

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\  
 Data File : BM000837.D  
 Acq On : 03 Apr 2015 11:18  
 Operator : TP/IZ  
 Sample : MDL-06-W  
 Misc : MDL-WATER-0.1/0.2  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Apr 03 16:31:10 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 03 13:56:22 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 25286    | 5.00 | ng    | 0.00     |
| 11) Naphthalene-d8        | 10.39 | 136  | 119113   | 5.00 | ng    | 0.00     |
| 19) Acenaphthene-d10      | 14.28 | 164  | 60733    | 5.00 | ng    | 0.00     |
| 26) Phenanthrene-d10      | 17.00 | 188  | 126049   | 5.00 | ng    | 0.00     |
| 30) Chrysene-d12          | 21.21 | 240  | 113150   | 5.00 | ng    | 0.00     |
| 34) Perylene-d12          | 23.40 | 264  | 102751   | 5.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 4) 2-Fluorophenol           | 5.21  | 112  | 86563    | 12.43 | ng    | 0.00     |
| 5) Phenol-d6                | 6.77  | 99   | 146990   | 11.00 | ng    | 0.00     |
| 12) Nitrobenzene-d5         | 8.77  | 82   | 40338    | 7.26  | ng    | 0.00     |
| 20) 2,4,6-Tribromophenol    | 15.77 | 330  | 22656    | 8.82  | ng    | 0.00     |
| 32) Terphenyl-d14           | 19.65 | 244  | 137221   | 10.08 | ng    | 0.00     |

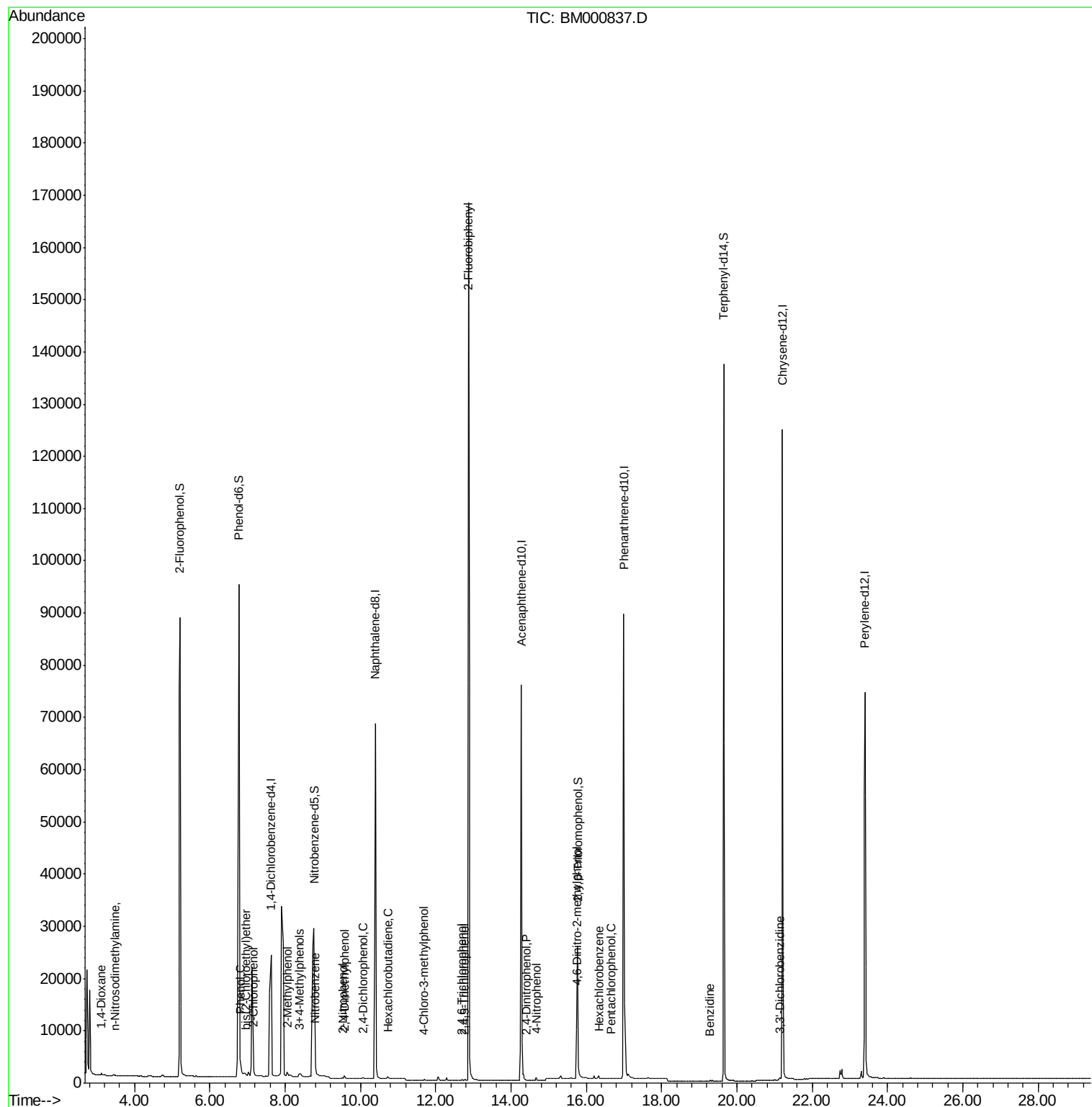
| Target Compounds               | R.T.  | QIon | Response | Conc | Units | Ovalue |
|--------------------------------|-------|------|----------|------|-------|--------|
| 2) 1,4-Dioxane                 | 3.12  | 88   | 764      | 0.08 | ng    | # 52   |
| 3) n-Nitrosodimethylamine      | 3.48  | 42   | 237      | 0.07 | ng    | # 1    |
| 6) 2-Chlorophenol              | 7.17  | 128  | 763      | 0.28 | ng    | 85     |
| 7) Phenol                      | 6.81  | 94   | 938      | 0.09 | ng    | 64     |
| 8) bis(2-Chloroethyl)ether     | 6.95  | 93   | 622      | 0.28 | ng    | # 6    |
| 9) 2-Methylphenol              | 8.06  | 107  | 577      | 0.23 | ng    | # 76   |
| 10) 3+4-Methylphenols          | 8.38  | 107  | 564      | 0.18 | ng    | # 72   |
| 13) Nitrobenzene               | 8.80  | 77   | 684      | 0.11 | ng    | # 80   |
| 14) 2-Nitrophenol              | 9.52  | 139  | 211      | 0.23 | ng    | # 4    |
| 15) 2,4-Dimethylphenol         | 9.58  | 122  | 420      | 0.06 | ng    | # 77   |
| 16) 2,4-Dichlorophenol         | 10.07 | 162  | 430      | 0.27 | ng    | # 77   |
| 17) Hexachlorobutadiene        | 10.72 | 225  | 395      | 0.09 | ng    | # 69   |
| 18) 4-Chloro-3-methylphenol    | 11.69 | 107  | 442      | 0.07 | ng    | # 89   |
| 21) 2,4,6-Trichlorophenol      | 12.70 | 196  | 193      | 0.17 | ng    | # 61   |
| 22) 2,4,5-Trichlorophenol      | 12.77 | 196  | 274      | 0.17 | ng    | 88     |
| 23) 2-Fluorobiphenyl           | 12.87 | 172  | 172703   | 9.23 | ng    | 97     |
| 24) 2,4-Dinitrophenol          | 14.40 | 184  | 1        | 0.00 | ng    | # 58   |
| 25) 4-Nitrophenol              | 14.66 | 139  | 821      | 0.77 | ng    | # 18   |
| 27) 4,6-Dinitro-2-methylphenol | 15.74 | 198  | 58       | 0.17 | ng    | # 5    |
| 28) Hexachlorobenzene          | 16.33 | 284  | 644      | 0.15 | ng    | # 71   |
| 29) Pentachlorophenol          | 16.67 | 266  | 11       | 0.45 | ng    | # 63   |
| 31) Benzidine                  | 19.29 | 184  | 688      | 0.30 | ng    | 90     |
| 33) 3,3'-Dichlorobenzidine     | 21.14 | 252  | 626      | 0.25 | ng    | # 78   |

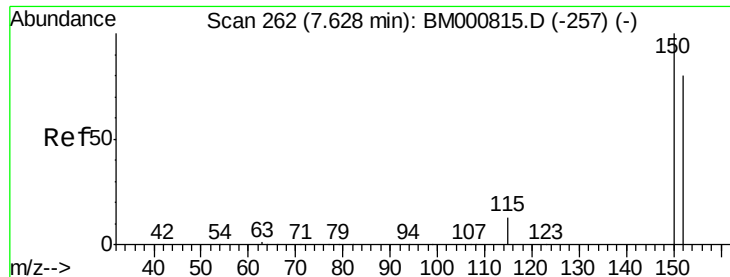
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\  
Data File : BM000837.D  
Acq On : 03 Apr 2015 11:18  
Operator : TP/IZ  
Sample : MDL-06-W  
Misc : MDL-WATER-0.1/0.2  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Apr 03 16:31:10 2015  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 03 13:56:22 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 262

Delta R.T. -0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampleId :

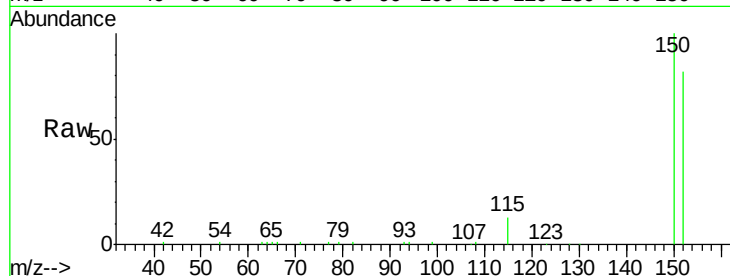
Tot Ion:152 Resp: 25286

Ion Ratio Lower Upper

152 100

150 122.7 99.8 149.6

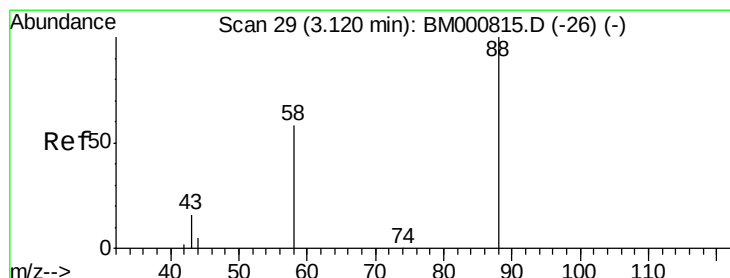
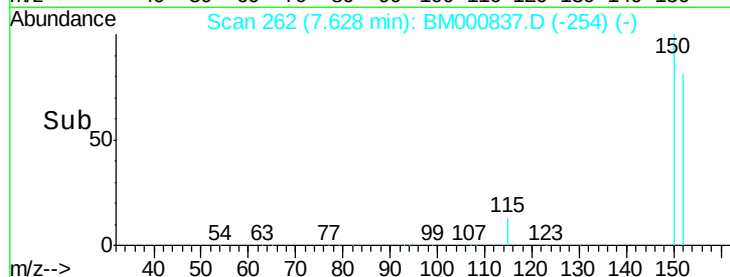
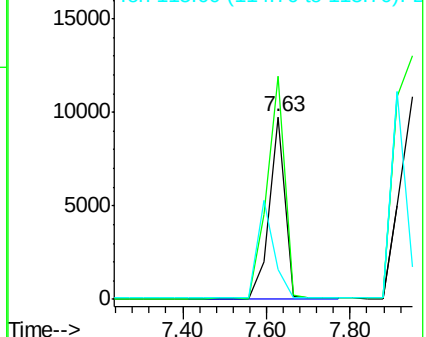
115 16.4 13.5 20.3



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: 0.08 ng

RT: 3.12 min Scan# 29

Delta R.T. 0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

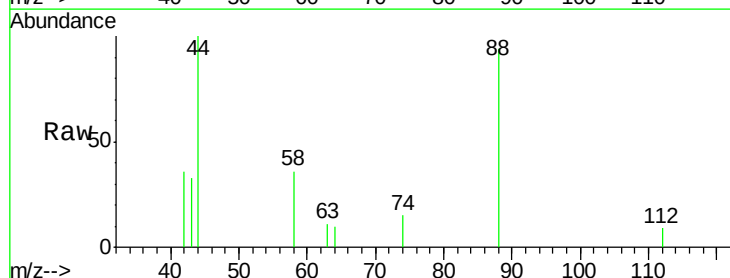
Tgt Ion: 88 Resp: 764

Ion Ratio Lower Upper

88 100

58 27.7 57.0 85.4#

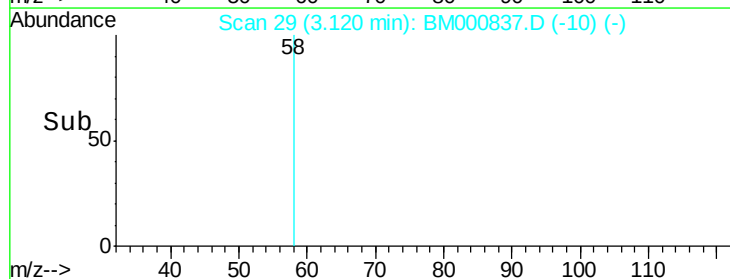
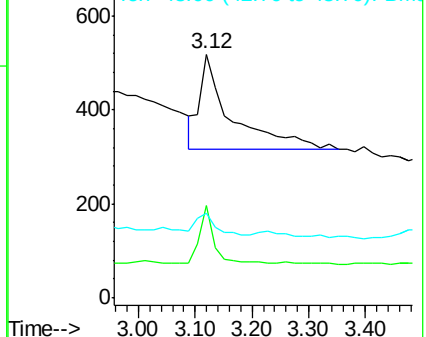
43 13.9 29.2 43.8#

