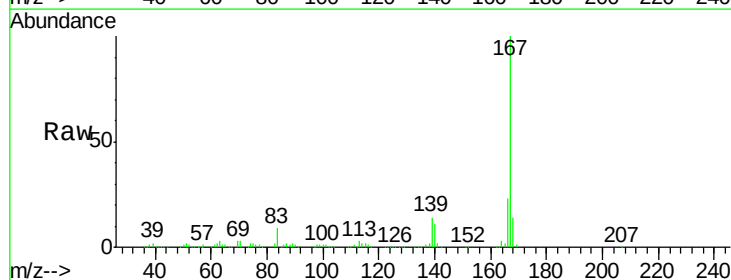
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:178 Resp: 769428  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 16.0 24.0  
 179 16.0 12.5 18.7

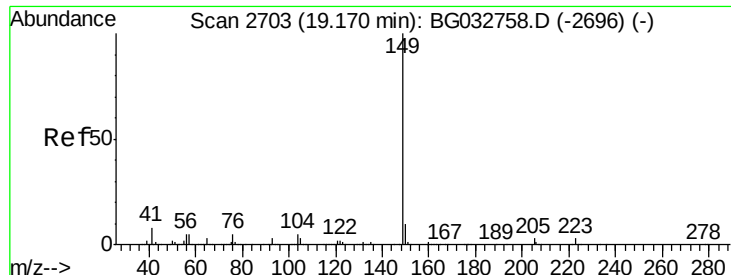


#72  
 Carbazole  
 Concen: 37.574 ng  
 RT: 18.64 min Scan# 2614  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Tgt Ion:167 Resp: 718682  
 Ion Ratio Lower Upper  
 167 100  
 166 23.3 18.2 27.4  
 139 14.0 9.4 14.2







#73

Di-n-butylphthalate

Concen: 38.697 ng

RT: 19.14 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

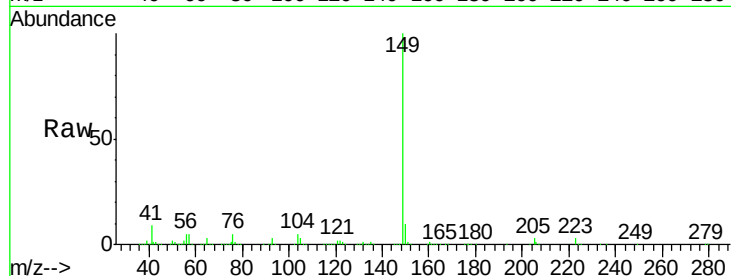
Tot Ion:149 Resp: 908044

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

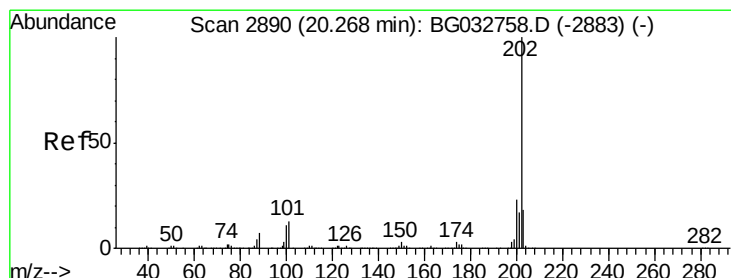
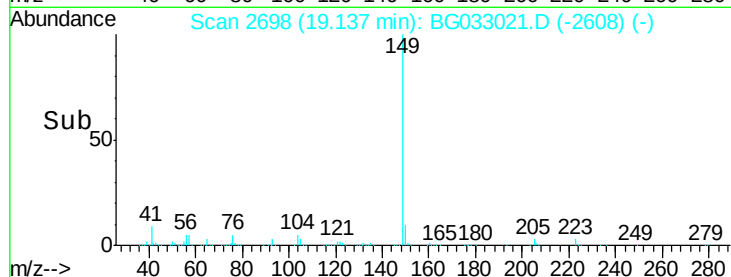
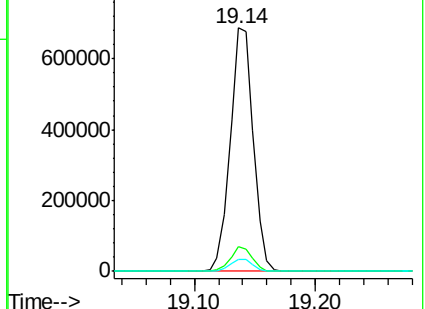
104 5.1 3.9 5.9



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: 39.284 ng

RT: 20.25 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

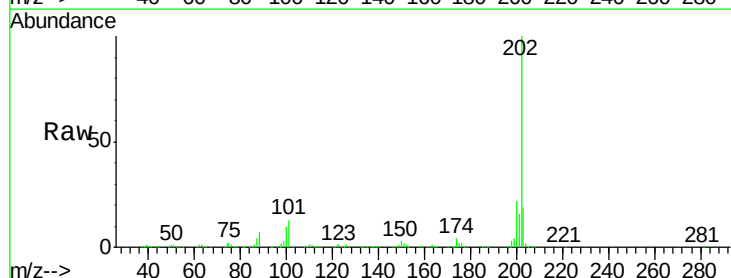
Tgt Ion:202 Resp: 838781

Ion Ratio Lower Upper

202 100

101 13.4 0.0 28.9

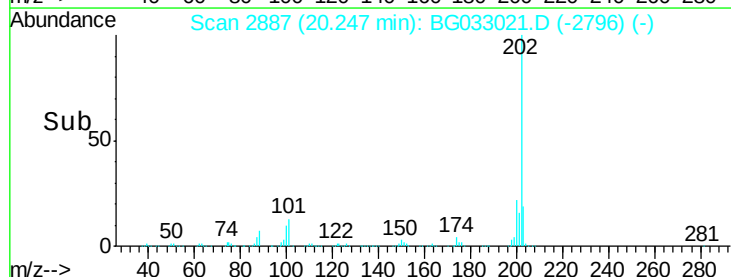
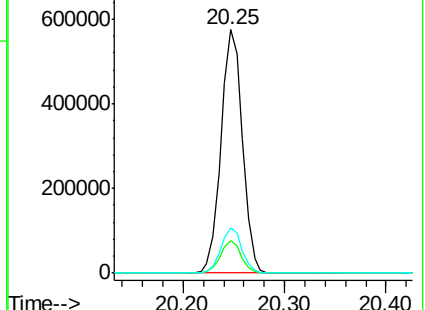
203 18.5 0.0 37.5

