

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG012319\  
 Data File : BG039267.D  
 Acq On : 23 Jan 2019 17:30  
 Operator : JU/SJ  
 Sample : IDOC-W-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

Quant Time: Jan 24 00:14:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 15823    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 75218    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.65 | 164  | 42684    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 112909   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.67 | 240  | 117112   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.93 | 264  | 122067   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 123820 | 148.44 | ng | 0.00 |
| 7) Phenol-d6             | 7.17  | 99  | 171532 | 142.90 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.18  | 82  | 102274 | 74.40  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.14 | 330 | 94005  | 131.38 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.27 | 172 | 248078 | 79.54  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.00 | 244 | 553893 | 87.49  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 12443  | 38.094 | ng | # 81   |
| 3) Pyridine                    | 3.84  | 79  | 36435  | 41.051 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.77  | 42  | 18191  | 45.547 | ng | 91     |
| 6) Aniline                     | 7.33  | 93  | 44877  | 31.129 | ng | 97     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 46309  | 47.098 | ng | 95     |
| 9) Benzaldehyde                | 7.15  | 77  | 11225  | 16.215 | ng | 97     |
| 10) Phenol                     | 7.20  | 94  | 57655  | 47.906 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 37415  | 40.677 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 46265  | 39.273 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 48125  | 40.336 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 46656  | 41.014 | ng | 97     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 39936  | 44.177 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 72916  | 41.341 | ng | 99     |
| 17) 2-Methylphenol             | 8.45  | 107 | 39446  | 47.203 | ng | 98     |
| 18) Hexachloroethane           | 9.08  | 117 | 16611  | 40.981 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 30857  | 39.145 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.78  | 107 | 54134  | 45.435 | ng | 98     |
| 22) Acetophenone               | 8.84  | 105 | 65410  | 33.299 | ng | 100    |
| 24) Nitrobenzene               | 9.23  | 77  | 49090  | 35.331 | ng | 98     |
| 25) Isophorone                 | 9.74  | 82  | 89627  | 37.852 | ng | 97     |
| 26) 2-Nitrophenol              | 9.94  | 139 | 26323  | 35.026 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 46116  | 43.617 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 52135  | 36.635 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 51619  | 39.298 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 52770  | 33.436 | ng | 95     |
| 31) Naphthalene                | 10.87 | 128 | 150260 | 39.830 | ng | 97     |
| 32) Benzoic acid               | 10.17 | 122 | 12618  | 25.032 | ng | 96     |
| 33) 4-Chloroaniline            | 10.99 | 127 | 32788  | 19.424 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.13 | 225 | 36729  | 33.822 | ng | 95     |
| 35) Caprolactam                | 11.78 | 113 | 10587  | 20.100 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 52090  | 37.078 | ng | 88     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 99160  | 35.059 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 92443  | 34.051 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 63481  | 39.601 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG012319\  
 Data File : BG039267.D  
 Acq On : 23 Jan 2019 17:30  
 Operator : JU/SJ  
 Sample : IDOC-W-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

Quant Time: Jan 24 00:14:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

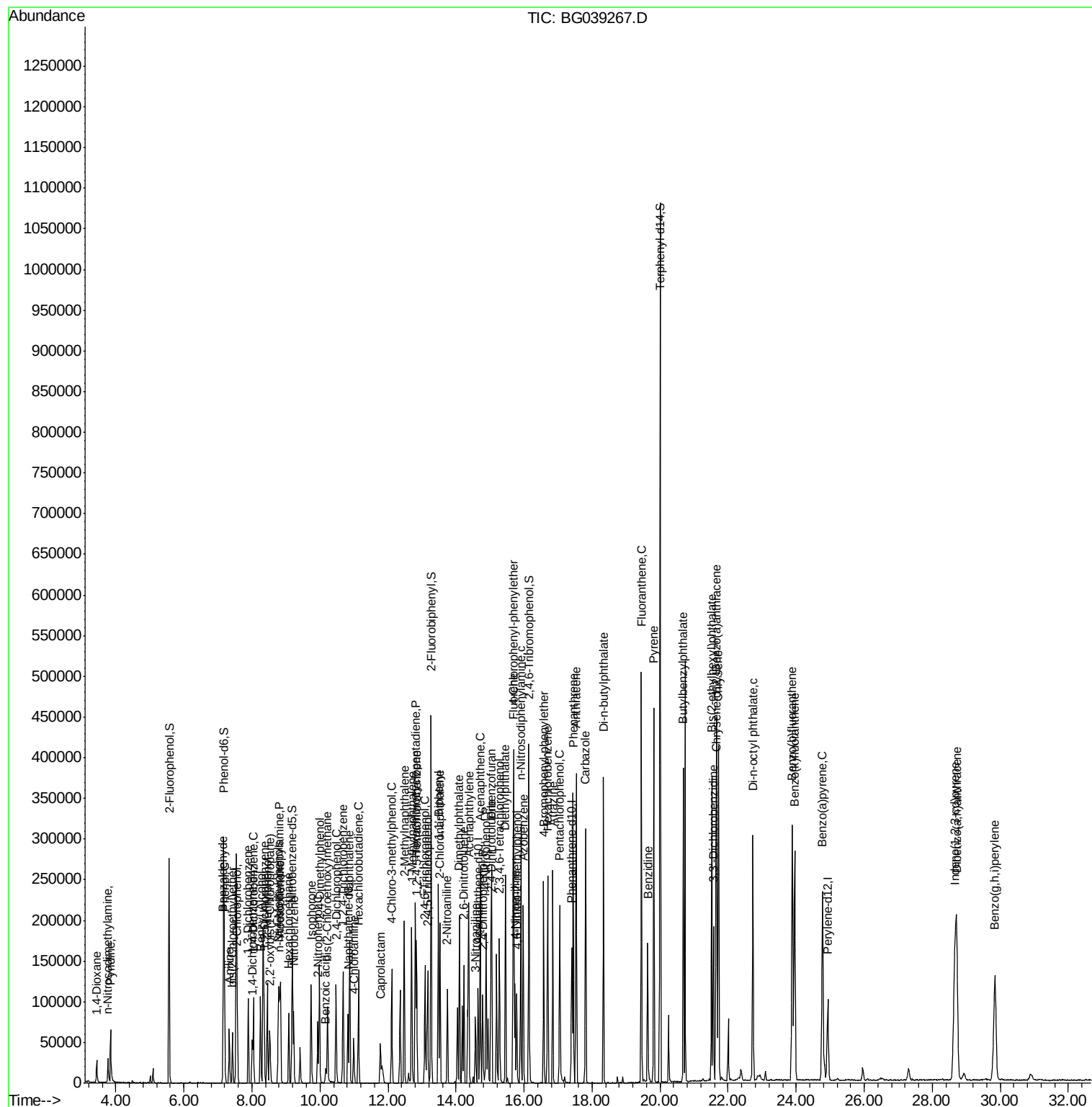
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.80 | 237  | 70832    | 78.566 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 41970    | 41.599 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 46065    | 43.200 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.48 | 154  | 131060   | 38.750 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 107490   | 39.273 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 33235    | 43.344 | ng    | 99       |
| 49) Acenaphthylene             | 14.38 | 152  | 175711   | 42.712 | ng    | 99       |
| 50) Dimethylphthalate          | 14.10 | 163  | 145056   | 40.215 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.24 | 165  | 33088    | 41.030 | ng    | 98       |
| 52) Acenaphthene               | 14.71 | 154  | 100728   | 40.753 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 22470    | 27.467 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 33035    | 69.290 | ng    | 92       |
| 55) Dibenzofuran               | 15.05 | 168  | 177511   | 40.664 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.88 | 139  | 48962    | 83.180 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 48372    | 41.809 | ng    | 97       |
| 58) Fluorene                   | 15.70 | 166  | 143165   | 43.570 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 42903    | 42.622 | ng    | 99       |
| 60) Diethylphthalate           | 15.45 | 149  | 150511   | 40.500 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.68 | 204  | 81851    | 39.540 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 33863    | 39.735 | ng    | 96       |
| 63) Azobenzene                 | 15.97 | 77   | 117860   | 40.554 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 30369    | 36.305 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 132774   | 39.667 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.58 | 248  | 55621    | 38.322 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 60799    | 38.389 | ng    | 98       |
| 69) Atrazine                   | 16.84 | 200  | 54818    | 38.552 | ng    | 95       |
| 70) Pentachlorophenol          | 17.05 | 266  | 53422    | 56.437 | ng    | 97       |
| 71) Phenanthrene               | 17.44 | 178  | 254377   | 42.623 | ng    | 98       |
| 72) Anthracene                 | 17.53 | 178  | 258546   | 43.816 | ng    | 100      |
| 73) Carbazole                  | 17.81 | 167  | 224127   | 38.476 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 269382   | 41.569 | ng    | 98       |
| 75) Fluoranthene               | 19.45 | 202  | 336161   | 45.437 | ng    | 100      |
| 77) Benzidine                  | 19.63 | 184  | 114715   | 32.025 | ng    | 99       |
| 78) Pyrene                     | 19.81 | 202  | 322228   | 43.174 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 120282   | 42.374 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.65 | 228  | 309771   | 43.451 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 75958    | 26.150 | ng    | 96       |
| 83) Chrysene                   | 21.71 | 228  | 285302   | 42.077 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.51 | 149  | 163266   | 41.423 | ng    | 94       |
| 85) Di-n-octyl phthalate       | 22.73 | 149  | 278333   | 41.763 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.67 | 276  | 382016   | 47.151 | ng    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.88 | 252  | 324562   | 48.221 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.95 | 252  | 313786   | 47.151 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.78 | 252  | 297583   | 45.741 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.72 | 278  | 311886   | 48.197 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.84 | 276  | 294060   | 45.901 | ng    | 98       |

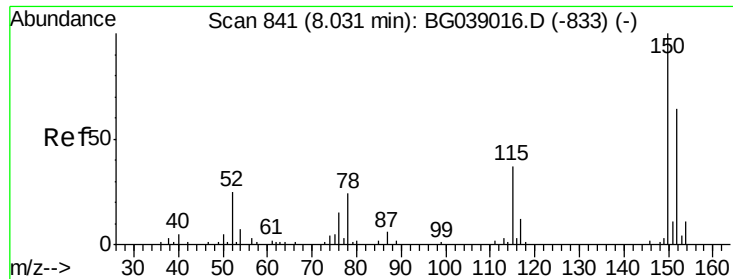
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG012319\  
 Data File : BG039267.D  
 Acq On : 23 Jan 2019 17:30  
 Operator : JU/SJ  
 Sample : IDOC-W-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

Quant Time: Jan 24 00:14:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration



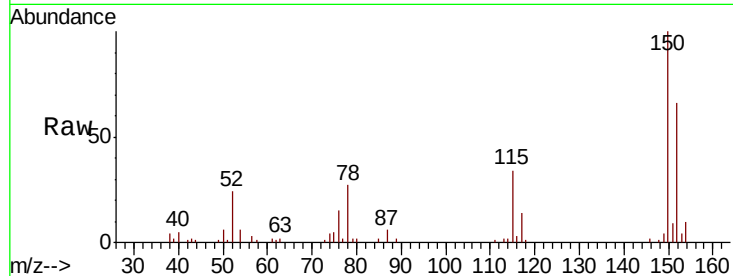


#1

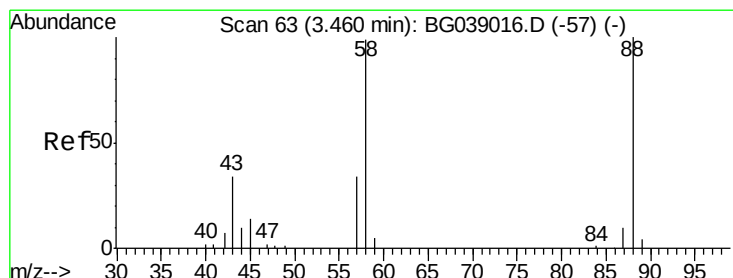
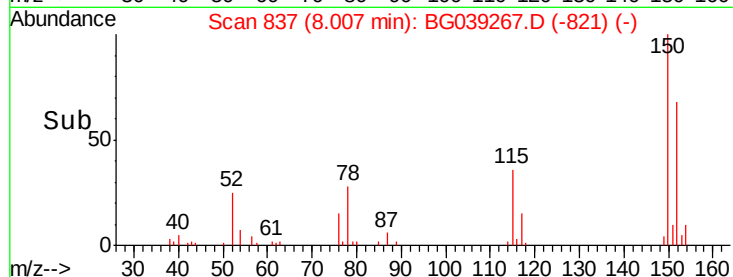
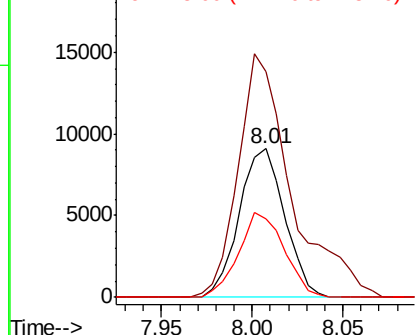
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 837  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

Tgt Ion:152 Resp: 15823  
Ion Ratio Lower Upper  
152 100  
150 152.5 124.7 187.1  
115 52.5 46.5 69.7



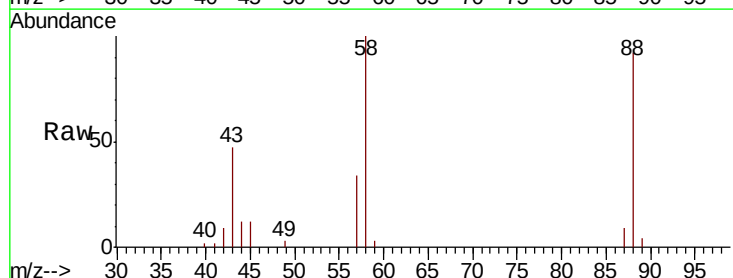
Abundance Ion 152.00 (151.70 to 152.70): E  
20000 Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



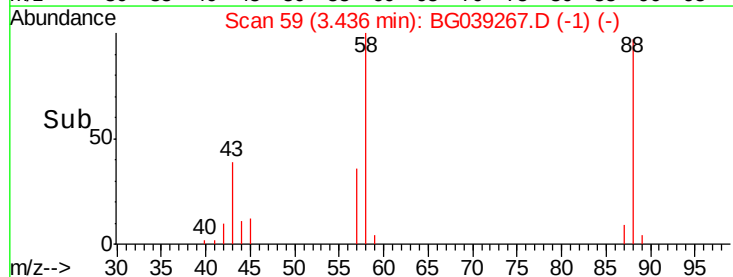
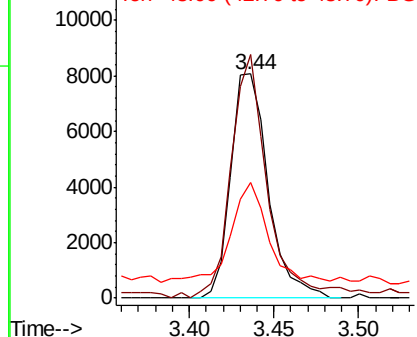
#2

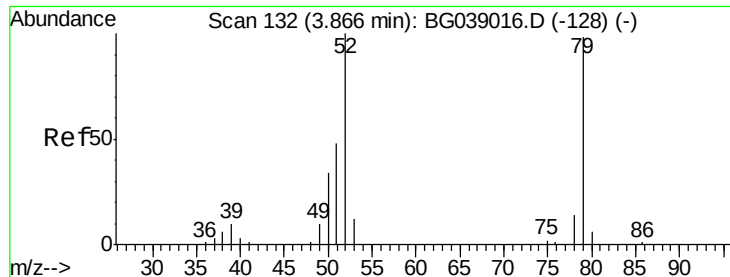
1,4-Dioxane  
Concen: 38.094 ng  
RT: 3.44 min Scan# 59  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Tgt Ion: 88 Resp: 12443  
Ion Ratio Lower Upper  
88 100  
58 107.7 72.4 108.6  
43 45.6 27.6 41.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC  
12000 Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 41.051 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

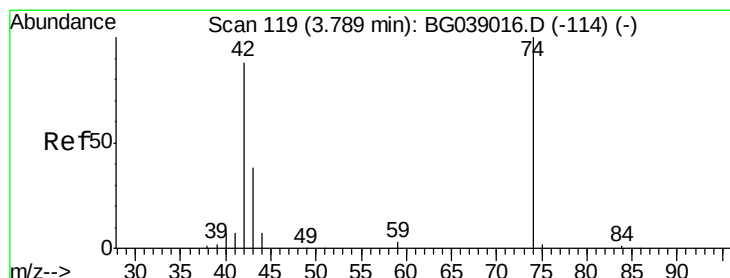
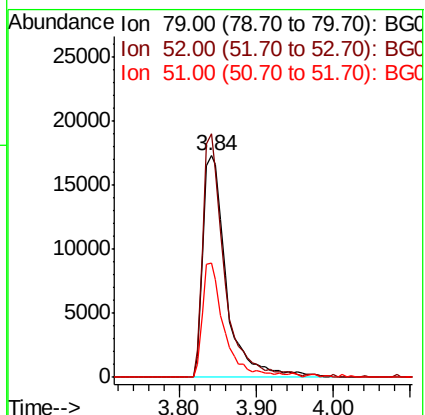
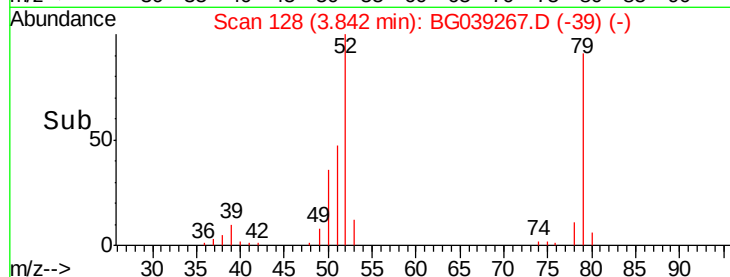
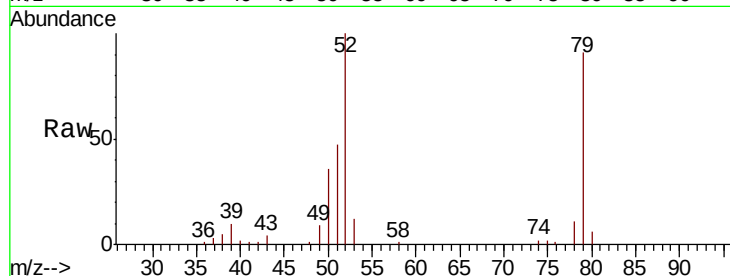
Tgt Ion: 79 Resp: 36435

Ion Ratio Lower Upper

79 100

52 110.0 81.5 122.3

51 51.4 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 45.547 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

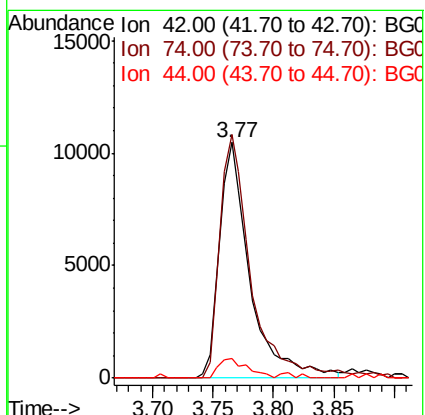
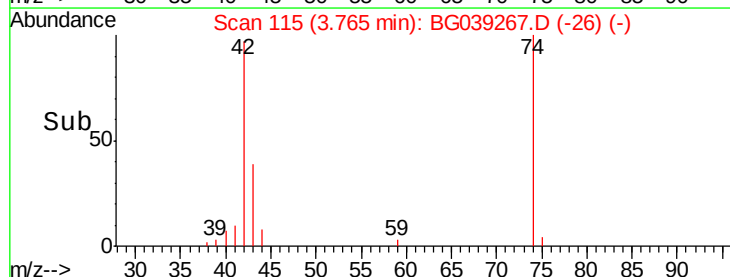
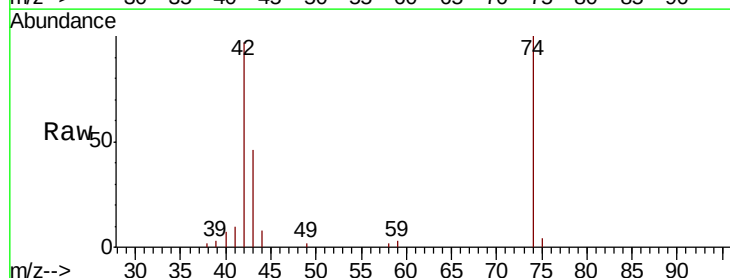
Tgt Ion: 42 Resp: 18191

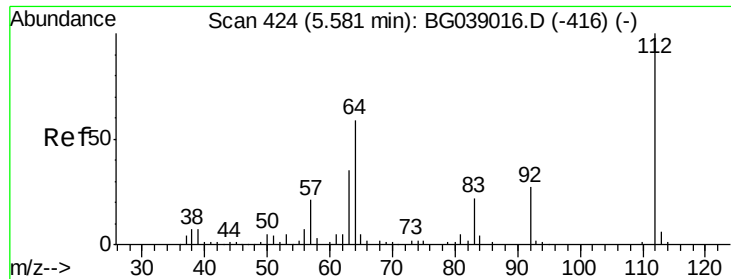
Ion Ratio Lower Upper

42 100

74 103.3 90.7 136.1

44 8.3 6.5 9.7





#5

2-Fluorophenol

Concen: 148.445 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

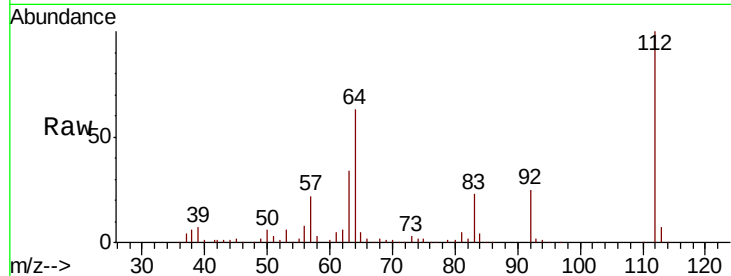
Tgt Ion: 112 Resp: 123820

Ion Ratio Lower Upper

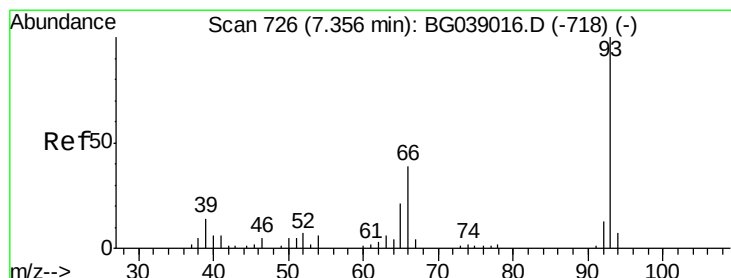
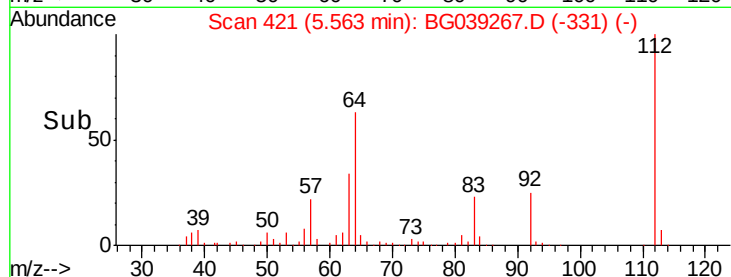
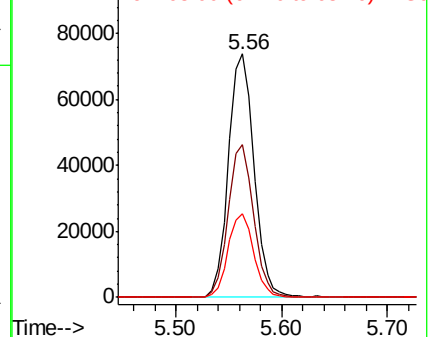
112 100

64 63.0 47.0 70.6

63 34.5 28.0 42.0



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: 31.129 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

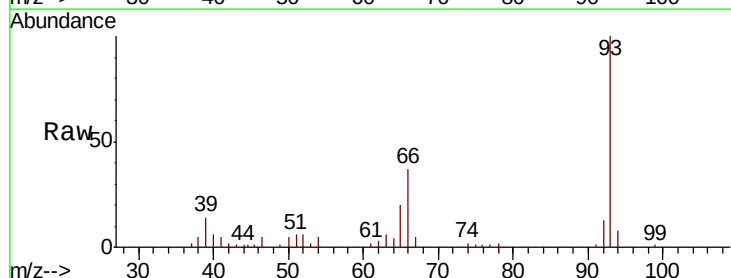
Tgt Ion: 93 Resp: 44877

Ion Ratio Lower Upper

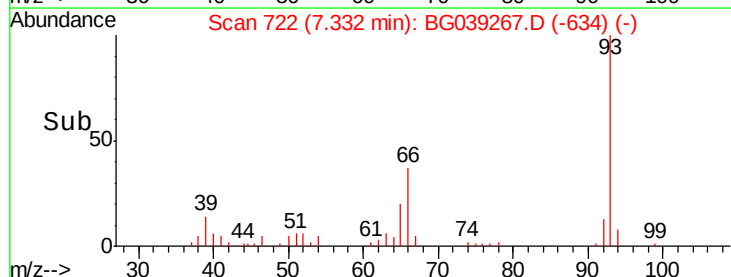
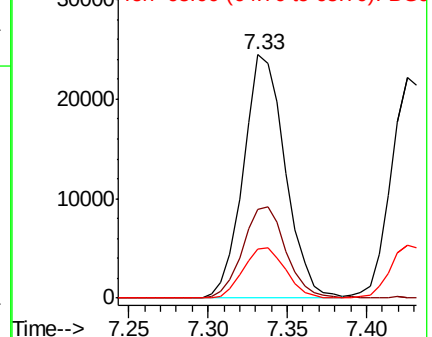
93 100

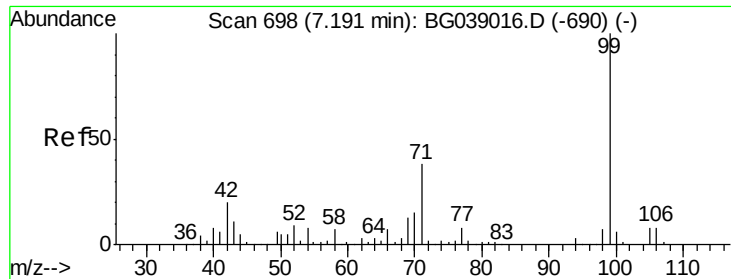
66 36.6 30.9 46.3

65 20.2 17.0 25.4



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: 142.896 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

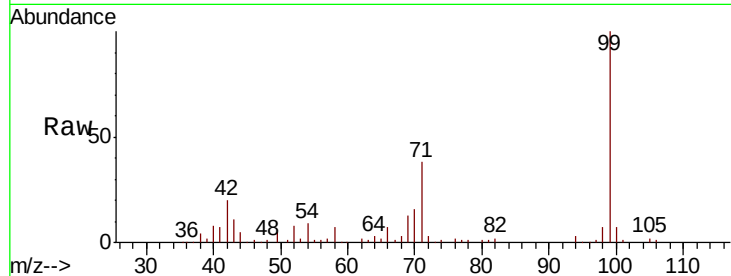
Tgt Ion: 99 Resp: 171532

Ion Ratio Lower Upper

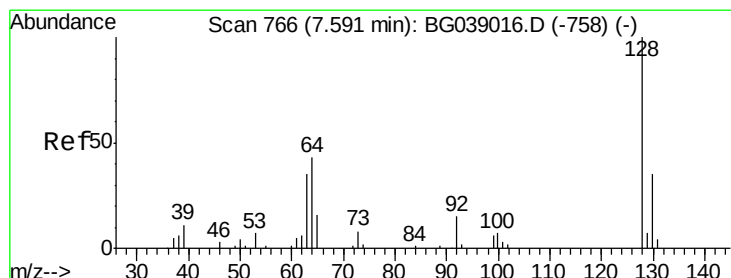
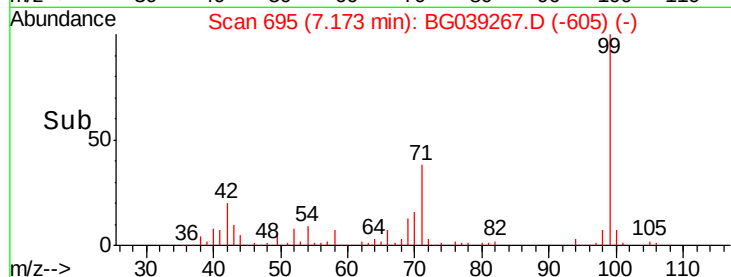
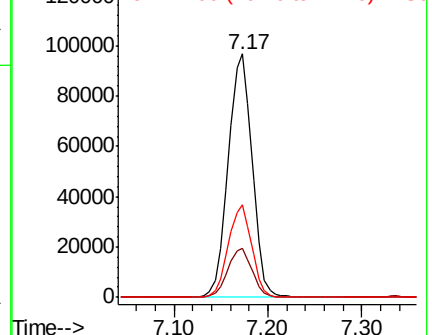
99 100

42 20.0 15.8 23.6

71 37.8 30.2 45.4



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: 47.098 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

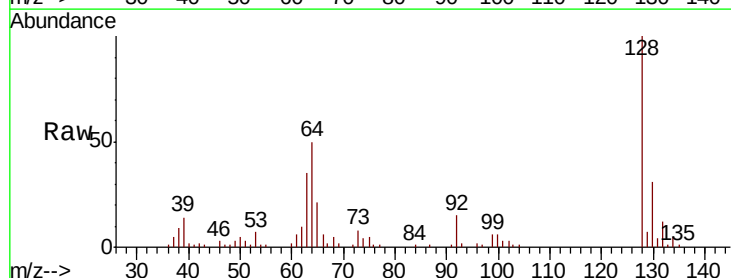
Tgt Ion: 128 Resp: 46309

Ion Ratio Lower Upper

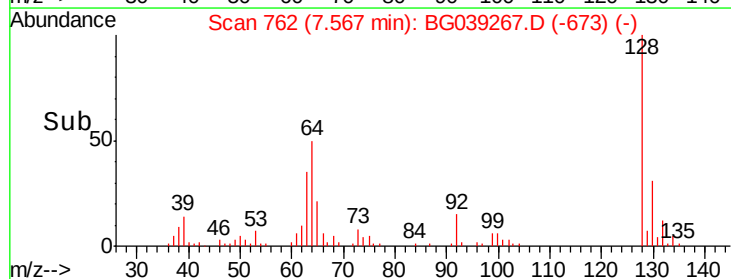
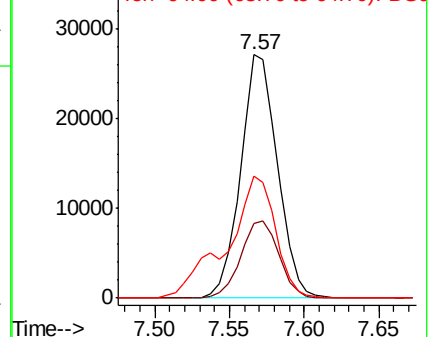
128 100