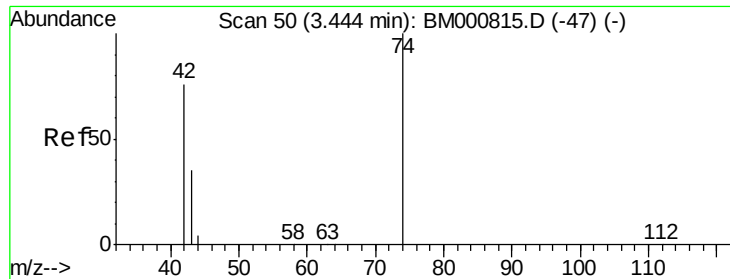


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.48 min Scan# 52

Delta R.T. 0.03 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampleId :

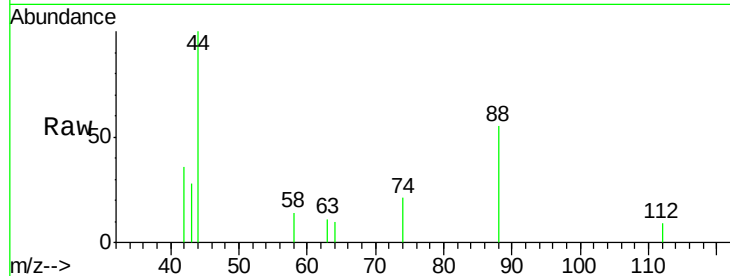
Tot Ion: 42 Resp: 237

Ion Ratio Lower Upper

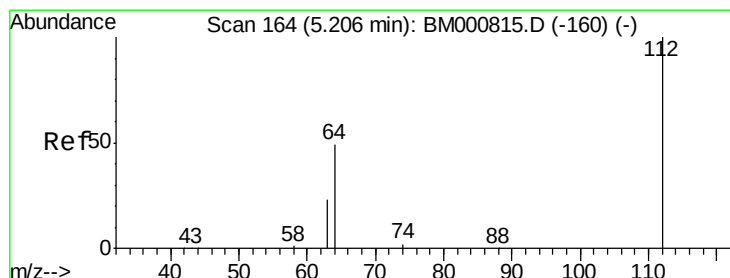
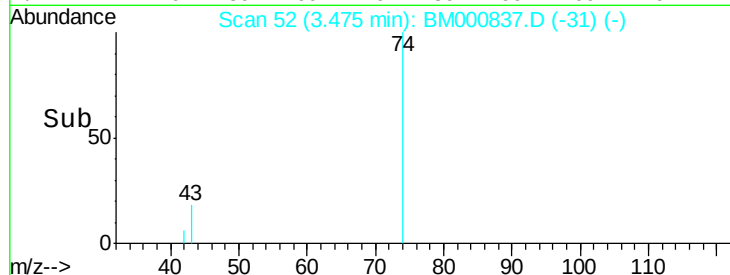
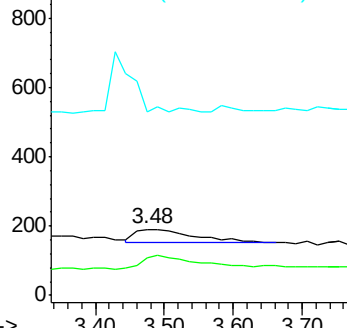
42 100

74 57.6 93.1 139.7#

44 276.4 56.6 85.0#



Abundance Ion 42.00 (41.70 to 42.70): BM000815.D (-47) (-)



#4

2-Fluorophenol

Concen: 12.43 ng

RT: 5.21 min Scan# 164

Delta R.T. -0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

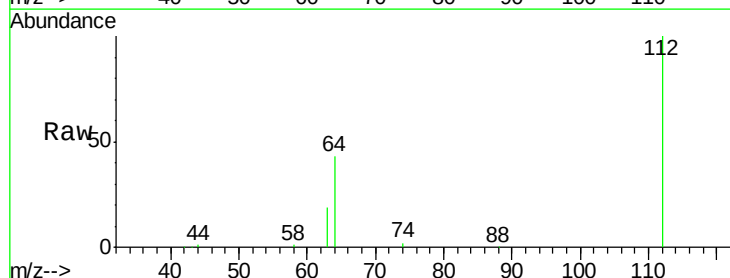
Tgt Ion: 112 Resp: 86563

Ion Ratio Lower Upper

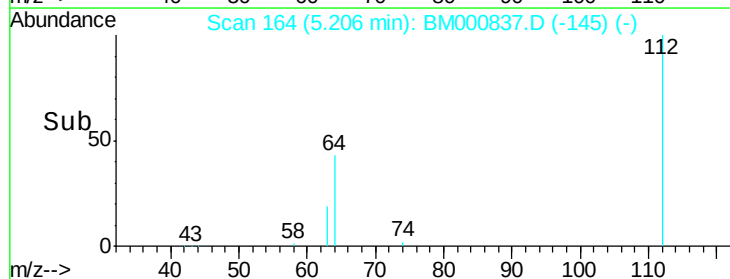
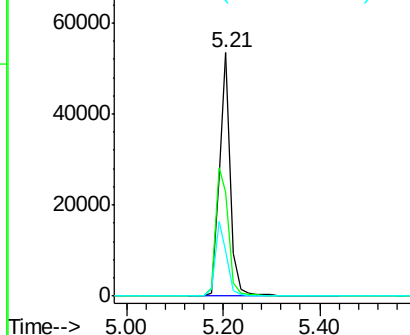
112 100

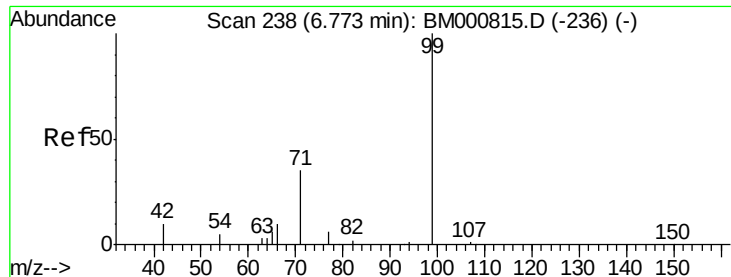
64 42.8 40.3 60.5

63 18.7 19.0 28.4#



Abundance Ion 112.00 (111.70 to 112.70): BM000815.D (-160) (-)





#5

Phenol-d6

Concen: 11.00 ng

RT: 6.77 min Scan# 238

Delta R.T. 0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampleId :

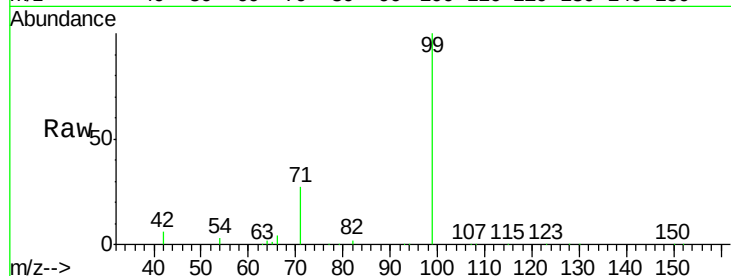
Tot Ion: 99 Resp: 146990

Ion Ratio Lower Upper

99 100

42 6.0 10.2 15.4#

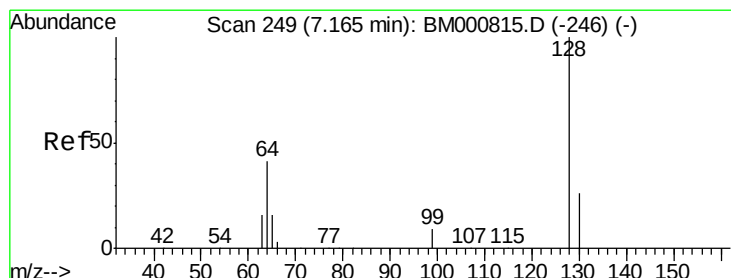
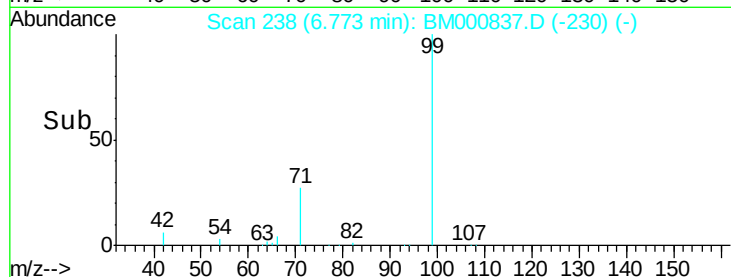
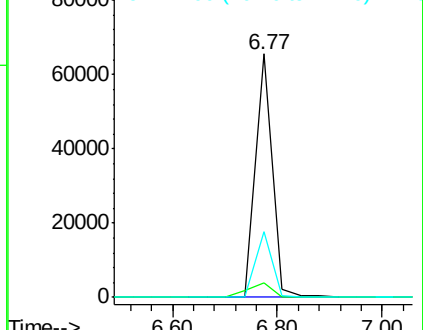
71 27.0 28.6 43.0#



Abundance Ion 99.00 (98.70 to 99.70): BM000837.D (-236) (-)

Ion 42.00 (41.70 to 42.70): BM000837.D (-236) (-)

Ion 71.00 (70.70 to 71.70): BM000837.D (-236) (-)



#6

2-Chlorophenol

Concen: 0.28 ng

RT: 7.17 min Scan# 249

Delta R.T. 0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

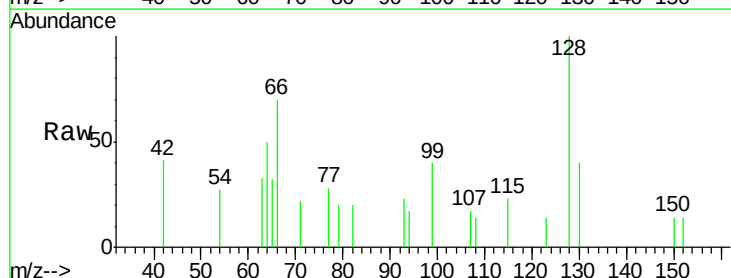
Tgt Ion: 128 Resp: 763

Ion Ratio Lower Upper

128 100

130 39.6 7.6 47.6

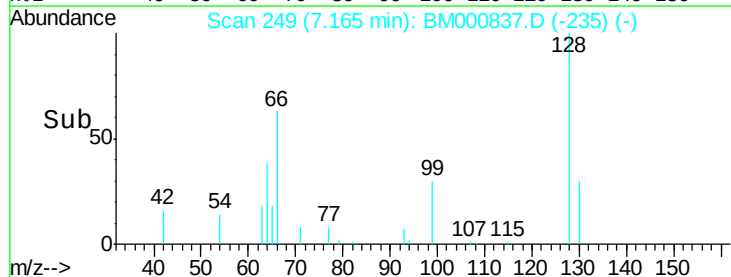
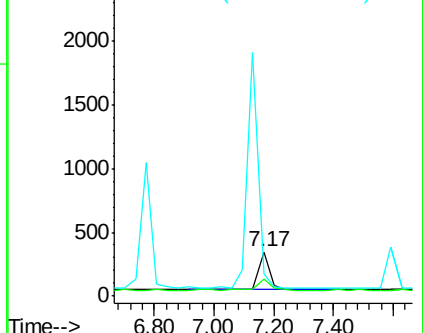
64 49.7 23.1 63.1

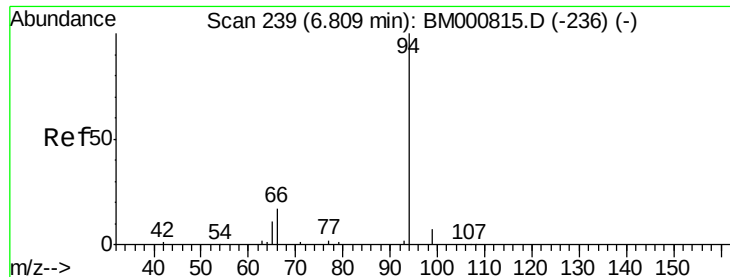


Abundance Ion 128.00 (127.70 to 128.70): BM000837.D (-246) (-)