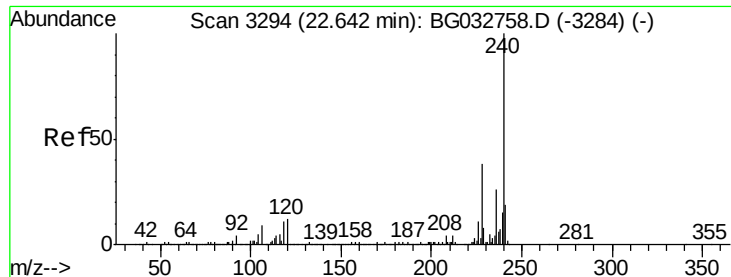


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3289

Delta R.T. -0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampled :

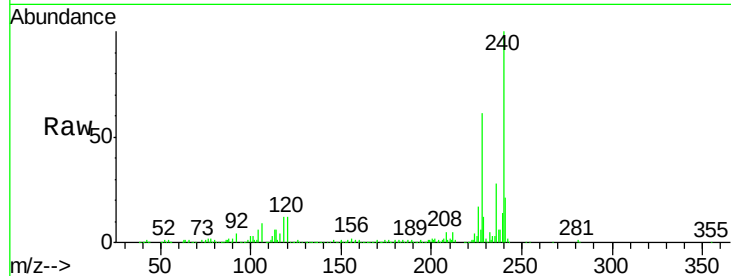
Tot Ion:240 Resp: 317784

Ion Ratio Lower Upper

240 100

120 12.3 6.8 10.2#

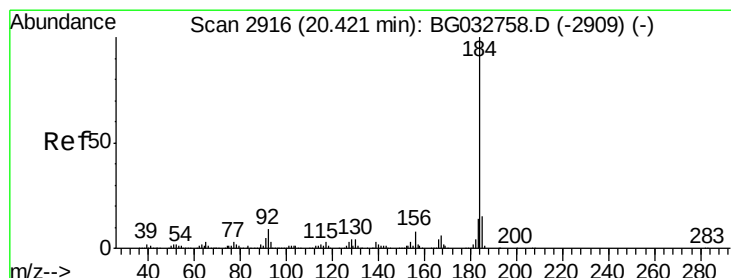
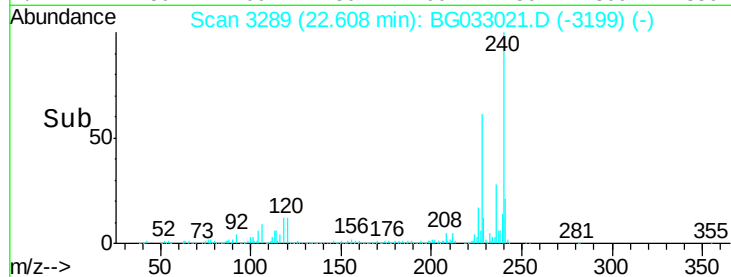
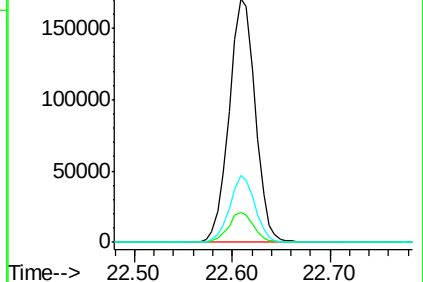
236 27.5 20.9 31.3



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: 22.115 ng

RT: 20.40 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

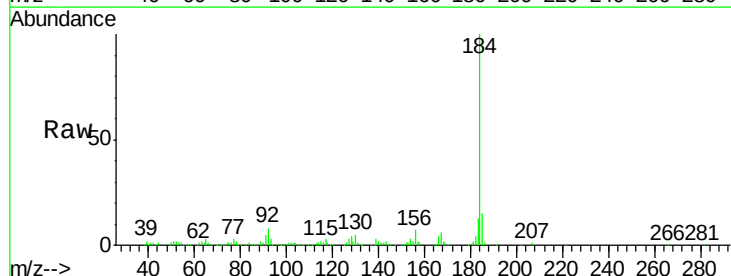
Tgt Ion:184 Resp: 239553

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

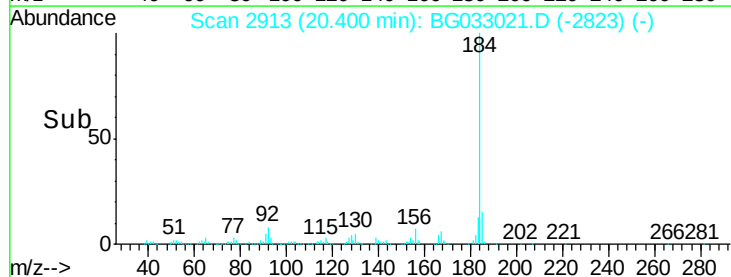
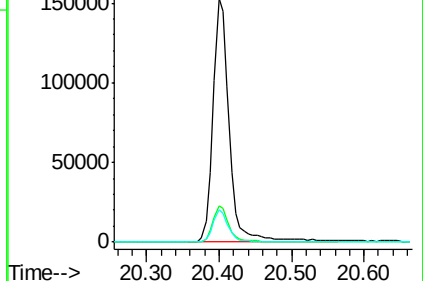
183 13.1 10.6 16.0

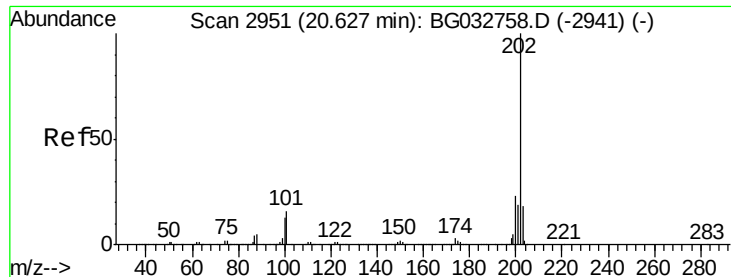


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.049 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

