

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042617\  
 Data File : BM009729.D  
 Acq On : 26 Apr 2017 20:36  
 Operator : SJ/MA  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Apr 27 00:54:05 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 27 00:53:43 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 146140   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 664684   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.47 | 164  | 429403   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.22 | 188  | 1017956  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.40 | 240  | 1184107  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.71 | 264  | 846360   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 23879   | 7.52  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 300558  | 18.93 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 208455  | 19.25 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 202018  | 20.00 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.53  | 113 | 237753  | 19.21 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.99  | 128 | 103828  | 19.19 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.71  | 143 | 118847  | 20.88 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.24 | 165 | 230756  | 20.27 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.76 | 131 | 287438  | 20.96 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.88 | 166 | 721484  | 19.32 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.16 | 160 | 887755  | 19.71 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.67 | 143 | 130293  | 18.08 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.47 | 176 | 647995  | 19.22 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.60 | 200 | 127252  | 17.72 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.32 | 188 | 1025463 | 19.62 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.62 | 212 | 1121875 | 21.47 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.57 | 264 | 821160  | 19.95 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue |     |
|--------------------------------|-------|-----|--------|-------|--------|-----|
| 2) 1,4-Dioxane                 | 3.34  | 88  | 27131  | 6.93  | ng/uL# | 74  |
| 4) Benzaldehyde                | 6.97  | 77  | 151217 | 14.62 | ng/ul  | 89  |
| 6) Phenol                      | 7.02  | 94  | 306376 | 18.67 | ng/ul# | 65  |
| 8) Bis(2-Chloroethyl)ether     | 7.25  | 93  | 236578 | 19.20 | ng/ul# | 81  |
| 10) 2-Chlorophenol             | 7.39  | 128 | 204587 | 19.78 | ng/ul# | 75  |
| 11) 2-Methylphenol             | 8.26  | 108 | 219436 | 18.58 | ng/ul  | 93  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.36  | 45  | 393535 | 19.12 | ng/ul  | 97  |
| 14) Acetophenone               | 8.65  | 105 | 383068 | 18.82 | ng/ul# | 77  |
| 15) N-Nitroso-di-n-propylamine | 8.63  | 70  | 246695 | 19.51 | ng/ul# | 85  |
| 16) 4-Methylphenol             | 8.59  | 108 | 251713 | 19.26 | ng/ul  | 92  |
| 17) Hexachloroethane           | 8.89  | 117 | 97369  | 20.28 | ng/ul  | 94  |
| 20) Nitrobenzene               | 9.03  | 77  | 337937 | 19.23 | ng/ul# | 87  |
| 21) Isophorone                 | 9.55  | 82  | 591344 | 19.01 | ng/ul# | 94  |
| 23) 2-Nitrophenol              | 9.74  | 139 | 122865 | 19.82 | ng/ul# | 55  |
| 24) 2,4-Dimethylphenol         | 9.79  | 107 | 298062 | 19.34 | ng/ul  | 87  |
| 25) Bis(2-Chloroethoxy)methane | 10.03 | 93  | 354658 | 19.67 | ng/ul  | 98  |
| 27) 2,4-Dichlorophenol         | 10.27 | 162 | 221374 | 19.73 | ng/ul# | 92  |
| 28) Naphthalene                | 10.67 | 128 | 688202 | 19.44 | ng/ul  | 97  |
| 30) 4-Chloroaniline            | 10.79 | 127 | 282766 | 20.64 | ng/ul  | 100 |
| 31) Hexachlorobutadiene        | 10.94 | 225 | 152779 | 19.50 | ng/ul  | 94  |
| 32) Caprolactam                | 11.57 | 113 | 50299  | 11.87 | ng/ul# | 66  |
| 33) 4-Chloro-3-methylphenol    | 11.91 | 107 | 268257 | 19.19 | ng/ul# | 86  |
| 34) 2-Methylnaphthalene        | 12.29 | 142 | 524292 | 19.26 | ng/ul  | 95  |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042617\  
 Data File : BM009729.D  
 Acq On : 26 Apr 2017 20:36  
 Operator : SJ/MA  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

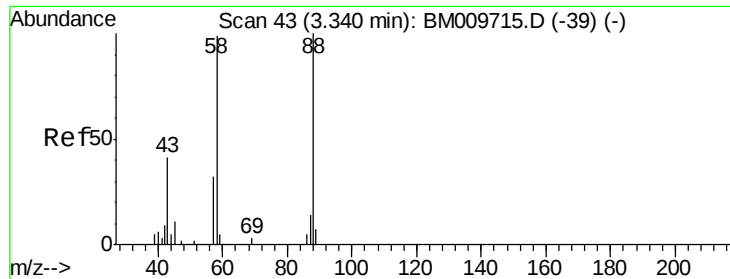
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Apr 27 00:54:05 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 27 00:53:43 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216  | 295876   | 20.32 | ng/ul  | 97       |
| 37) Hexachlorocyclopentadiene  | 12.62 | 237  | 137384   | 17.67 | ng/ul  | 97       |
| 38) 2,4,6-Trichlorophenol      | 12.90 | 196  | 197087   | 19.93 | ng/ul  | 95       |
| 39) 2,4,5-Trichlorophenol      | 12.97 | 196  | 210299   | 20.62 | ng/ul  | 93       |
| 40) 1,1'-Biphenyl              | 13.30 | 154  | 700974   | 19.85 | ng/ul  | 93       |
| 41) 2-Chloronaphthalene        | 13.35 | 162  | 552054   | 20.33 | ng/ul  | 95       |
| 42) 2-Nitroaniline             | 13.56 | 65   | 229325   | 19.82 | ng/ul# | 78       |
| 44) Dimethylphthalate          | 13.93 | 163  | 709209   | 19.19 | ng/ul  | 98       |
| 45) 2,6-Dinitrotoluene         | 14.06 | 165  | 145935   | 19.67 | ng/ul# | 74       |
| 47) Acenaphthylene             | 14.19 | 152  | 872141   | 19.63 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.39 | 138  | 143809   | 19.62 | ng/ul# | 80       |
| 49) Acenaphthene               | 14.53 | 153  | 584401   | 19.35 | ng/ul  | 97       |
| 50) 2,4-Dinitrophenol          | 14.60 | 184  | 83446    | 16.86 | ng/ul# | 79       |
| 52) 4-Nitrophenol              | 14.69 | 109  | 149547   | 18.11 | ng/ul# | 60       |
| 53) Dibenzofuran               | 14.87 | 168  | 858787   | 19.41 | ng/ul  | 91       |
| 54) 2,4-Dinitrotoluene         | 14.85 | 165  | 213746   | 19.11 | ng/ul# | 68       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.10 | 232  | 196906   | 19.91 | ng/ul  | 92       |
| 56) Diethylphthalate           | 15.29 | 149  | 745567   | 18.50 | ng/ul  | 97       |
| 58) Fluorene                   | 15.52 | 166  | 717157   | 18.99 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.52 | 204  | 371213   | 18.97 | ng/ul# | 89       |
| 60) 4-Nitroaniline             | 15.56 | 138  | 138007   | 16.13 | ng/ul# | 35       |
| 63) 4,6-Dinitro-2-methylphenol | 15.61 | 198  | 133625   | 18.04 | ng/ul  | 89       |
| 64) N-Nitrosodiphenylamine     | 15.73 | 169  | 612727   | 19.62 | ng/ul  | 98       |
| 65) 4-Bromophenyl-phenylether  | 16.41 | 248  | 229174   | 19.71 | ng/ul# | 87       |
| 66) Hexachlorobenzene          | 16.52 | 284  | 253468   | 19.92 | ng/ul  | 94       |
| 67) Atrazine                   | 16.68 | 200  | 235918   | 18.83 | ng/ul  | 94       |
| 68) Pentachlorophenol          | 16.87 | 266  | 144764   | 18.46 | ng/ul  | 83       |
| 69) Phenanthrene               | 17.27 | 178  | 1120058  | 19.14 | ng/ul  | 97       |
| 71) Anthracene                 | 17.36 | 178  | 1184538  | 19.35 | ng/ul  | 94       |
| 72) Carbazole                  | 17.63 | 167  | 1017696  | 18.47 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.17 | 149  | 1288990  | 19.21 | ng/ul  | 97       |
| 74) Fluoranthene               | 19.28 | 202  | 1356212  | 18.38 | ng/ul# | 92       |
| 77) Pyrene                     | 19.64 | 202  | 1426988  | 21.34 | ng/ul# | 90       |
| 78) Butylbenzylphthalate       | 20.53 | 149  | 600480   | 21.65 | ng/ul  | 87       |
| 79) 3,3'-Dichlorobenzidine     | 21.32 | 252  | 420190   | 19.19 | ng/ul  | 99       |
| 80) Benzo(a)anthracene         | 21.39 | 228  | 1351711  | 19.25 | ng/ul  | 98       |
| 81) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 877467   | 20.88 | ng/ul  | 100      |
| 82) Chrysene                   | 21.44 | 228  | 1225441  | 19.39 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.19 | 149  | 1396603  | 22.59 | ng/ul# | 93       |
| 85) Benzo(b)fluoranthene       | 23.01 | 252  | 1156800  | 21.05 | ng/ul# | 97       |
| 86) Benzo(k)fluoranthene       | 23.06 | 252  | 1064023  | 21.14 | ng/ul# | 97       |
| 88) Benzo(a)pyrene             | 23.61 | 252  | 999939   | 19.56 | ng/ul# | 96       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.07 | 276  | 967529   | 17.48 | ng/ul# | 89       |
| 90) Dibenzo(a,h)anthracene     | 26.07 | 278  | 829709   | 17.60 | ng/ul# | 95       |
| 91) Benzo(g,h,i)perylene       | 26.79 | 276  | 785517   | 17.65 | ng/ul# | 93       |

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





#2

1,4-Dioxane

Concen: 6.93 ng/uL

RT: 3.34 min Scan# 43

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampled :

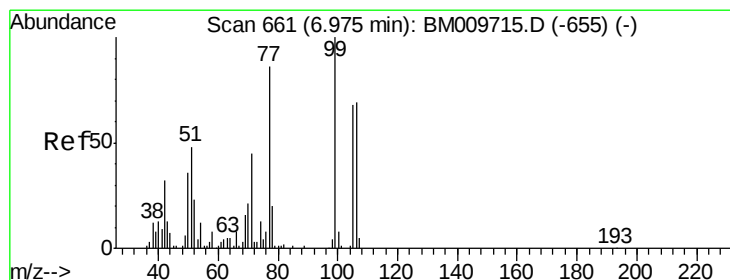
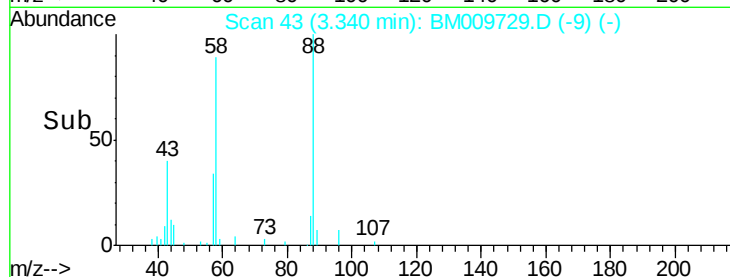
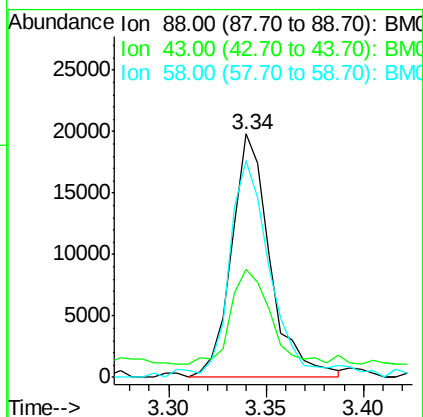
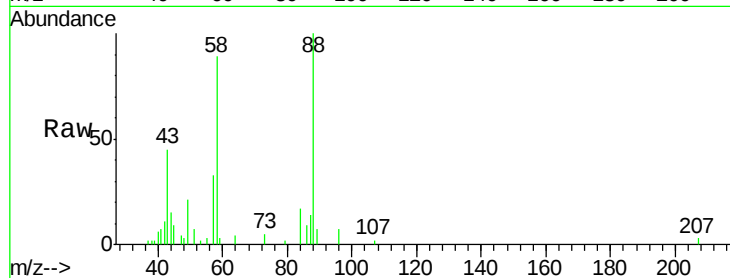
Tot Ion: 88 Resp: 27131

Ion Ratio Lower Upper

88 100

43 40.2 59.0 88.4#

58 91.1 87.4 131.2



#4

Benzaldehyde

Concen: 14.62 ng/uL

RT: 6.97 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

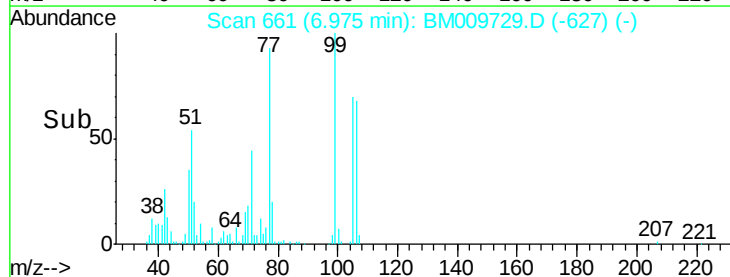
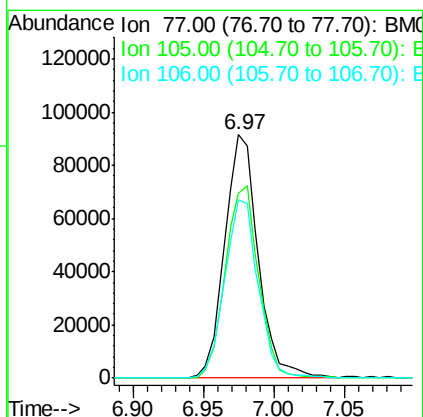
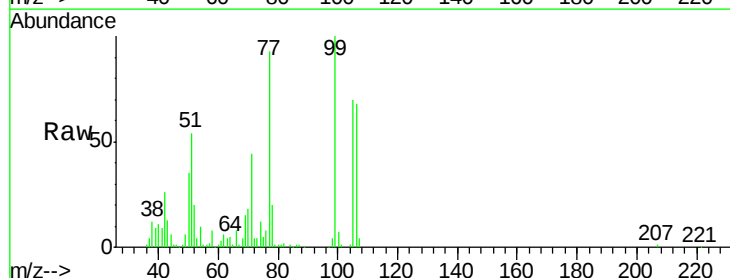
Tgt Ion: 77 Resp: 151217

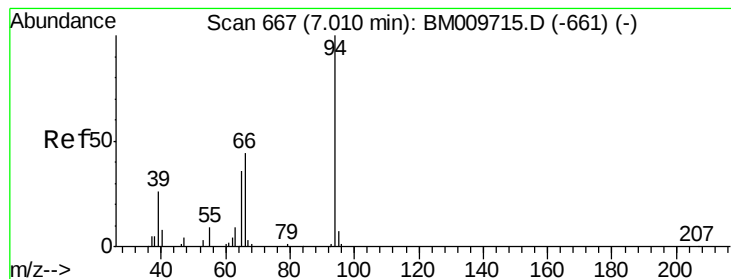
Ion Ratio Lower Upper

77 100

105 75.7 54.8 82.2

106 73.0 50.2 75.4





#6

Phenol

Concen: 18.67 ng/ul

RT: 7.02 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

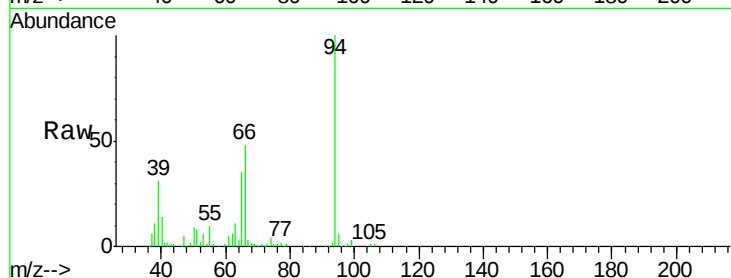
Tot Ion: 94 Resp: 306376

Ion Ratio Lower Upper

94 100

65 34.6 39.8 59.6#

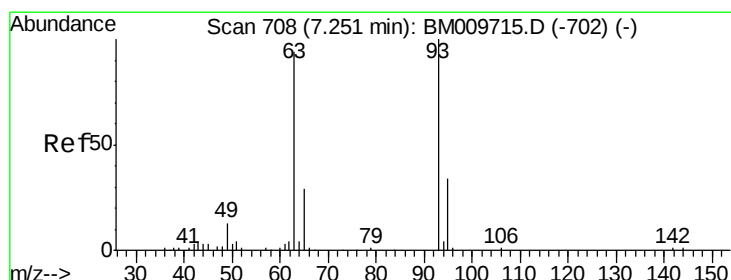
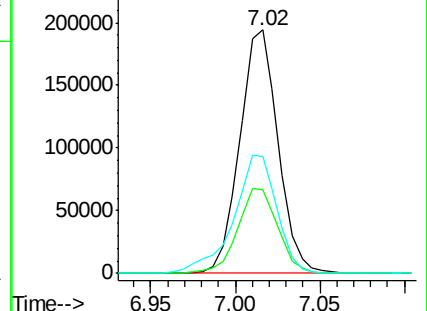
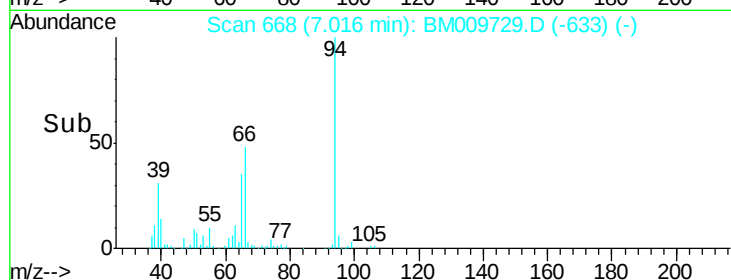
66 47.8 69.9 104.9#



Abundance Ion 94.00 (93.70 to 94.70): BM009715.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM009715.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM009715.D (-661) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.20 ng/ul

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

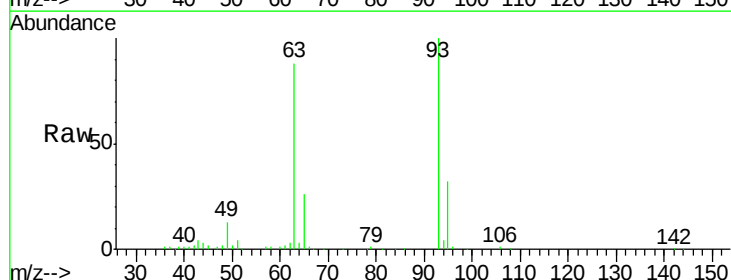
Tgt Ion: 93 Resp: 236578

Ion Ratio Lower Upper

93 100

63 88.5 92.0 138.0#

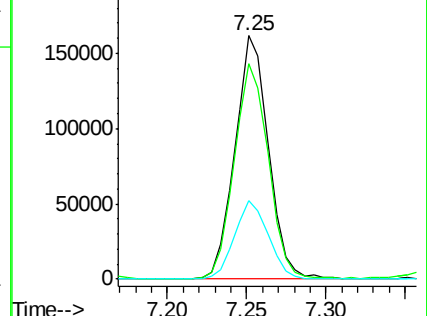
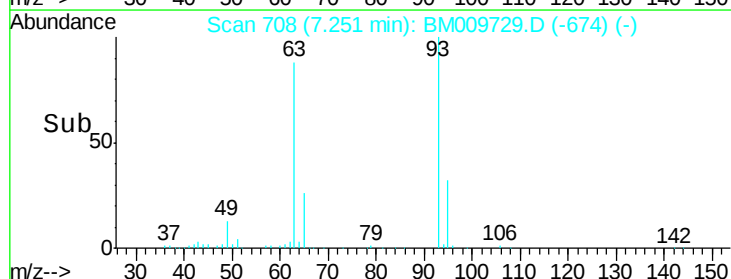
95 32.4 26.7 40.1

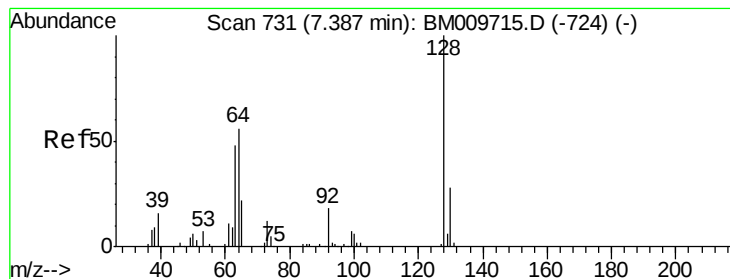


Abundance Ion 93.00 (92.70 to 93.70): BM009715.D (-702) (-)

Ion 63.00 (62.70 to 63.70): BM009715.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BM009715.D (-702) (-)





#10

2-Chlorophenol

Concen: 19.78 ng/ul

RT: 7.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

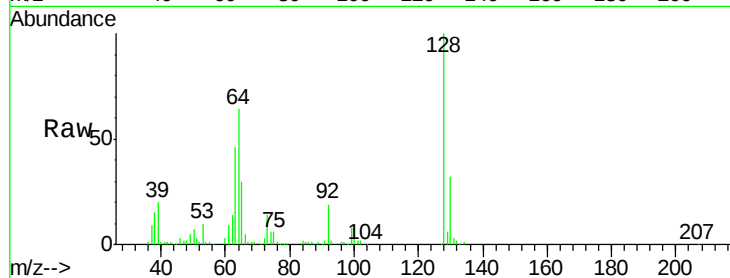
Tot Ion:128 Resp: 204587

Ion Ratio Lower Upper

128 100

64 63.6 76.6 115.0#

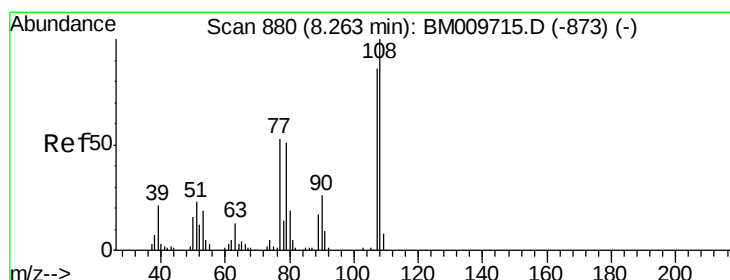
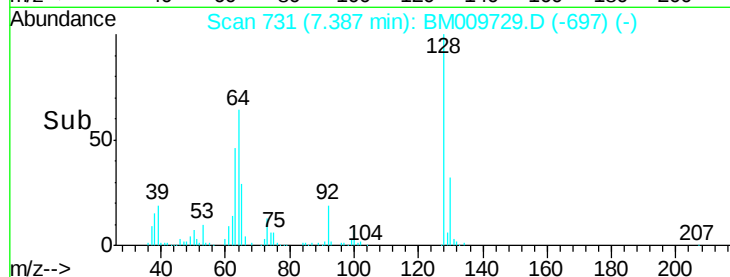
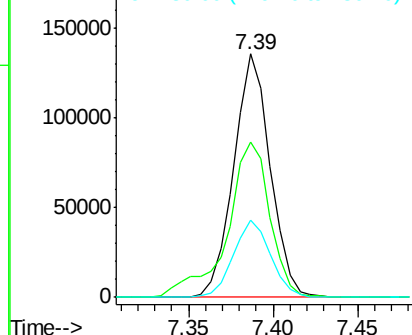
130 31.9 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.58 ng/ul

RT: 8.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM009729.D

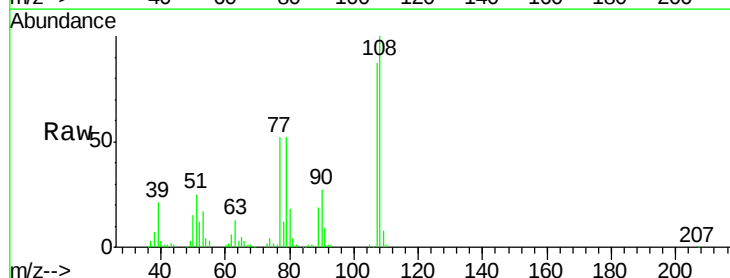
Acq: 26 Apr 2017 20:36

Tgt Ion:108 Resp: 219436

Ion Ratio Lower Upper

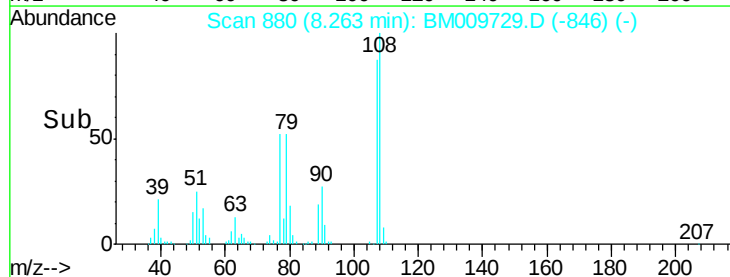
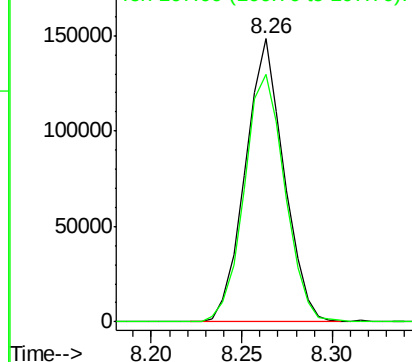
108 100