130 30.9 14.5 54.5

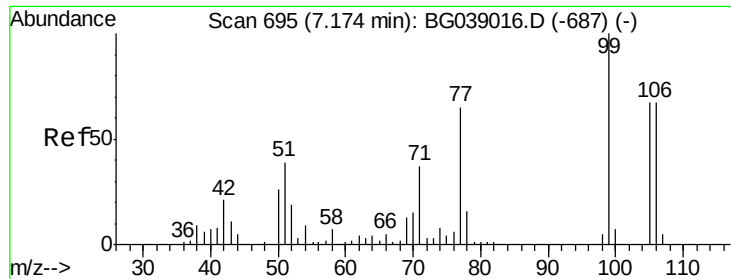
64 50.3 27.3 67.3



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







#9

Benzaldehyde

Concen: 16.215 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

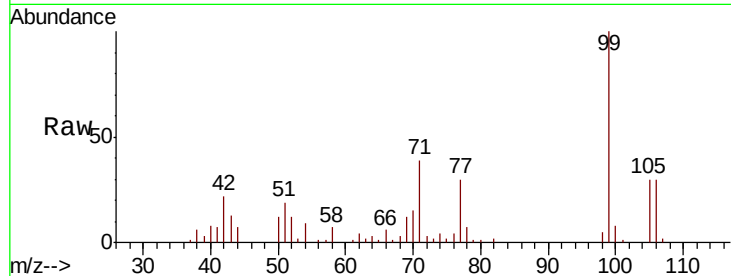
Tgt Ion: 77 Resp: 11225

Ion Ratio Lower Upper

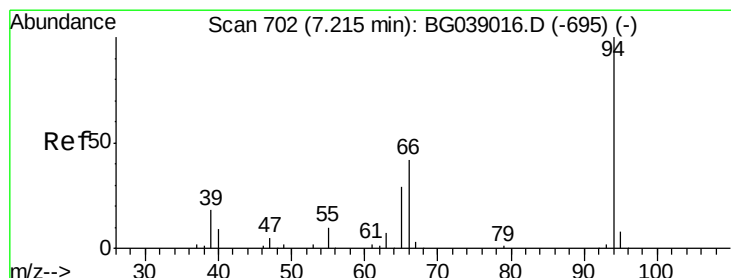
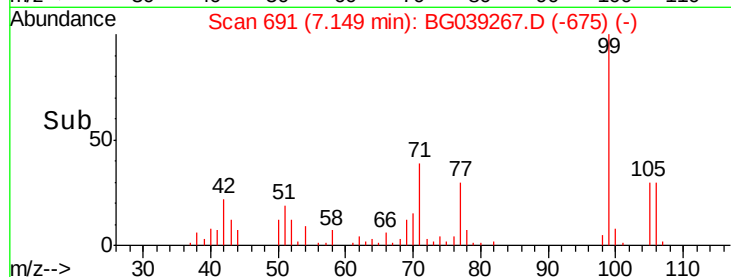
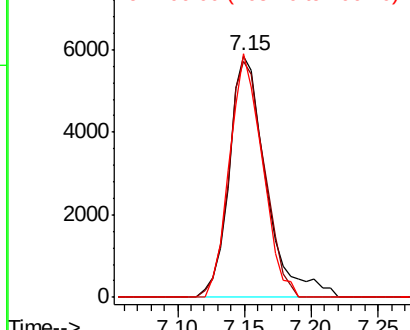
77 100

105 97.9 82.4 122.4

106 100.8 82.8 122.8



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



#10

Phenol

Concen: 47.906 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

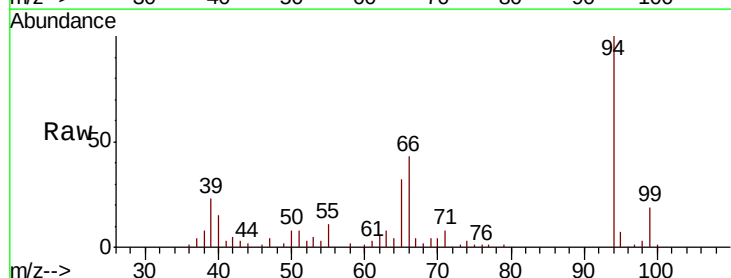
Tgt Ion: 94 Resp: 57655

Ion Ratio Lower Upper

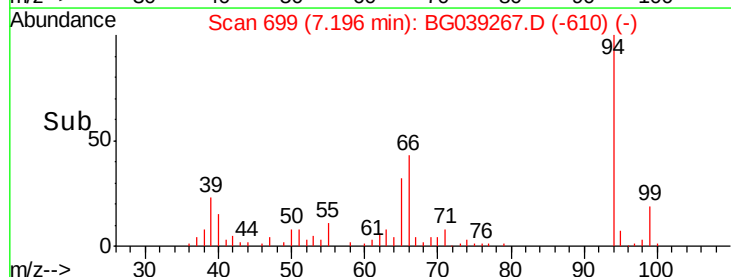
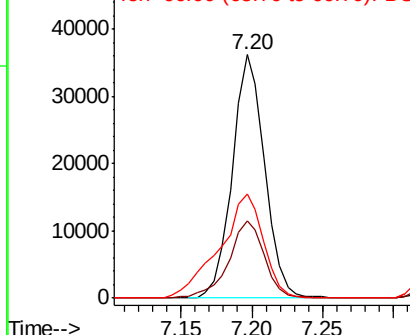
94 100

65 31.6 10.3 50.3

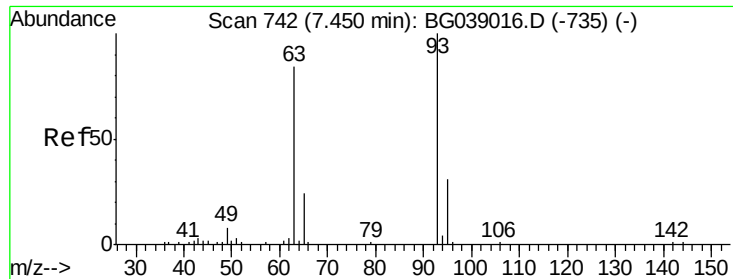
66 42.5 25.1 65.1



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



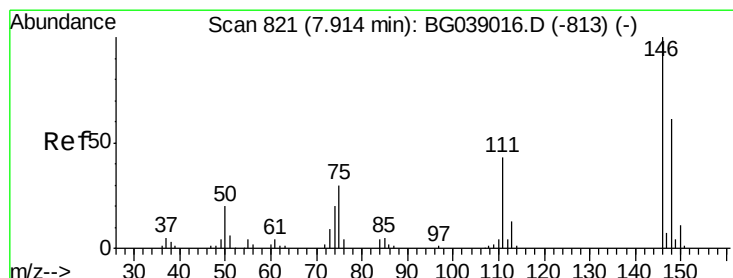
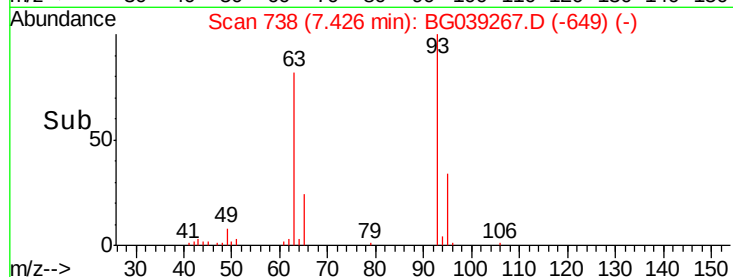
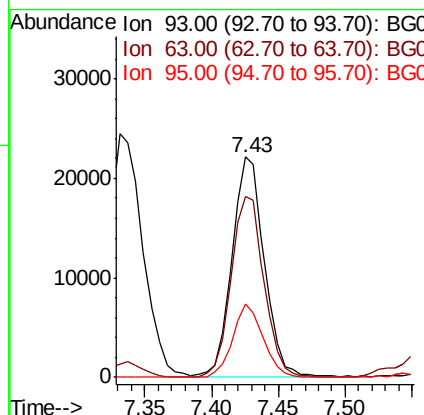
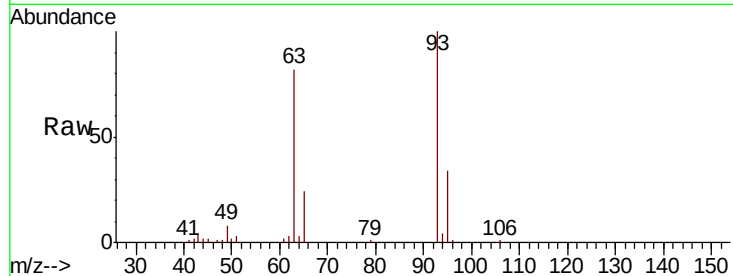




#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.677 ng  
 RT: 7.43 min Scan# 738  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

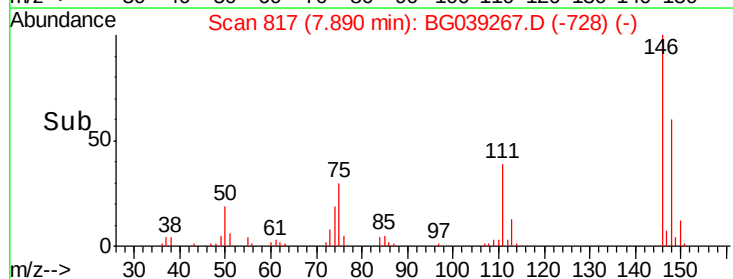
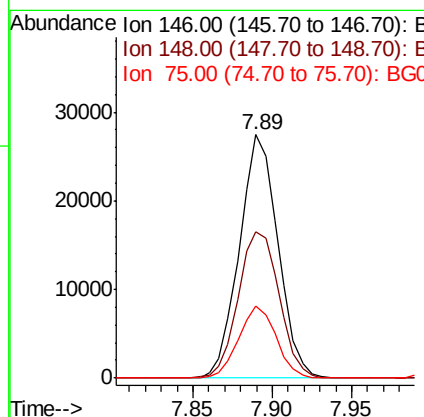
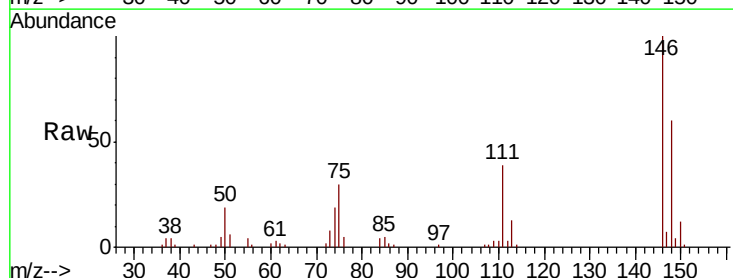
Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

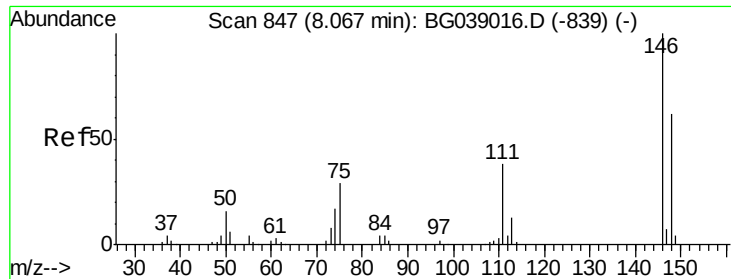
Tgt Ion: 93 Resp: 37415  
 Ion Ratio Lower Upper  
 93 100  
 63 82.2 63.2 103.2  
 95 33.6 11.2 51.2



#12  
 1,3-Dichlorobenzene  
 Concen: 39.273 ng  
 RT: 7.89 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Tgt Ion: 146 Resp: 46265  
 Ion Ratio Lower Upper  
 146 100  
 148 60.2 49.1 73.7  
 75 29.7 23.9 35.9

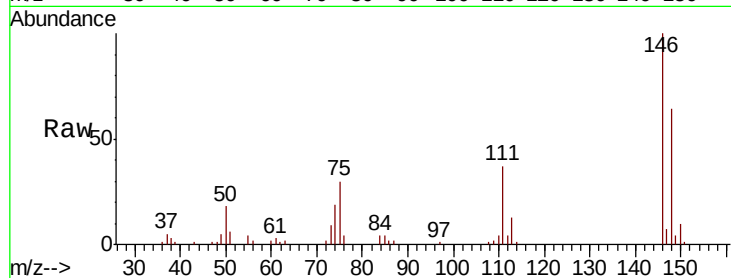




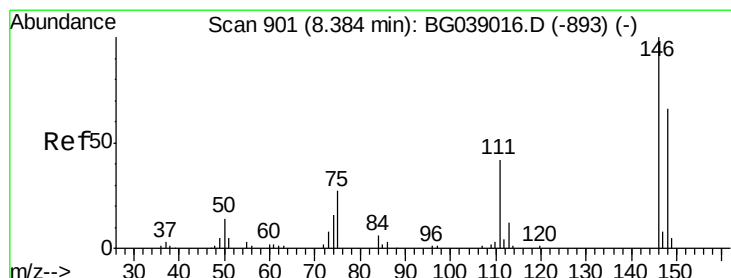
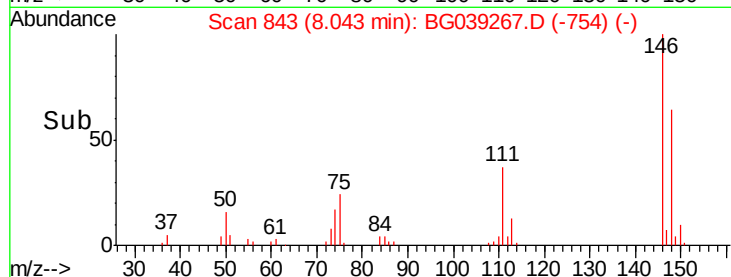
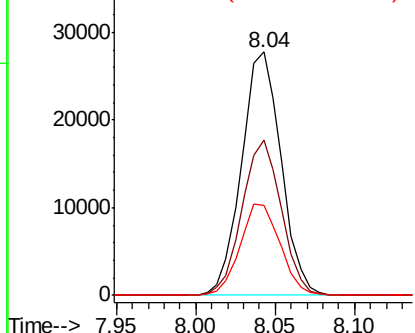
#13  
 1,4-Dichlorobenzene  
 Concen: 40.336 ng  
 RT: 8.04 min Scan# 843  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

Tgt Ion:146 Resp: 48125  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 49.8 74.6  
 111 37.0 30.6 45.8

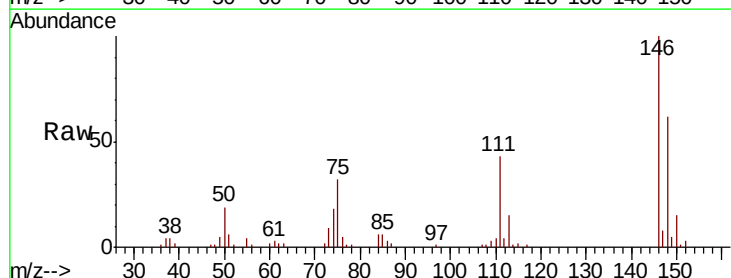


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

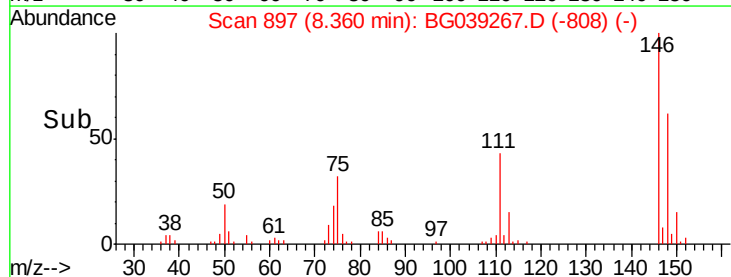
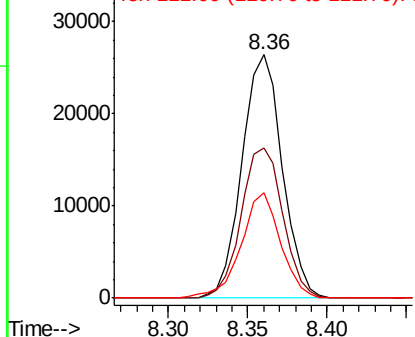


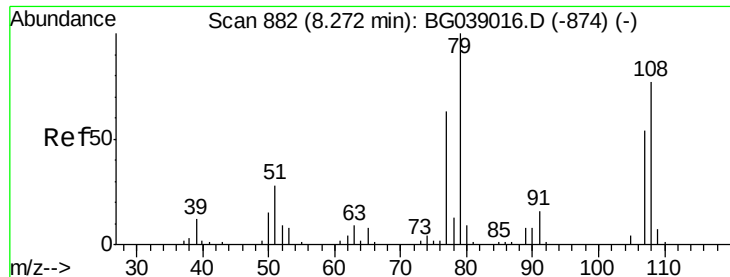
#14  
 1,2-Dichlorobenzene  
 Concen: 41.014 ng  
 RT: 8.36 min Scan# 897  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Tgt Ion:146 Resp: 46656  
 Ion Ratio Lower Upper  
 146 100  
 148 61.5 52.6 79.0  
 111 43.5 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 44.177 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

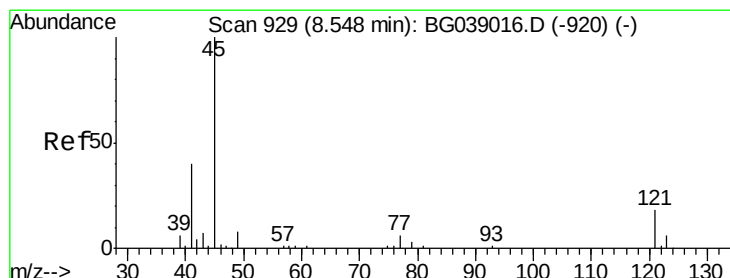
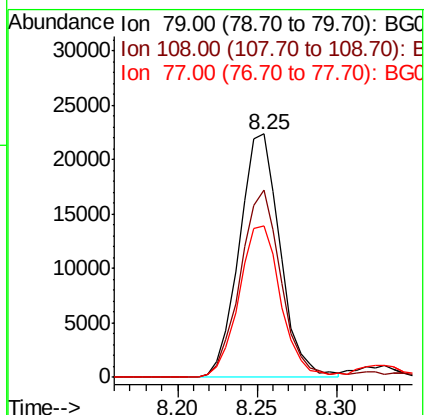
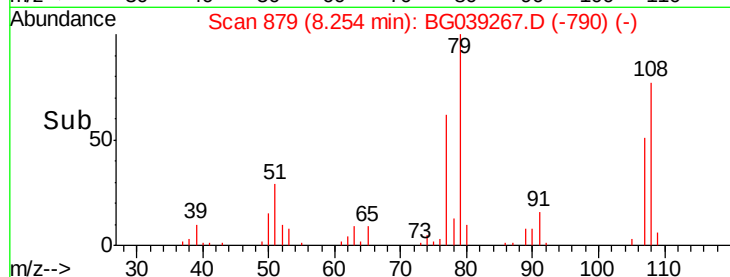
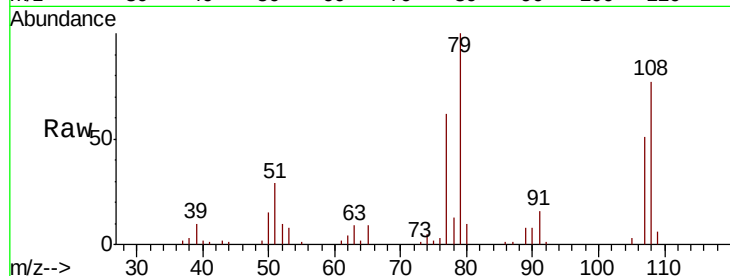
Tgt Ion: 79 Resp: 39936

Ion Ratio Lower Upper

79 100

108 77.1 62.0 93.0

77 62.5 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.341 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

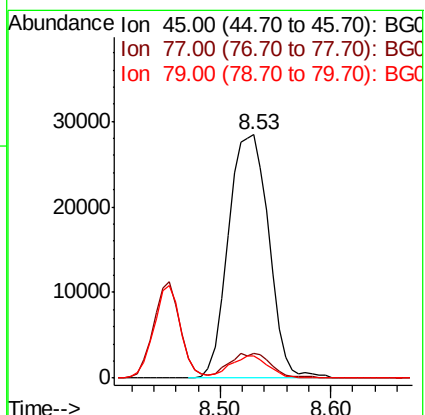
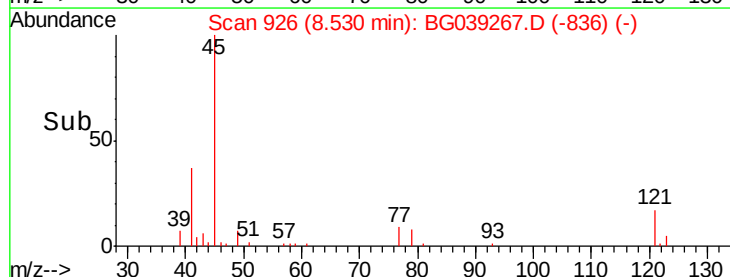
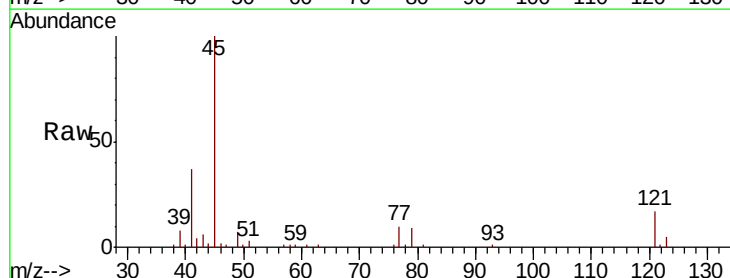
Tgt Ion: 45 Resp: 72916

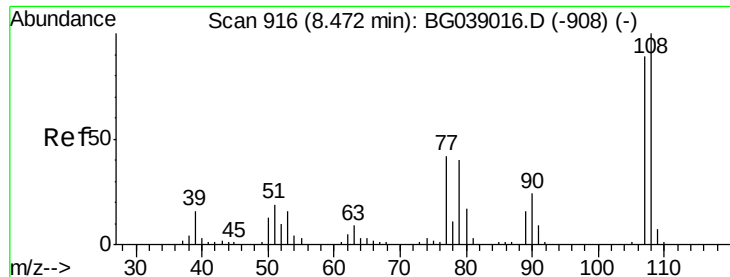
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.7

79 9.1 0.0 28.5

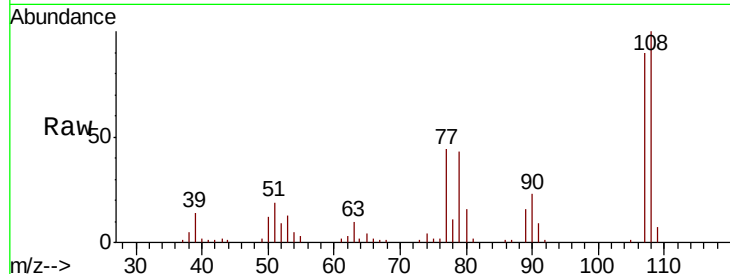




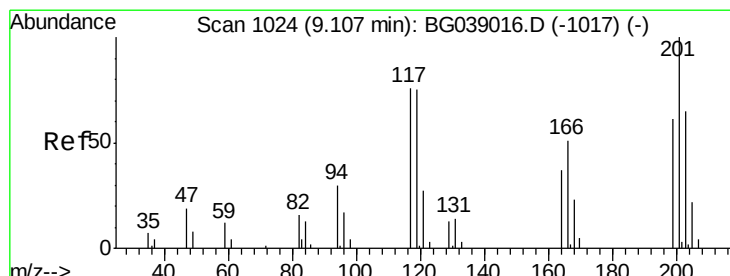
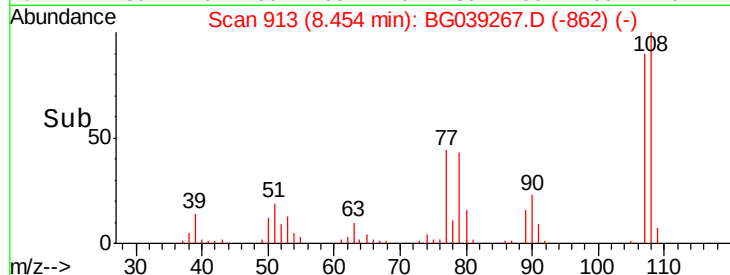
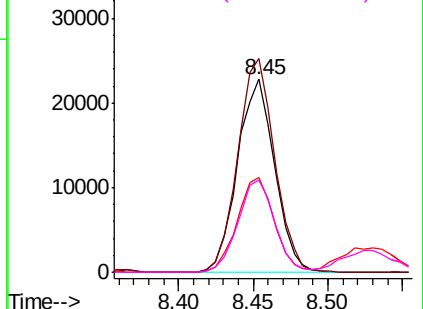
#17  
2-Methylphenol  
Concen: 47.203 ng  
RT: 8.45 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

Tgt Ion:107 Resp: 39446  
Ion Ratio Lower Upper  
107 100  
108 110.6 90.3 135.5  
77 49.1 38.3 57.5  
79 47.4 35.8 53.6

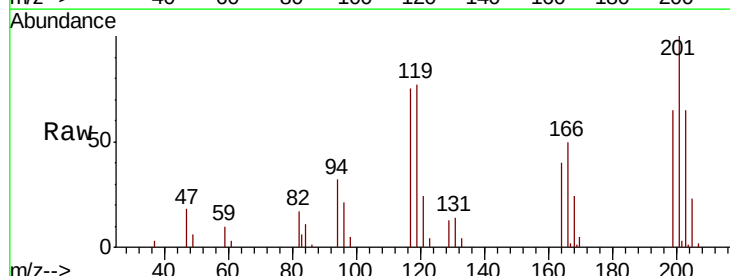


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

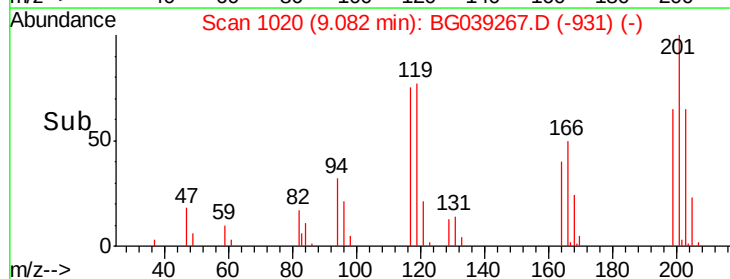
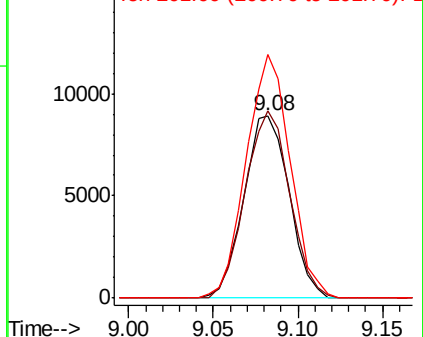


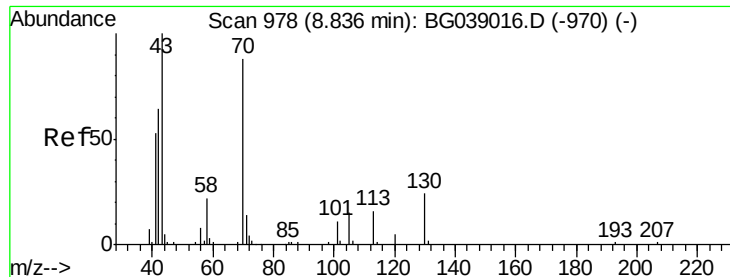
#18  
Hexachloroethane  
Concen: 40.981 ng  
RT: 9.08 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Tgt Ion:117 Resp: 16611  
Ion Ratio Lower Upper  
117 100  
119 102.3 78.7 118.1  
201 137.2 108.1 162.1



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

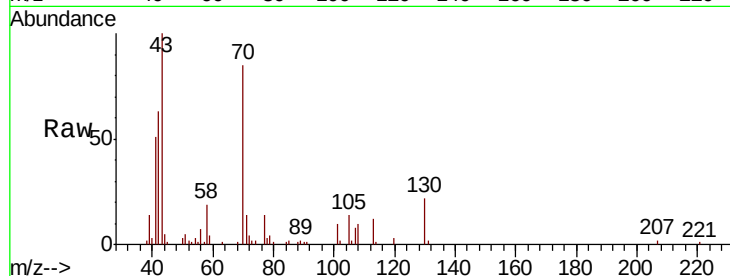




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.145 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 30857 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 74.7  | 59.0  | 88.4  |
| 101      | 12.1  | 10.4  | 15.6  |
| 130      | 25.7  | 21.6  | 32.4  |



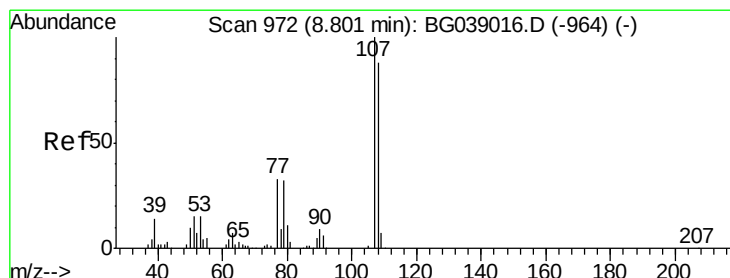
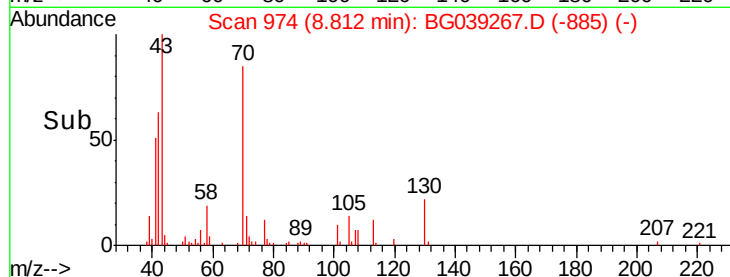
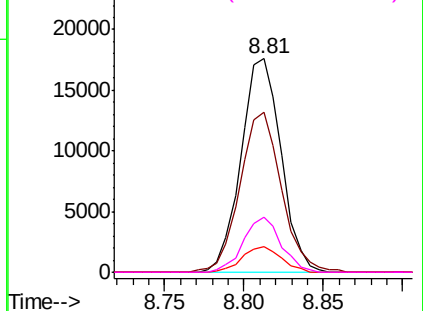
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

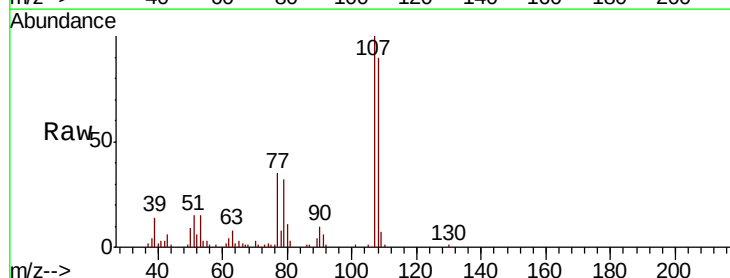
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 45.435 ng  
RT: 8.78 min Scan# 969  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 54134 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 90.5  | 68.4  | 108.4 |
| 77       | 35.3  | 13.3  | 53.3  |
| 79       | 32.5  | 11.6  | 51.6  |



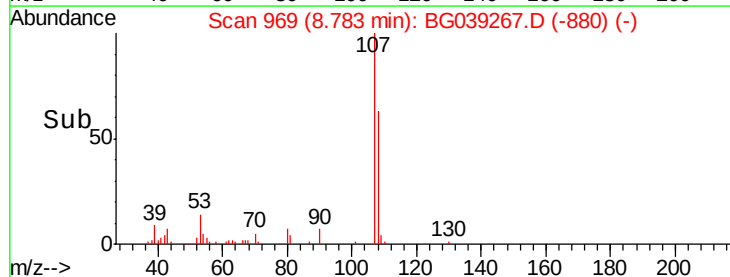
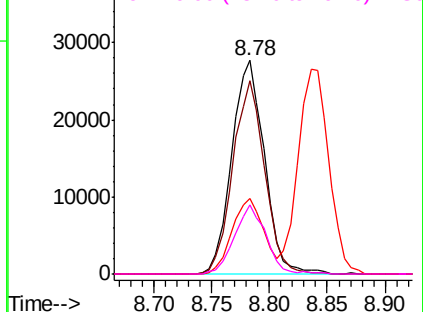
Abundance

