

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\  
 Data File : BG034786.D  
 Acq On : 29 May 2018 20:53  
 Operator : SJ/JU  
 Sample : J3138-02MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 30 04:20:18 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 25 14:58:34 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 90393    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.85 | 136  | 329855   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.68 | 164  | 226765   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.43 | 188  | 574459   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.72 | 240  | 685440   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 24.99 | 264  | 764865   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 654755  | 111.57 | ng | 0.00  |
| 7) Phenol-d6             | 7.21  | 99  | 879291  | 92.62  | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.20  | 82  | 638637  | 73.96  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.18 | 330 | 477714  | 122.32 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 13.30 | 172 | 1339329 | 80.18  | ng | 0.00  |
| 78) Terphenyl-d14        | 20.05 | 244 | 2600631 | 83.20  | ng | -0.01 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88  | 96936  | 40.21 | ng | # 74   |
| 3) Pyridine                    | 3.94  | 79  | 213853 | 27.51 | ng | # 70   |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 106077 | 23.33 | ng | # 57   |
| 6) Aniline                     | 7.36  | 93  | 223106 | 18.00 | ng | 92     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 243852 | 39.29 | ng | 94     |
| 9) Benzaldehyde                | 7.17  | 77  | 59733  | 9.11  | ng | 98     |
| 10) Phenol                     | 7.23  | 94  | 324068 | 34.23 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 286660 | 40.08 | ng | 86     |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 280579 | 38.42 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.07  | 146 | 289796 | 38.97 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146 | 273990 | 37.53 | ng | 96     |
| 15) Benzyl Alcohol             | 8.27  | 79  | 295315 | 30.40 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 308262 | 37.97 | ng | 81     |
| 17) 2-Methylphenol             | 8.49  | 107 | 226741 | 35.65 | ng | # 88   |
| 18) Hexachloroethane           | 9.12  | 117 | 104934 | 33.54 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70  | 239396 | 30.79 | ng | # 80   |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 305508 | 34.45 | ng | 91     |
| 22) Acetophenone               | 8.86  | 105 | 434566 | 41.24 | ng | # 87   |
| 24) Nitrobenzene               | 9.24  | 77  | 346820 | 38.70 | ng | 95     |
| 25) Isophorone                 | 9.77  | 82  | 646656 | 38.64 | ng | 99     |
| 26) 2-Nitrophenol              | 9.96  | 139 | 138910 | 43.40 | ng | # 93   |
| 27) 2,4-Dimethylphenol         | 10.02 | 122 | 254105 | 45.41 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.25 | 93  | 383222 | 45.49 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 281605 | 48.26 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.71 | 180 | 298635 | 43.04 | ng | 97     |
| 31) Naphthalene                | 10.90 | 128 | 794716 | 46.34 | ng | 99     |
| 32) Benzoic acid               | 10.17 | 122 | 144454 | 36.45 | ng | 95     |
| 33) 4-Chloroaniline            | 11.02 | 127 | 32043  | 4.28  | ng | 95     |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 217976 | 39.54 | ng | 97     |
| 35) Caprolactam                | 11.79 | 113 | 53659  | 24.19 | ng | # 60   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 316583 | 40.26 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 595585 | 43.00 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 387835 | 45.51 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.85 | 237 | 513085 | 76.89 | ng | 90     |

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 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

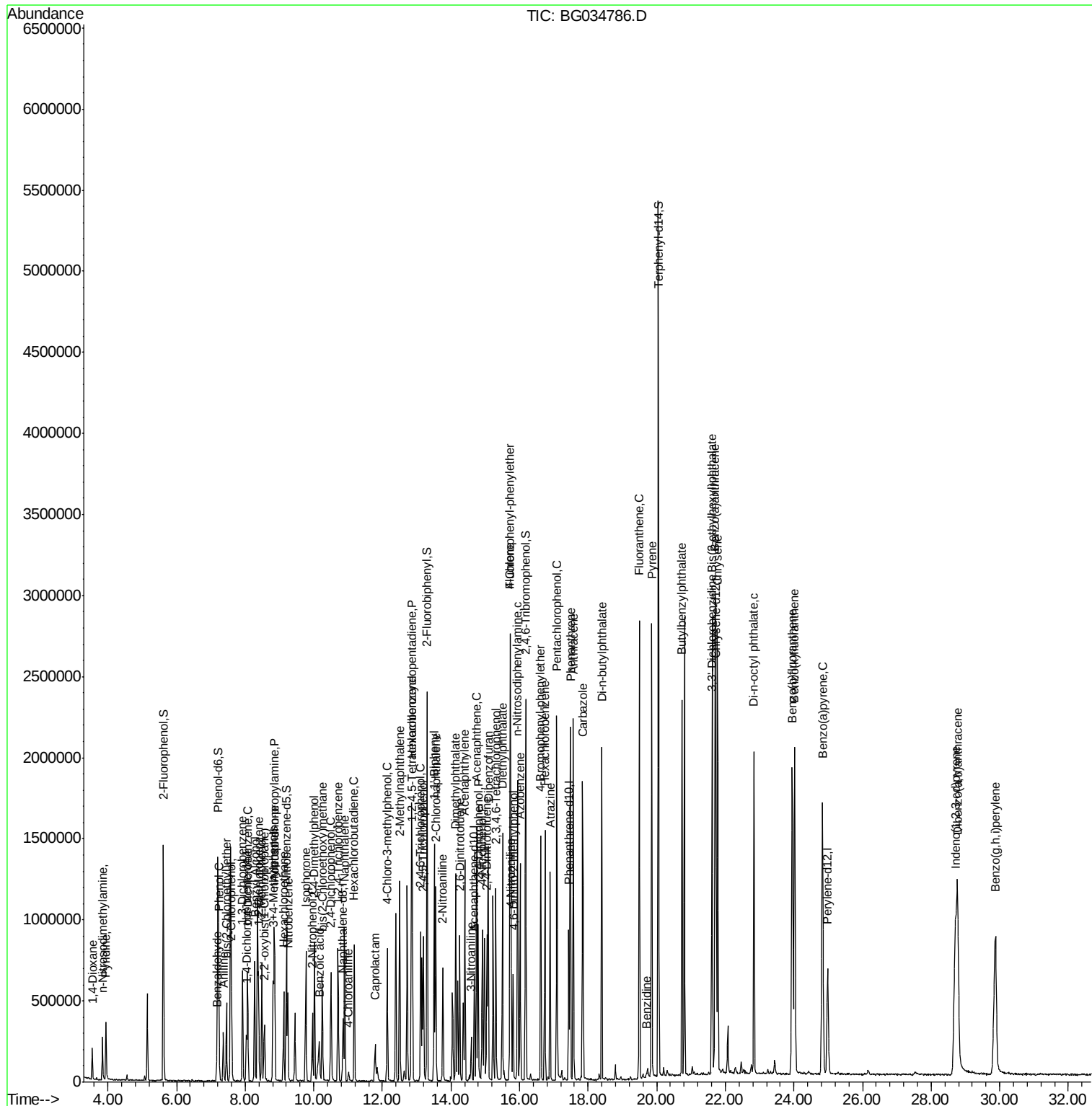
Quant Time: May 30 04:20:18 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 25 14:58:34 2018  
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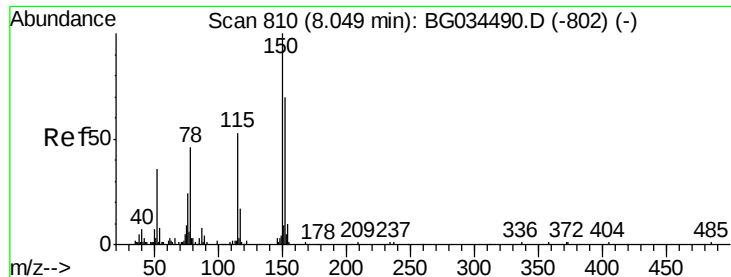
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 42) 2,4,6-Trichlorophenol      | 13.12 | 196  | 247643   | 46.71 | nq    | 95       |
| 43) 2,4,5-Trichlorophenol      | 13.20 | 196  | 280469   | 48.21 | nq #  | 93       |
| 45) 1,1'-Biphenyl              | 13.52 | 154  | 822517   | 46.05 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.56 | 162  | 638460   | 45.42 | nq    | 98       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 218229   | 38.00 | nq    | 96       |
| 48) Acenaphthylene             | 14.40 | 152  | 972600   | 45.21 | nq    | 98       |
| 49) Dimethylphthalate          | 14.14 | 163  | 857287   | 43.80 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.26 | 165  | 197989   | 49.33 | nq    | 90       |
| 51) Acenaphthene               | 14.75 | 154  | 626156   | 44.89 | nq    | 91       |
| 52) 3-Nitroaniline             | 14.59 | 138  | 68493    | 18.46 | nq #  | 81       |
| 53) 2,4-Dinitrophenol          | 14.80 | 184  | 244781   | 92.69 | nq #  | 55       |
| 54) Dibenzofuran               | 15.08 | 168  | 1030423  | 45.04 | nq    | 99       |
| 55) 4-Nitrophenol              | 14.91 | 139  | 271307   | 83.22 | nq    | 91       |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 285710   | 47.95 | nq #  | 84       |
| 57) Fluorene                   | 15.73 | 166  | 830538   | 46.51 | nq    | 93       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 282076   | 44.45 | nq #  | 87       |
| 59) Diethylphthalate           | 15.50 | 149  | 839610   | 41.25 | nq #  | 92       |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204  | 483802   | 45.63 | nq    | 90       |
| 61) 4-Nitroaniline             | 15.76 | 138  | 178892   | 42.54 | nq #  | 84       |