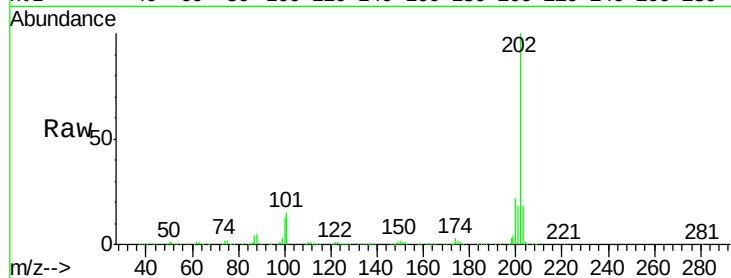
Tot Ion:202 Resp: 852697

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

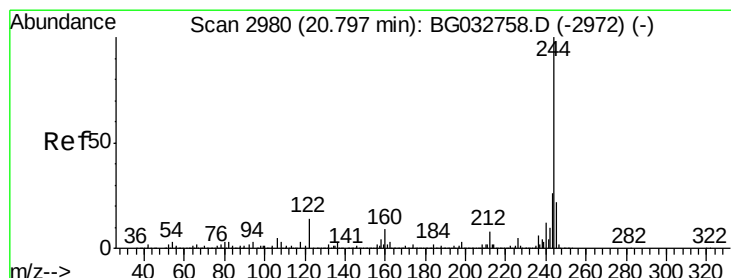
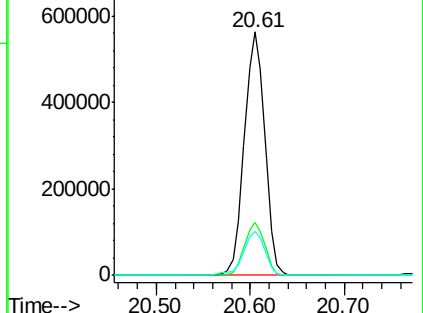
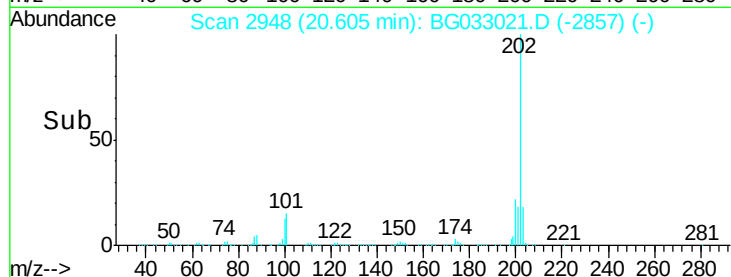
203 18.0 13.9 20.9



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: 75.580 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

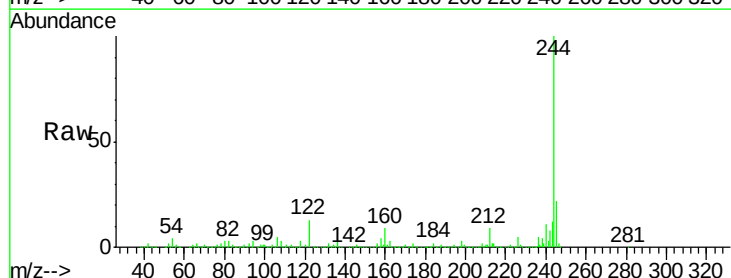
Tgt Ion:244 Resp: 1069026

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

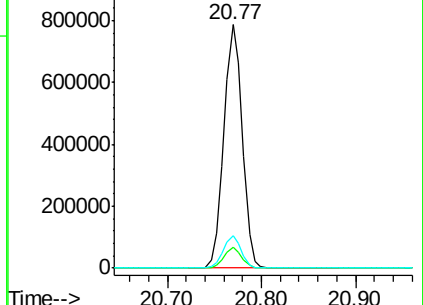
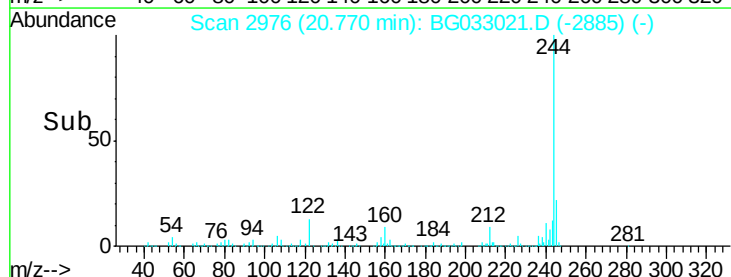
122 13.4 7.0 10.4#

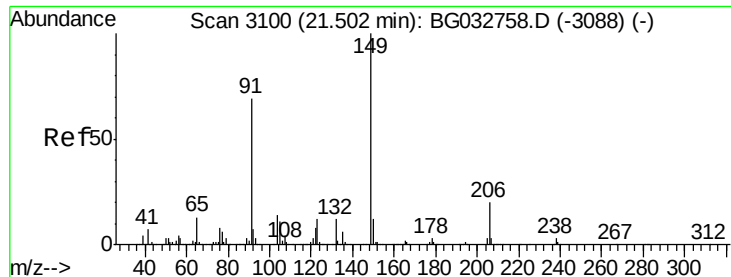


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.179 ng

RT: 21.46 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :

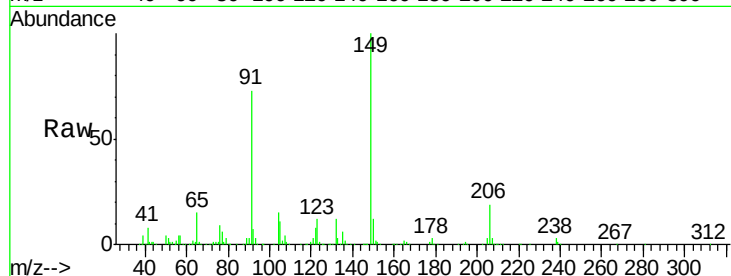
Tot Ion:149 Resp: 429021

Ion Ratio Lower Upper

149 100

91 72.6 62.2 93.2

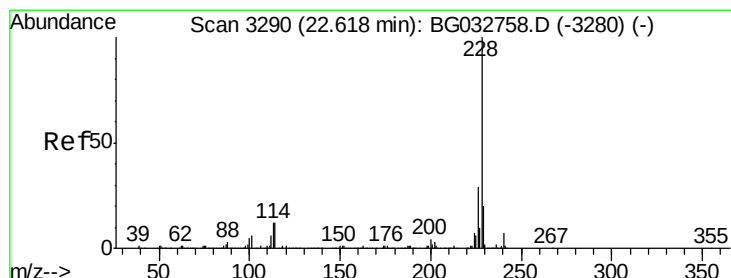
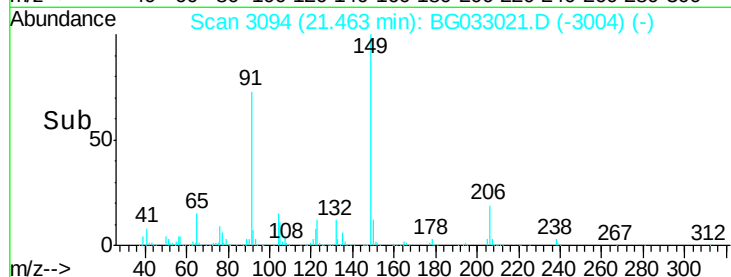
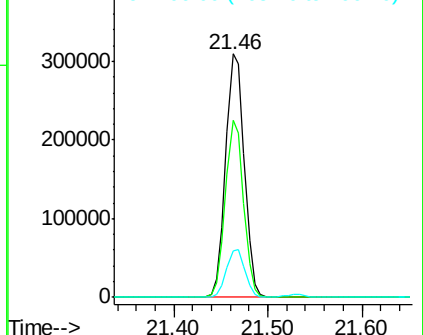
206 19.2 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.681 ng