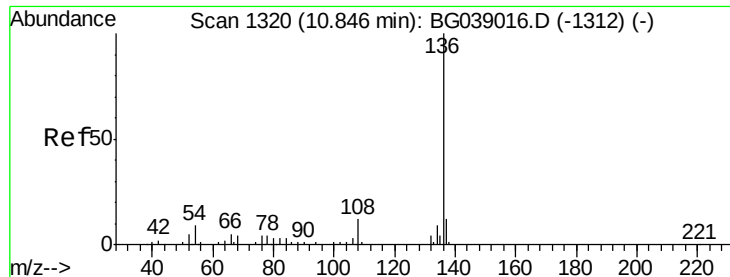
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

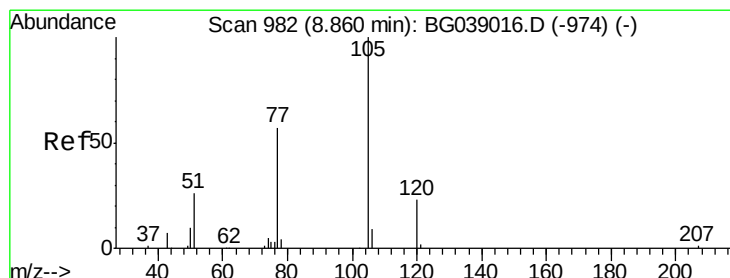
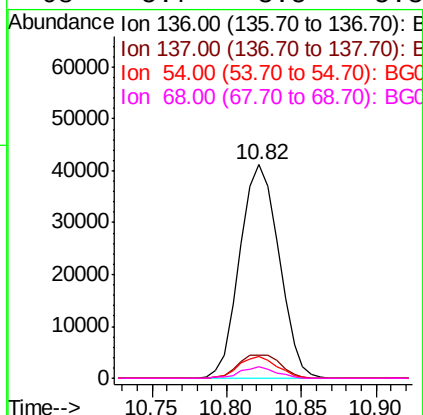
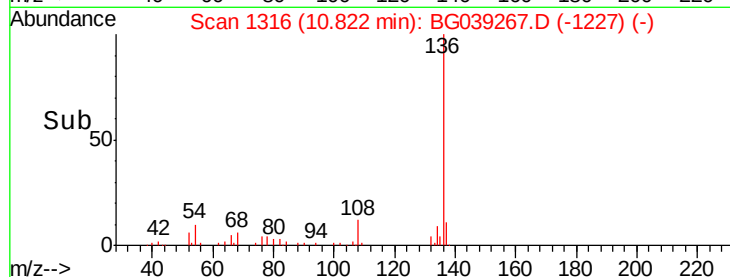
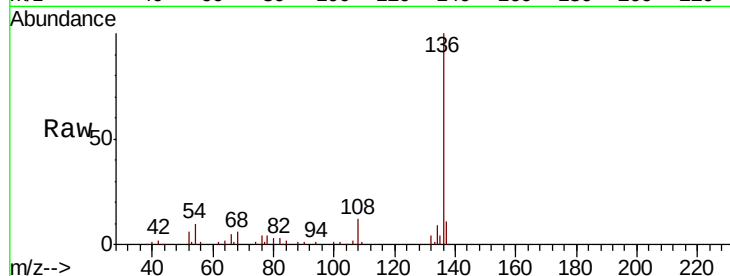




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

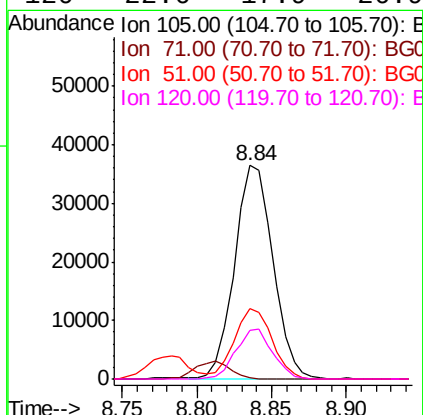
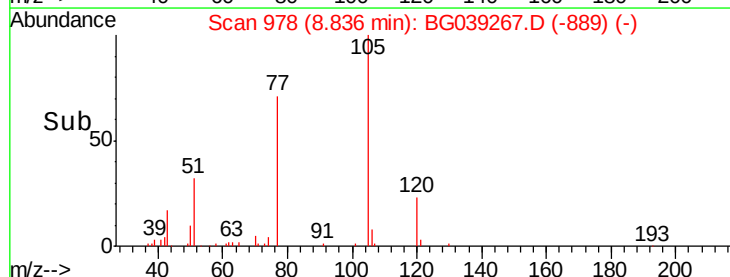
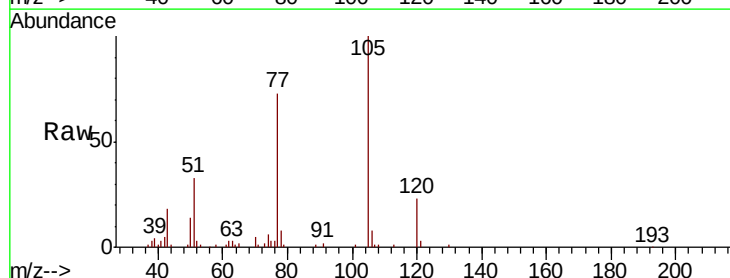
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

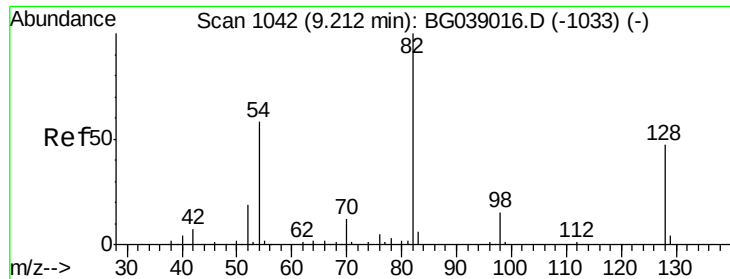
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 75218 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.9  | 9.4   | 14.2  |
| 54       | 10.1  | 7.2   | 10.8  |
| 68       | 5.7   | 3.5   | 5.3#  |



#22  
Acetophenone  
Concen: 33.299 ng  
RT: 8.84 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 65410 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.7   | 0.6   | 1.0   |
| 51       | 32.9  | 26.6  | 39.8  |
| 120      | 22.6  | 17.9  | 26.9  |

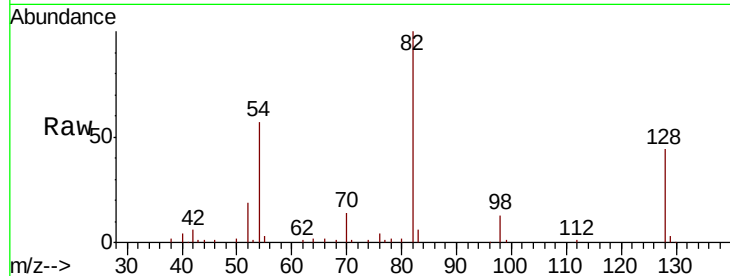




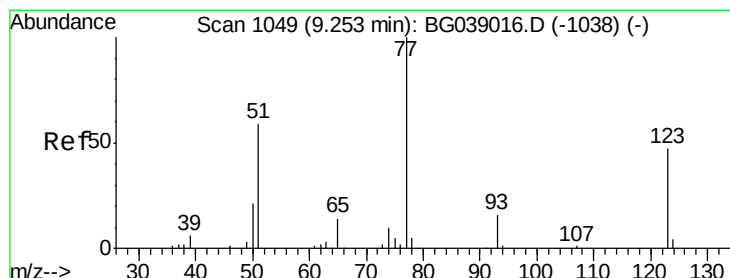
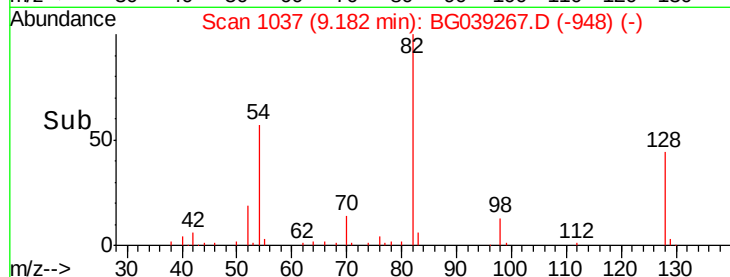
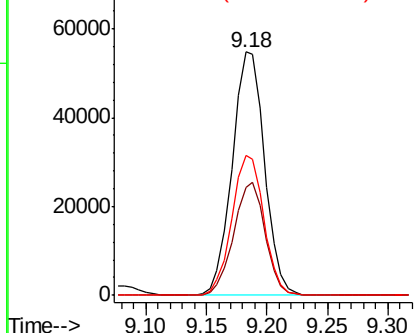
#23  
Nitrobenzene-d5  
Concen: 74.402 ng  
RT: 9.18 min Scan# 1037  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

Tgt Ion: 82 Resp: 102274  
Ion Ratio Lower Upper  
82 100  
128 44.2 37.3 55.9  
54 57.3 46.4 69.6

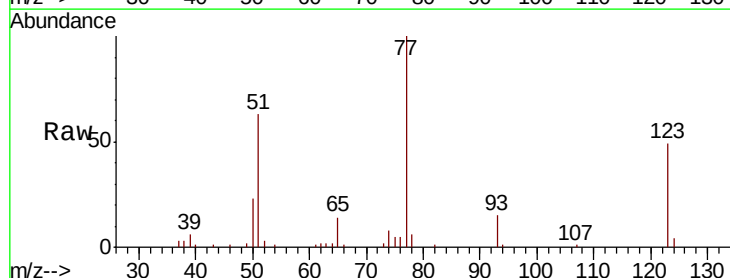


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

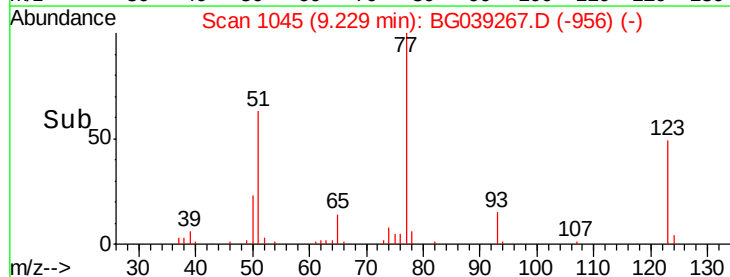
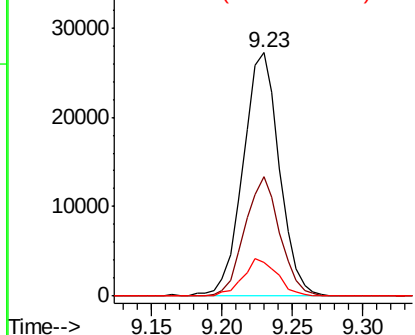


#24  
Nitrobenzene  
Concen: 35.331 ng  
RT: 9.23 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

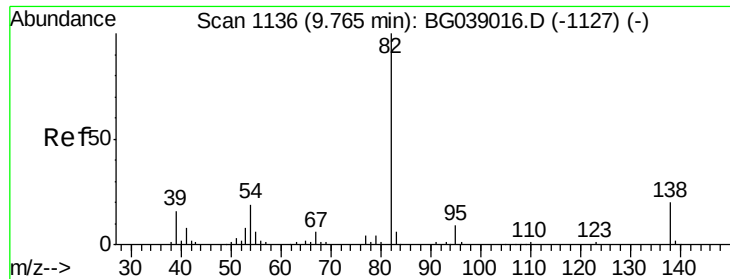
Tgt Ion: 77 Resp: 49090  
Ion Ratio Lower Upper  
77 100  
123 49.1 37.6 56.4  
65 13.9 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC



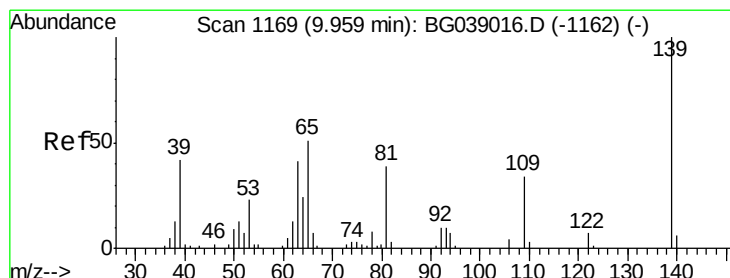
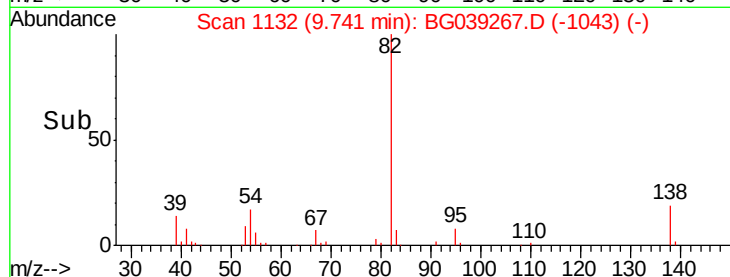
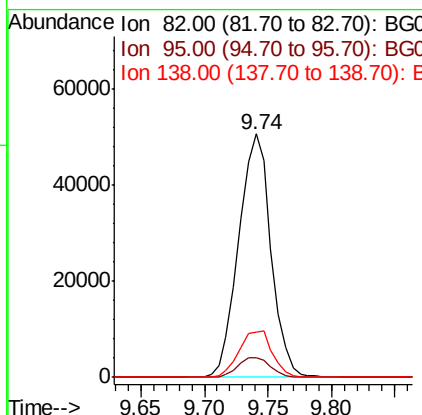
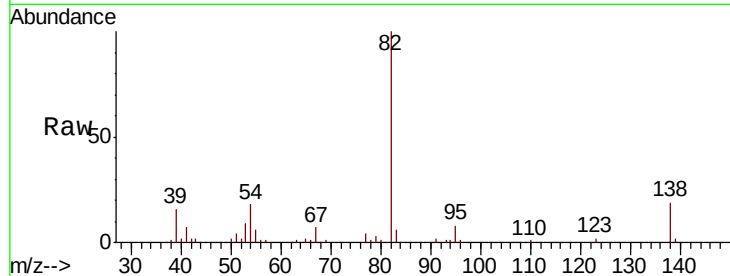




#25  
Isophorone  
Concen: 37.852 ng  
RT: 9.74 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

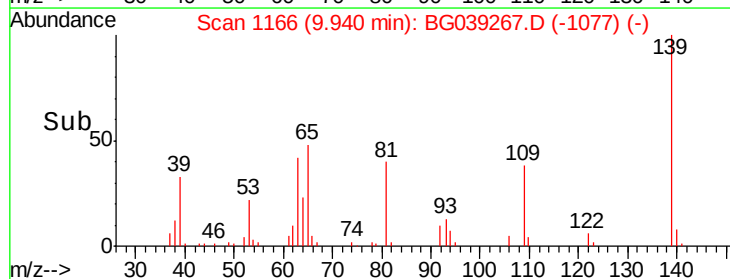
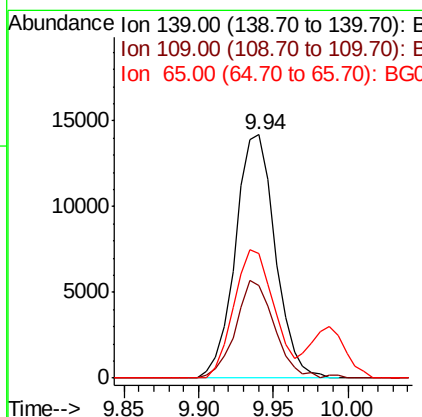
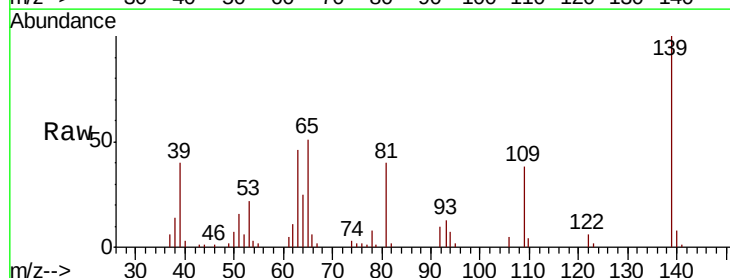
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

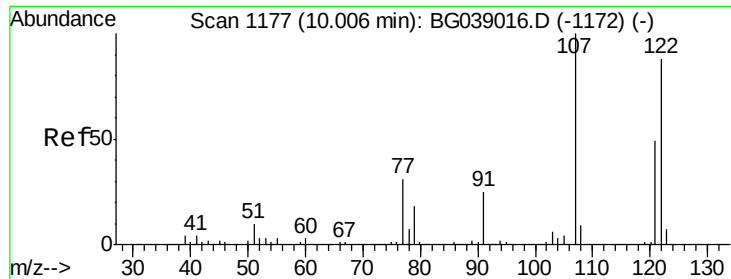
Tgt Ion: 82 Resp: 89627  
Ion Ratio Lower Upper  
82 100  
95 8.0 7.0 10.6  
138 18.6 16.2 24.4



#26  
2-Nitrophenol  
Concen: 35.026 ng  
RT: 9.94 min Scan# 1166  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Tgt Ion: 139 Resp: 26323  
Ion Ratio Lower Upper  
139 100  
109 38.0 27.3 40.9  
65 51.1 40.6 61.0

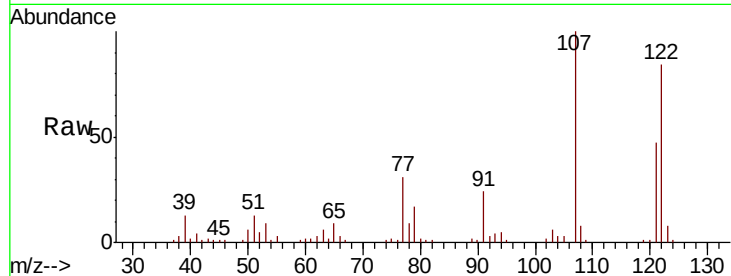




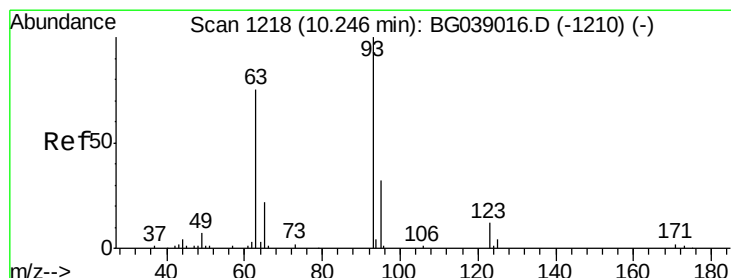
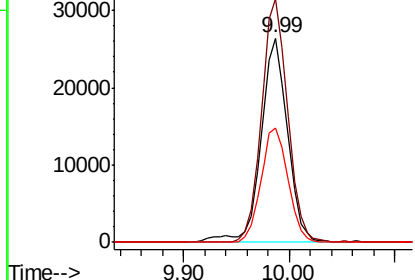
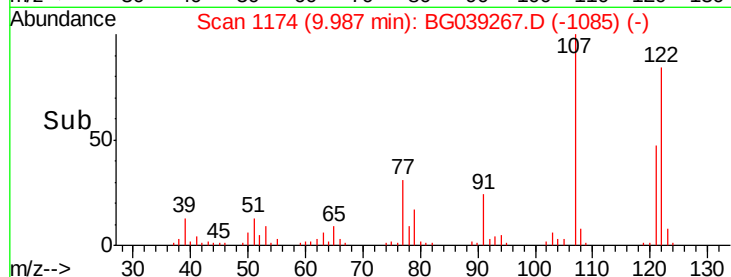
#27  
 2,4-Dimethylphenol  
 Concen: 43.617 ng  
 RT: 9.99 min Scan# 1174  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

Tgt Ion: 122 Resp: 46116  
 Ion Ratio Lower Upper  
 122 100  
 107 119.0 88.8 133.2  
 121 56.0 43.1 64.7

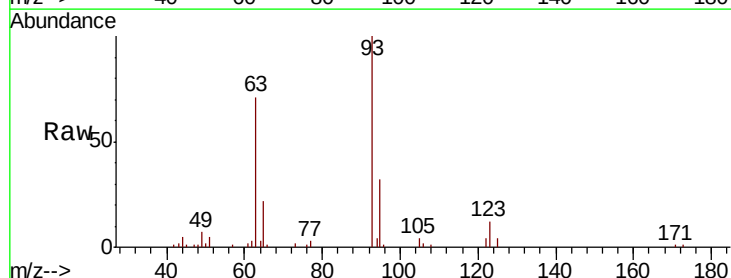


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

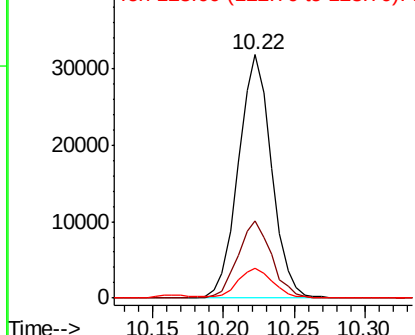
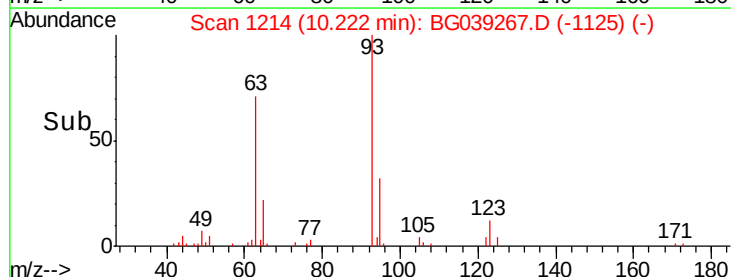


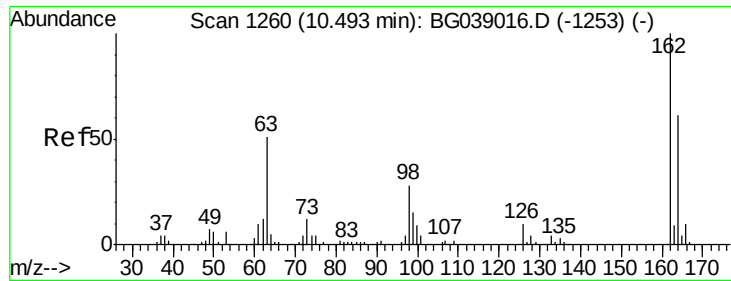
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.635 ng  
 RT: 10.22 min Scan# 1214  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Tgt Ion: 93 Resp: 52135  
 Ion Ratio Lower Upper  
 93 100  
 95 31.9 25.6 38.4  
 123 12.3 10.1 15.1



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

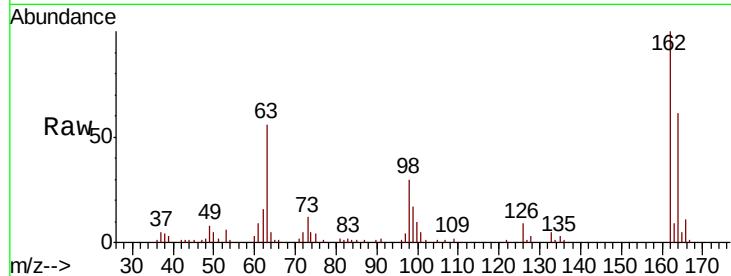




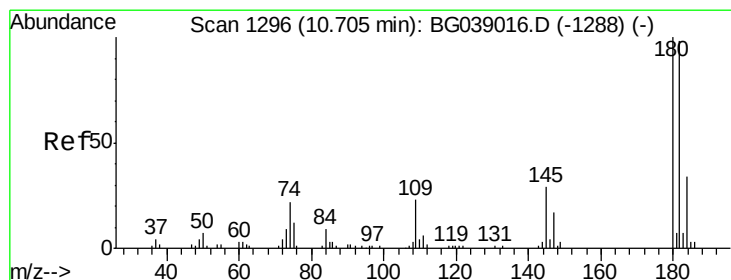
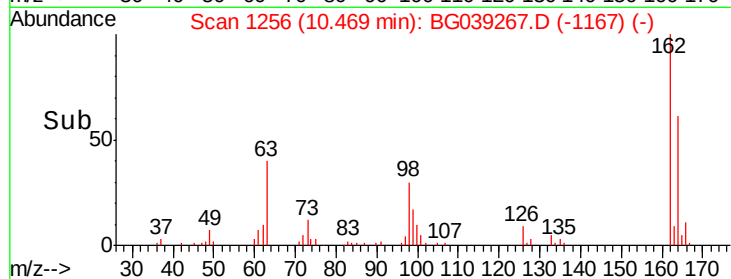
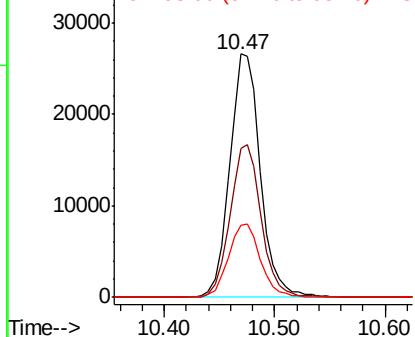
#29  
 2,4-Dichlorophenol  
 Concen: 39.298 ng  
 RT: 10.47 min Scan# 1256  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.3  | 41.3  | 81.3  |
| 98      | 29.6  | 8.3   | 48.3  |

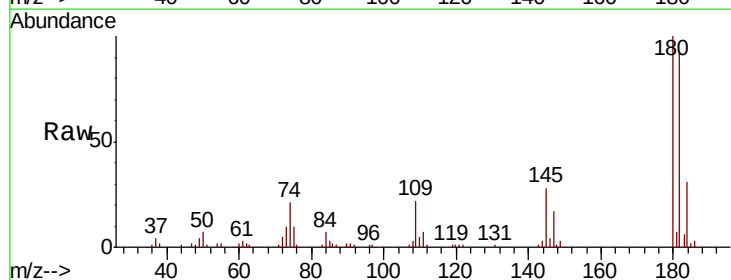


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

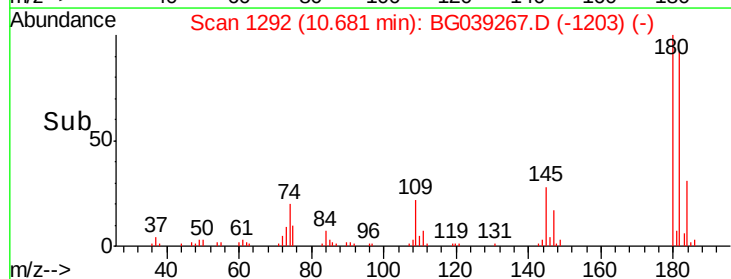
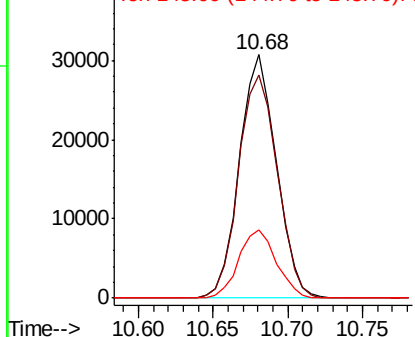


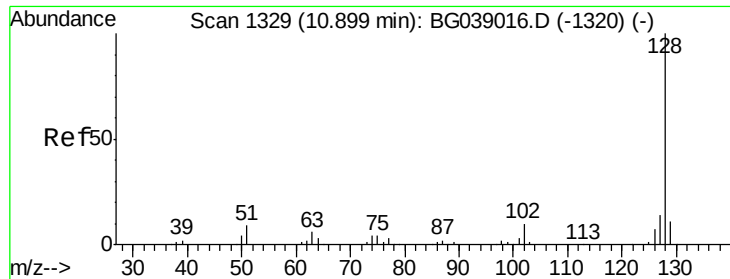
#30  
 1,2,4-Trichlorobenzene  
 Concen: 33.436 ng  
 RT: 10.68 min Scan# 1292  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.8  | 78.1  | 117.1 |
| 145     | 27.9  | 23.1  | 34.7  |



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

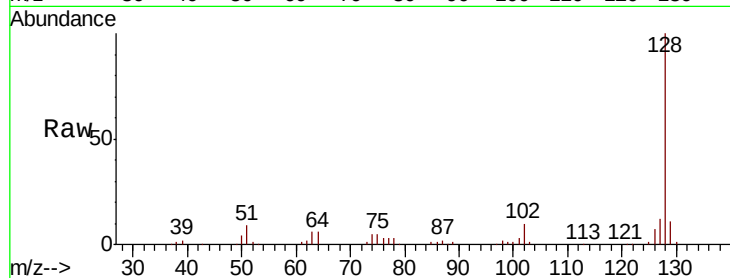




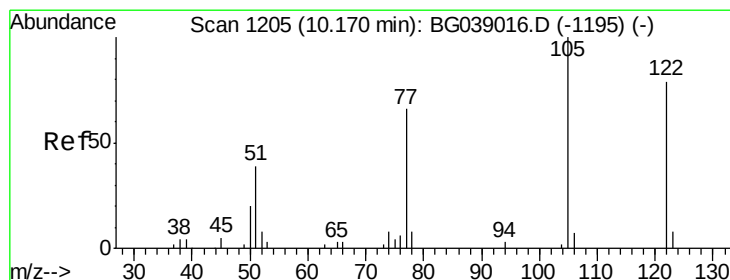
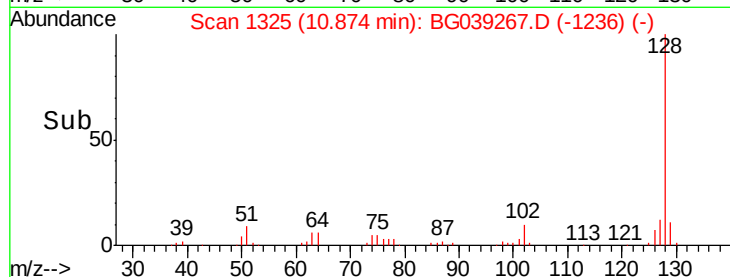
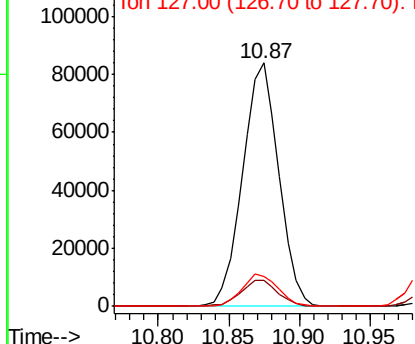
#31  
Naphthalene  
Concen: 39.830 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

Tgt Ion:128 Resp: 150260  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.1 13.7  
127 12.5 11.2 16.8

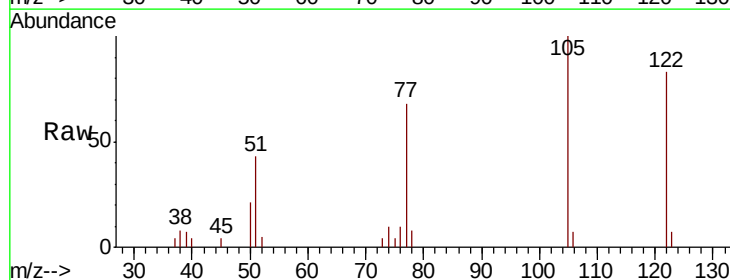


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

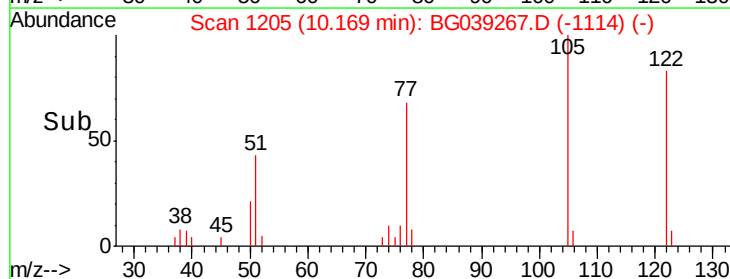
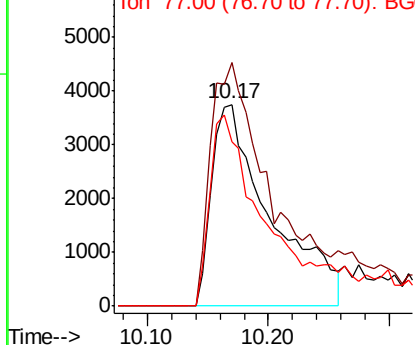