Ion 130.00 (129.70 to 130.70): BM000837.D (-246) (-)

Ion 64.00 (63.70 to 64.70): BM000837.D (-246) (-)





#7

Phenol

Concen: 0.09 ng

RT: 6.81 min Scan# 239

Delta R.T. -0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampleId :

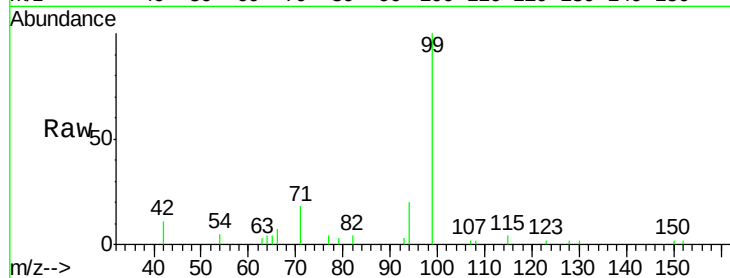
Tot Ion: 94 Resp: 938

Ion Ratio Lower Upper

94 100

65 22.1 0.0 32.0

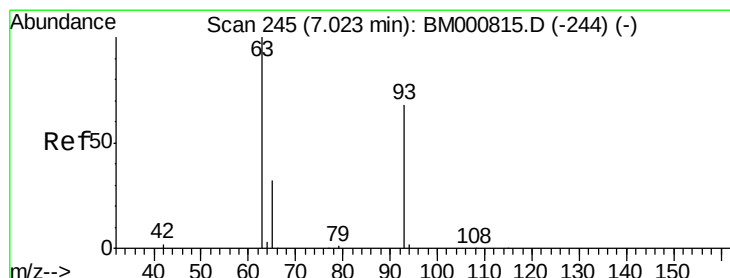
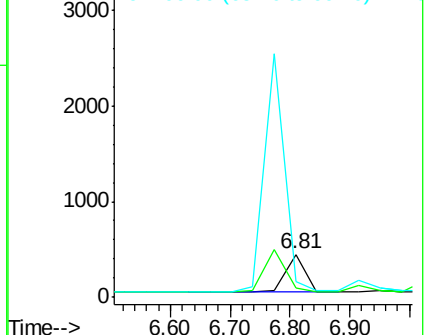
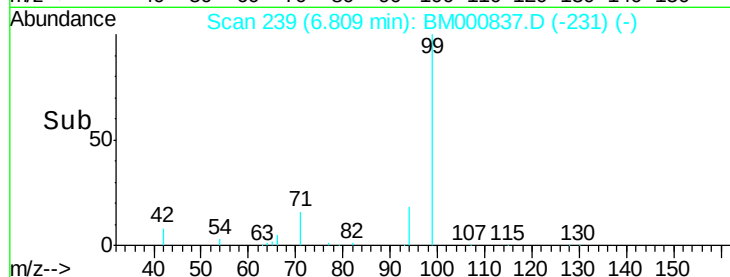
66 36.5 0.0 37.6



Abundance Ion 94.00 (93.70 to 94.70): BM000837.D (-231) (-)

Ion 65.00 (64.70 to 65.70): BM000837.D (-231) (-)

Ion 66.00 (65.70 to 66.70): BM000837.D (-231) (-)



#8

bis(2-Chloroethyl)ether

Concen: 0.28 ng

RT: 6.95 min Scan# 243

Delta R.T. -0.07 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

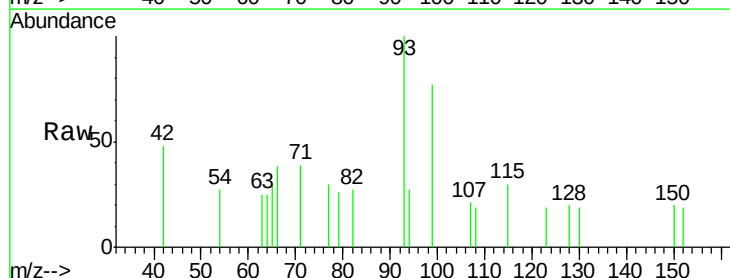
Tgt Ion: 93 Resp: 622

Ion Ratio Lower Upper

93 100

63 25.0 118.9 158.9#

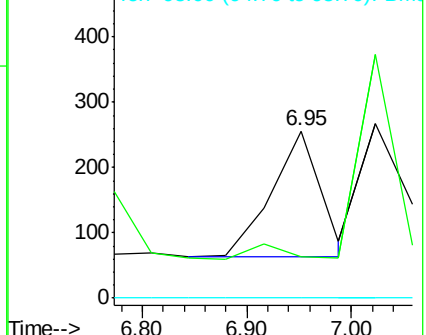
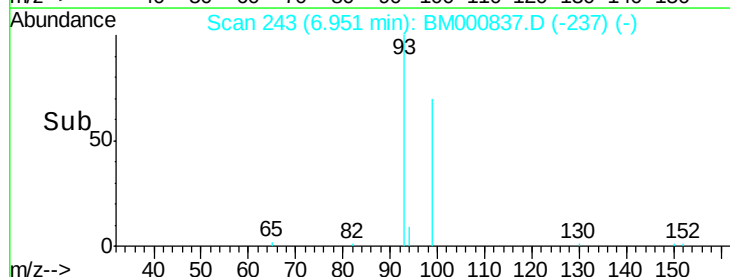
95 0.0 0.0 20.0

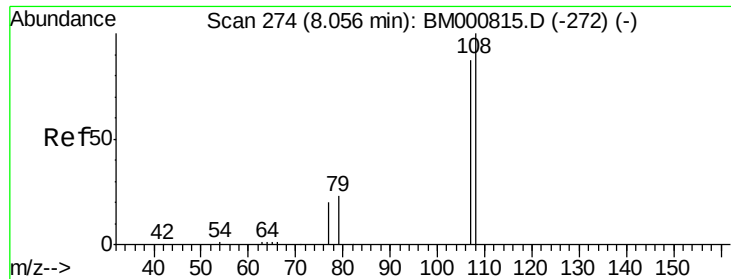


Abundance Ion 93.00 (92.70 to 93.70): BM000837.D (-237) (-)

Ion 63.00 (62.70 to 63.70): BM000837.D (-237) (-)

Ion 95.00 (94.70 to 95.70): BM000837.D (-237) (-)





#9

2-Methylphenol

Concen: 0.23 ng

RT: 8.06 min Scan# 274

Delta R.T. -0.00 min

Lab File: BM000837.D

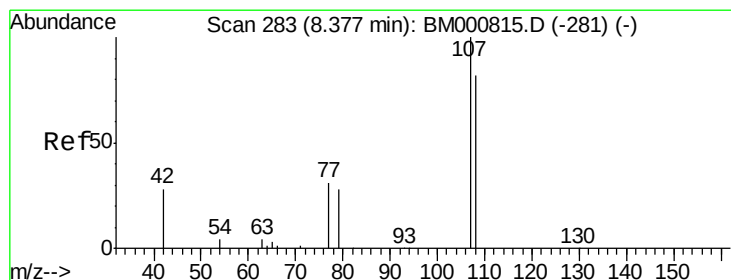
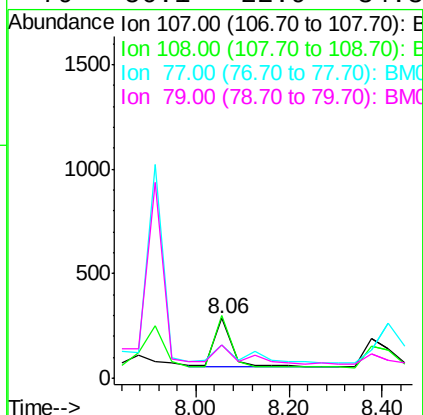
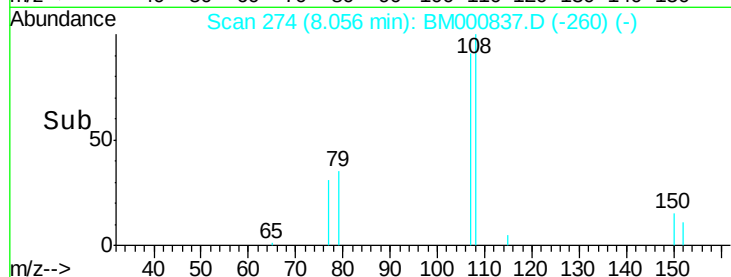
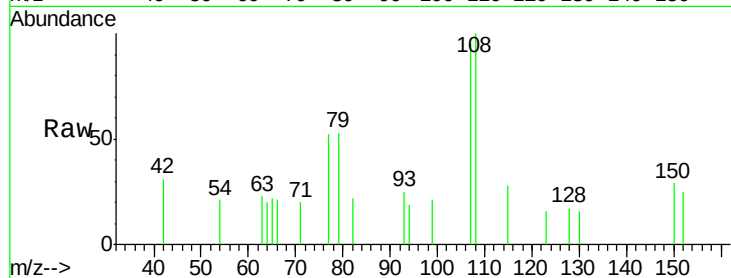
Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tot Ion:107 | Resp: | 577        |
| Ion Ratio   | Lower | Upper      |
| 107         | 100   |            |
| 108         | 105.2 | 92.0 138.0 |
| 77          | 54.7  | 20.6 31.0# |
| 79          | 56.1  | 22.9 34.3# |



#10

3+4-Methylphenols

Concen: 0.18 ng

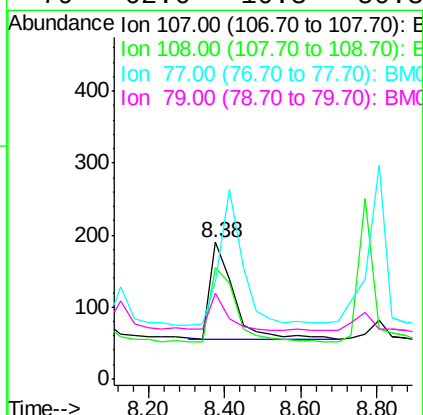
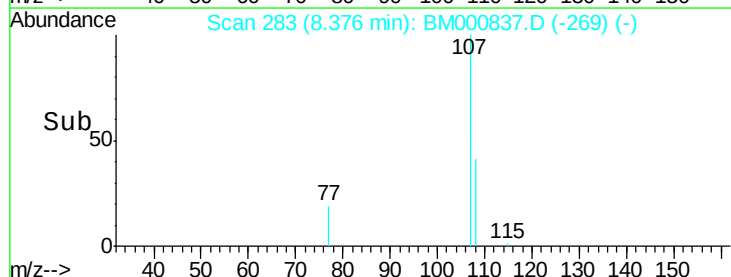
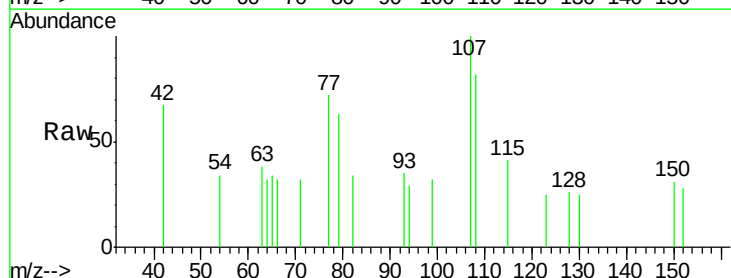
RT: 8.38 min Scan# 283

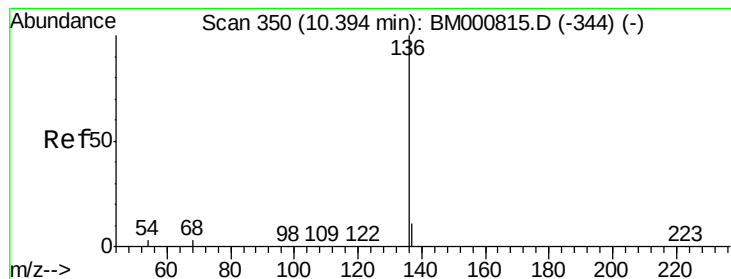
Delta R.T. 0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:107 | Resp: | 564        |
| Ion Ratio   | Lower | Upper      |
| 107         | 100   |            |
| 108         | 81.6  | 62.6 102.6 |
| 77          | 71.6  | 12.8 52.8# |
| 79          | 62.6  | 10.3 50.3# |





#11

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 350

Delta R.T. -0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 119113

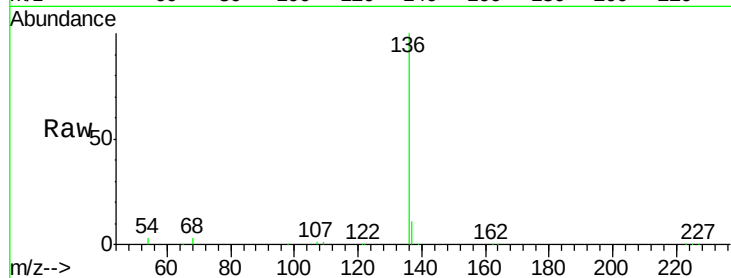
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 2.7 2.2 3.4

