

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM040915\  
 Data File : BM000934.D  
 Acq On : 09 Apr 2015 22:34  
 Operator : TP/IZ  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

Quant Time: Apr 10 06:10:20 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIM-BM040915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 10 05:53:53 2015  
 Response via : Initial Calibration

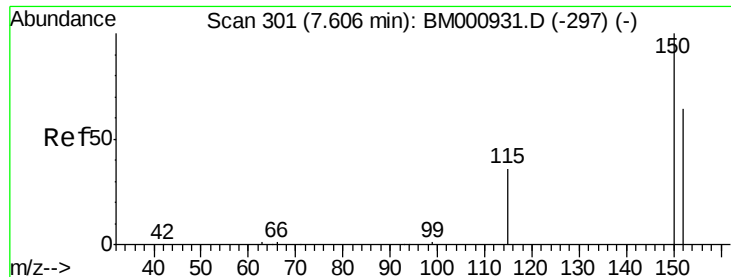
| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 42183    | 5.00 | ng    | 0.00     |
| 8) Naphthalene-d8         | 10.38 | 136  | 163556   | 5.00 | ng    | 0.00     |
| 17) Acenaphthene-d10      | 14.26 | 164  | 89389    | 5.00 | ng    | 0.01     |
| 24) Phenanthrene-d10      | 17.00 | 188  | 169484   | 5.00 | ng    | 0.01     |
| 30) Chrysene-d12          | 21.21 | 240  | 147992   | 5.00 | ng    | 0.00     |
| 38) Perylene-d12          | 23.38 | 264  | 135548   | 5.00 | ng    | 0.00     |

|                             |       |     |        |      |    |       |
|-----------------------------|-------|-----|--------|------|----|-------|
| System Monitoring Compounds |       |     |        |      |    |       |
| 4) 2-Fluorophenol           | 5.19  | 112 | 97078  | 4.28 | ng | -0.02 |
| 5) Phenol-d6                | 6.78  | 99  | 125040 | 4.66 | ng | 0.00  |
| 9) Nitrobenzene-d5          | 8.76  | 82  | 98020  | 5.01 | ng | 0.00  |
| 18) 2,4,6-Tribromophenol    | 15.76 | 330 | 38131  | 3.82 | ng | 0.01  |
| 19) 2-Fluorobiphenyl        | 12.88 | 172 | 245080 | 3.28 | ng | 0.00  |
| 33) Terphenyl-d14           | 19.65 | 244 | 201371 | 4.56 | ng | 0.00  |

|                            |       |     |        |        |    |      |
|----------------------------|-------|-----|--------|--------|----|------|
| Target Compounds           |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane             | 3.12  | 88  | 35696  | 3.84   | ng | 90   |
| 3) n-Nitrosodimethylamine  | 3.41  | 42  | 50298  | 3.79   | ng | # 59 |
| 6) Phenol                  | 6.80  | 94  | 127129 | 4.77   | ng | # 39 |
| 7) bis(2-Chloroethyl)ether | 7.02  | 93  | 104592 | 4.50   | ng | # 1  |
| 10) Nitrobenzene           | 8.80  | 77  | 118575 | 5.08   | ng | 93   |
| 11) 2,4-Dimethylphenol     | 9.56  | 122 | 109726 | 5.08   | ng | 94   |
| 12) 2,4-Dichlorophenol     | 10.03 | 162 | 97955  | 4.68   | ng | # 84 |
| 13) Naphthalene            | 10.44 | 128 | 337723 | 4.13   | ng | 99   |
| 14) Hexachlorobutadiene    | 10.74 | 225 | 60951  | 3.90   | ng | 99   |
| 15) 2-Methylnaphthalene    | 12.06 | 142 | 240394 | 4.30   | ng | 98   |
| 16) 1-Methylnaphthalene    | 12.28 | 142 | 241437 | 4.31   | ng | 85   |
| 20) Acenaphthylene         | 13.97 | 152 | 374869 | 3.09   | ng | 93   |
| 21) Acenaphthene           | 14.31 | 154 | 239040 | 3.50   | ng | # 62 |
| 22) 2,4-Dinitrophenol      | 14.38 | 184 | 25206  | 13.78  | ng | # 53 |
| 23) Fluorene               | 15.30 | 166 | 306091 | 4.00   | ng | # 73 |
| 25) Hexachlorobenzene      | 16.33 | 284 | 98195  | 3.89   | ng | # 66 |
| 26) Pentachlorophenol      | 16.66 | 266 | 46524  | 6.30   | ng | # 82 |
| 27) Phenanthrene           | 17.05 | 178 | 454299 | 3.88   | ng | 93   |
| 28) Anthracene             | 17.13 | 178 | 467730 | 4.69   | ng | 93   |
| 29) Fluoranthene           | 19.06 | 202 | 521486 | 4.40   | ng | 88   |
| 31) Benzidine              | 19.27 | 184 | 165484 | 9.46   | ng | # 94 |
| 32) Pyrene                 | 19.44 | 202 | 534700 | 4.32   | ng | 93   |
| 34) Benzo(a)anthracene     | 21.24 | 228 | 447109 | 4.31   | ng | 97   |
| 35) 3,3'-Dichlorobenzidine | 21.13 | 252 | 173324 | 6.82   | ng | # 81 |
| 36) Chrysene               | 21.24 | 228 | 448374 | 4.06   | ng | 94   |
| 37) Indeno(1,2,3-cd)pyrene | 25.56 | 276 | 504854 | 4.53   | ng | 99   |
| 39) Benzo(b)fluoranthene   | 22.72 | 252 | 454132 | 4.51   | ng | 99   |
| 40) Benzo(k)fluoranthene   | 22.76 | 252 | 457076 | 4.44   | ng | 99   |
| 41) Benzo(a)pyrene         | 23.28 | 252 | 427155 | 4.68   | ng | 98   |
| 42) Dibenzo(a,h)anthracene | 25.57 | 278 | 394761 | 4.60   | ng | 99   |
| 43) Benzo(g,h,i)perylene   | 26.22 | 276 | 415565 | 4.37   | ng | 98   |