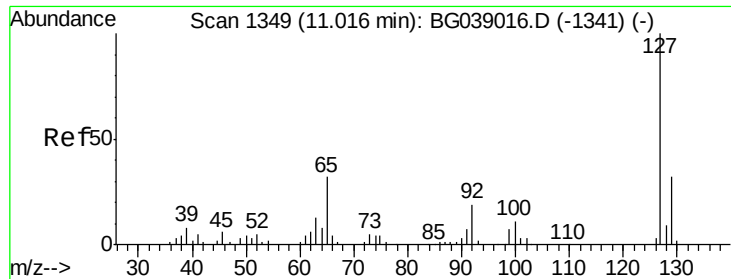
#32  
Benzoic acid  
Concen: 25.032 ng  
RT: 10.17 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Tgt Ion:122 Resp: 12618  
Ion Ratio Lower Upper  
122 100  
105 120.9 106.4 146.4  
77 81.8 63.6 103.6



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): BGO

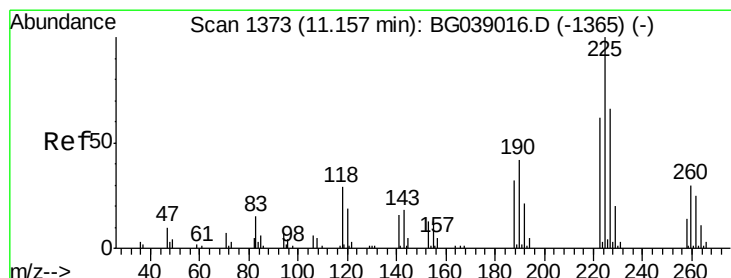
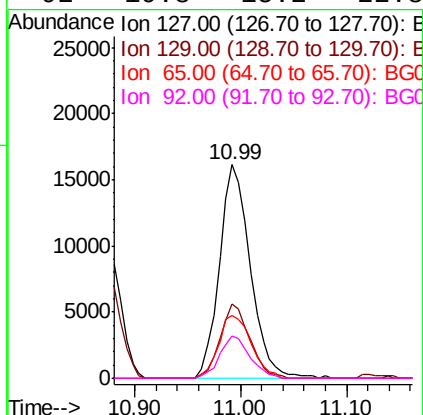
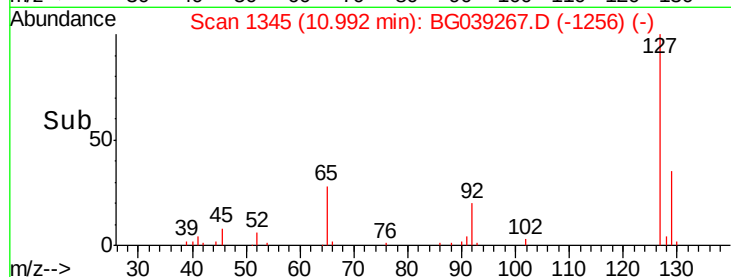
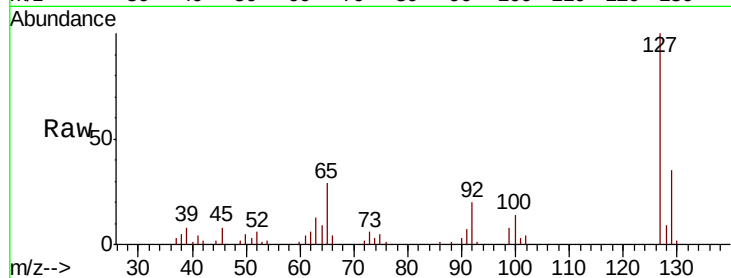




#33  
4-Chloroaniline  
Concen: 19.424 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

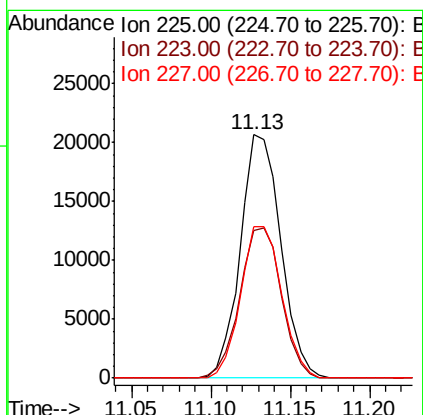
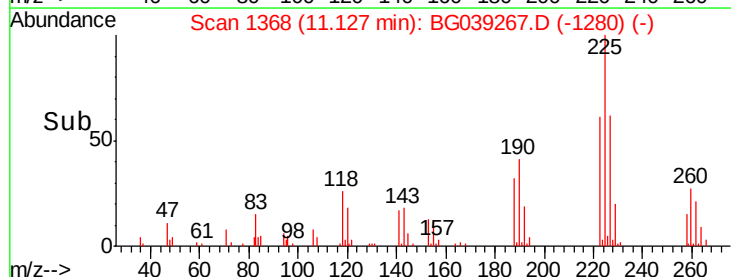
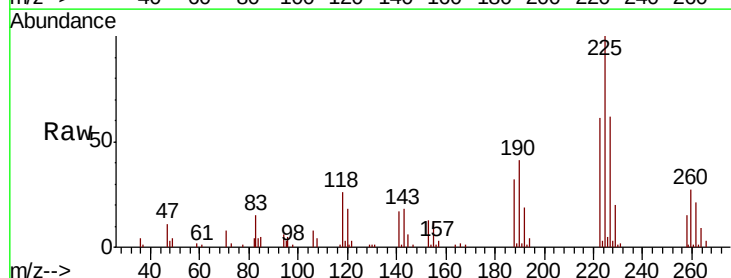
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

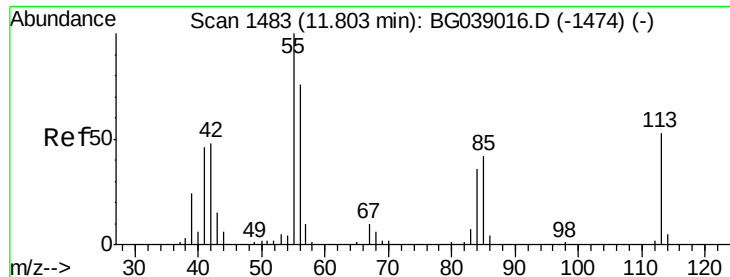
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 32788 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.7  | 25.4  | 38.0  |
| 65       | 29.3  | 25.4  | 38.0  |
| 92       | 19.8  | 15.2  | 22.8  |



#34  
Hexachlorobutadiene  
Concen: 33.822 ng  
RT: 11.13 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 36729 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 58.2  | 50.2  | 75.4  |
| 227      | 62.6  | 53.2  | 79.8  |

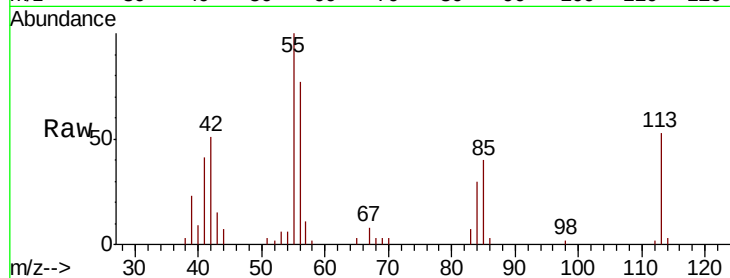




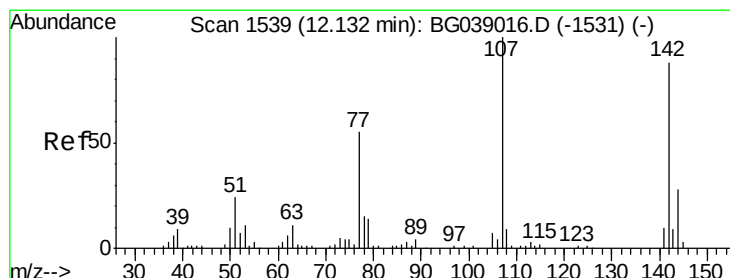
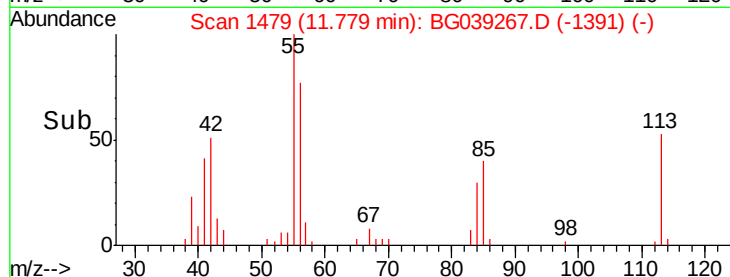
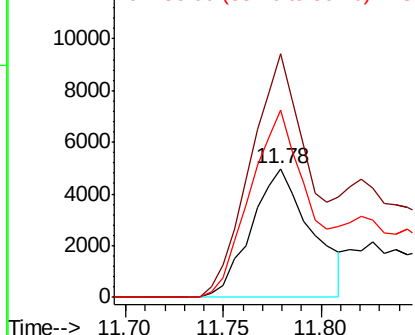
#35  
 Caprolactam  
 Concen: 20.100 ng  
 RT: 11.78 min Scan# 1479  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

Tgt Ion:113 Resp: 10587  
 Ion Ratio Lower Upper  
 113 100  
 55 189.3 168.6 208.6  
 56 145.6 123.2 163.2

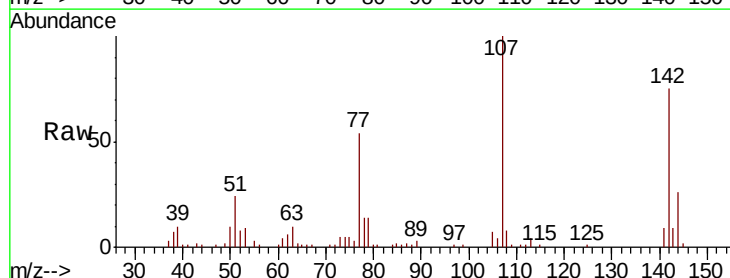


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BG  
 Ion 56.00 (55.70 to 56.70): BG

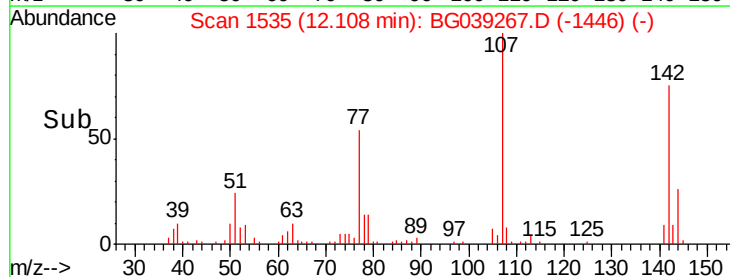
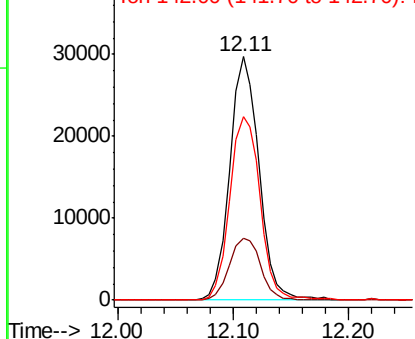


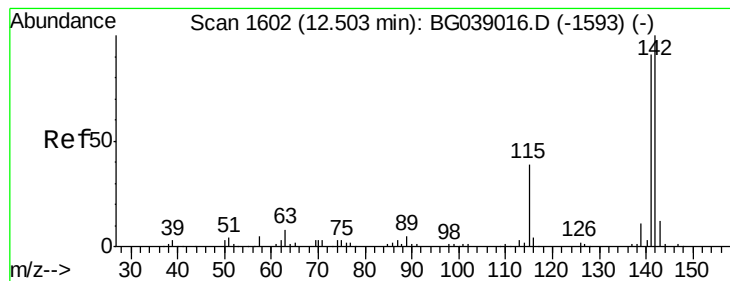
#36  
 4-Chloro-3-methylphenol  
 Concen: 37.078 ng  
 RT: 12.11 min Scan# 1535  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Tgt Ion:107 Resp: 52090  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 22.6 34.0  
 142 75.1 70.2 105.4



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.059 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

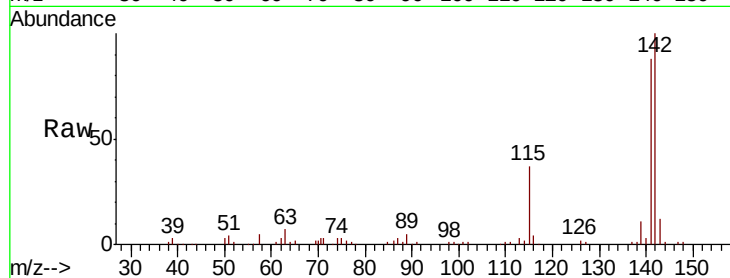
Tgt Ion:142 Resp: 99160

Ion Ratio Lower Upper

142 100

141 87.8 72.6 109.0

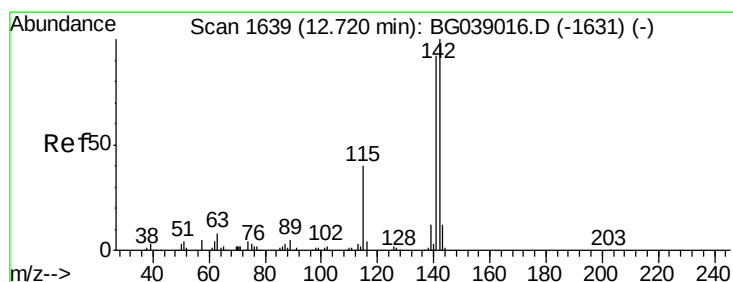
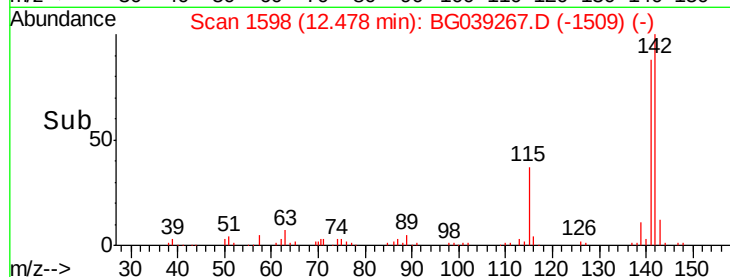
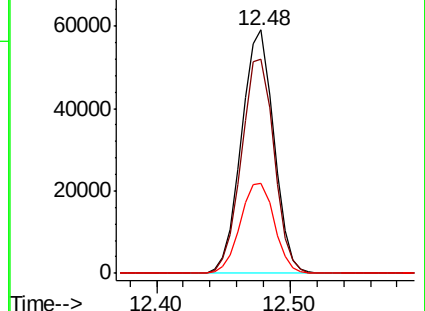
115 36.9 31.1 46.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.051 ng

RT: 12.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

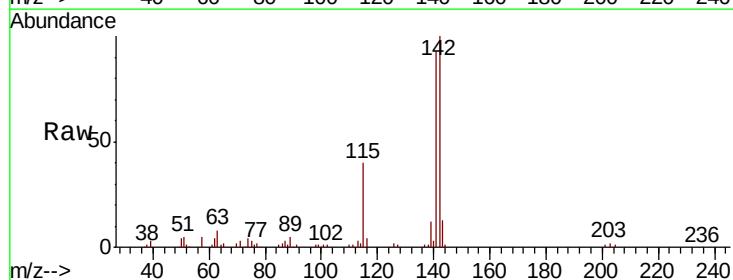
Tgt Ion:142 Resp: 92443

Ion Ratio Lower Upper

142 100

141 93.0 73.3 109.9

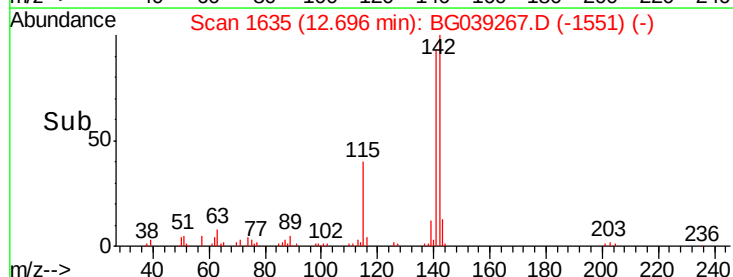
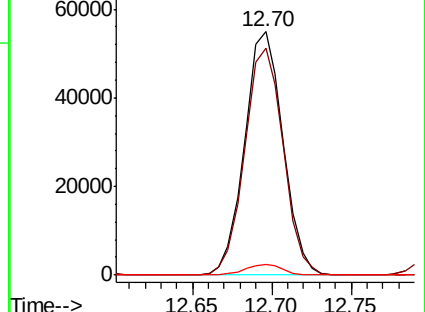
116 4.1 3.1 4.7

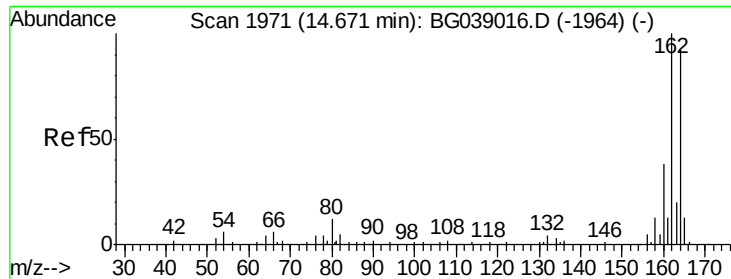


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

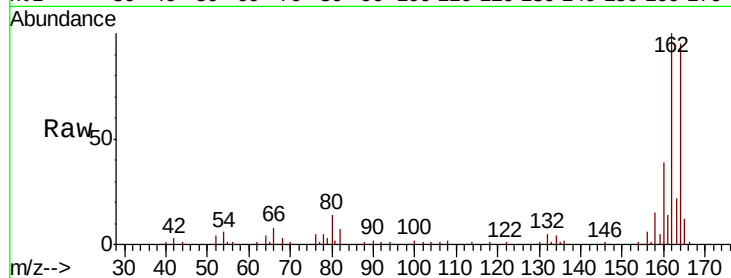
Tgt Ion:164 Resp: 42684

Ion Ratio Lower Upper

164 100

162 105.2 87.2 130.8

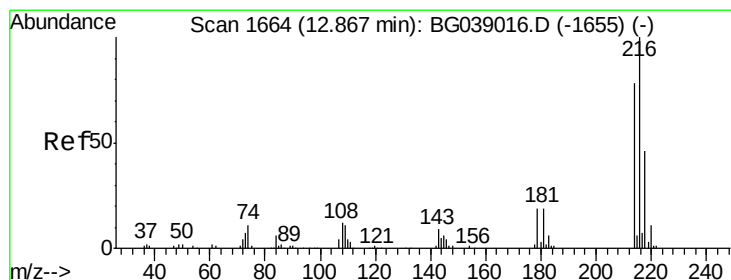
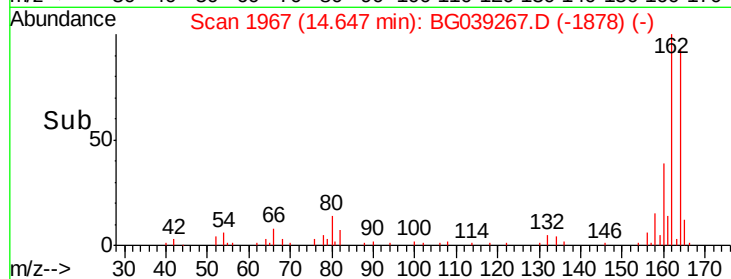
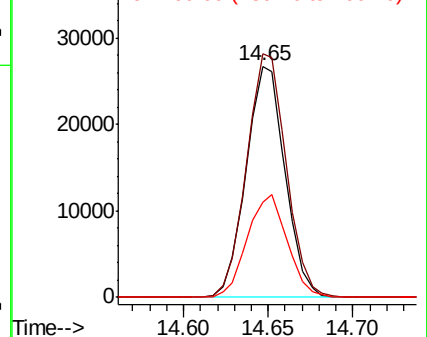
160 41.0 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.601 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Tgt Ion:216 Resp: 63481

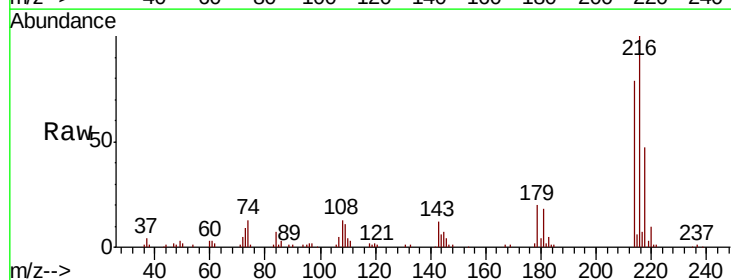
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 19.8 15.5 23.3

108 15.8 11.4 17.2

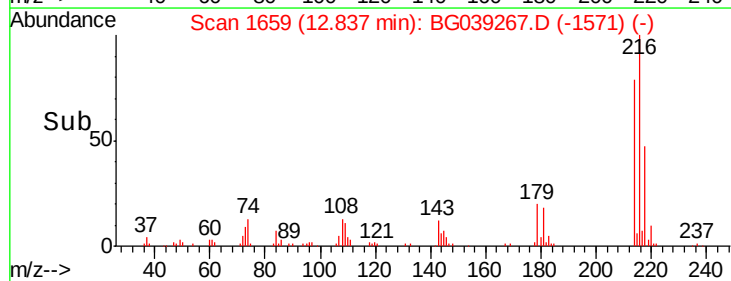
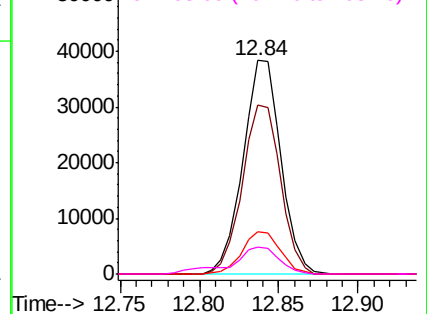


Abundance Ion 216.00 (215.70 to 216.70): E

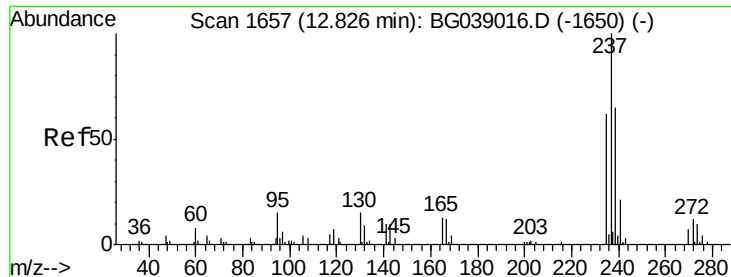
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 78.566 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

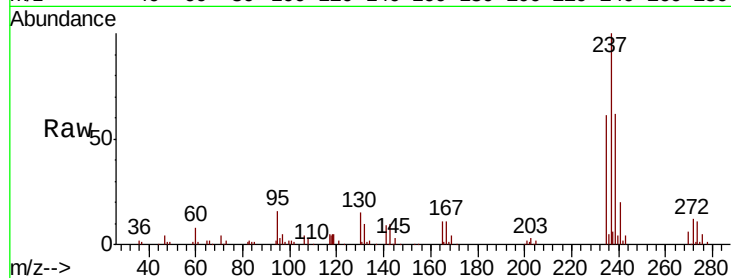
Tgt Ion: 237 Resp: 70832

Ion Ratio Lower Upper

237 100

235 61.3 41.7 81.7

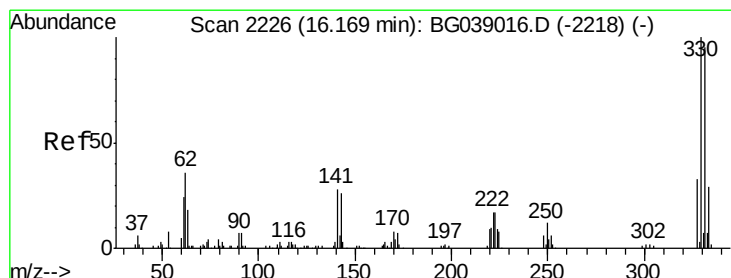
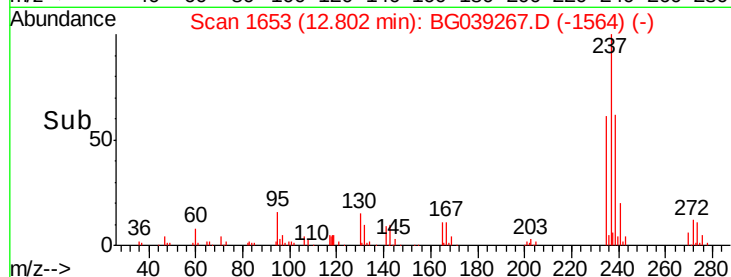
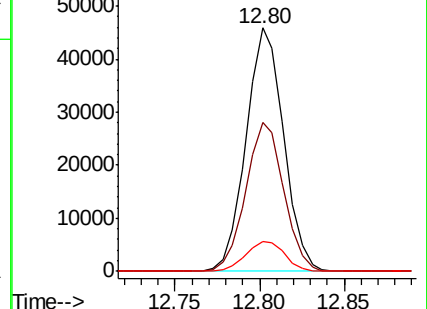
272 12.5 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.383 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

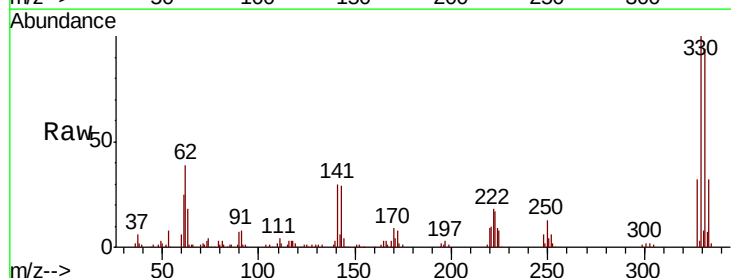
Tgt Ion: 330 Resp: 94005

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

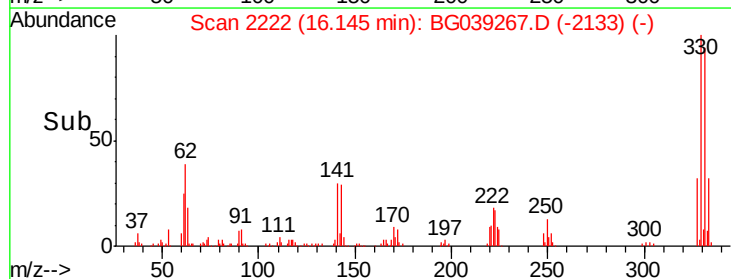
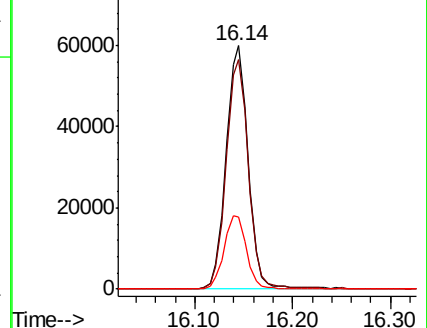
141 30.5 24.9 37.3

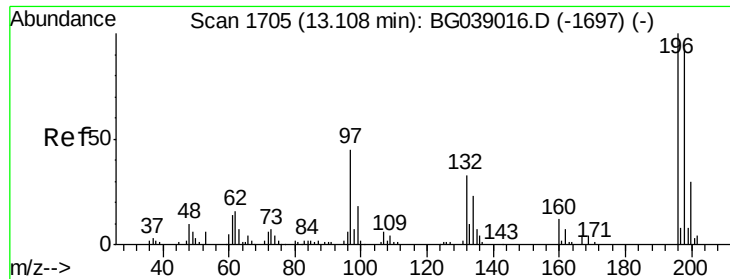


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

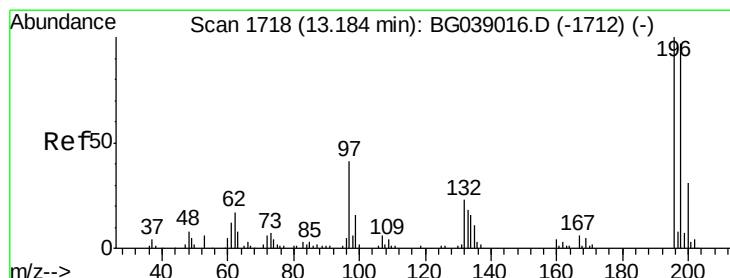
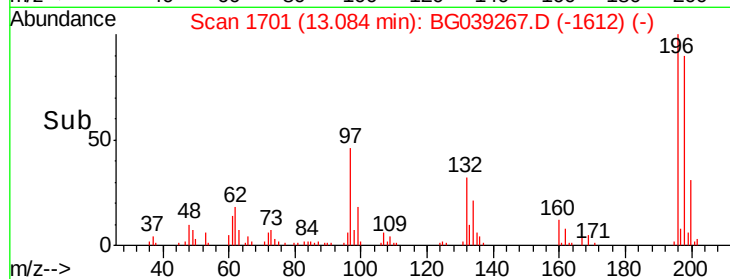
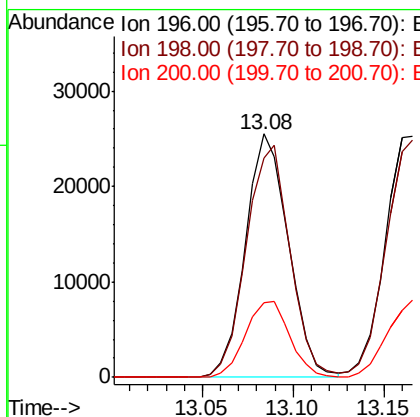
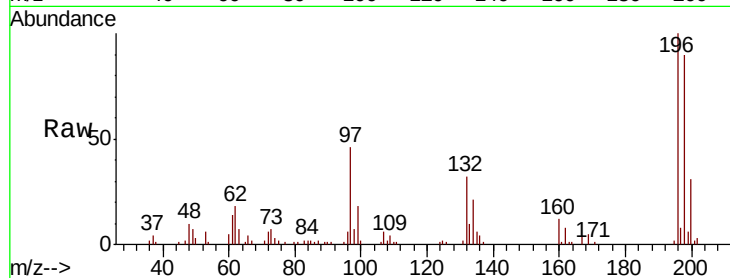




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.599 ng  
 RT: 13.08 min Scan# 1701  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

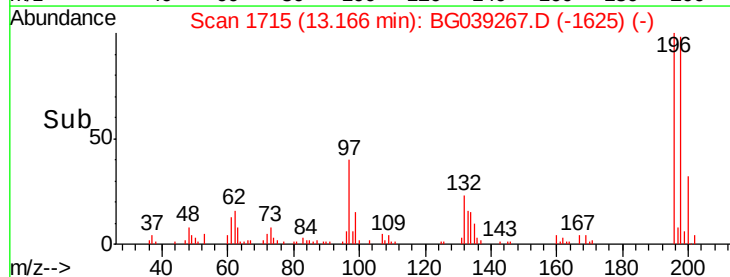
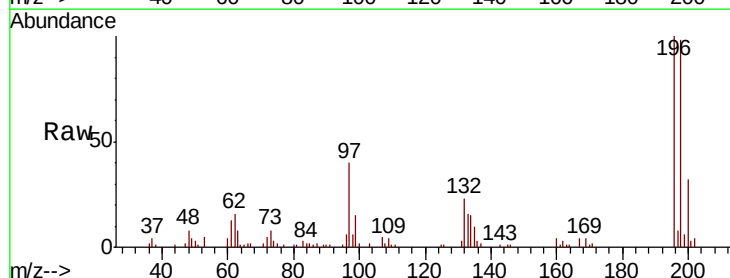
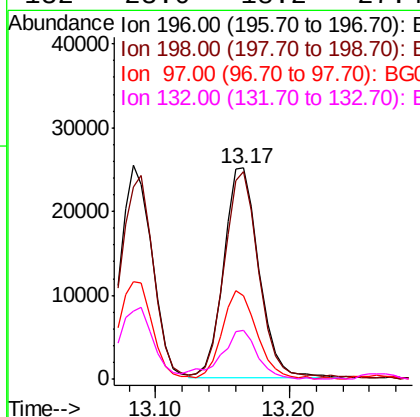
Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