68 2.6 2.2 3.2

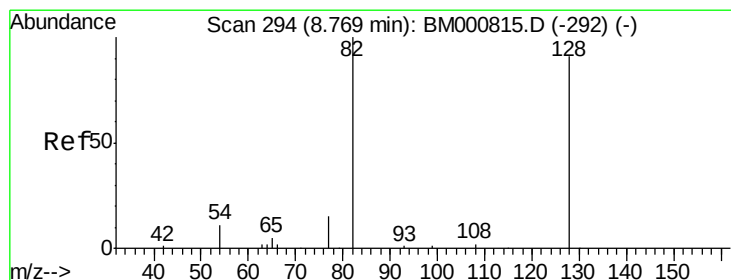
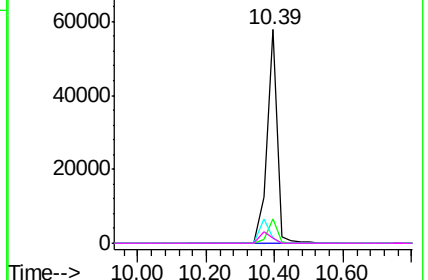
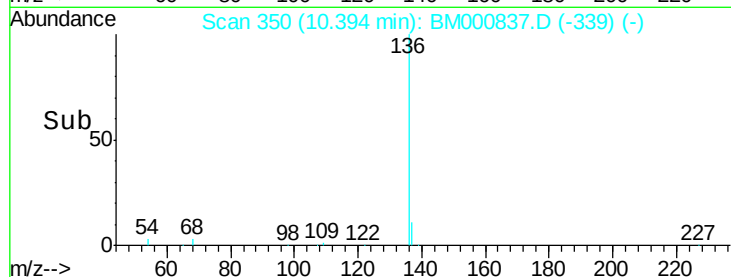


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#12

Nitrobenzene-d5

Concen: 7.26 ng

RT: 8.77 min Scan# 294

Delta R.T. -0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

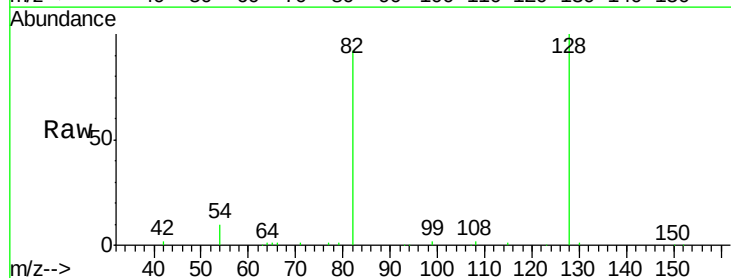
Tgt Ion: 82 Resp: 40338

Ion Ratio Lower Upper

82 100

128 109.1 72.5 108.7#

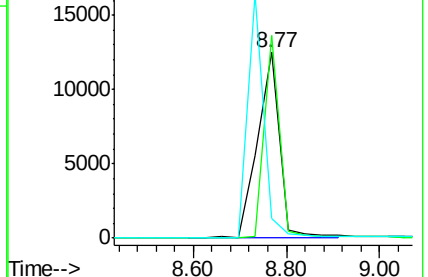
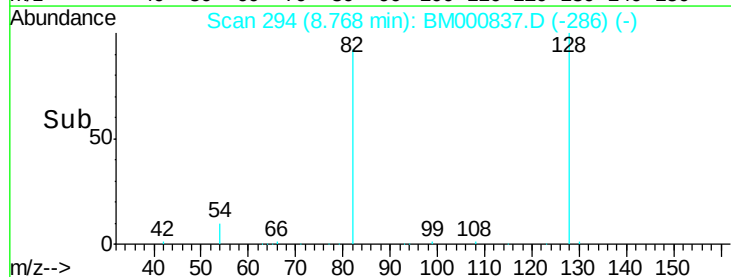
54 10.9 11.8 17.8#



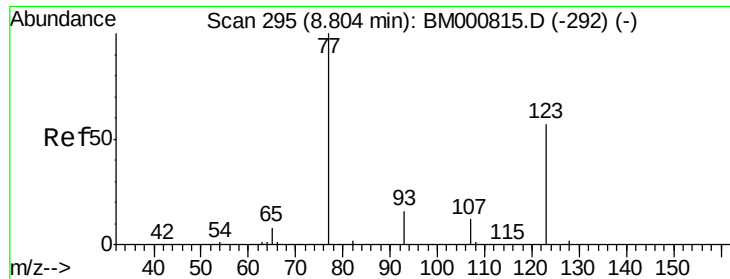
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



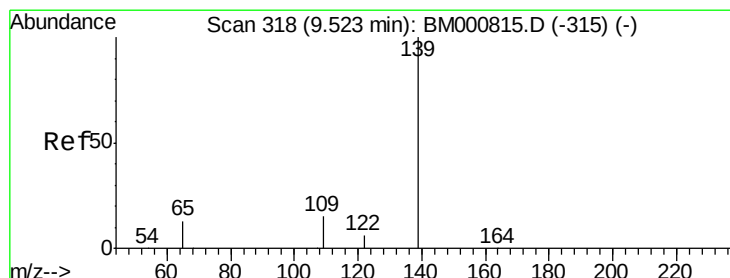
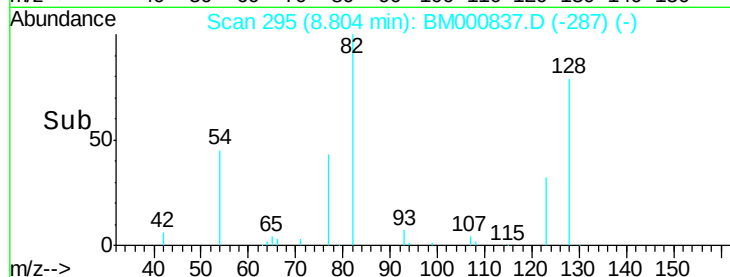
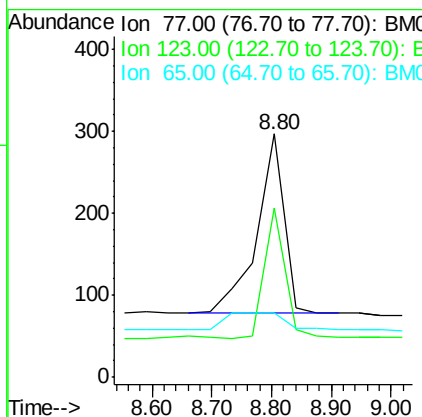
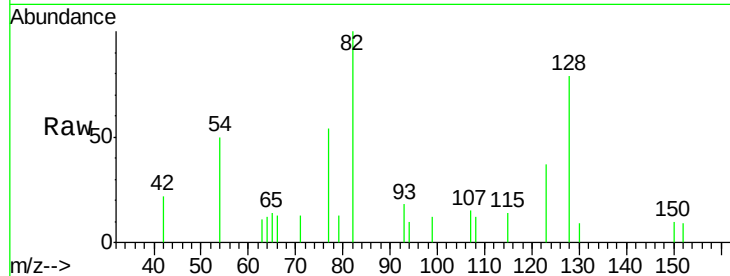




#13  
Nitrobenzene  
Concen: 0.11 ng  
RT: 8.80 min Scan# 295  
Delta R.T. -0.00 min  
Lab File: BM000837.D  
Acq: 03 Apr 2015 11:18

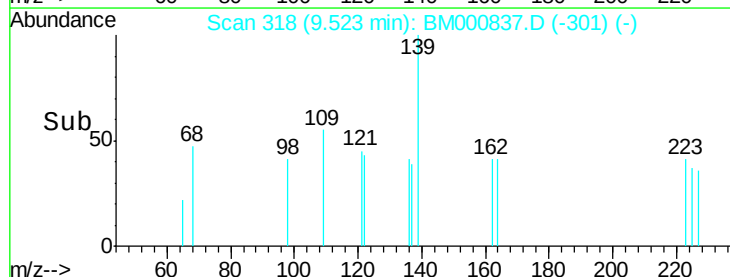
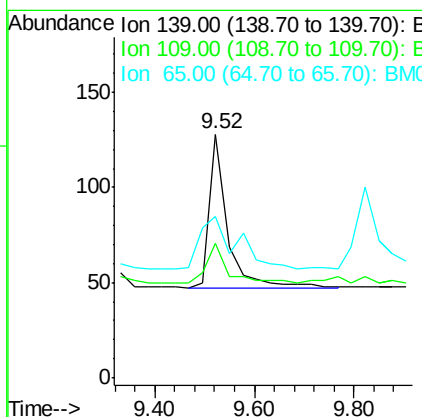
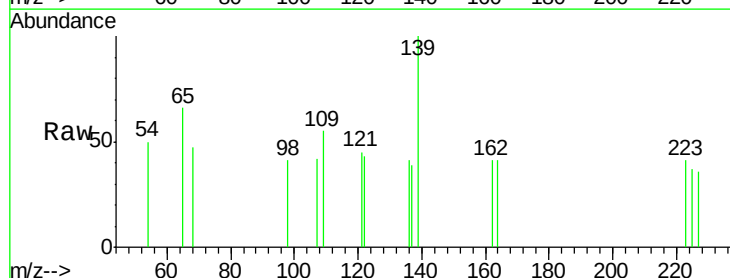
Instrument :  
BNA\_M  
ClientSampleId :

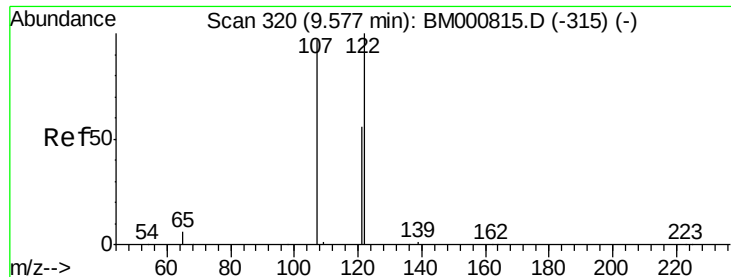
Tot Ion: 77 Resp: 684  
Ion Ratio Lower Upper  
77 100  
123 69.4 45.8 68.6#  
65 26.3 8.2 12.4#



#14  
2-Nitrophenol  
Concen: 0.23 ng  
RT: 9.52 min Scan# 318  
Delta R.T. 0.00 min  
Lab File: BM000837.D  
Acq: 03 Apr 2015 11:18

Tgt Ion: 139 Resp: 211  
Ion Ratio Lower Upper  
139 100  
109 55.5 15.0 22.6#  
65 66.4 14.2 21.4#

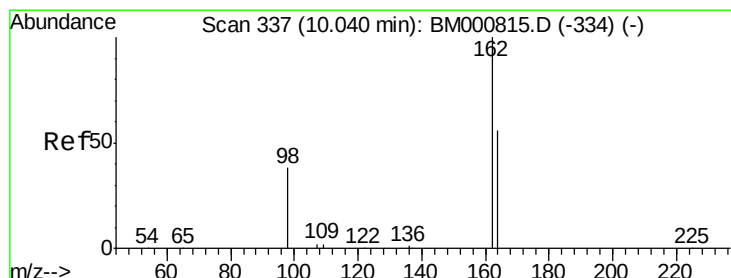
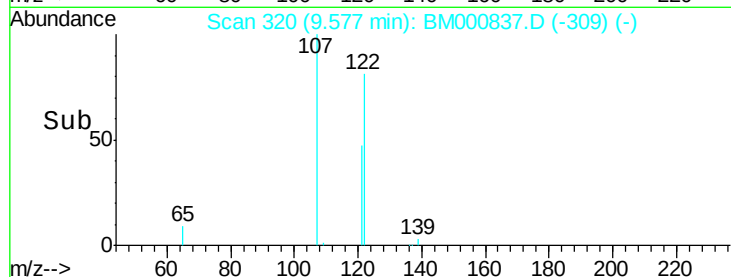
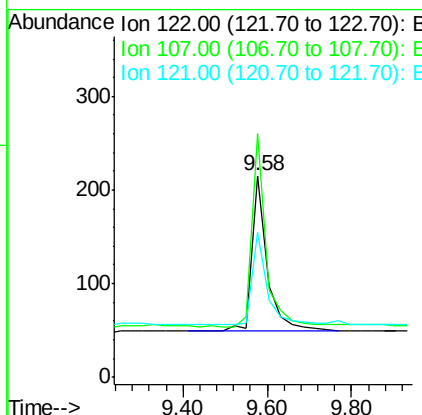
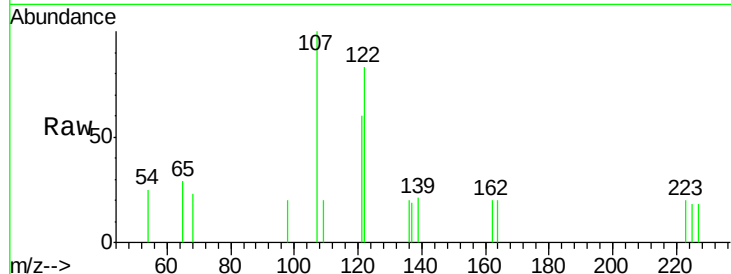