| 62) Azobenzene                 | 16.02 | 77   | 845374   | 39.12 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 175937   | 47.76 | nq    | 81       |
| 65) n-Nitrosodiphenylamine     | 15.94 | 169  | 798676   | 47.54 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.62 | 248  | 361905   | 47.87 | nq    | 93       |
| 67) Hexachlorobenzene          | 16.74 | 284  | 383972   | 45.96 | nq #  | 87       |
| 68) Atrazine                   | 16.89 | 200  | 280722   | 37.71 | nq    | 96       |
| 69) Pentachlorophenol          | 17.09 | 266  | 479132   | 95.10 | nq    | 97       |
| 70) Phenanthrene               | 17.48 | 178  | 1442677  | 46.11 | nq    | 96       |
| 71) Anthracene                 | 17.57 | 178  | 1466724  | 46.26 | nq    | 98       |
| 72) Carbazole                  | 17.84 | 167  | 1285872  | 49.01 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.40 | 149  | 1462491  | 45.02 | nq #  | 98       |
| 74) Fluoranthene               | 19.49 | 202  | 1839727  | 47.84 | nq    | 95       |
| 76) Benzidine                  | 19.70 | 184  | 51803    | 5.98  | nq #  | 90       |
| 77) Pyrene                     | 19.86 | 202  | 1872160  | 43.63 | nq    | 97       |
| 79) Butylbenzylphthalate       | 20.74 | 149  | 716529   | 43.31 | nq #  | 92       |
| 80) Benzo(a)anthracene         | 21.71 | 228  | 2020081  | 45.36 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 360497   | 20.81 | nq #  | 97       |
| 82) Chrysene                   | 21.77 | 228  | 1909795  | 46.75 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 1000934  | 44.55 | nq #  | 99       |
| 84) Di-n-octyl phthalate       | 22.83 | 149  | 1727238  | 45.93 | nq #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.72 | 276  | 2481611  | 47.48 | nq #  | 79       |
| 87) Benzo(b)fluoranthene       | 23.95 | 252  | 2174067  | 44.92 | nq #  | 94       |
| 88) Benzo(k)fluoranthene       | 24.02 | 252  | 2110158  | 45.90 | nq #  | 96       |
| 89) Benzo(a)pyrene             | 24.84 | 252  | 2113745  | 46.01 | nq #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 28.77 | 278  | 2057817  | 45.17 | nq #  | 93       |
| 91) Benzo(g,h,i)perylene       | 29.88 | 276  | 2073485  | 45.28 | nq #  | 90       |
| -----                          |       |      |          |       |       |          |

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

```
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ALS Vial  : 11      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

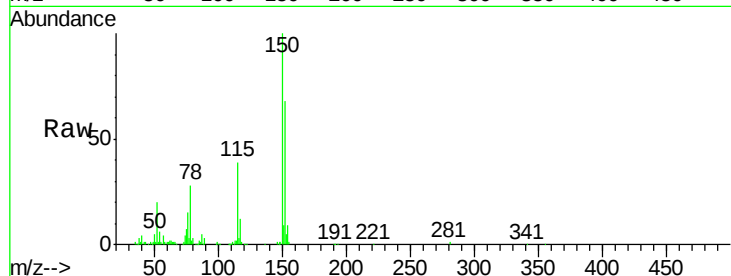
Tot Ion:152 Resp: 90393

Ion Ratio Lower Upper

152 100

150 146.5 126.6 189.8

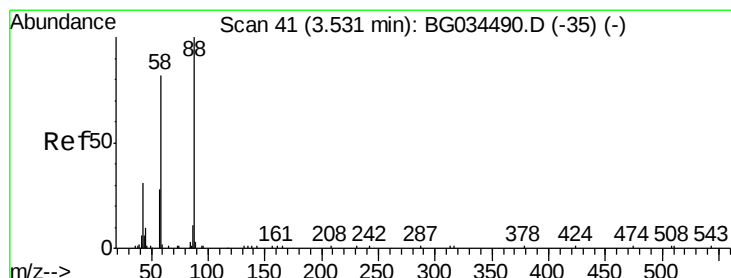
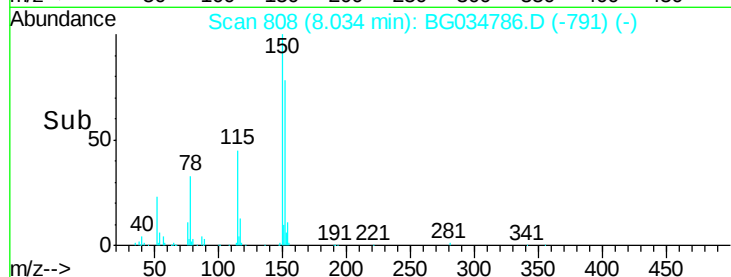
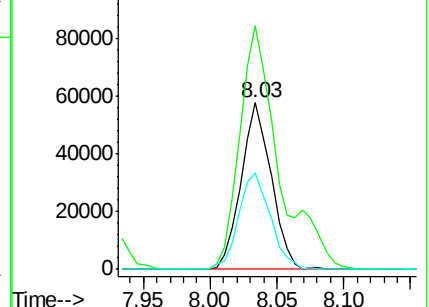
115 57.7 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.21 ng

RT: 3.54 min Scan# 43

Delta R.T. 0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

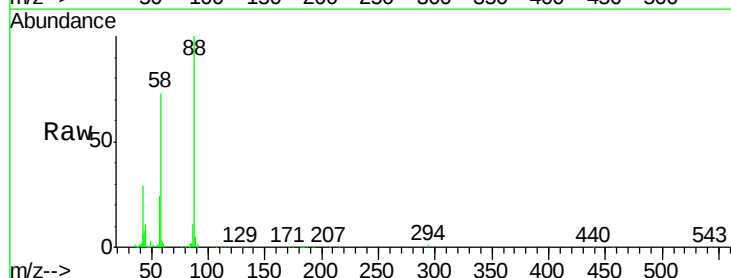
Tgt Ion: 88 Resp: 96936

Ion Ratio Lower Upper

88 100

58 68.6 79.6 119.4#

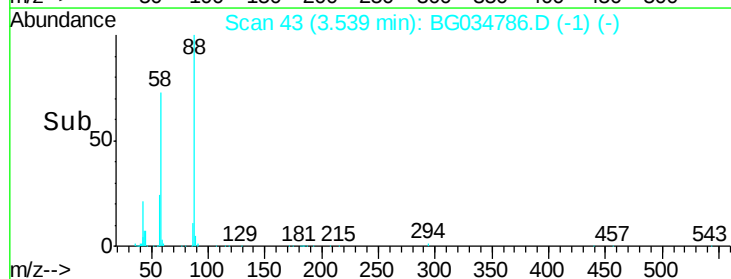
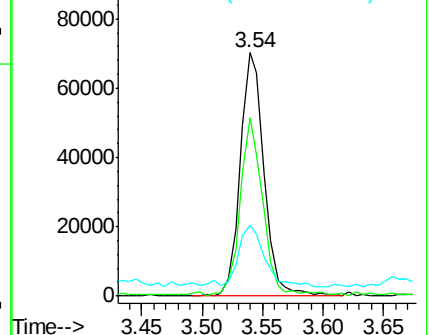
43 27.8 27.4 41.0

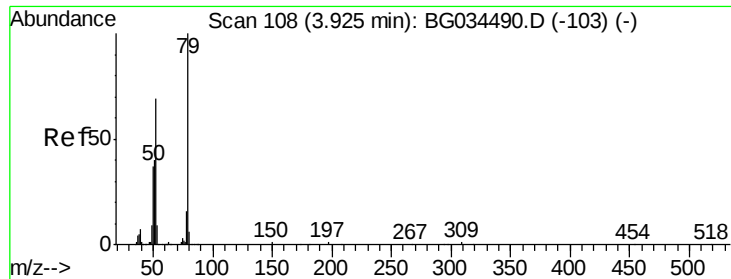


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.51 ng

RT: 3.94 min Scan# 111

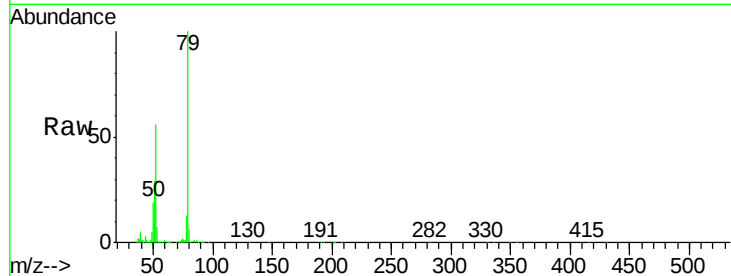
Delta R.T. 0.02 min

Lab File: BG034786.D

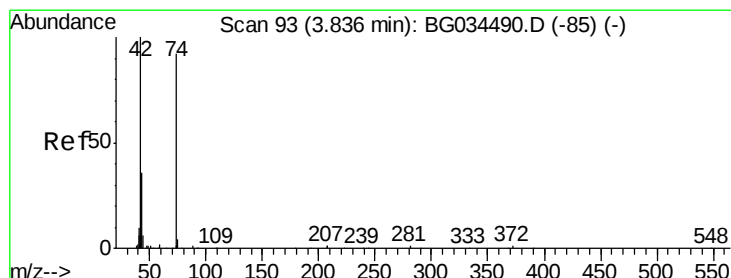
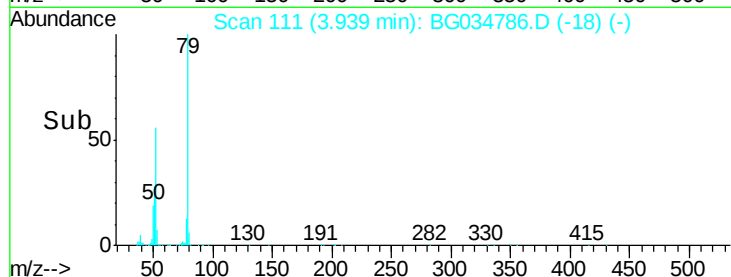
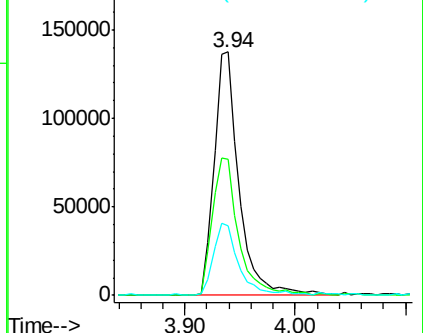
Acq: 29 May 2018 20:53

Tot Ion: 79 Resp: 213853

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 79  | 100   |       |        |
| 52  | 56.0  | 69.9  | 104.9# |
| 51  | 28.5  | 34.0  | 51.0#  |



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



#4

n-Nitrosodimethylamine

Concen: 23.33 ng

RT: 3.84 min Scan# 94

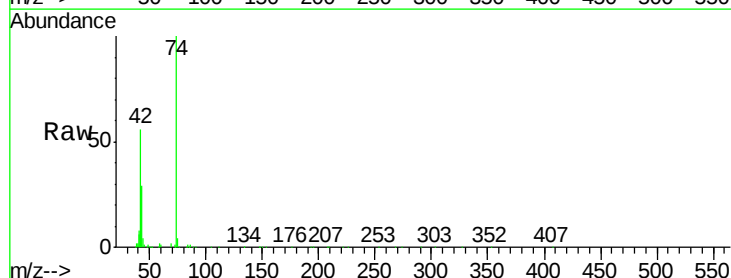
Delta R.T. -0.00 min

Lab File: BG034786.D

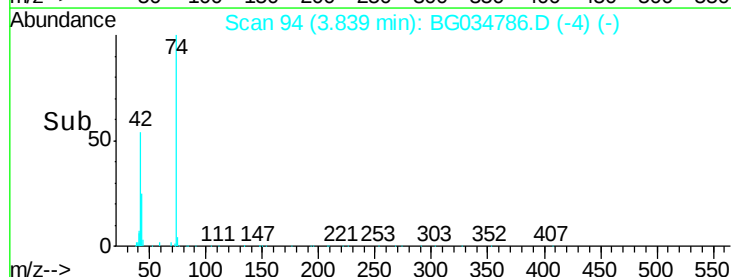
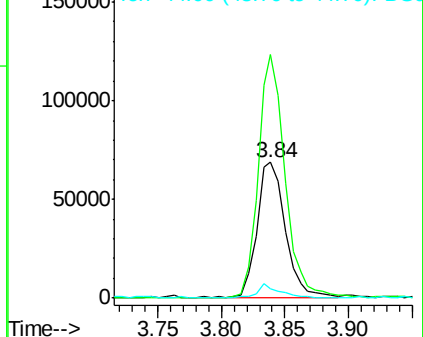
Acq: 29 May 2018 20:53

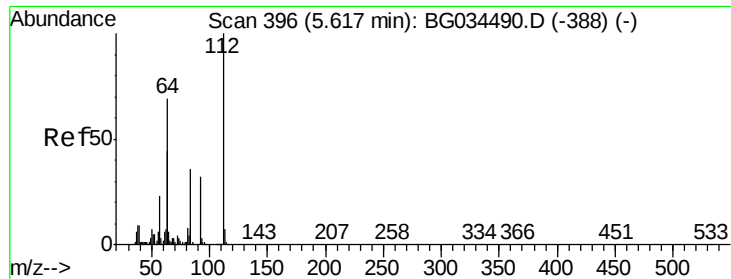
Tgt Ion: 42 Resp: 106077

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 42  | 100   |       |        |
| 74  | 179.5 | 102.5 | 153.7# |
| 44  | 7.1   | 18.9  | 28.3#  |



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





#5

2-Fluorophenol

Concen: 111.57 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

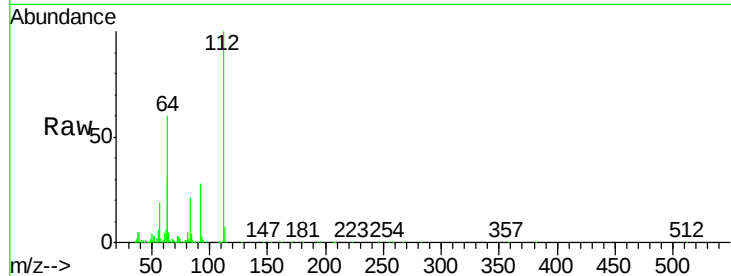
Tot Ion: 112 Resp: 654755

Ion Ratio Lower Upper

112 100

64 59.8 56.3 84.5

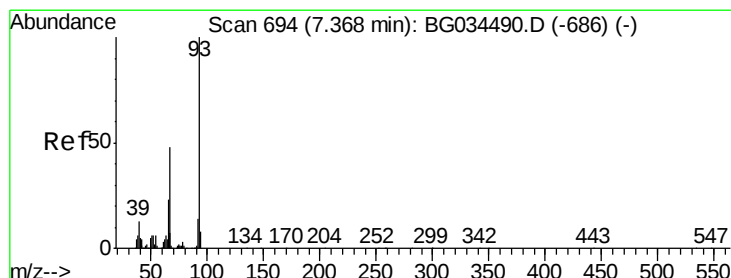
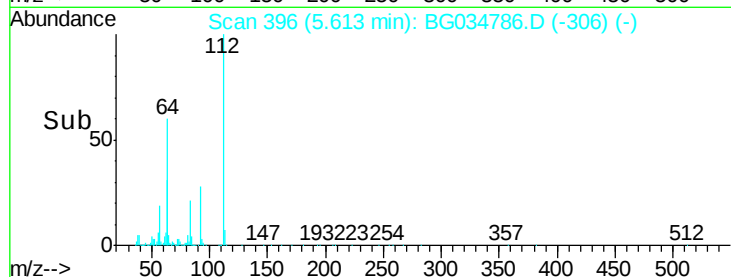
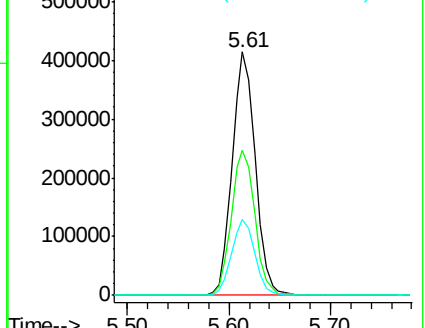
63 31.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.00 ng

RT: 7.36 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

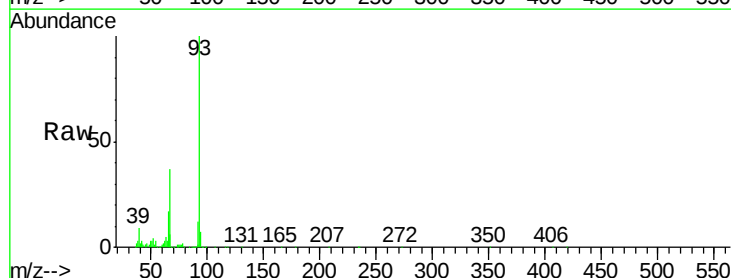
Tgt Ion: 93 Resp: 223106

Ion Ratio Lower Upper

93 100

66 36.8 33.7 50.5

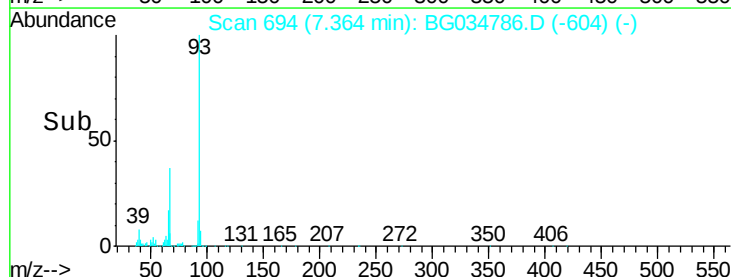
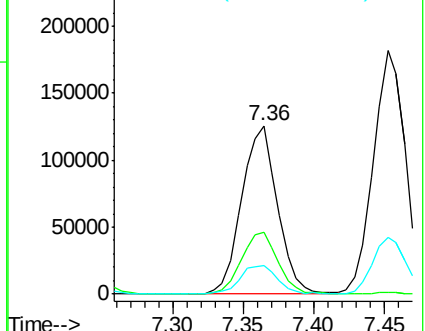
65 17.2 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.62 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

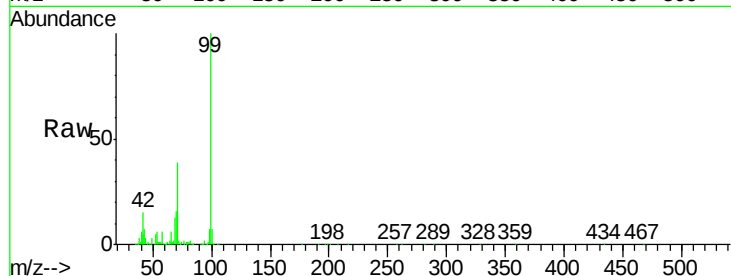
Tot Ion: 99 Resp: 879291

Ion Ratio Lower Upper

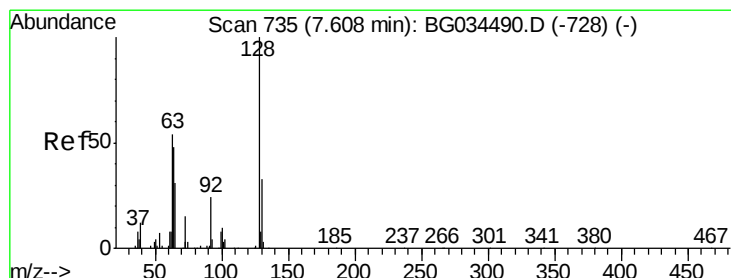
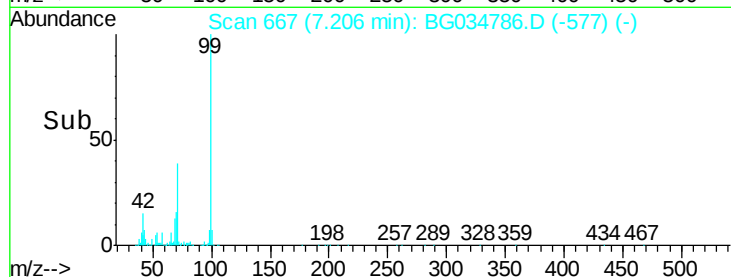
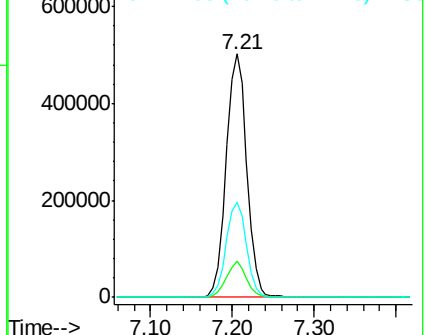
99 100

42 14.8 14.1 21.1

71 38.8 26.1 39.1



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



#8

2-Chlorophenol

Concen: 39.29 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

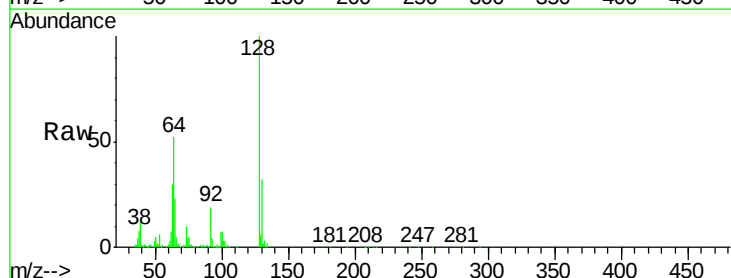
Tgt Ion: 128 Resp: 243852

Ion Ratio Lower Upper

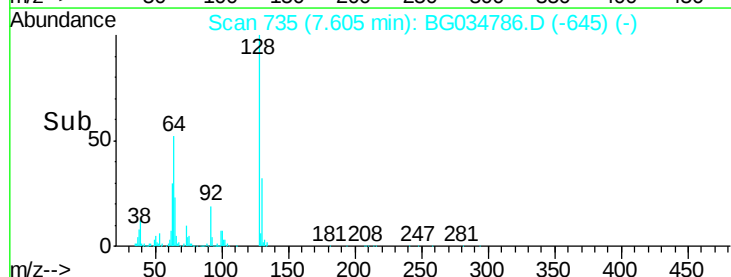
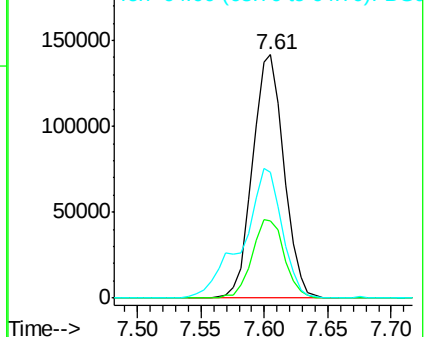
128 100

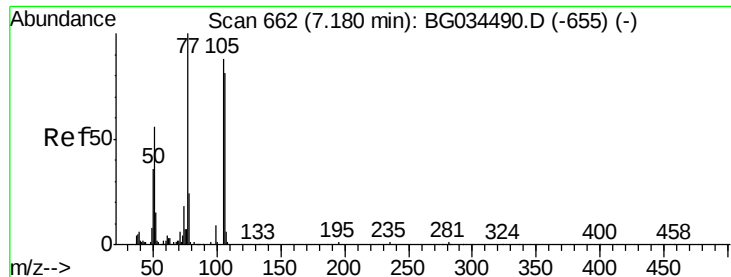
130 32.0 14.0 54.0

64 51.9 37.7 77.7



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





#9

Benzaldehyde

Concen: 9.11 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

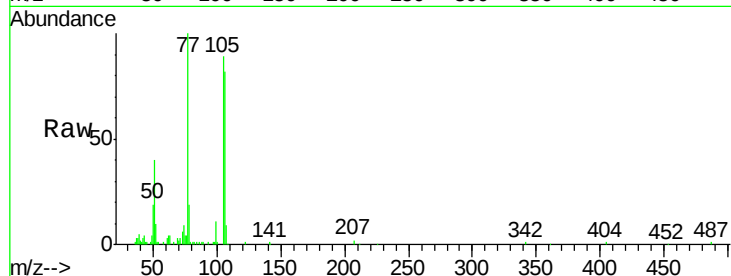
Tot Ion: 77 Resp: 59733

Ion Ratio Lower Upper

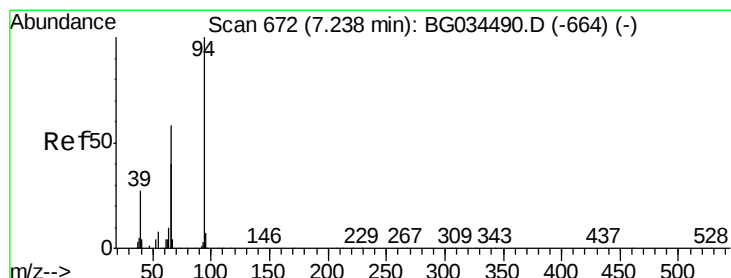
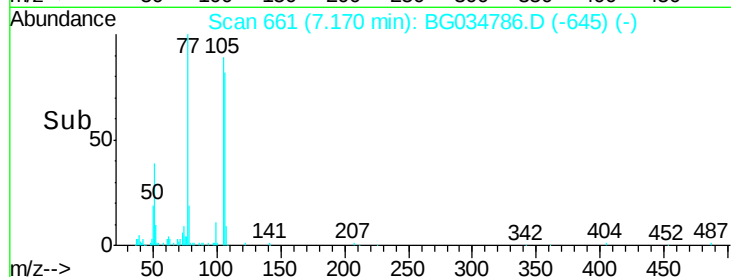
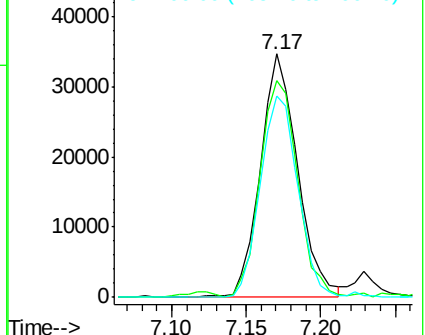