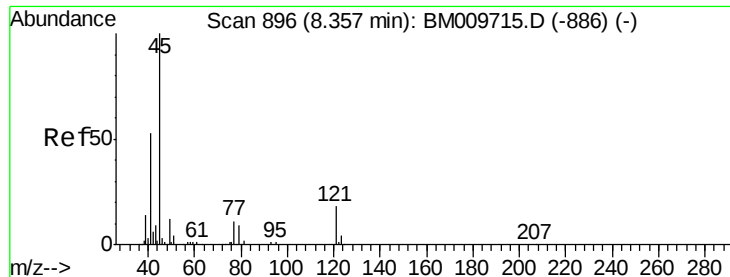
107 87.5 75.1 112.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

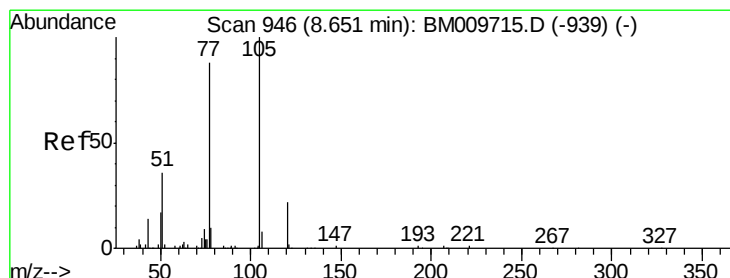
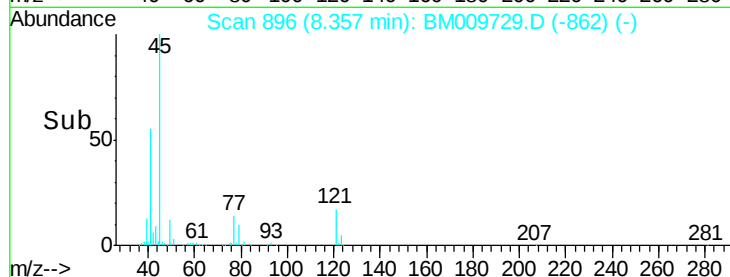
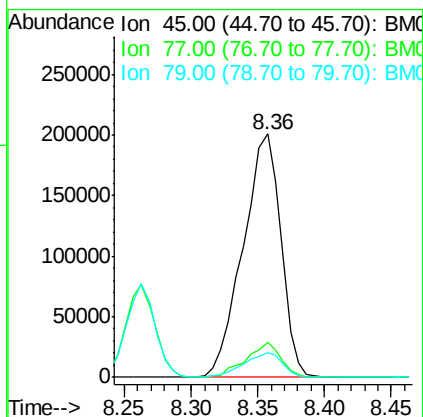
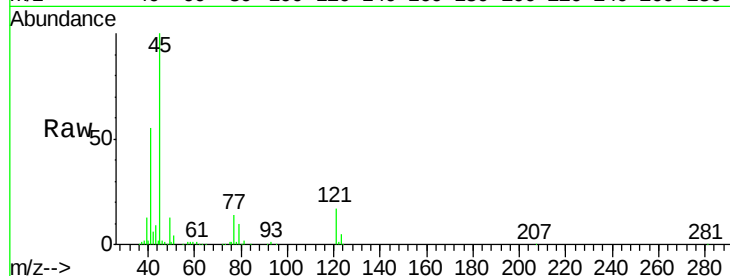




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.12 ng/ul  
RT: 8.36 min Scan# 896  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

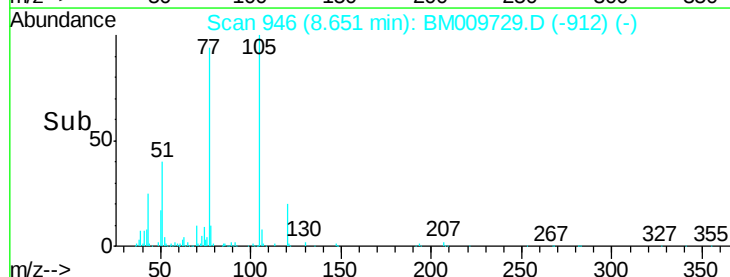
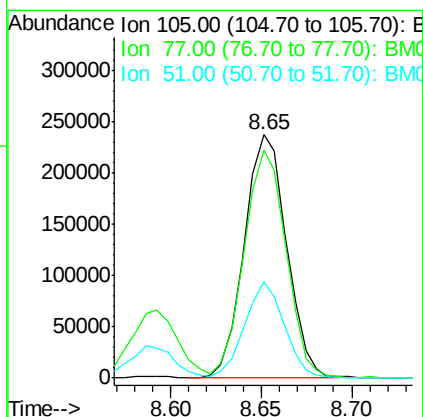
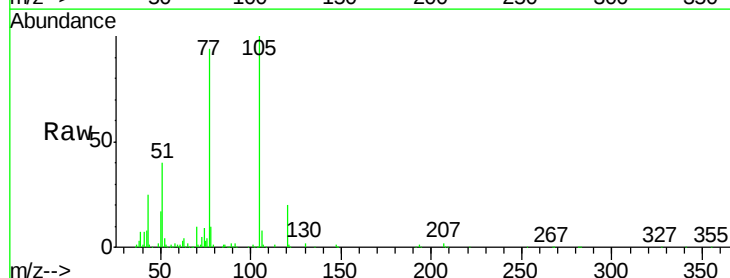
Instrument :  
BNA\_M  
ClientSampled :

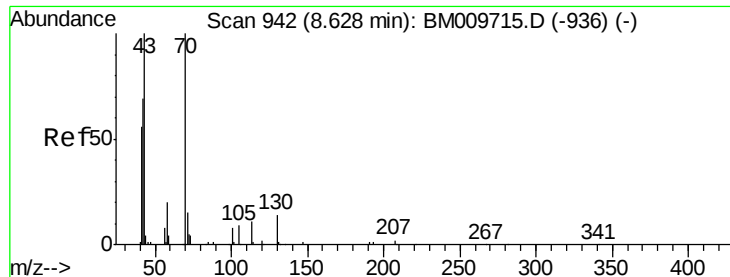
| Tot Ion   | 45   | Resp | 393535 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 11.9 |      |        |
| Upper     | 17.9 |      |        |
| 77        | 14.4 |      |        |
| 79        | 10.2 |      |        |
|           | 9.7  |      |        |
|           | 14.5 |      |        |



#14  
Acetophenone  
Concen: 18.82 ng/ul  
RT: 8.65 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

| Tgt Ion   | 105   | Resp | 383068 |
|-----------|-------|------|--------|
| Ion Ratio | 100   |      |        |
| Lower     | 91.7  |      |        |
| Upper     | 137.5 |      |        |
| 77        | 94.0  |      |        |
| 51        | 39.7  |      |        |
|           | 50.8  |      |        |
|           | 76.2  |      |        |





#15

N-Nitroso-di-n-propylamine

Concen: 19.51 ng/ul

RT: 8.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 246695

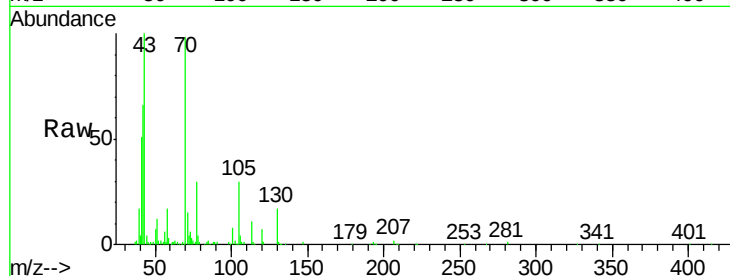
Ion Ratio Lower Upper

70 100

42 66.8 64.2 96.2

101 8.3 5.1 7.7#

130 17.0 8.3 12.5#

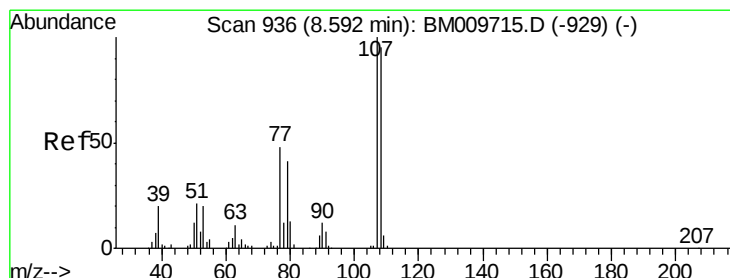
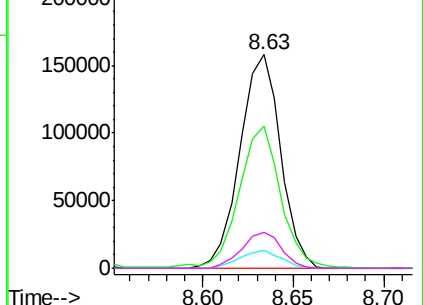
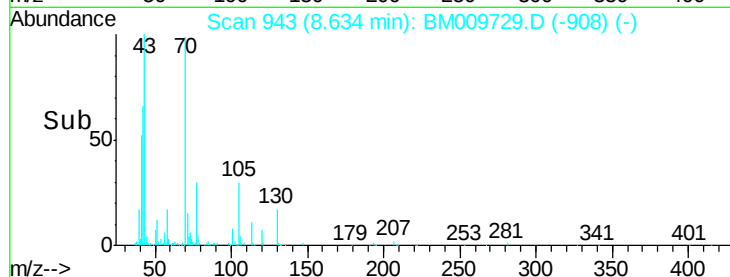


Abundance Ion 70.00 (69.70 to 70.70): BM009729.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM009729.D (-908) (-)

Ion 101.00 (100.70 to 101.70): BM009729.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM009729.D (-908) (-)



#16

4-Methylphenol

Concen: 19.26 ng/ul

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM009729.D

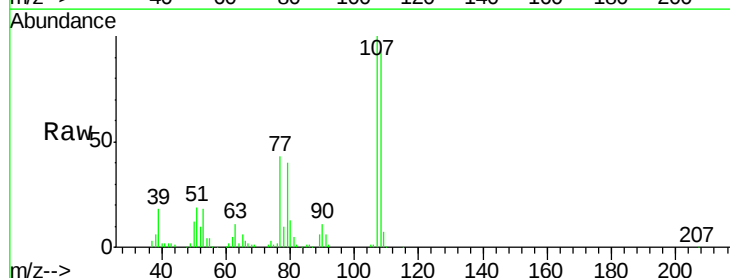
Acq: 26 Apr 2017 20:36

Tgt Ion: 108 Resp: 251713

Ion Ratio Lower Upper

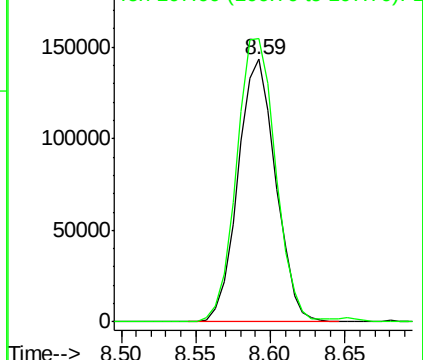
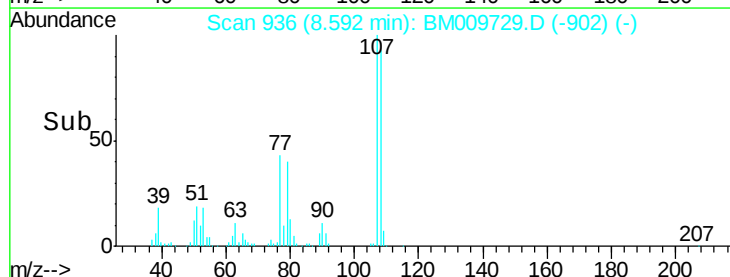
108 100

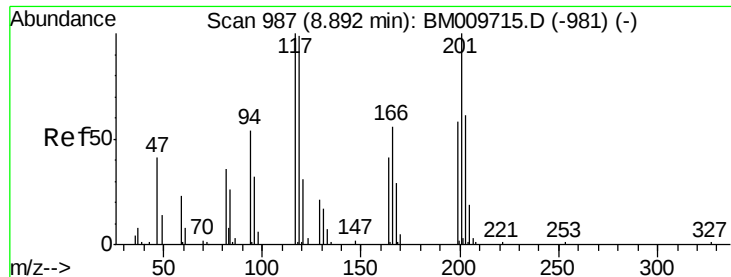
107 107.9 93.1 139.7



Abundance Ion 108.00 (107.70 to 108.70): BM009729.D (-902) (-)

Ion 107.00 (106.70 to 107.70): BM009729.D (-902) (-)





#17

Hexachloroethane

Concen: 20.28 ng/ul

RT: 8.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

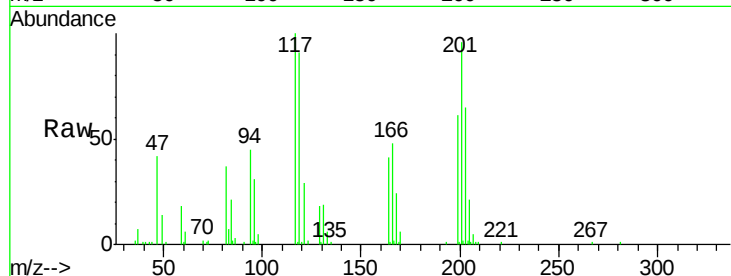
Tot Ion:117 Resp: 97369

Ion Ratio Lower Upper

117 100

201 96.3 71.0 106.6

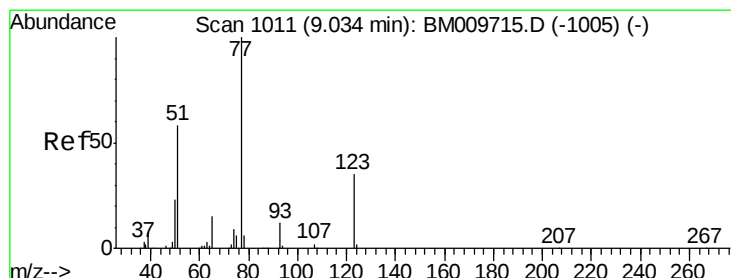
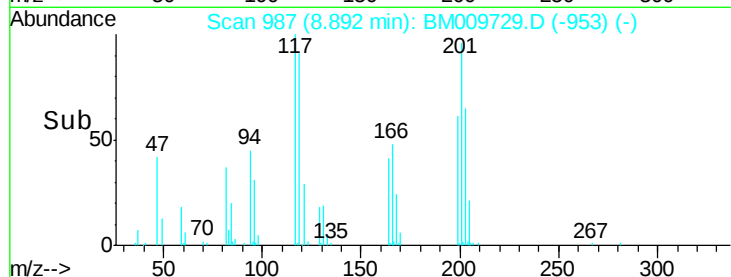
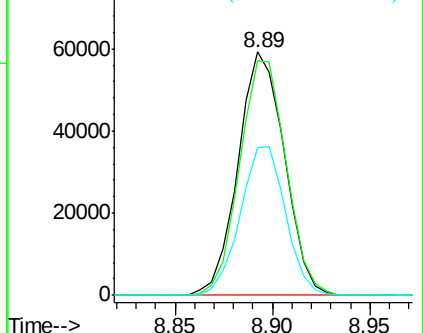
199 62.2 47.8 71.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.23 ng/ul

RT: 9.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

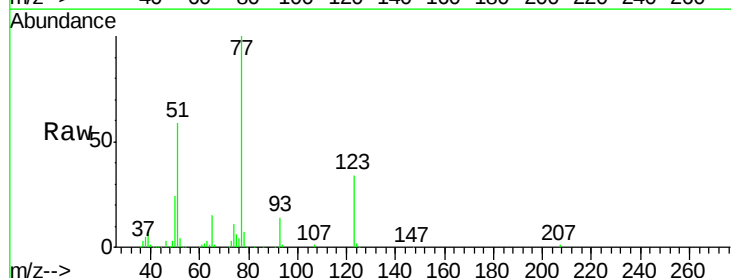
Tgt Ion: 77 Resp: 337937

Ion Ratio Lower Upper

77 100

123 34.3 20.8 31.2#

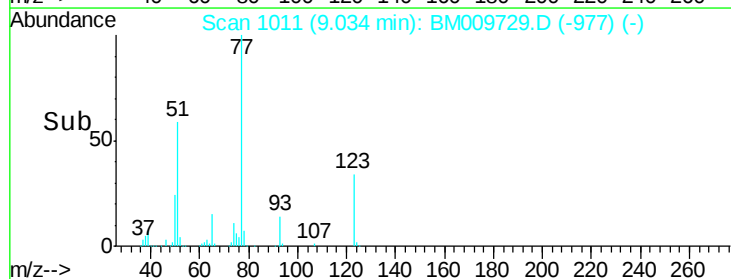
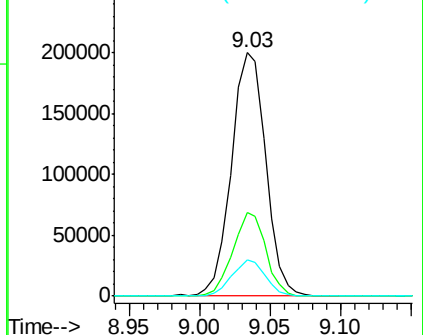
65 15.1 14.7 22.1

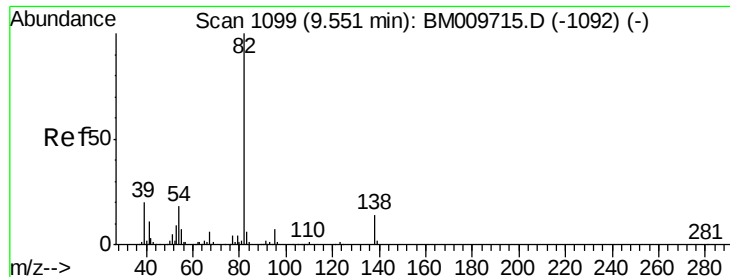


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM

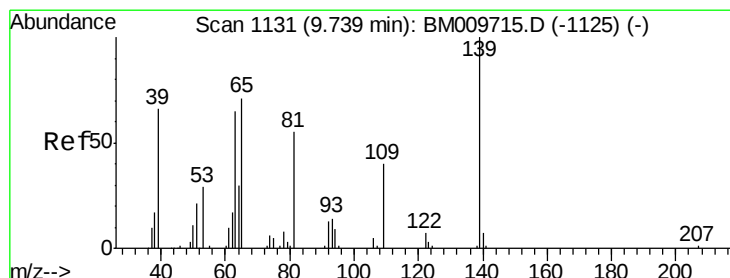
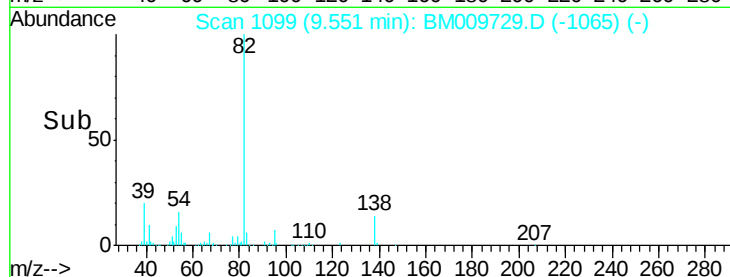
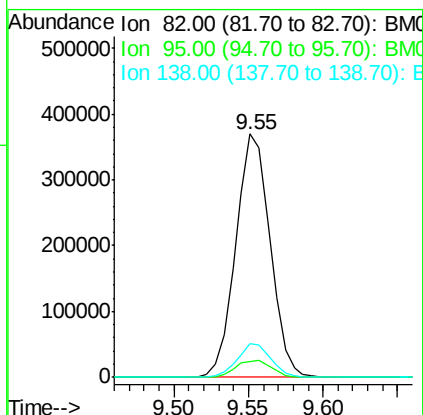
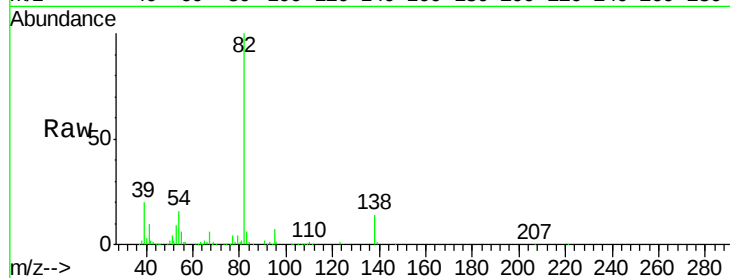




#21  
Isophorone  
Concen: 19.01 ng/ul  
RT: 9.55 min Scan# 1099  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

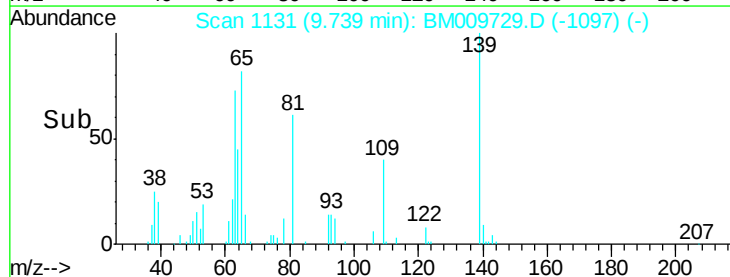
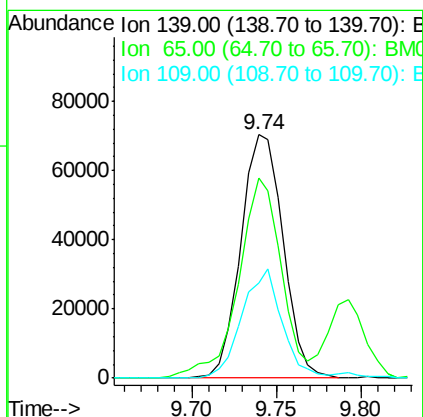
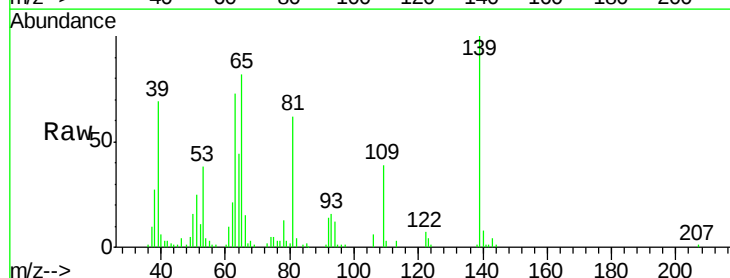
Instrument :  
BNA\_M  
ClientSampleId :

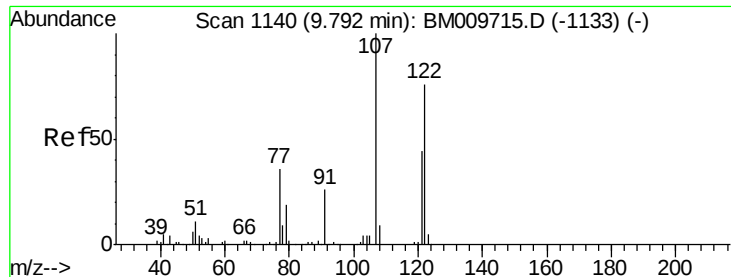
Tot Ion: 82 Resp: 591344  
Ion Ratio Lower Upper  
82 100  
95 6.6 7.7 11.5#  
138 13.7 9.4 14.0



#23  
2-Nitrophenol  
Concen: 19.82 ng/ul  
RT: 9.74 min Scan# 1131  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

Tgt Ion: 139 Resp: 122865  
Ion Ratio Lower Upper  
139 100  
65 82.1 102.7 154.1#  
109 39.2 71.1 106.7#