RT: 22.58 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

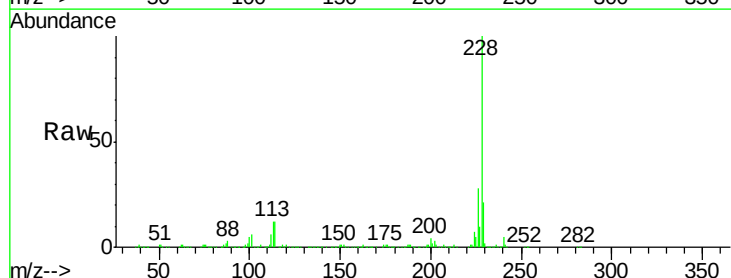
Tgt Ion:228 Resp: 808611

Ion Ratio Lower Upper

228 100

226 28.5 22.7 34.1

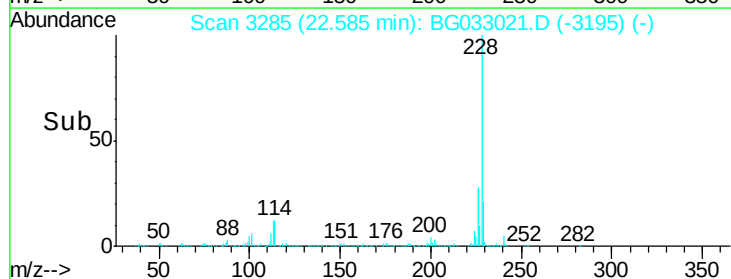
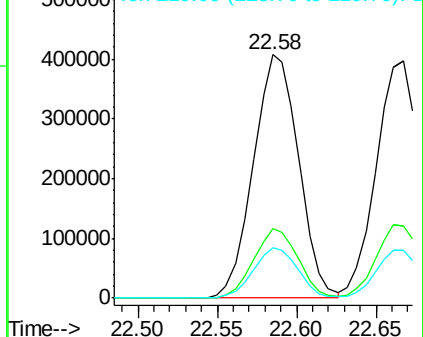
229 20.9 16.2 24.2

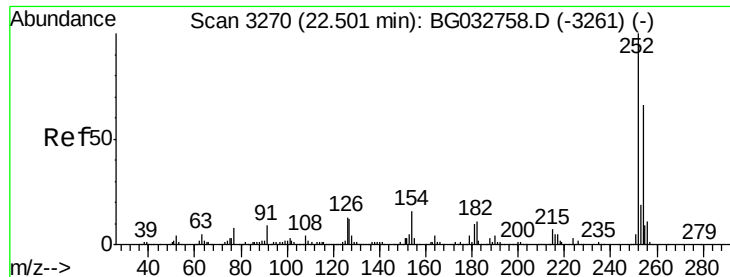


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

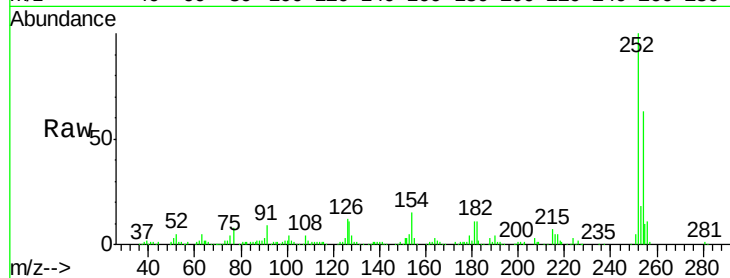




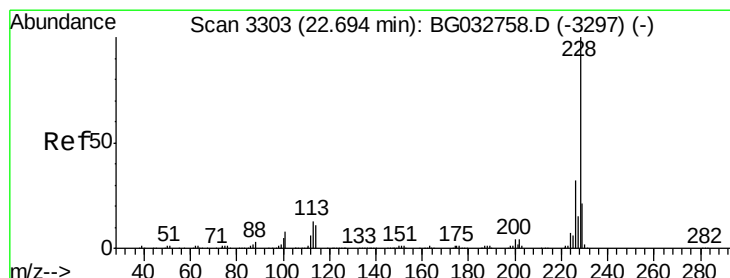
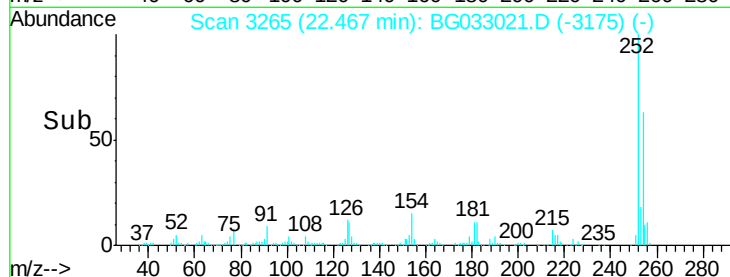
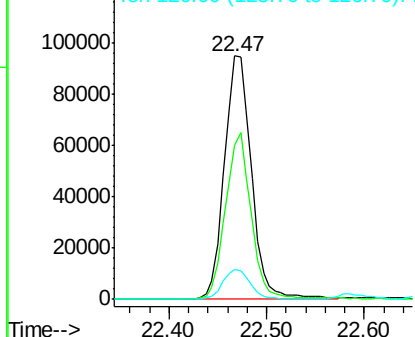
#81  
 3,3'-Dichlorobenzidine  
 Concen: 24.311 ng  
 RT: 22.47 min Scan# 3265  
 Delta R.T. -0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:252 Resp: 183478  
 Ion Ratio Lower Upper  
 252 100  
 254 63.2 50.8 76.2  
 126 12.5 7.4 11.2#