77 100

105 89.0 71.3 111.3

106 82.5 64.2 104.2



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



#10

Phenol

Concen: 34.23 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

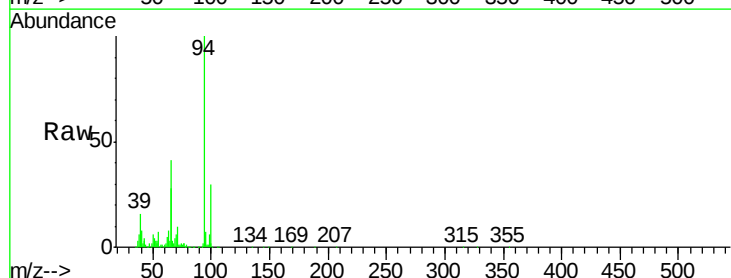
Tgt Ion: 94 Resp: 324068

Ion Ratio Lower Upper

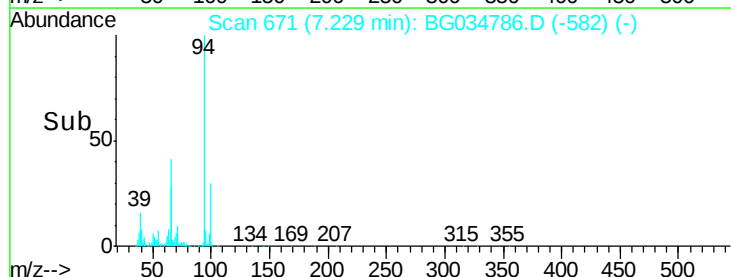
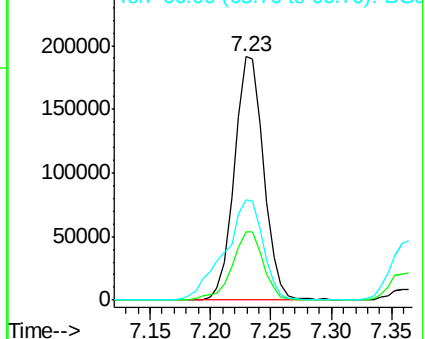
94 100

65 28.1 11.9 51.9

66 41.3 22.2 62.2



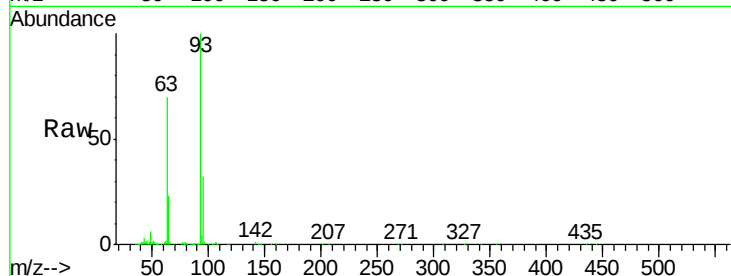
Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



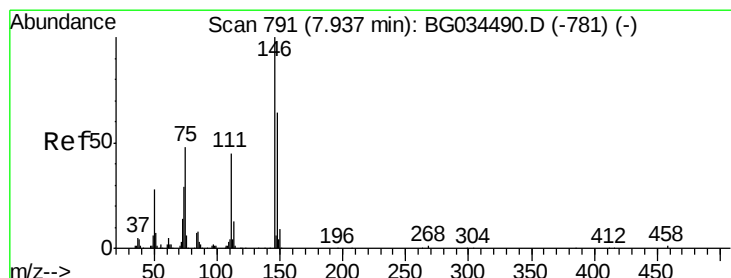
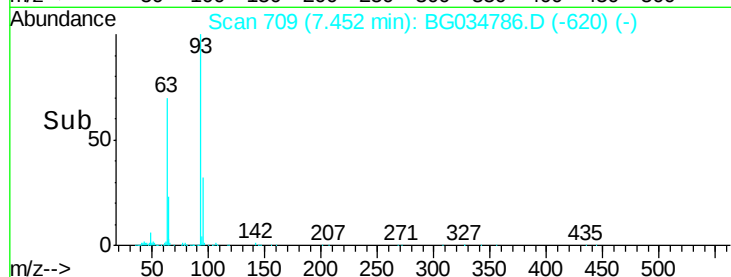
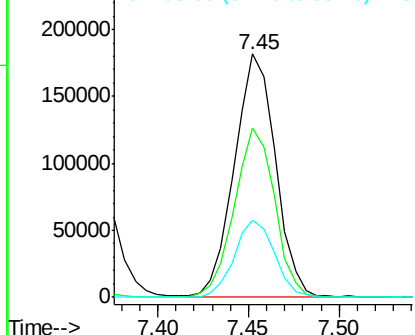


#11  
bis(2-Chloroethyl)ether  
Concen: 40.08 ng  
RT: 7.45 min Scan# 709  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 286660 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 69.6  | 67.1  | 107.1  |
| 95       | 31.5  | 11.5  | 51.5   |

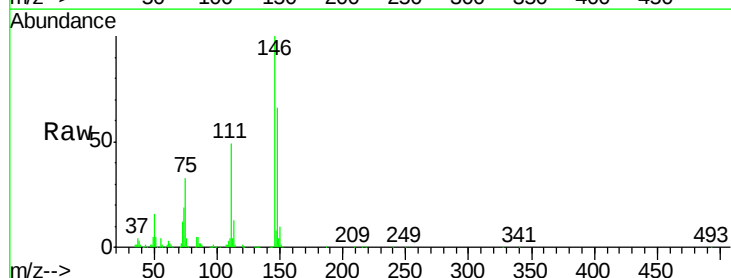


Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC

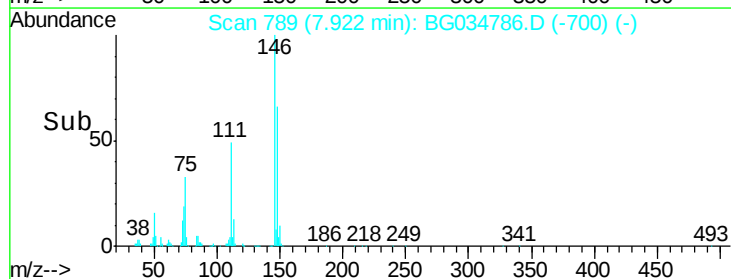
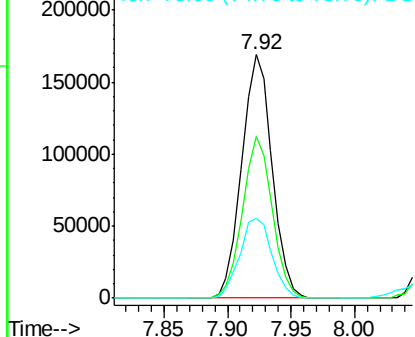


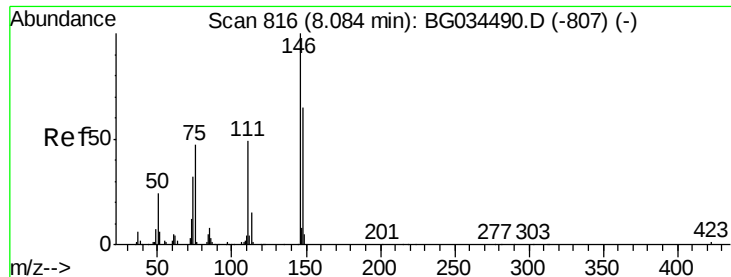
#12  
1,3-Dichlorobenzene  
Concen: 38.42 ng  
RT: 7.92 min Scan# 789  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 280579 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 66.5  | 51.4  | 77.2   |
| 75       | 33.0  | 26.6  | 39.8   |



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





#13

1,4-Dichlorobenzene

Concen: 38.97 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

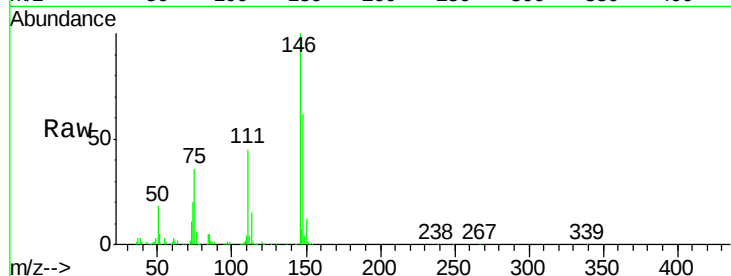
Tot Ion:146 Resp: 289796

Ion Ratio Lower Upper

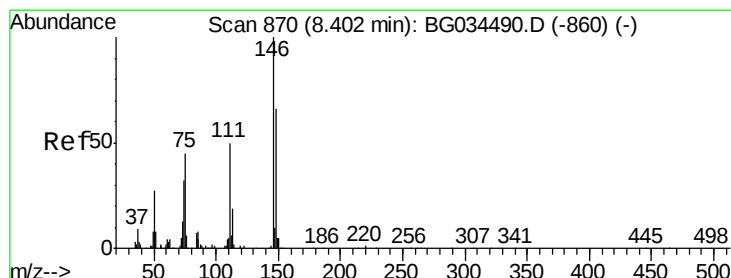
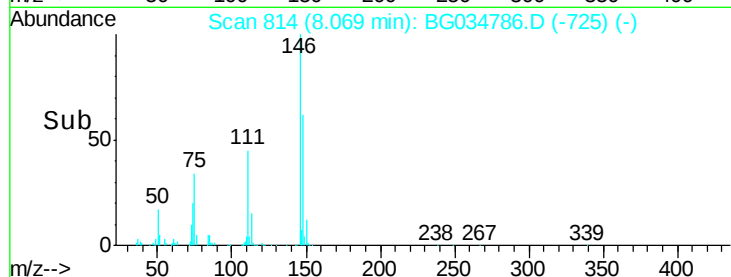
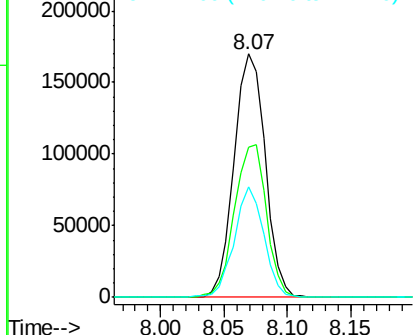
146 100

148 61.6 53.7 80.5

111 45.3 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 37.53 ng

RT: 8.39 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

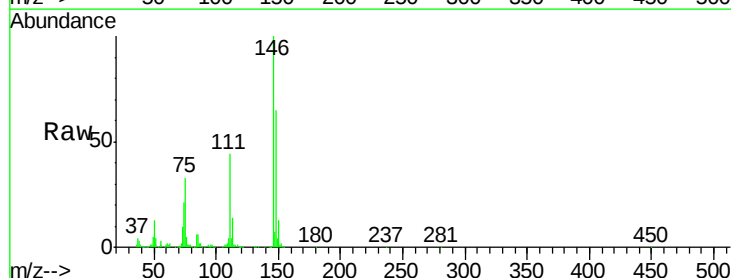
Tgt Ion:146 Resp: 273990

Ion Ratio Lower Upper

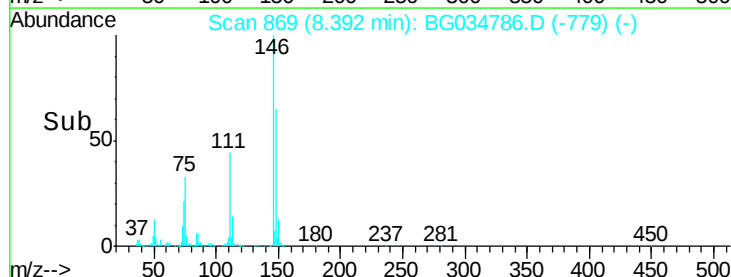
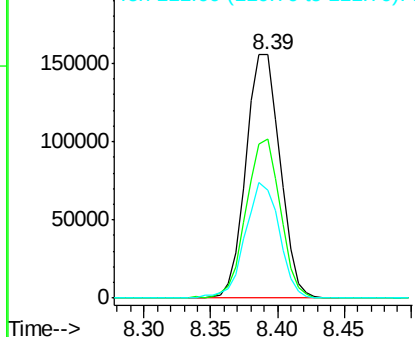
146 100

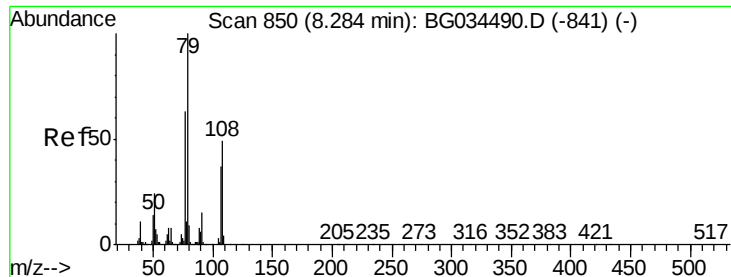
148 65.1 49.3 73.9

111 44.5 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 30.40 ng

RT: 8.27 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

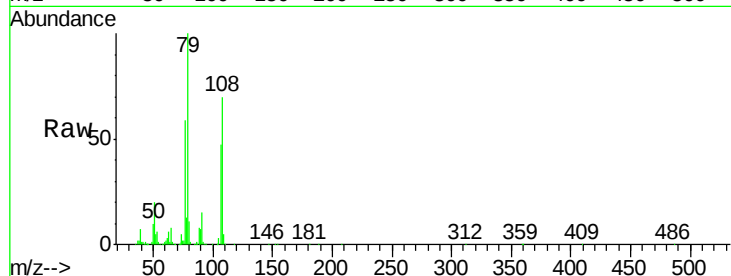
Tot Ion: 79 Resp: 295315

Ion Ratio Lower Upper

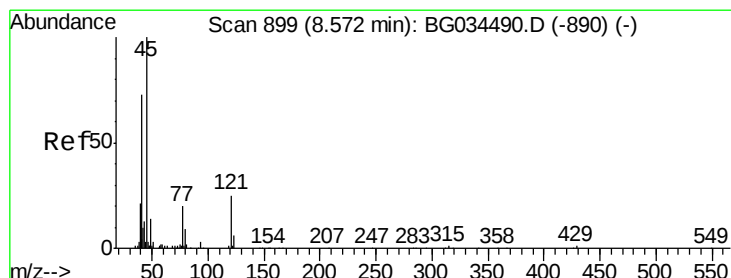
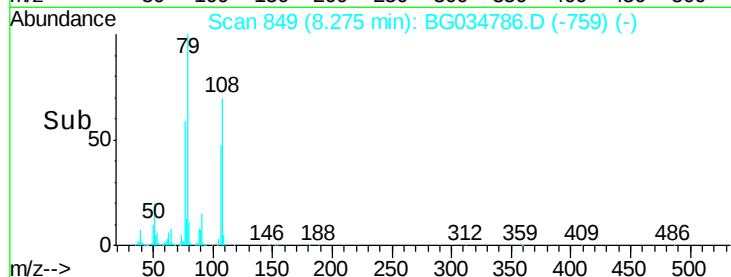
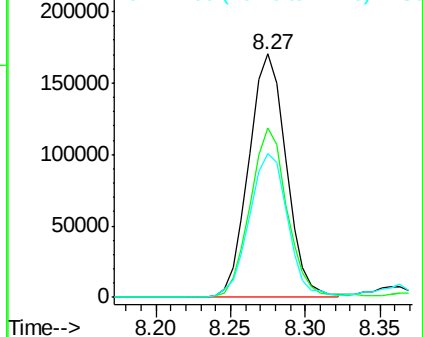
79 100

108 69.6 57.2 85.8

77 58.9 46.1 69.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.97 ng

RT: 8.57 min Scan# 899

Delta R.T. 0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

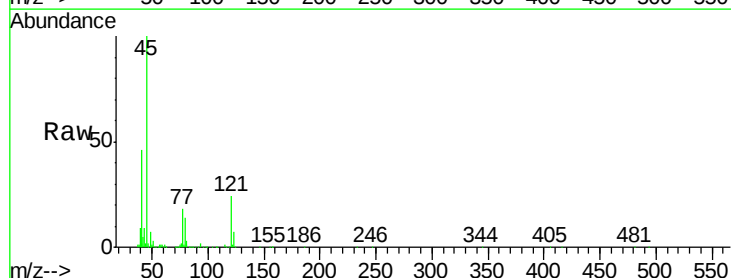
Tgt Ion: 45 Resp: 308262

Ion Ratio Lower Upper

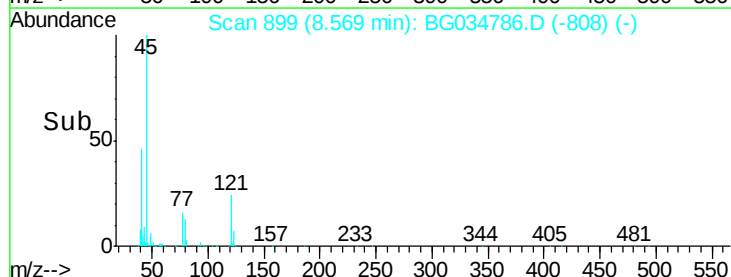
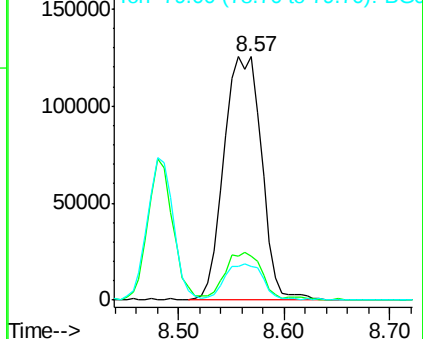
45 100

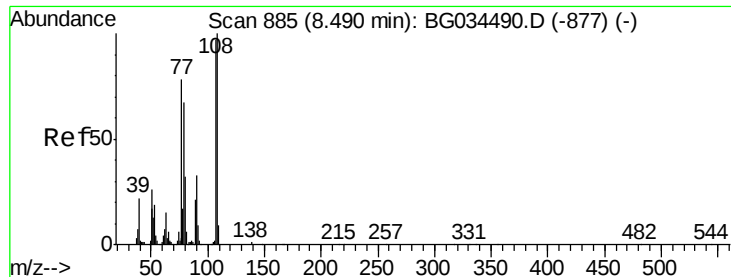
77 17.9 0.0 30.2

79 13.7 0.0 27.9



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





#17

2-Methylphenol

Concen: 35.65 ng

RT: 8.49 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

Tot Ion:107 Resp: 226741

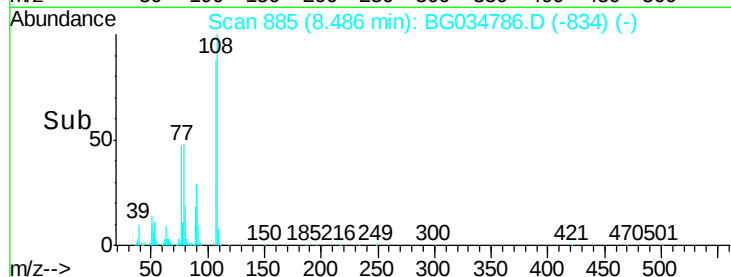
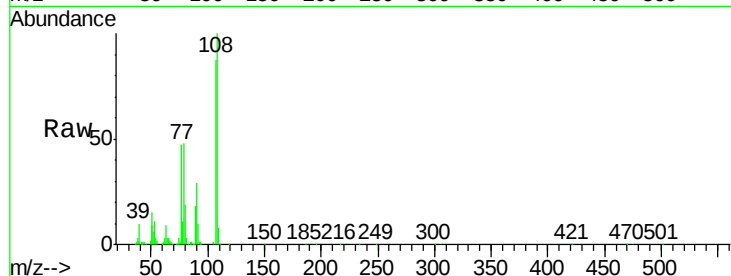
Ion Ratio Lower Upper

107 100

108 115.1 83.9 125.9

77 53.8 37.2 55.8

79 55.8 36.2 54.2#



Abundance Ion 107.00 (106.70 to 107.70): E

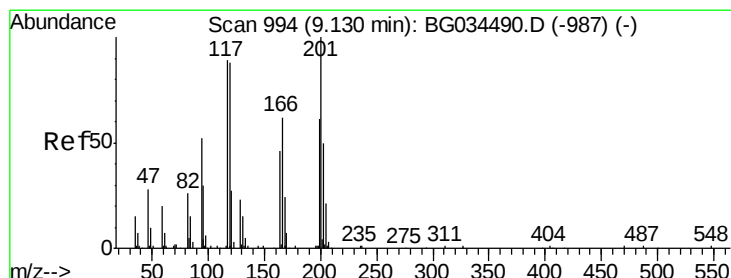
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

Time-->

8.40 8.50 8.60



#18

Hexachloroethane

Concen: 33.54 ng

RT: 9.12 min Scan# 993

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

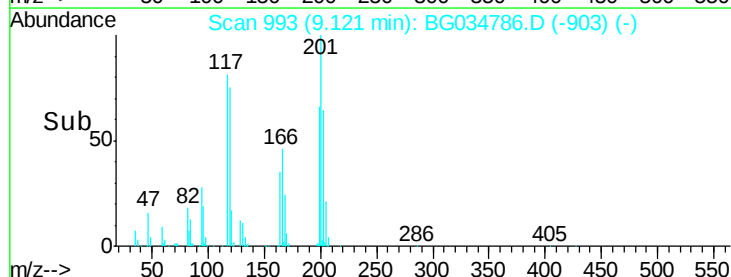
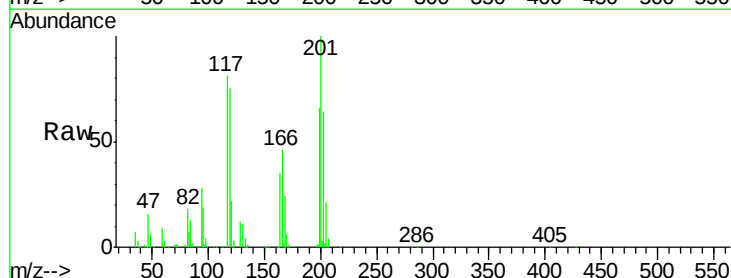
Tgt Ion:117 Resp: 104934

Ion Ratio Lower Upper

117 100

119 93.2 76.7 115.1

201 123.9 95.7 143.5



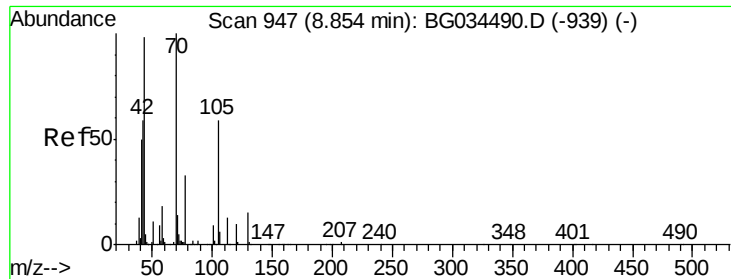
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

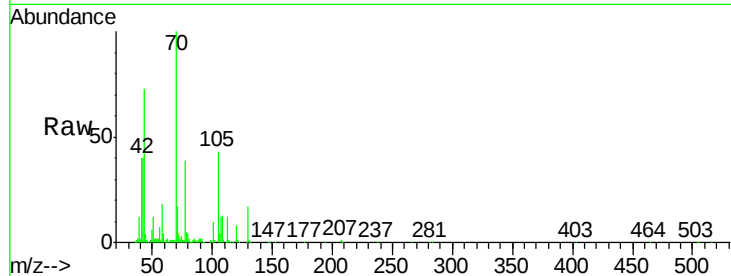
Time-->

9.05 9.10 9.15 9.20



#19  
n-Nitroso-di-n-propylamine  
Concen: 30.79 ng  
RT: 8.84 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 239396 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 39.8  | 49.1  | 73.7#  |
| 101      | 10.1  | 8.5   | 12.7   |
| 130      | 17.0  | 13.4  | 20.0   |



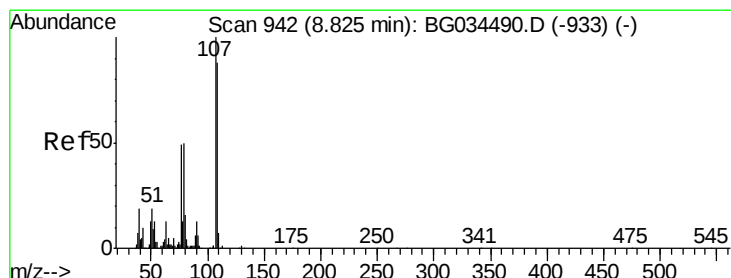
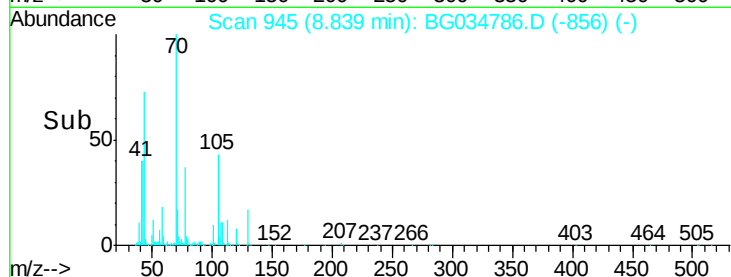
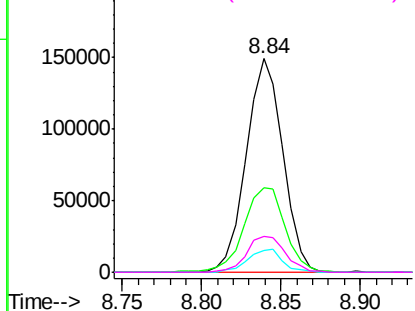
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

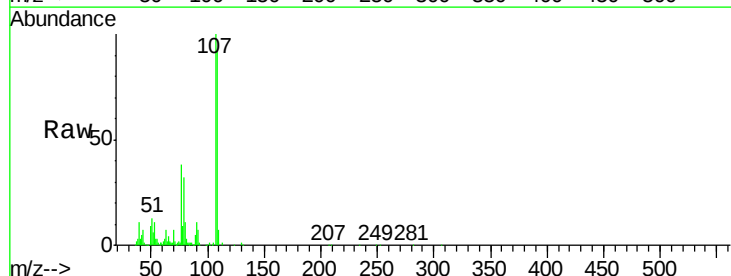
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 34.45 ng  
RT: 8.82 min Scan# 941  
Delta R.T. -0.00 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 305508 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.0  | 61.6  | 101.6  |
| 77       | 37.6  | 13.9  | 53.9   |
| 79       | 31.7  | 8.8   | 48.8   |



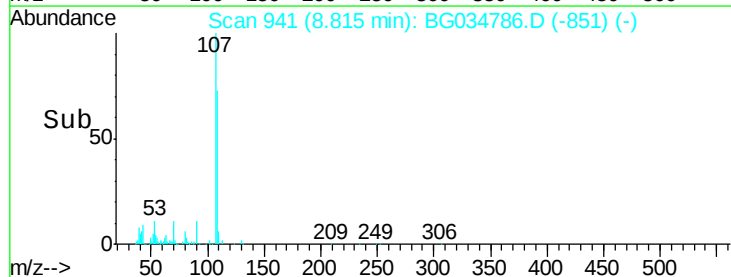
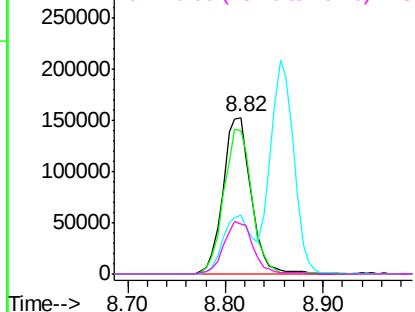
Abundance

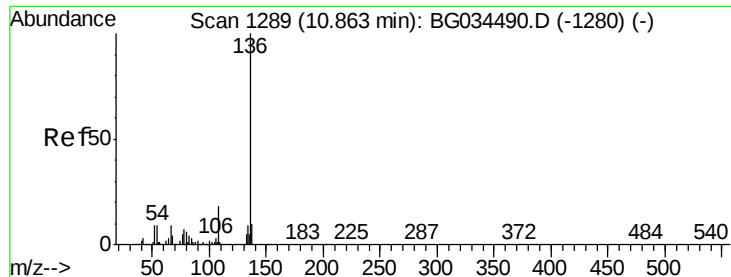
Ion 107.00 (106.70 to 107.70): BGC

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: 20.00 ng

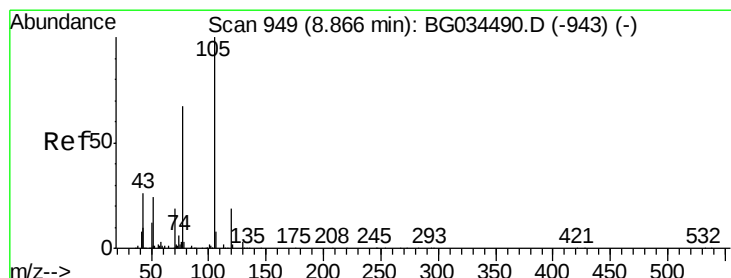
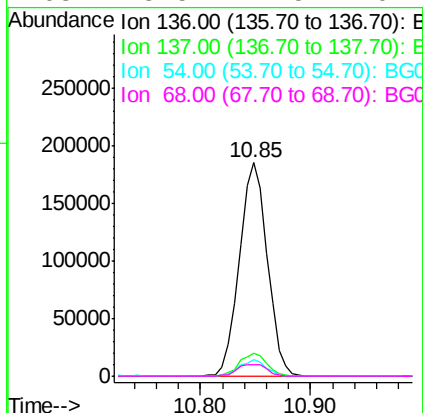
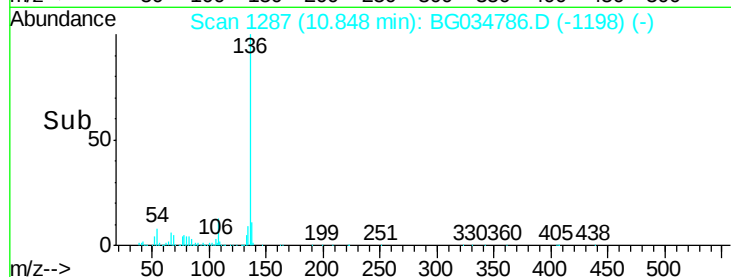
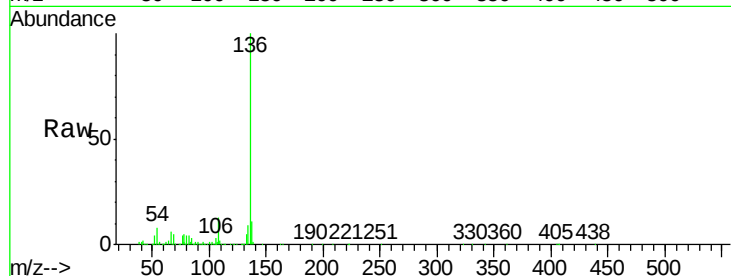
RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

|             |       |            |
|-------------|-------|------------|
| Tot Ion:136 | Resp: | 329855     |
| Ion Ratio   | Lower | Upper      |
| 136         | 100   |            |
| 137         | 10.8  | 9.2 13.8   |
| 54          | 8.1   | 10.3 15.5# |
| 68          | 5.5   | 4.5 6.7    |



#22

Acetophenone

Concen: 41.24 ng

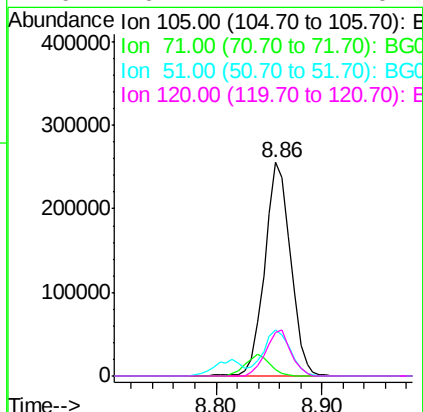
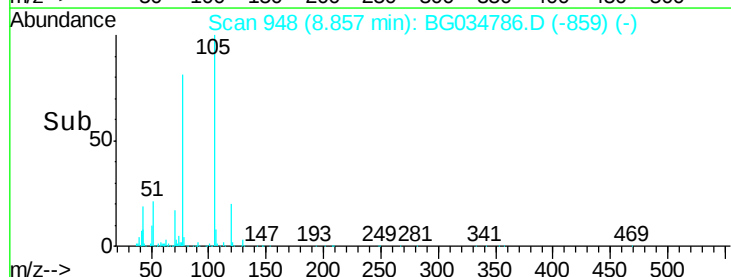
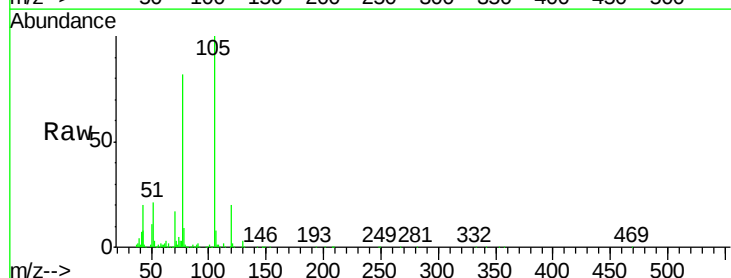
RT: 8.86 min Scan# 948

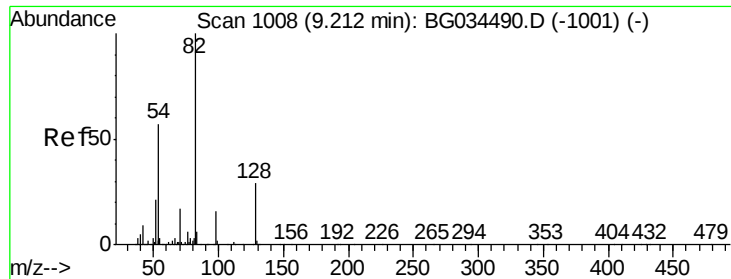
Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

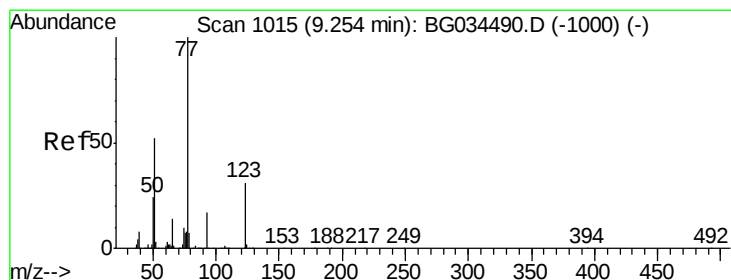
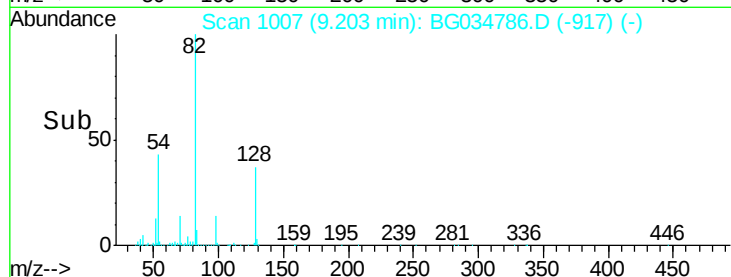
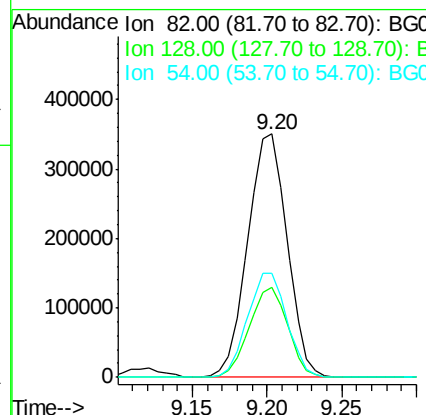
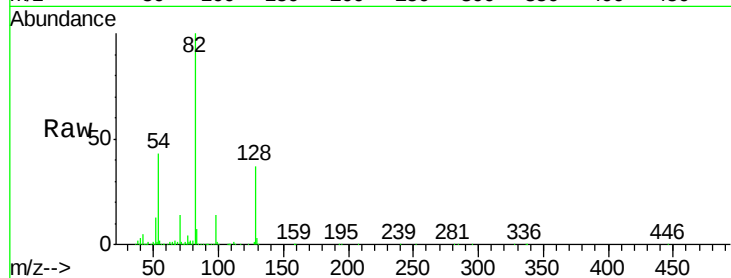