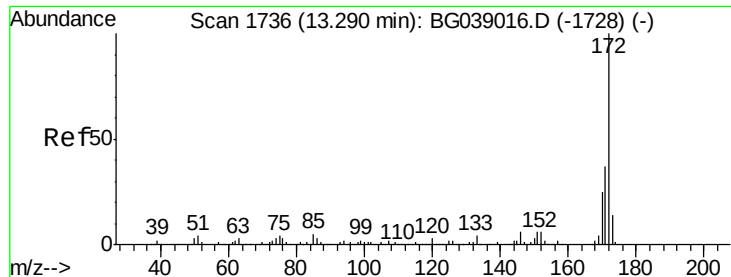
Tgt Ion:196 Resp: 41970  
 Ion Ratio Lower Upper  
 196 100  
 198 89.9 74.5 111.7  
 200 30.7 23.8 35.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.200 ng  
 RT: 13.17 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Tgt Ion:196 Resp: 46065  
 Ion Ratio Lower Upper  
 196 100  
 198 98.4 78.1 117.1  
 97 39.7 33.2 49.8  
 132 23.0 18.2 27.4

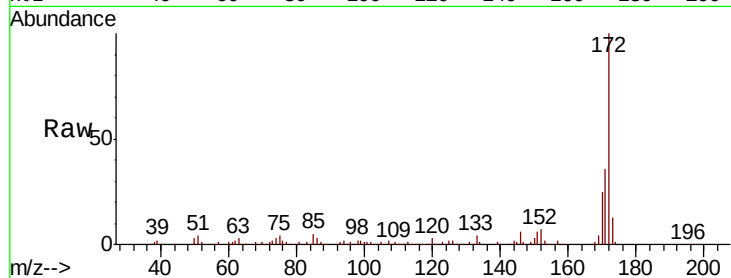




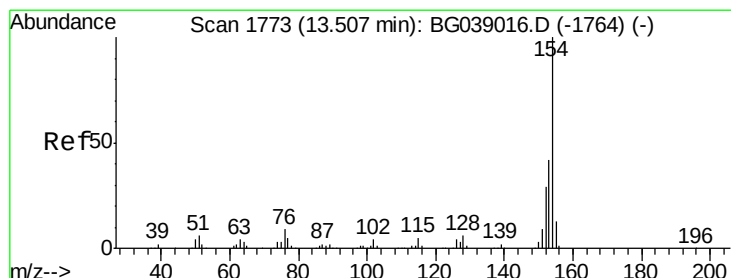
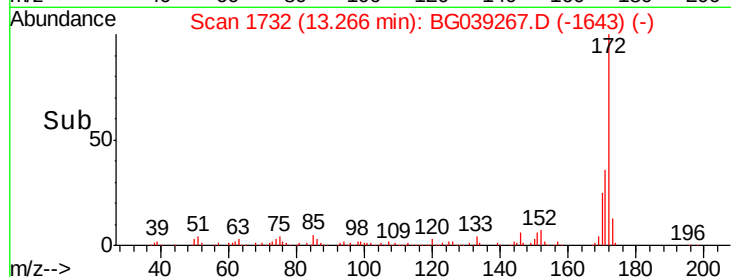
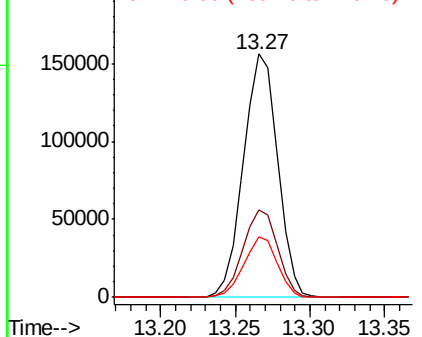
#45  
 2-Fluorobiphenyl  
 Concen: 79.540 ng  
 RT: 13.27 min Scan# 1732  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

Tgt Ion:172 Resp: 248078  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 29.4 44.0  
 170 24.7 20.1 30.1

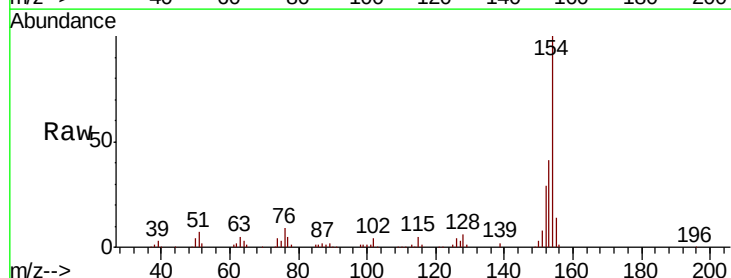


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

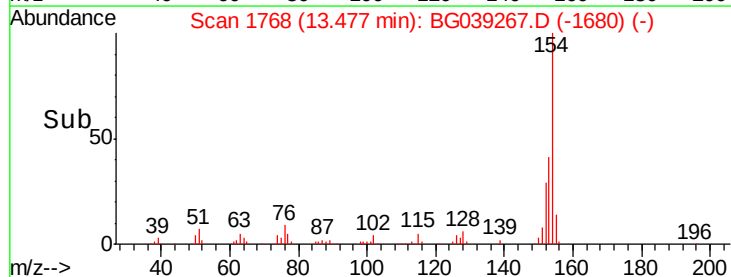
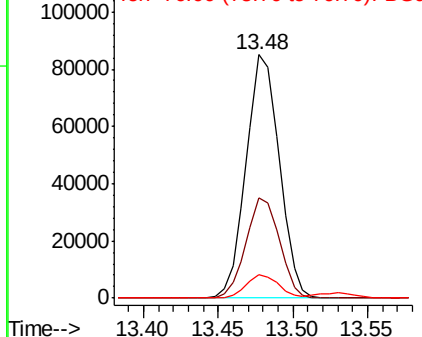


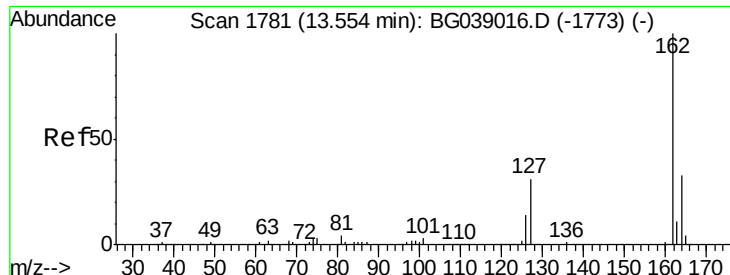
#46  
 1,1'-Biphenyl  
 Concen: 38.750 ng  
 RT: 13.48 min Scan# 1768  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Tgt Ion:154 Resp: 131060  
 Ion Ratio Lower Upper  
 154 100  
 153 41.2 22.4 62.4  
 76 9.4 0.0 29.4



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

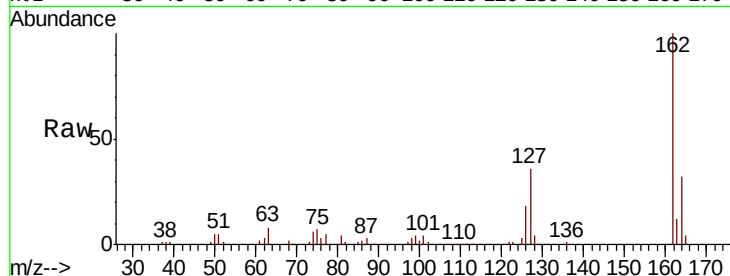




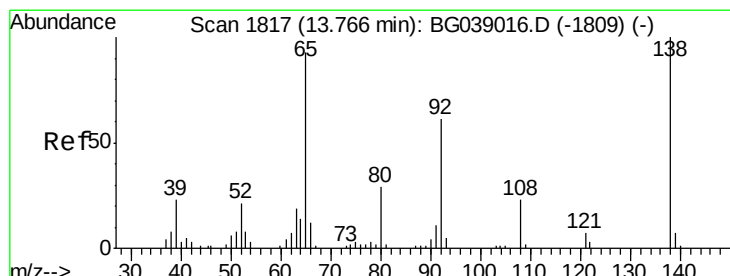
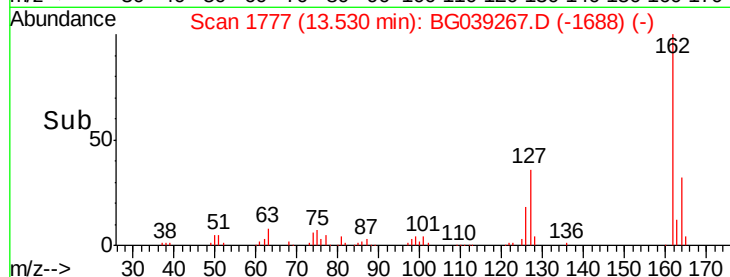
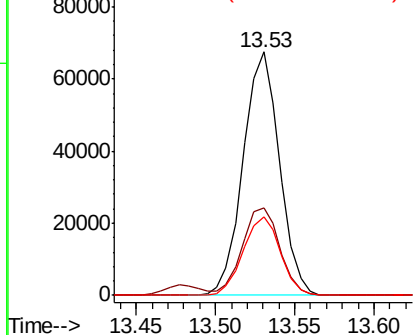
#47  
 2-Chloronaphthalene  
 Concen: 39.273 ng  
 RT: 13.53 min Scan# 1777  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

Tgt Ion: 162 Resp: 107490  
 Ion Ratio Lower Upper  
 162 100  
 127 35.8 28.4 42.6  
 164 32.4 26.3 39.5

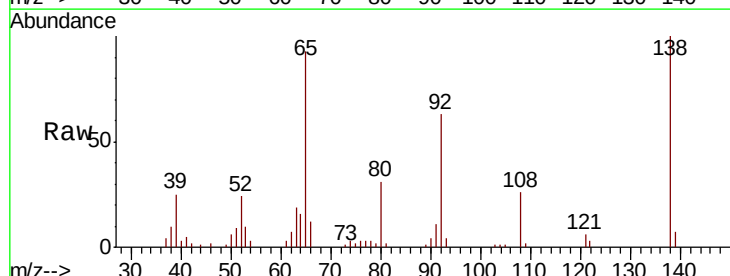


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

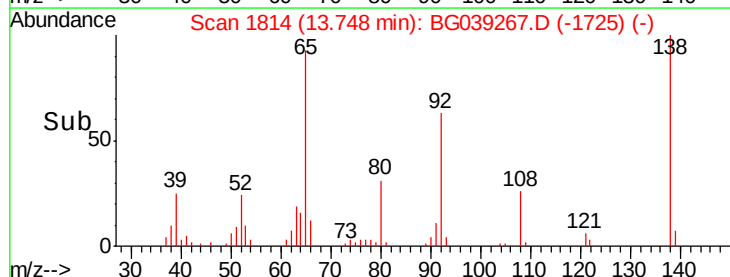
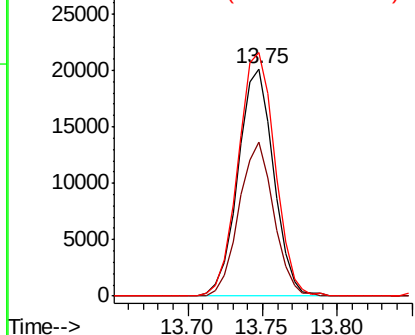


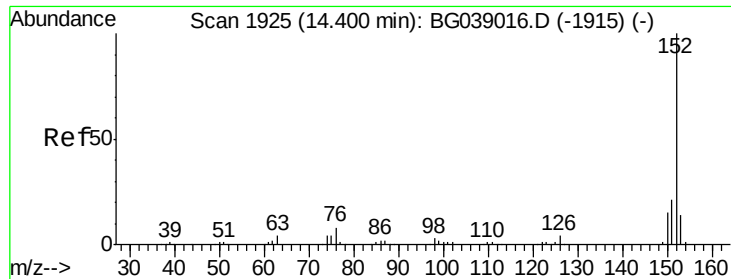
#48  
 2-Nitroaniline  
 Concen: 43.344 ng  
 RT: 13.75 min Scan# 1814  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Tgt Ion: 65 Resp: 33235  
 Ion Ratio Lower Upper  
 65 100  
 92 68.0 52.2 78.4  
 138 107.2 86.0 129.0



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





#49

Acenaphthylene

Concen: 42.712 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

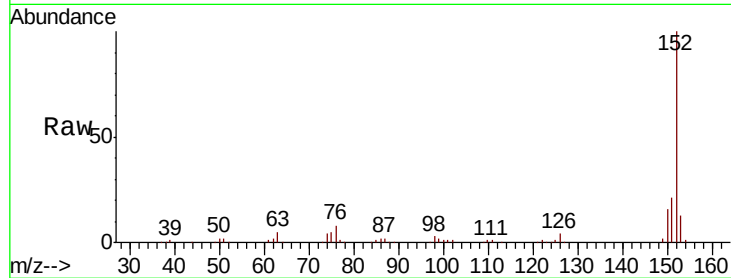
Tgt Ion:152 Resp: 175711

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

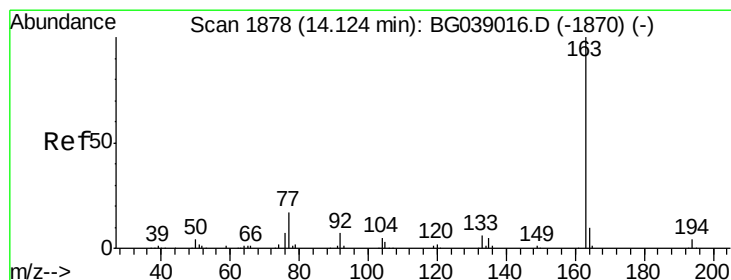
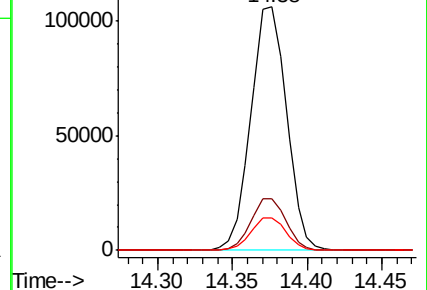
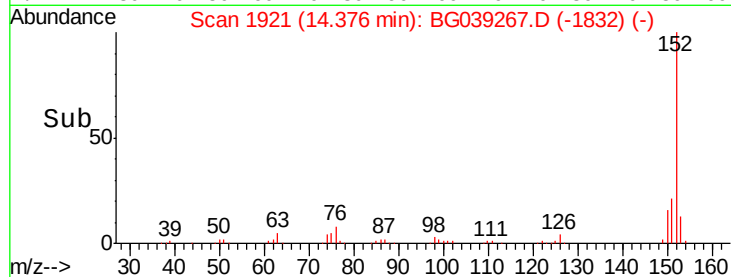
153 13.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.215 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

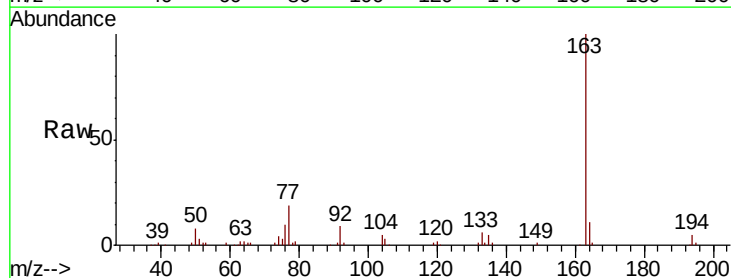
Tgt Ion:163 Resp: 145056

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

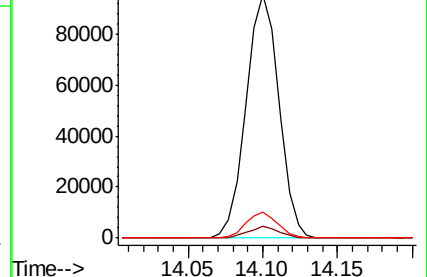
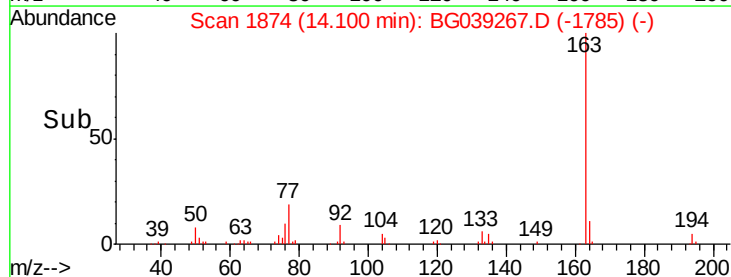
164 10.6 8.2 12.2

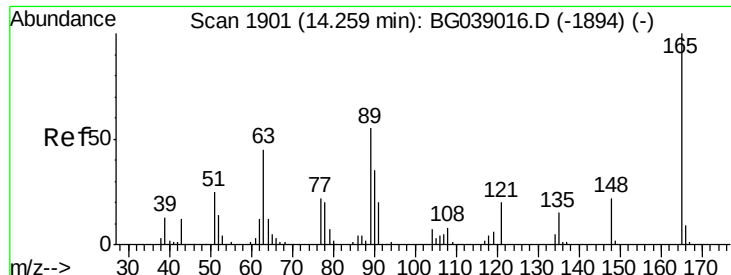


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

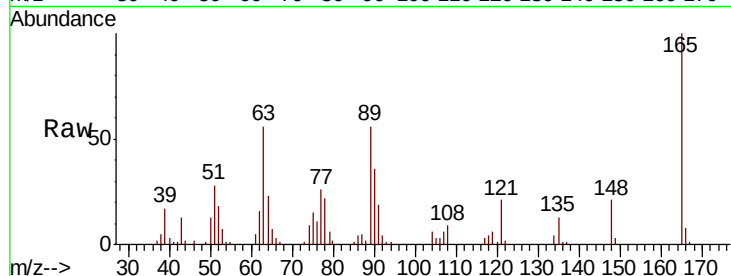




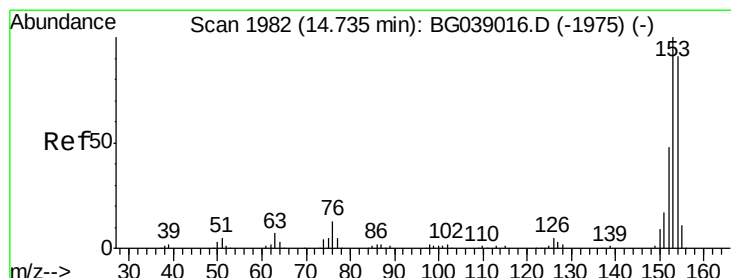
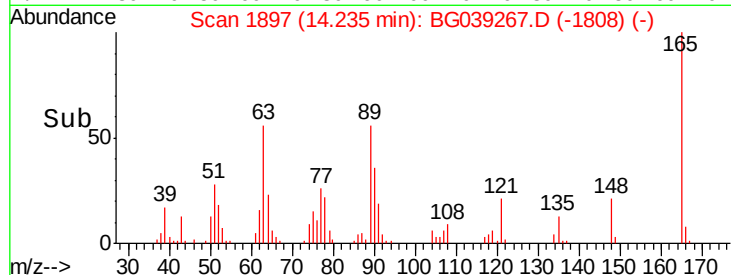
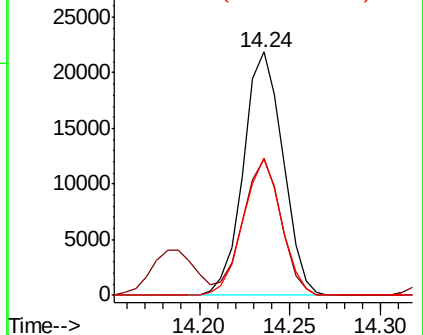
#51  
2,6-Dinitrotoluene  
Concen: 41.030 ng  
RT: 14.24 min Scan# 1897  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 56.1  | 43.6  | 65.4  |
| 89      | 56.5  | 43.7  | 65.5  |

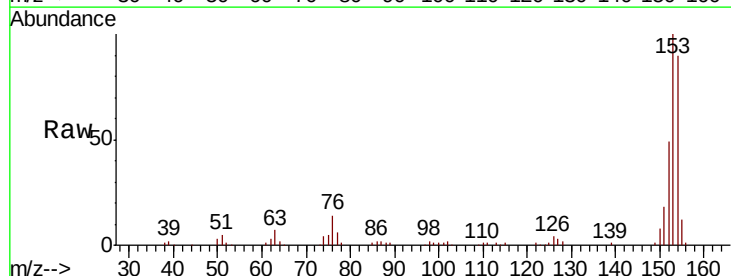


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG

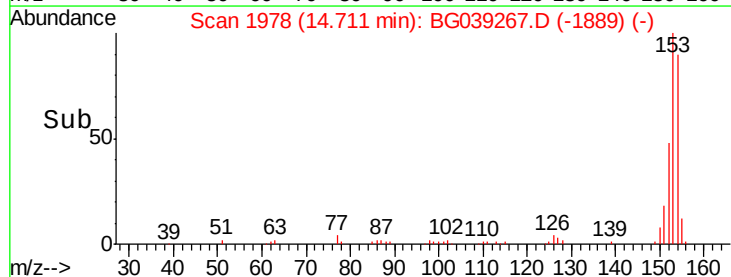
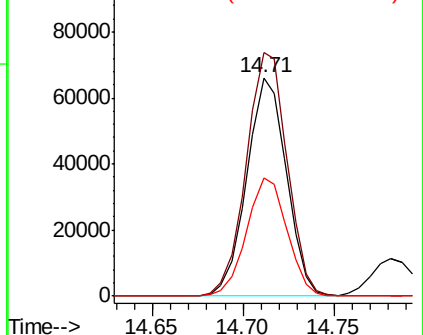


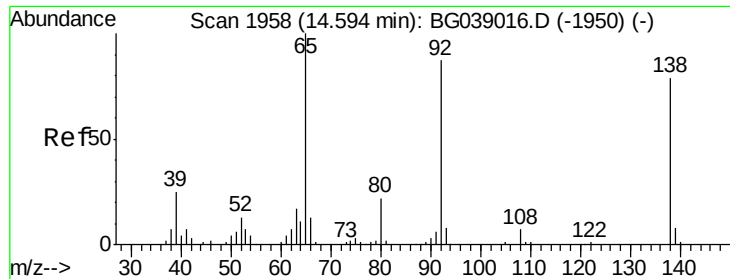
#52  
Acenaphthene  
Concen: 40.753 ng  
RT: 14.71 min Scan# 1978  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.4 | 87.9  | 131.9 |
| 152     | 54.3  | 42.2  | 63.2  |



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





#53

3-Nitroaniline

Concen: 27.467 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

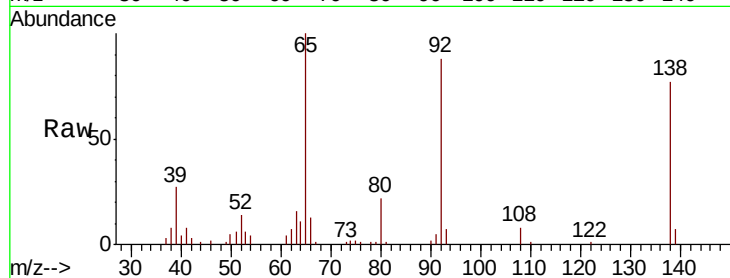
Tgt Ion:138 Resp: 22470

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

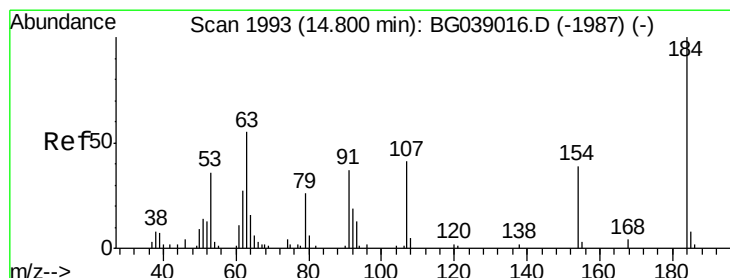
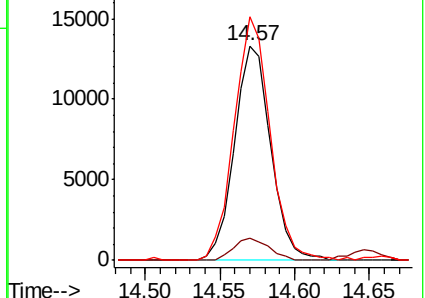
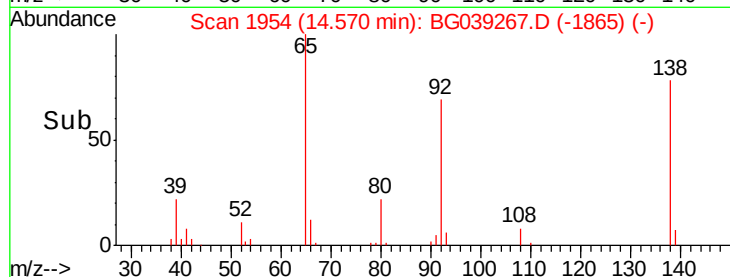
92 113.5 88.2 132.4



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



#54

2,4-Dinitrophenol

Concen: 69.290 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

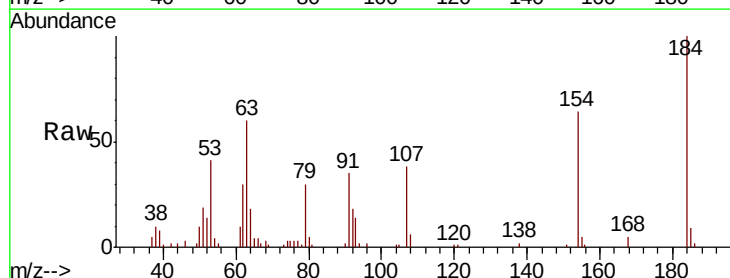
Tgt Ion:184 Resp: 33035

Ion Ratio Lower Upper

184 100

63 59.9 44.0 66.0

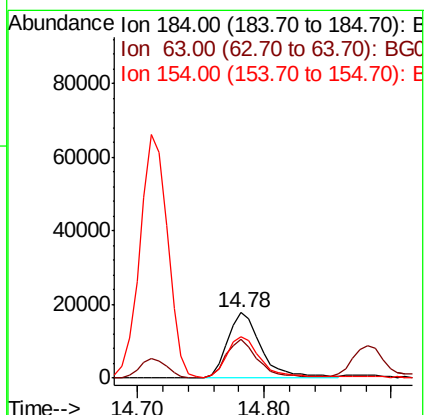
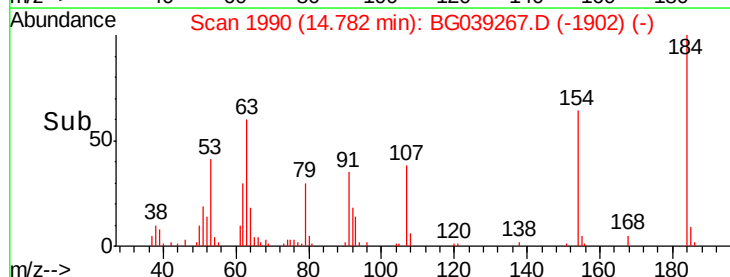
154 64.1 46.1 69.1

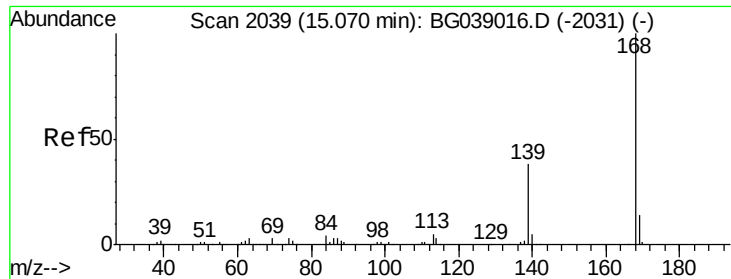


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

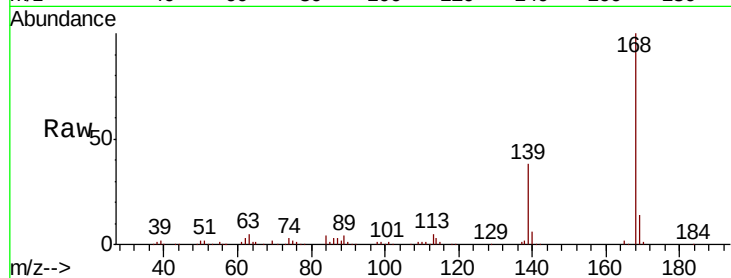




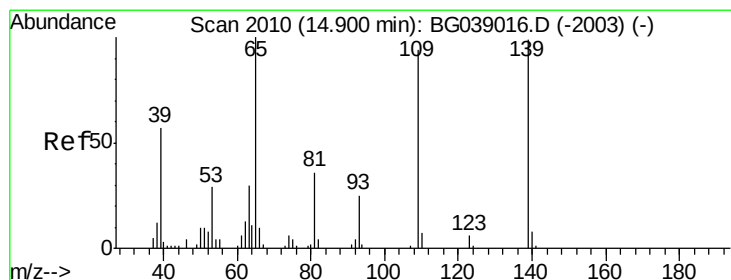
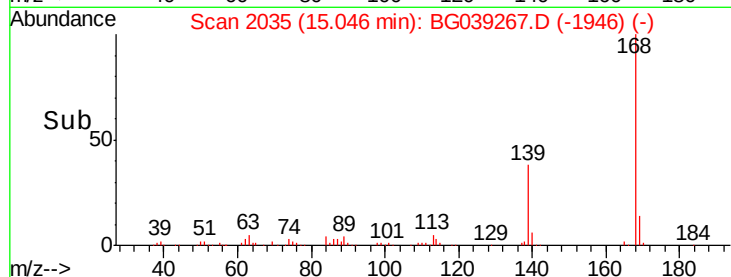
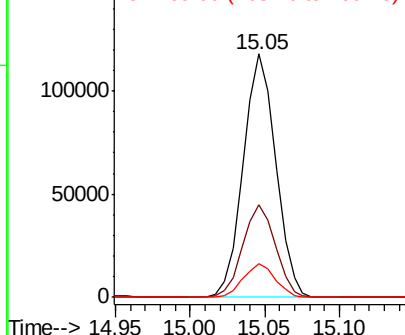
#55  
Dibenzenofuran  
Concen: 40.664 ng  
RT: 15.05 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

Tgt Ion:168 Resp: 177511  
Ion Ratio Lower Upper  
168 100  
139 38.0 30.1 45.1  
169 14.0 10.9 16.3

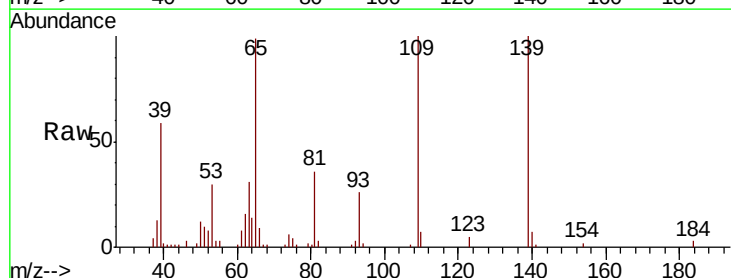


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

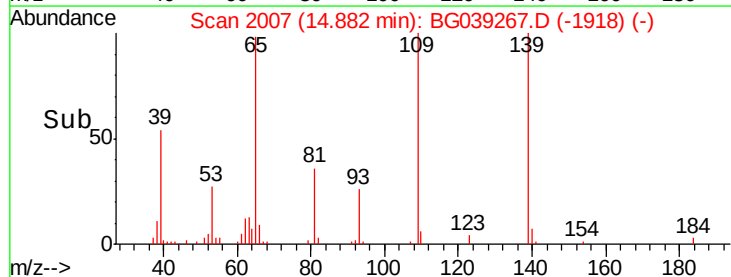
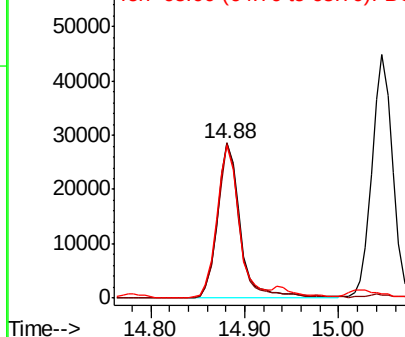