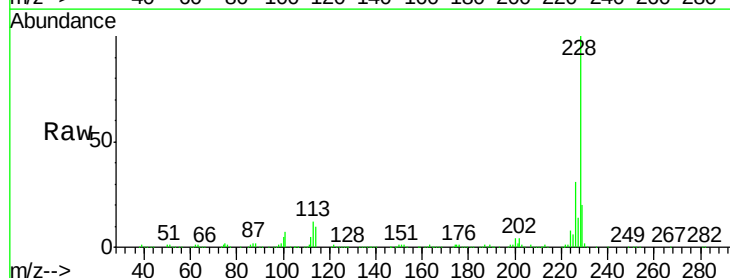


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

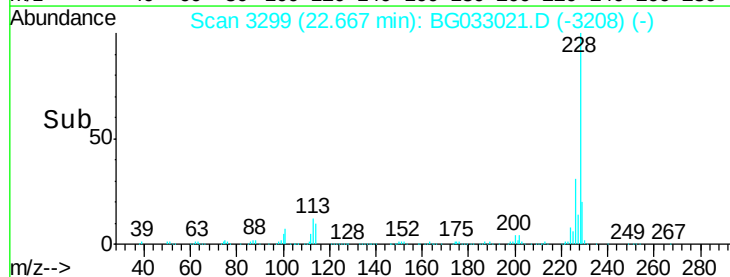
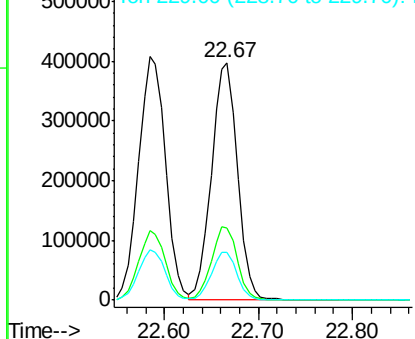


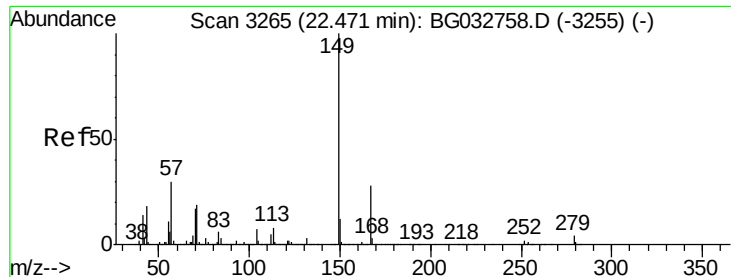
#82  
 Chrysene  
 Concen: 39.381 ng  
 RT: 22.67 min Scan# 3299  
 Delta R.T. 0.00 min  
 Lab File: BG033021.D  
 Acq: 6 Mar 2018 14:21

Tgt Ion:228 Resp: 766596  
 Ion Ratio Lower Upper  
 228 100  
 226 30.6 24.9 37.3  
 229 20.0 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: 41.167 ng

RT: 22.41 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampled :

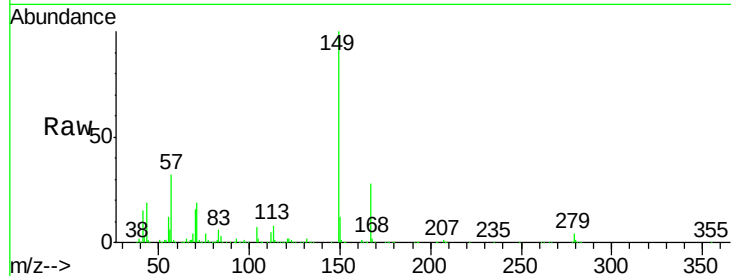
Tot Ion:149 Resp: 605468

Ion Ratio Lower Upper

149 100

167 27.9 24.3 36.5

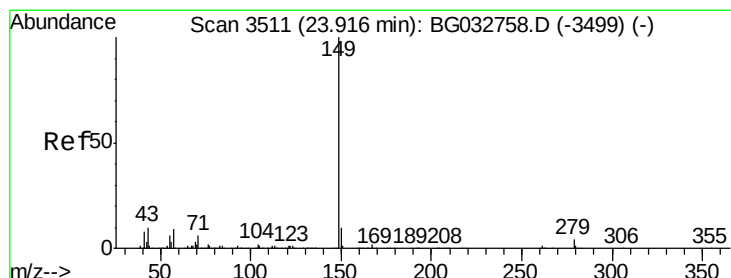
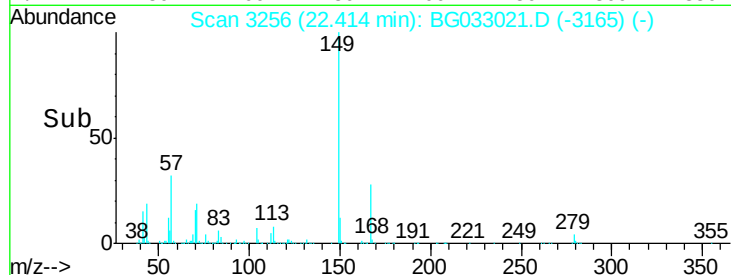
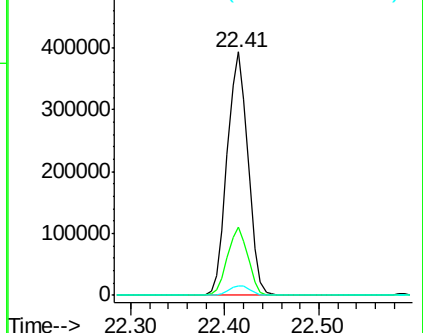
279 4.0 4.0 6.0



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: 46.540 ng

RT: 23.83 min Scan# 3497

Delta R.T. 0.01 min

Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

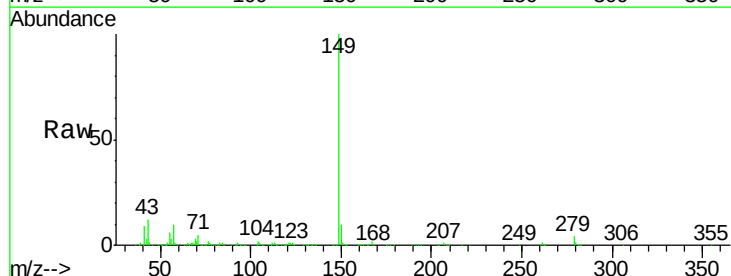
Tgt Ion:149 Resp: 1043336

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

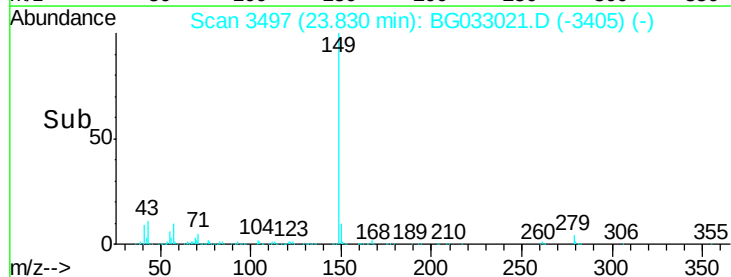
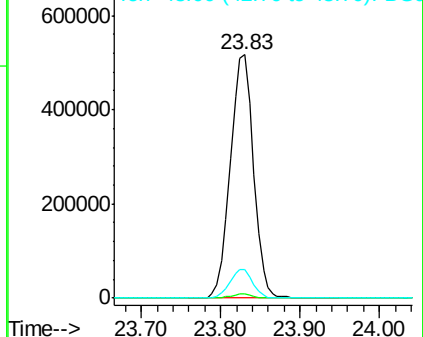
43 11.6 8.9 13.3