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 434566     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 2.8   | 3.0 4.4#   |
| 51          | 21.5  | 26.1 39.1# |
| 120         | 20.2  | 17.4 26.2  |





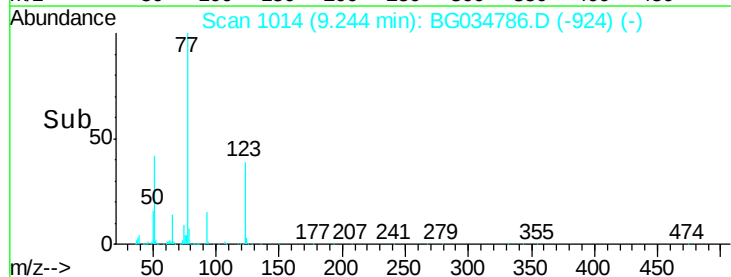
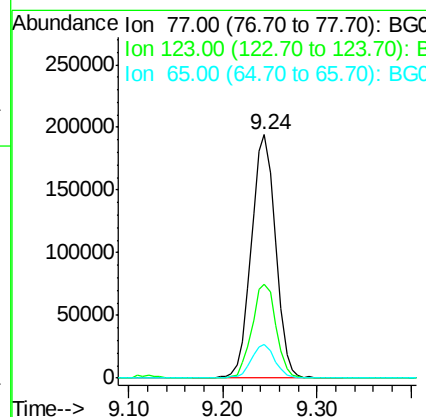
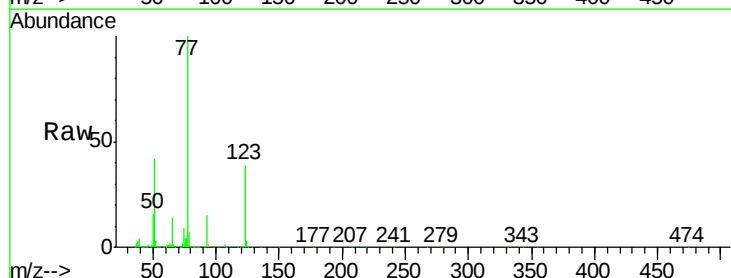
#23  
 Nitrobenzene-d5  
 Concen: 73.96 ng  
 RT: 9.20 min Scan# 1007  
 Delta R.T. -0.00 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

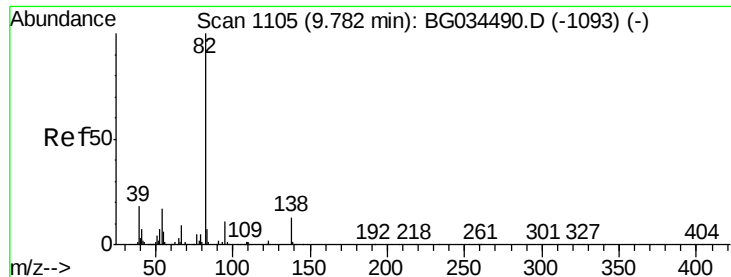
| Tot Ion | 82    | Resp  | 638637 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 37.1  | 29.7  | 44.5   |
| 54      | 42.8  | 43.1  | 64.7#  |



#24  
 Nitrobenzene  
 Concen: 38.70 ng  
 RT: 9.24 min Scan# 1014  
 Delta R.T. -0.00 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

| Tgt Ion | 77    | Resp  | 346820 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 77      | 100   |       |        |
| 123     | 38.6  | 33.0  | 49.6   |
| 65      | 13.7  | 13.0  | 19.6   |





#25

Isophorone

Concen: 38.64 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

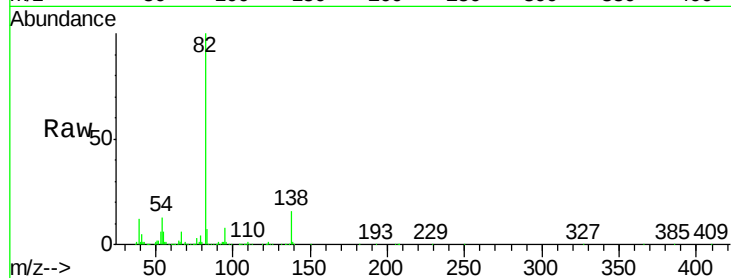
Tot Ion: 82 Resp: 646656

Ion Ratio Lower Upper

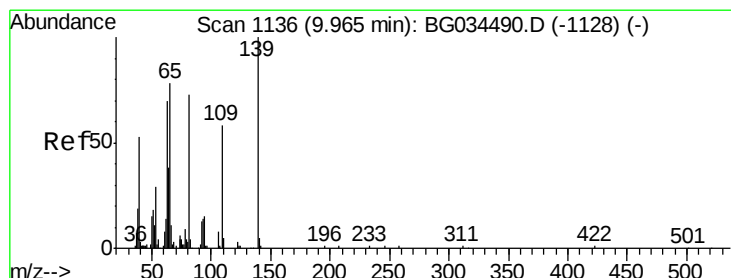
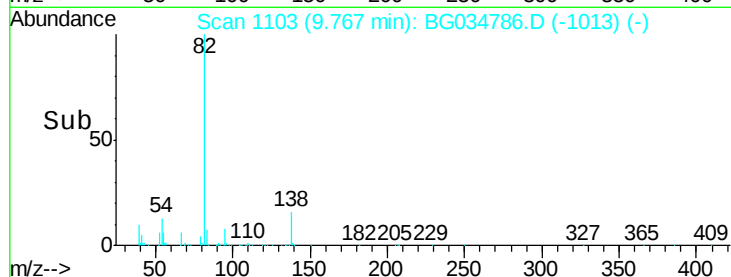
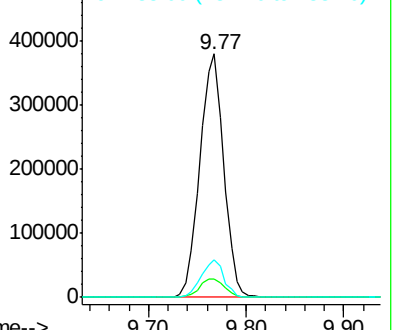
82 100

95 7.5 6.2 9.2

138 15.5 12.1 18.1



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



#26

2-Nitrophenol

Concen: 43.40 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

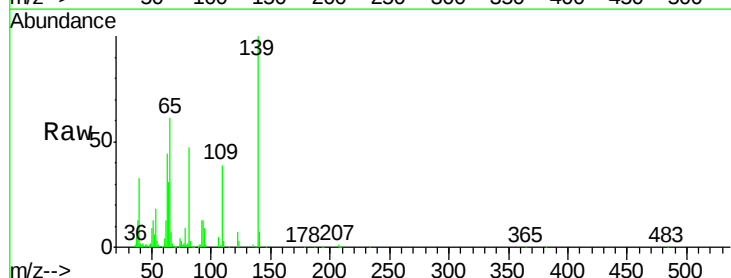
Tgt Ion: 139 Resp: 138910

Ion Ratio Lower Upper

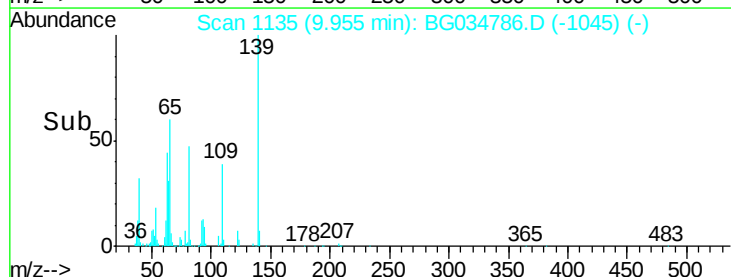
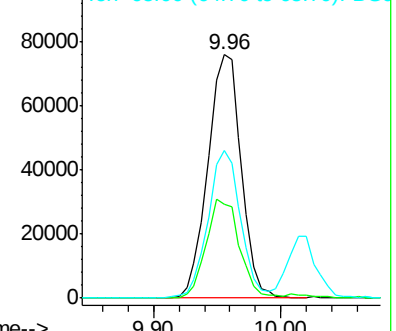
139 100

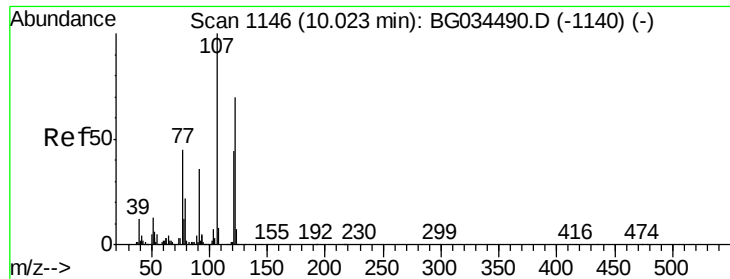
109 38.5 24.2 36.2#

65 60.8 47.4 71.0



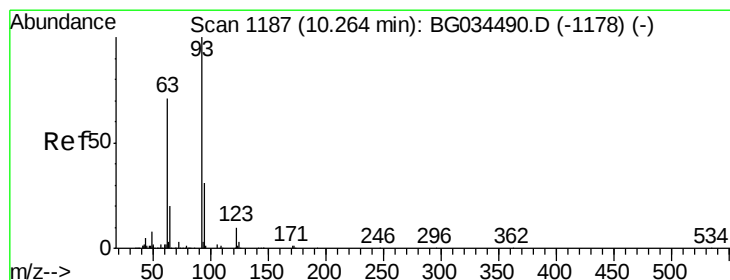
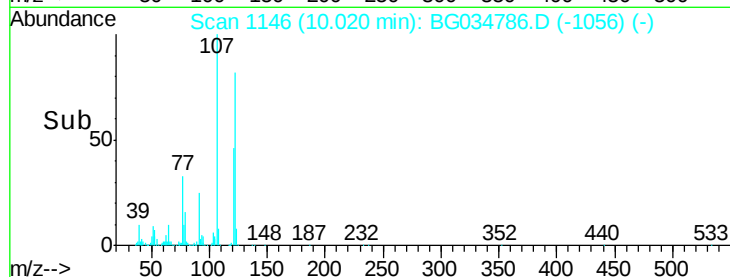
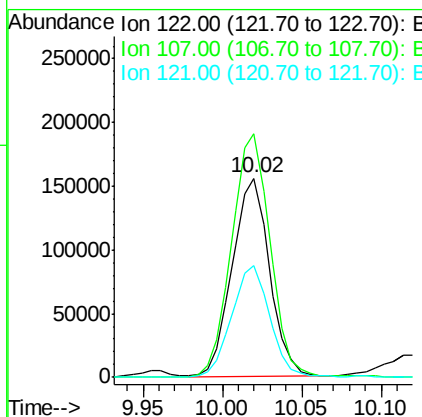
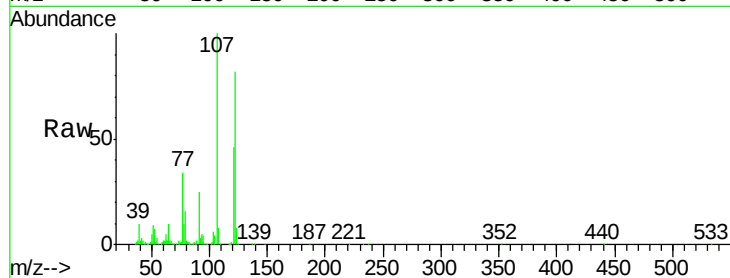
Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





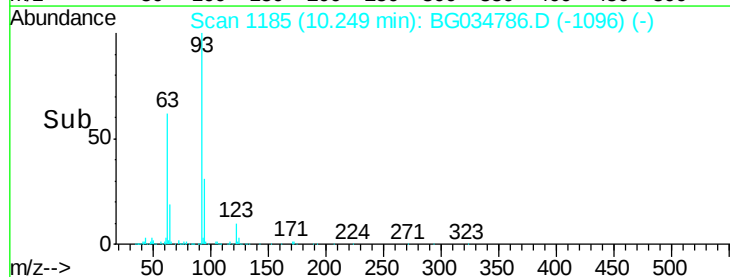
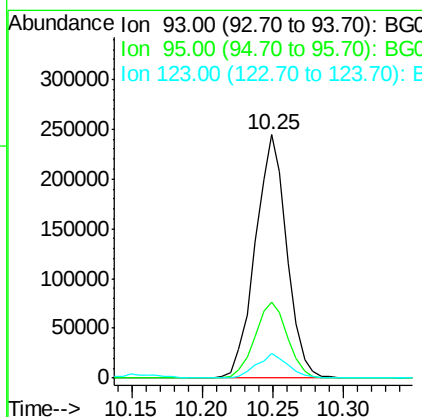
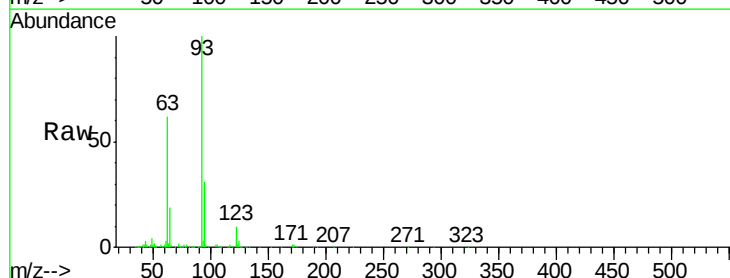
#27  
 2,4-Dimethylphenol  
 Concen: 45.41 ng  
 RT: 10.02 min Scan# 1146  
 Delta R.T. -0.00 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

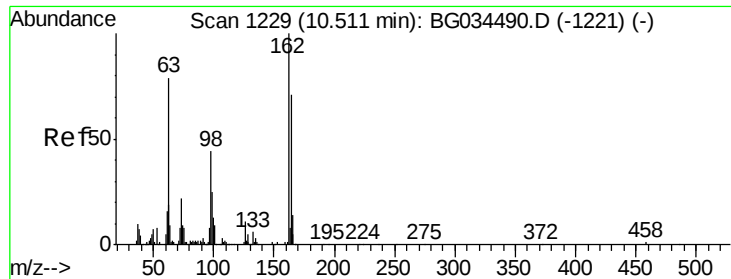
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 122.3 | 100.2 | 150.2 |
| 121     | 55.9  | 44.4  | 66.6  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.49 ng  
 RT: 10.25 min Scan# 1185  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

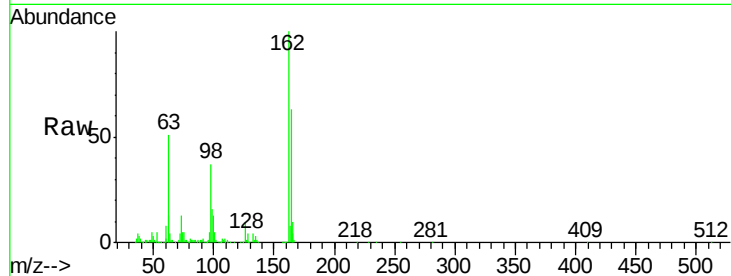
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.9  | 24.3  | 36.5  |
| 123     | 10.1  | 8.4   | 12.6  |



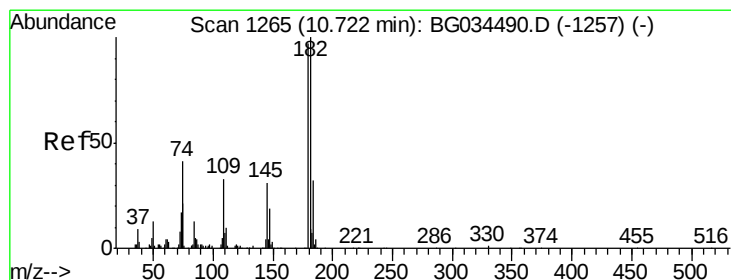
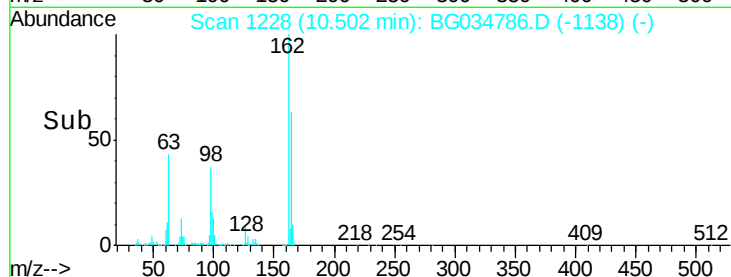
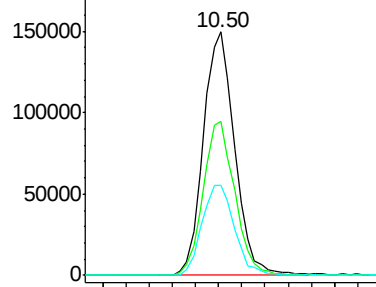


#29  
 2,4-Dichlorophenol  
 Concen: 48.26 ng  
 RT: 10.50 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 162   | Resp: | 281605 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 63.3  | 48.0  | 88.0   |
| 98       | 36.9  | 21.1  | 61.1   |

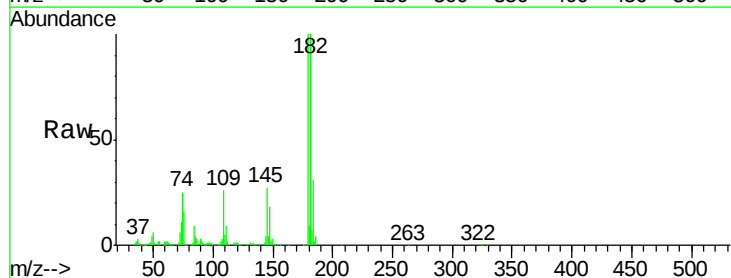


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

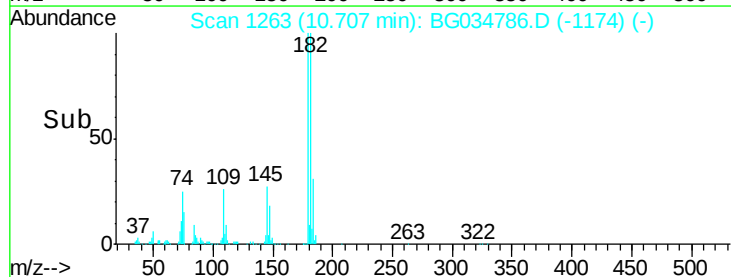
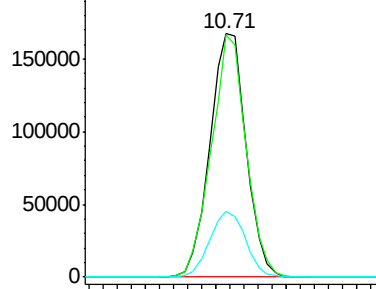


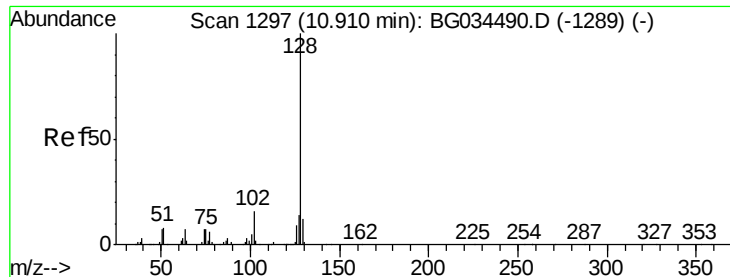
#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.04 ng  
 RT: 10.71 min Scan# 1263  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 298635 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 99.6  | 77.5  | 116.3  |
| 145      | 27.1  | 23.4  | 35.2   |



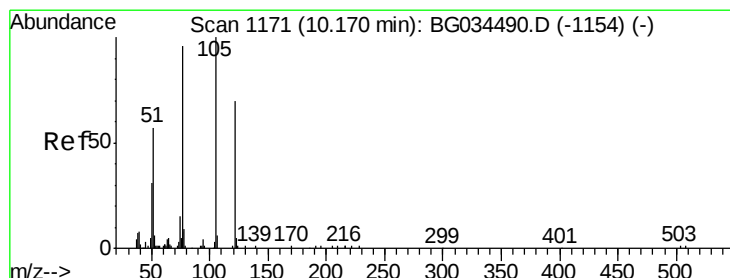
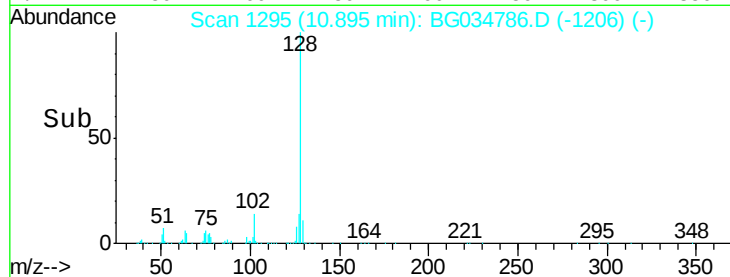
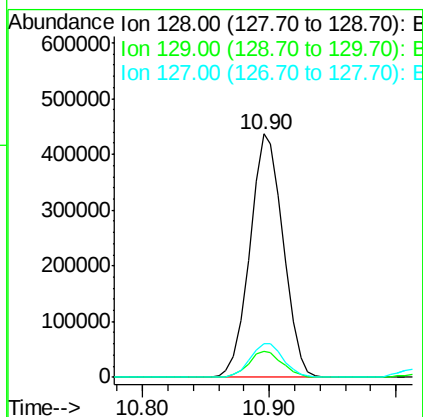
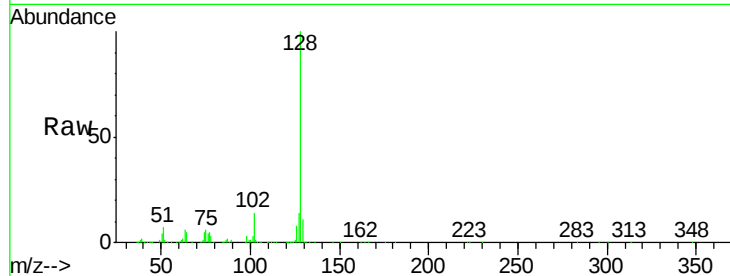
Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





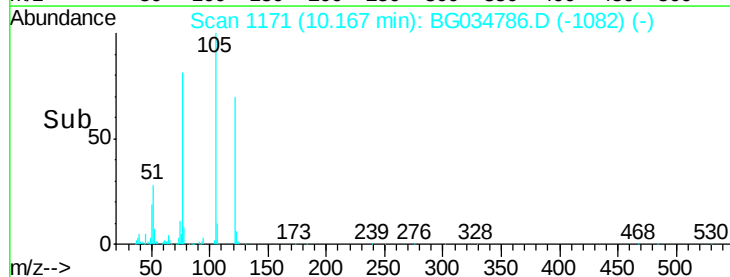
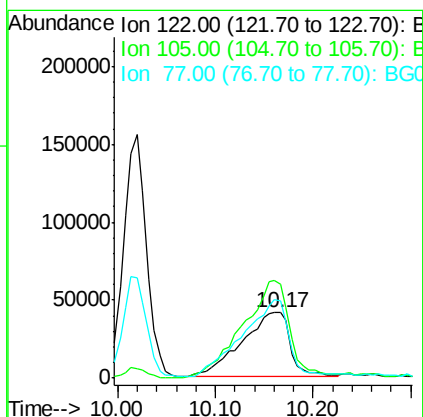
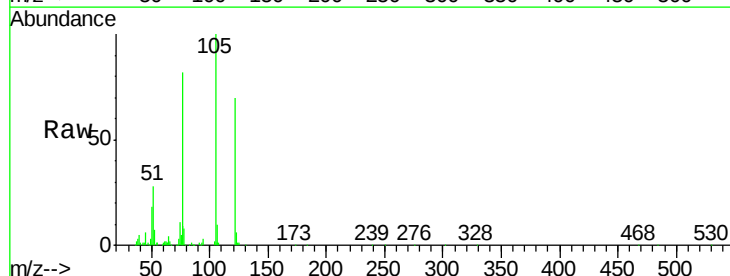
#31  
Naphthalene  
Concen: 46.34 ng  
RT: 10.90 min Scan# 1295  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

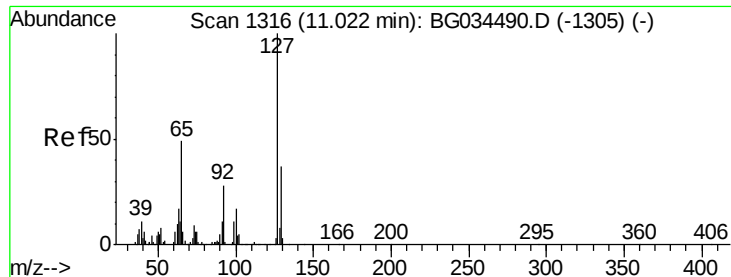
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.7  | 8.6   | 12.8  |
| 127     | 13.6  | 11.6  | 17.4  |



#32  
Benzoic acid  
Concen: 36.45 ng  
RT: 10.17 min Scan# 1171  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

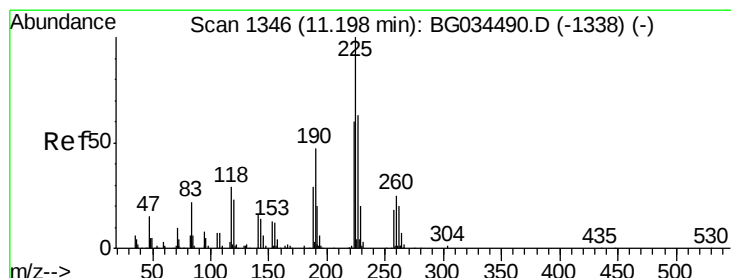
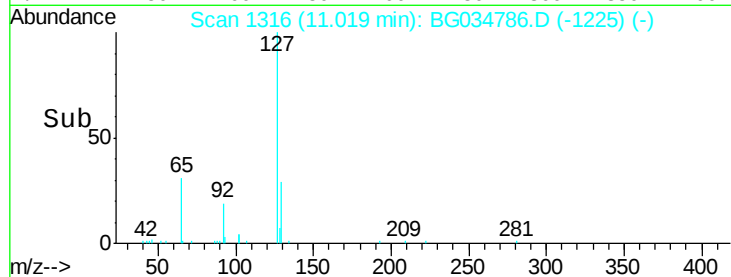
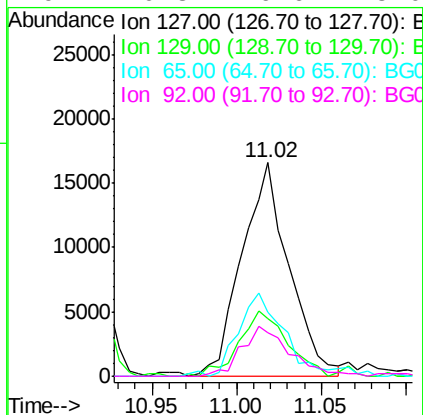
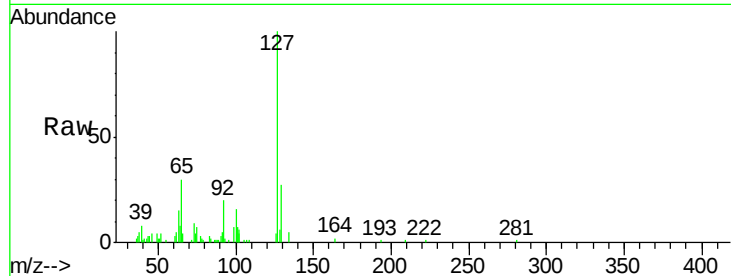
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 143.7 | 123.5 | 163.5 |
| 77      | 117.6 | 85.7  | 125.7 |





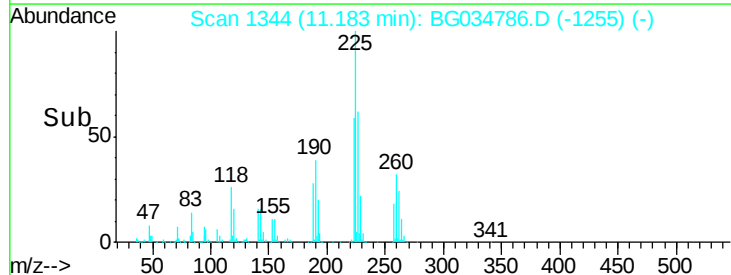
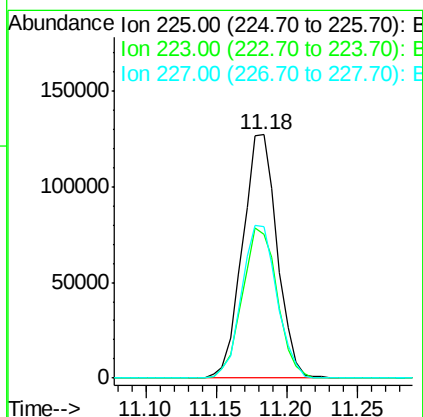
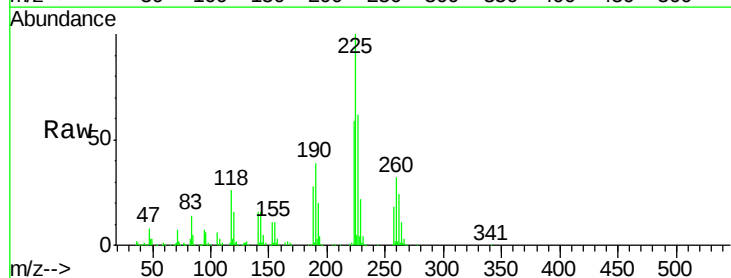
#33  
4-Chloroaniline  
Concen: 4.28 ng  
RT: 11.02 min Scan# 1316  
Delta R.T. 0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

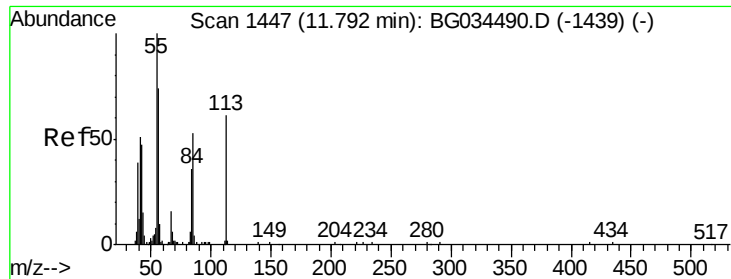
|             |       |       |  |
|-------------|-------|-------|--|
| Tot Ion:127 | Resp: | 32043 |  |
| Ion Ratio   | Lower | Upper |  |
| 127 100     |       |       |  |
| 129 26.8    | 24.0  | 36.0  |  |
| 65 29.7     | 27.0  | 40.4  |  |
| 92 20.3     | 16.6  | 25.0  |  |



#34  
Hexachlorobutadiene  
Concen: 39.54 ng  
RT: 11.18 min Scan# 1344  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

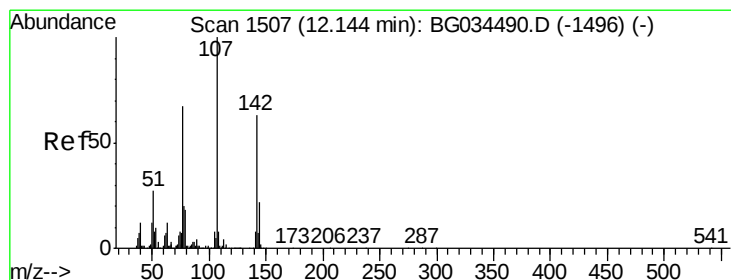
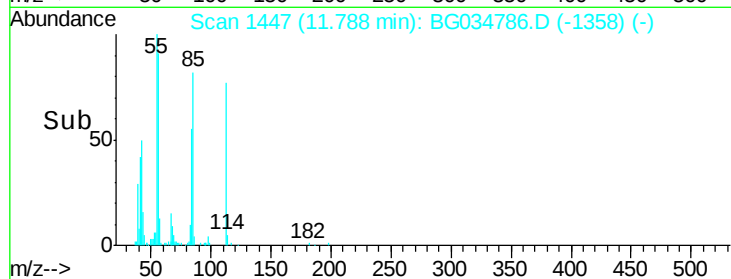
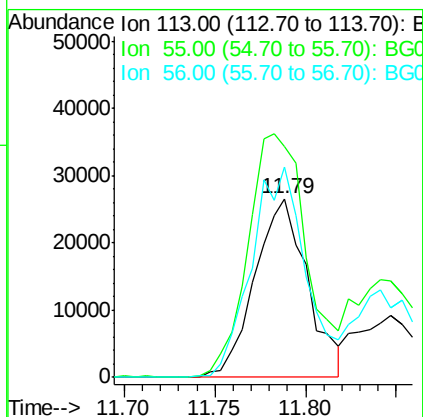
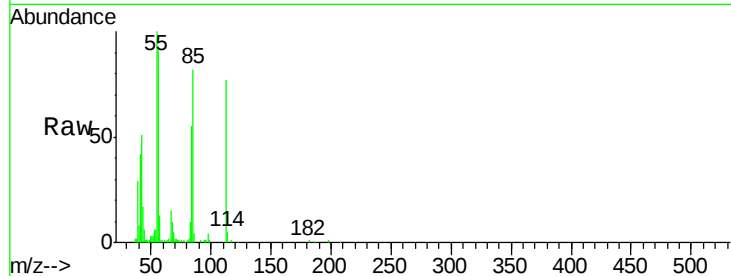
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 217976 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 59.1    | 49.7  | 74.5   |
| 227 | 62.4    | 48.1  | 72.1   |





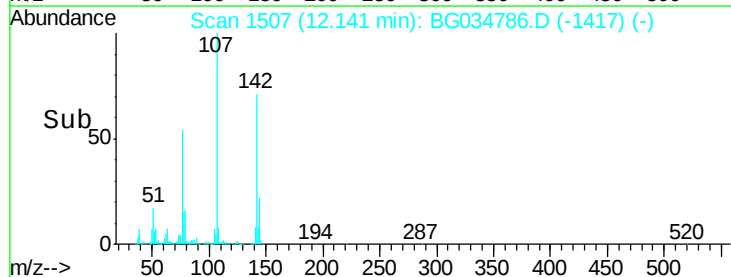
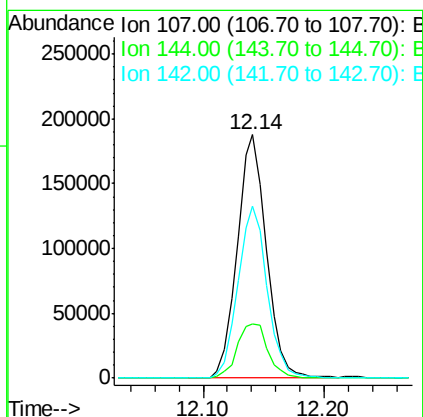
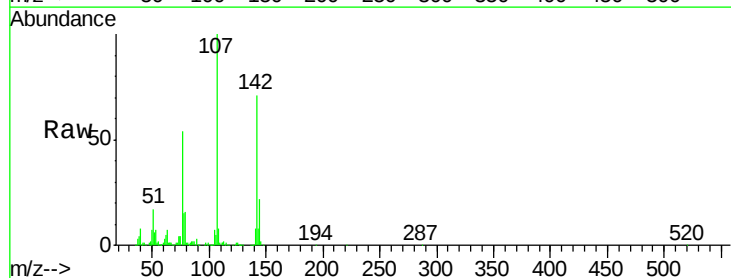
#35  
Caprolactam  
Concen: 24.19 ng  
RT: 11.79 min Scan# 1447  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

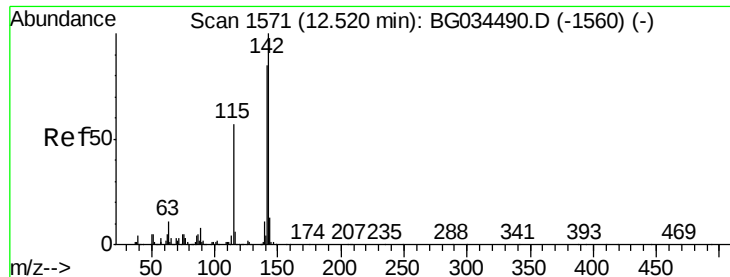
Tot Ion:113 Resp: 53659  
Ion Ratio Lower Upper  
113 100  