#24

2,4-Dimethylphenol

Concen: 19.34 ng/ul

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

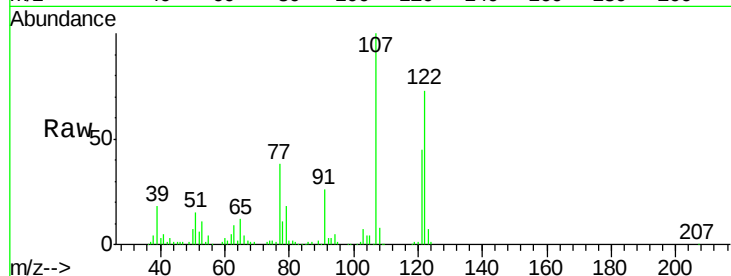
Tot Ion:107 Resp: 298062

Ion Ratio Lower Upper

107 100

121 44.7 30.0 45.0

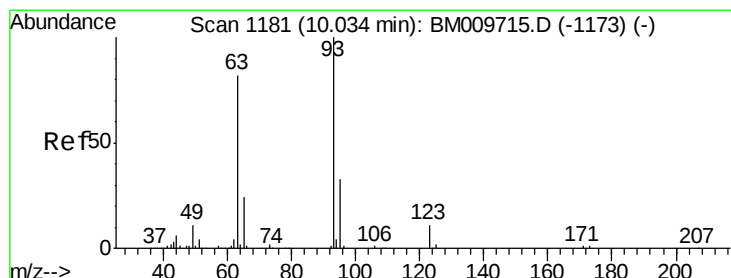
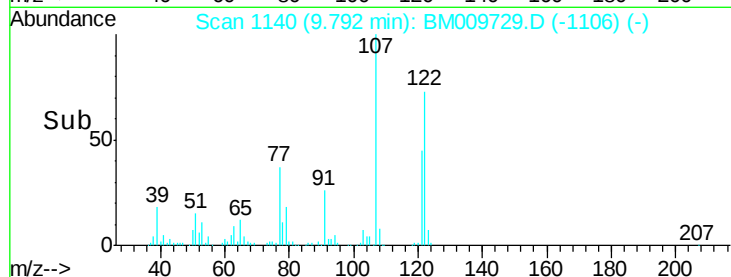
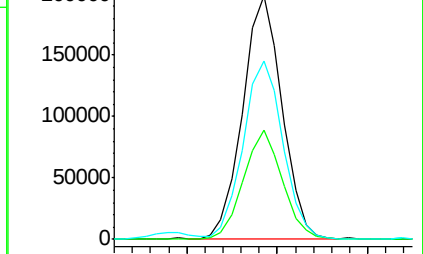
122 73.0 50.2 75.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.67 ng/ul

RT: 10.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

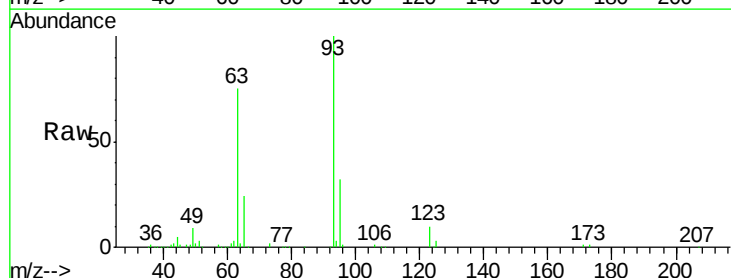
Tgt Ion: 93 Resp: 354658

Ion Ratio Lower Upper

93 100

95 32.3 27.0 40.6

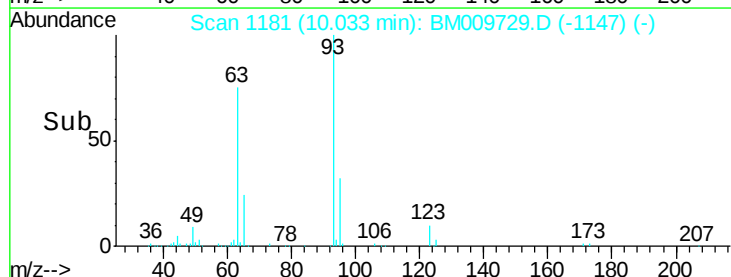
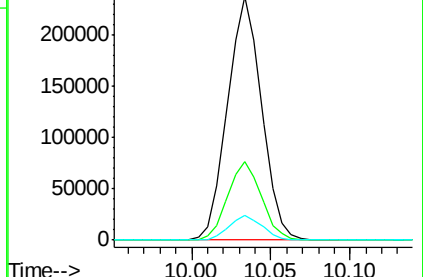
123 9.9 7.5 11.3

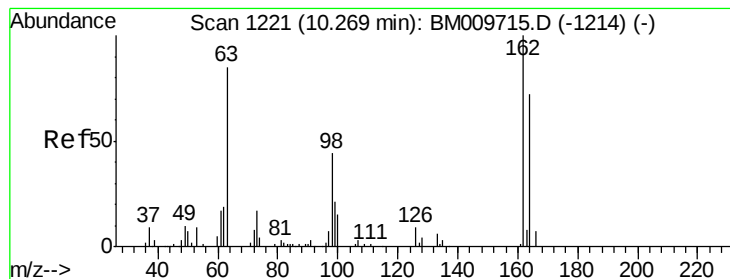


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.73 ng/ul

RT: 10.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

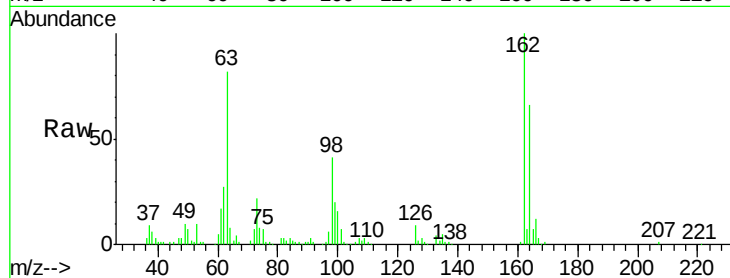
Tot Ion:162 Resp: 221374

Ion Ratio Lower Upper

162 100

164 66.0 52.9 79.3

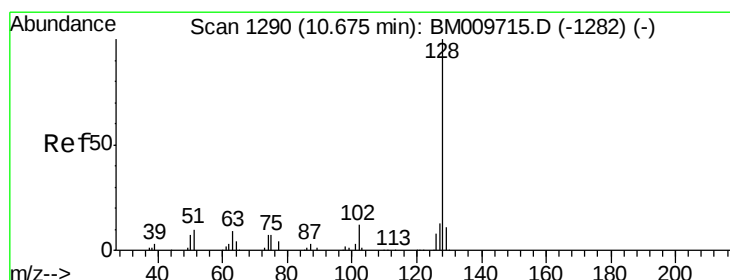
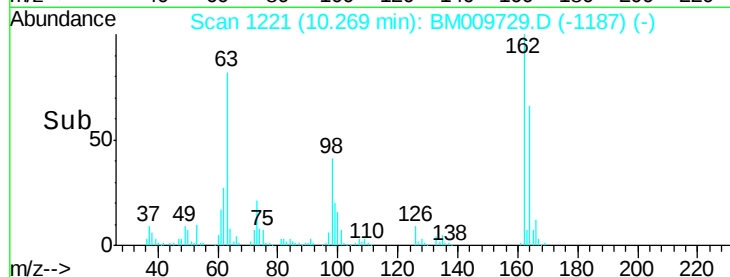
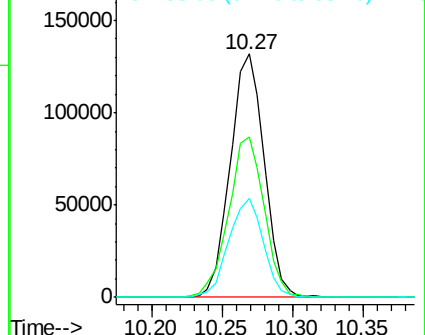
98 40.7 42.0 63.0#



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): BMC



#28

Naphthalene

Concen: 19.44 ng/ul

RT: 10.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

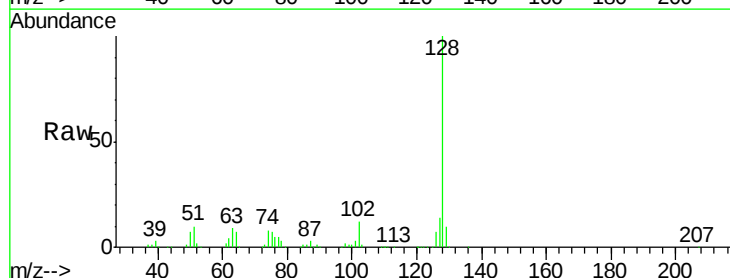
Tgt Ion:128 Resp: 688202

Ion Ratio Lower Upper

128 100

129 10.2 9.7 14.5

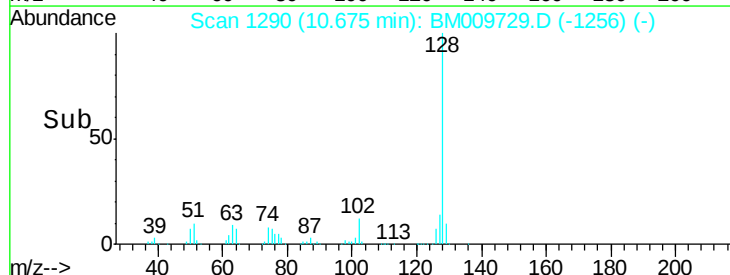
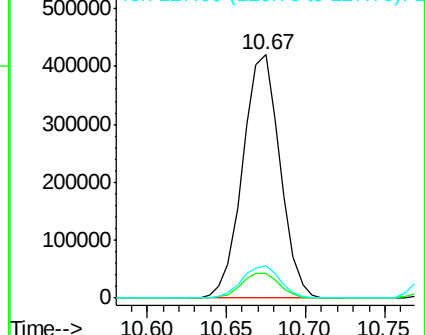
127 13.5 10.2 15.4

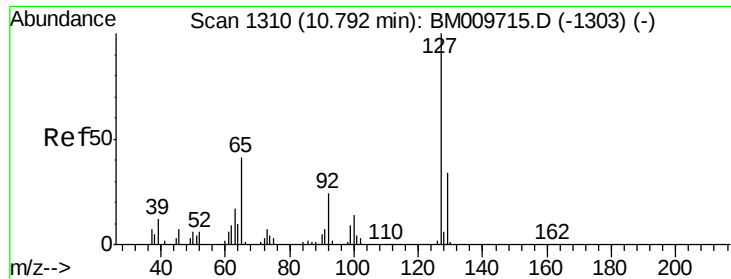


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

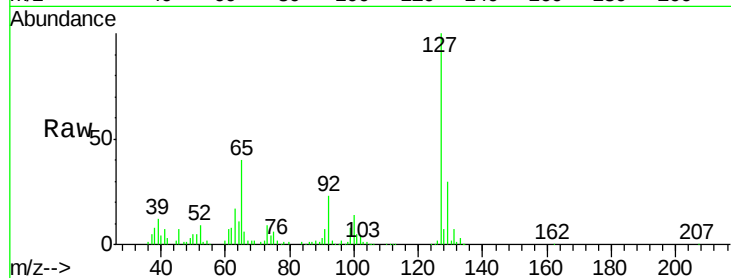




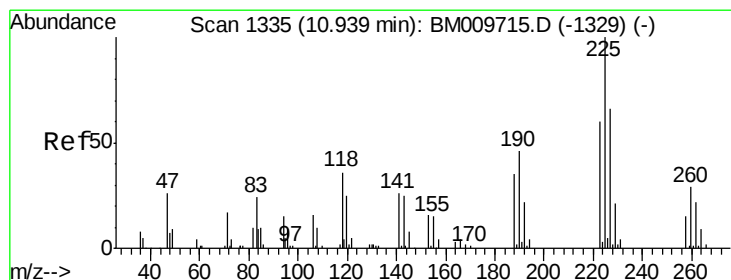
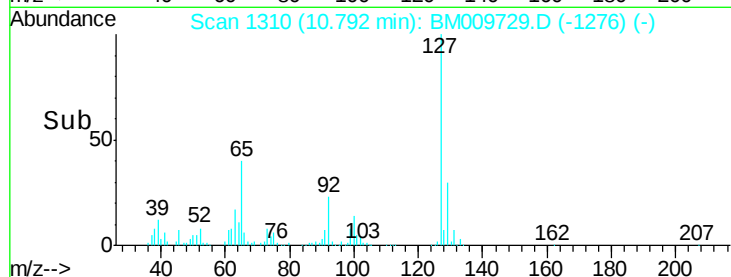
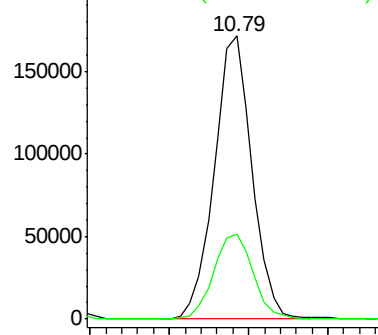
#30  
4-Chloroaniline  
Concen: 20.64 ng/ul  
RT: 10.79 min Scan# 1310  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:127 Resp: 282766  
Ion Ratio Lower Upper  
127 100  
129 29.8 23.9 35.9

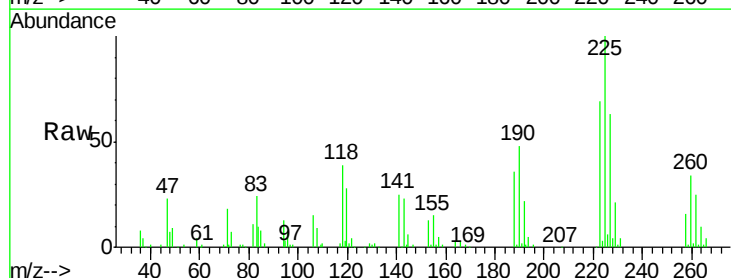


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

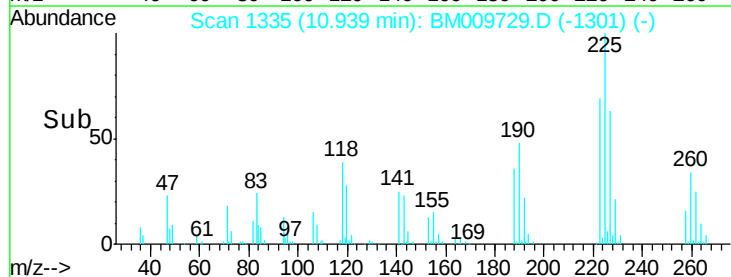
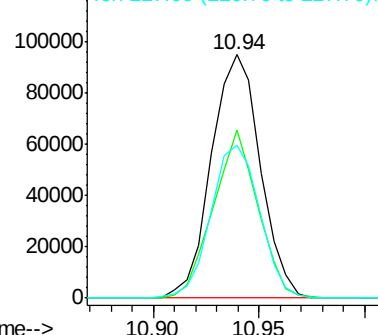


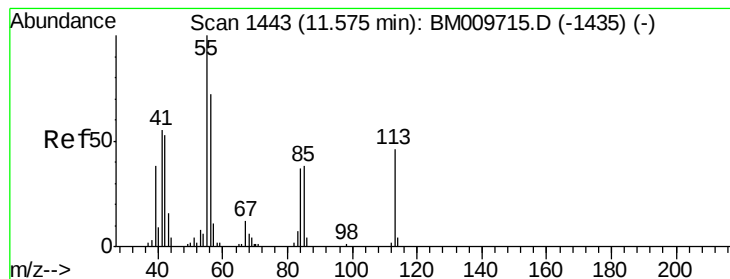
#31  
Hexachlorobutadiene  
Concen: 19.50 ng/ul  
RT: 10.94 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

Tgt Ion:225 Resp: 152779  
Ion Ratio Lower Upper  
225 100  
223 69.2 50.4 75.6  
227 66.8 51.0 76.4



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





#32

Caprolactam

Concen: 11.87 ng/ul

RT: 11.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

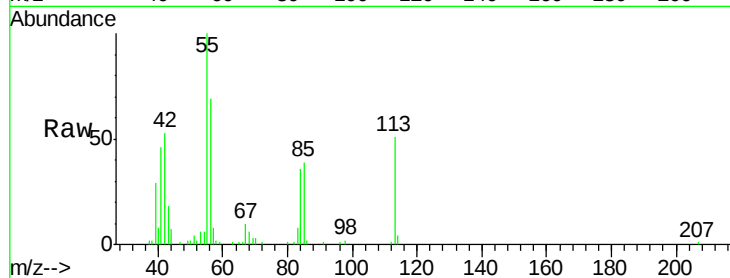
Tot Ion:113 Resp: 50299

Ion Ratio Lower Upper

113 100

55 197.7 189.3 283.9

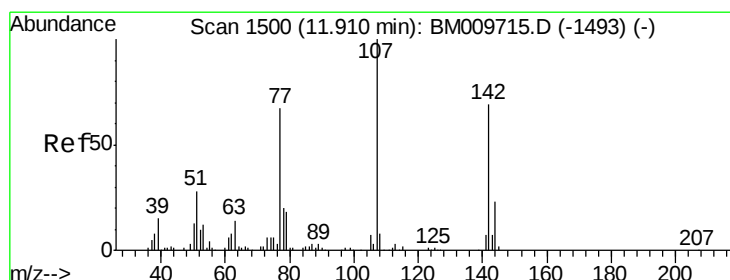
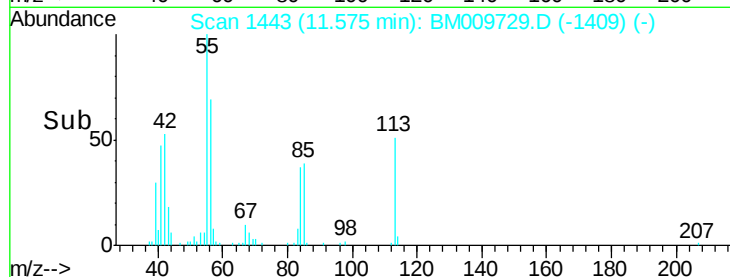
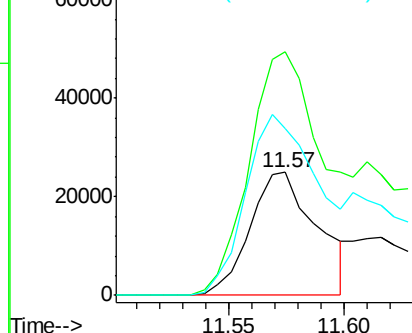
56 135.5 165.8 248.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.19 ng/ul

RT: 11.91 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

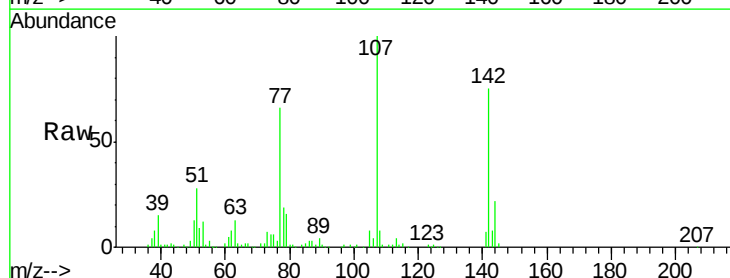
Tgt Ion:107 Resp: 268257

Ion Ratio Lower Upper

107 100

144 22.1 14.4 21.6#

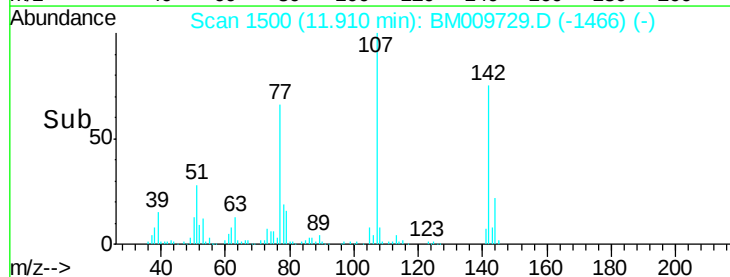
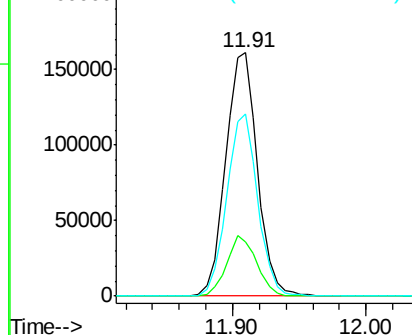
142 74.9 50.7 76.1

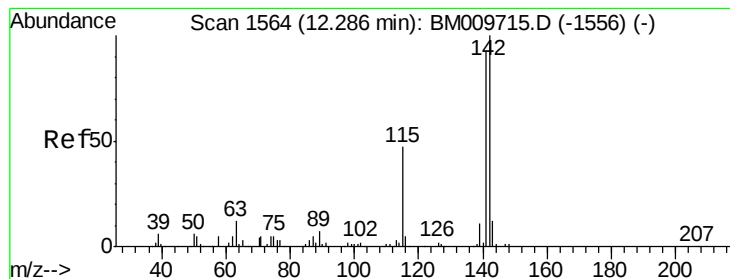


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.26 ng/ul

RT: 12.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

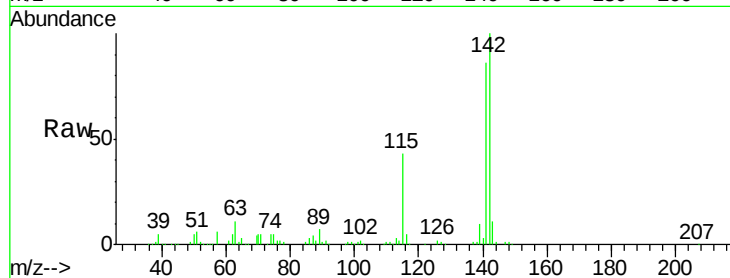
ClientSampleId :

Tot Ion:142 Resp: 524292

Ion Ratio Lower Upper

142 100

141 86.4 72.6 109.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.29

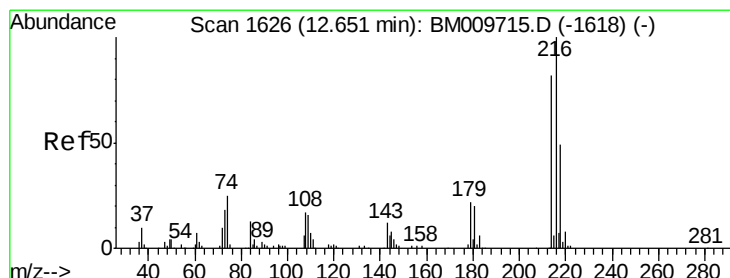
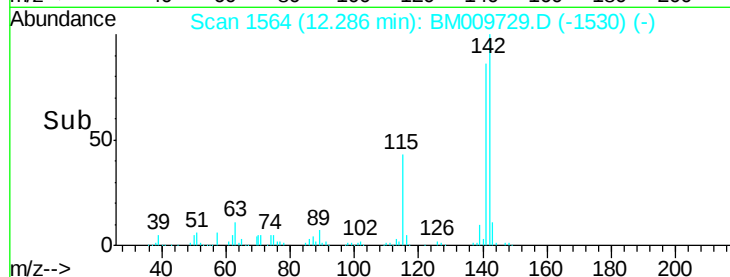
300000

200000

100000

0

Time--> 12.20 12.25 12.30 12.35



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.32 ng/ul

RT: 12.65 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Tgt Ion:216 Resp: 295876