#56  
4-Nitrophenol  
Concen: 83.180 ng  
RT: 14.88 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

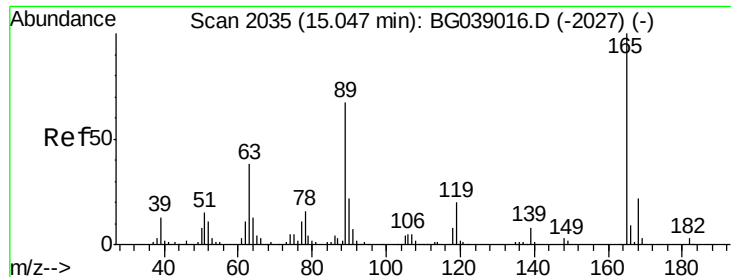
Tgt Ion:139 Resp: 48962  
Ion Ratio Lower Upper  
139 100  
109 100.1 75.6 115.6  
65 98.9 81.2 121.2



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







#57

2,4-Dinitrotoluene

Concen: 41.809 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

Tgt Ion:165 Resp: 48372

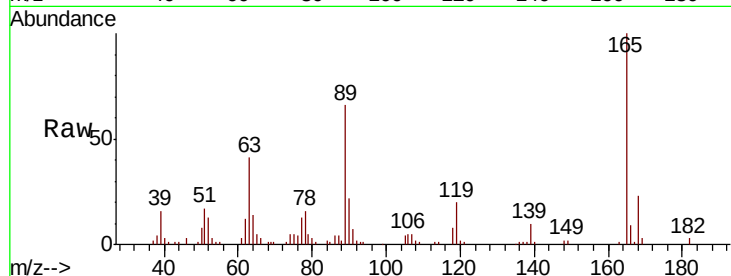
Ion Ratio Lower Upper

165 100

63 41.2 30.2 45.4

89 65.6 53.2 79.8

182 3.1 2.7 4.1

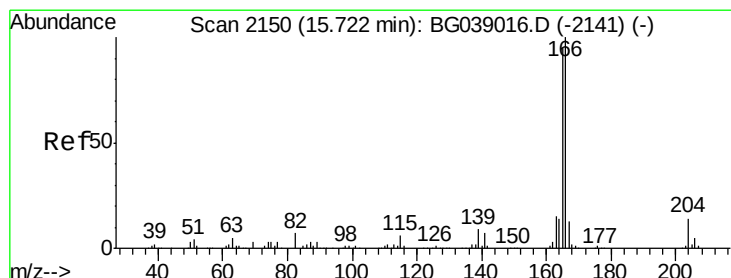
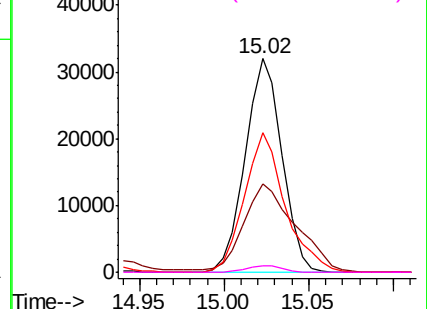
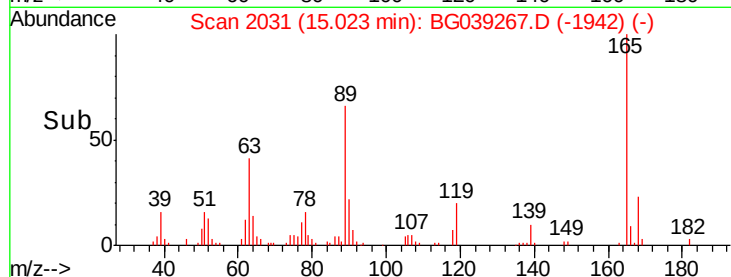


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.570 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

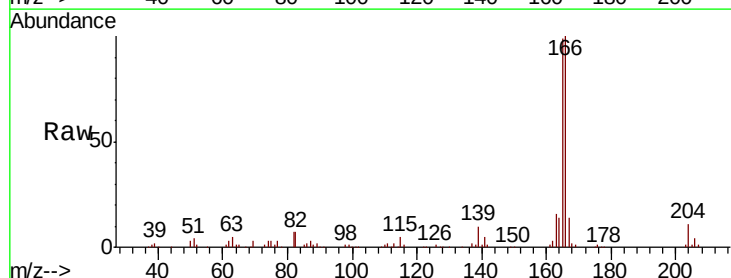
Tgt Ion:166 Resp: 143165

Ion Ratio Lower Upper

166 100

165 98.5 76.2 114.2

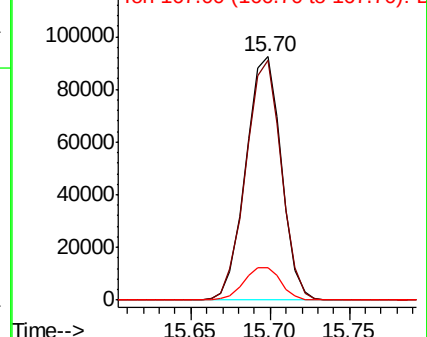
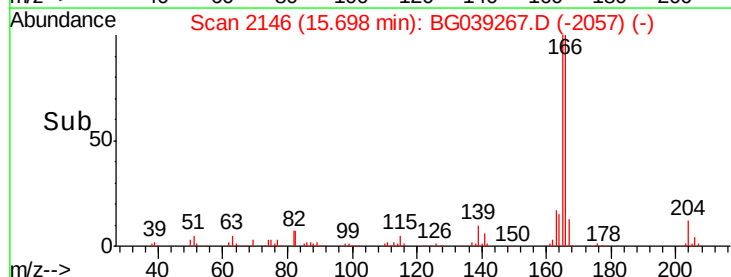
167 13.6 10.6 16.0

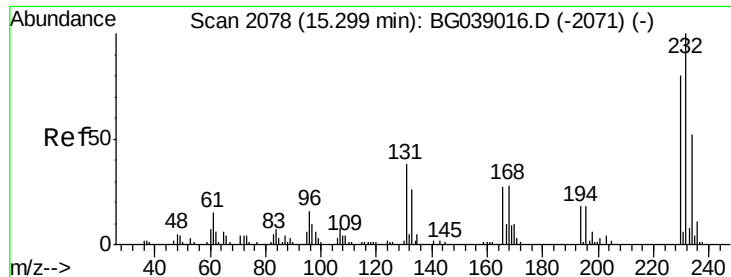


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

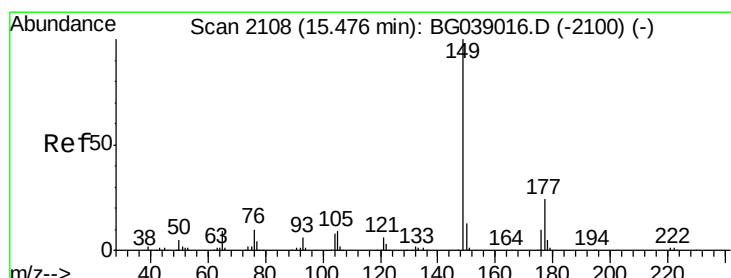
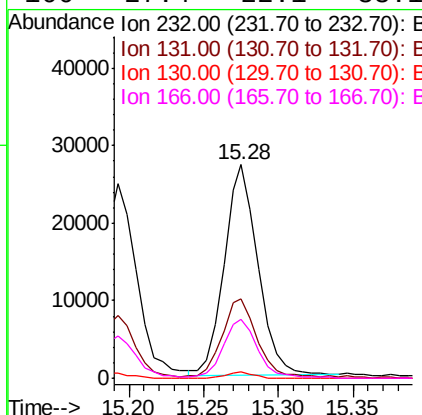
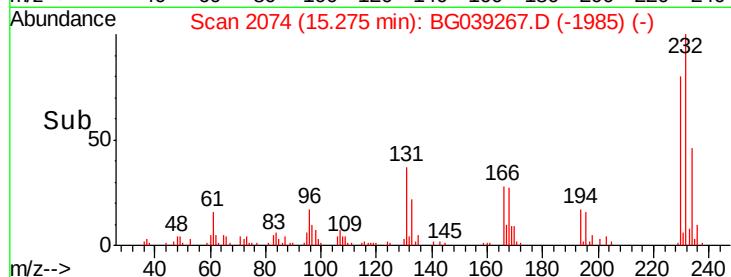
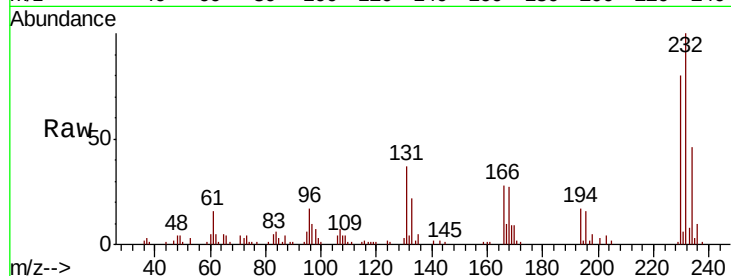




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.622 ng  
 RT: 15.28 min Scan# 2074  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

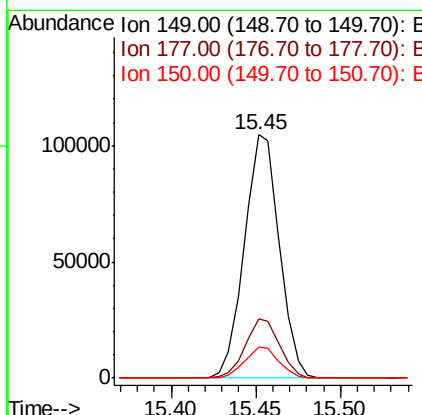
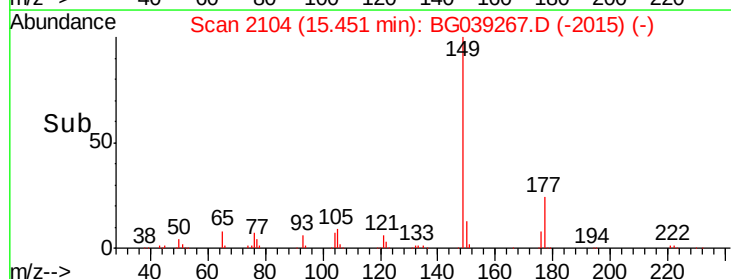
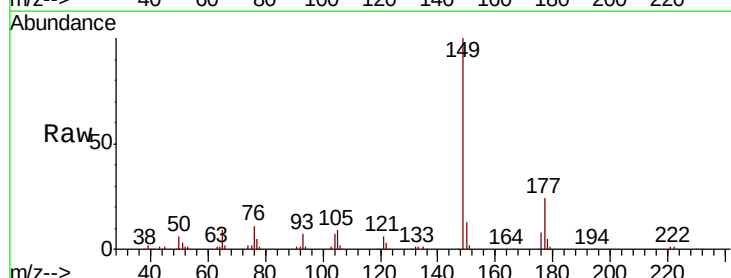
Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

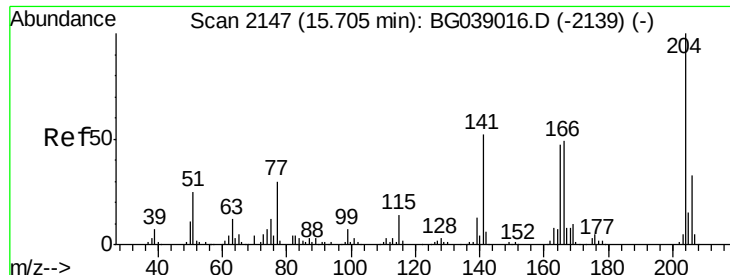
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 42903 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 38.2  | 30.9  | 46.3  |
| 130      | 2.2   | 1.9   | 2.9   |
| 166      | 27.4  | 22.1  | 33.1  |



#60  
 Diethylphthalate  
 Concen: 40.500 ng  
 RT: 15.45 min Scan# 2104  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 150511 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.2  | 19.0  | 28.6   |
| 150      | 12.7  | 10.2  | 15.4   |

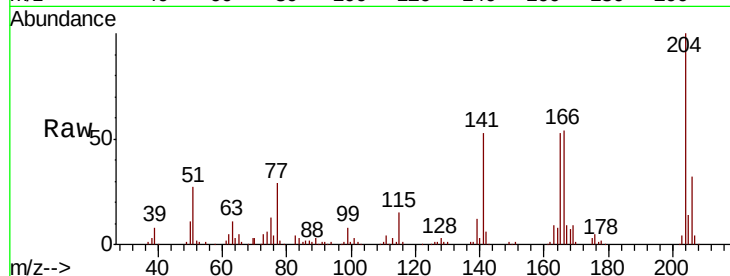




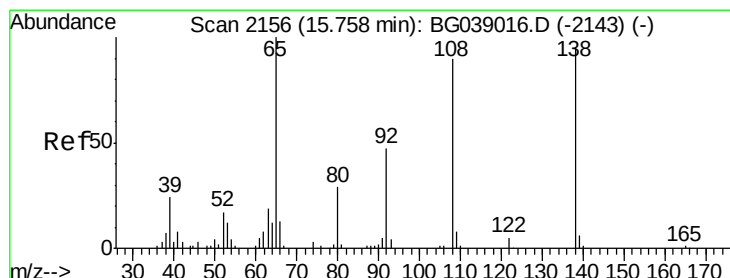
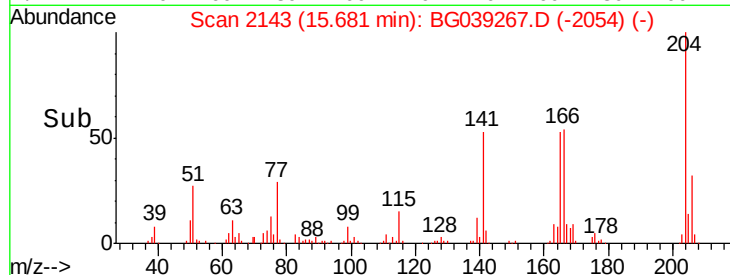
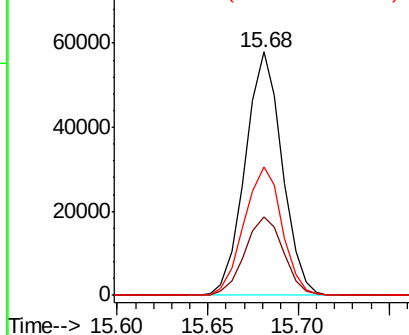
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.540 ng  
 RT: 15.68 min Scan# 2143  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

Tgt Ion:204 Resp: 81851  
 Ion Ratio Lower Upper  
 204 100  
 206 32.1 26.6 39.8  
 141 52.6 41.4 62.0

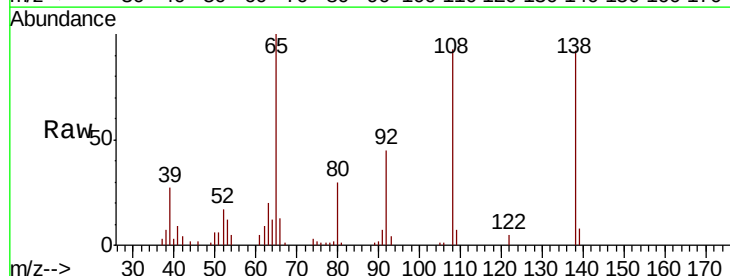


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

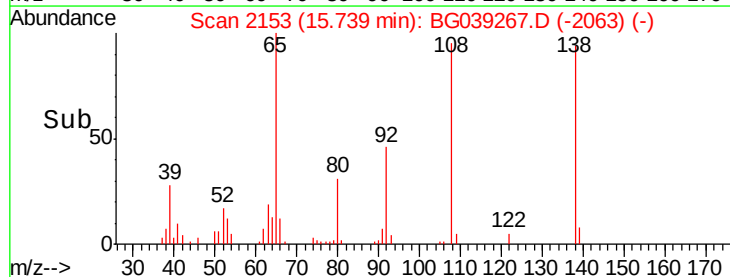
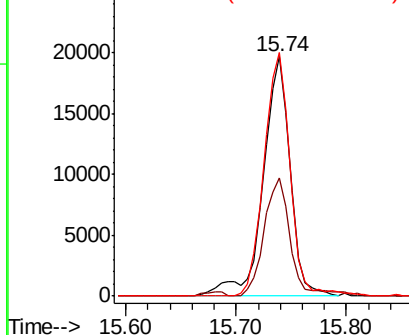


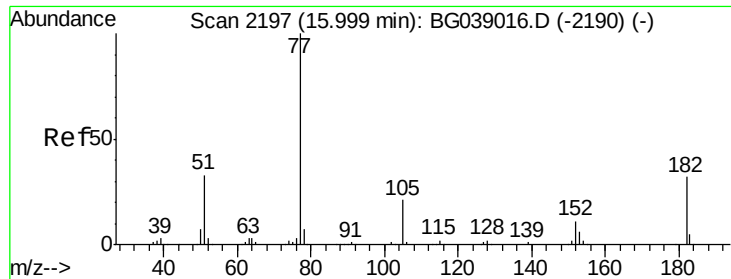
#62  
 4-Nitroaniline  
 Concen: 39.735 ng  
 RT: 15.74 min Scan# 2153  
 Delta R.T. -0.00 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Tgt Ion:138 Resp: 33863  
 Ion Ratio Lower Upper  
 138 100  
 92 49.4 29.7 69.7  
 108 101.8 75.7 115.7



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

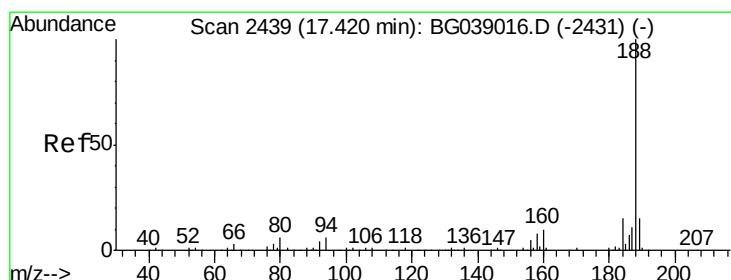
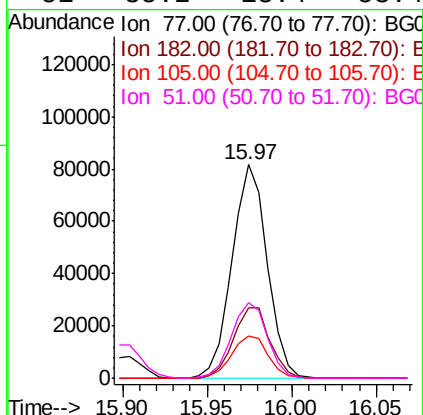
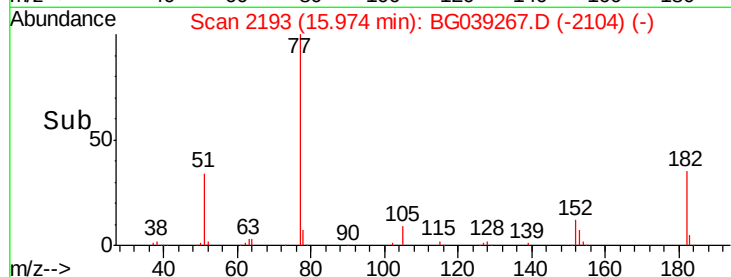
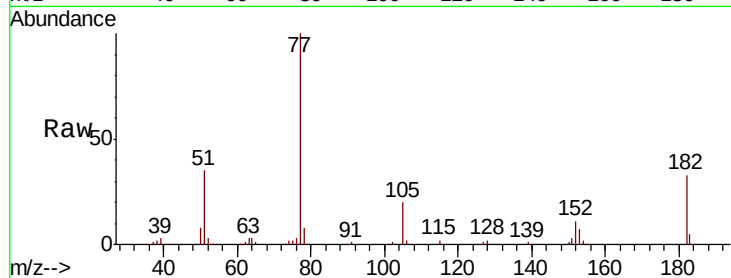




#63  
Azobenzene  
Concen: 40.554 ng  
RT: 15.97 min Scan# 2193  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

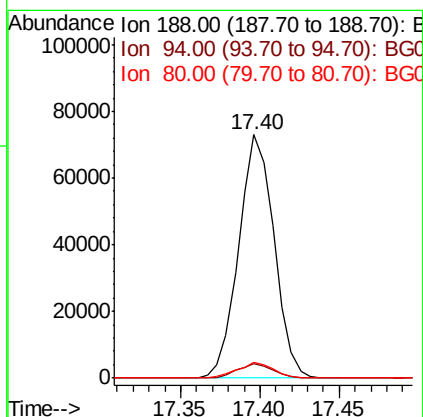
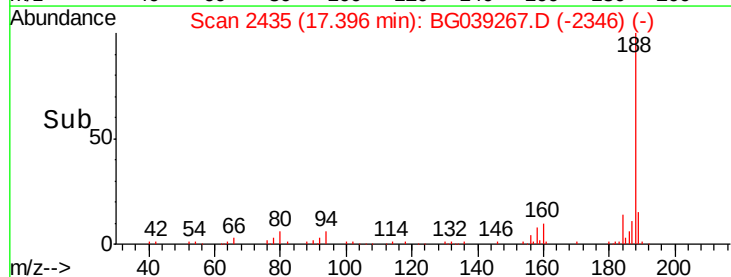
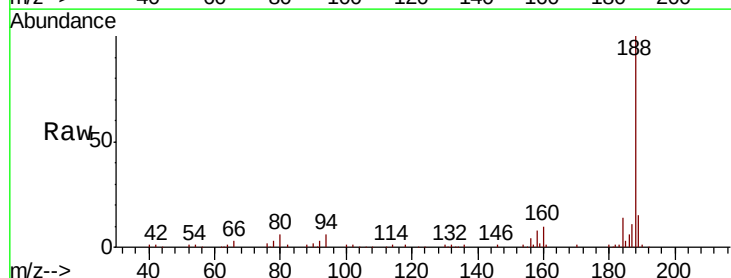
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

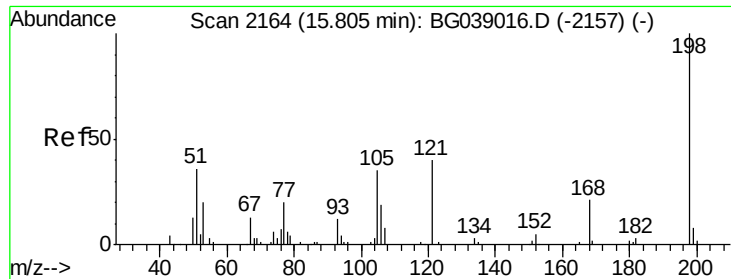
Tgt Ion: 77 Resp: 117860  
Ion Ratio Lower Upper  
77 100  
182 32.8 12.2 52.2  
105 20.0 1.2 41.2  
51 35.2 13.4 53.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2435  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Tgt Ion: 188 Resp: 112909  
Ion Ratio Lower Upper  
188 100  
94 5.8 5.0 7.4  
80 6.4 4.7 7.1

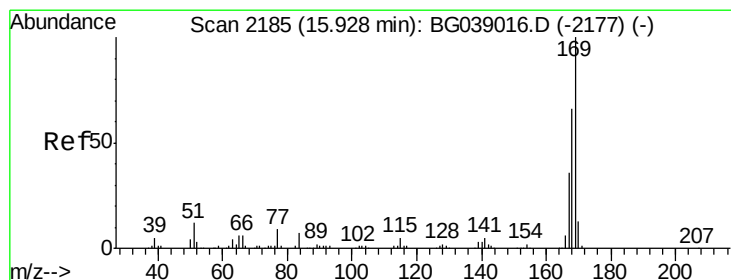
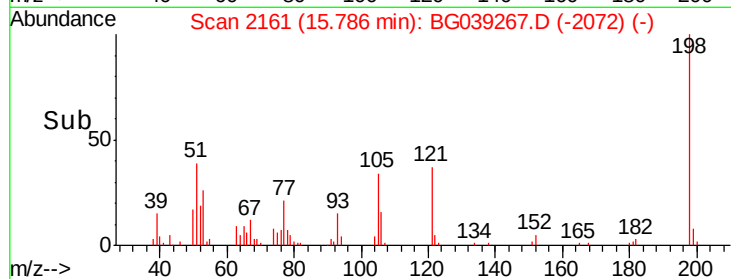
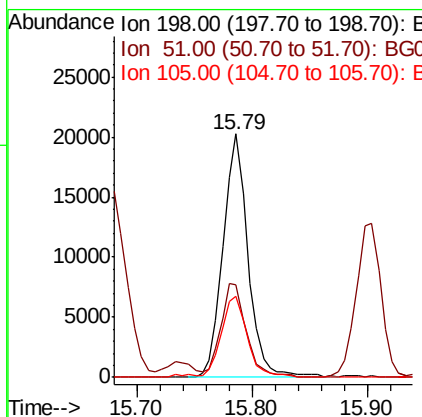
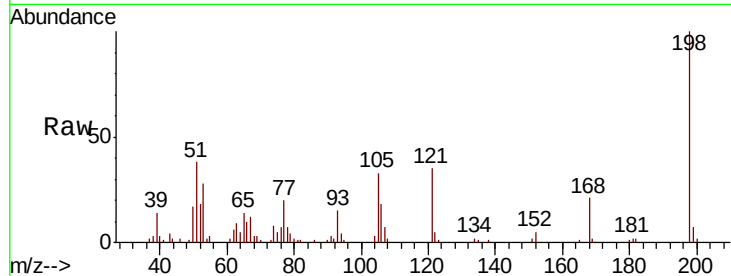




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 36.305 ng  
 RT: 15.79 min Scan# 2161  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

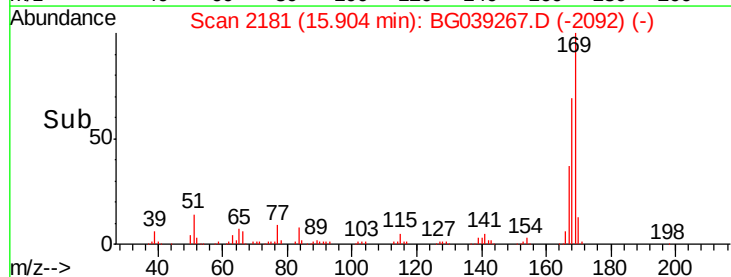
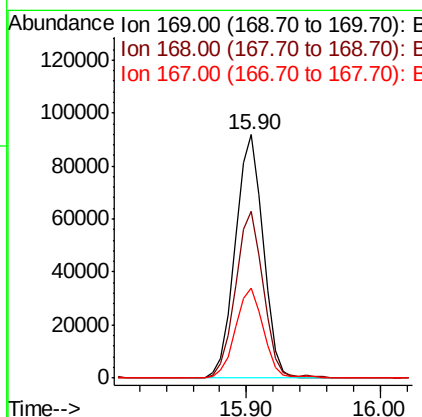
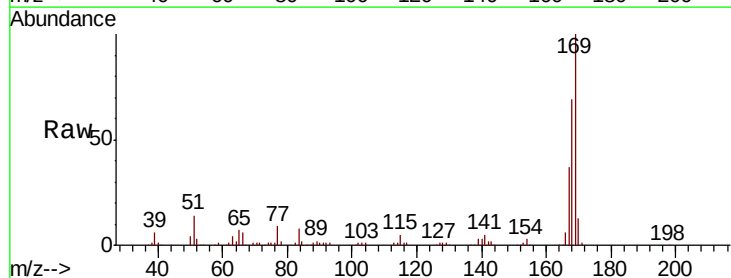
Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

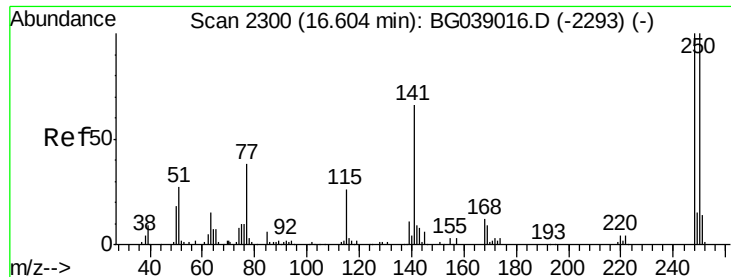
Tgt Ion:198 Resp: 30369  
 Ion Ratio Lower Upper  
 198 100  
 51 37.8 20.8 60.8  
 105 33.1 16.1 56.1



#66  
 n-Nitrosodiphenylamine  
 Concen: 39.667 ng  
 RT: 15.90 min Scan# 2181  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Tgt Ion:169 Resp: 132774  
 Ion Ratio Lower Upper  
 169 100  
 168 68.6 53.2 79.8  
 167 36.8 29.1 43.7

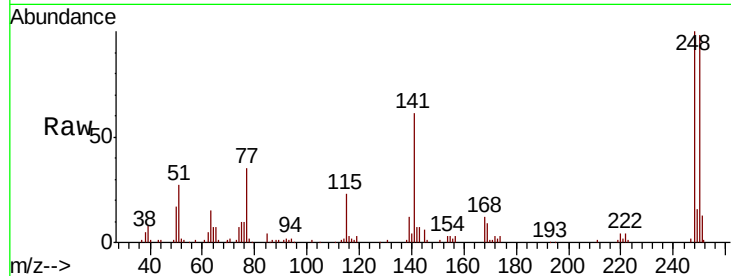




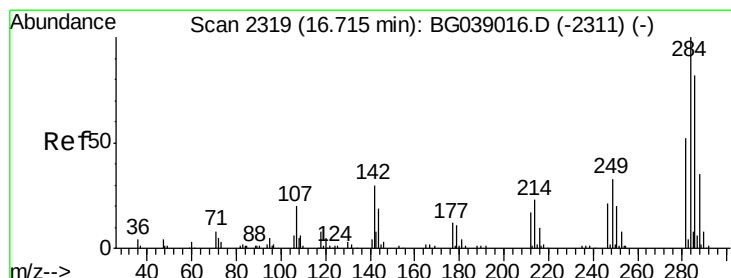
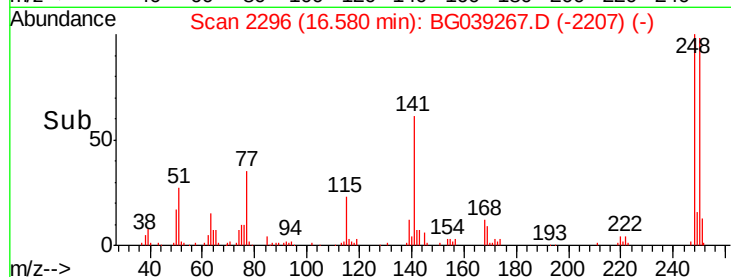
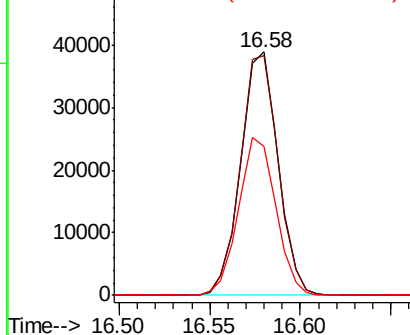
#67  
 4-Bromophenyl-phenylether  
 Concen: 38.322 ng  
 RT: 16.58 min Scan# 2296  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleID :  
 IDOC-W-04

Tgt Ion:248 Resp: 55621  
 Ion Ratio Lower Upper  
 248 100  
 250 98.4 79.9 119.9  
 141 61.0 52.7 79.1