55 129.4 186.9 226.9#  
56 117.8 130.9 170.9#



#36  
4-Chloro-3-methylphenol  
Concen: 40.26 ng  
RT: 12.14 min Scan# 1507  
Delta R.T. -0.00 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

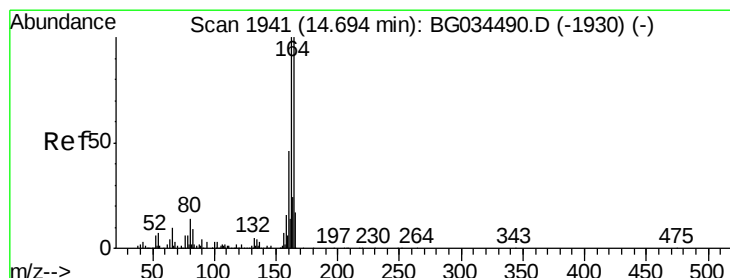
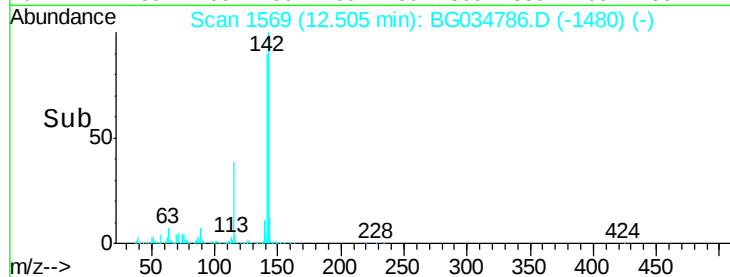
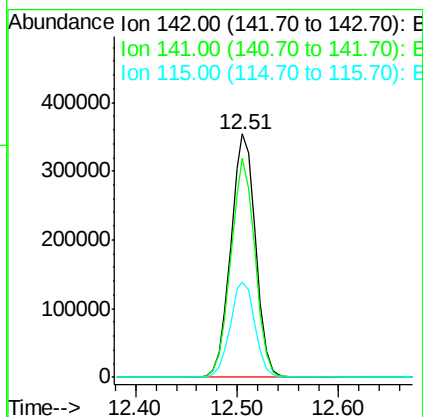
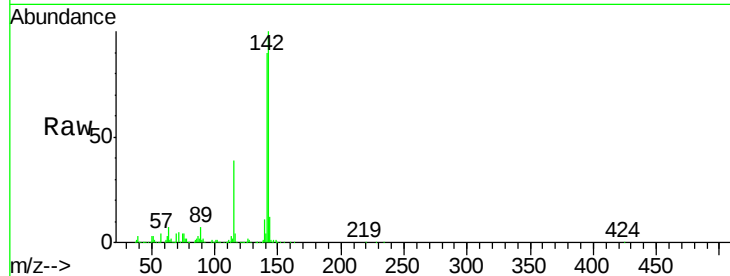
Tgt Ion:107 Resp: 316583  
Ion Ratio Lower Upper  
107 100  
144 22.4 18.2 27.4  
142 70.5 59.0 88.4





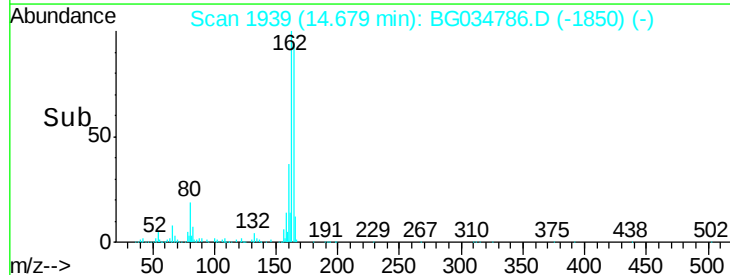
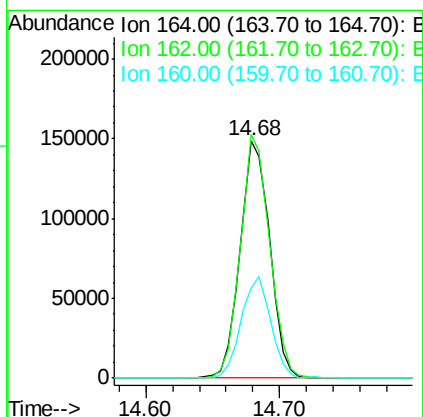
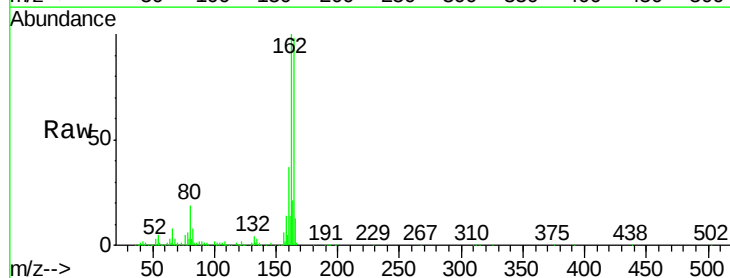
#37  
2-Methylnaphthalene  
Concen: 43.00 ng  
RT: 12.51 min Scan# 1569  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

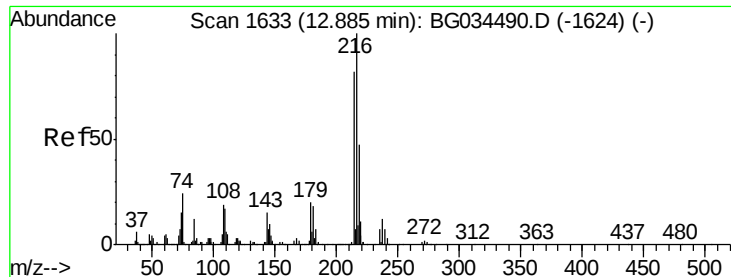
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.0  | 67.1  | 100.7 |
| 115     | 39.0  | 30.7  | 46.1  |



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.68 min Scan# 1939  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

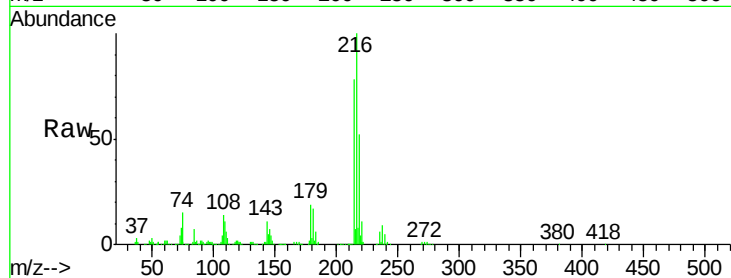
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.5 | 78.8  | 118.2 |
| 160     | 37.9  | 35.4  | 53.0  |



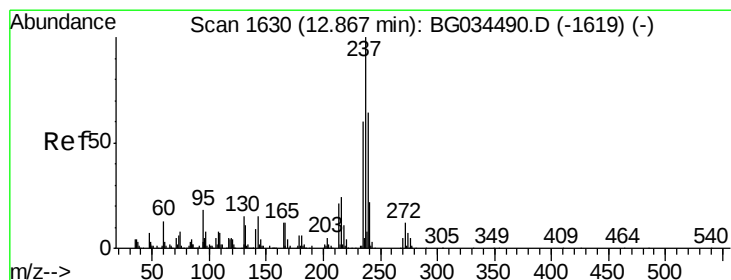
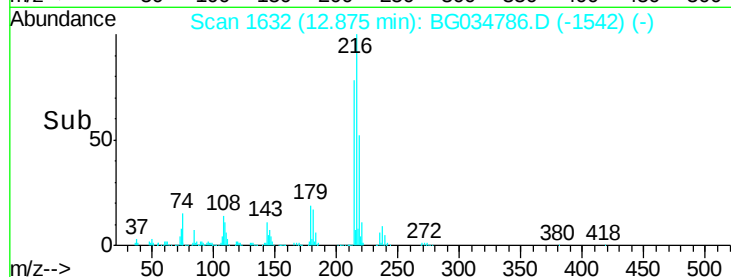
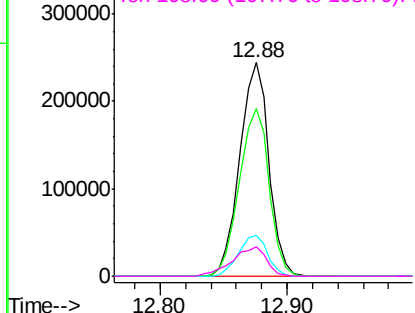


#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.51 ng  
 RT: 12.88 min Scan# 1632  
 Delta R.T. -0.00 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 387835    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 80.4  | 63.0 94.4 |
| 179         | 19.3  | 17.0 25.6 |
| 108         | 16.3  | 12.8 19.2 |

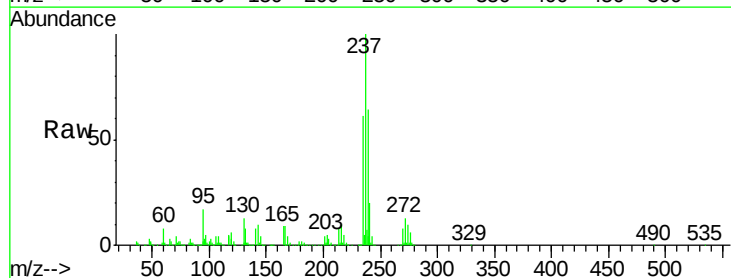


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

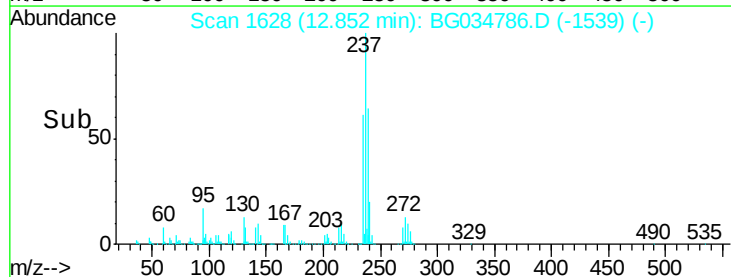
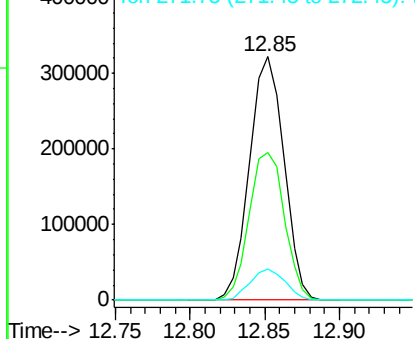


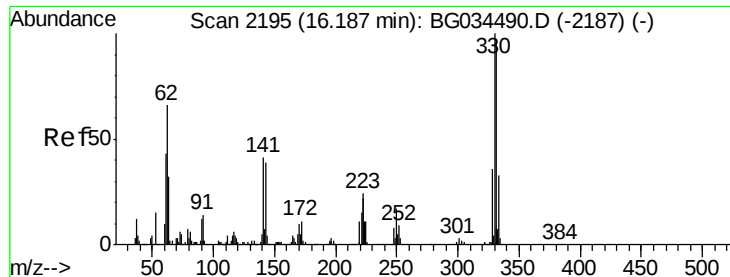
#40  
 Hexachlorocyclopentadiene  
 Concen: 76.89 ng  
 RT: 12.85 min Scan# 1628  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 513085    |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 60.8  | 50.4 90.4 |
| 272         | 12.7  | 0.0 31.8  |



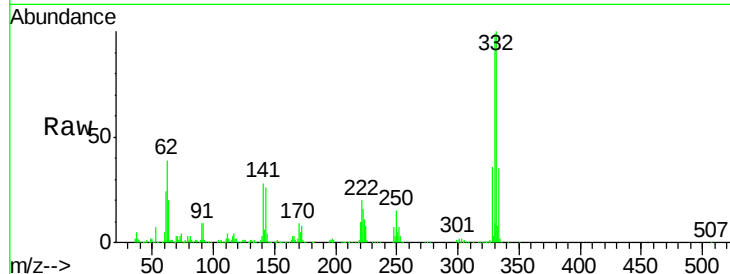
Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E



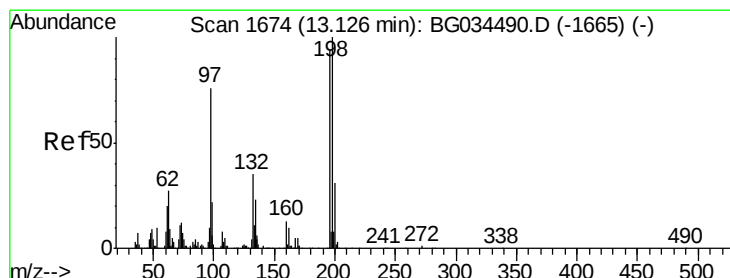
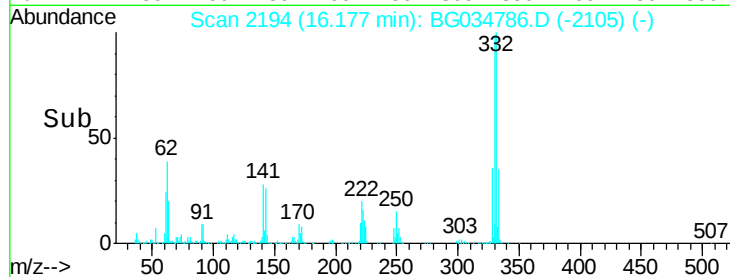
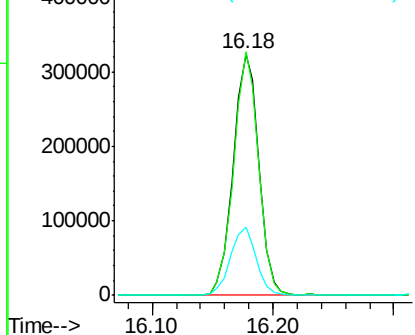


#41  
 2,4,6-Tribromophenol  
 Concen: 122.32 ng  
 RT: 16.18 min Scan# 2194  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.7  | 77.0  | 115.6 |
| 141     | 28.5  | 25.2  | 37.8  |

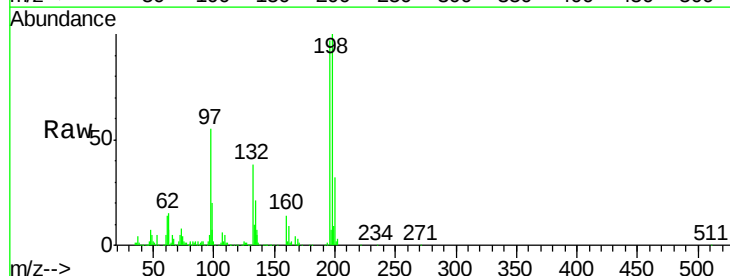


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

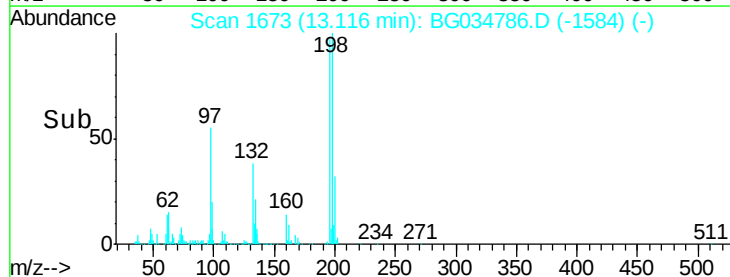
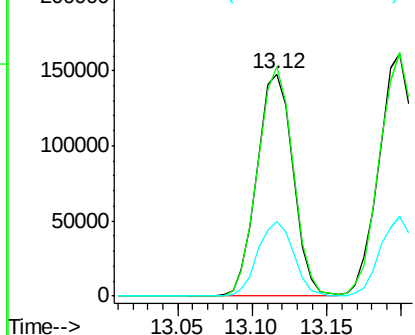


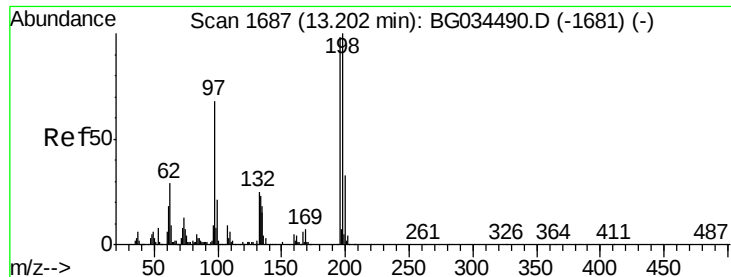
#42  
 2,4,6-Trichlorophenol  
 Concen: 46.71 ng  
 RT: 13.12 min Scan# 1673  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 103.2 | 78.2  | 117.2 |
| 200     | 33.5  | 24.6  | 36.8  |



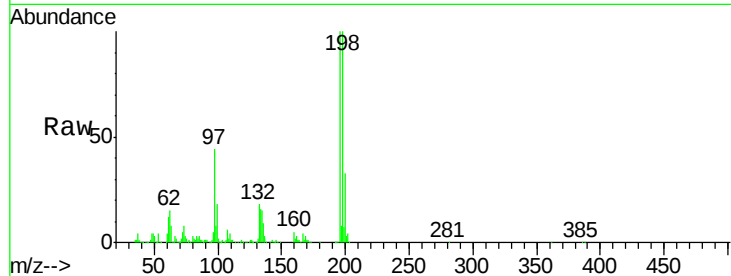
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E



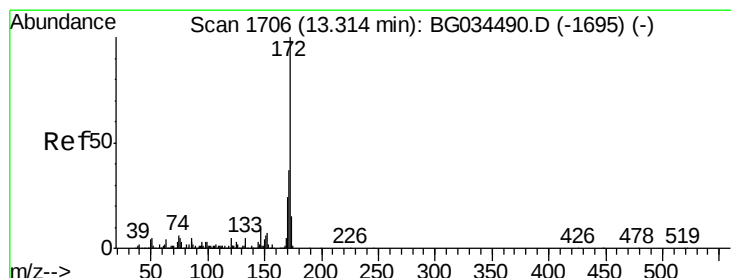
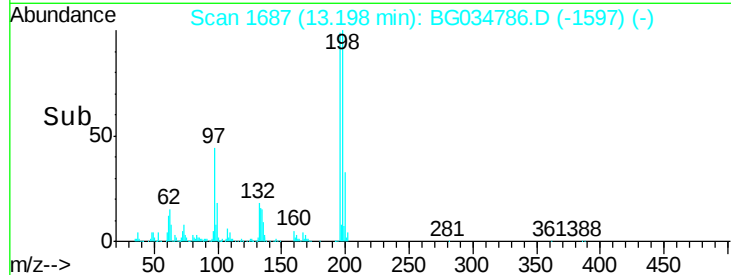
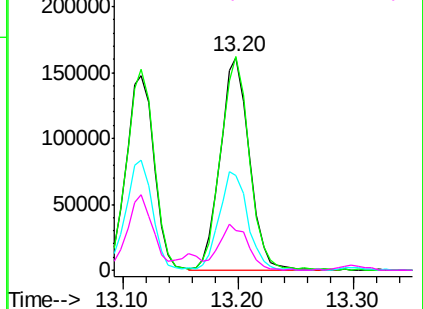


#43  
2,4,5-Trichlorophenol  
Concen: 48.21 ng  
RT: 13.20 min Scan# 1687  
Delta R.T. -0.00 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 280469 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 100.4 | 76.2  | 114.4  |
| 97       | 44.4  | 38.7  | 58.1   |
| 132      | 18.4  | 20.2  | 30.2   |

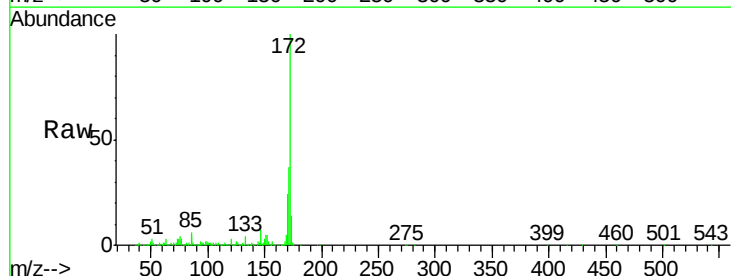


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BGC  
Ion 132.00 (131.70 to 132.70): E

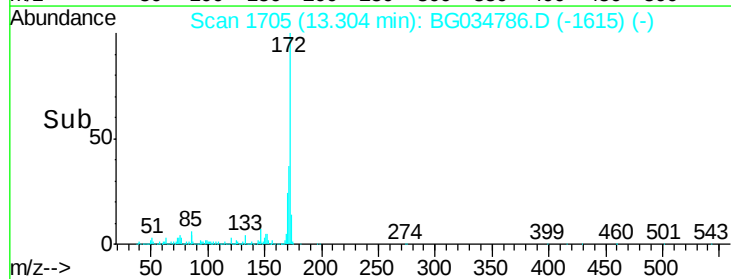
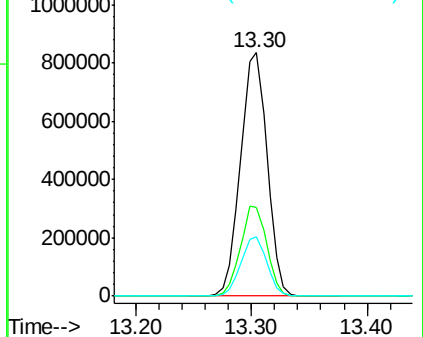


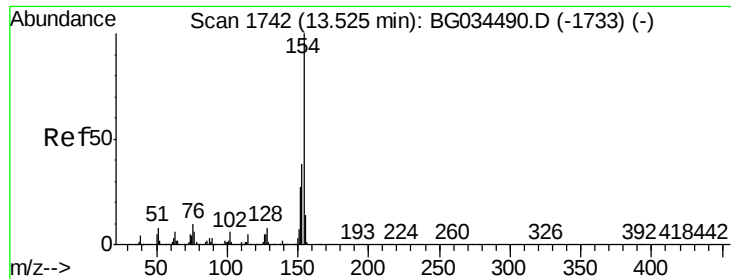
#44  
2-Fluorobiphenyl  
Concen: 80.18 ng  
RT: 13.30 min Scan# 1705  
Delta R.T. -0.00 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1339329 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 36.7  | 30.0  | 45.0    |
| 170      | 24.1  | 19.5  | 29.3    |



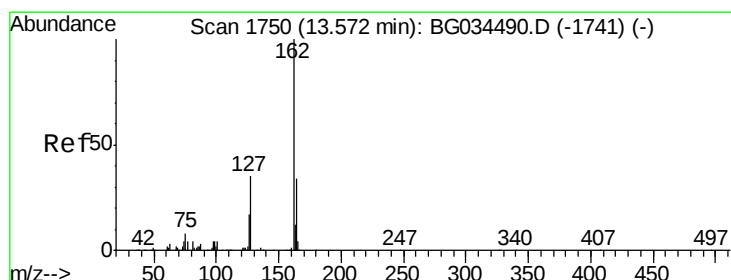
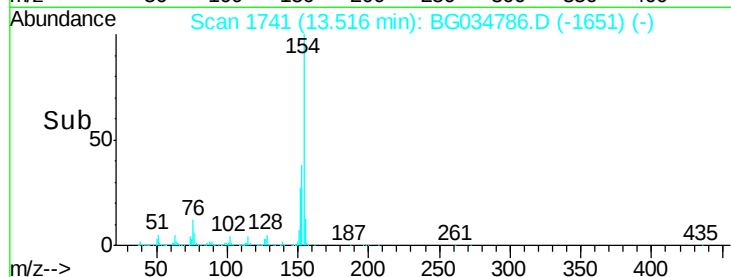
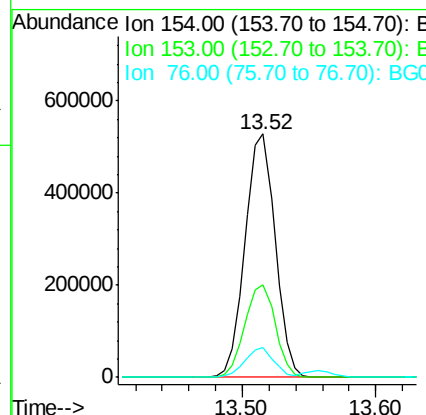
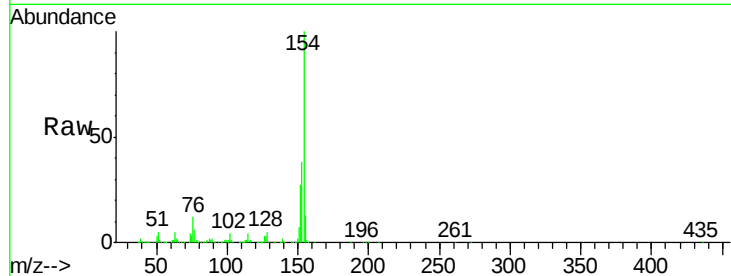
Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E





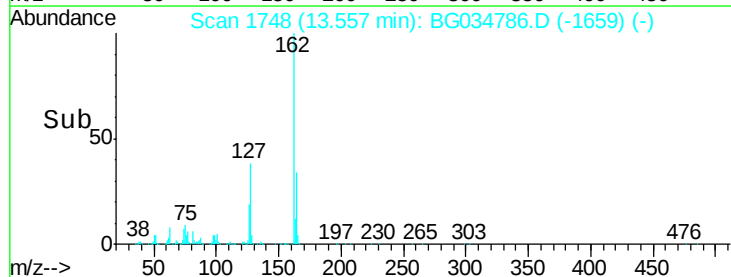
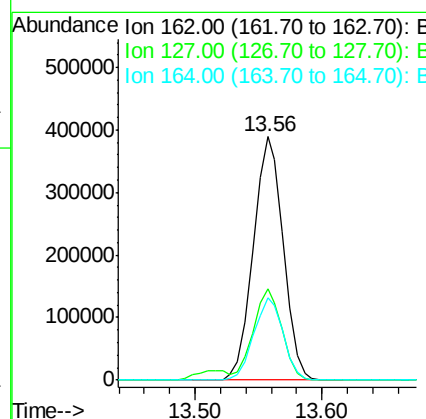
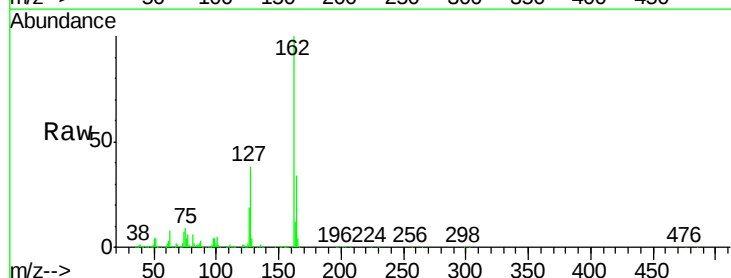
#45  
 1,1'-Biphenyl  
 Concen: 46.05 ng  
 RT: 13.52 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

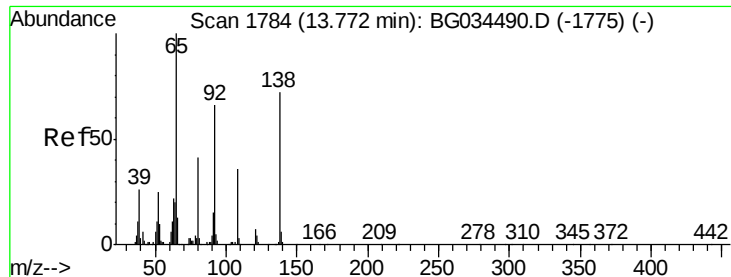
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 154   | Resp: | 822517 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 38.2  | 19.8  | 59.8   |
| 76       | 12.4  | 0.0   | 31.9   |



#46  
 2-Chloronaphthalene  
 Concen: 45.42 ng  
 RT: 13.56 min Scan# 1748  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 638460 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 37.6  | 30.7  | 46.1   |
| 164      | 33.9  | 26.0  | 39.0   |





#47

2-Nitroaniline

Concen: 38.00 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

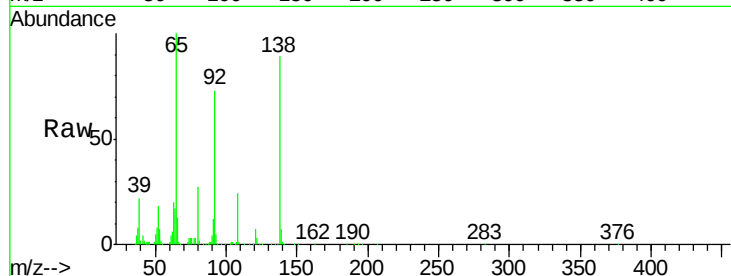
Tot Ion: 65 Resp: 218229

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 72.8  | 54.6  | 82.0  |
| 138 | 89.2  | 72.9  | 109.3 |

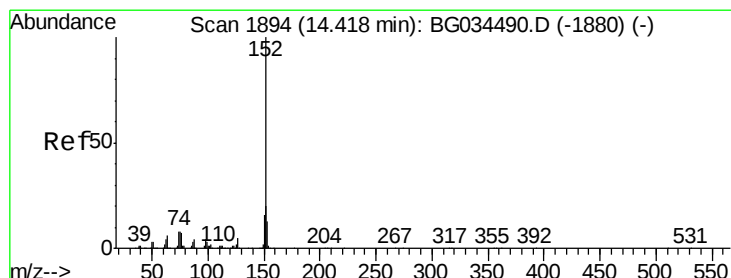
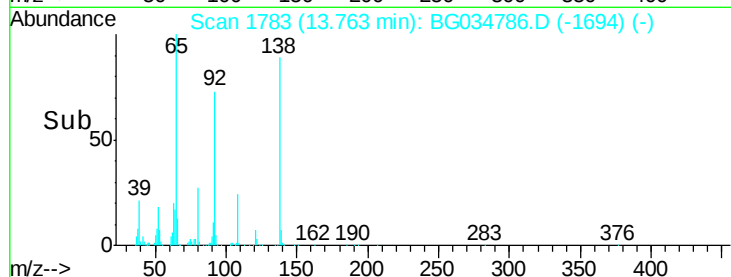
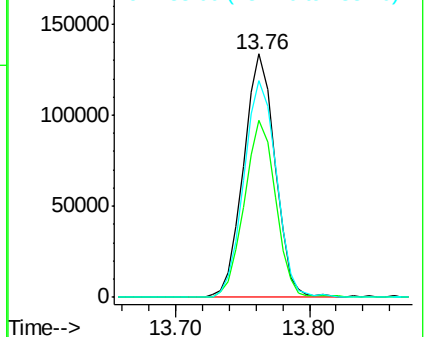
65 100

92 72.8 54.6 82.0

138 89.2 72.9 109.3



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



#48

Acenaphthylene

Concen: 45.21 ng

RT: 14.40 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

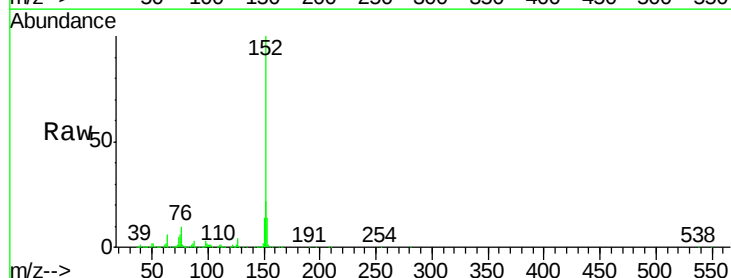
Tgt Ion: 152 Resp: 972600

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.9  | 17.2  | 25.8  |
| 153 | 13.9  | 10.2  | 15.4  |

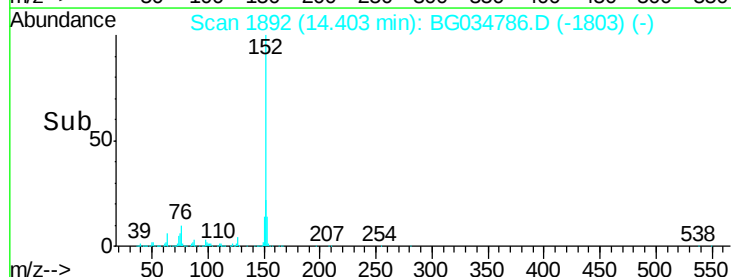
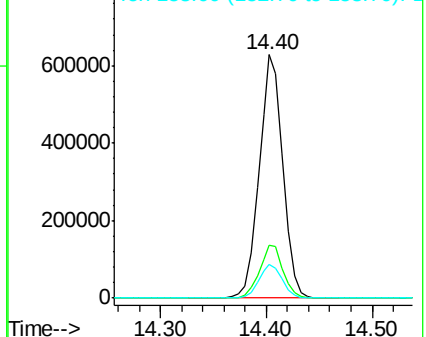
152 100

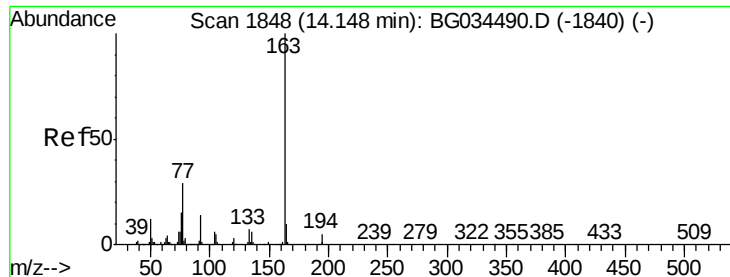
151 21.9 17.2 25.8

153 13.9 10.2 15.4



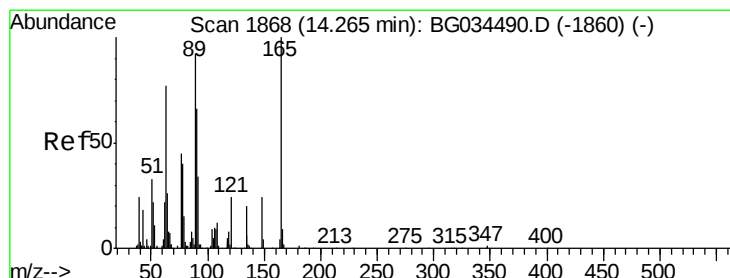
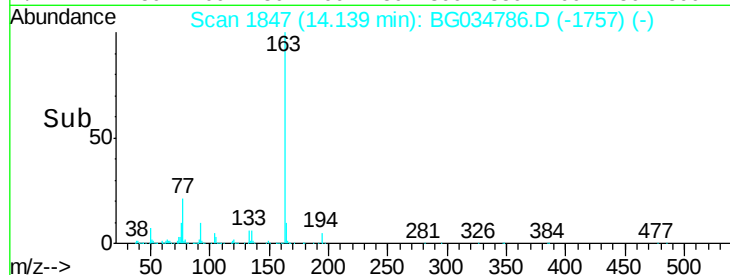
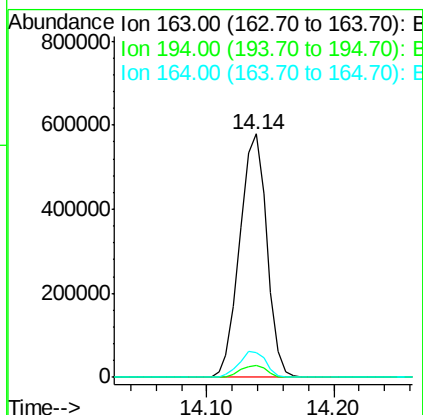