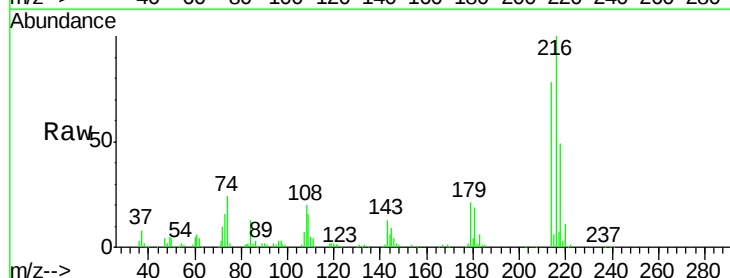
Ion Ratio Lower Upper

216 100

214 77.9 61.1 91.7

179 20.7 17.7 26.5

108 19.7 19.4 29.2



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

12.65

300000

250000

200000

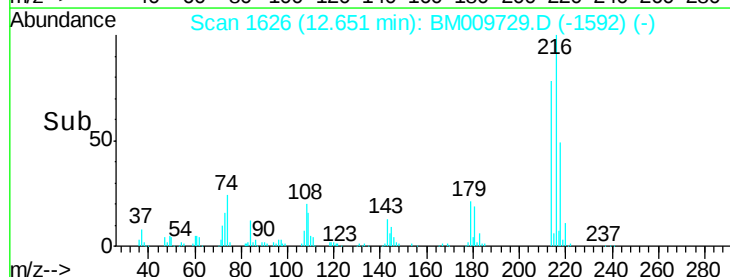
150000

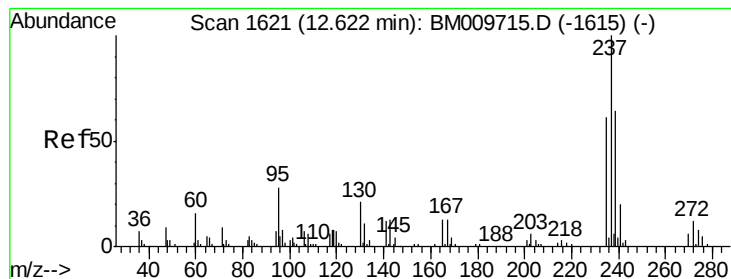
100000

50000

0

Time--> 12.60 12.65 12.70





#37

Hexachlorocyclopentadiene

Concen: 17.67 ng/ul

RT: 12.62 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

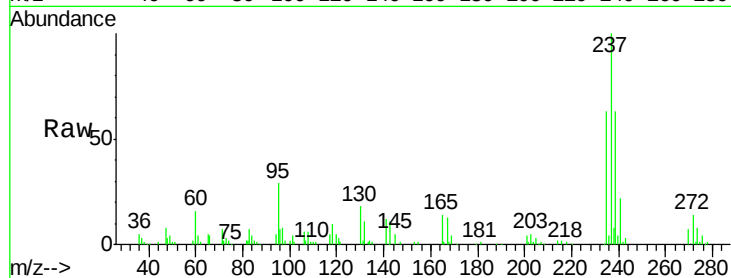
Tot Ion:237 Resp: 137384

Ion Ratio Lower Upper

237 100

235 63.1 49.0 73.6

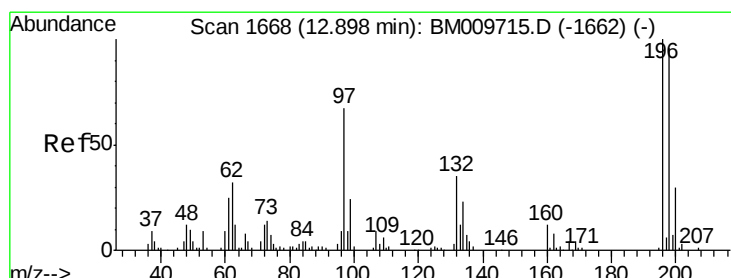
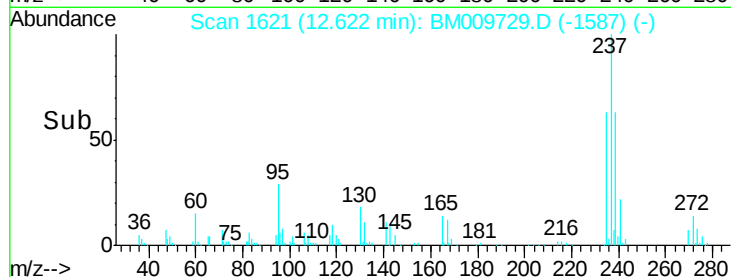
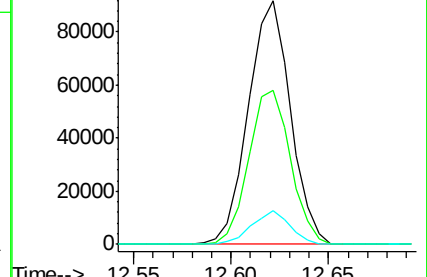
272 13.8 9.8 14.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 19.93 ng/ul

RT: 12.90 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

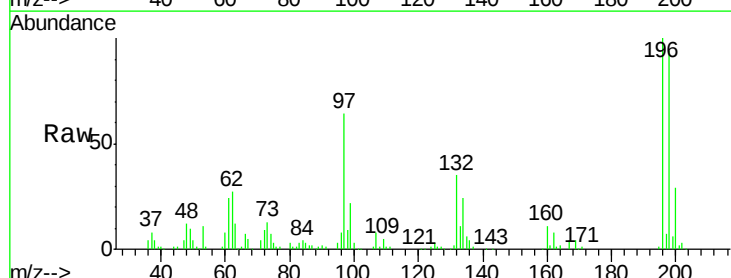
Tgt Ion:196 Resp: 197087

Ion Ratio Lower Upper

196 100

198 93.8 70.2 105.2

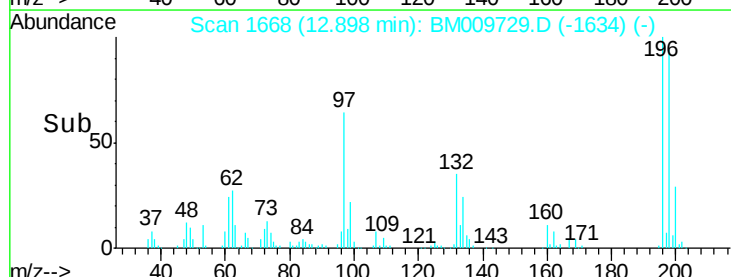
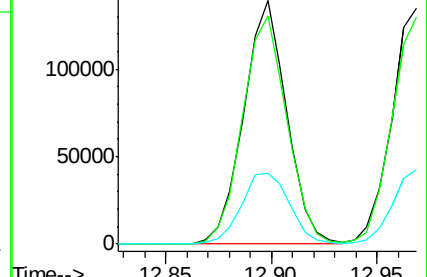
200 29.3 23.8 35.6

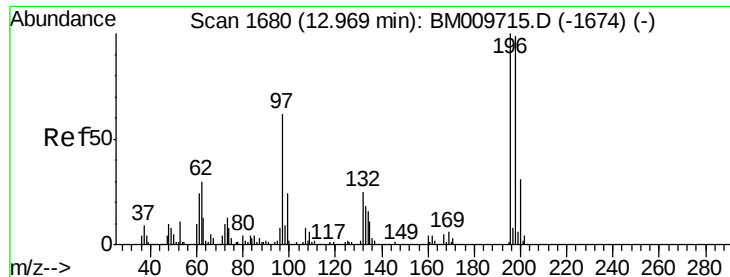


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

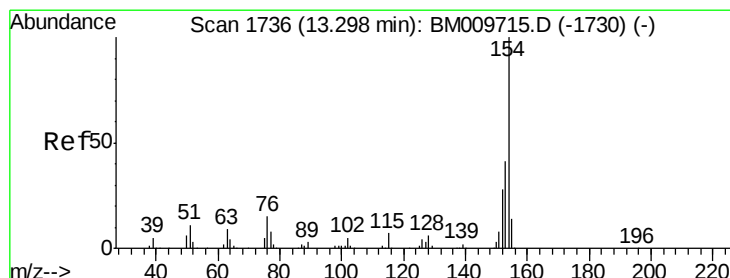
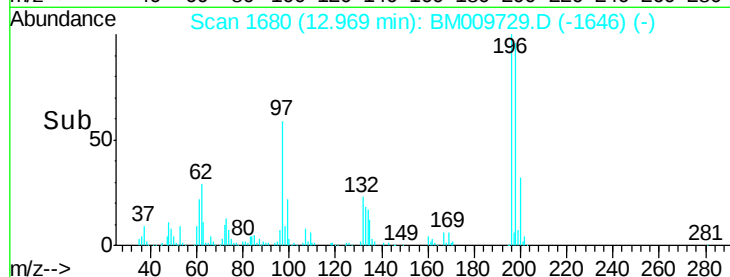
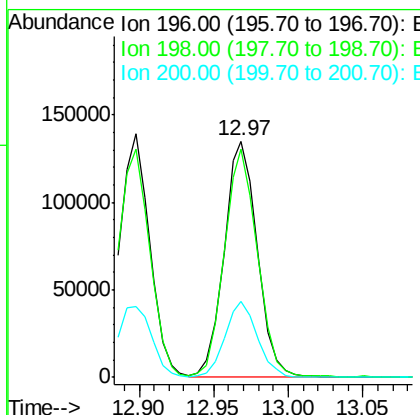
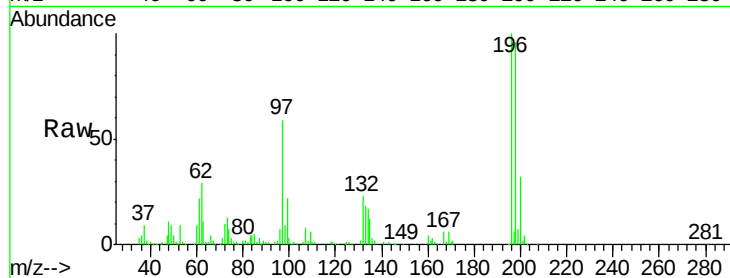




#39  
 2,4,5-Trichlorophenol  
 Concen: 20.62 ng/ul  
 RT: 12.97 min Scan# 1680  
 Delta R.T. -0.00 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

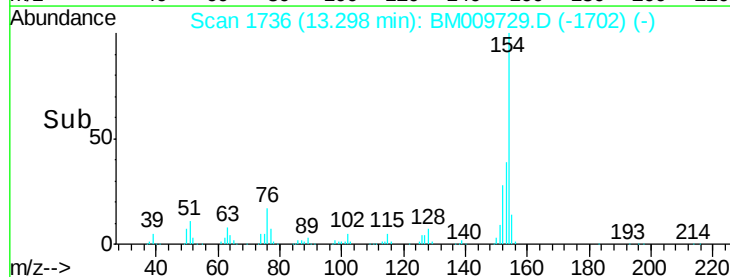
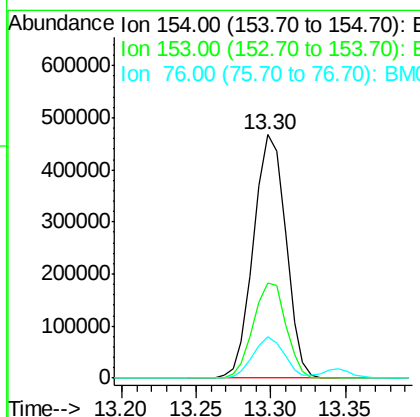
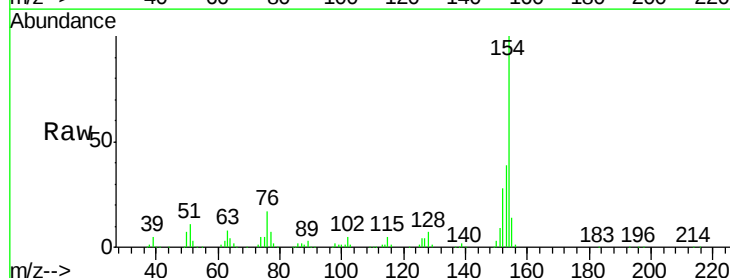
Instrument :  
 BNA\_M  
 ClientSampled :

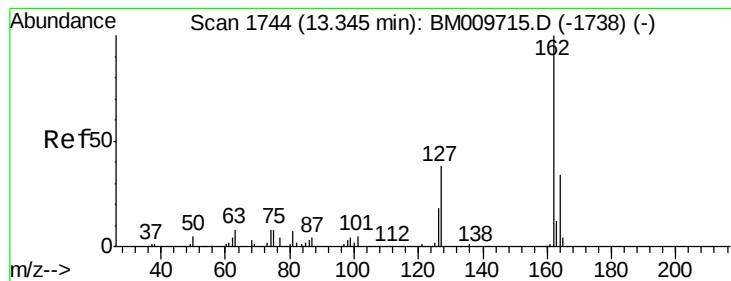
| Tot Ion | 196   | Resp  | 210299 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 196     | 100   |       |        |
| 198     | 96.4  | 72.2  | 108.4  |
| 200     | 31.9  | 22.5  | 33.7   |



#40  
 1,1'-Biphenyl  
 Concen: 19.85 ng/ul  
 RT: 13.30 min Scan# 1736  
 Delta R.T. -0.00 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

| Tgt Ion | 154   | Resp  | 700974 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 154     | 100   |       |        |
| 153     | 39.3  | 35.7  | 53.5   |
| 76      | 16.8  | 12.4  | 18.6   |

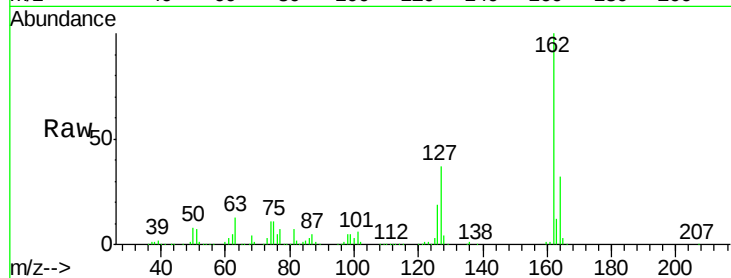




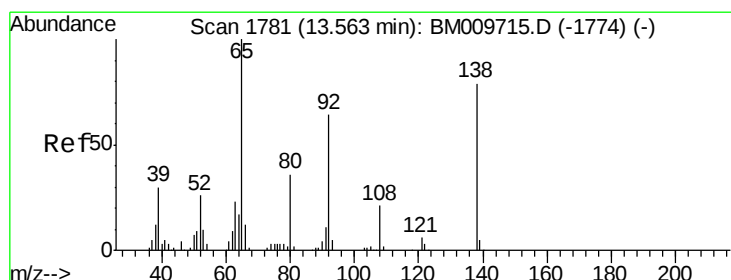
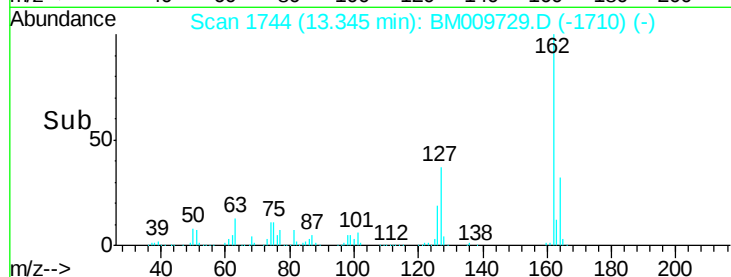
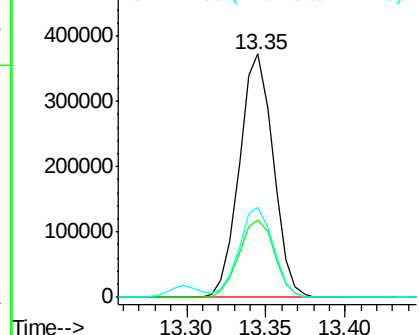
#41  
 2-Chloronaphthalene  
 Concen: 20.33 ng/ul  
 RT: 13.35 min Scan# 1744  
 Delta R.T. -0.00 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 31.6  | 25.0  | 37.4  |
| 127     | 36.8  | 33.7  | 50.5  |

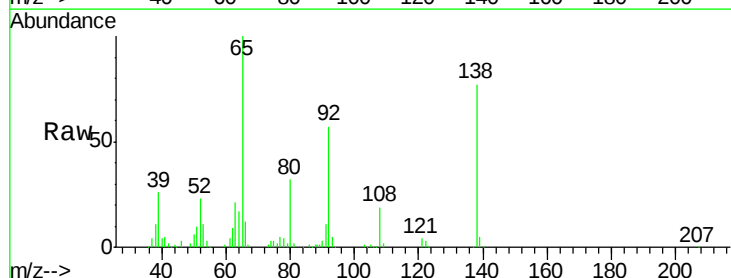


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 127.00 (126.70 to 127.70): E

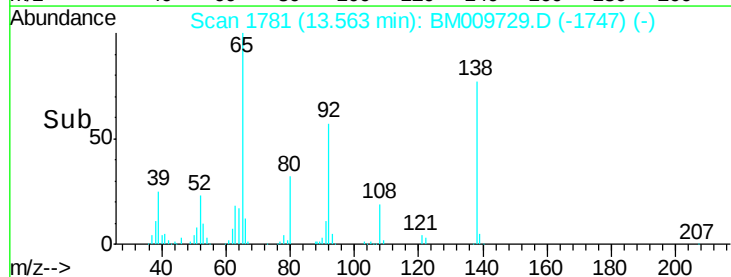
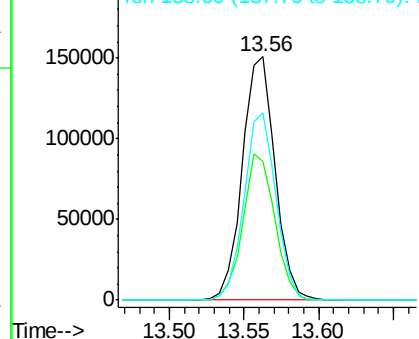


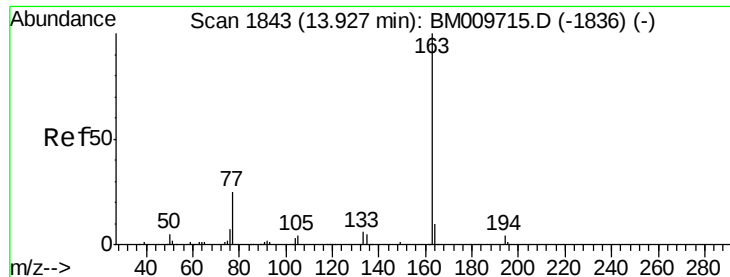
#42  
 2-Nitroaniline  
 Concen: 19.82 ng/ul  
 RT: 13.56 min Scan# 1781  
 Delta R.T. -0.00 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 57.2  | 41.6  | 62.4  |
| 138     | 77.2  | 40.9  | 61.3  |



Abundance Ion 65.00 (64.70 to 65.70): BM0  
 Ion 92.00 (91.70 to 92.70): BM0  
 Ion 138.00 (137.70 to 138.70): E

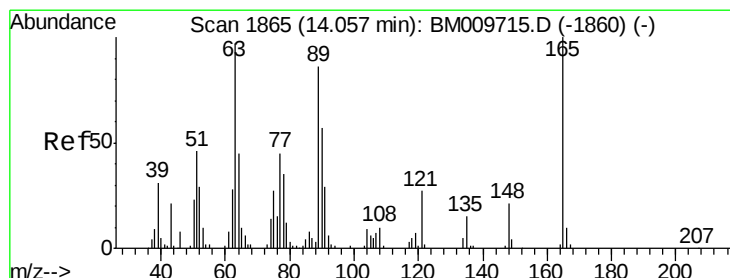
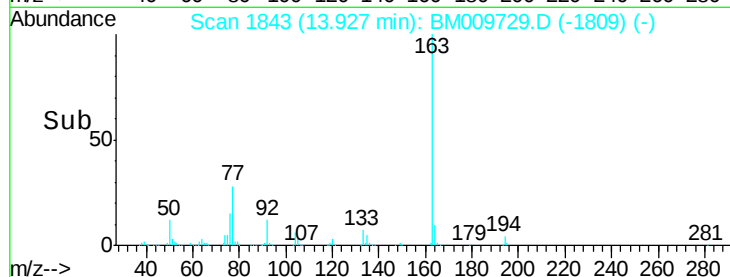
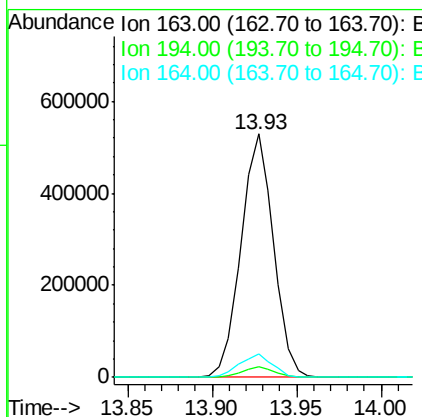
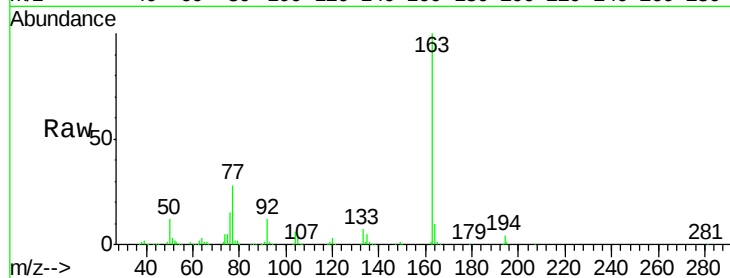




#44  
Dimethylphthalate  
Concen: 19.19 ng/ul  
RT: 13.93 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

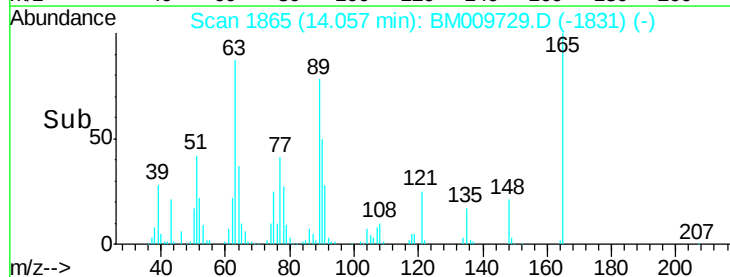
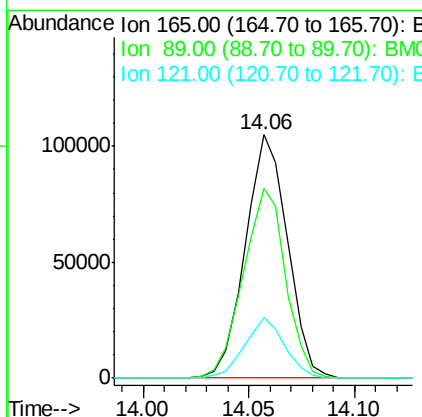
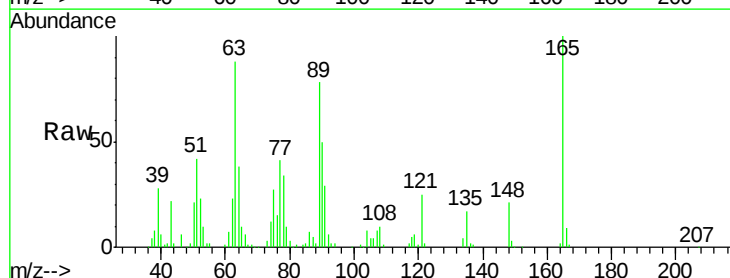
Instrument :  
BNA\_M  
ClientSampleId :

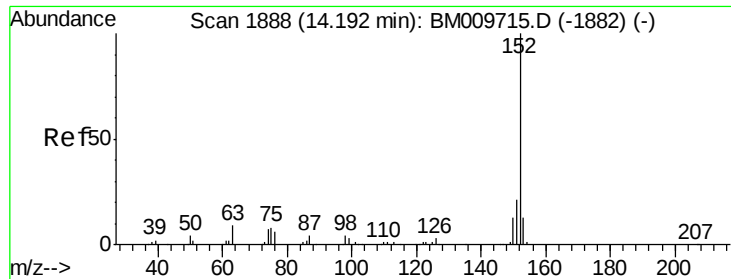
Tot Ion:163 Resp: 709209  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.0 4.6  
164 9.7 8.6 12.8



#45  
2,6-Dinitrotoluene  
Concen: 19.67 ng/ul  
RT: 14.06 min Scan# 1865  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

Tgt Ion:165 Resp: 145935  
Ion Ratio Lower Upper  
165 100  
89 78.1 89.4 134.0#  
121 25.0 21.6 32.4