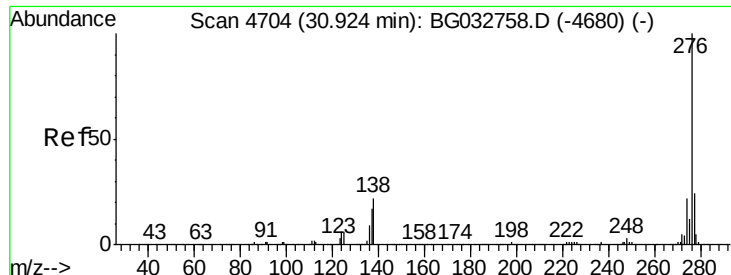


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

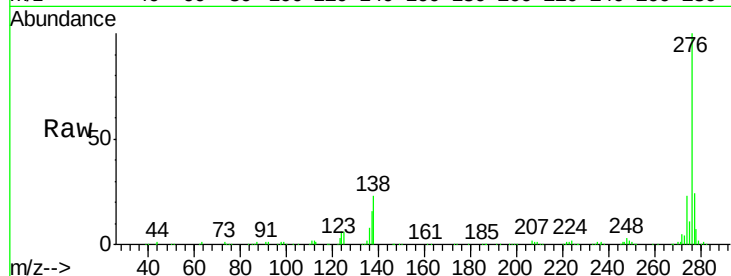




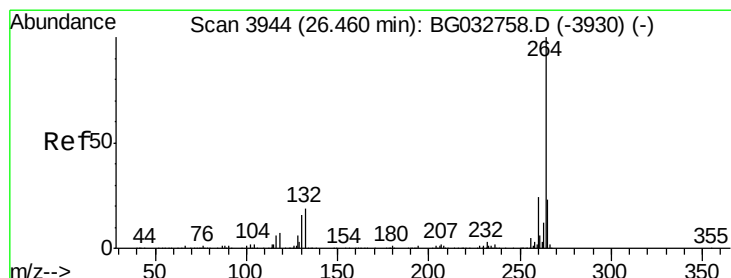
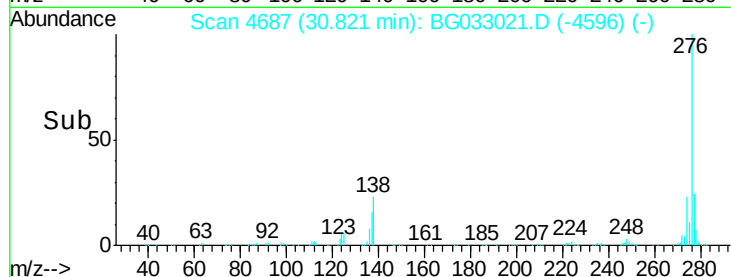
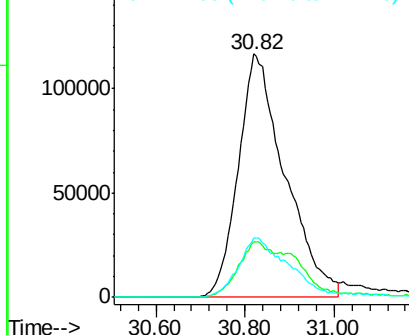
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 37.240 ng  
RT: 30.82 min Scan# 4687  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:276 Resp: 845409  
Ion Ratio Lower Upper  
276 100  
138 17.2 16.0 24.0  
277 26.1 20.0 30.0

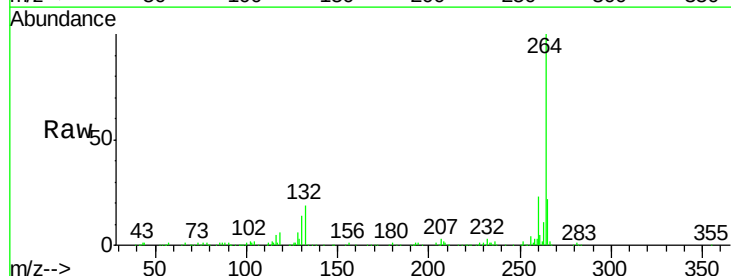


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

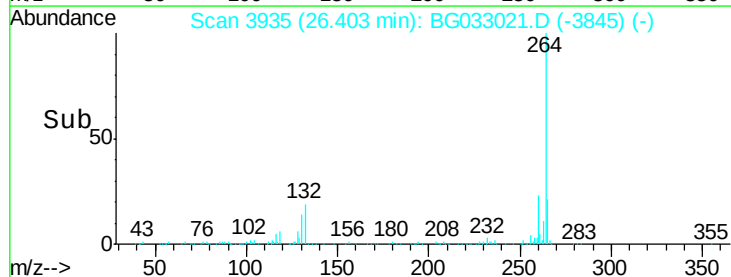
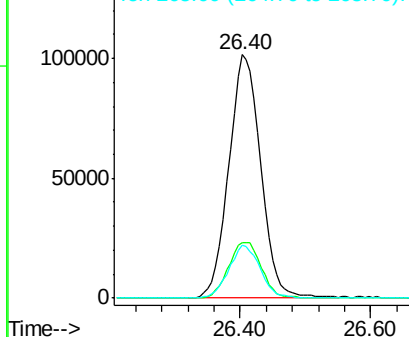


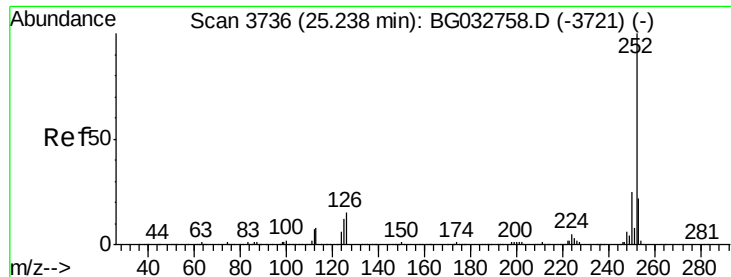
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 26.40 min Scan# 3935  
Delta R.T. -0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion:264 Resp: 344732  
Ion Ratio Lower Upper  
264 100  
260 22.7 17.4 26.0  
265 21.5 17.7 26.5