#15  
 2,4-Dimethylphenol  
 Concen: 0.06 ng  
 RT: 9.58 min Scan# 320  
 Delta R.T. -0.00 min  
 Lab File: BM000837.D  
 Acq: 03 Apr 2015 11:18

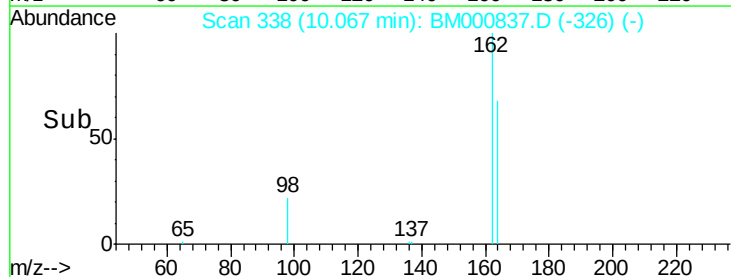
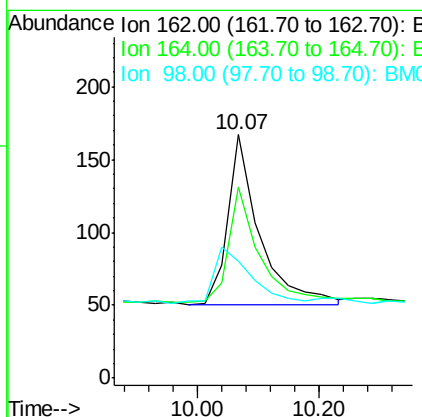
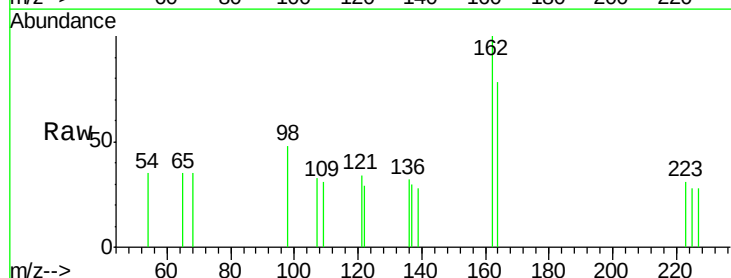
Instrument :  
 BNA\_M  
 ClientSampleId :

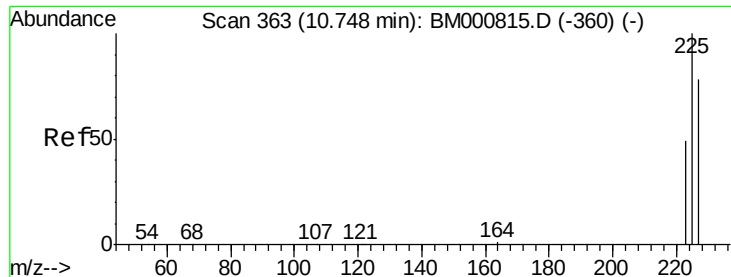
Tot Ion:122 Resp: 420  
 Ion Ratio Lower Upper  
 122 100  
 107 120.9 78.2 117.4#  
 121 72.1 45.4 68.0#



#16  
 2,4-Dichlorophenol  
 Concen: 0.27 ng  
 RT: 10.07 min Scan# 338  
 Delta R.T. 0.03 min  
 Lab File: BM000837.D  
 Acq: 03 Apr 2015 11:18

Tgt Ion:162 Resp: 430  
 Ion Ratio Lower Upper  
 162 100  
 164 78.4 37.1 77.1#  
 98 47.9 19.5 59.5

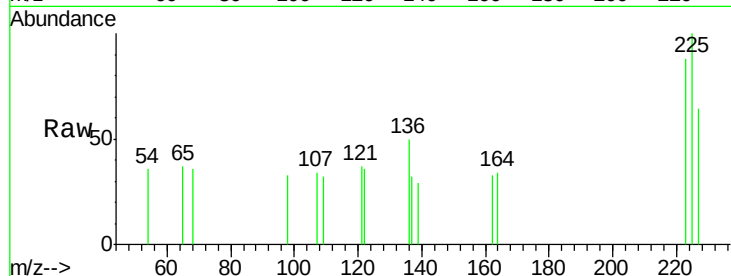




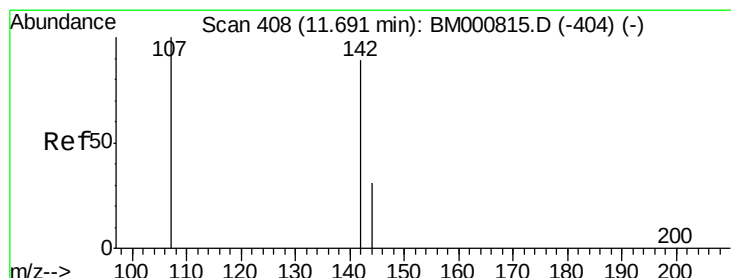
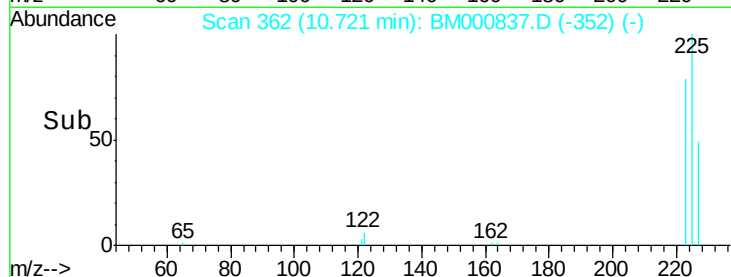
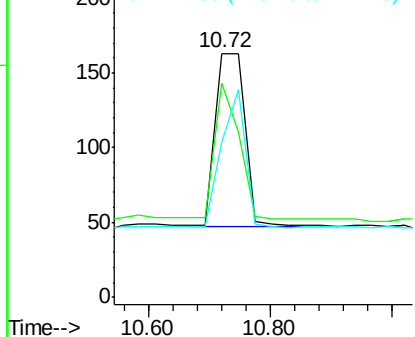
#17  
Hexachlorobutadiene  
Concen: 0.09 ng  
RT: 10.72 min Scan# 362  
Delta R.T. -0.03 min  
Lab File: BM000837.D  
Acq: 03 Apr 2015 11:18

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:225 Resp: 395  
Ion Ratio Lower Upper  
225 100  
223 87.7 40.8 61.2#  
227 63.8 62.8 94.2

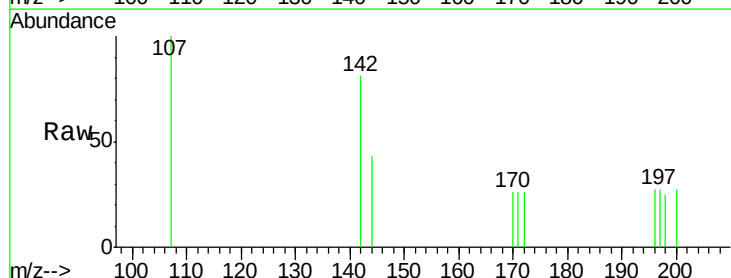


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

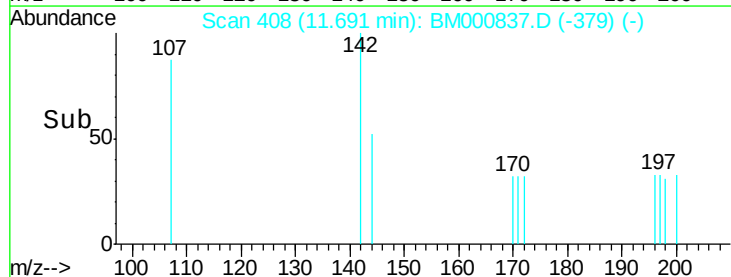
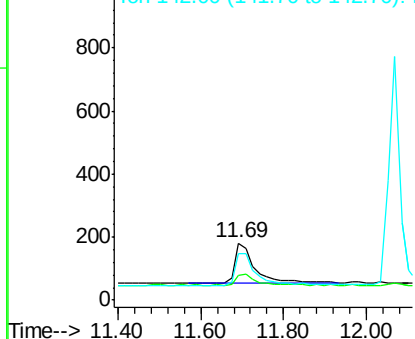


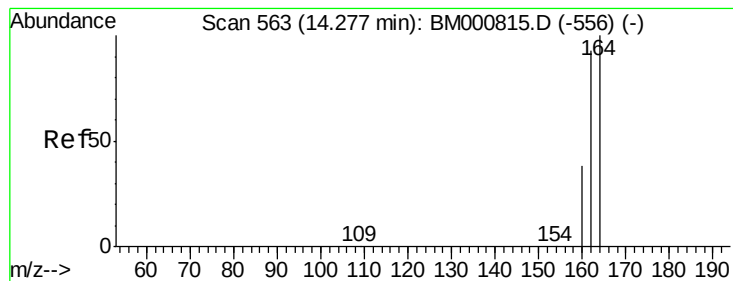
#18  
4-Chloro-3-methylphenol  
Concen: 0.07 ng  
RT: 11.69 min Scan# 408  
Delta R.T. -0.00 min  
Lab File: BM000837.D  
Acq: 03 Apr 2015 11:18

Tgt Ion:107 Resp: 442  
Ion Ratio Lower Upper  
107 100  
144 42.5 25.8 38.8#  
142 81.2 71.3 106.9



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





#19

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.28 min Scan# 563

Delta R.T. -0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampleId :

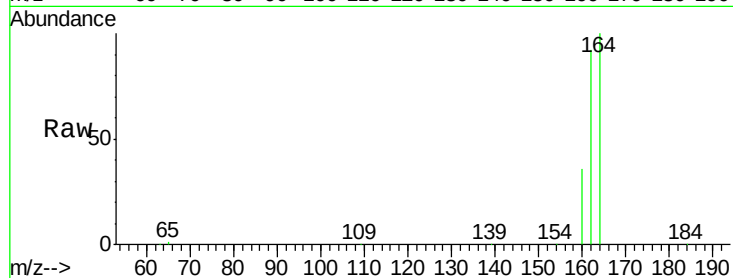
Tot Ion:164 Resp: 60733

Ion Ratio Lower Upper

164 100

162 91.6 74.2 111.2

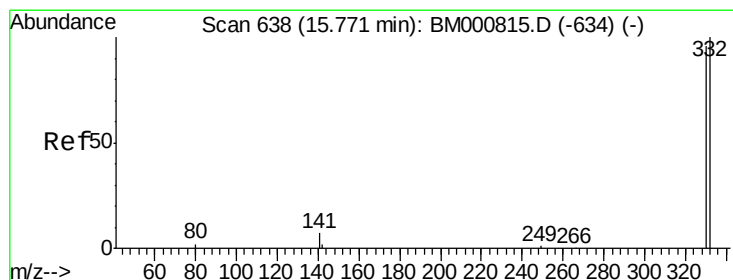
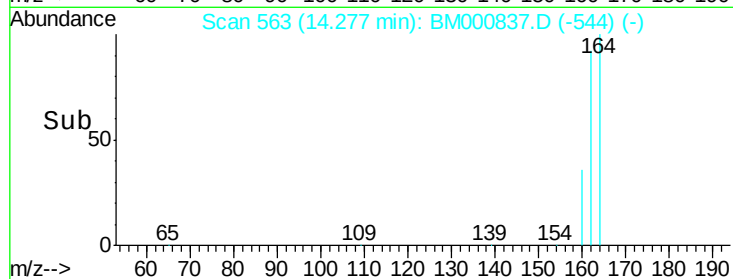
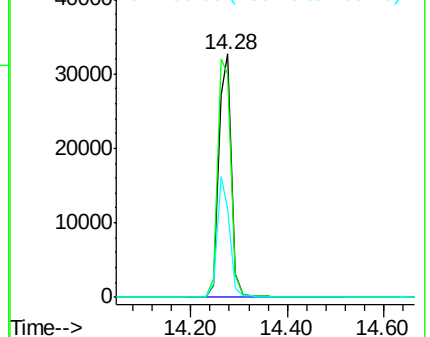
160 36.4 30.4 45.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#20