#47

Acenaphthylene

Concen: 19.63 ng/ul

RT: 14.19 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

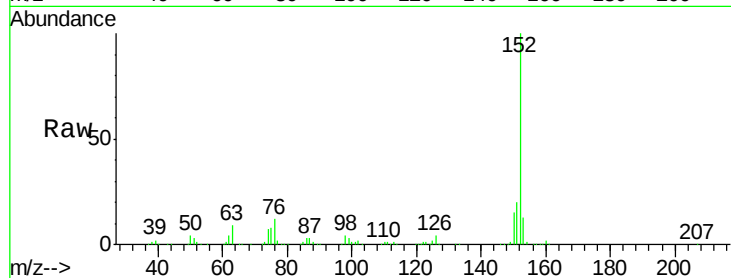
Tot Ion:152 Resp: 872141

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.6

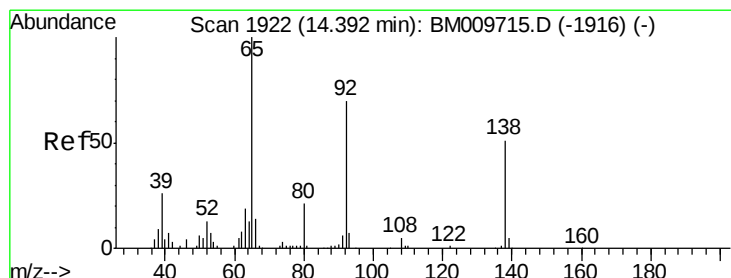
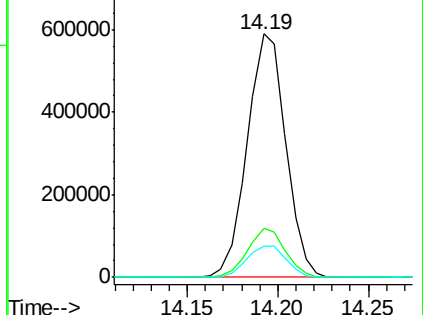
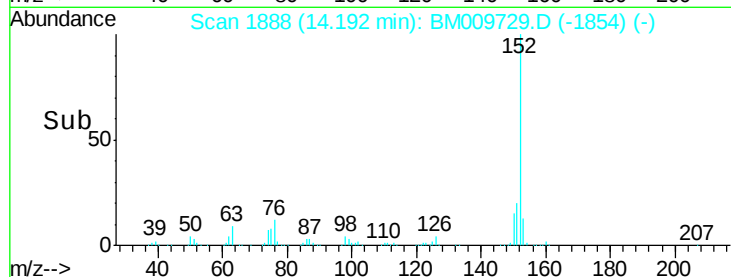
153 13.0 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 19.62 ng/ul

RT: 14.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

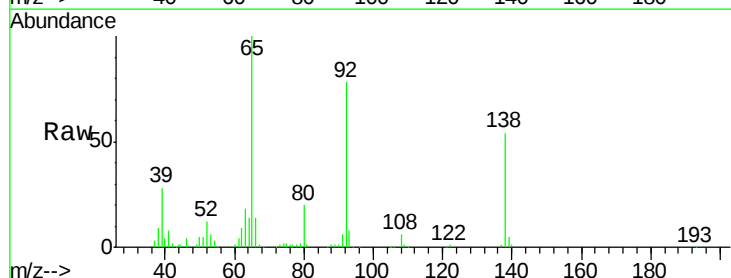
Tgt Ion:138 Resp: 143809

Ion Ratio Lower Upper

138 100

108 10.1 13.9 20.9#

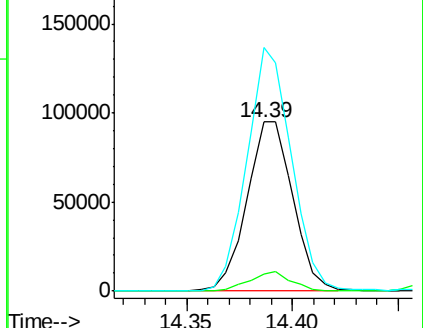
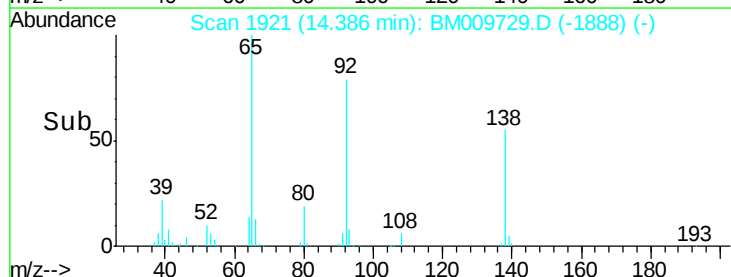
92 144.0 137.8 206.8

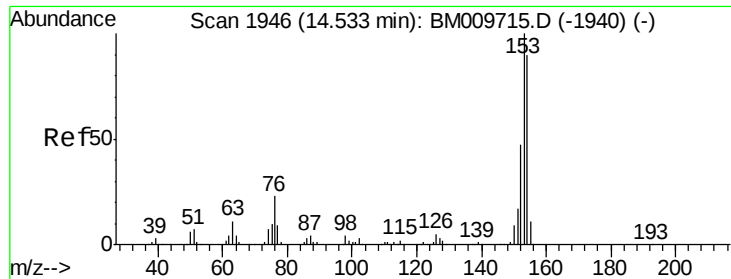


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.35 ng/ul

RT: 14.53 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampled :

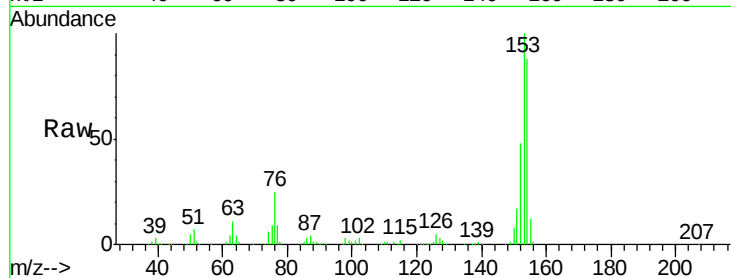
Tot Ion:153 Resp: 584401

Ion Ratio Lower Upper

153 100

152 48.2 36.7 55.1

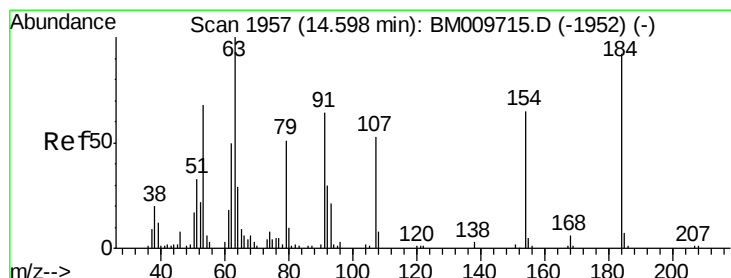
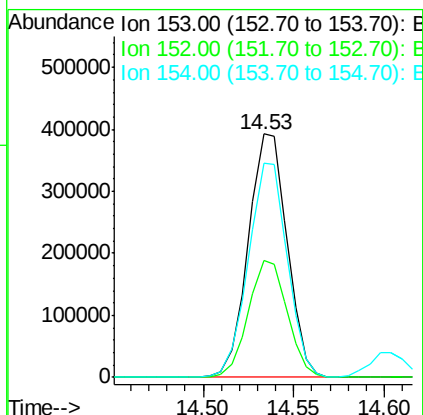
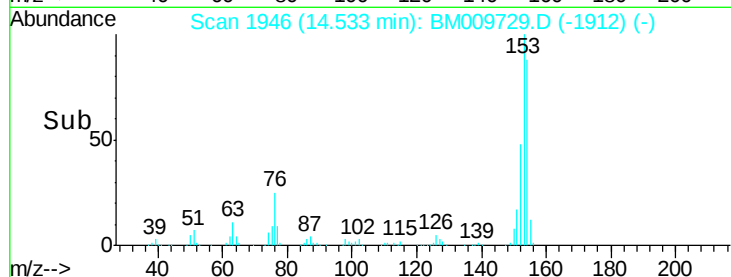
154 87.8 68.3 102.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 16.86 ng/ul

RT: 14.60 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

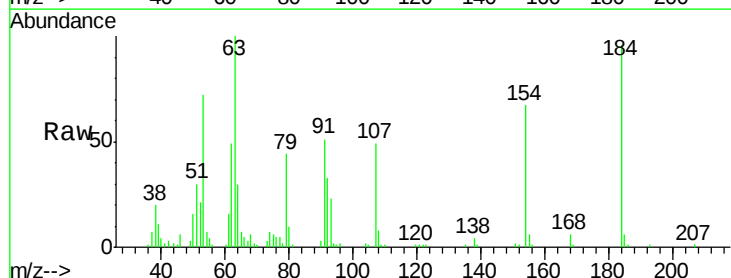
Tgt Ion:184 Resp: 83446

Ion Ratio Lower Upper

184 100

63 104.4 99.6 149.4

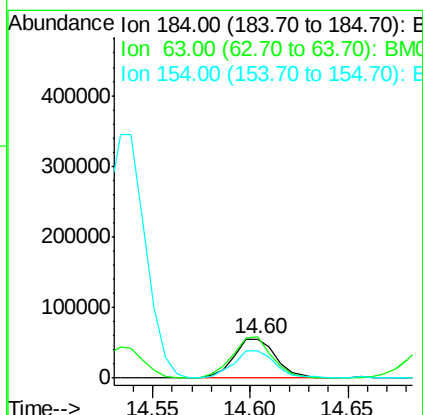
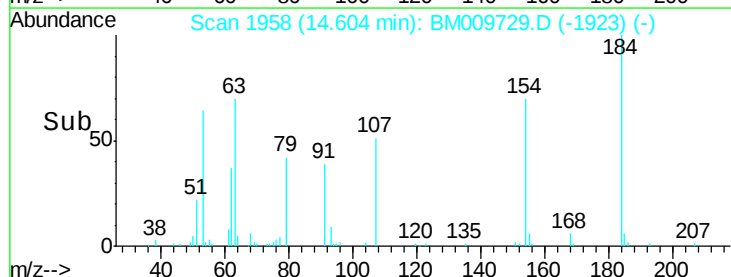
154 70.1 76.5 114.7#

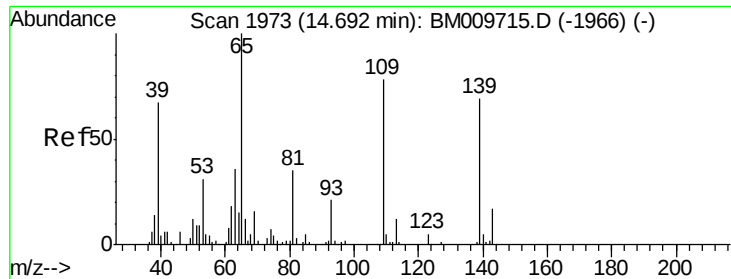


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

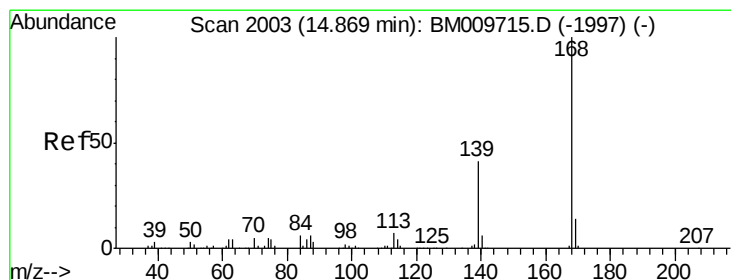
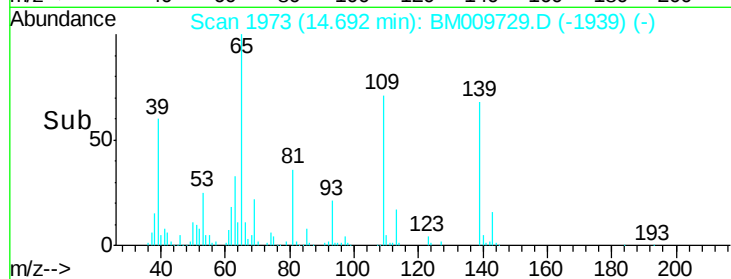
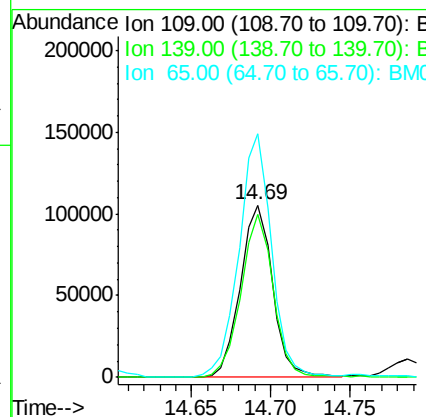
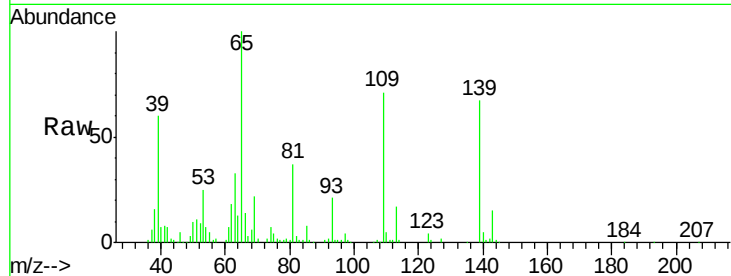




#52  
4-Nitrophenol  
Concen: 18.11 ng/ul  
RT: 14.69 min Scan# 1973  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

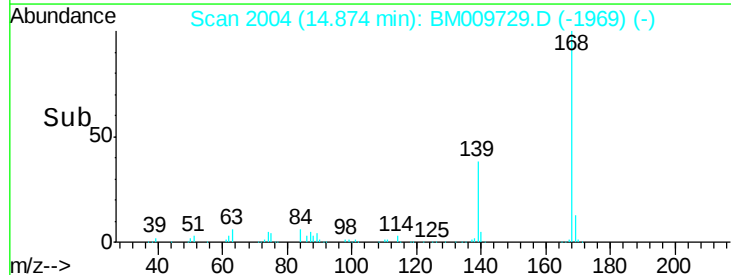
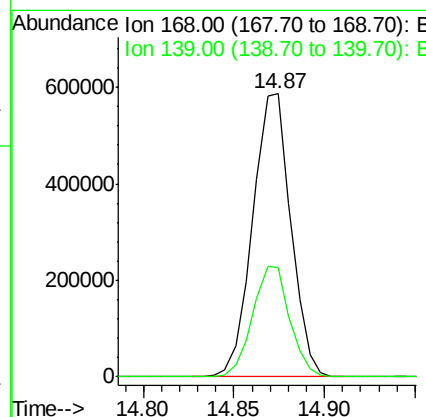
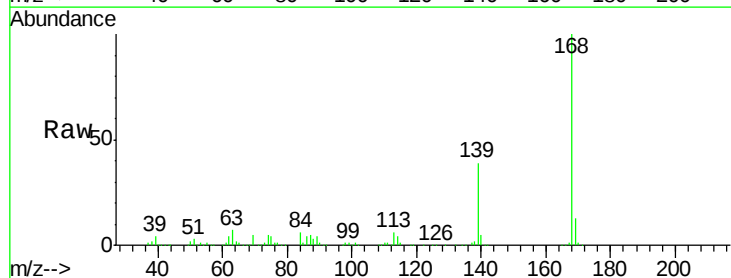
Instrument :  
BNA\_M  
ClientSampleId :

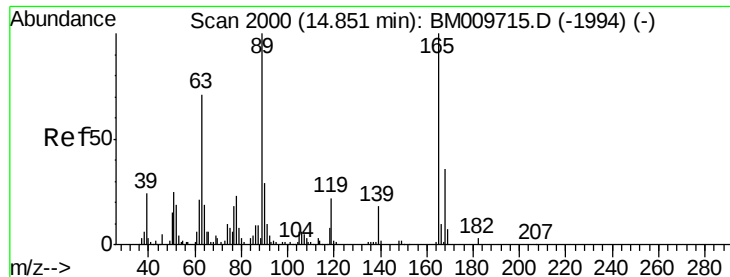
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 109     | 100   |       |       |
| 139     | 94.9  | 33.9  | 50.9  |
| 65      | 141.3 | 92.2  | 138.2 |



#53  
Dibenzofuran  
Concen: 19.41 ng/ul  
RT: 14.87 min Scan# 2004  
Delta R.T. 0.01 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.7  | 35.6  | 53.4  |

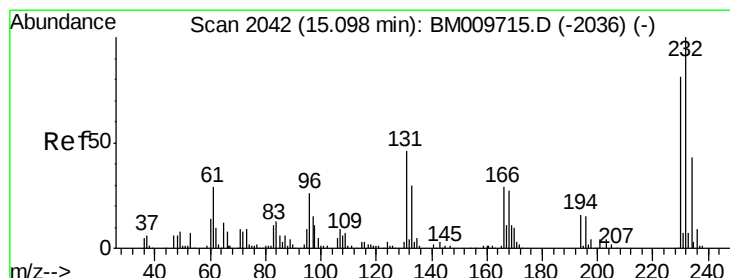
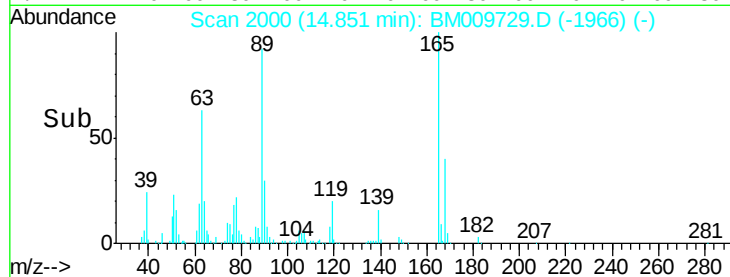
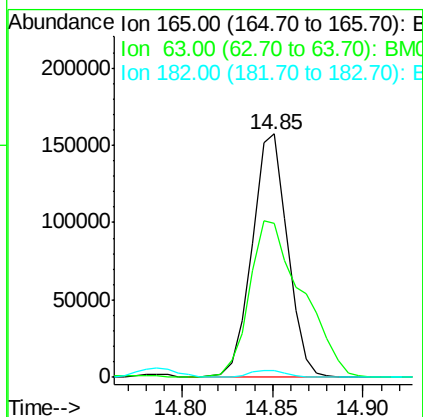
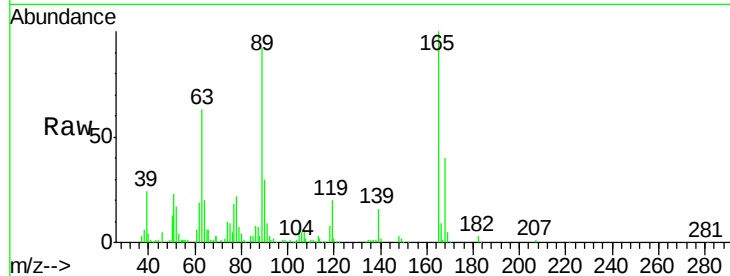




#54  
 2,4-Dinitrotoluene  
 Concen: 19.11 ng/ul  
 RT: 14.85 min Scan# 2000  
 Delta R.T. -0.00 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

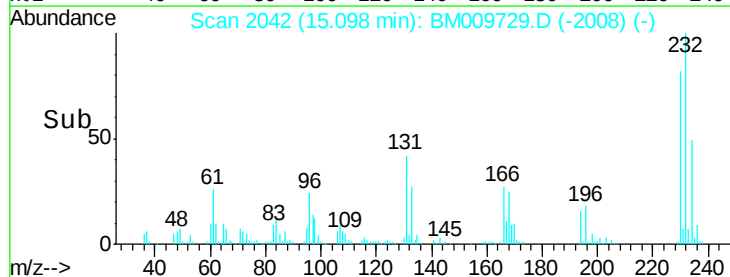
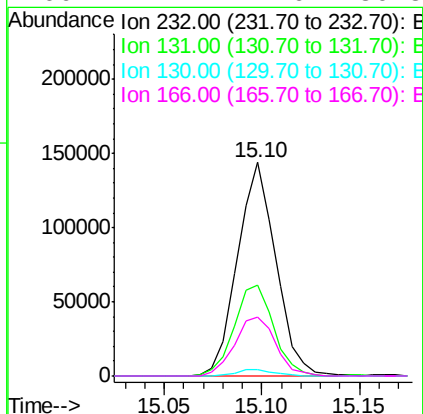
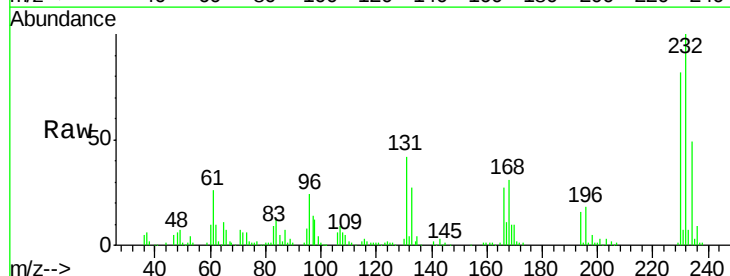
Instrument :  
 BNA\_M  
 ClientSampleId :

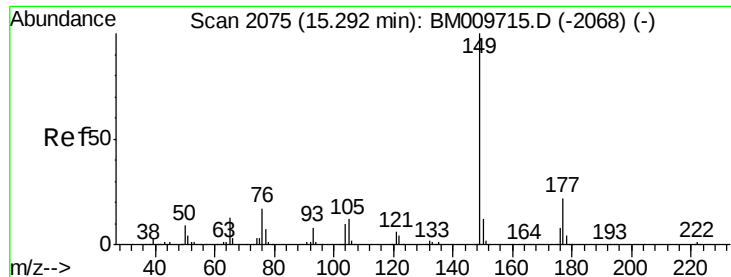
Tot Ion:165 Resp: 213746  
 Ion Ratio Lower Upper  
 165 100  
 63 63.1 75.7 113.5#  
 182 2.9 1.7 2.5#



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.91 ng/ul  
 RT: 15.10 min Scan# 2042  
 Delta R.T. -0.00 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

Tgt Ion:232 Resp: 196906  
 Ion Ratio Lower Upper  
 232 100  
 131 42.3 39.0 58.4  
 130 2.9 2.8 4.2  
 166 27.4 24.6 36.8

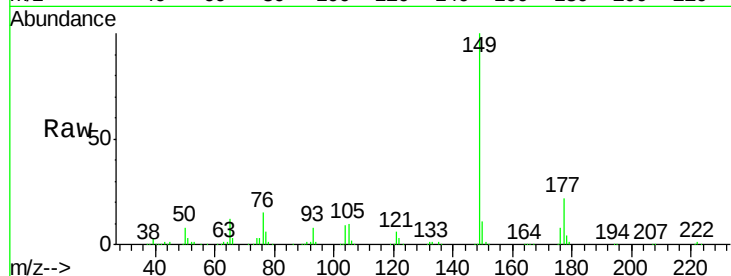




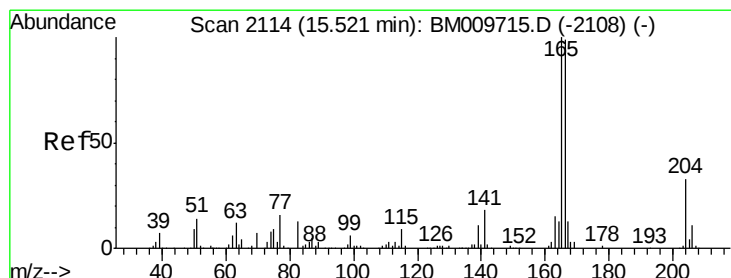
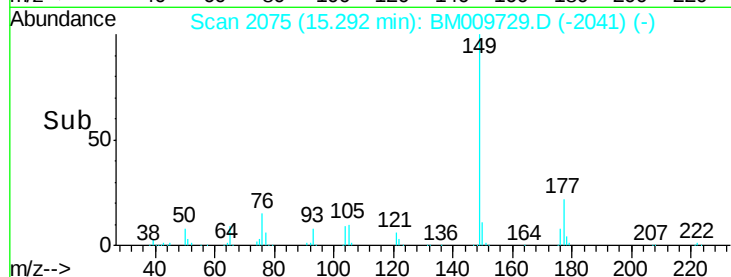
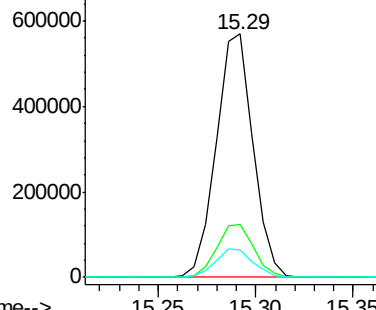
#56  
Diethylphthalate  
Concen: 18.50 ng/ul  
RT: 15.29 min Scan# 2075  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:149 Resp: 745567  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.3 25.9  
150 11.5 11.0 16.6