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

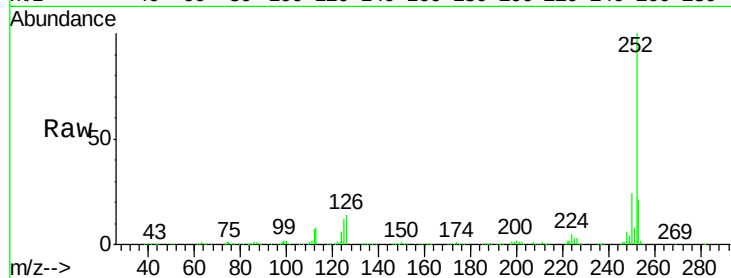




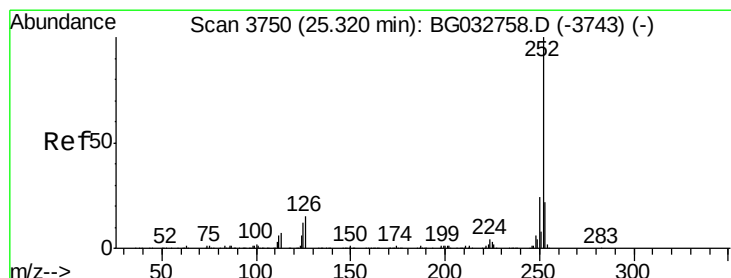
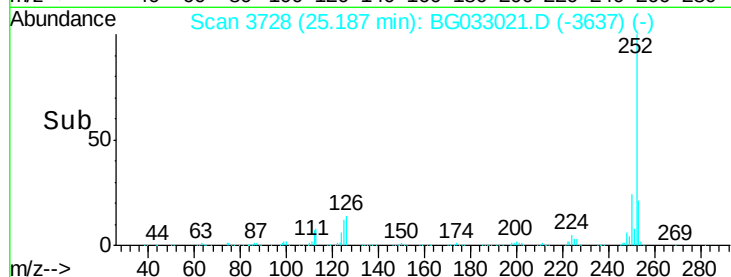
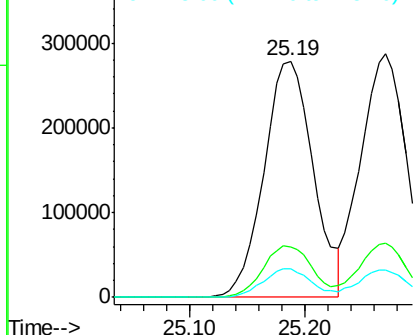
#87  
Benzo(b)fluoranthene  
Concen: 40.567 ng  
RT: 25.19 min Scan# 3728  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:252 Resp: 826871  
Ion Ratio Lower Upper  
252 100  
253 21.5 18.2 27.4  
125 12.0 7.2 10.8#

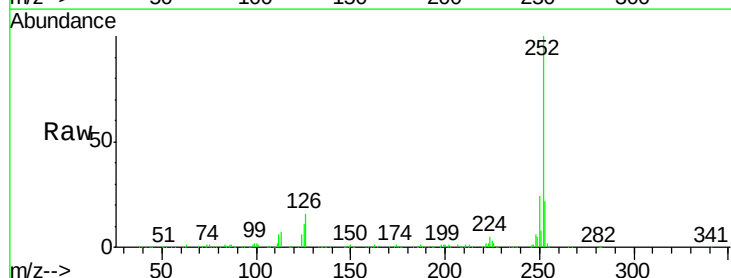


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

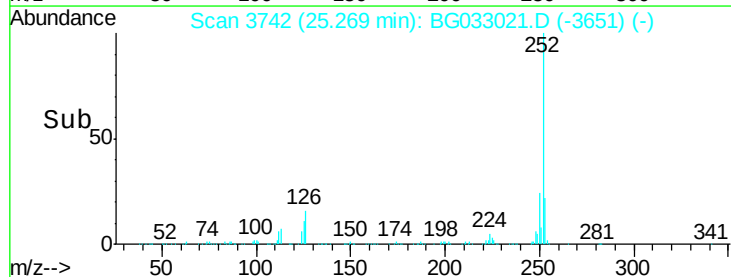
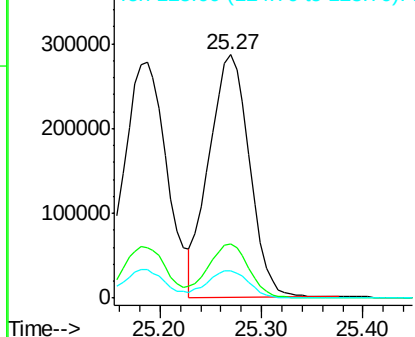


#88  
Benzo(k)fluoranthene  
Concen: 39.109 ng  
RT: 25.27 min Scan# 3742  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

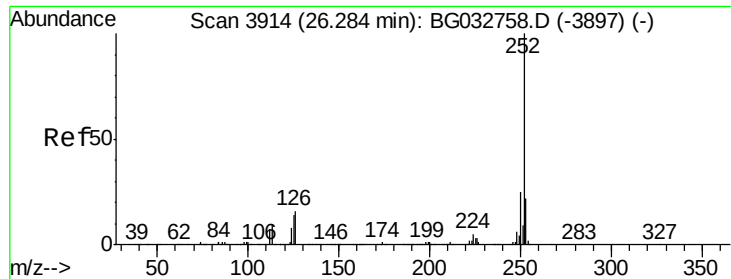
Tgt Ion:252 Resp: 792246  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.2  
125 11.4 6.6 9.8#