2,4,6-Tribromophenol

Concen: 8.82 ng

RT: 15.77 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

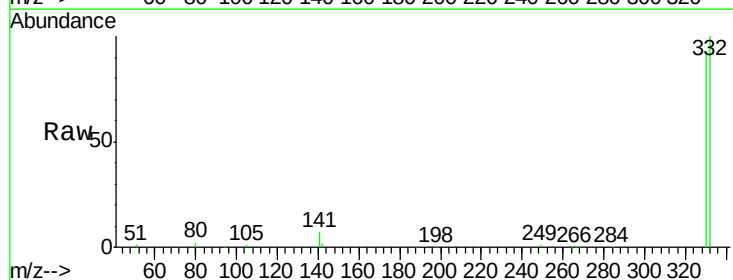
Tgt Ion:330 Resp: 22656

Ion Ratio Lower Upper

330 100

332 102.3 78.7 118.1

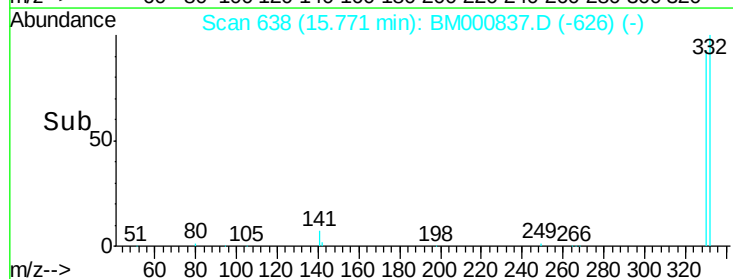
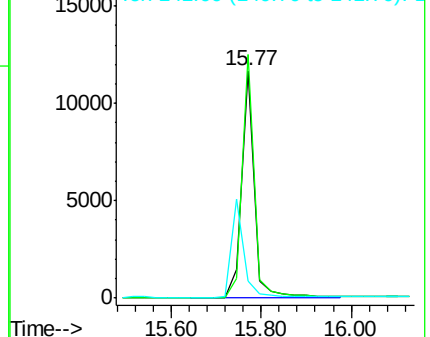
141 0.0 0.0 0.0

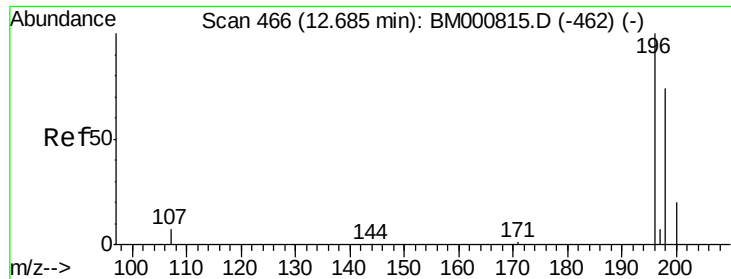


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#21

2,4,6-Trichlorophenol

Concen: 0.17 ng

RT: 12.70 min Scan# 467

Delta R.T. 0.02 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampleId :

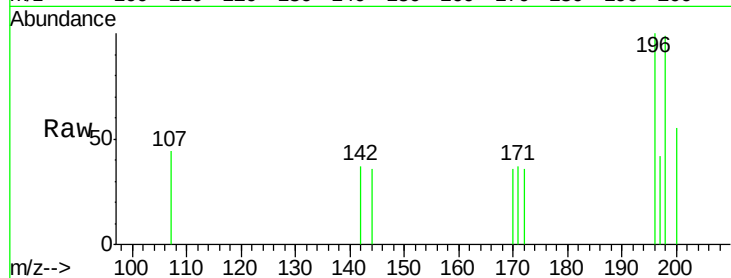
Tot Ion:196 Resp: 193

Ion Ratio Lower Upper

196 100

198 99.2 59.5 89.3#

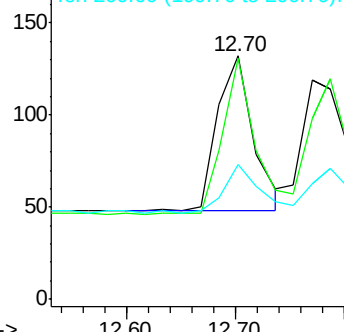
200 55.3 17.4 26.0#



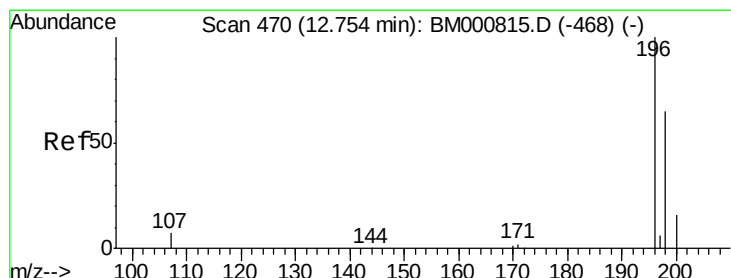
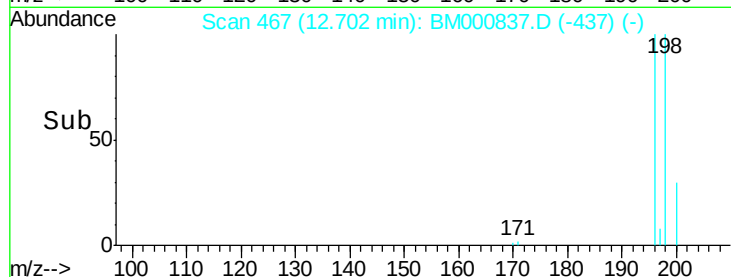
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



Time-->



#22

2,4,5-Trichlorophenol

Concen: 0.17 ng

RT: 12.77 min Scan# 471

Delta R.T. 0.02 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Tgt Ion:196 Resp: 274

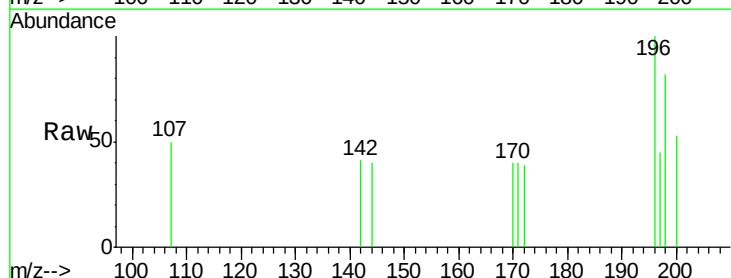
Ion Ratio Lower Upper

196 100

198 82.4 57.9 86.9

97 0.0 0.0 0.0

132 0.0 0.0 0.0

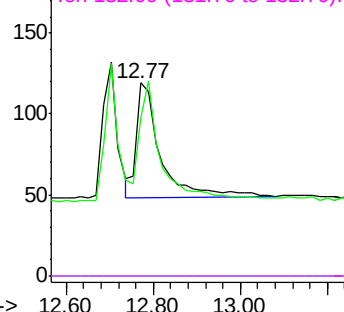


Abundance Ion 196.00 (195.70 to 196.70): E

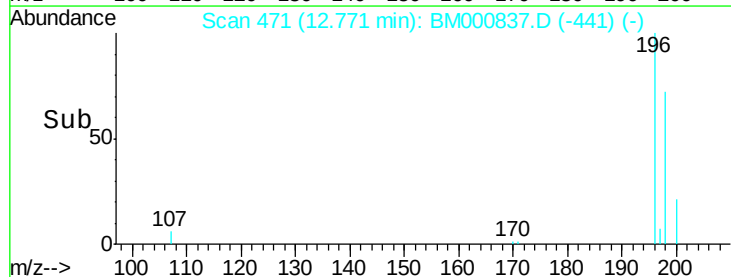
Ion 198.00 (197.70 to 198.70): E

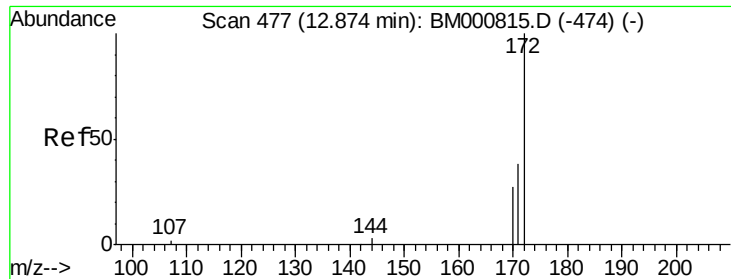
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



Time-->





#23

2-Fluorobiphenyl

Concen: 9.23 ng

RT: 12.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampleId :

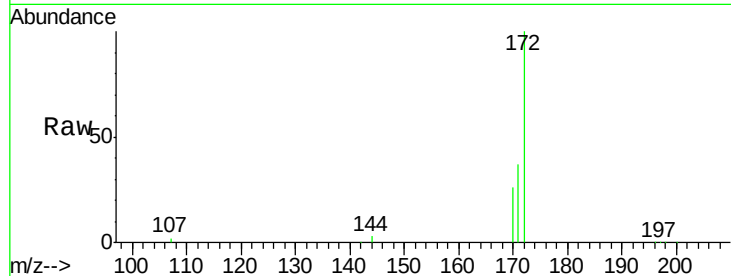
Tot Ion:172 Resp: 172703

Ion Ratio Lower Upper

172 100

171 36.9 30.6 46.0

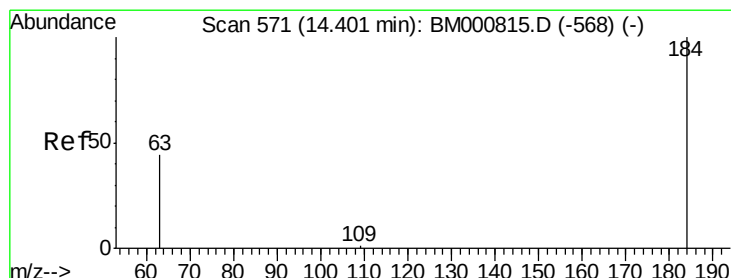
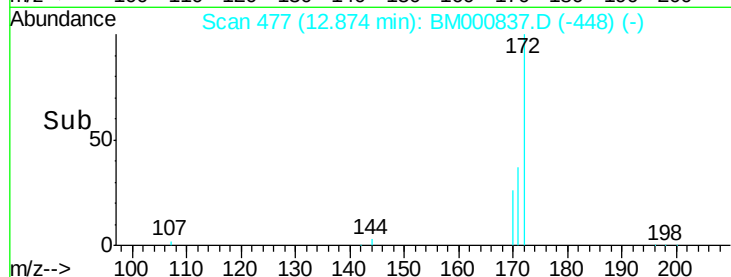
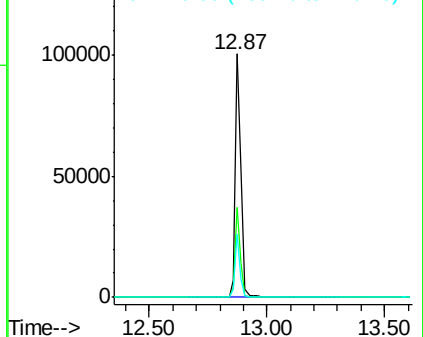
170 26.0 22.2 33.2



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



#24

2,4-Dinitrophenol

Concen: 0.00 ng

RT: 14.40 min Scan# 571

Delta R.T. -0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

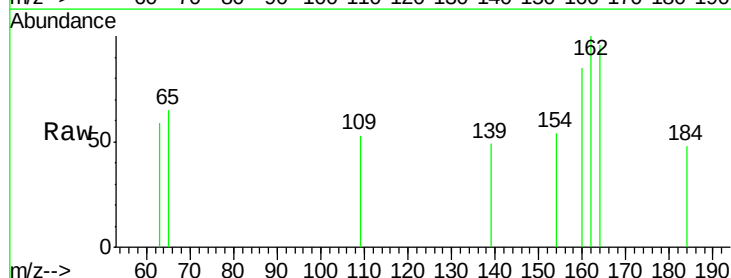
Tgt Ion:184 Resp: 1

Ion Ratio Lower Upper

184 100

63 120.8 62.7 94.1#

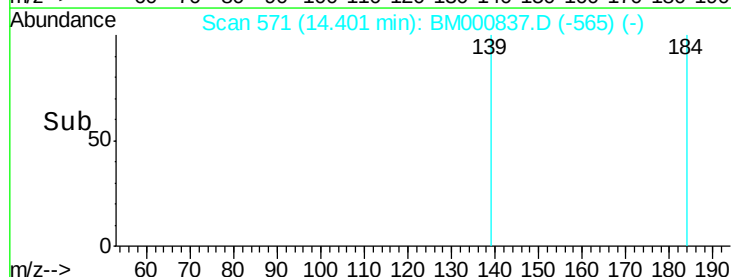
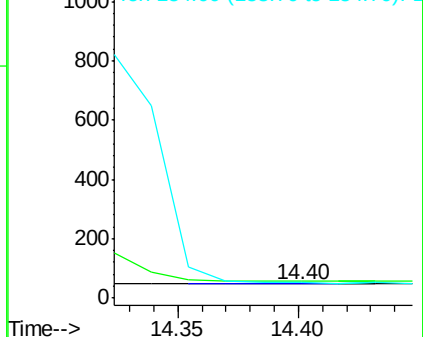
154 110.4 63.6 95.4#

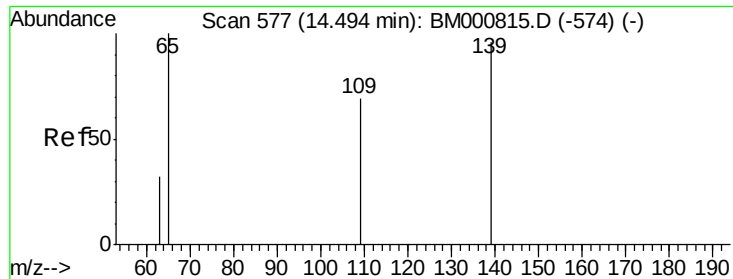


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#25

4-Nitrophenol

Concen: 0.77 ng

RT: 14.66 min Scan# 588

Delta R.T. 0.17 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampleId :