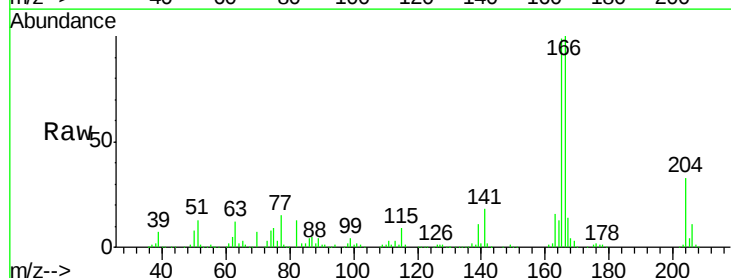


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

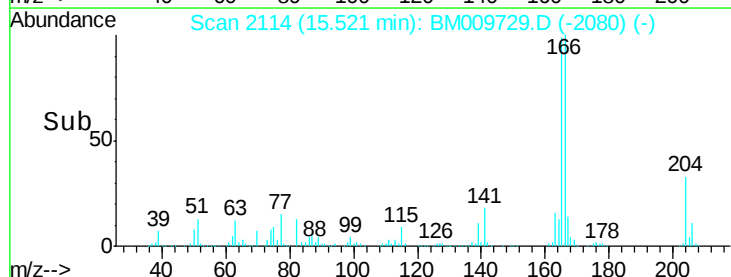
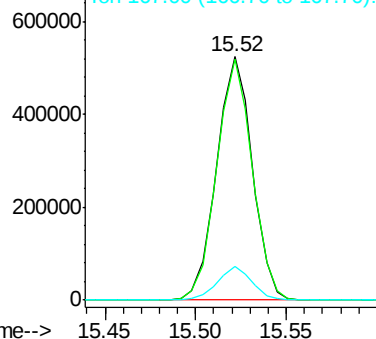


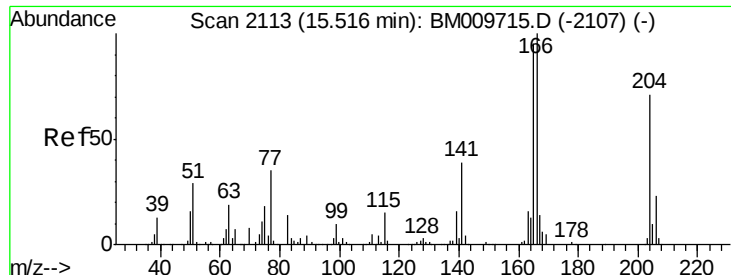
#58  
Fluorene  
Concen: 18.99 ng/ul  
RT: 15.52 min Scan# 2114  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

Tgt Ion:166 Resp: 717157  
Ion Ratio Lower Upper  
166 100  
165 98.7 81.0 121.6  
167 13.6 10.5 15.7



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

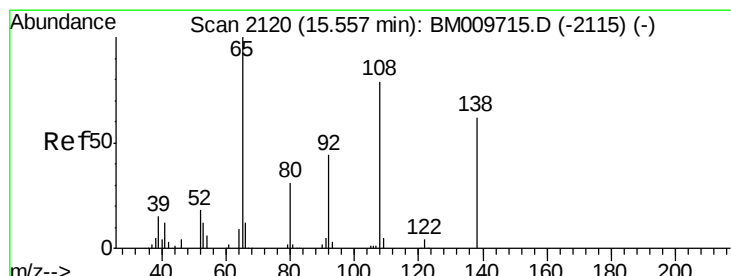
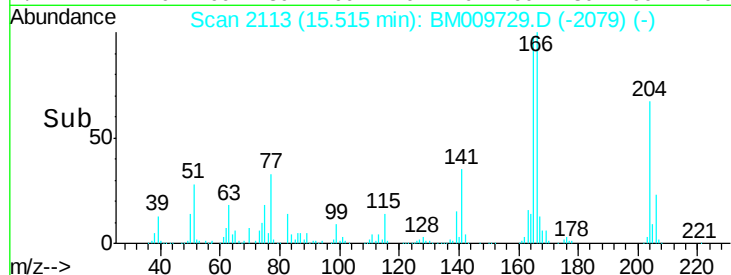
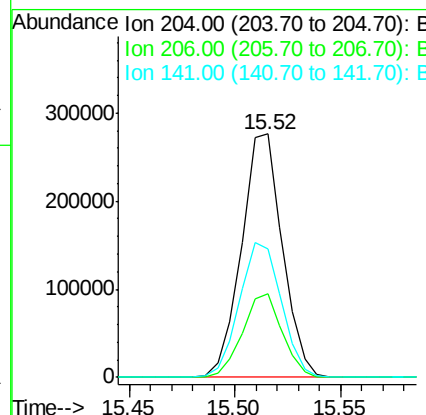
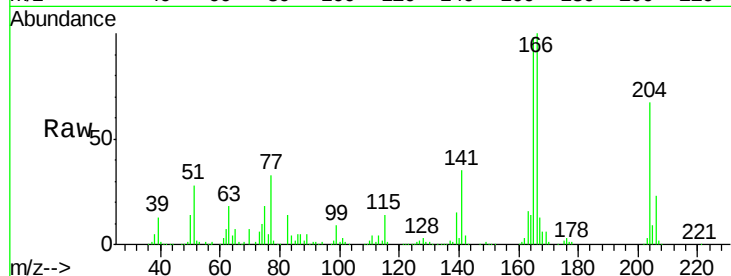




#59  
4-Chlorophenyl-phenylether  
Concen: 18.97 ng/ul  
RT: 15.52 min Scan# 2113  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

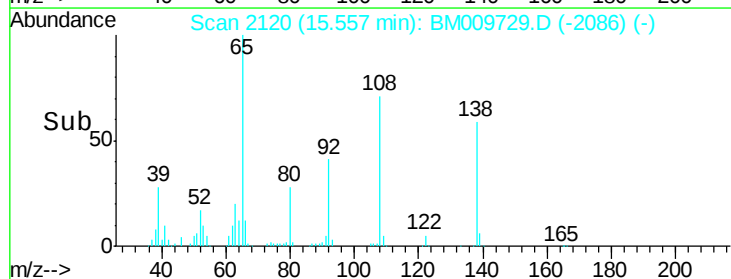
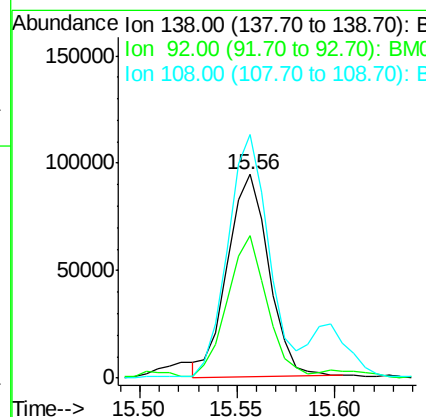
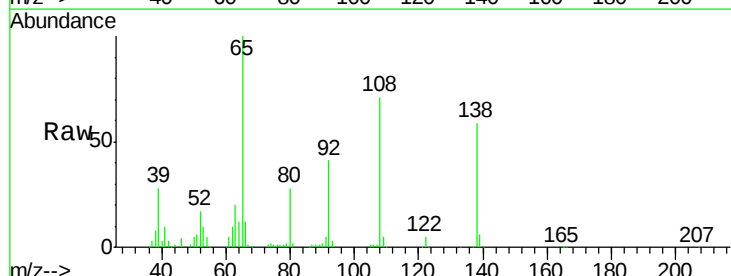
Instrument :  
BNA\_M  
ClientSampleId :

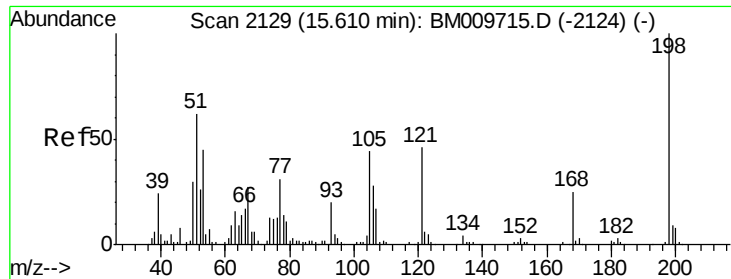
Tot Ion:204 Resp: 371213  
Ion Ratio Lower Upper  
204 100  
206 34.6 22.6 34.0#  
141 52.8 48.3 72.5



#60  
4-Nitroaniline  
Concen: 16.13 ng/ul  
RT: 15.56 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

Tgt Ion:138 Resp: 138007  
Ion Ratio Lower Upper  
138 100  
92 70.0 79.3 118.9#  
108 119.6 207.0 310.4#

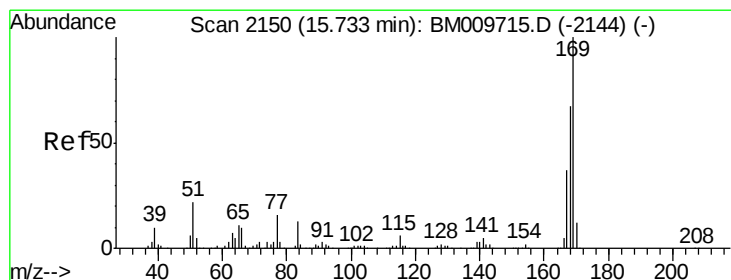
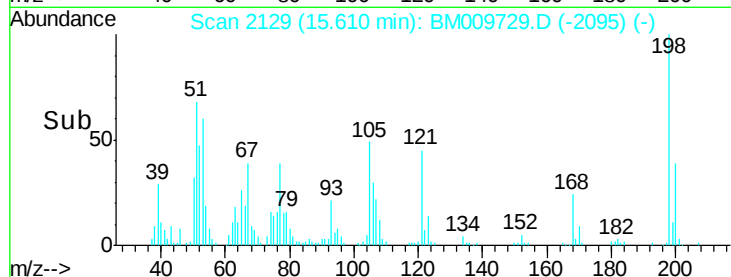
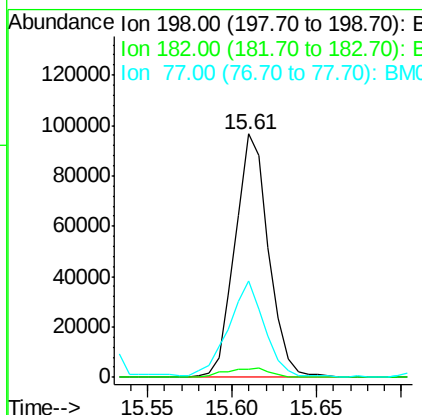
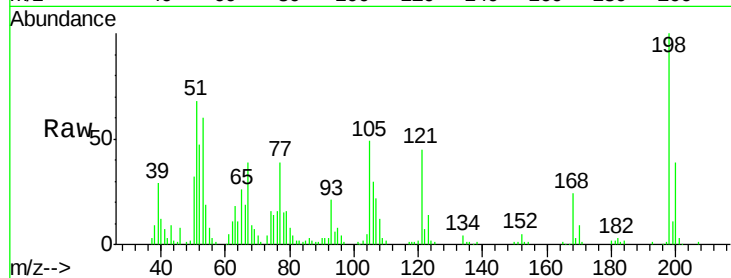




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 18.04 ng/ul  
 RT: 15.61 min Scan# 2129  
 Delta R.T. -0.00 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

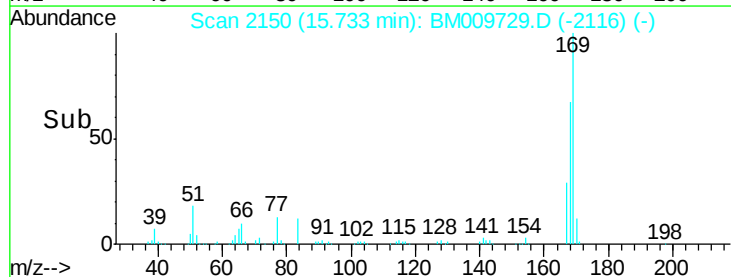
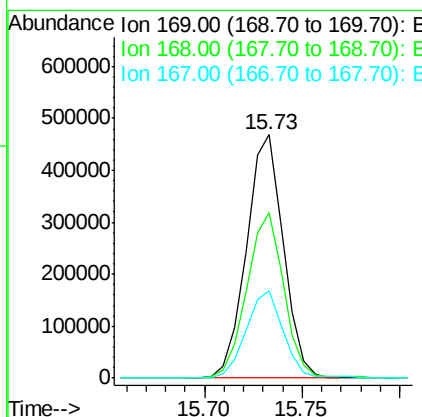
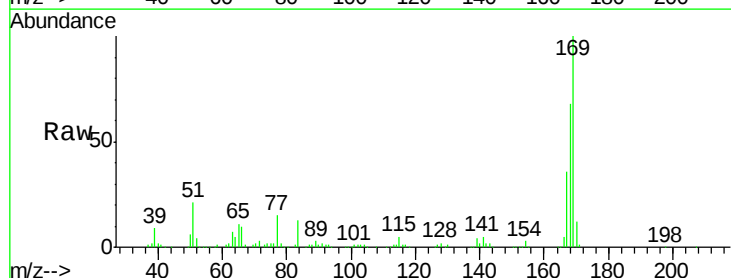
Instrument :  
 BNA\_M  
 ClientSampleId :

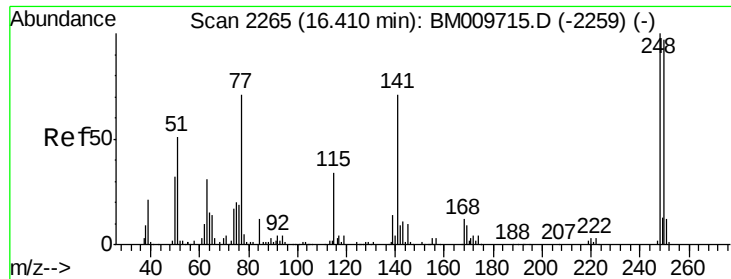
| Tot Ion   | 198  | Resp | 133625 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 3.0  |      |        |
| Upper     | 4.4  |      |        |
| 182       | 3.3  |      |        |
| 77        | 39.5 |      |        |
|           | 37.6 |      |        |
|           | 56.4 |      |        |



#64  
 N-Nitrosodiphenylamine  
 Concen: 19.62 ng/ul  
 RT: 15.73 min Scan# 2150  
 Delta R.T. -0.00 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

| Tgt Ion                                    | 169  | Resp | 612727 |
|--------------------------------------------|------|------|--------|
| Ion Ratio <td>100</td> <td></td> <td></td> | 100  |      |        |
| Lower <td>53.4</td> <td></td> <td></td>    | 53.4 |      |        |
| Upper <td>80.2</td> <td></td> <td></td>    | 80.2 |      |        |
| 168                                        | 68.0 |      |        |
| 167                                        | 36.0 |      |        |
|                                            | 30.2 |      |        |
|                                            | 45.2 |      |        |

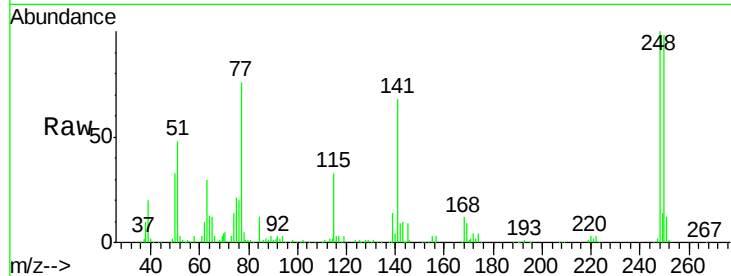




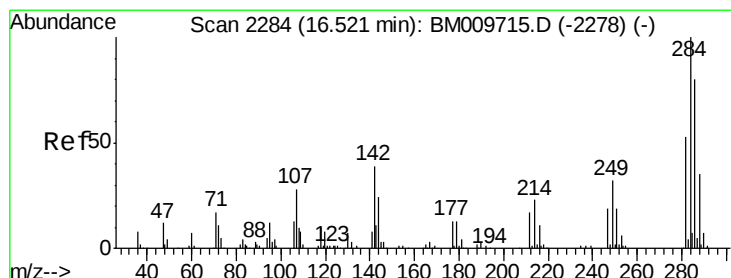
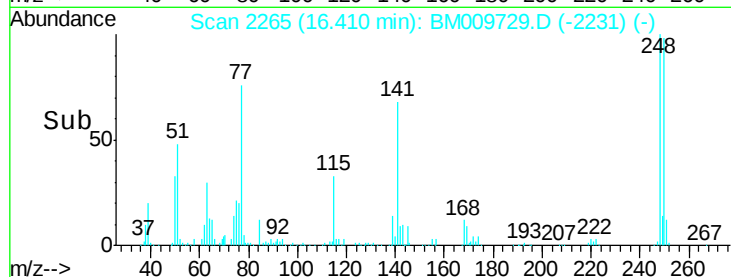
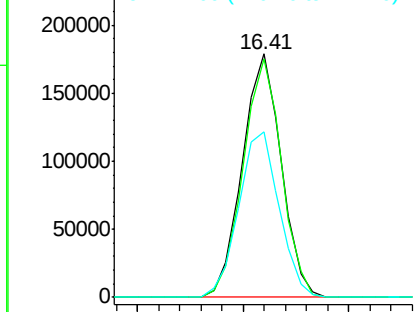
#65  
4-Bromophenyl-phenylether  
Concen: 19.71 ng/ul  
RT: 16.41 min Scan# 2265  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:248 Resp: 229174  
Ion Ratio Lower Upper  
248 100  
250 97.8 74.4 111.6  
141 68.1 70.4 105.6#

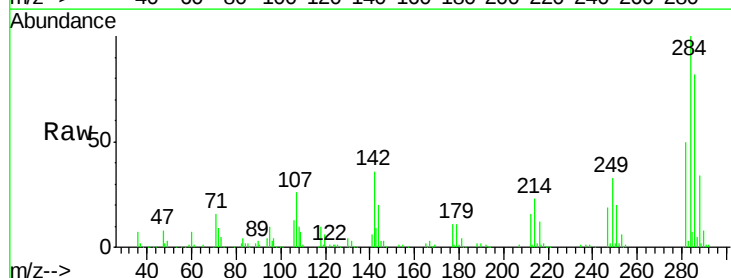


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

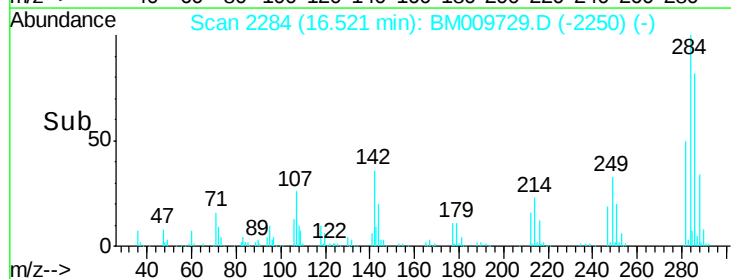
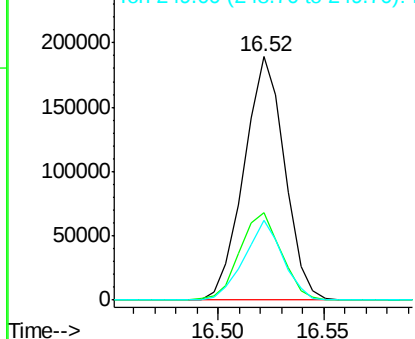


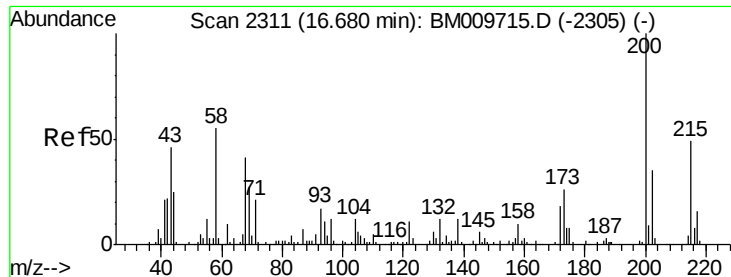
#66  
Hexachlorobenzene  
Concen: 19.92 ng/ul  
RT: 16.52 min Scan# 2284  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

Tgt Ion:284 Resp: 253468  
Ion Ratio Lower Upper  
284 100  
142 35.7 31.6 47.4  
249 32.7 29.0 43.6



Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

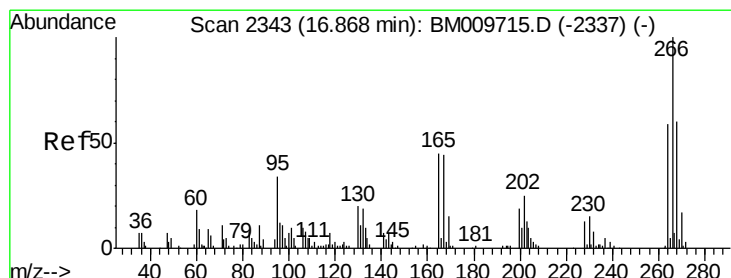
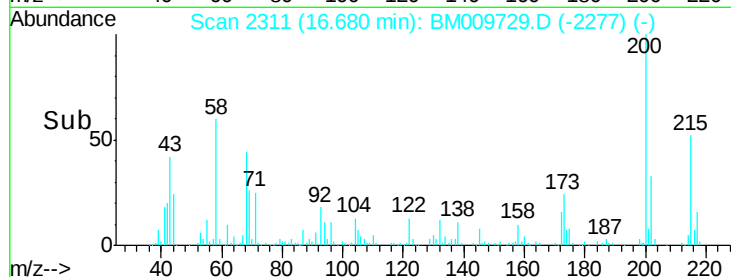
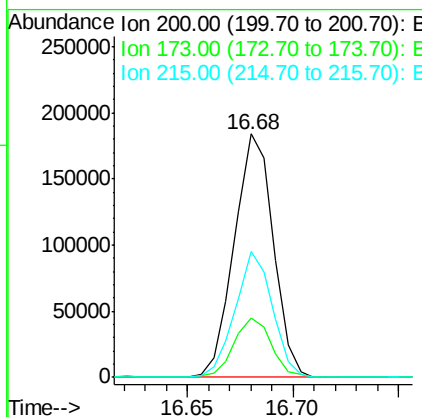
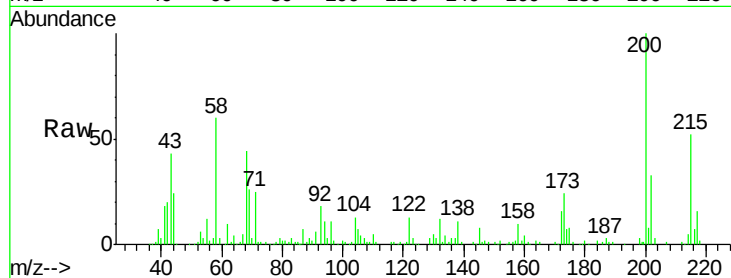




#67  
 Atrazine  
 Concen: 18.83 ng/ul  
 RT: 16.68 min Scan# 2311  
 Delta R.T. -0.00 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

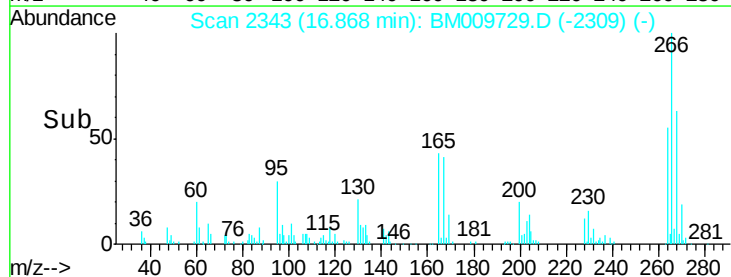
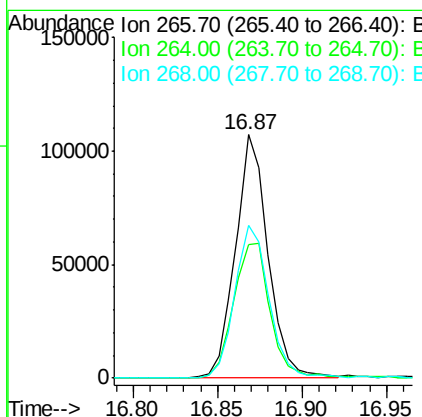
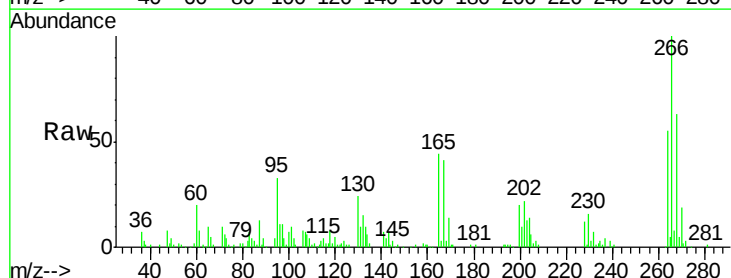
Instrument :  
 BNA\_M  
 ClientSampled :