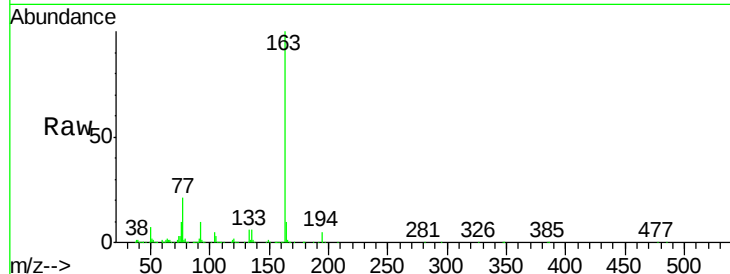
Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC





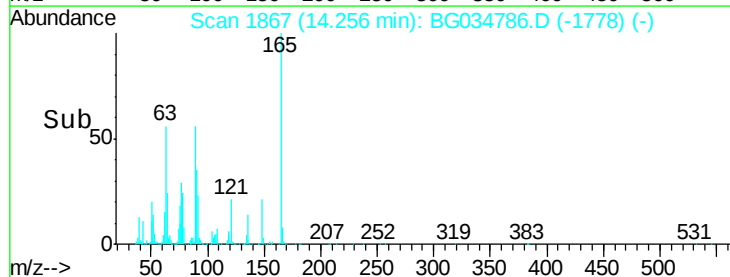
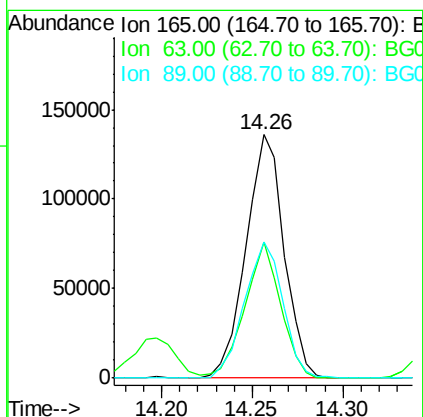
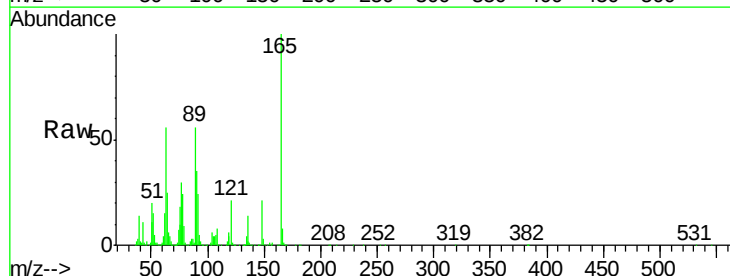
#49  
Dimethylphthalate  
Concen: 43.80 ng  
RT: 14.14 min Scan# 1847  
Delta R.T. -0.00 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

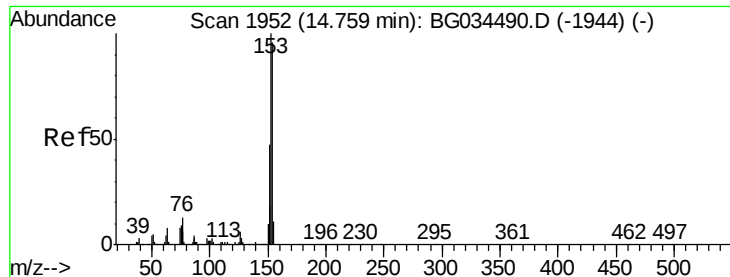
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.9   | 3.4   | 5.2   |
| 164     | 10.0  | 8.2   | 12.4  |



#50  
2,6-Dinitrotoluene  
Concen: 49.33 ng  
RT: 14.26 min Scan# 1867  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 56.0  | 52.7  | 79.1  |
| 89      | 55.9  | 49.2  | 73.8  |





#51

Acenaphthene

Concen: 44.89 ng

RT: 14.75 min Scan# 1951

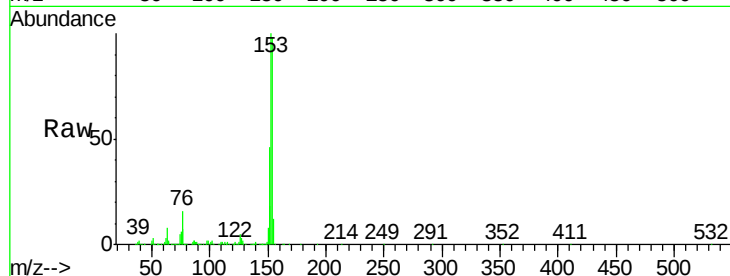
Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

Tot Ion:154 Resp: 626156

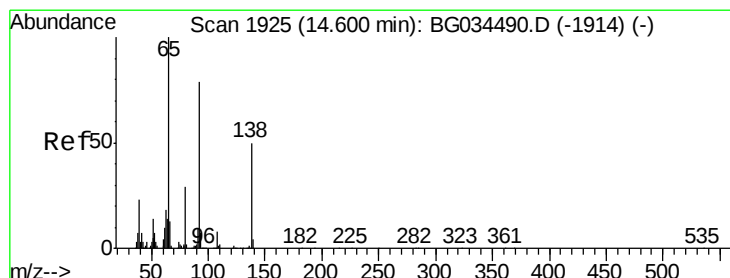
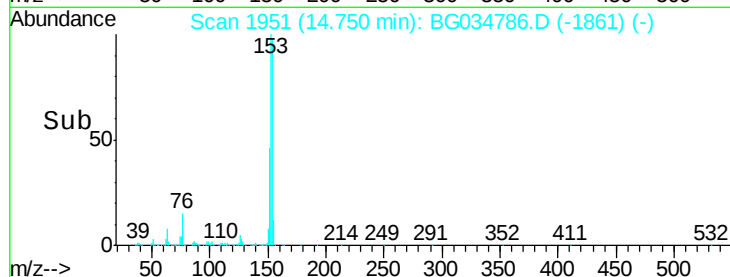
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 102.5 | 90.4  | 135.6 |
| 152 | 47.6  | 41.6  | 62.4  |



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.46 ng

RT: 14.59 min Scan# 1924

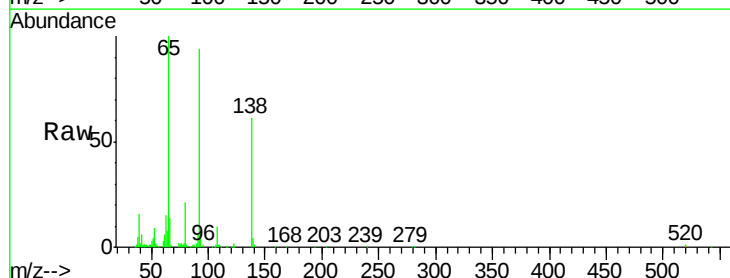
Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

Tgt Ion:138 Resp: 68493

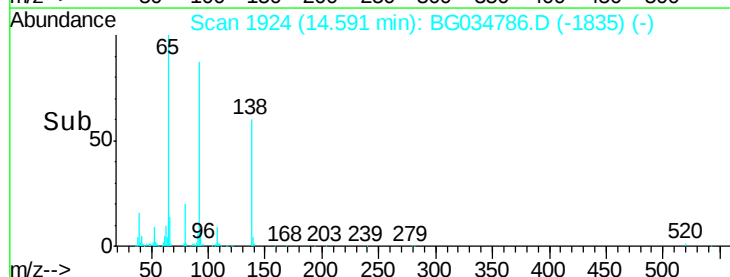
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 16.0  | 17.5  | 26.3# |
| 92  | 155.5 | 105.8 | 158.8 |

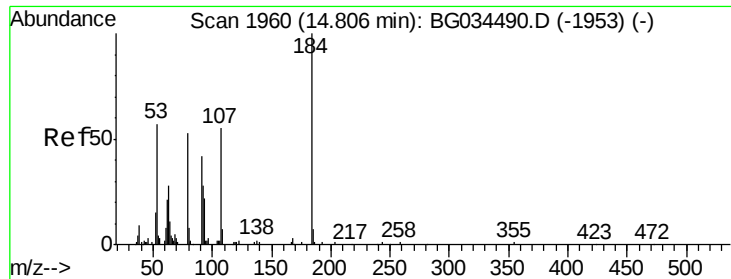


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

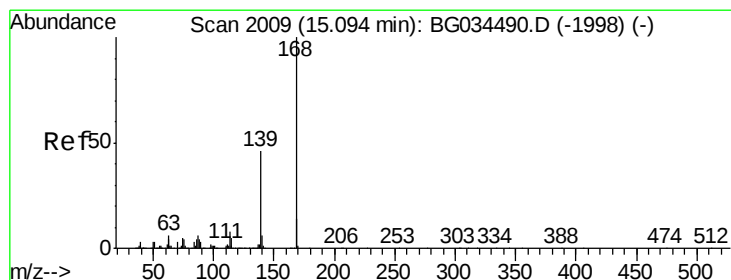
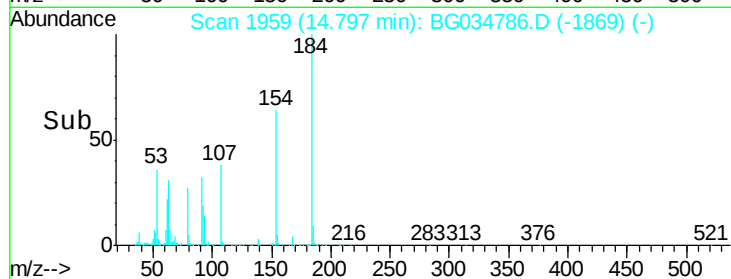
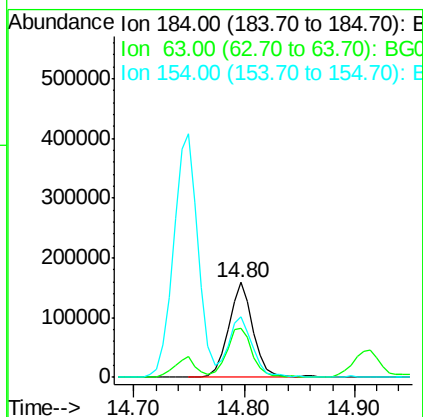
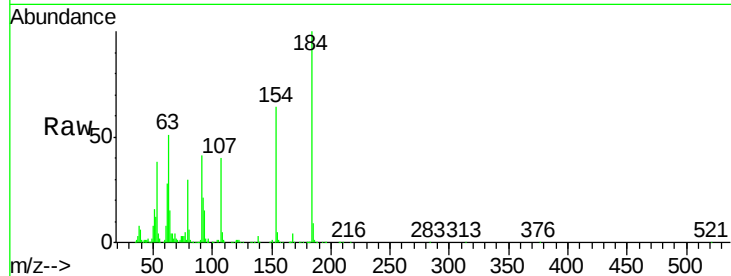
Ion 92.00 (91.70 to 92.70): BG





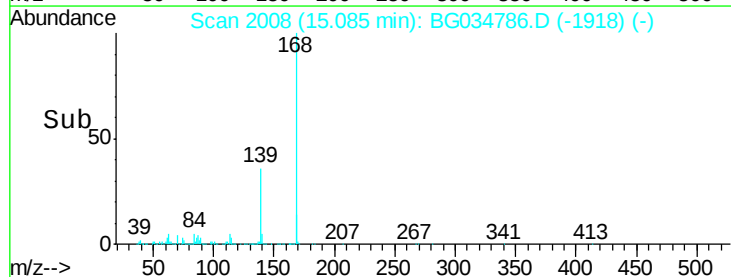
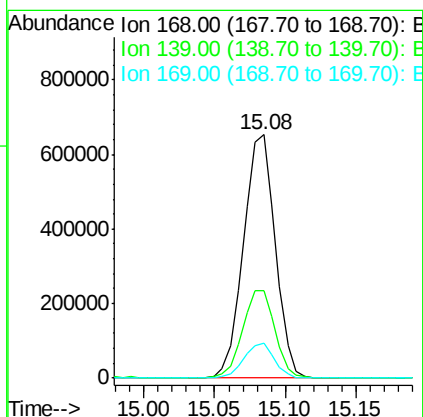
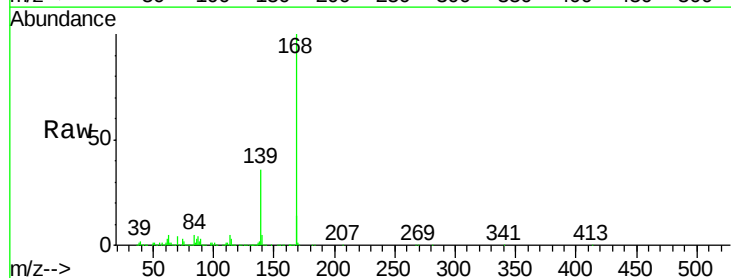
#53  
2,4-Dinitrophenol  
Concen: 92.69 ng  
RT: 14.80 min Scan# 1959  
Delta R.T. -0.00 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

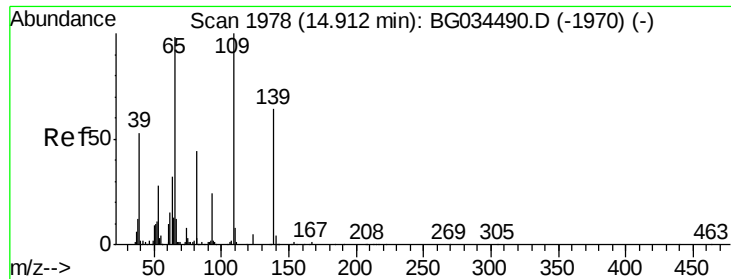
Tot Ion:184 Resp: 244781  
Ion Ratio Lower Upper  
184 100  
63 51.4 59.8 89.8#  
154 63.8 101.8 152.8#



#54  
Dibenzofuran  
Concen: 45.04 ng  
RT: 15.08 min Scan# 2008  
Delta R.T. -0.00 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

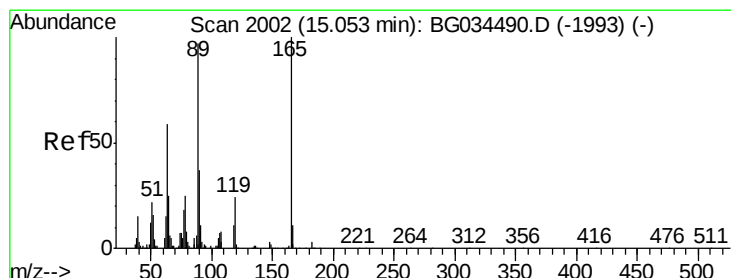
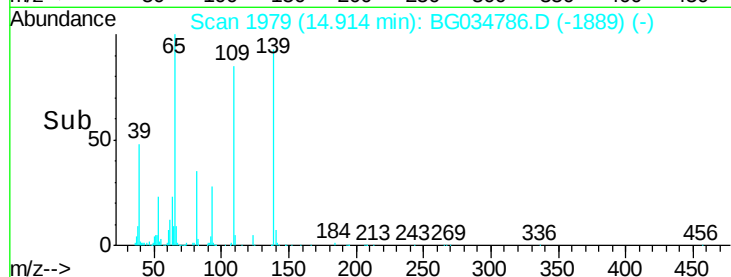
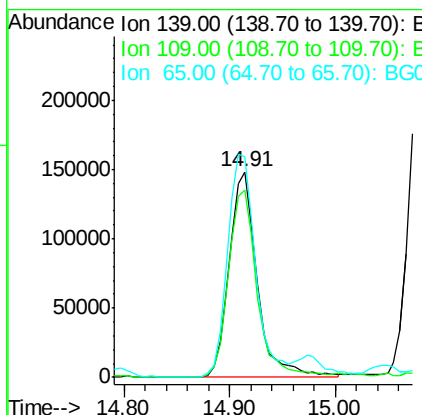
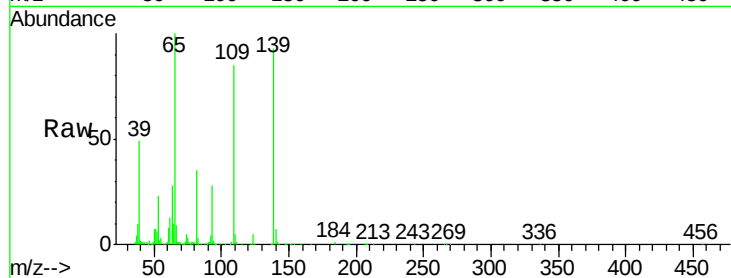
Tgt Ion:168 Resp: 1030423  
Ion Ratio Lower Upper  
168 100  
139 36.0 28.6 43.0  
169 14.4 11.2 16.8





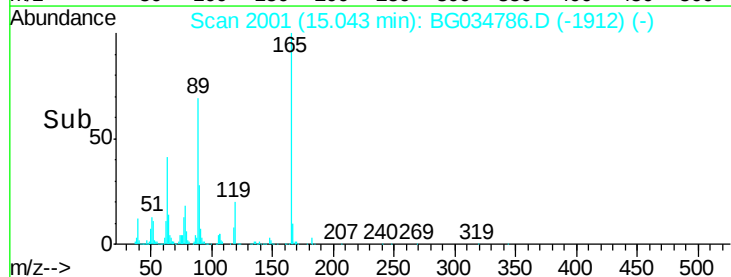
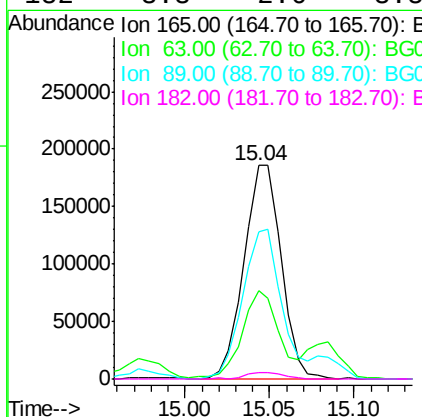
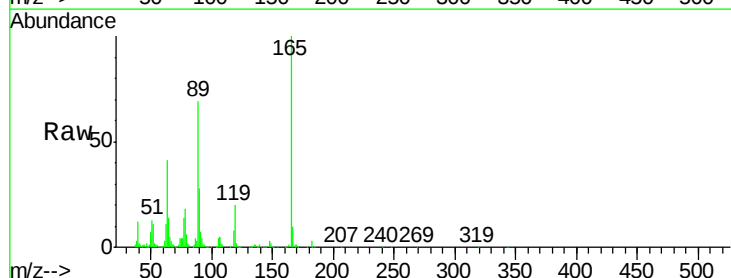
#55  
4-Nitrophenol  
Concen: 83.22 ng  
RT: 14.91 min Scan# 1979  
Delta R.T. -0.00 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

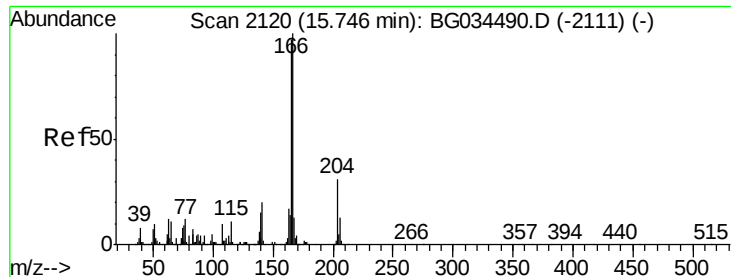
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 91.2  | 62.2  | 102.2 |
| 65      | 107.7 | 97.2  | 137.2 |



#56  
2,4-Dinitrotoluene  
Concen: 47.95 ng  
RT: 15.04 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

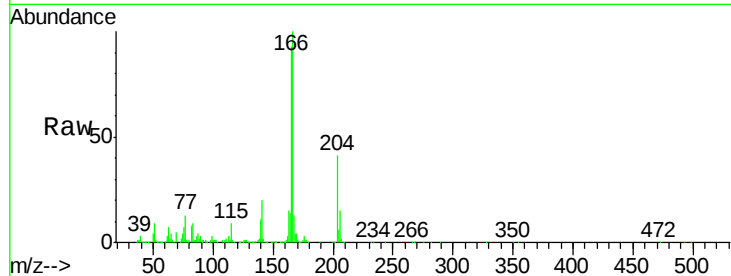
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.1  | 42.0  | 63.0# |
| 89      | 69.0  | 66.9  | 100.3 |
| 182     | 3.3   | 2.6   | 3.8   |



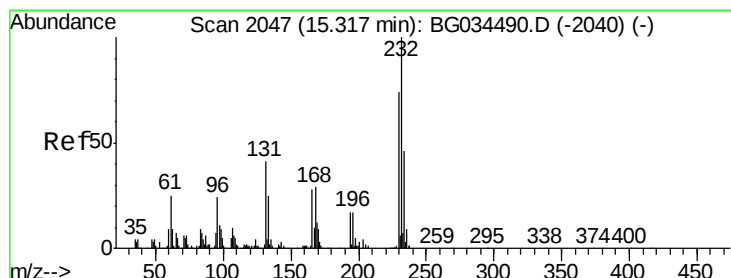
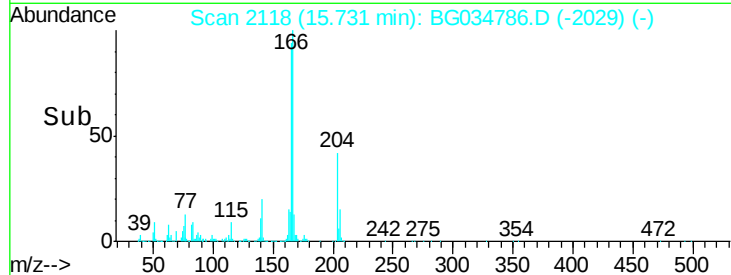
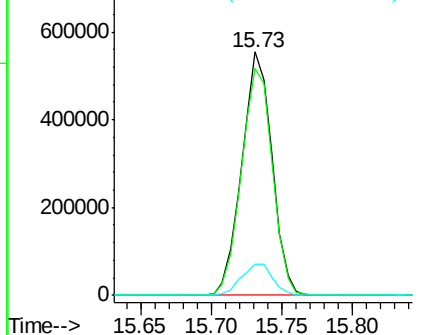


#57  
 Fluorene  
 Concen: 46.51 ng  
 RT: 15.73 min Scan# 2118  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 93.1  | 80.6  | 121.0 |
| 167     | 12.7  | 10.4  | 15.6  |

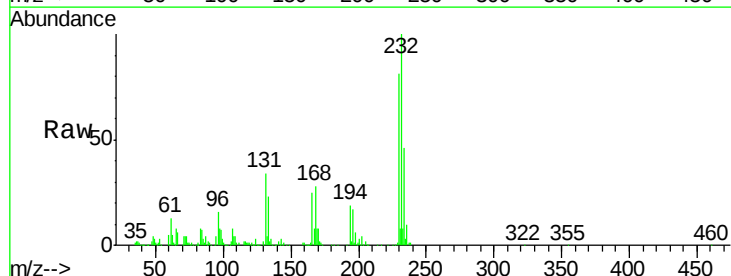


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

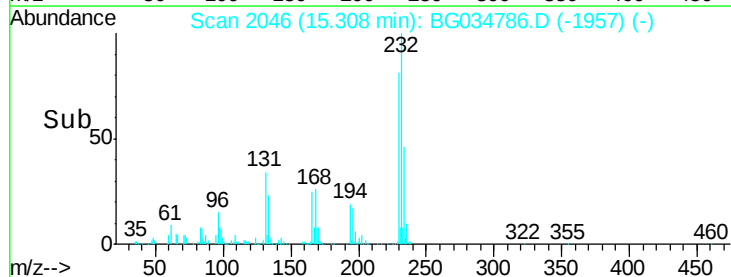
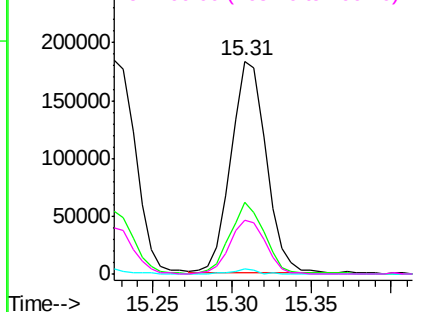


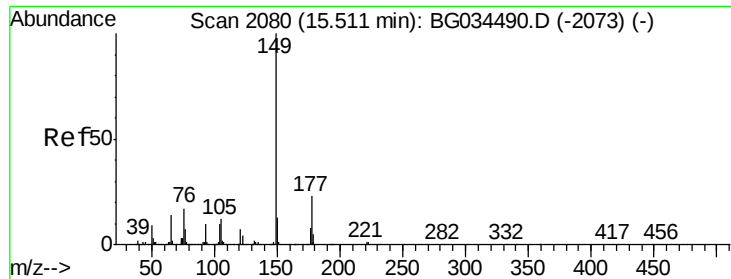
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.45 ng  
 RT: 15.31 min Scan# 2046  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 32.2  | 33.5  | 50.3# |
| 130     | 1.7   | 2.2   | 3.2#  |
| 166     | 25.6  | 24.8  | 37.2  |



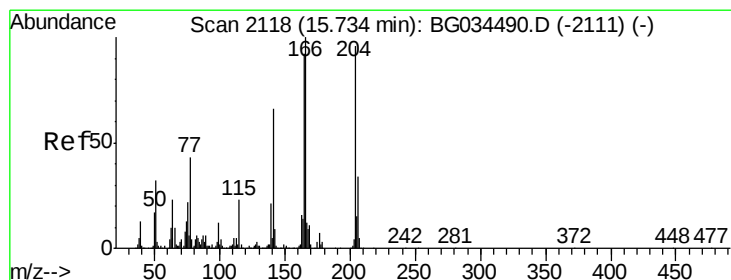
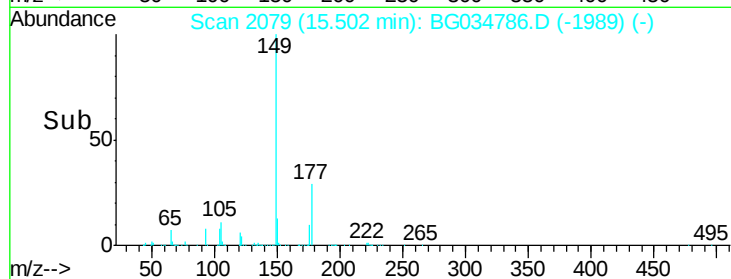
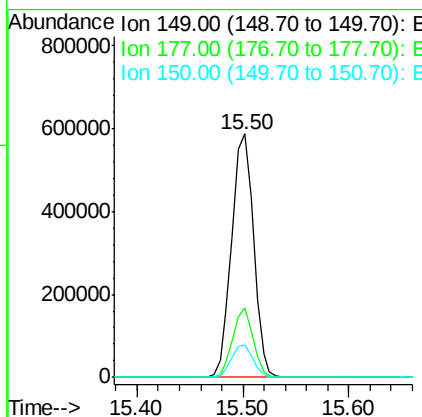
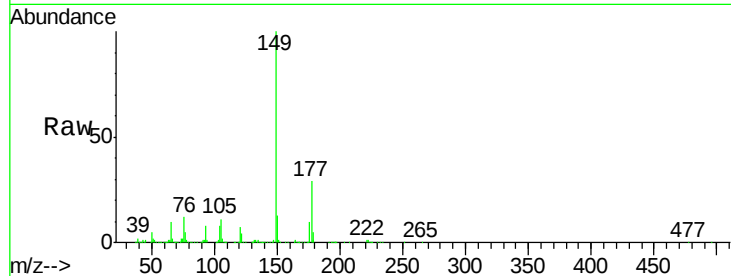
Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E





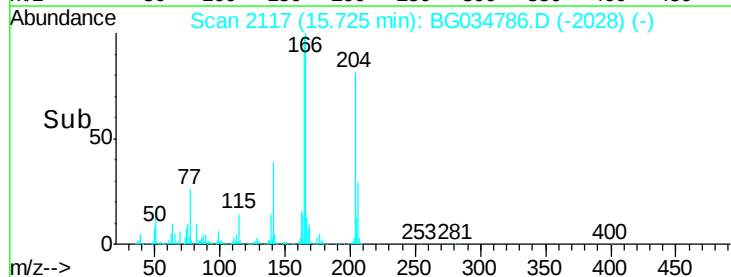
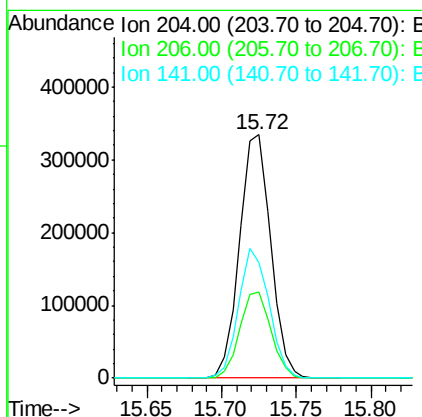
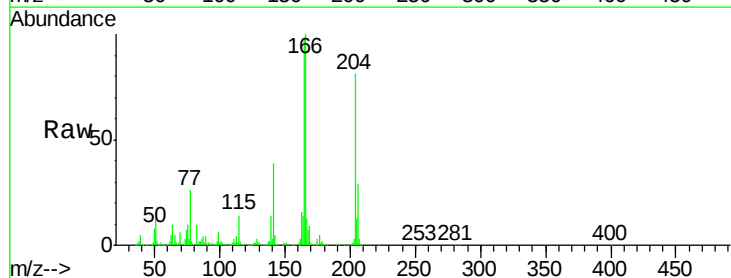
#59  
Diethylphthalate  
Concen: 41.25 ng  
RT: 15.50 min Scan# 2079  
Delta R.T. -0.00 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

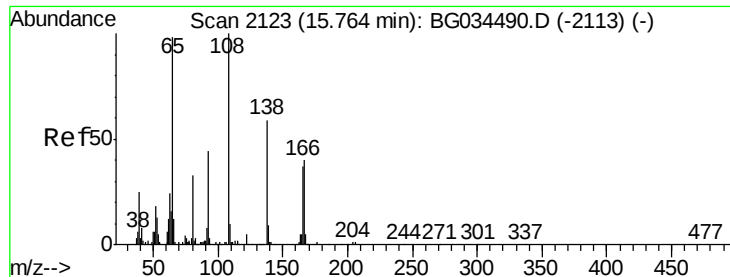
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 28.7  | 18.5  | 27.7# |
| 150     | 13.3  | 10.2  | 15.2  |



#60  
4-Chlorophenyl-phenylether  
Concen: 45.63 ng  
RT: 15.72 min Scan# 2117  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.7  | 26.2  | 39.2  |
| 141     | 47.7  | 45.8  | 68.6  |





#61

4-Nitroaniline

Concen: 42.54 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

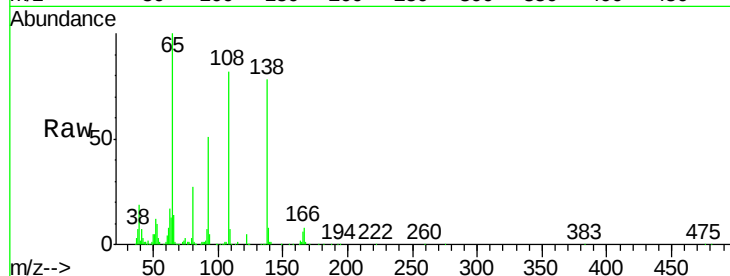
Tot Ion:138 Resp: 178892

Ion Ratio Lower Upper

138 100

92 65.5 40.1 80.1

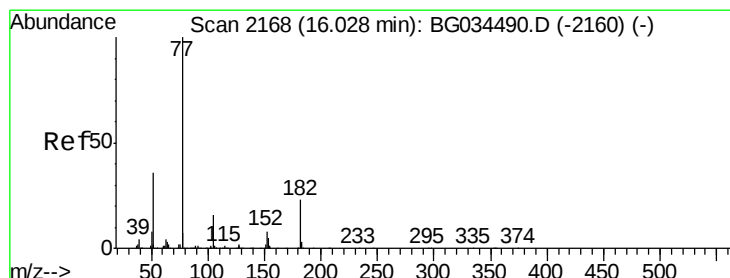
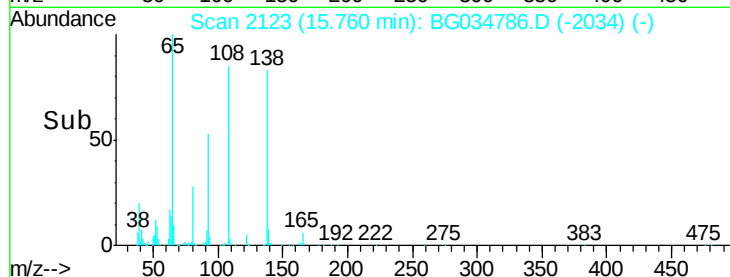
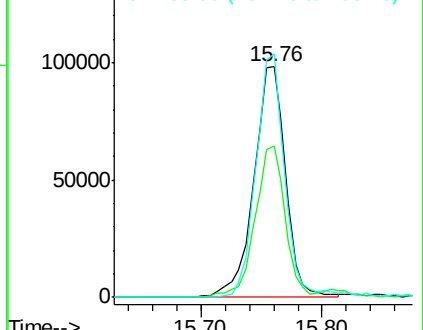
108 105.7 65.4 105.4#



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



#62

Azobenzene

Concen: 39.12 ng

RT: 16.02 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

Tgt Ion: 77 Resp: 845374

Ion Ratio Lower Upper

77 100

182 28.7 7.4 47.4

105 21.7 0.3 40.3

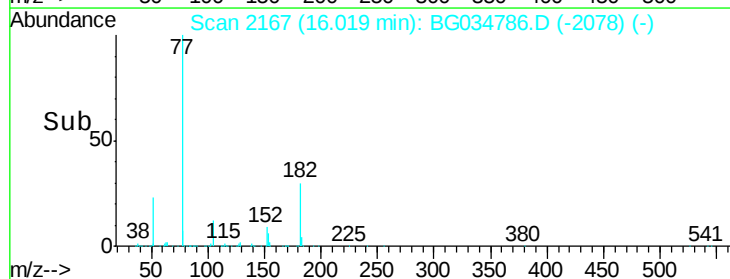
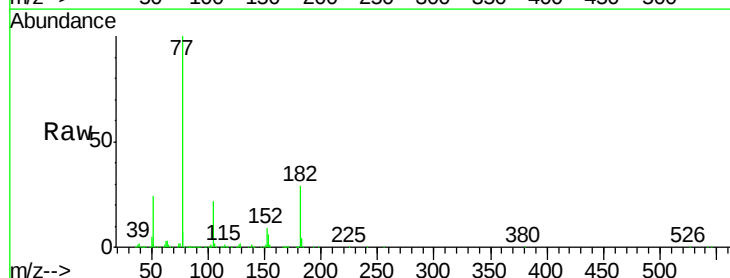
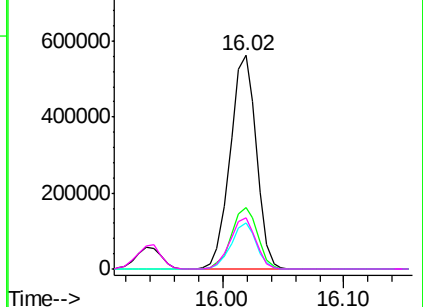
51 23.8 11.6 51.6

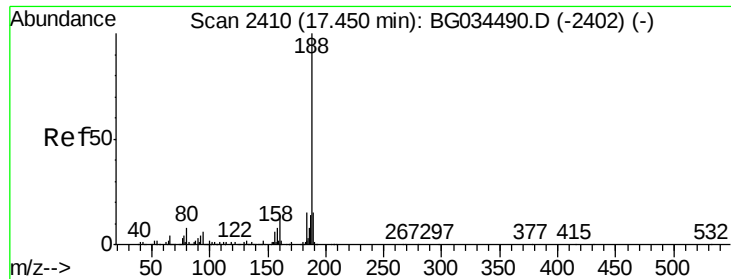
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

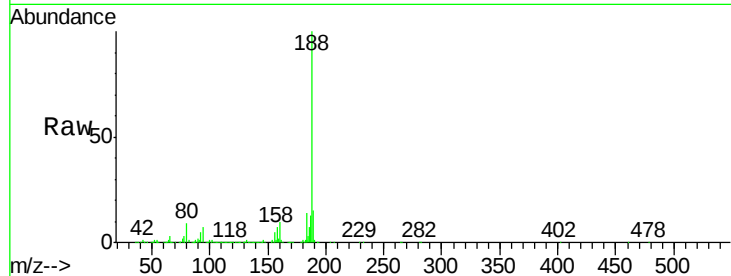
Tot Ion:188 Resp: 574459

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

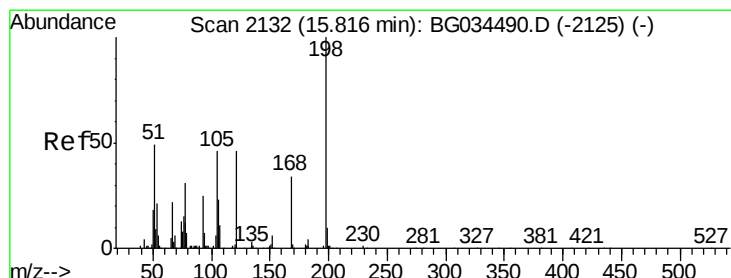
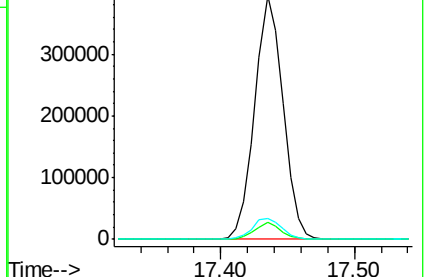
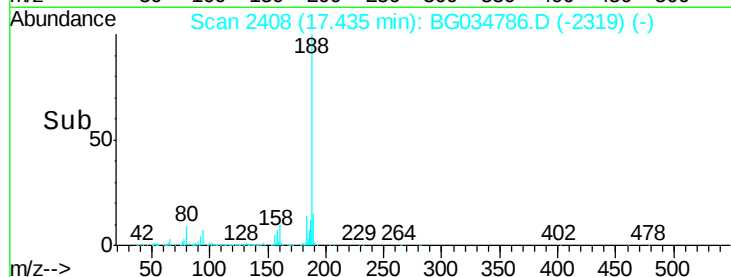