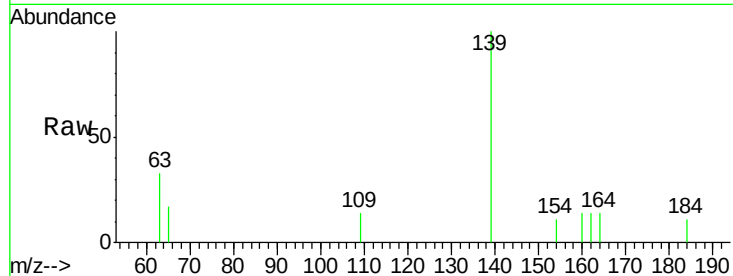
Tot Ion:139 Resp: 821

Ion Ratio Lower Upper

139 100

109 13.8 58.2 98.2#

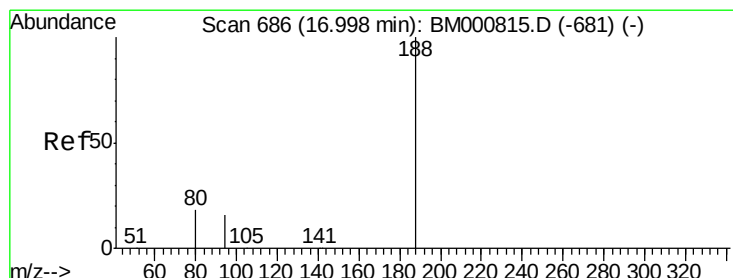
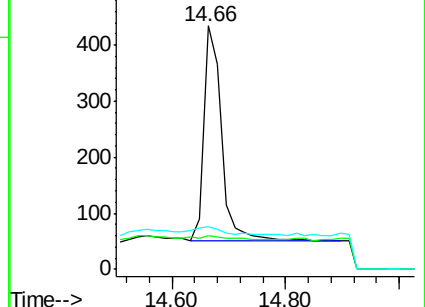
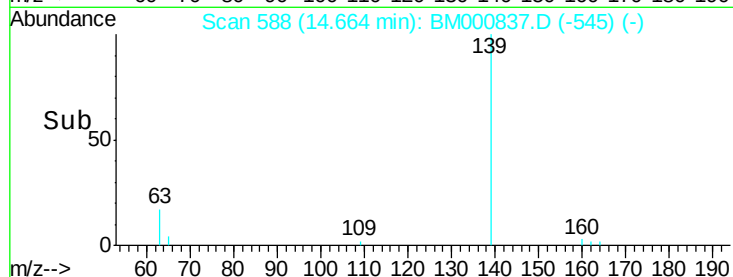
65 17.3 90.4 130.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#26

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.00 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

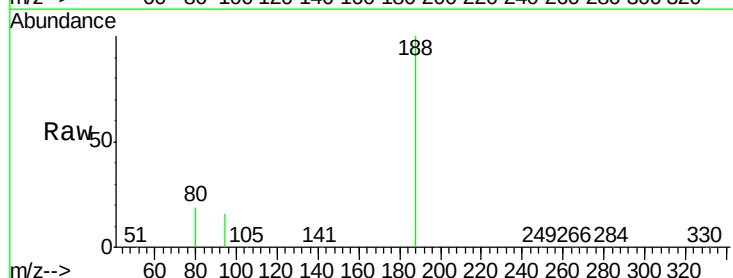
Tgt Ion:188 Resp: 126049

Ion Ratio Lower Upper

188 100

94 16.5 13.0 19.6

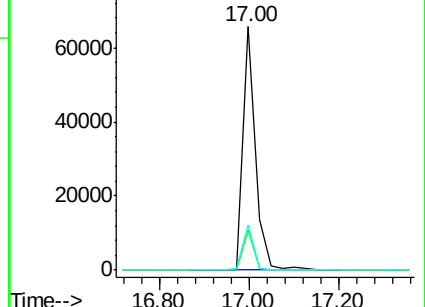
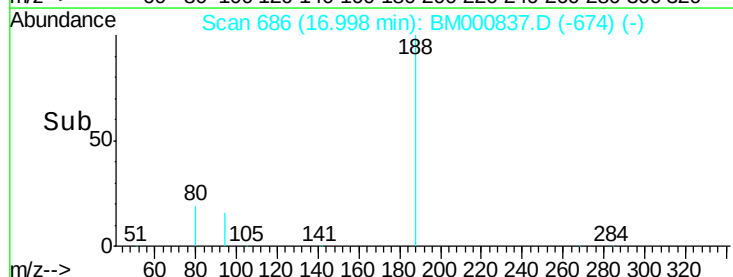
80 18.6 14.7 22.1

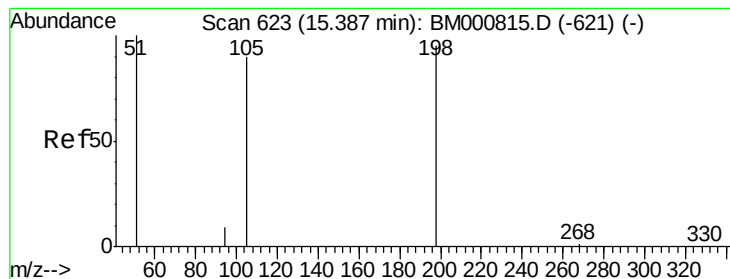


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#27

4,6-Dinitro-2-methylphenol

Concen: 0.17 ng

RT: 15.74 min Scan# 637

Delta R.T. 0.36 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampled :

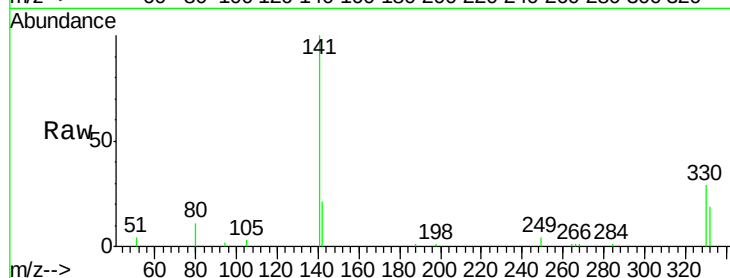
Tot Ion:198 Resp: 58

Ion Ratio Lower Upper

198 100

51 284.7 139.3 179.3#

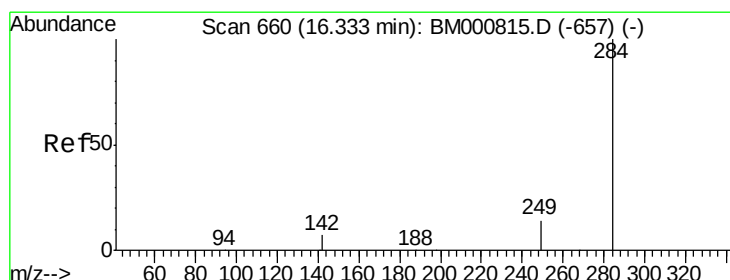
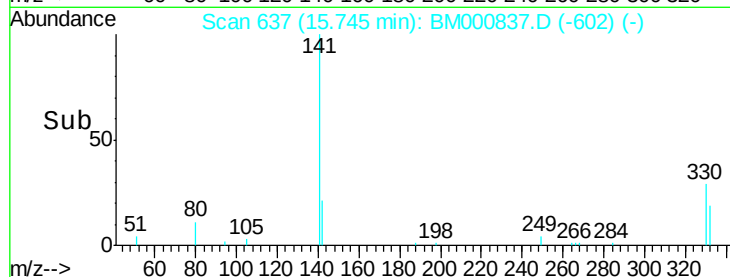
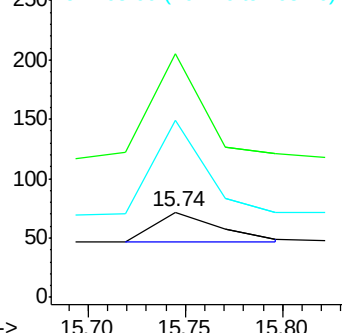
105 206.9 88.8 128.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#28

Hexachlorobenzene

Concen: 0.15 ng

RT: 16.33 min Scan# 660

Delta R.T. 0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

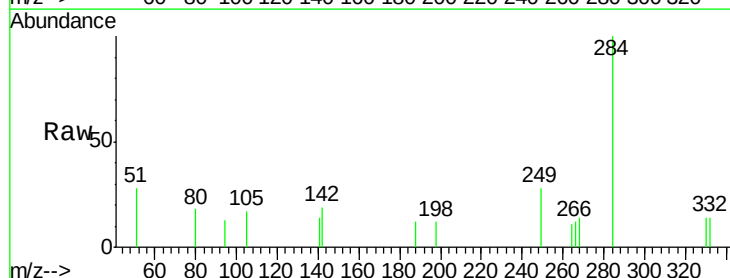
Tgt Ion:284 Resp: 644

Ion Ratio Lower Upper

284 100

142 18.8 6.5 9.7#

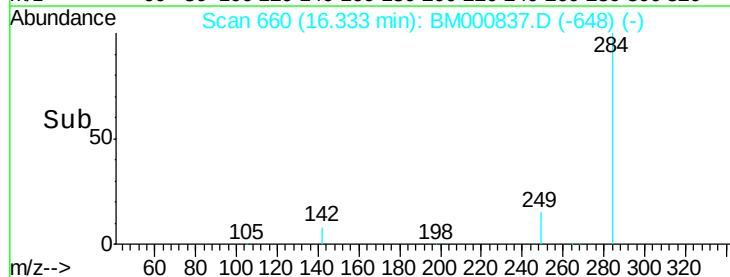
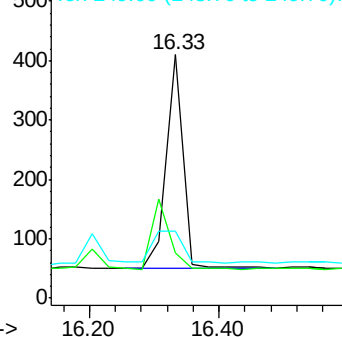
249 27.6 12.6 18.8#



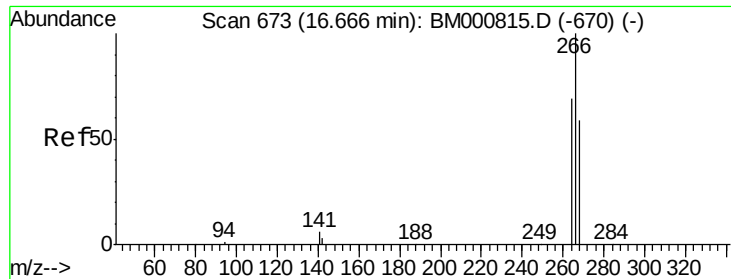
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



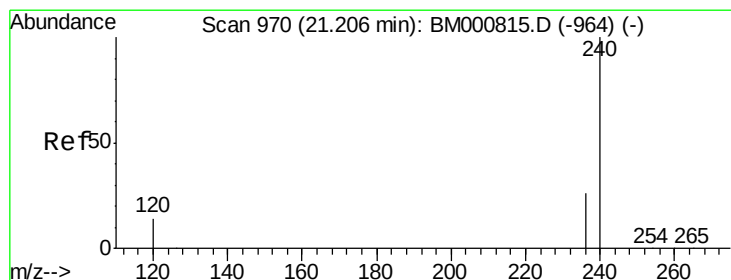
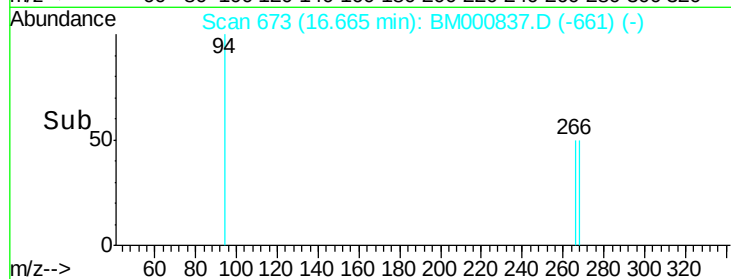
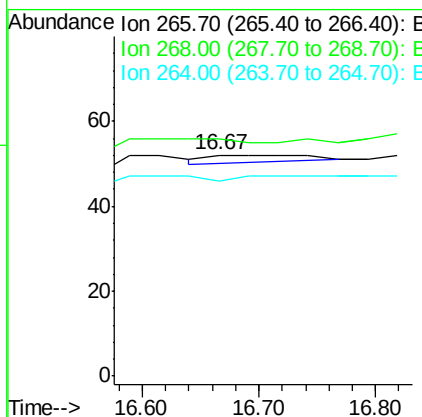
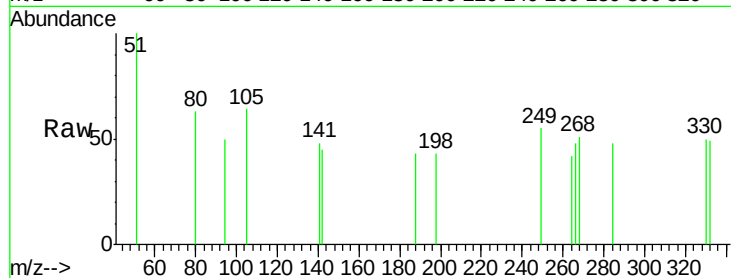