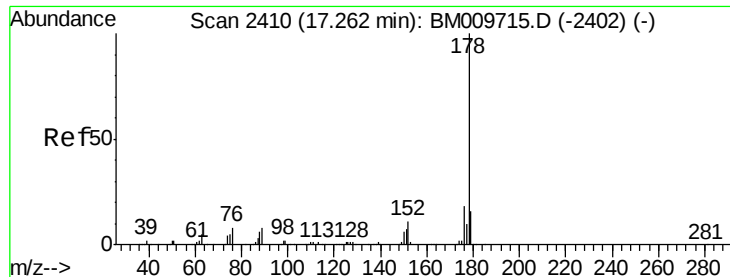
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.3  | 21.4  | 32.0  |
| 215     | 51.8  | 38.1  | 57.1  |



#68  
 Pentachlorophenol  
 Concen: 18.46 ng/ul  
 RT: 16.87 min Scan# 2343  
 Delta R.T. -0.00 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 54.8  | 54.8  | 82.2  |
| 268     | 62.8  | 62.1  | 93.1  |

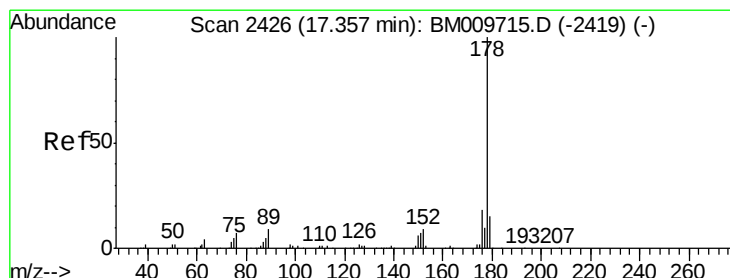
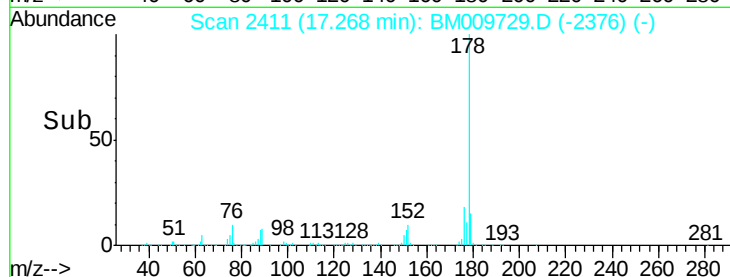
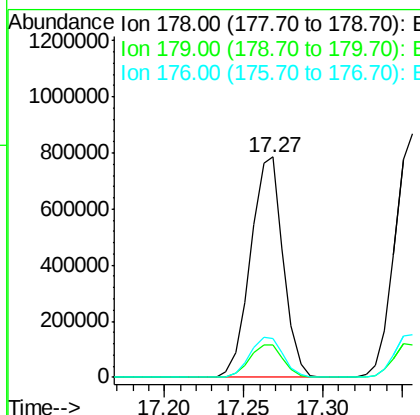
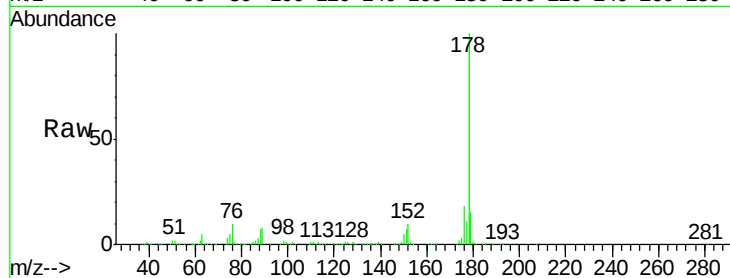




#69  
 Phenanthrene  
 Concen: 19.14 ng/ul  
 RT: 17.27 min Scan# 2411  
 Delta R.T. 0.01 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

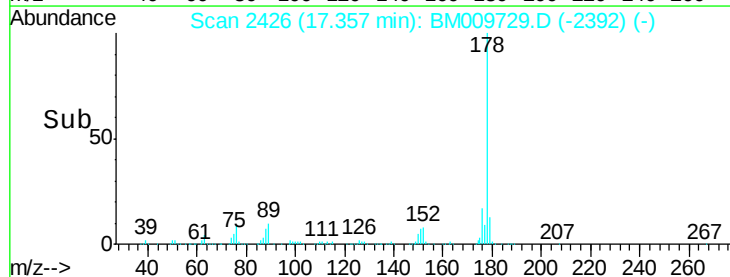
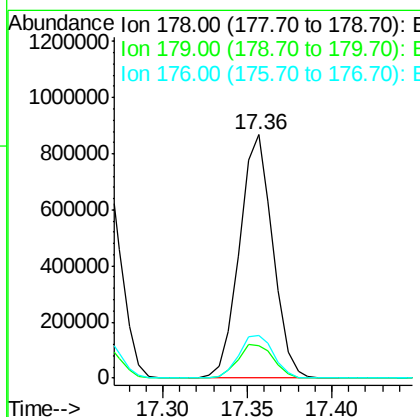
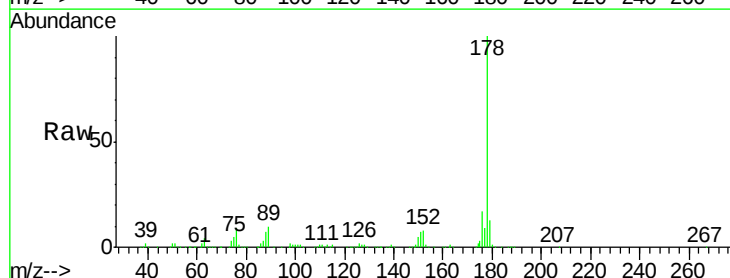
Instrument :  
 BNA\_M  
 ClientSampleId :

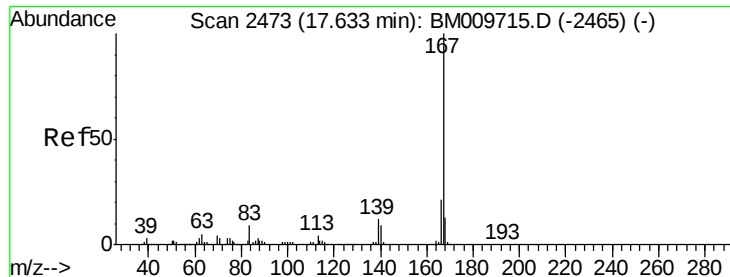
Tot Ion:178 Resp: 1120058  
 Ion Ratio Lower Upper  
 178 100  
 179 14.6 12.6 19.0  
 176 17.9 15.8 23.6



#71  
 Anthracene  
 Concen: 19.35 ng/ul  
 RT: 17.36 min Scan# 2426  
 Delta R.T. -0.00 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

Tgt Ion:178 Resp: 1184538  
 Ion Ratio Lower Upper  
 178 100  
 179 13.3 13.1 19.7  
 176 17.4 15.6 23.4



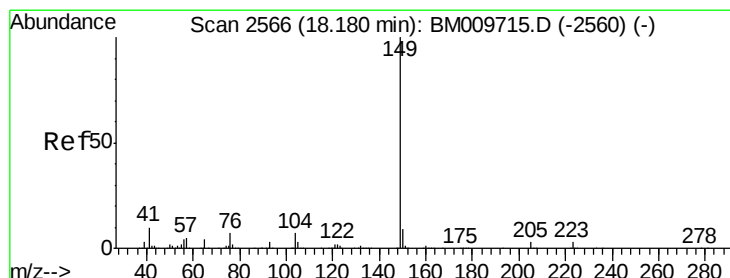
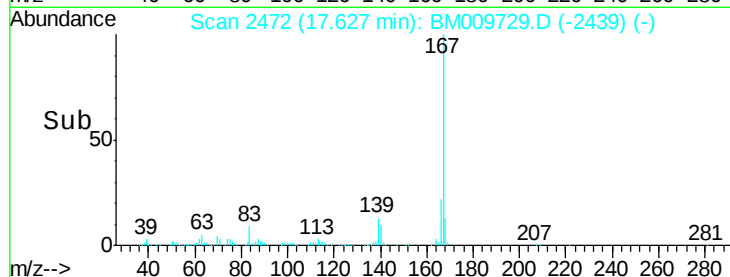
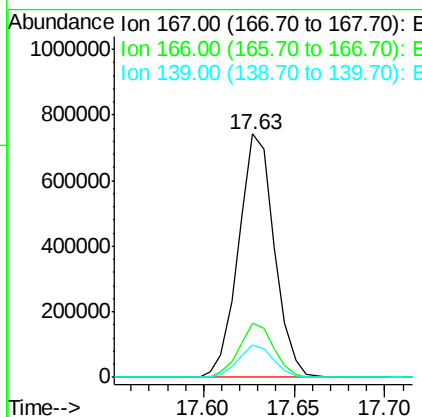
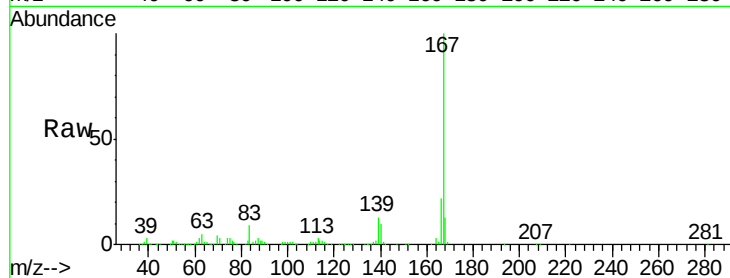


#72  
 Carbazole  
 Concen: 18.47 ng/ul  
 RT: 17.63 min Scan# 2472  
 Delta R.T. -0.01 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:167 Resp: 1017696  

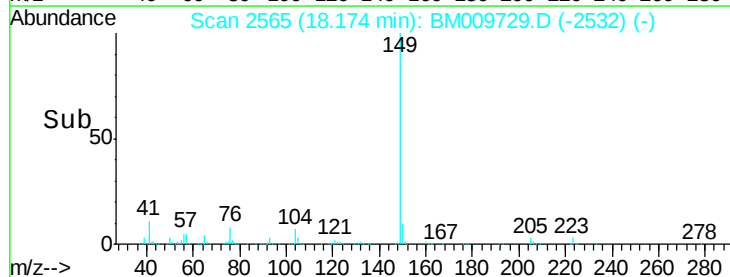
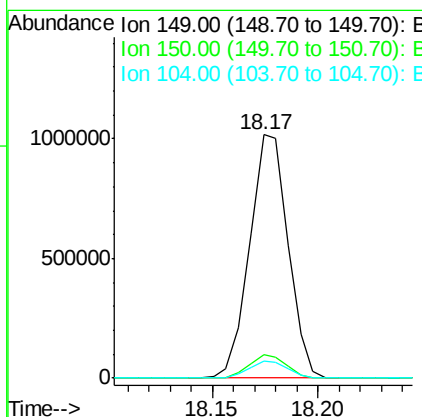
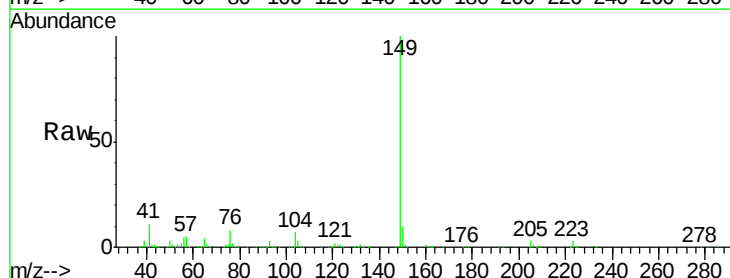
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.1  | 17.7  | 26.5  |
| 139 | 13.3  | 11.1  | 16.7  |

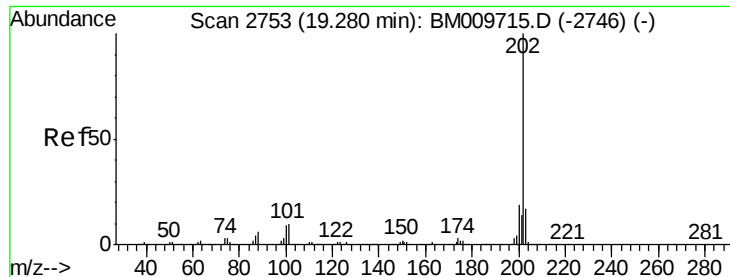


#73  
 Di-n-butylphthalate  
 Concen: 19.21 ng/ul  
 RT: 18.17 min Scan# 2565  
 Delta R.T. -0.01 min  
 Lab File: BM009729.D  
 Acq: 26 Apr 2017 20:36

Tgt Ion:149 Resp: 1288990  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.5   | 7.1   | 10.7  |
| 104 | 7.2   | 6.9   | 10.3  |





#74

Fluoranthene

Concen: 18.38 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

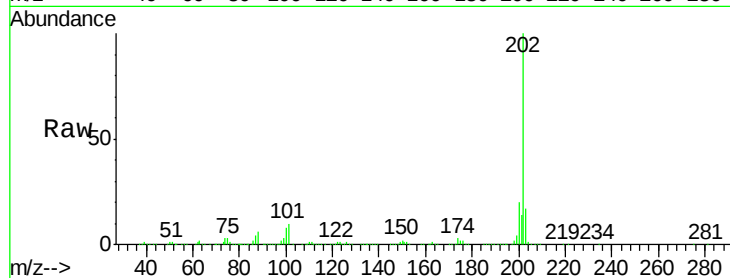
Tot Ion:202 Resp: 1356212

Ion Ratio Lower Upper

202 100

101 10.5 5.7 8.5#

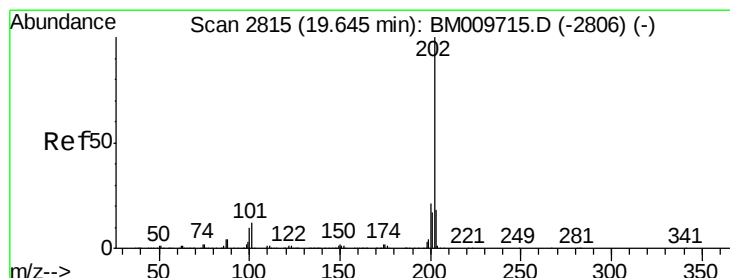
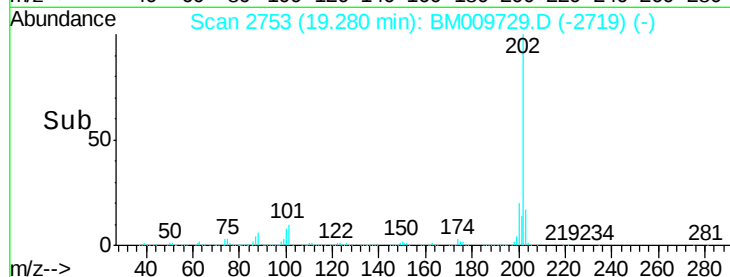
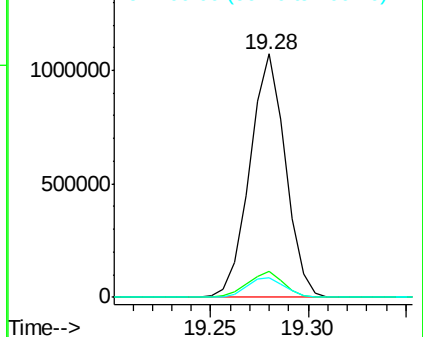
100 8.0 4.6 7.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 21.34 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

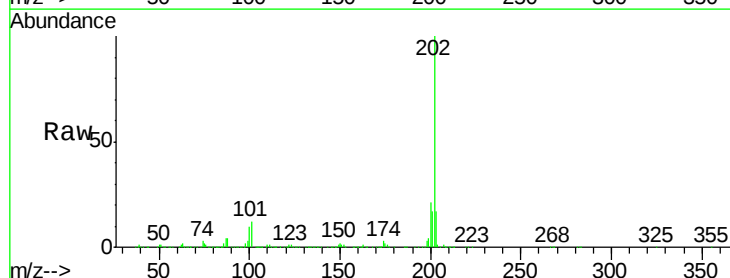
Tgt Ion:202 Resp: 1426988

Ion Ratio Lower Upper

202 100

101 12.3 6.2 9.4#

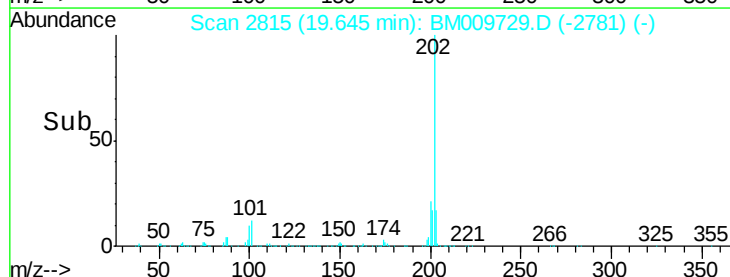
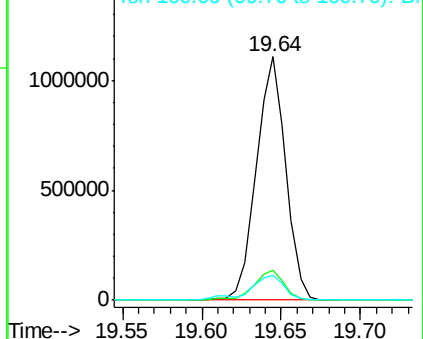
100 10.4 6.4 9.6#

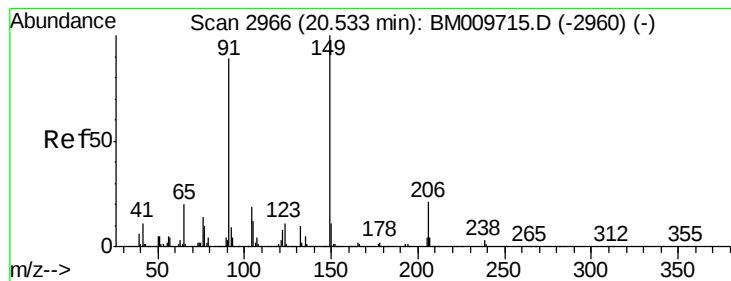


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 21.65 ng/ul

RT: 20.53 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

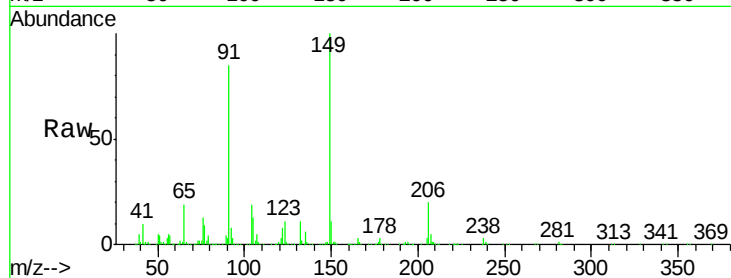
Tot Ion:149 Resp: 600480

Ion Ratio Lower Upper

149 100

91 85.2 80.0 120.0

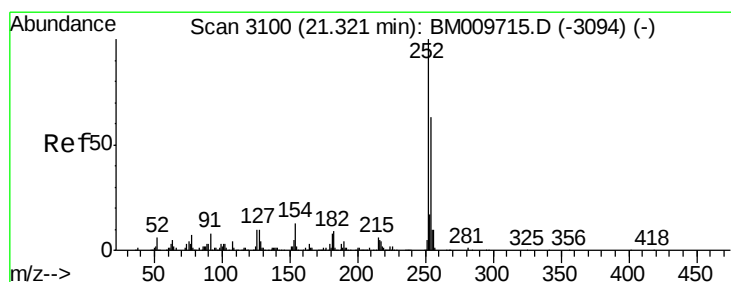
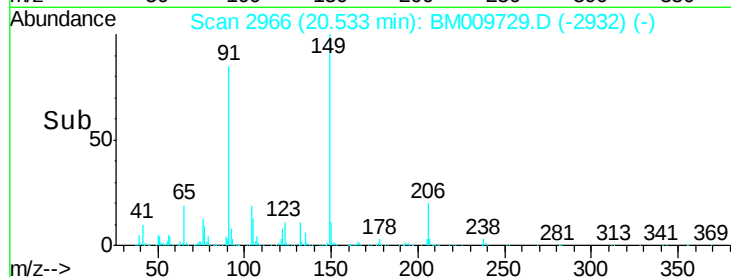
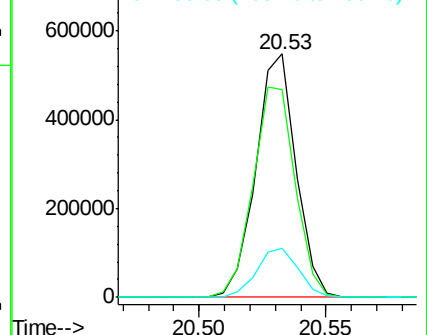
206 20.3 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM009715.D (-2960) (-)

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 19.19 ng/ul

RT: 21.32 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

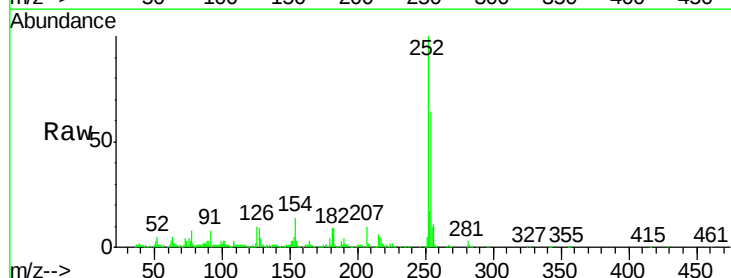
Tgt Ion:252 Resp: 420190

Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

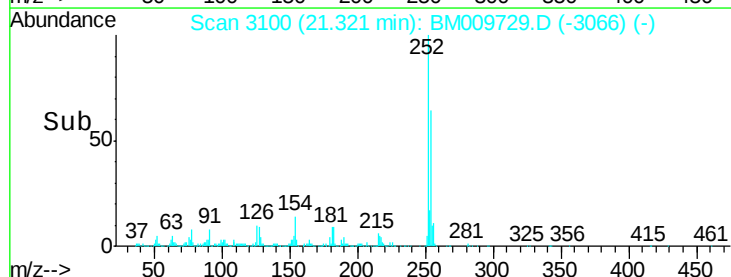
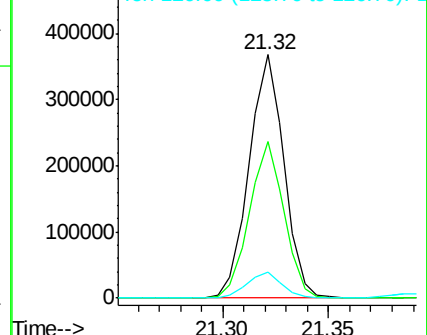
126 10.4 8.2 12.4

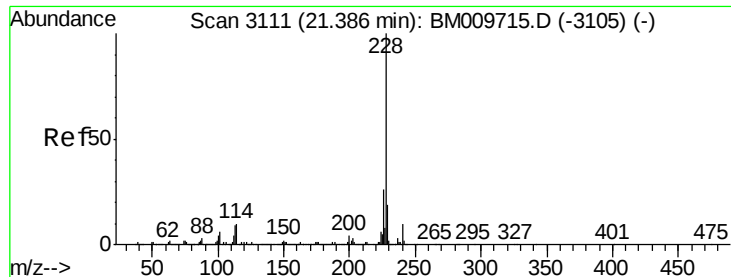


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.25 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampled :

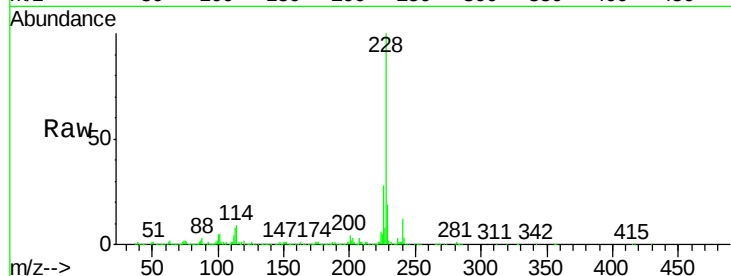
Tot Ion:228 Resp: 1351711

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.0  | 15.4  | 23.2  |
| 226 | 27.8  | 21.2  | 31.8  |