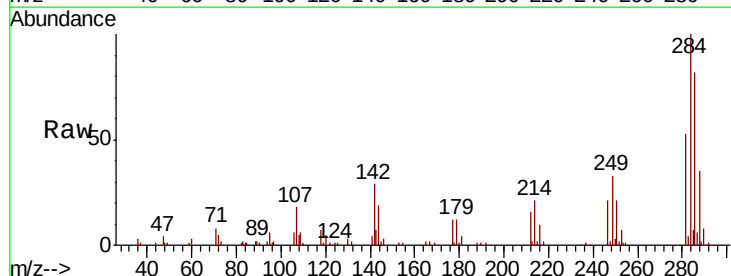


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

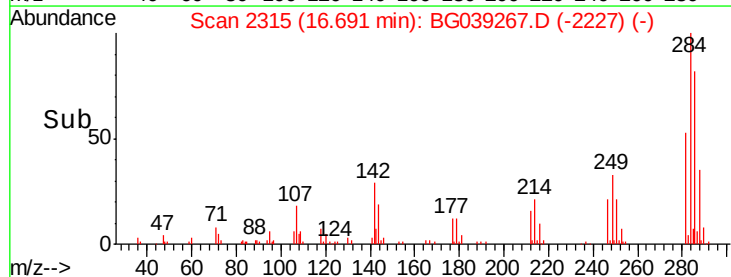
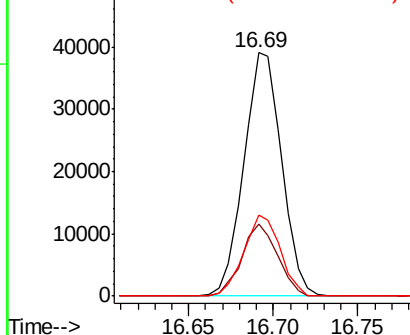


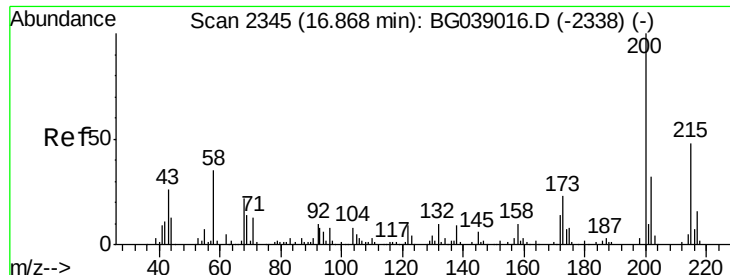
#68  
 Hexachlorobenzene  
 Concen: 38.389 ng  
 RT: 16.69 min Scan# 2315  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Tgt Ion:284 Resp: 60799  
 Ion Ratio Lower Upper  
 284 100  
 142 29.4 24.3 36.5  
 249 36.0 27.8 41.8



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

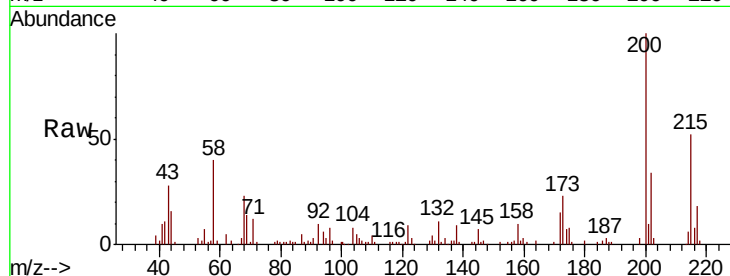




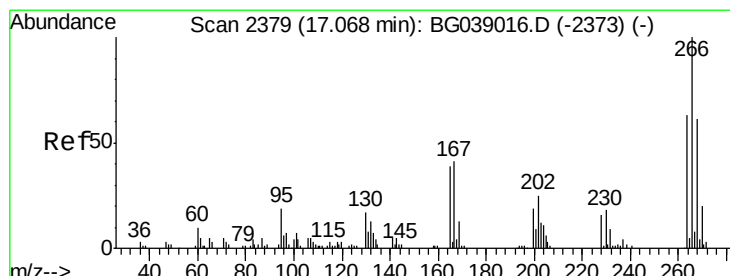
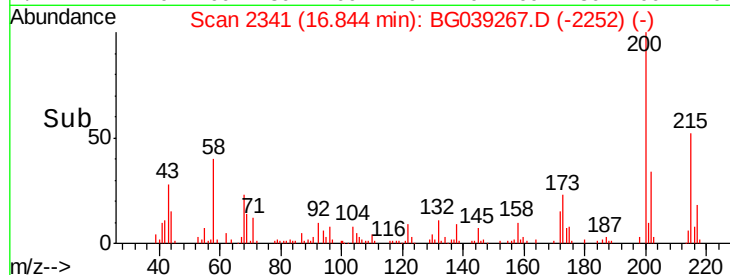
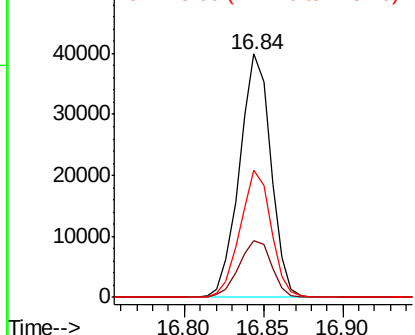
#69  
 Atrazine  
 Concen: 38.552 ng  
 RT: 16.84 min Scan# 2341  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

Tgt Ion:200 Resp: 54818  
 Ion Ratio Lower Upper  
 200 100  
 173 23.4 2.6 42.6  
 215 52.0 28.0 68.0

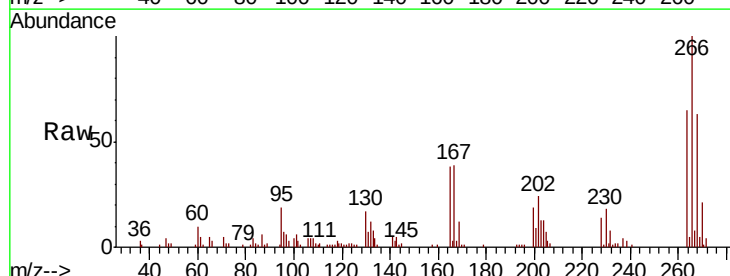


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

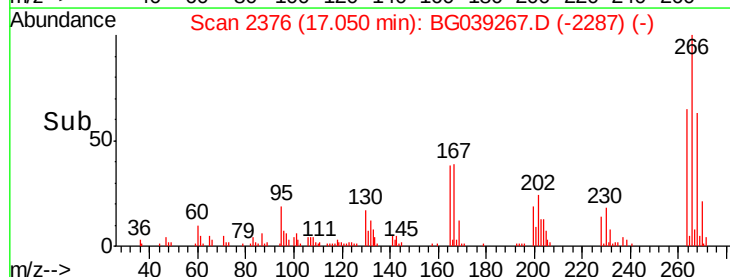
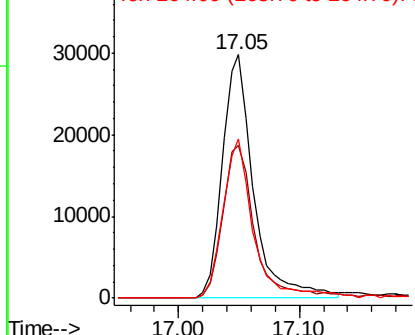


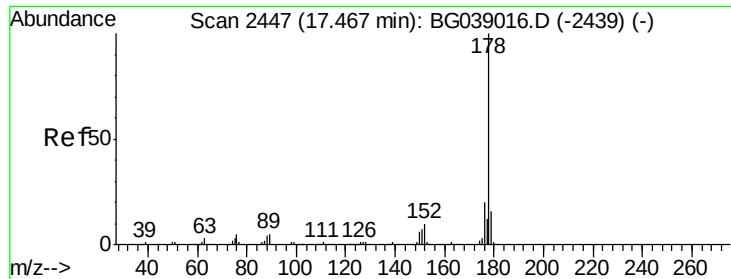
#70  
 Pentachlorophenol  
 Concen: 56.437 ng  
 RT: 17.05 min Scan# 2376  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Tgt Ion:266 Resp: 53422  
 Ion Ratio Lower Upper  
 266 100  
 268 62.6 52.0 78.0  
 264 65.3 54.6 81.8



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

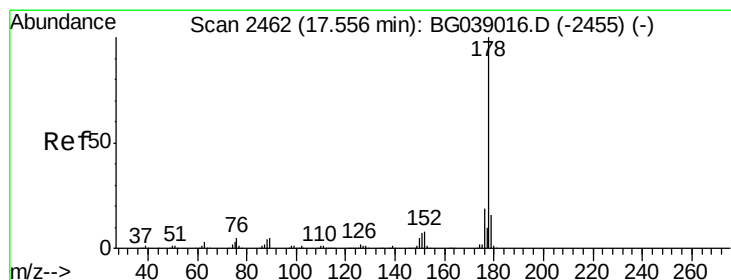
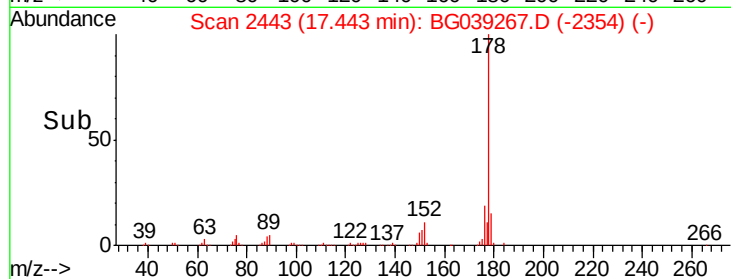
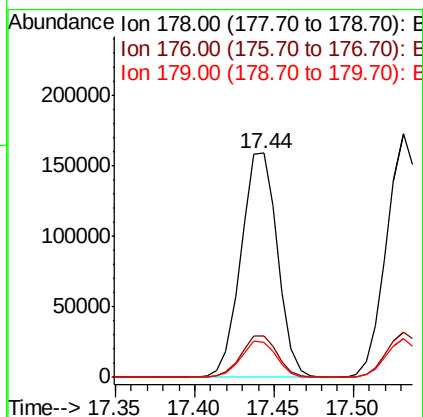
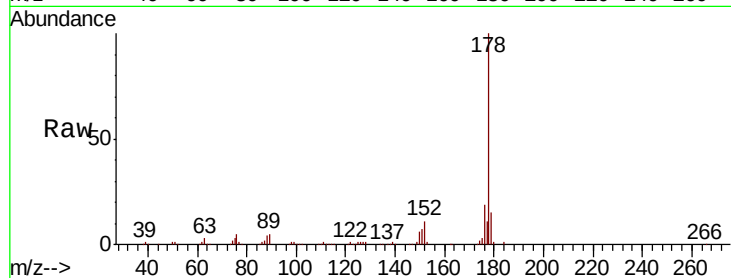




#71  
Phenanthrene  
Concen: 42.623 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

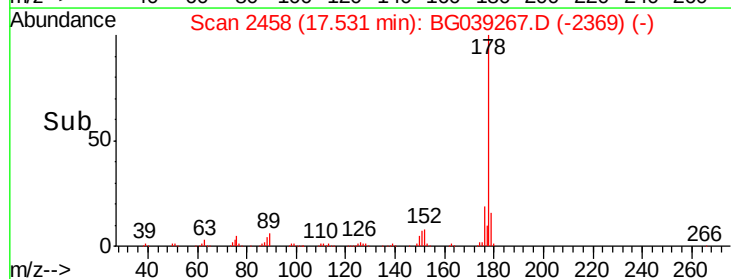
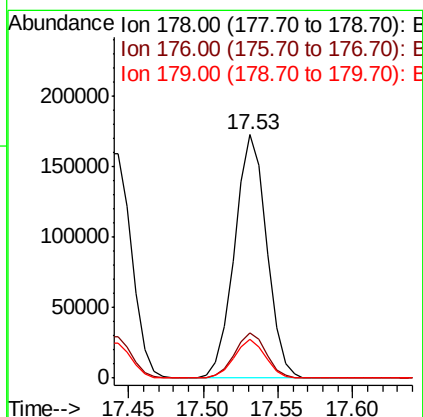
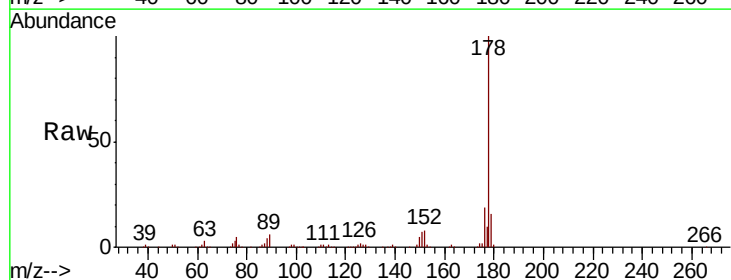
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

Tgt Ion:178 Resp: 254377  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.7 23.5  
179 15.4 12.9 19.3

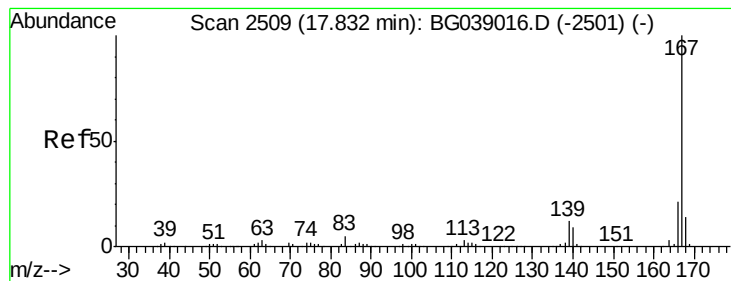


#72  
Anthracene  
Concen: 43.816 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Tgt Ion:178 Resp: 258546  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.9 22.3  
179 16.1 13.0 19.4







#73

Carbazole

Concen: 38.476 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

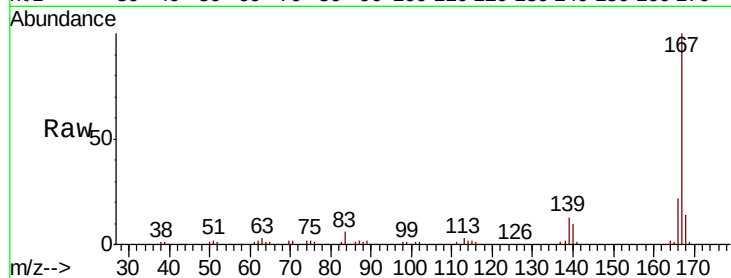
Tgt Ion:167 Resp: 224127

Ion Ratio Lower Upper

167 100

166 22.0 16.9 25.3

139 12.6 10.0 15.0

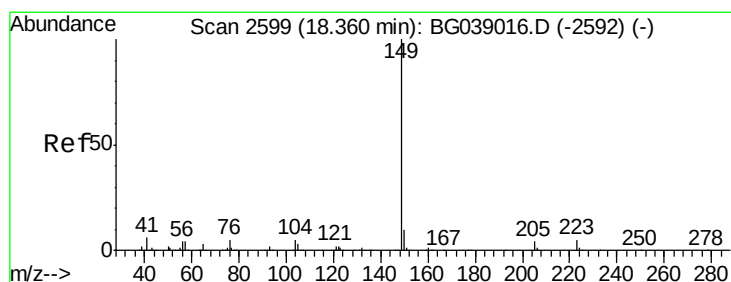
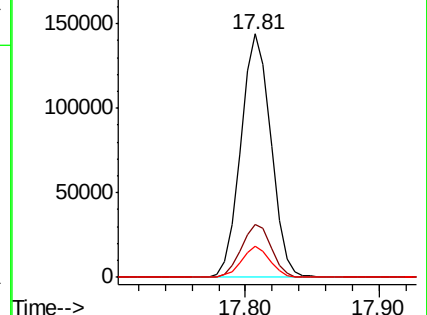
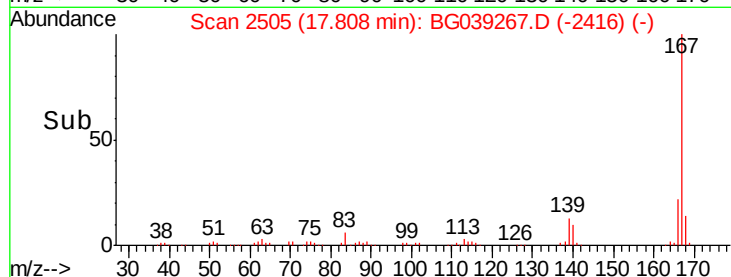


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.569 ng

RT: 18.34 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

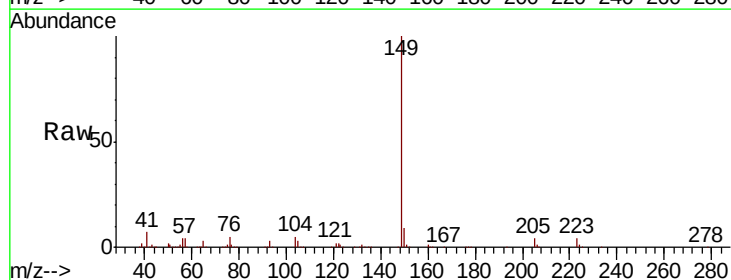
Tgt Ion:149 Resp: 269382

Ion Ratio Lower Upper

149 100

150 9.2 7.9 11.9

104 5.5 4.2 6.2

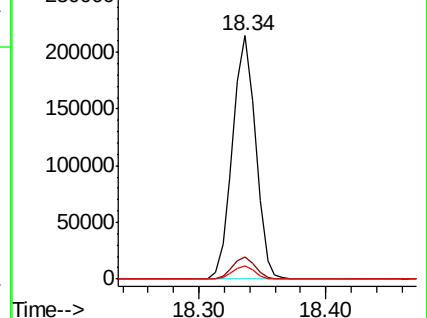
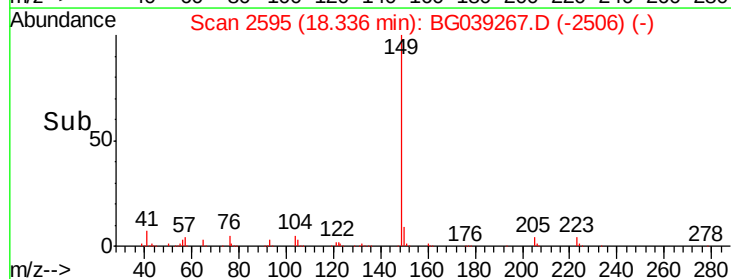


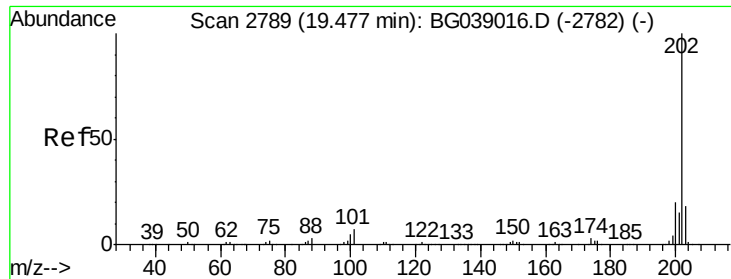
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

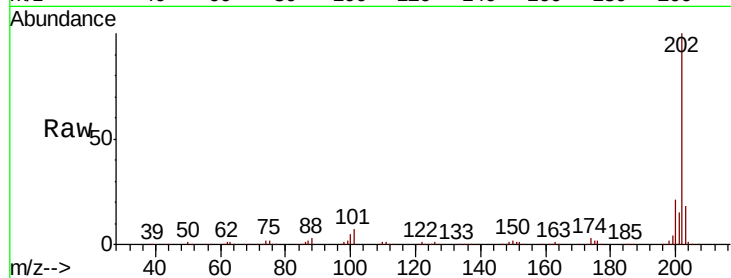




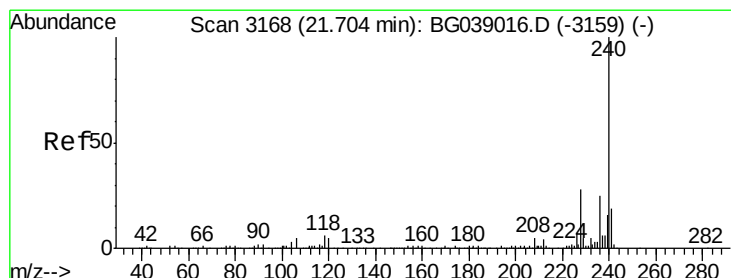
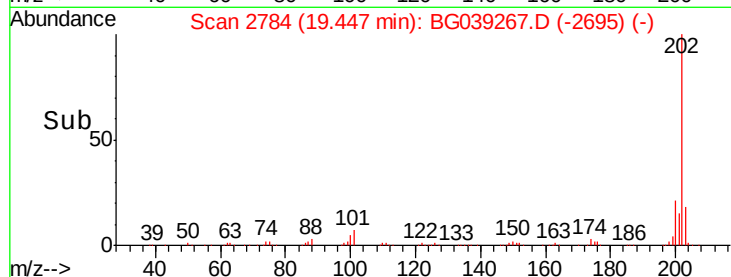
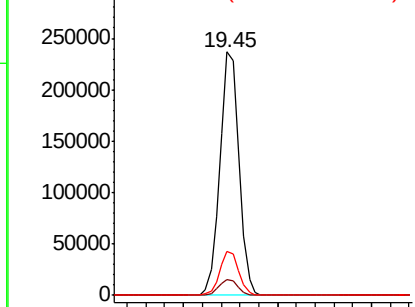
#75  
 Fluoranthene  
 Concen: 45.437 ng  
 RT: 19.45 min Scan# 2784  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 6.6   | 0.0   | 26.9  |
| 203     | 18.0  | 0.0   | 38.1  |

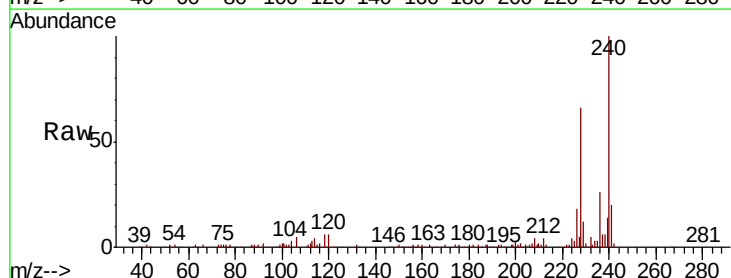


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

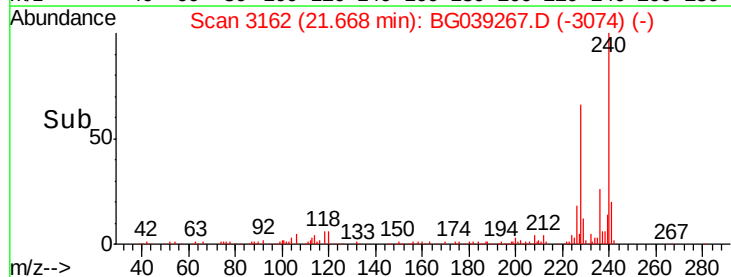
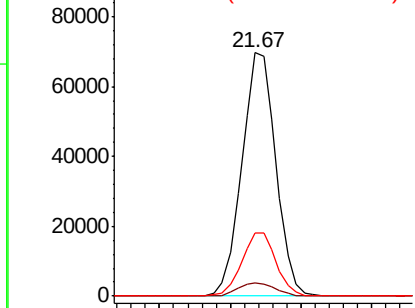


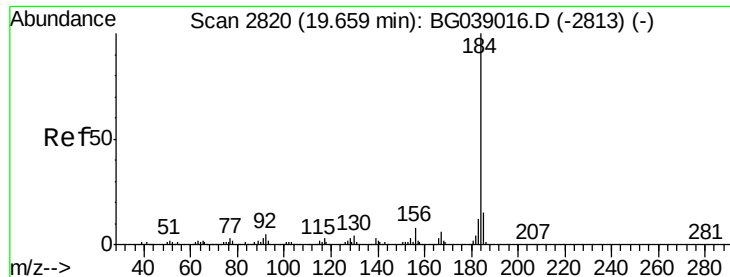
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.67 min Scan# 3162  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.5   | 4.3   | 6.5   |
| 236     | 25.7  | 20.1  | 30.1  |



Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.025 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

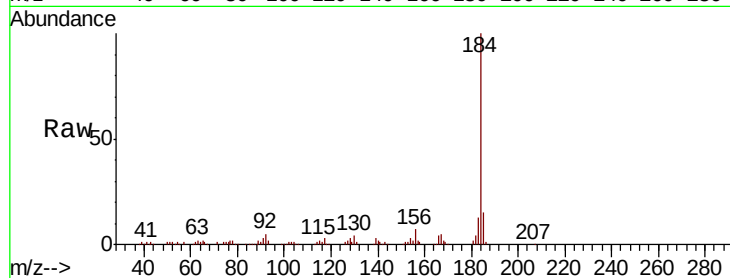
Tgt Ion:184 Resp: 114715

Ion Ratio Lower Upper

184 100

185 15.1 12.1 18.1

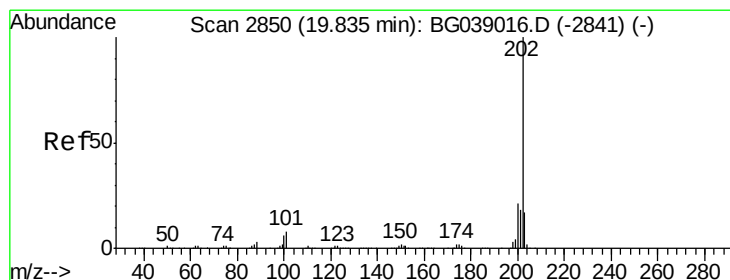
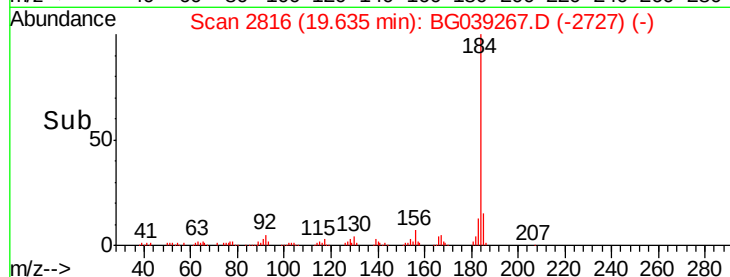
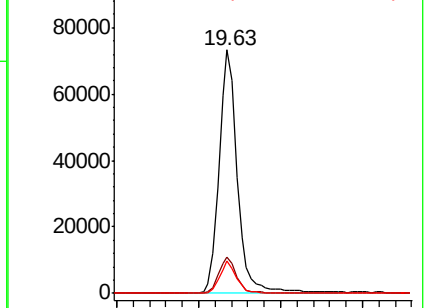
183 13.2 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.174 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

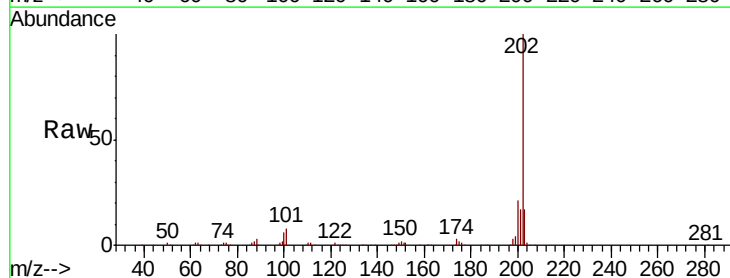
Tgt Ion:202 Resp: 322228

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

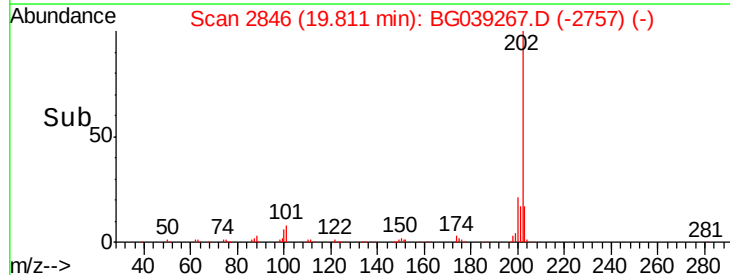
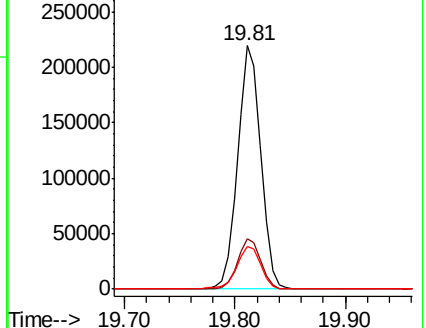
203 17.5 14.0 21.0

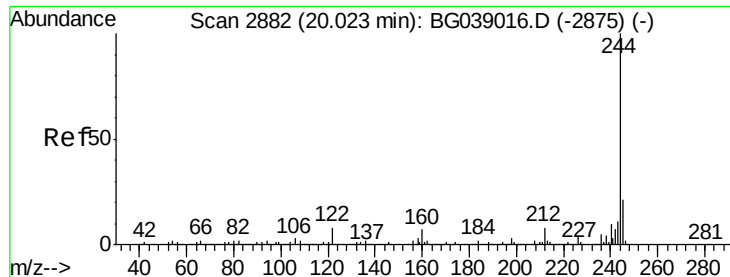


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.493 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampled :

IDOC-W-04

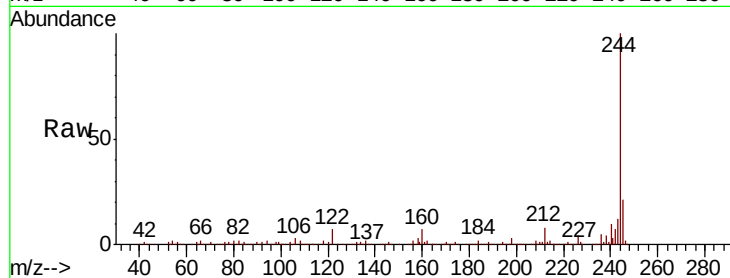
Tgt Ion:244 Resp: 553893

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

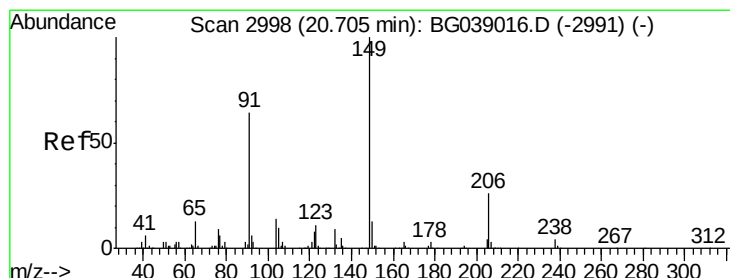
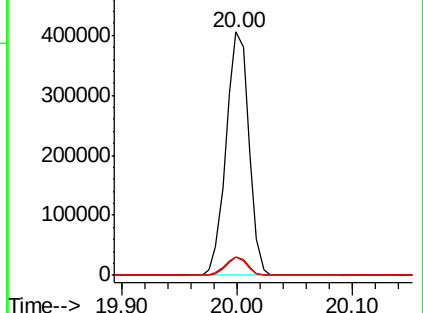
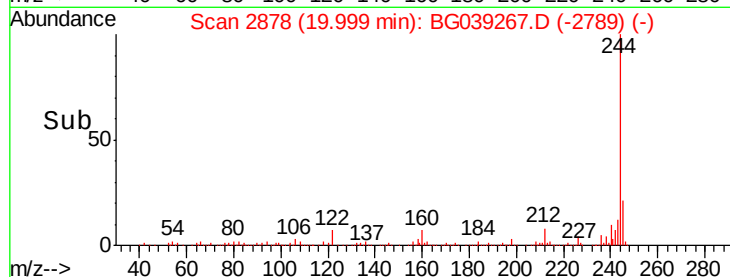
122 7.4 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.374 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