#29  
 Pentachlorophenol  
 Concen: 0.45 ng  
 RT: 16.67 min Scan# 673  
 Delta R.T. 0.00 min  
 Lab File: BM000837.D  
 Acq: 03 Apr 2015 11:18

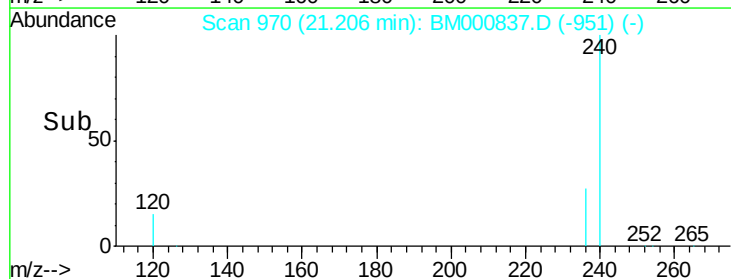
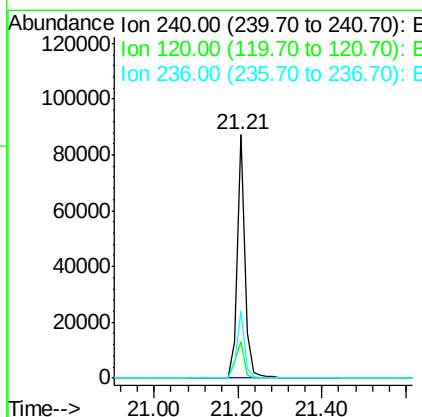
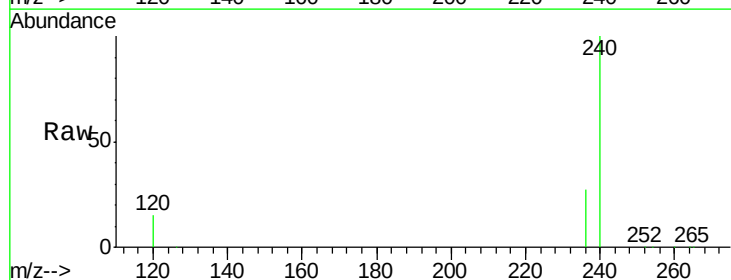
Instrument :  
 BNA\_M  
 ClientSampleId :

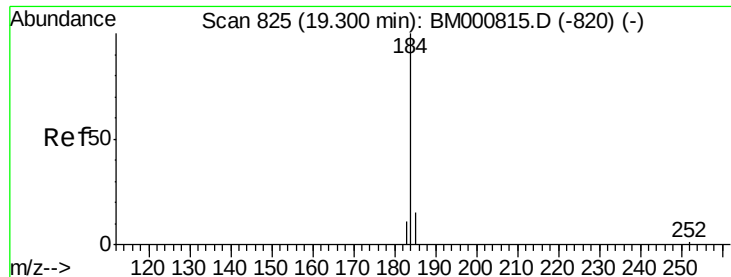
Tot Ion:266 Resp: 11  
 Ion Ratio Lower Upper  
 266 100  
 268 107.7 51.4 77.0#  
 264 88.5 57.1 85.7#



#30  
 Chrysene-d12  
 Concen: 5.00 ng  
 RT: 21.21 min Scan# 970  
 Delta R.T. -0.00 min  
 Lab File: BM000837.D  
 Acq: 03 Apr 2015 11:18

Tgt Ion:240 Resp: 113150  
 Ion Ratio Lower Upper  
 240 100  
 120 15.1 11.3 16.9  
 236 27.4 21.1 31.7





#31

Benzidine

Concen: 0.30 ng

RT: 19.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

Instrument :

BNA\_M

ClientSampleId :

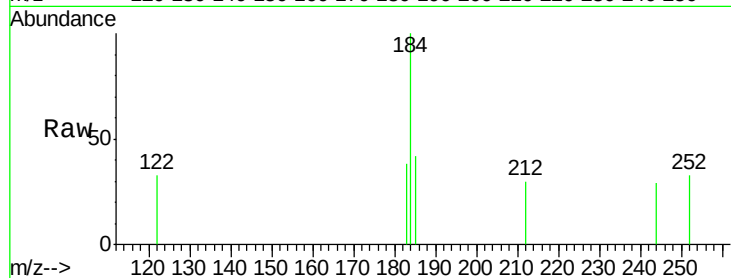
Tot Ion:184 Resp: 688

Ion Ratio Lower Upper

184 100

185 41.9 39.1 58.7

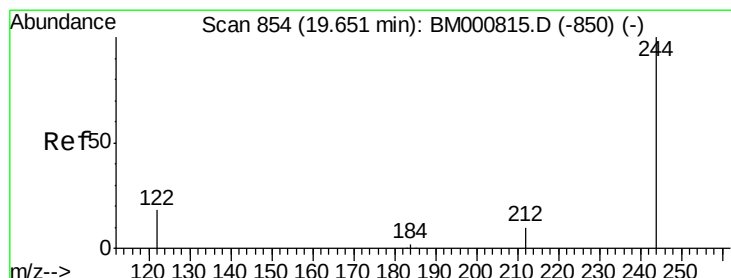
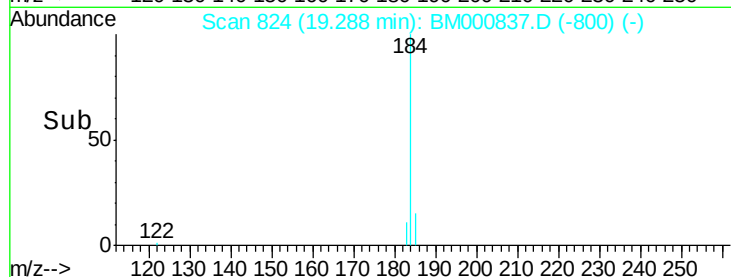
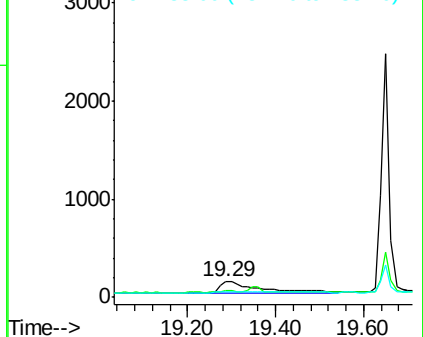
183 38.1 36.1 54.1



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



#32

Terphenyl-d14

Concen: 10.08 ng

RT: 19.65 min Scan# 854

Delta R.T. -0.00 min

Lab File: BM000837.D

Acq: 03 Apr 2015 11:18

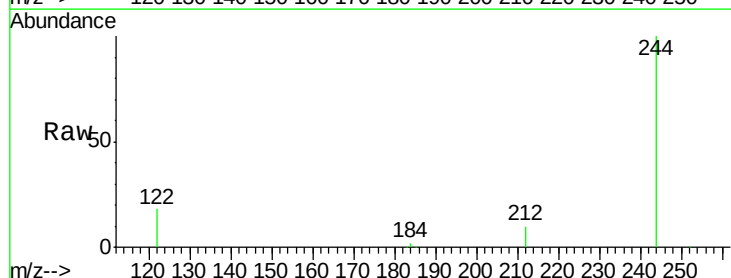
Tgt Ion:244 Resp: 137221

Ion Ratio Lower Upper

244 100

212 9.7 8.0 12.0

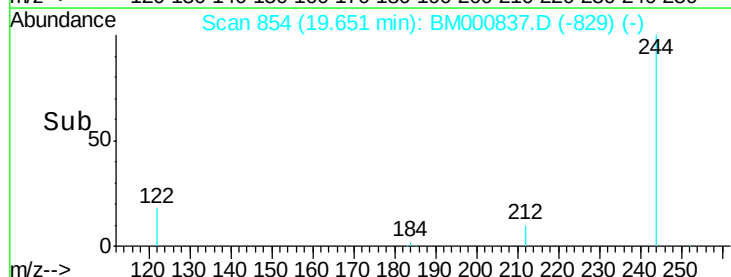
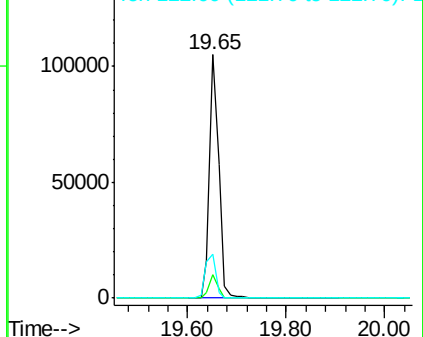
122 18.0 14.7 22.1

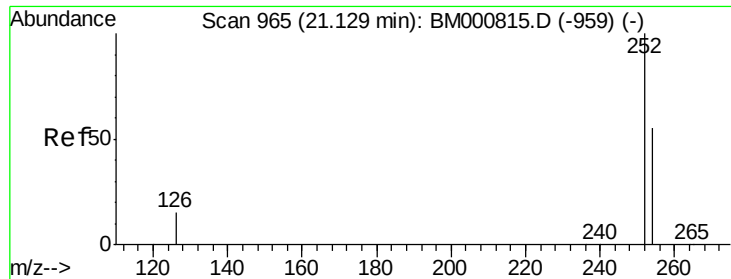


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

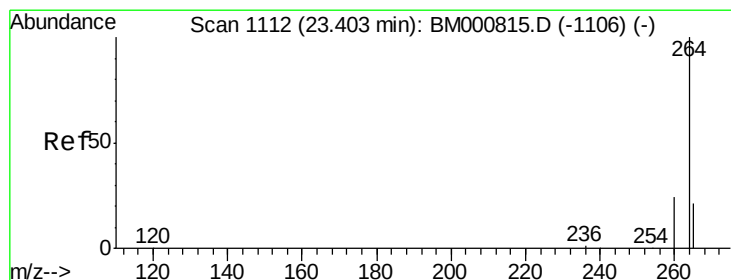
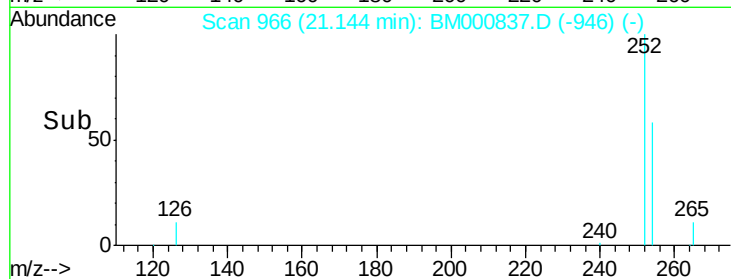
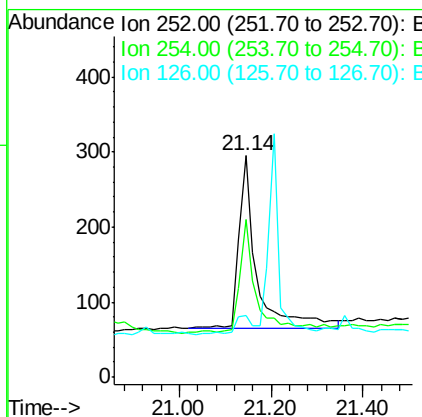
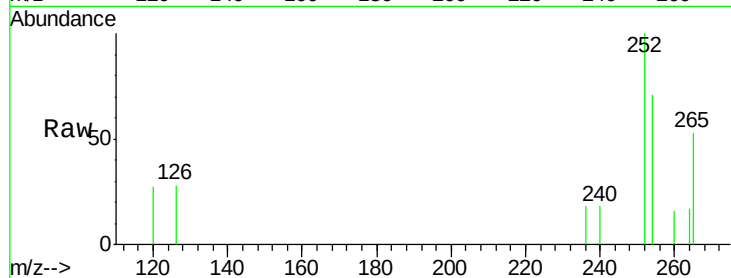




#33  
 3,3'-Dichlorobenzidine  
 Concen: 0.25 ng  
 RT: 21.14 min Scan# 966  
 Delta R.T. 0.02 min  
 Lab File: BM000837.D  
 Acq: 03 Apr 2015 11:18

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:252 Resp: 626  
 Ion Ratio Lower Upper  
 252 100  
 254 71.2 44.5 66.7#  
 126 27.8 13.6 20.4#



#34  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.40 min Scan# 1112  
 Delta R.T. -0.00 min  
 Lab File: BM000837.D  
 Acq: 03 Apr 2015 11:18

Tgt Ion:264 Resp: 102751  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.1 28.7  
 265 22.2 17.5 26.3