80 8.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 47.76 ng

RT: 15.81 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

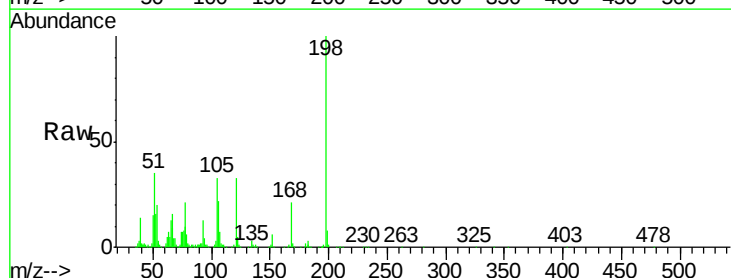
Tgt Ion:198 Resp: 175937

Ion Ratio Lower Upper

198 100

51 35.3 30.6 70.6

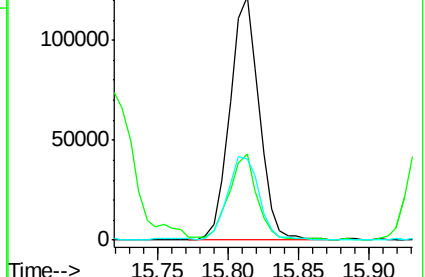
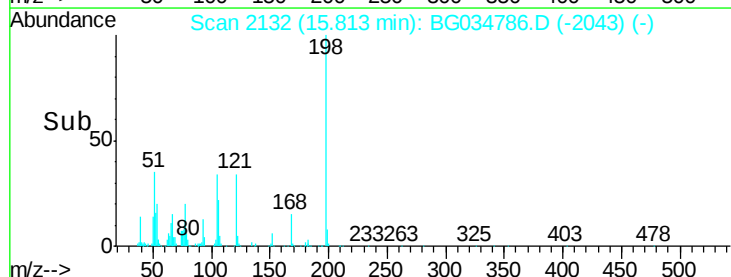
105 33.3 23.8 63.8

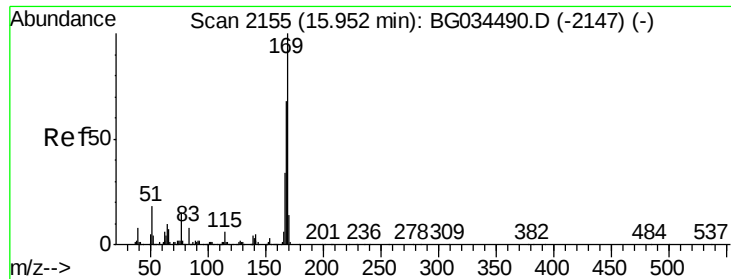


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.54 ng

RT: 15.94 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

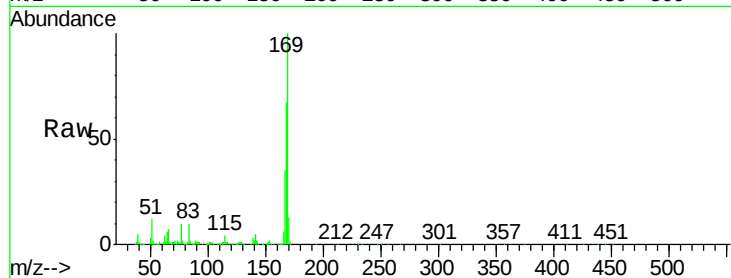
Tot Ion:169 Resp: 798676

Ion Ratio Lower Upper

169 100

168 66.7 55.7 83.5

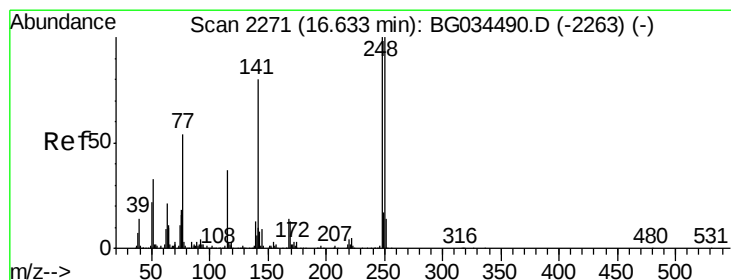
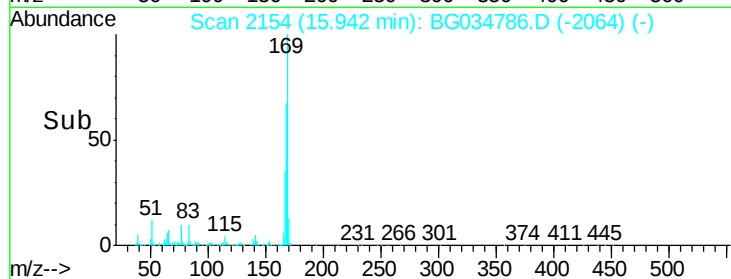
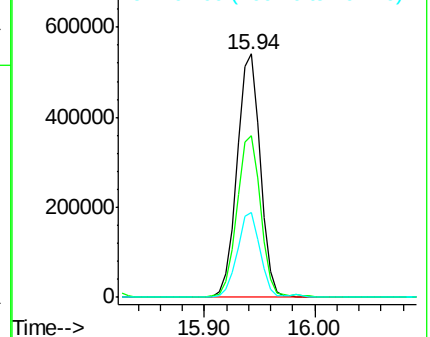
167 34.9 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.87 ng

RT: 16.62 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

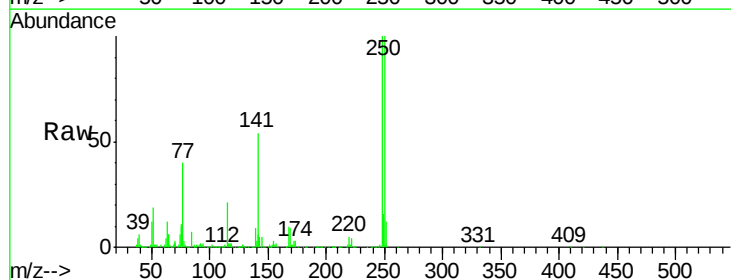
Tgt Ion:248 Resp: 361905

Ion Ratio Lower Upper

248 100

250 99.5 77.1 115.7

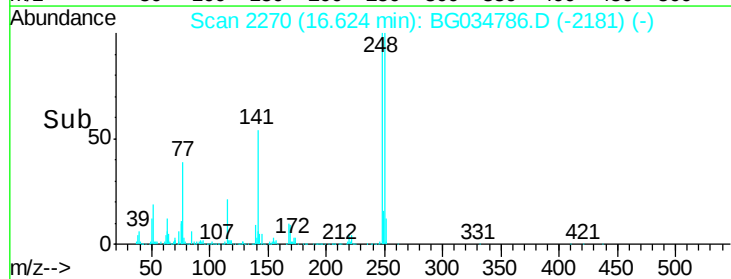
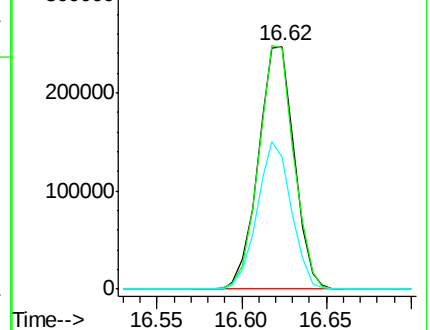
141 54.4 50.8 76.2

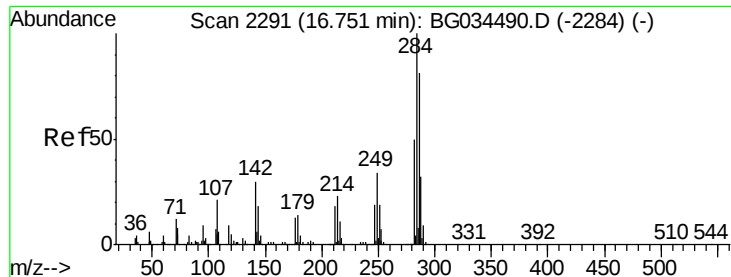


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

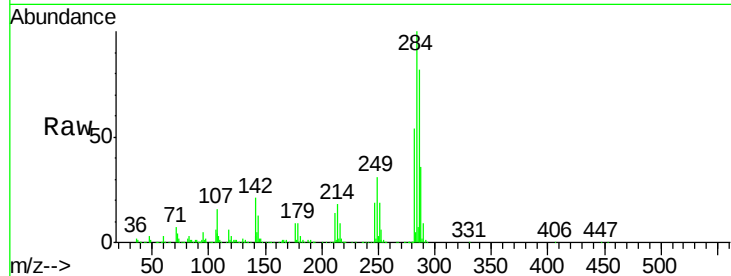
Ion 141.00 (140.70 to 141.70): E



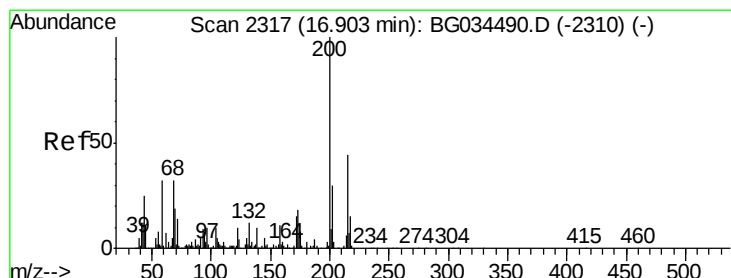
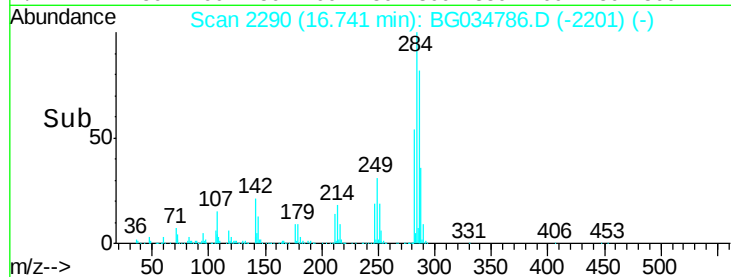
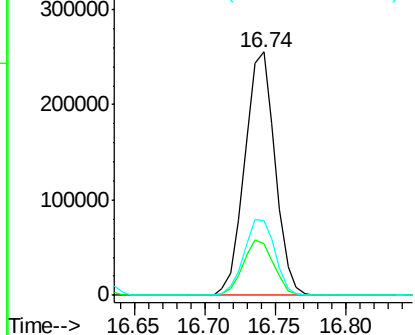


#67  
Hexachlorobenzene  
Concen: 45.96 ng  
RT: 16.74 min Scan# 2290  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 21.1  | 26.8  | 40.2# |
| 249     | 30.8  | 26.3  | 39.5  |

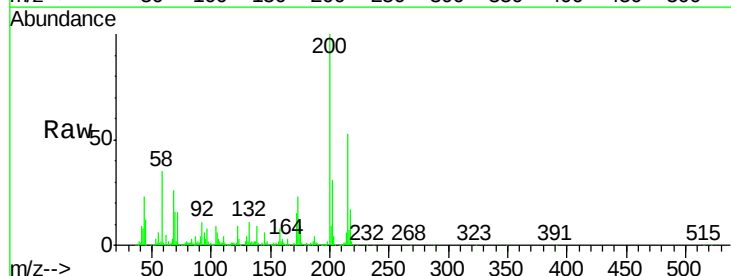


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

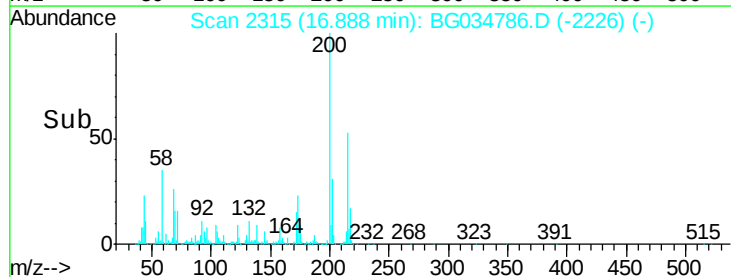
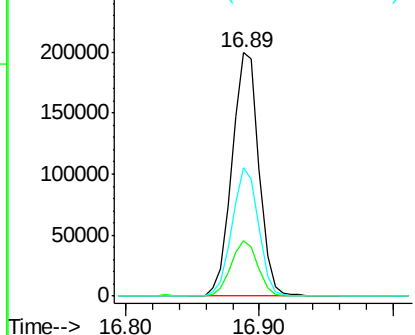


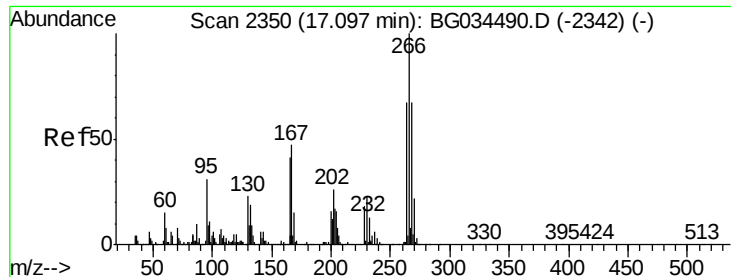
#68  
Atrazine  
Concen: 37.71 ng  
RT: 16.89 min Scan# 2315  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.7  | 5.2   | 45.2  |
| 215     | 52.7  | 30.4  | 70.4  |



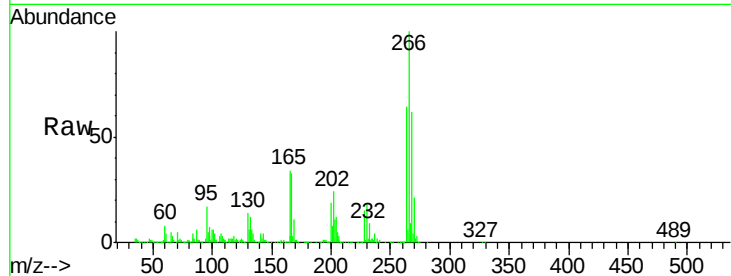
Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E



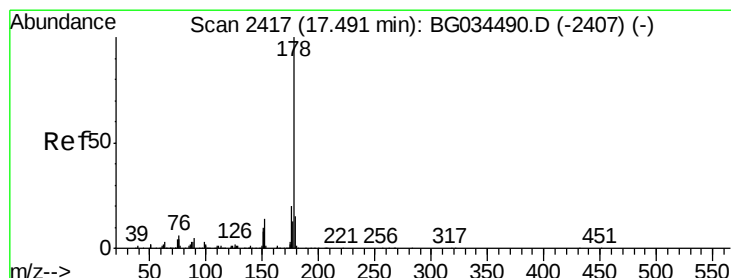
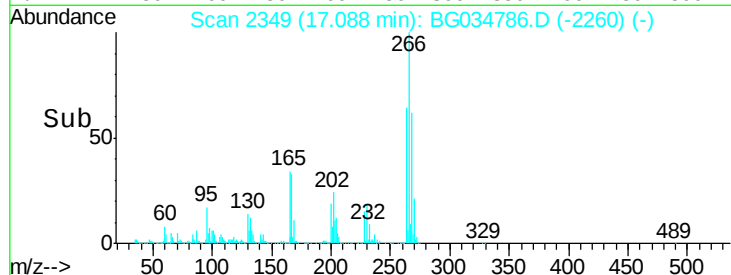
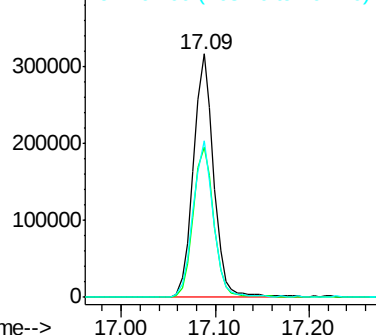


#69  
 Pentachlorophenol  
 Concen: 95.10 ng  
 RT: 17.09 min Scan# 2349  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.7  | 51.1  | 76.7  |
| 264     | 64.1  | 49.6  | 74.4  |

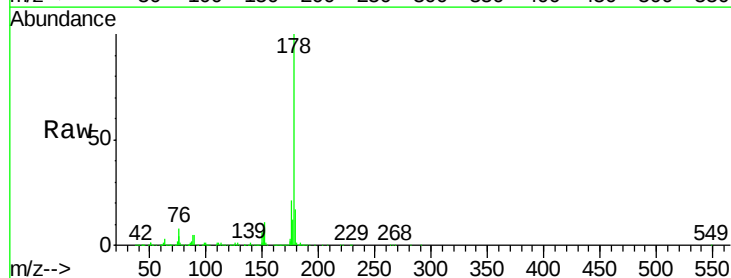


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

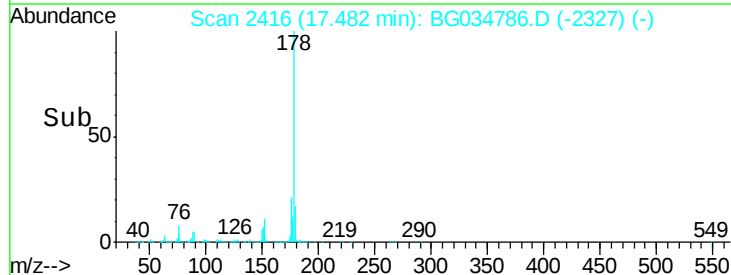
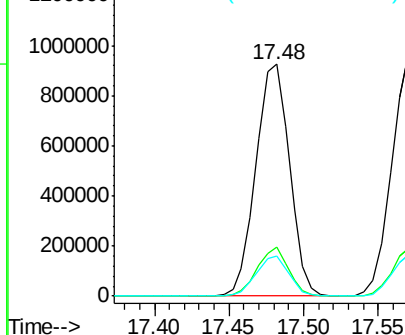


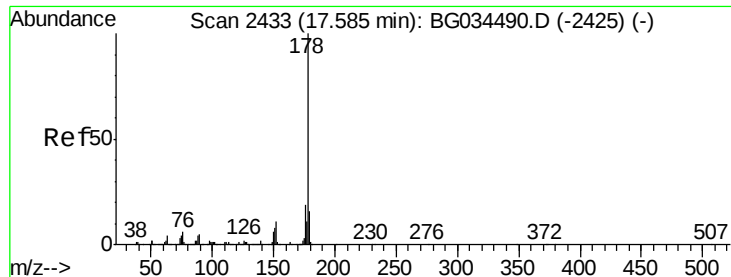
#70  
 Phenanthrene  
 Concen: 46.11 ng  
 RT: 17.48 min Scan# 2416  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.1  | 15.7  | 23.5  |
| 179     | 17.4  | 12.5  | 18.7  |



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





#71

Anthracene

Concen: 46.26 ng

RT: 17.57 min Scan# 2431

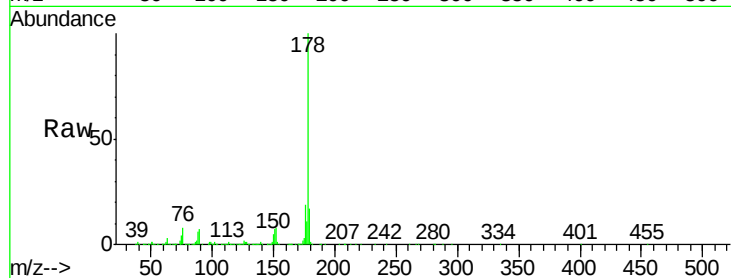
Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

Tot Ion:178 Resp: 1466724

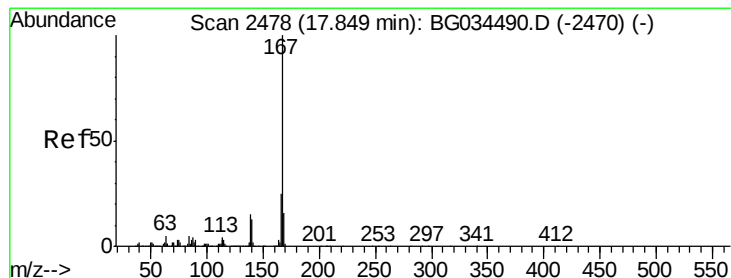
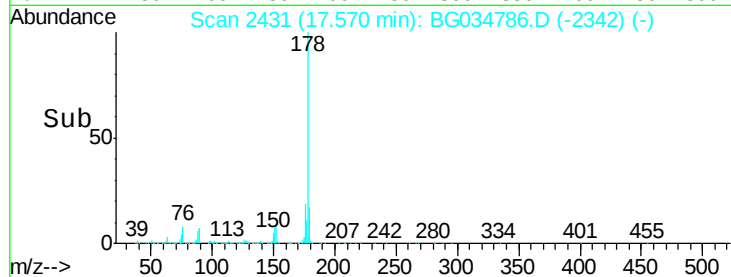
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.4  | 16.0  | 24.0  |
| 179 | 17.0  | 12.5  | 18.7  |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 49.01 ng

RT: 17.84 min Scan# 2477

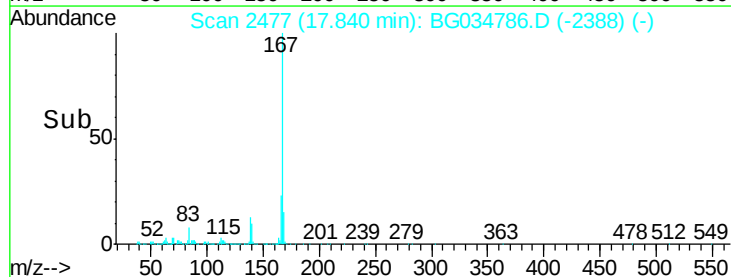
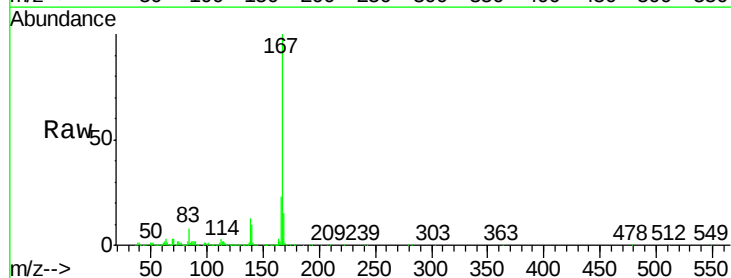
Delta R.T. -0.01 min

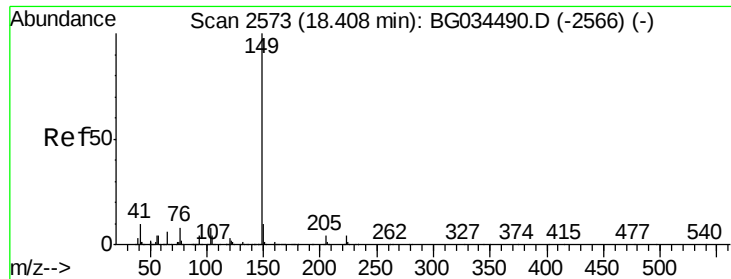
Lab File: BG034786.D

Acq: 29 May 2018 20:53

Tgt Ion:167 Resp: 1285872

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.1  | 18.2  | 27.4  |
| 139 | 12.7  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 45.02 ng

RT: 18.40 min Scan# 2572

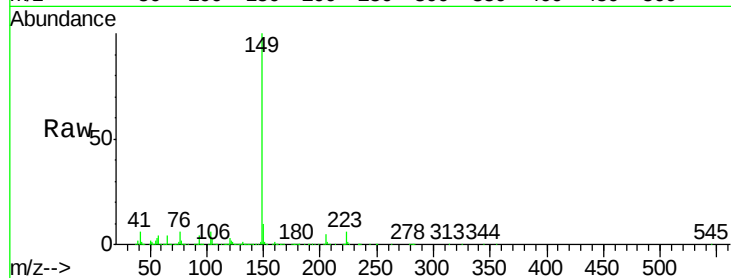
Delta R.T. -0.01 min

Lab File: BG034786.D

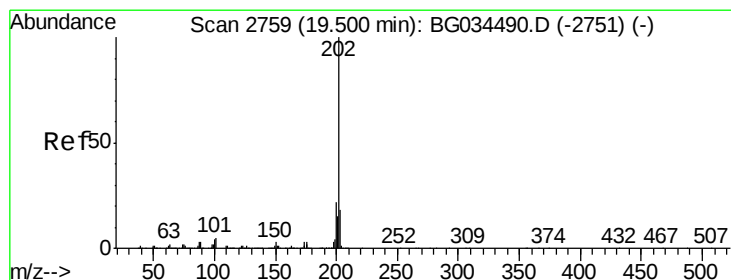
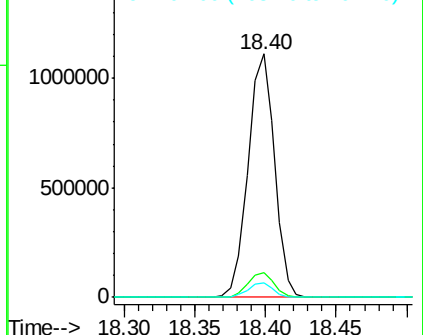
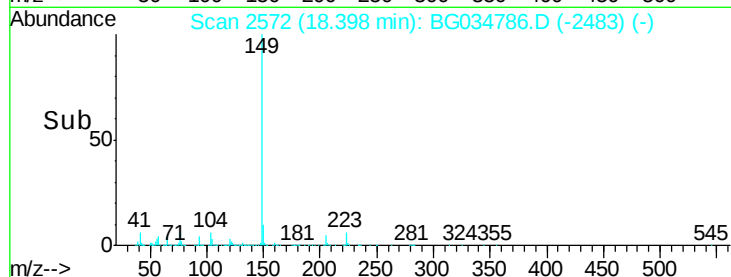
Acq: 29 May 2018 20:53

Tot Ion:149 Resp: 1462491

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.3  | 7.8   | 11.6  |
| 104 | 5.9   | 3.9   | 5.9#  |



Abundance Ion 149.00 (148.70 to 149.70): E  
 1500000 Ion 150.00 (149.70 to 150.70): E  
 1000000 Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.84 ng

RT: 19.49 min Scan# 2758

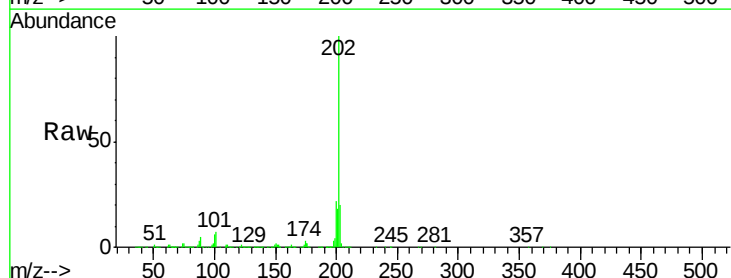
Delta R.T. -0.01 min

Lab File: BG034786.D

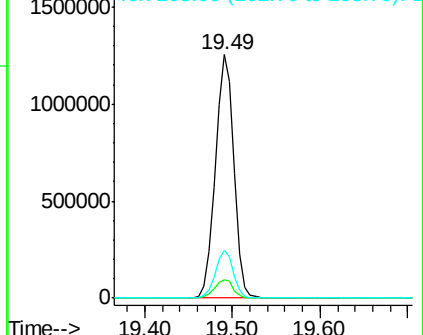
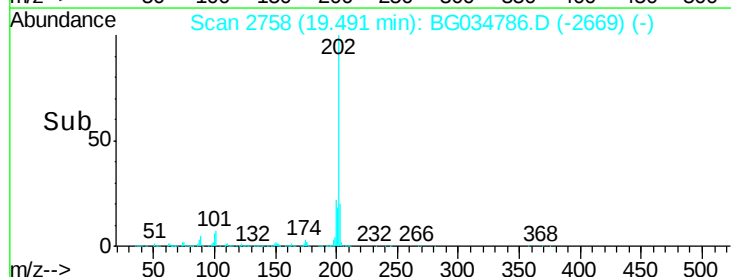
Acq: 29 May 2018 20:53

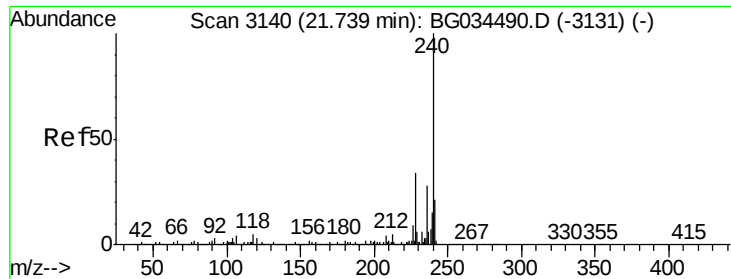
Tgt Ion:202 Resp: 1839727

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 7.4   | 0.0   | 28.9  |
| 203 | 19.7  | 0.0   | 37.5  |



Abundance Ion 202.00 (201.70 to 202.70): E  
 1500000 Ion 101.00 (100.70 to 101.70): E  
 1000000 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

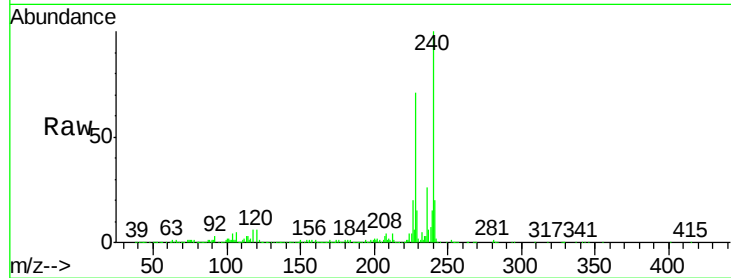
Tot Ion:240 Resp: 685440

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

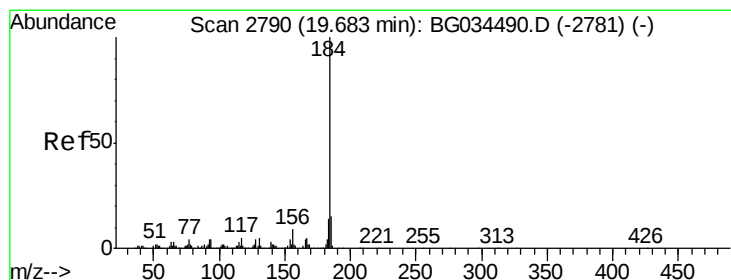
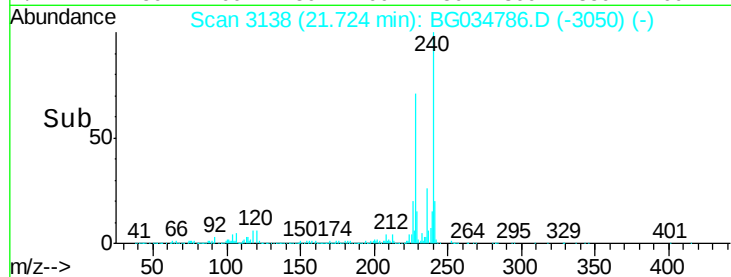
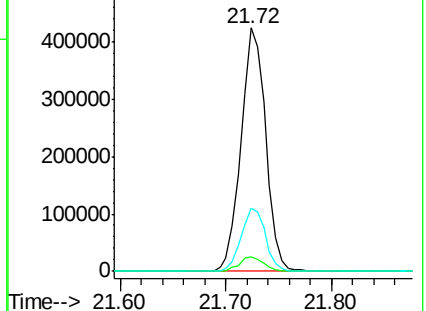
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.98 ng

RT: 19.70 min Scan# 2794

Delta R.T. 0.02 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

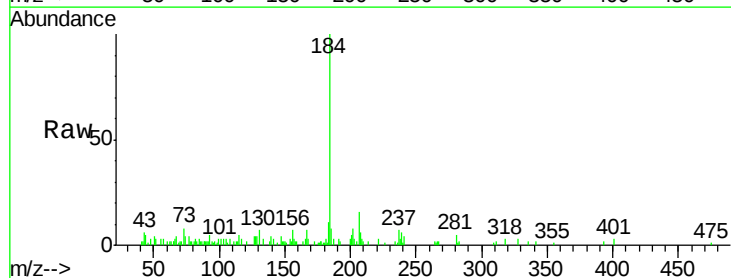
Tgt Ion:184 Resp: 51803

Ion Ratio Lower Upper

184 100

185 8.4 11.1 16.7#

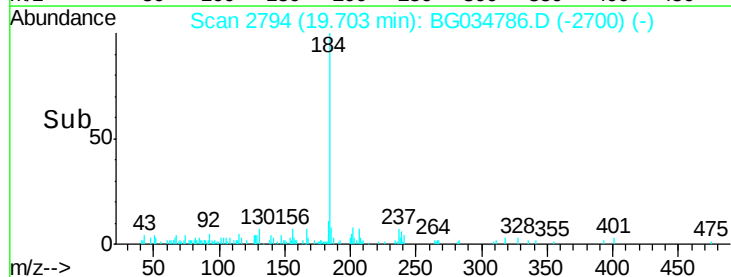
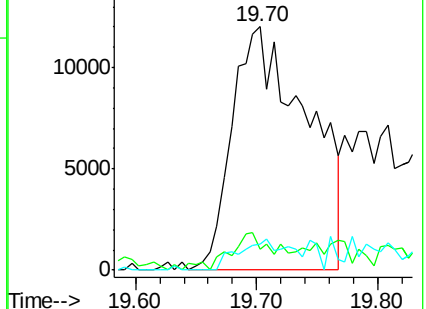
183 10.6 10.6 16.0#

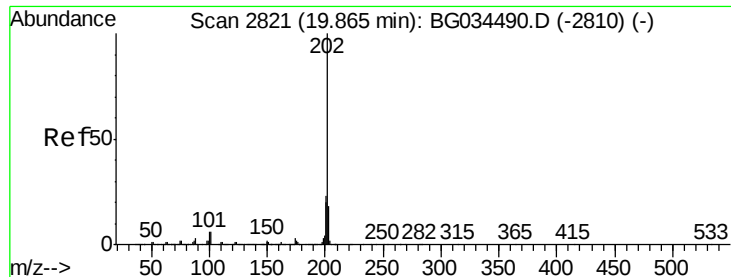


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.63 ng

RT: 19.86 min Scan# 2820

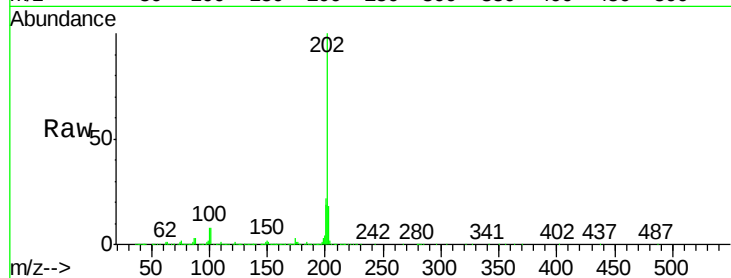
Delta R.T. -0.01 min

Lab File: BG034786.D

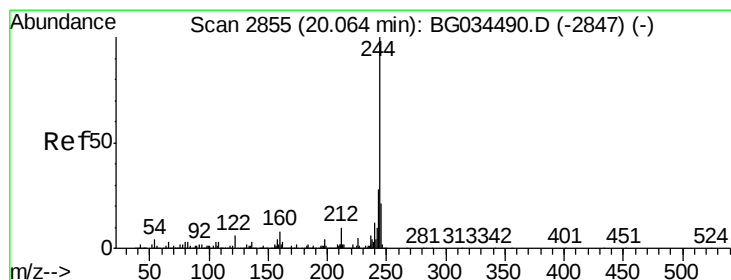
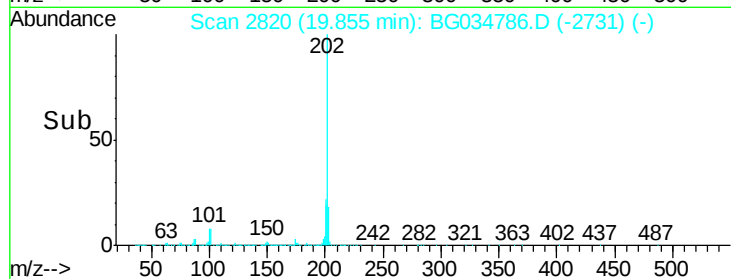
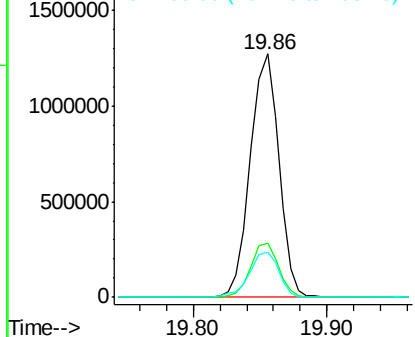
Acq: 29 May 2018 20:53

Tot Ion:202 Resp: 1872160

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.4  | 16.9  | 25.3  |
| 203 | 18.4  | 13.9  | 20.9  |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.20 ng

RT: 20.05 min Scan# 2853