228 100

229 19.0 15.4 23.2

226 27.8 21.2 31.8

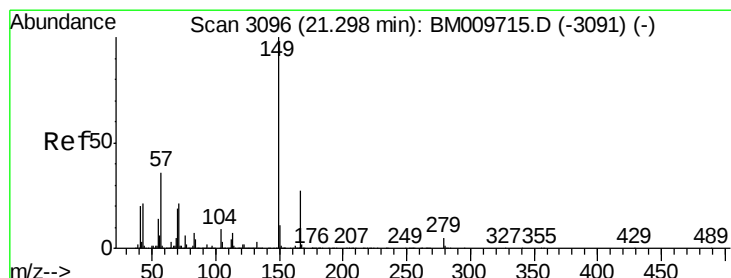
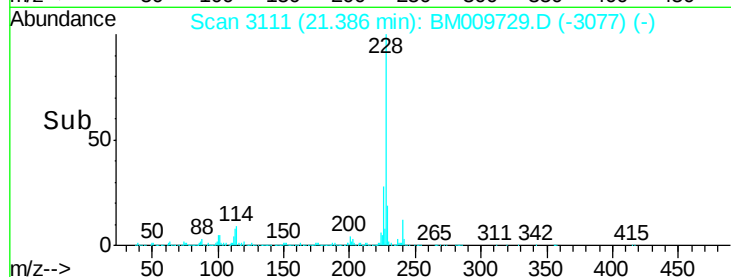
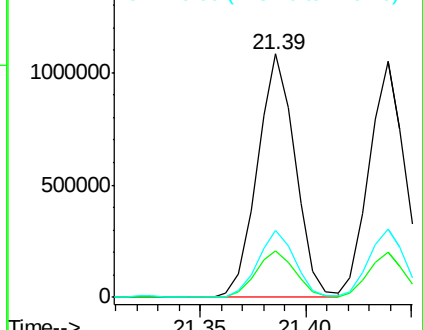


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.88 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

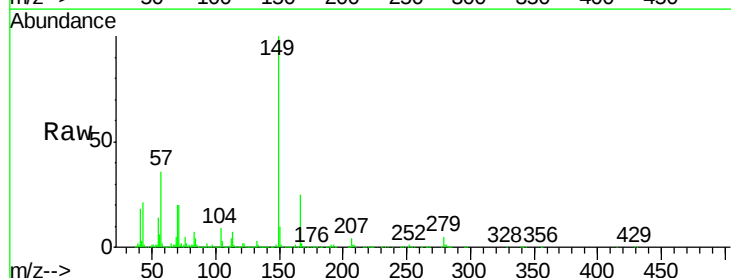
Tgt Ion:149 Resp: 877467

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 25.1  | 20.2  | 30.2  |
| 279 | 4.5   | 4.0   | 6.0   |

149 100

167 25.1 20.2 30.2

279 4.5 4.0 6.0

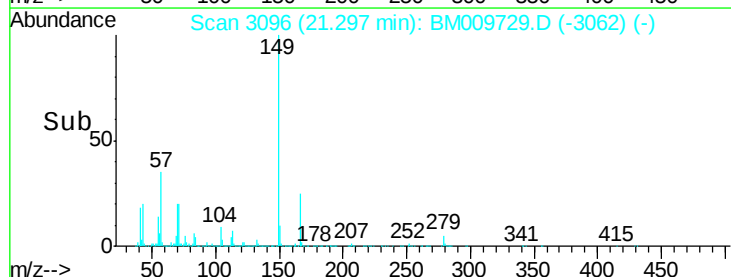
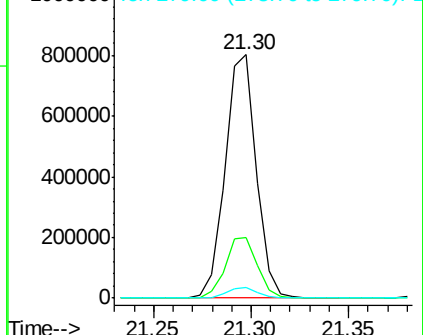


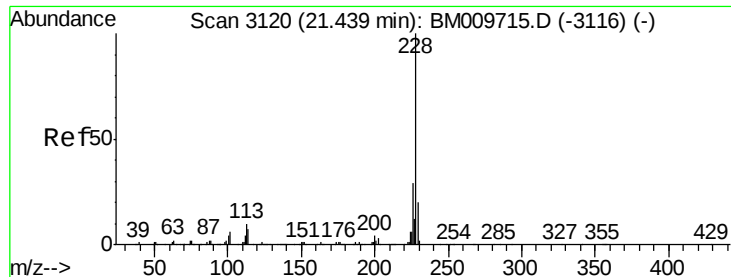
Abundance

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

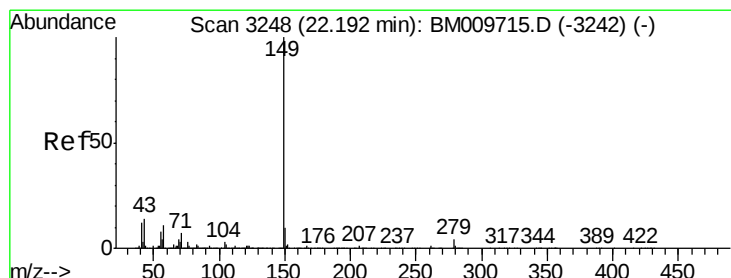
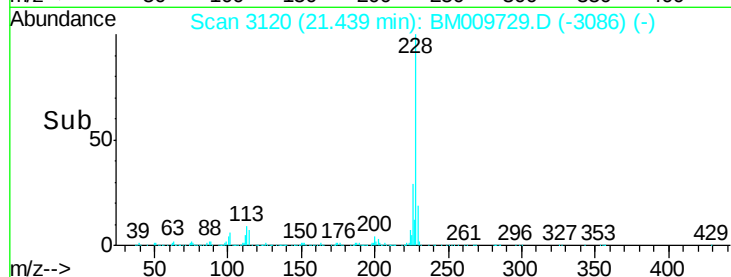
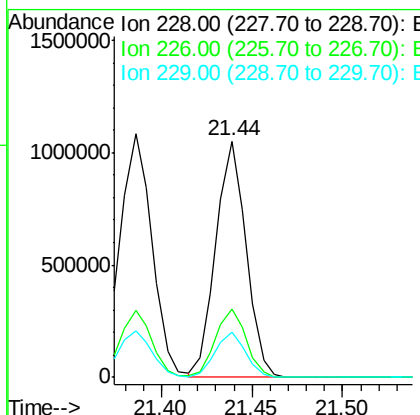
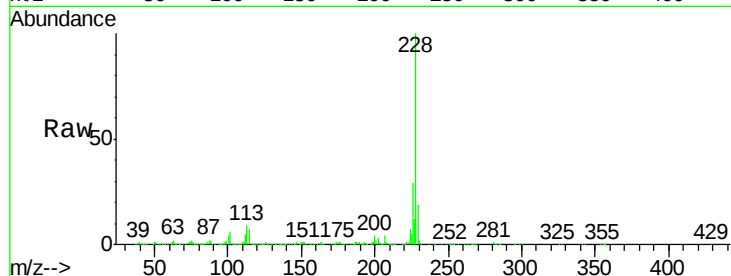




#82  
Chrysene  
Concen: 19.39 ng/ul  
RT: 21.44 min Scan# 3120  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

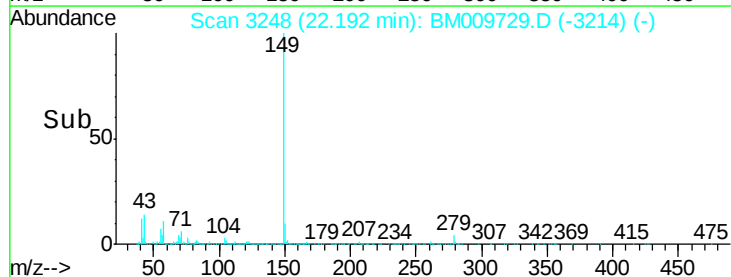
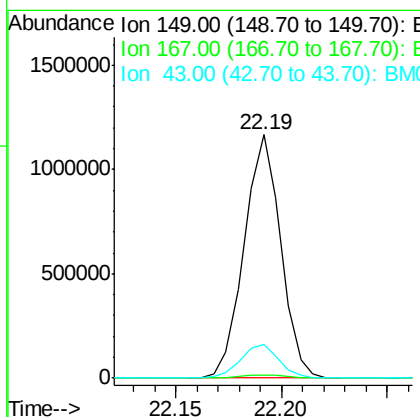
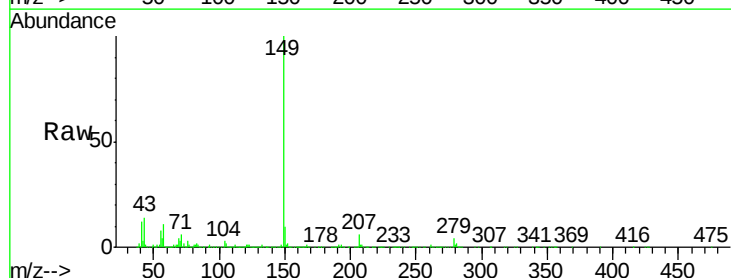
Instrument :  
BNA\_M  
ClientSampleId :

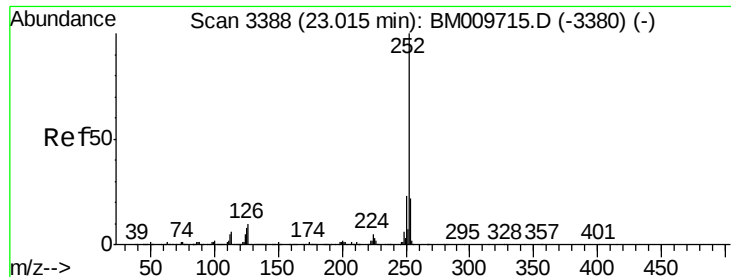
Tot Ion:228 Resp: 1225441  
Ion Ratio Lower Upper  
228 100  
226 29.0 23.9 35.9  
229 19.2 15.4 23.2



#84  
Di-n-octyl phthalate  
Concen: 22.59 ng/ul  
RT: 22.19 min Scan# 3248  
Delta R.T. -0.00 min  
Lab File: BM009729.D  
Acq: 26 Apr 2017 20:36

Tgt Ion:149 Resp: 1396603  
Ion Ratio Lower Upper  
149 100  
167 1.3 1.4 2.0#  
43 13.7 13.7 20.5#





#85

Benzo(b)fluoranthene

Concen: 21.05 ng/ul

RT: 23.01 min Scan# 3388

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampled :

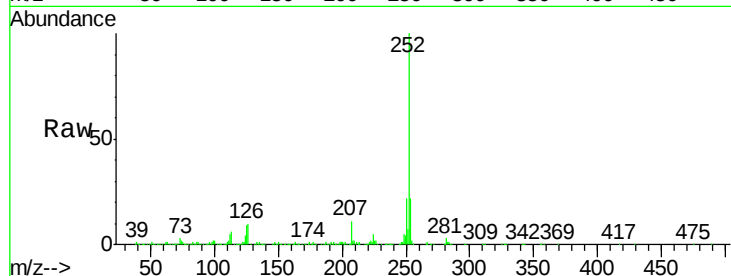
Tot Ion:252 Resp: 1156800

Ion Ratio Lower Upper

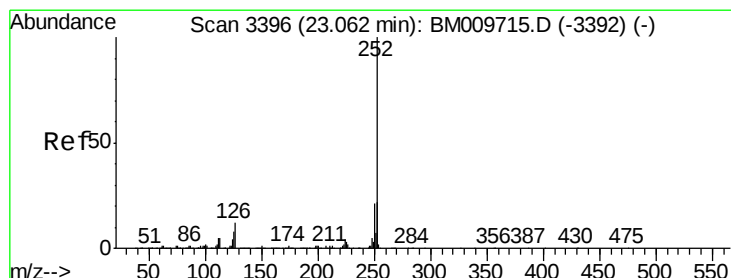
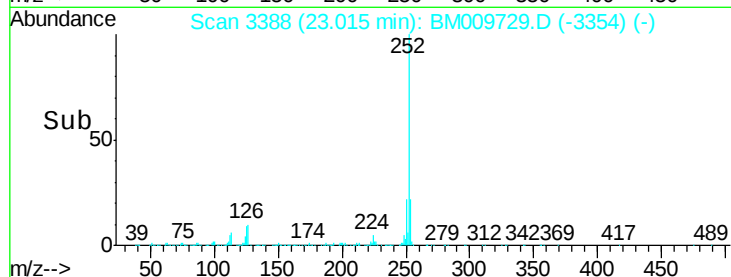
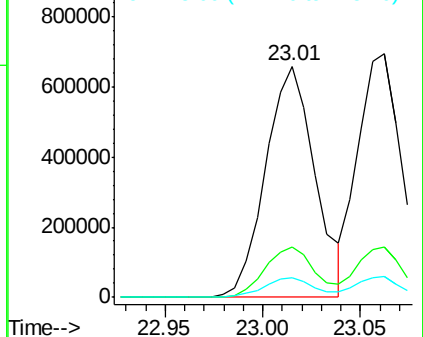
252 100

253 21.6 17.0 25.4

125 8.8 3.7 5.5#



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



#86

Benzo(k)fluoranthene

Concen: 21.14 ng/ul

RT: 23.06 min Scan# 3396

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

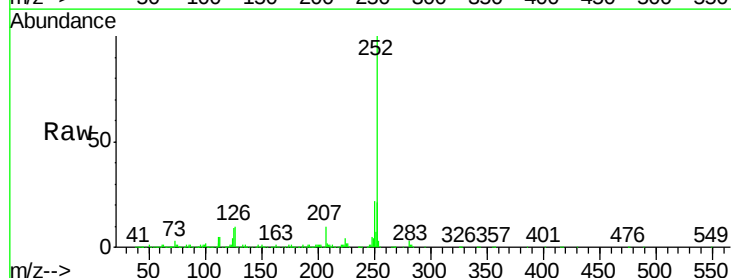
Tgt Ion:252 Resp: 1064023

Ion Ratio Lower Upper

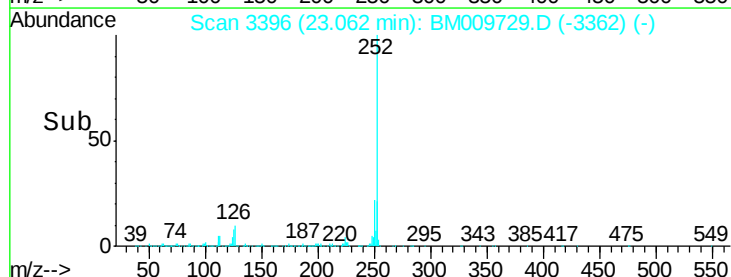
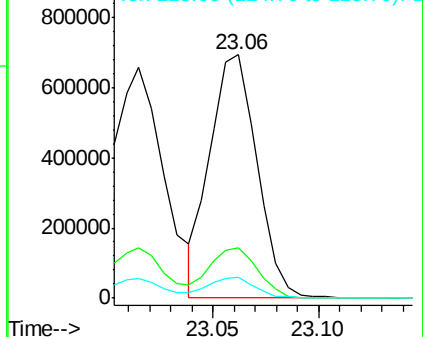
252 100

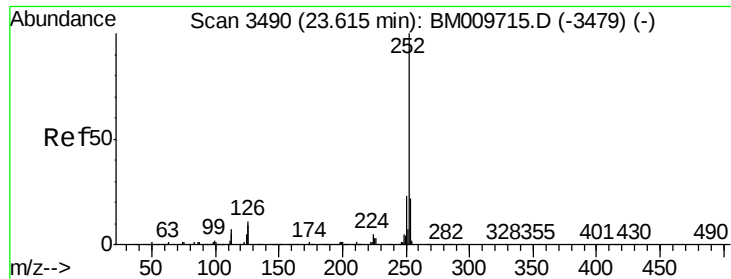
253 20.9 17.4 26.0

125 8.5 3.8 5.8#



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





#88

Benzo(a)pyrene

Concen: 19.56 ng/ul

RT: 23.61 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BM009729.D

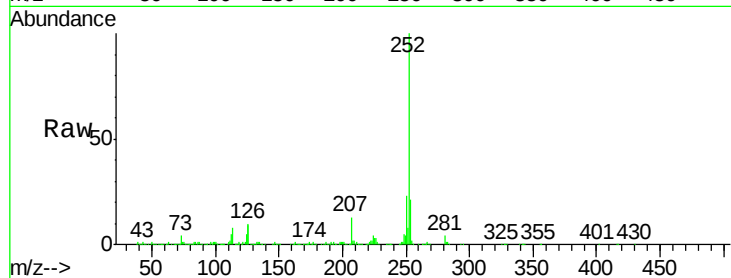
Acq: 26 Apr 2017 20:36

Instrument :

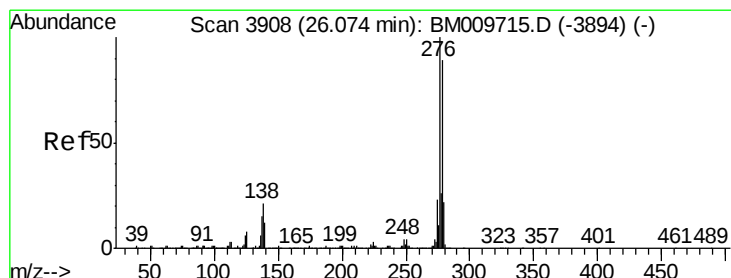
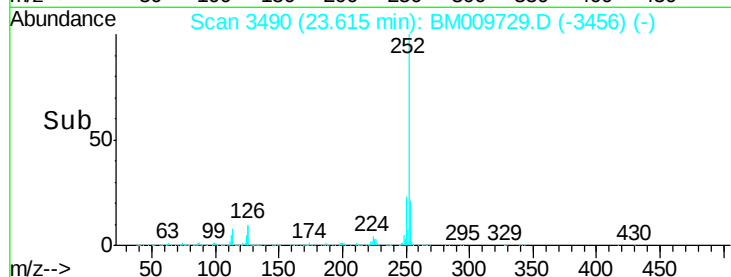
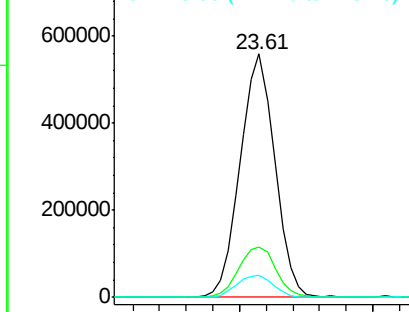
BNA\_M

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 252   | Resp: | 999939 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 20.8  | 17.4  | 26.0   |
| 125      | 8.9   | 3.7   | 5.5#   |



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 17.48 ng/ul

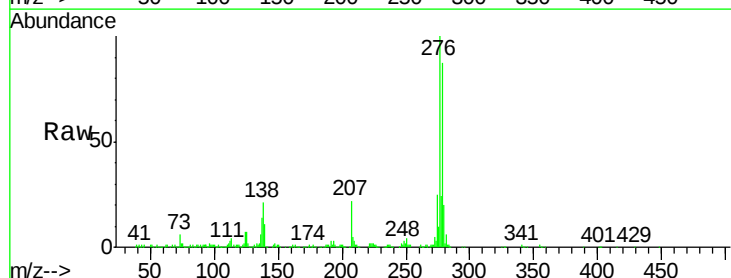
RT: 26.07 min Scan# 3907

Delta R.T. -0.01 min

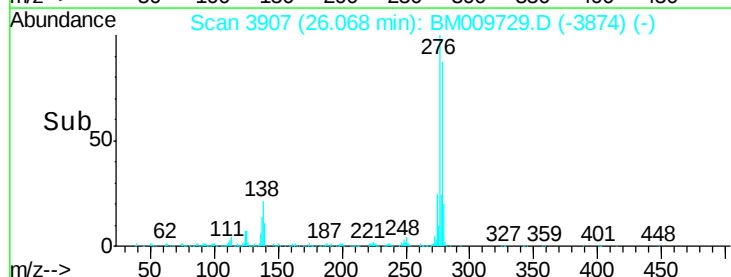
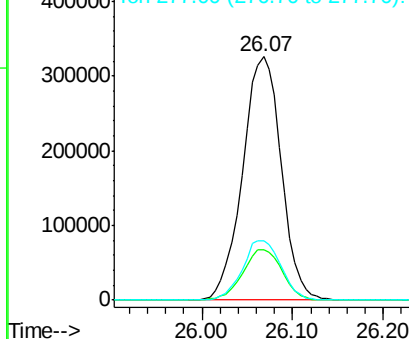
Lab File: BM009729.D

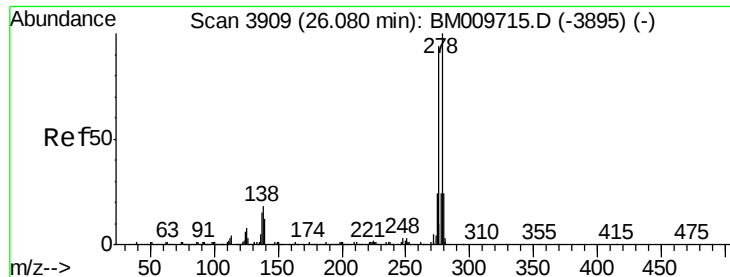
Acq: 26 Apr 2017 20:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 967529 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 20.8  | 8.2   | 12.2#  |
| 277      | 24.5  | 21.5  | 32.3   |



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





#90

Dibenzo(a,h)anthracene

Concen: 17.60 ng/ul

RT: 26.07 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

Instrument :

BNA\_M

ClientSampleId :

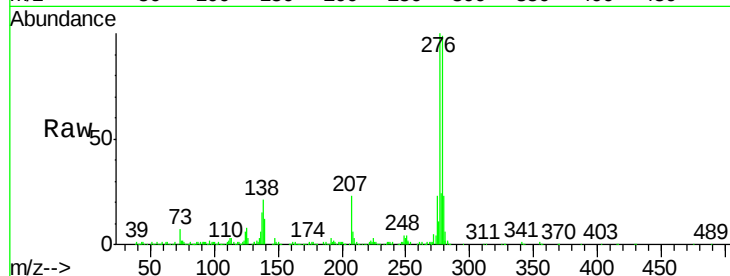
Tot Ion:278 Resp: 829709

Ion Ratio Lower Upper

278 100

139 12.0 5.8 8.8#

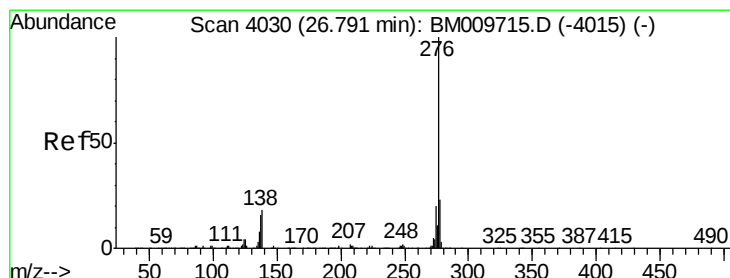
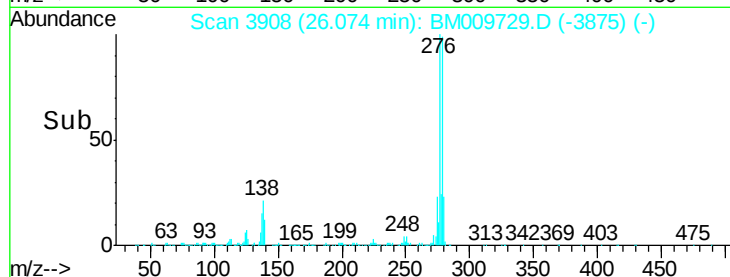
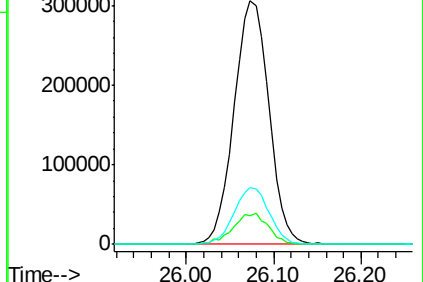
279 23.4 17.9 26.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 17.65 ng/ul

RT: 26.79 min Scan# 4030

Delta R.T. -0.00 min

Lab File: BM009729.D

Acq: 26 Apr 2017 20:36

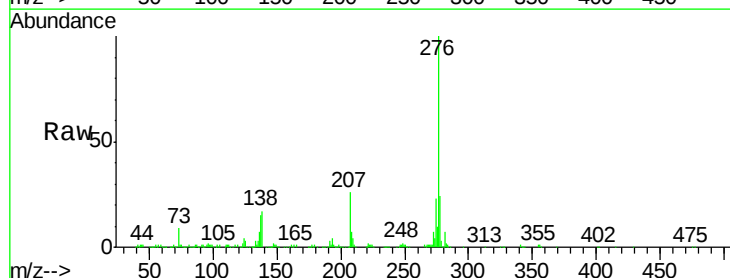
Tgt Ion:276 Resp: 785517

Ion Ratio Lower Upper

276 100

138 17.4 7.0 10.4#

277 23.7 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