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



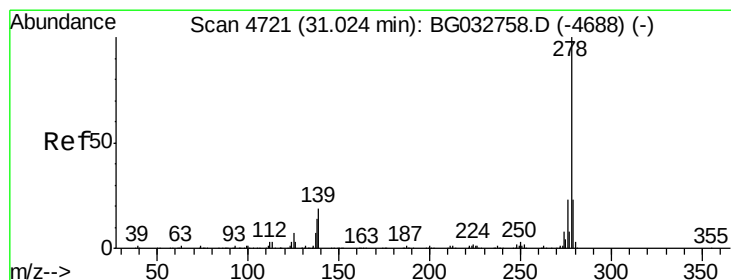
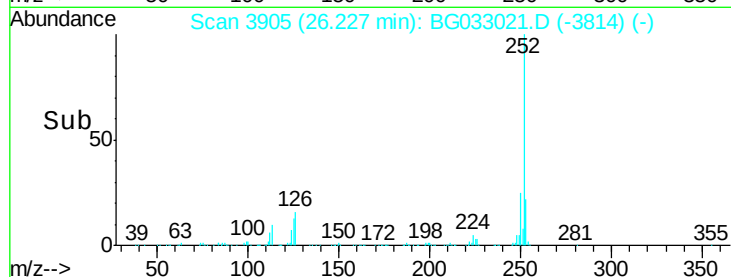
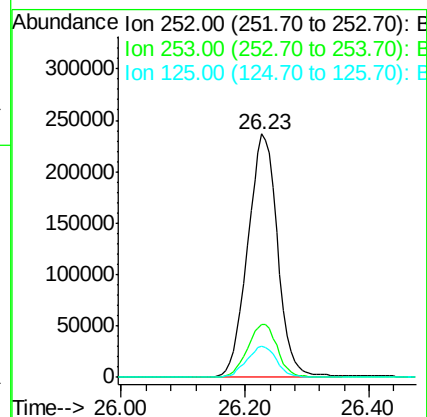
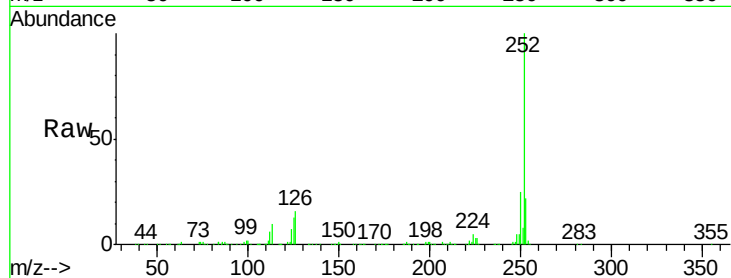




#89  
Benzo(a)pyrene  
Concen: 40.950 ng  
RT: 26.23 min Scan# 3905  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

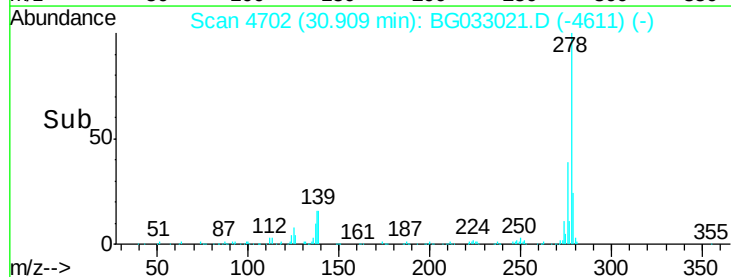
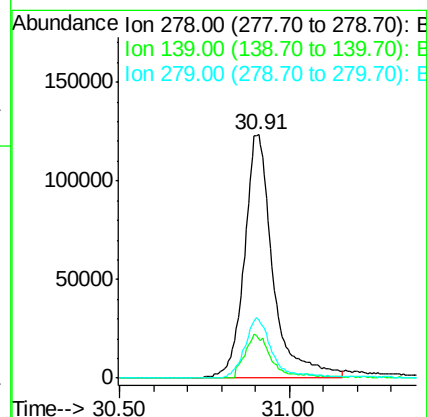
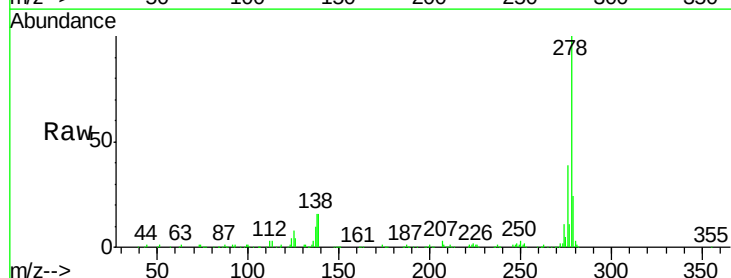
Instrument :  
BNA\_G  
ClientSampleId :

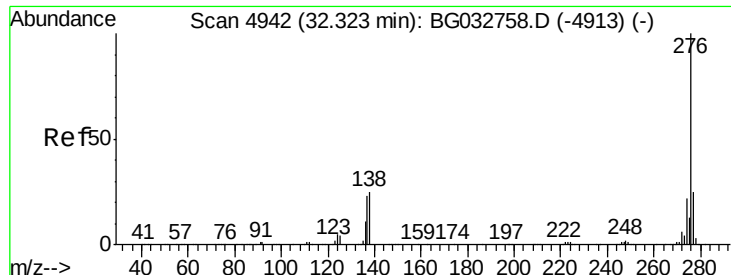
Tot Ion:252 Resp: 793902  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.3 27.5  
125 12.6 7.3 10.9#



#90  
Dibenzo(a,h)anthracene  
Concen: 37.224 ng  
RT: 30.91 min Scan# 4702  
Delta R.T. 0.00 min  
Lab File: BG033021.D  
Acq: 6 Mar 2018 14:21

Tgt Ion:278 Resp: 726392  
Ion Ratio Lower Upper  
278 100  
139 16.0 9.8 14.6#  
279 24.0 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 37.952 ng

RT: 32.22 min Scan# 4925

Delta R.T. 0.01 min

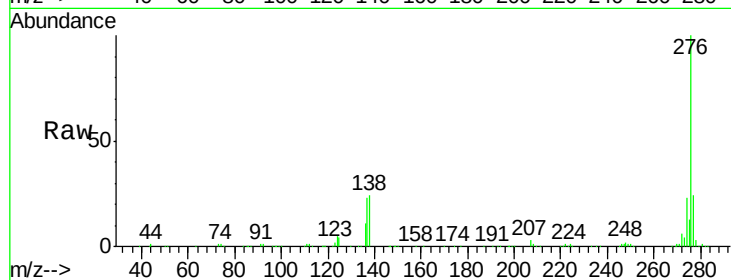
Lab File: BG033021.D

Acq: 6 Mar 2018 14:21

Instrument :

BNA\_G

ClientSampleId :



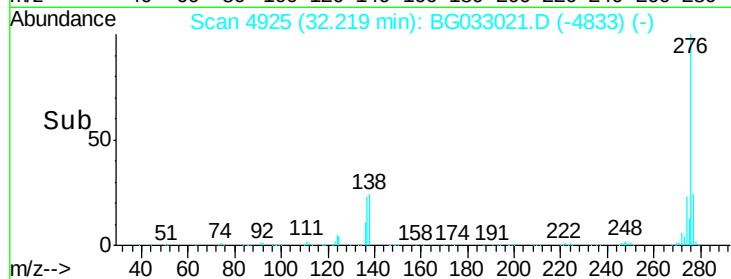
Tot Ion: 276 Resp: 730071

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 24.1 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