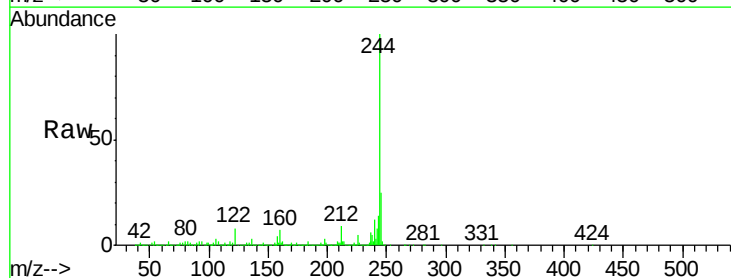
Delta R.T. -0.01 min

Lab File: BG034786.D

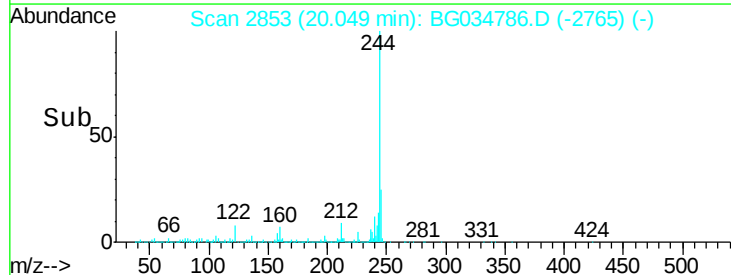
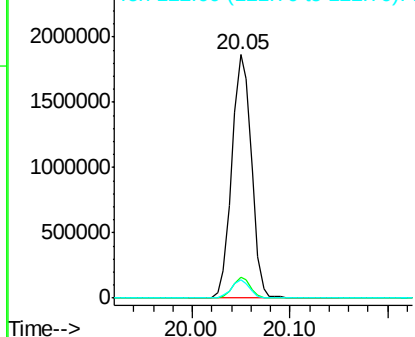
Acq: 29 May 2018 20:53

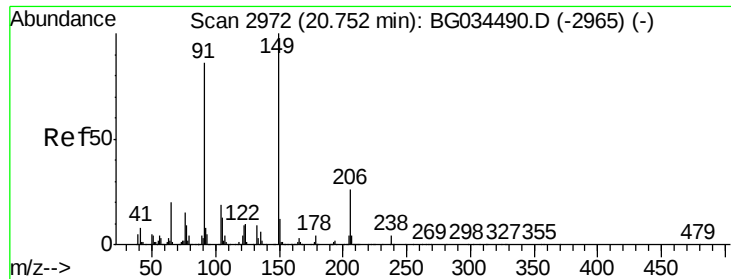
Tgt Ion:244 Resp: 2600631

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.6   | 5.8   | 8.8   |
| 122 | 7.6   | 7.0   | 10.4  |



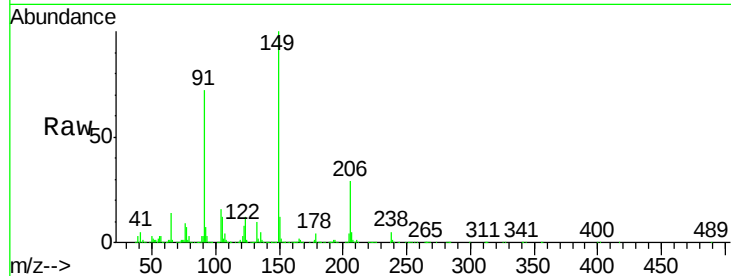
Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



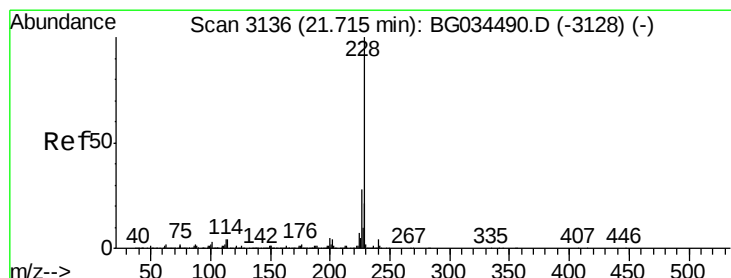
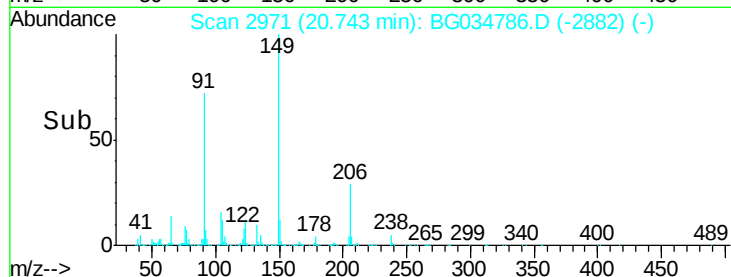
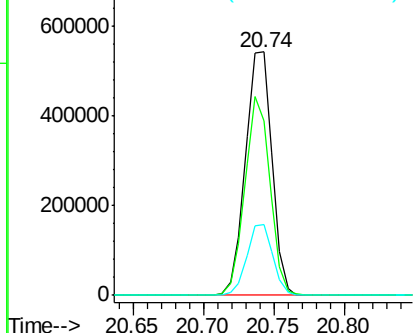


#79  
Butylbenzylphthalate  
Concen: 43.31 ng  
RT: 20.74 min Scan# 2971  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.7  | 62.2  | 93.2  |
| 206     | 29.0  | 18.6  | 27.8  |

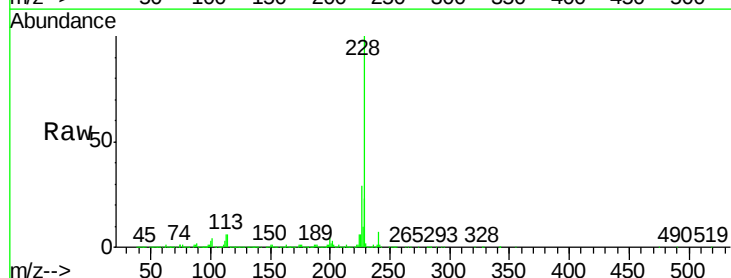


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E

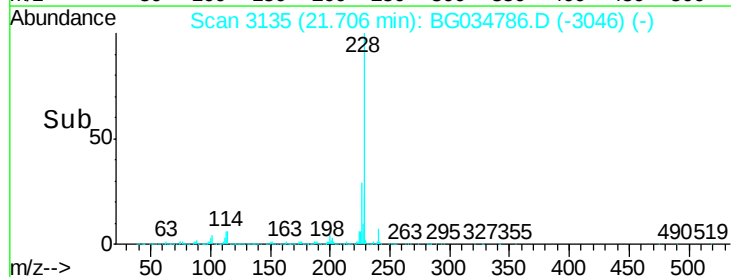
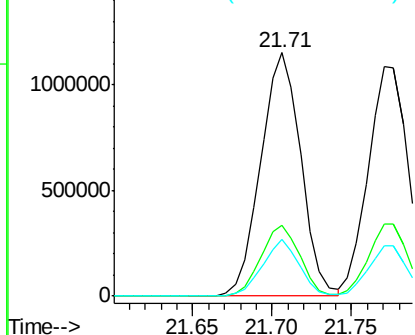


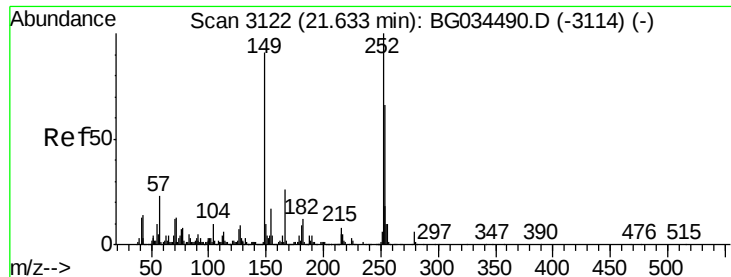
#80  
Benzo(a)anthracene  
Concen: 45.36 ng  
RT: 21.71 min Scan# 3135  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.9  | 22.7  | 34.1  |
| 229     | 23.4  | 16.2  | 24.2  |



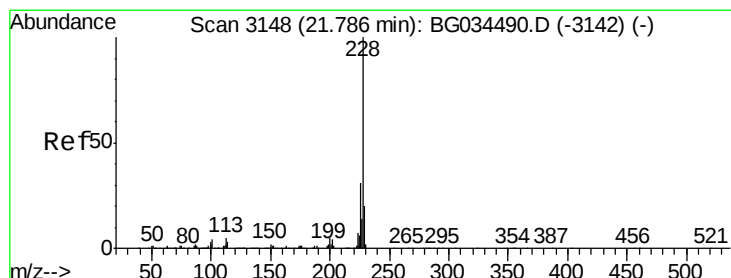
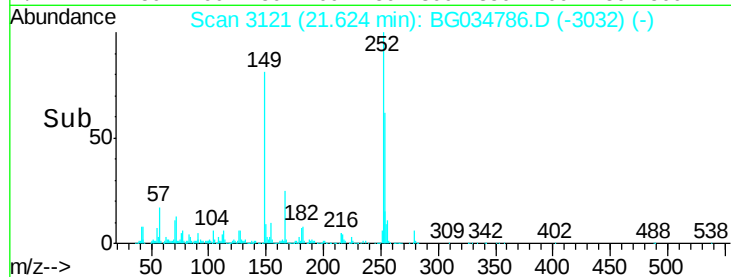
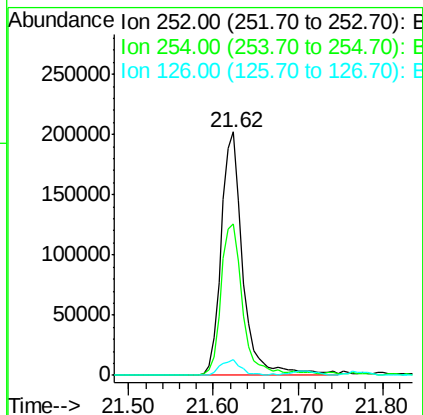
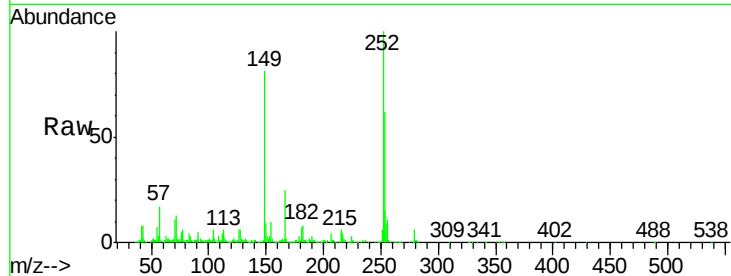
Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





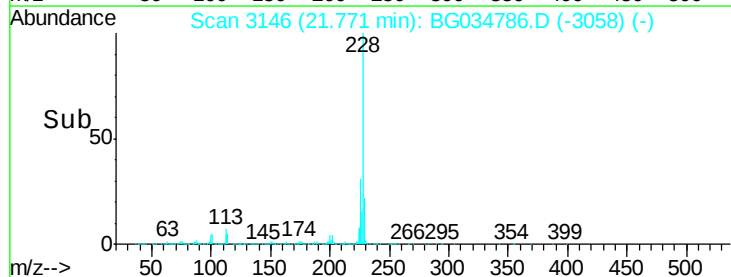
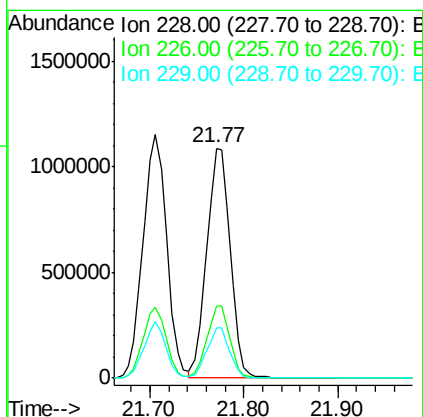
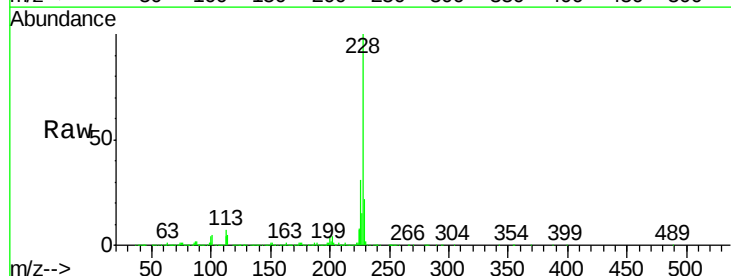
#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.81 ng  
 RT: 21.62 min Scan# 3121  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

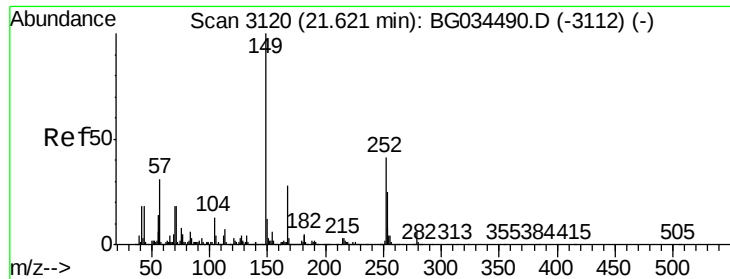
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.0  | 50.8  | 76.2  |
| 126     | 6.2   | 7.4   | 11.2# |



#82  
 Chrysene  
 Concen: 46.75 ng  
 RT: 21.77 min Scan# 3146  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.4  | 24.9  | 37.3  |
| 229     | 22.0  | 15.0  | 22.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.55 ng

RT: 21.61 min Scan# 3118

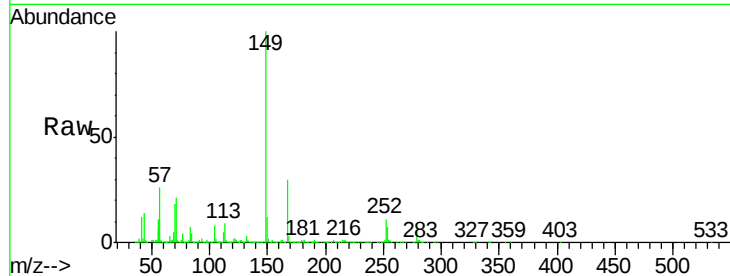
Delta R.T. -0.01 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

Tot Ion:149 Resp: 1000934

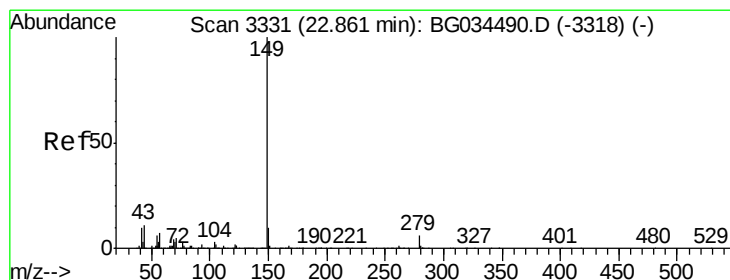
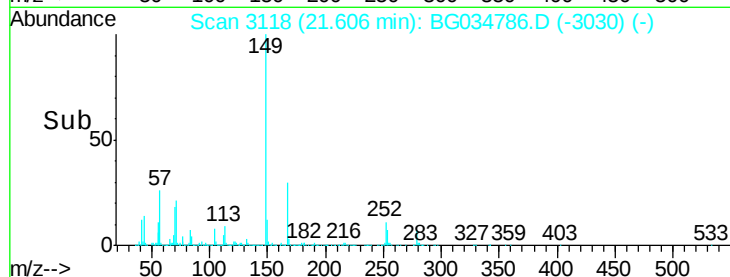
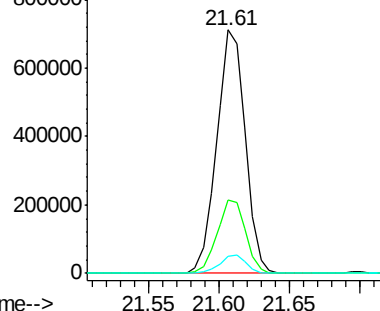
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.3  | 24.3  | 36.5  |
| 279 | 6.9   | 4.0   | 6.0   |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.93 ng

RT: 22.83 min Scan# 3327

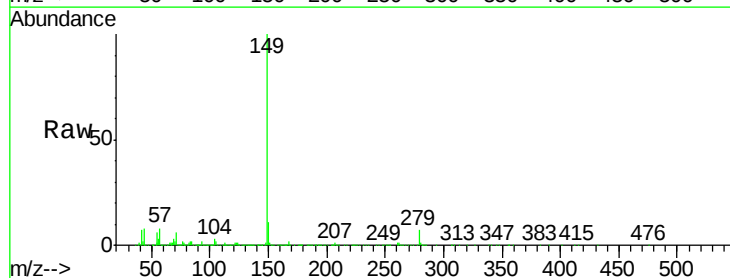
Delta R.T. -0.02 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

Tgt Ion:149 Resp: 1727238

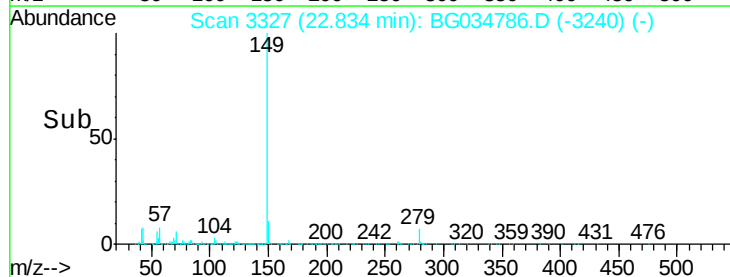
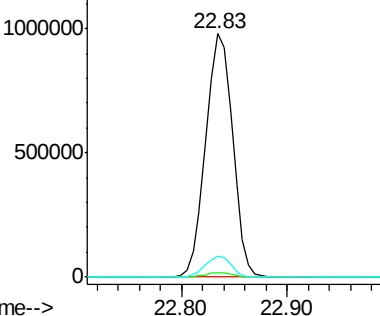
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.9   | 1.4   | 2.0   |
| 43  | 8.2   | 8.9   | 13.3  |

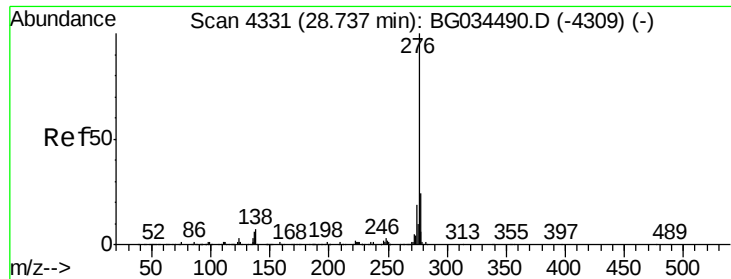


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

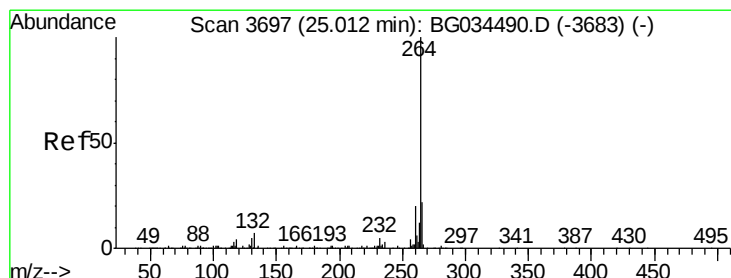
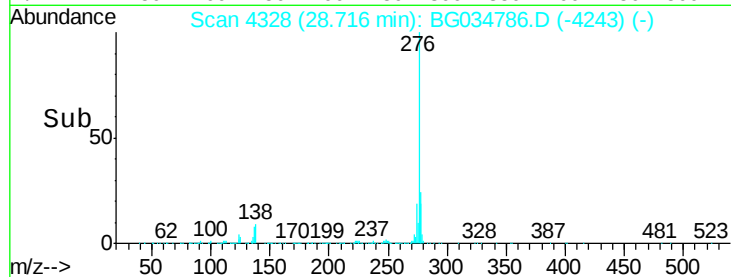
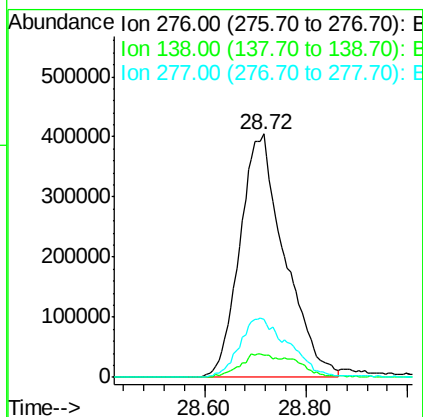
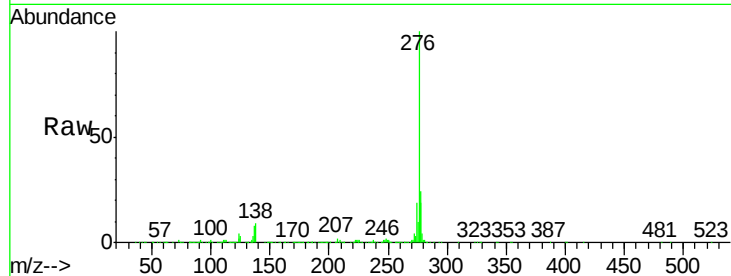




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.48 ng  
 RT: 28.72 min Scan# 4328  
 Delta R.T. -0.03 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

Tot Ion:276 Resp: 2481611

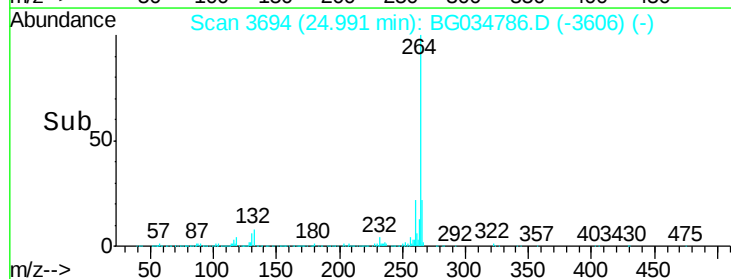
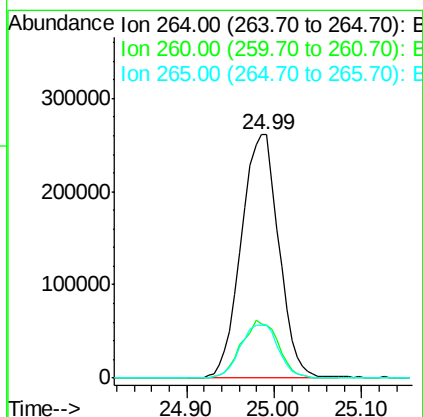
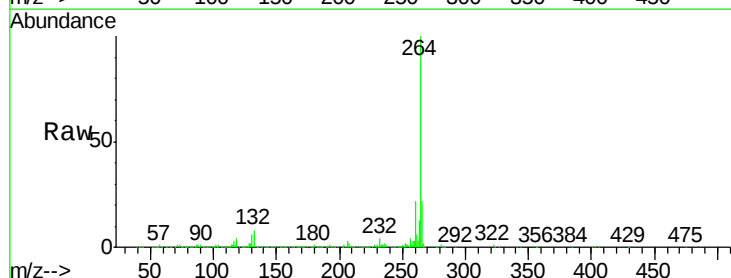
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 0.0   | 16.0  | 24.0# |
| 277 | 26.6  | 20.0  | 30.0  |

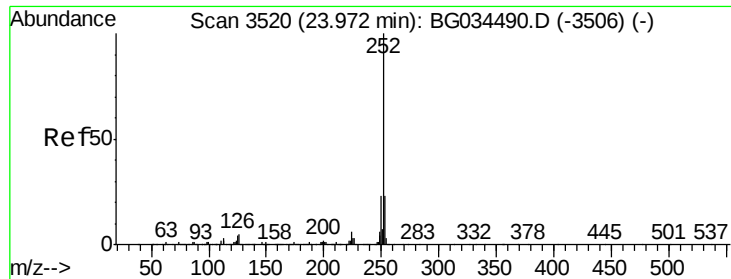


#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.99 min Scan# 3694  
 Delta R.T. -0.01 min  
 Lab File: BG034786.D  
 Acq: 29 May 2018 20:53

Tgt Ion:264 Resp: 764865

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 21.9  | 17.4  | 26.0  |
| 265 | 21.7  | 17.7  | 26.5  |

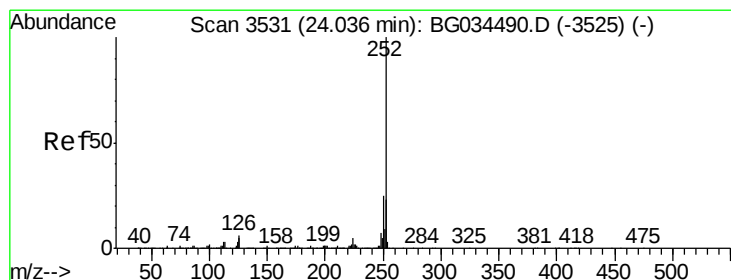
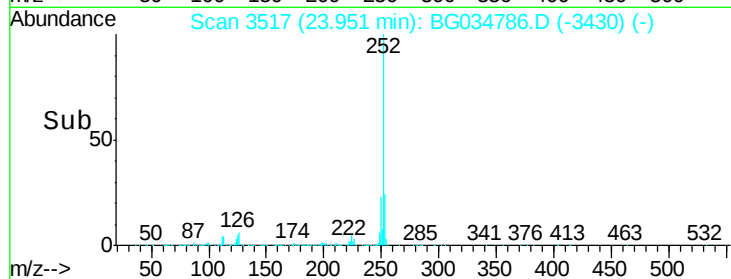
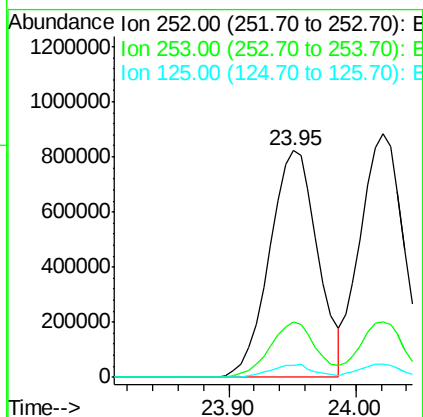
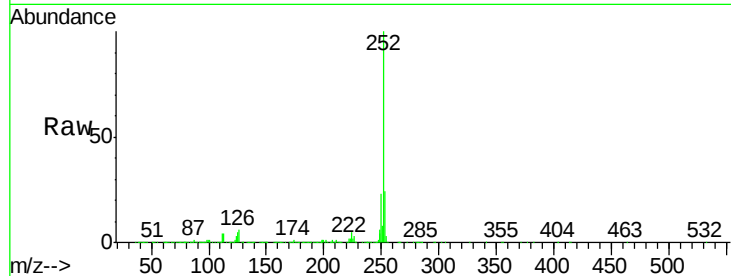




#87  
Benzo(b)fluoranthene  
Concen: 44.92 ng  
RT: 23.95 min Scan# 3517  
Delta R.T. -0.02 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

Tot Ion:252 Resp: 2174067

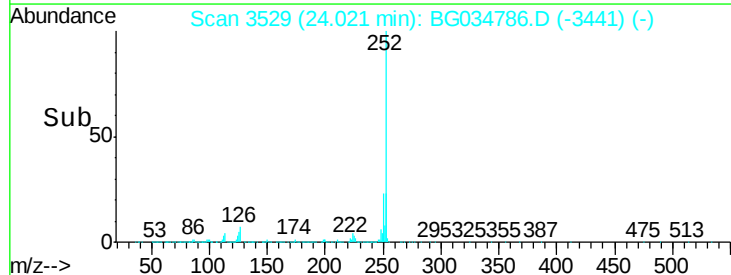
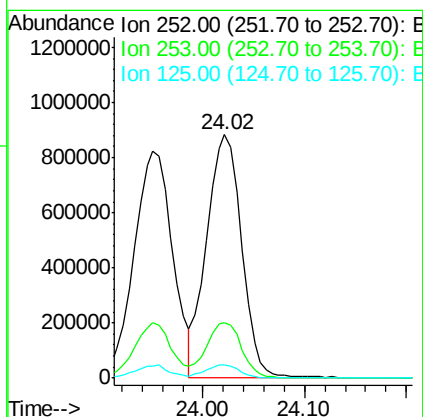
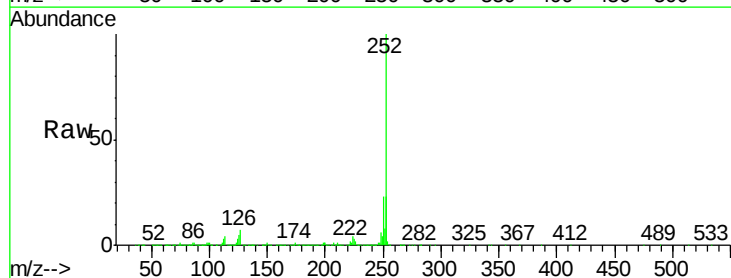
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.5  | 18.2  | 27.4  |
| 125 | 5.1   | 7.2   | 10.8# |

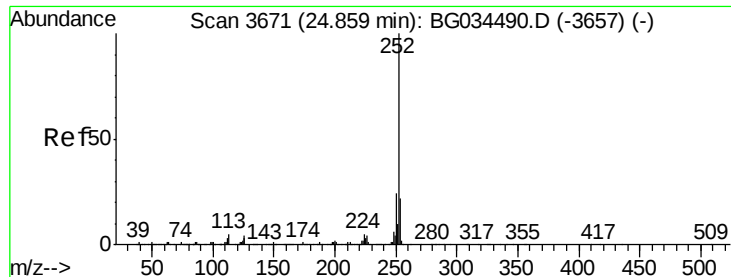


#88  
Benzo(k)fluoranthene  
Concen: 45.90 ng  
RT: 24.02 min Scan# 3529  
Delta R.T. -0.01 min  
Lab File: BG034786.D  
Acq: 29 May 2018 20:53

Tgt Ion:252 Resp: 2110158

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.7  | 17.4  | 26.2  |
| 125 | 5.2   | 6.6   | 9.8#  |





#89

Benzo(a)pyrene

Concen: 46.01 ng

RT: 24.84 min Scan# 3668

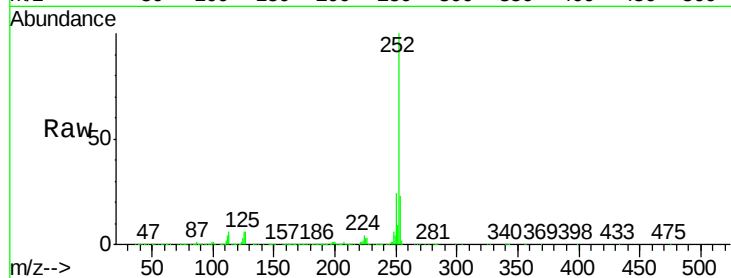
Delta R.T. -0.02 min

Lab File: BG034786.D

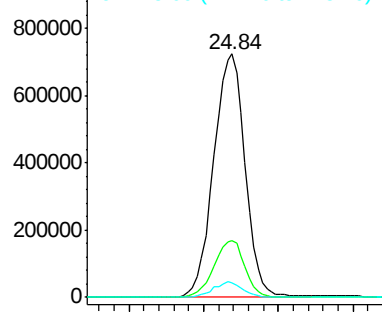
Acq: 29 May 2018 20:53

Tot Ion:252 Resp: 2113745

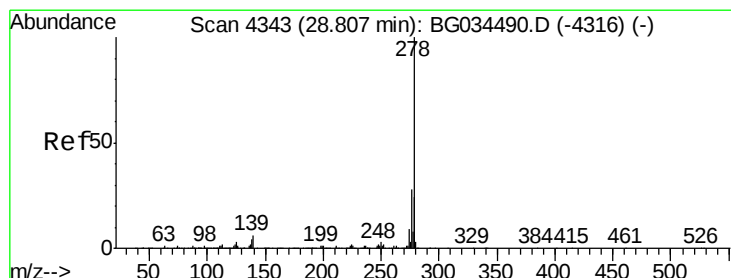
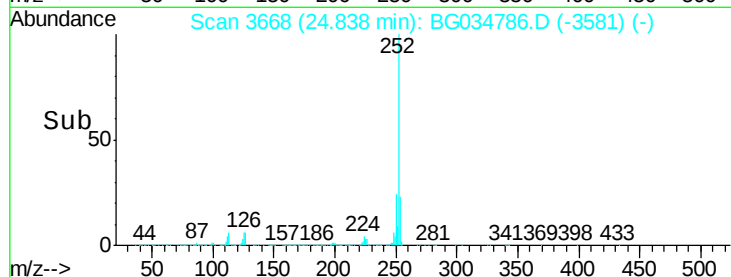
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.4  | 18.3  | 27.5  |
| 125 | 6.1   | 7.3   | 10.9# |



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



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 45.17 ng

RT: 28.77 min Scan# 4337

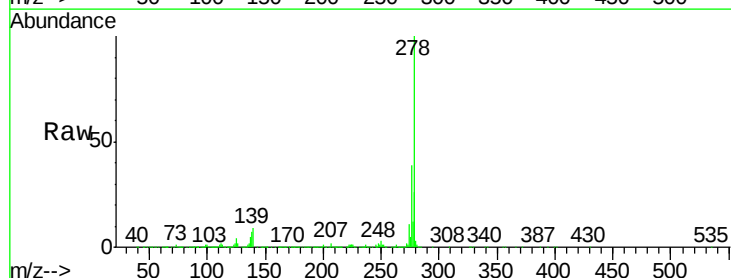
Delta R.T. -0.04 min

Lab File: BG034786.D

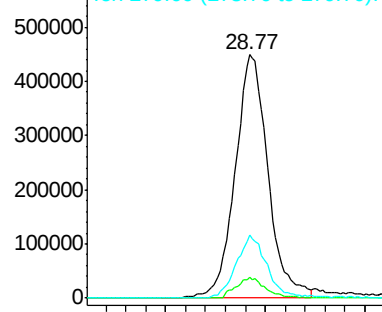
Acq: 29 May 2018 20:53

Tgt Ion:278 Resp: 2057817

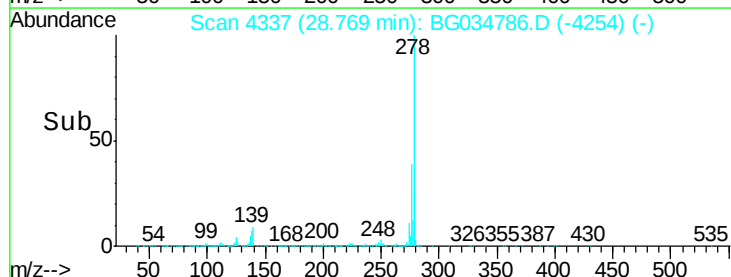
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 8.8   | 9.8   | 14.6# |
| 279 | 26.1  | 18.4  | 27.6  |

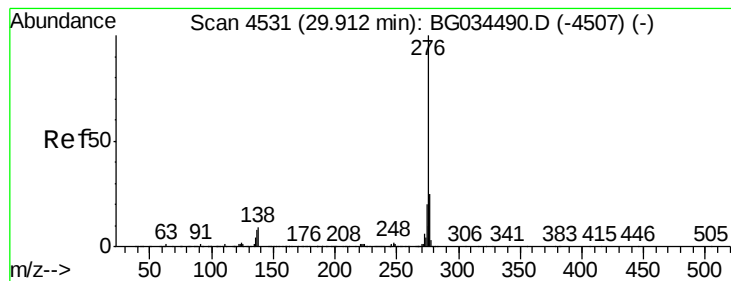


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(a,h,i)perylene

Concen: 45.28 ng

RT: 29.88 min Scan# 4526

Delta R.T. -0.04 min

Lab File: BG034786.D

Acq: 29 May 2018 20:53

Tot Ion: 276 Resp: 2073485

Ion Ratio Lower Upper

276 100

277 25.3 18.3 27.5

138 9.8 13.9 20.9#