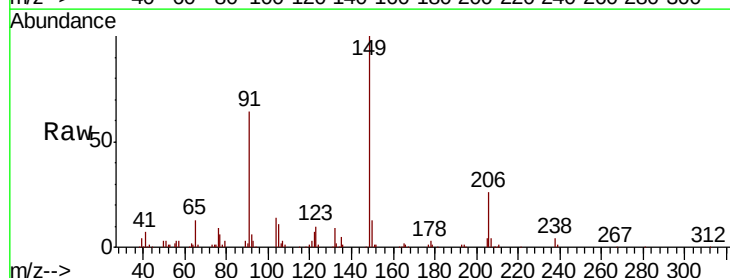
Tgt Ion:149 Resp: 120282

Ion Ratio Lower Upper

149 100

91 63.7 51.4 77.0

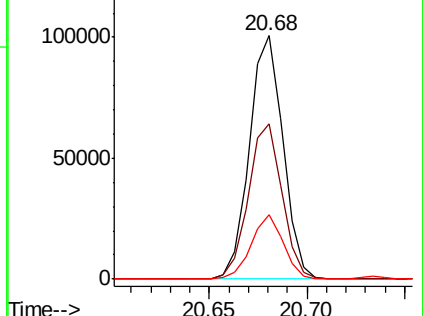
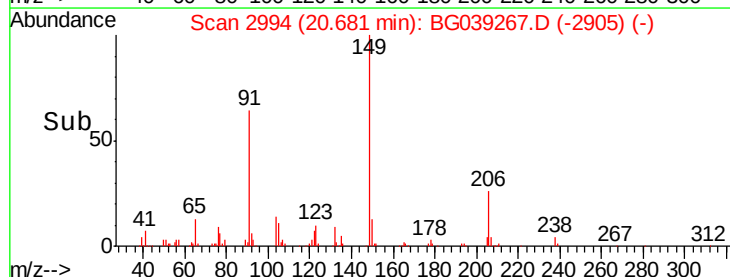
206 26.3 20.4 30.6

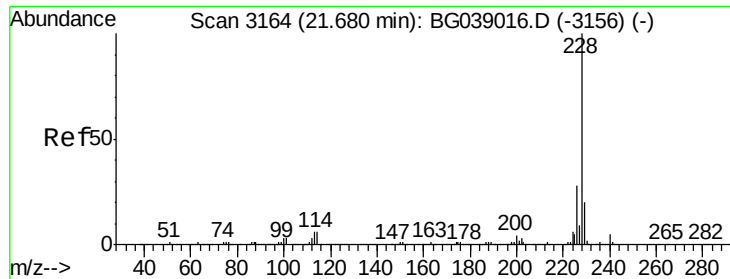


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.451 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

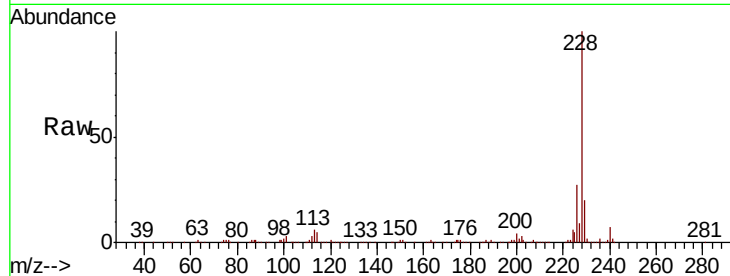
Tgt Ion:228 Resp: 309771

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

229 19.8 16.2 24.2

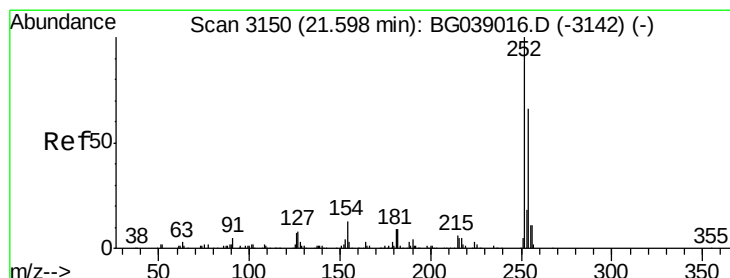
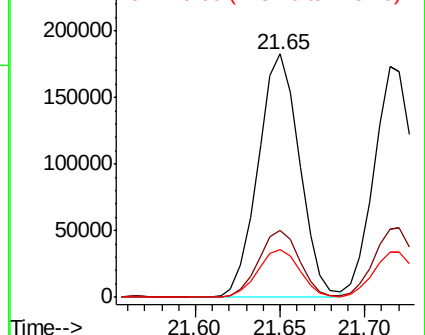
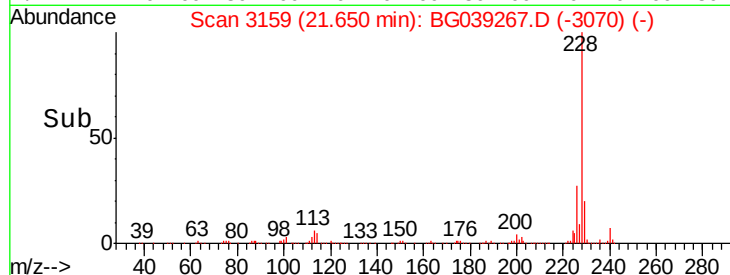


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 26.150 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

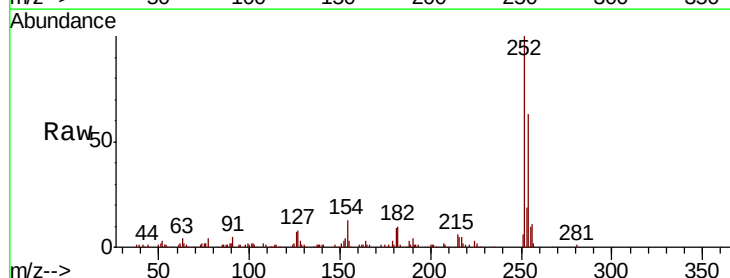
Tgt Ion:252 Resp: 75958

Ion Ratio Lower Upper

252 100

254 62.8 53.0 79.6

126 6.6 6.0 9.0

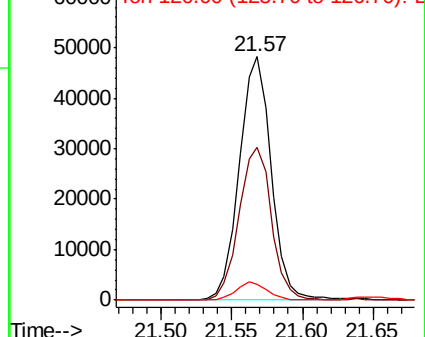
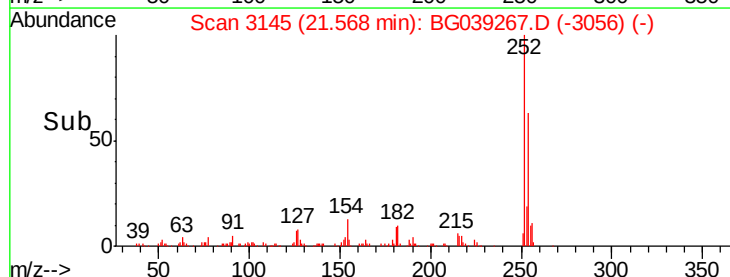


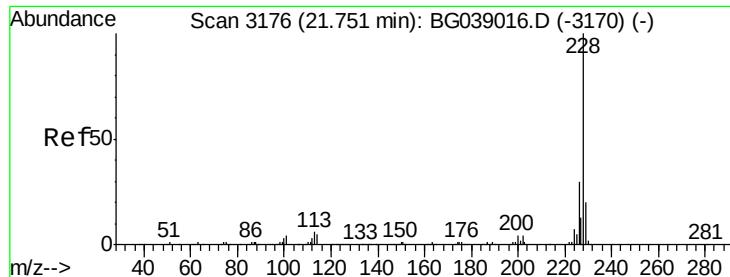
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.077 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

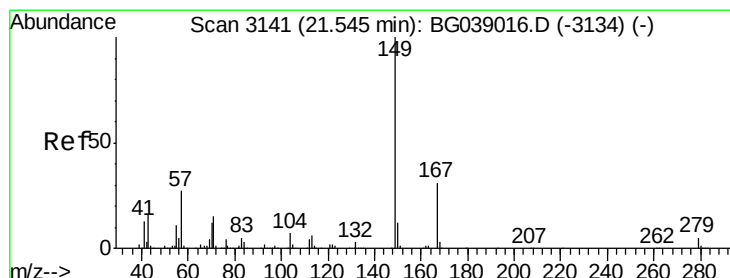
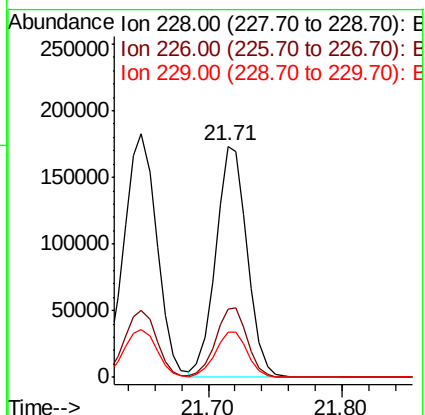
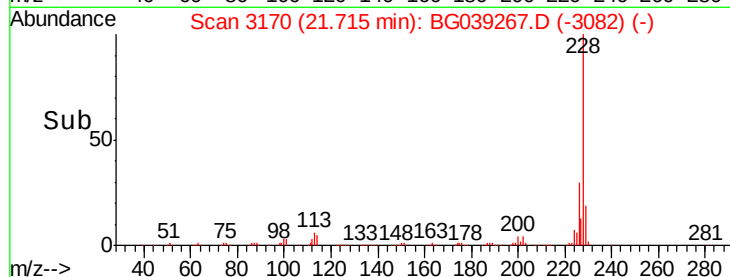
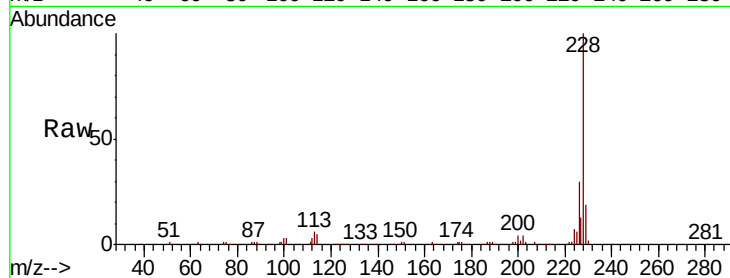
Tgt Ion:228 Resp: 285302

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.423 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

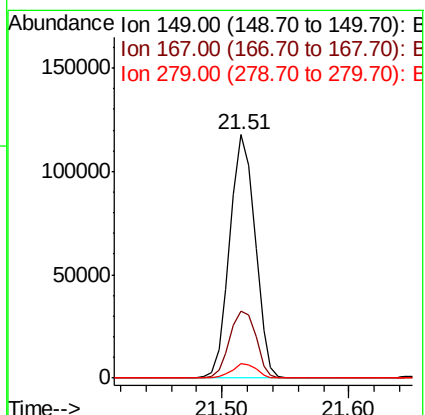
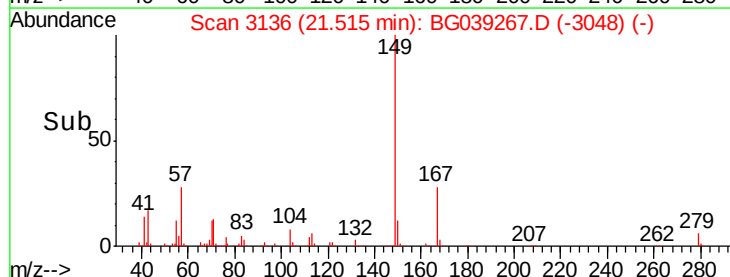
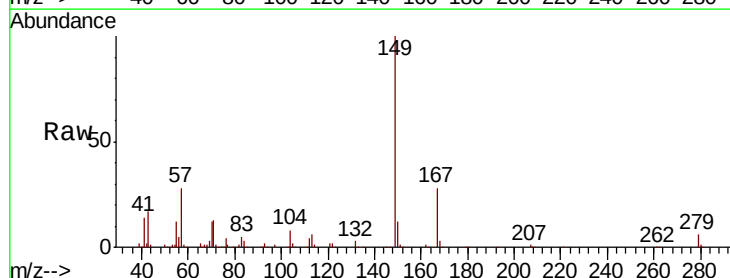
Tgt Ion:149 Resp: 163266

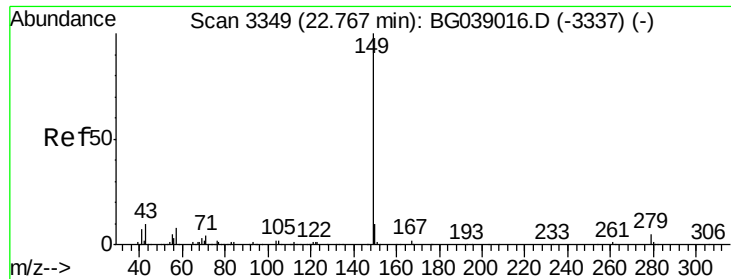
Ion Ratio Lower Upper

149 100

167 27.8 25.0 37.4

279 5.8 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 41.763 ng

RT: 22.73 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

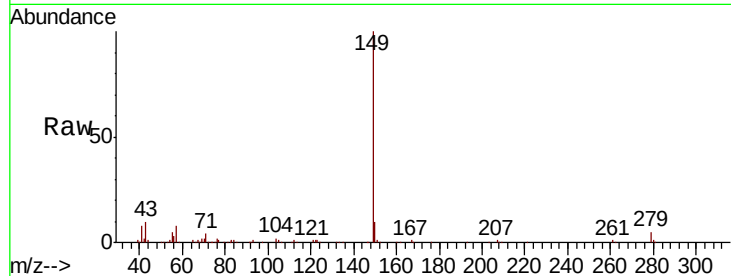
Tgt Ion:149 Resp: 278333

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

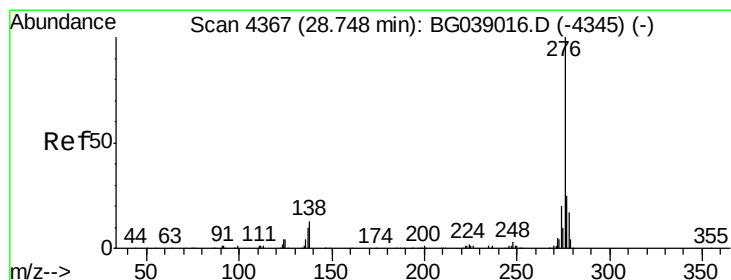
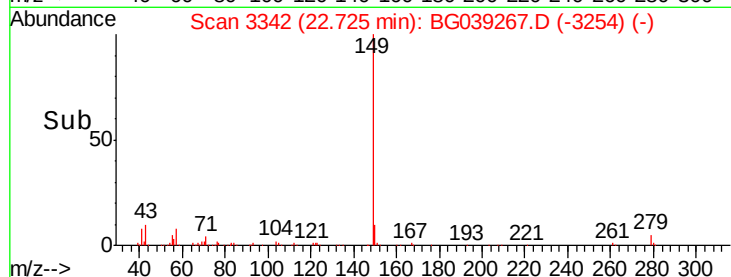
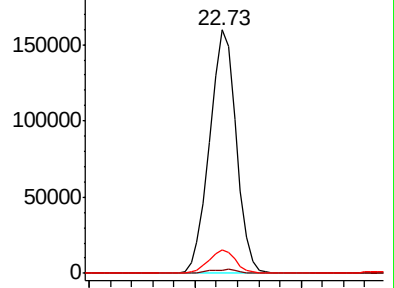
43 9.8 7.5 11.3



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.151 ng

RT: 28.67 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

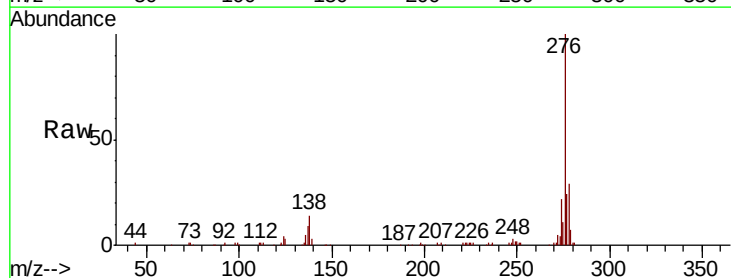
Tgt Ion:276 Resp: 382016

Ion Ratio Lower Upper

276 100

138 15.8 8.0 12.0#

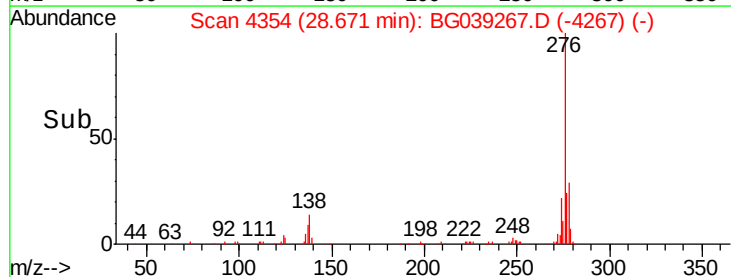
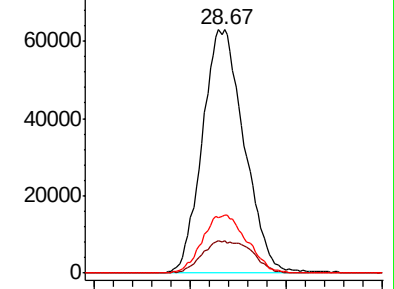
277 25.4 20.3 30.5

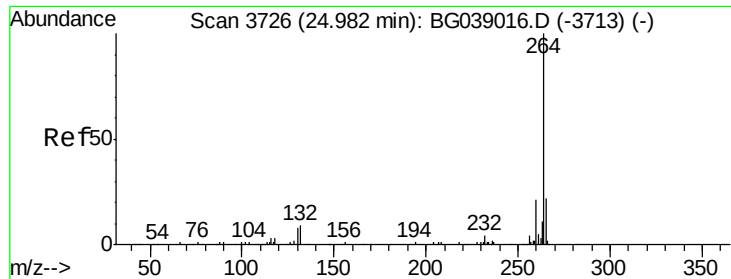


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

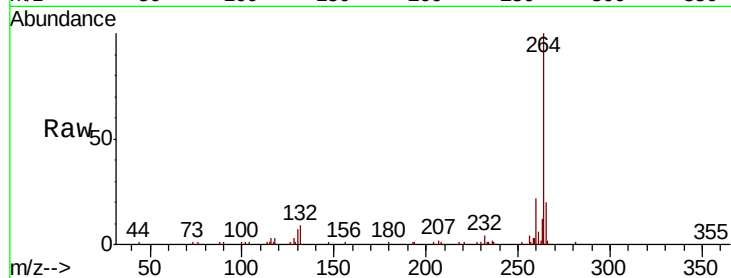
Tgt Ion:264 Resp: 122067

Ion Ratio Lower Upper

264 100

260 22.0 17.0 25.6

265 20.4 17.2 25.8

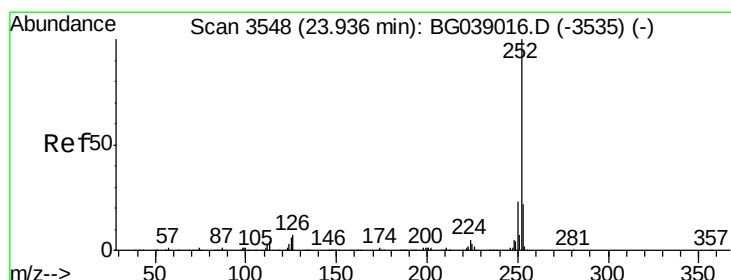
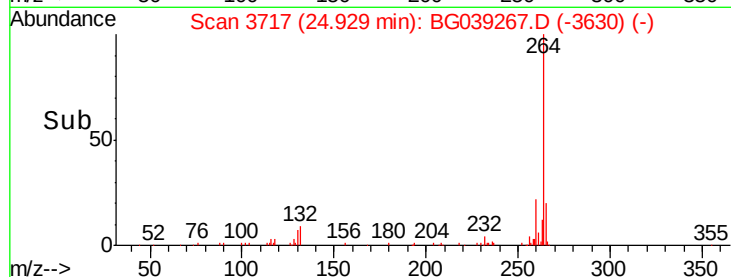
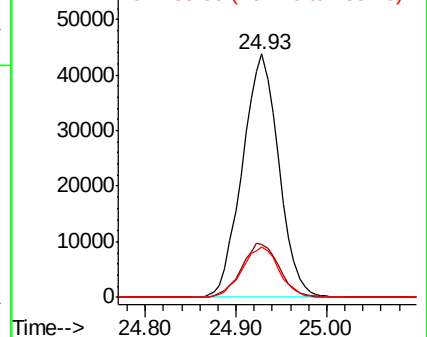


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.221 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.02 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

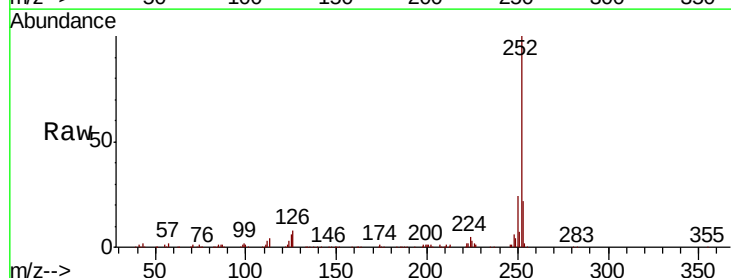
Tgt Ion:252 Resp: 324562

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 5.6 4.9 7.3

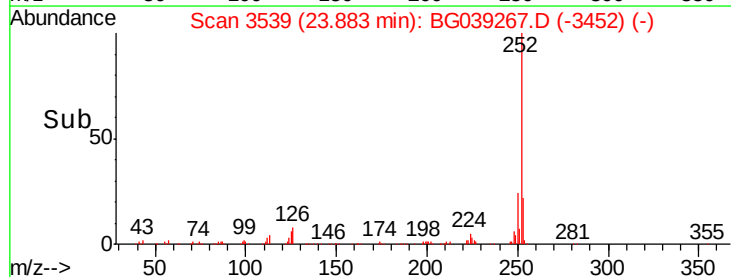
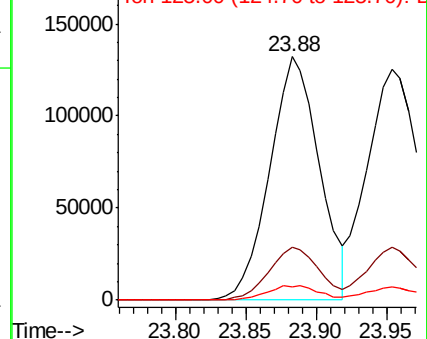


Abundance

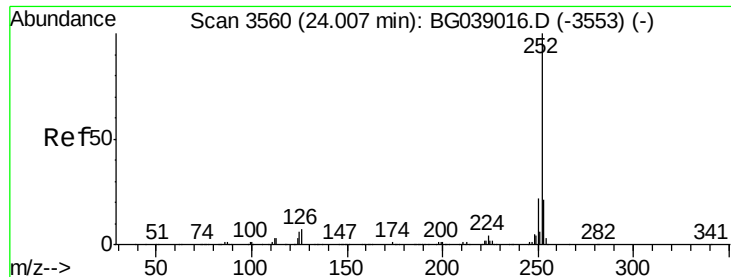
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 47.151 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-04

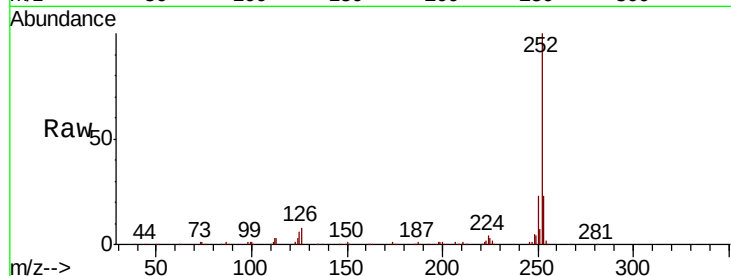
Tgt Ion:252 Resp: 313786

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

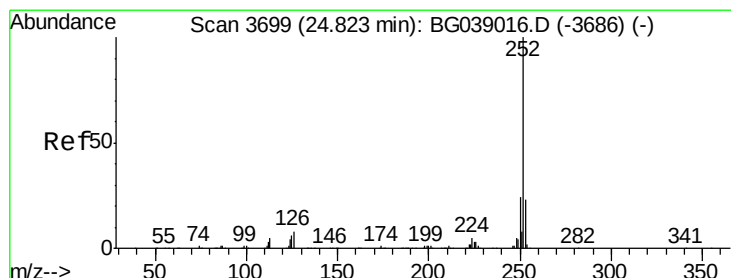
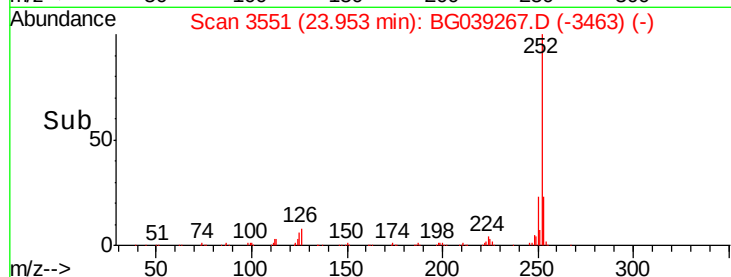
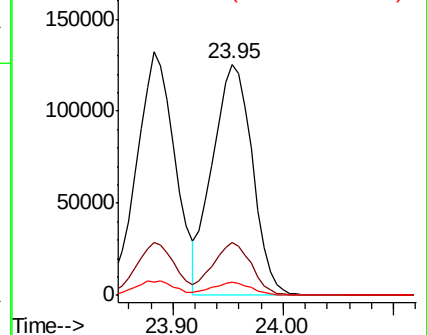
125 5.8 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.741 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

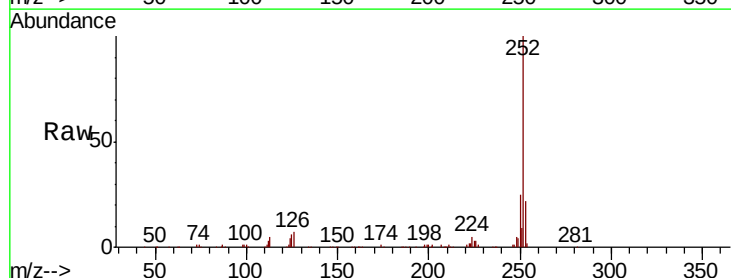
Tgt Ion:252 Resp: 297583

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

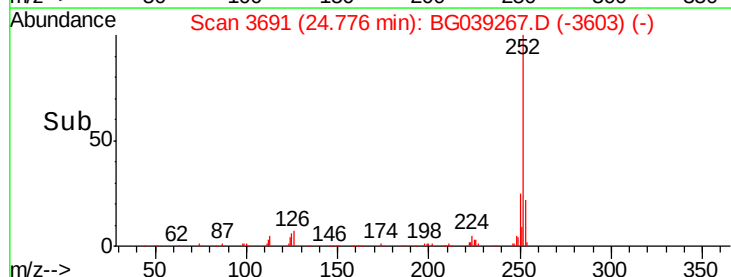
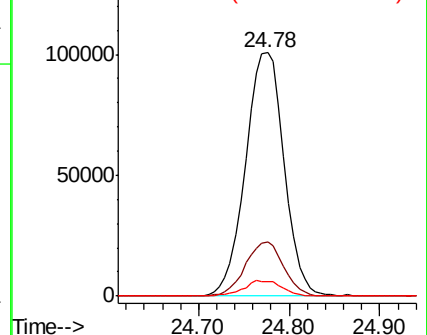
125 6.1 4.9 7.3

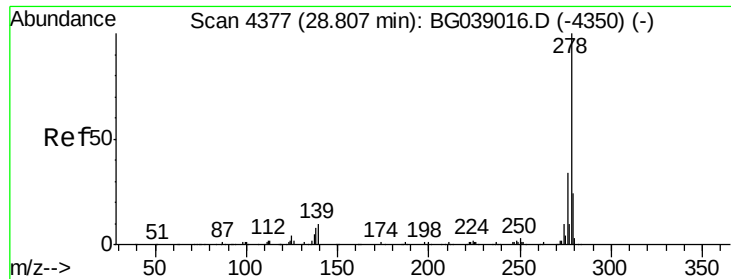


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

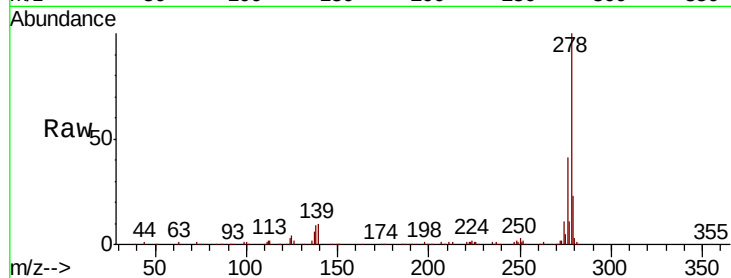




#91  
Dibenzo(a,h)anthracene  
Concen: 48.197 ng  
RT: 28.72 min Scan# 4362  
Delta R.T. -0.03 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.6   | 7.9   | 11.9  |
| 279     | 22.6  | 19.3  | 28.9  |

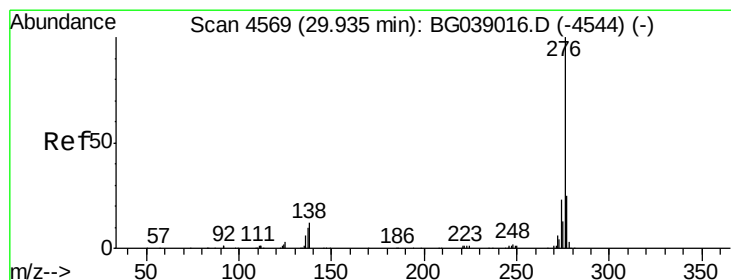
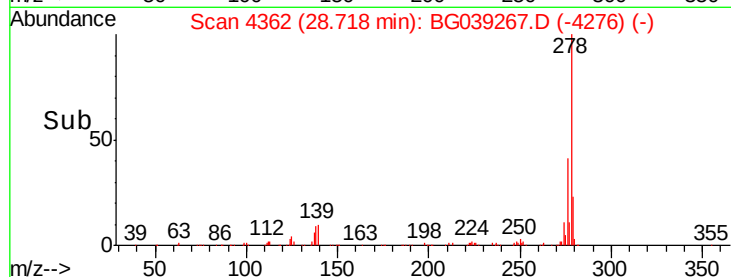
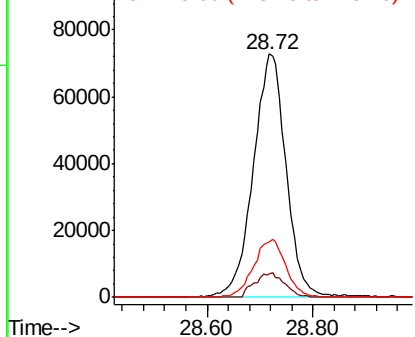


Abundance

Ion 278.00 (277.70 to 278.70): E

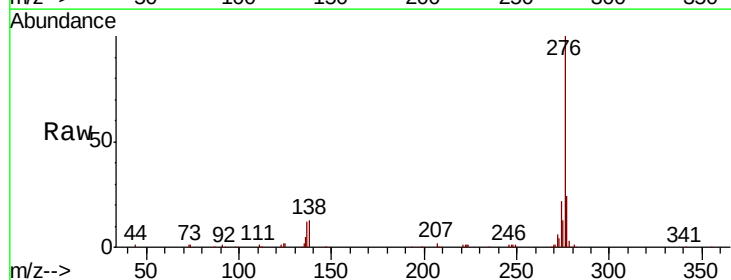
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 45.901 ng  
RT: 29.84 min Scan# 4553  
Delta R.T. -0.03 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 20.3  | 30.5  |
| 138     | 12.7  | 9.4   | 14.2  |



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