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



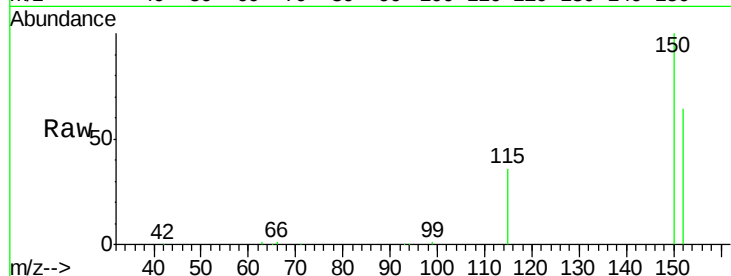


#1

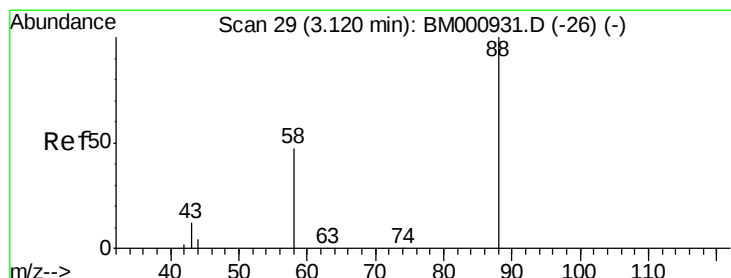
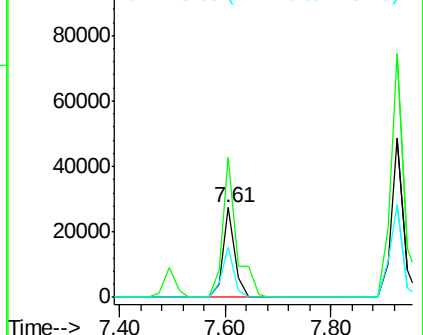
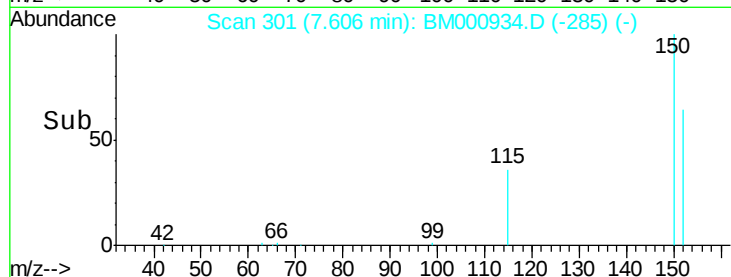
1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.61 min Scan# 301  
Delta R.T. 0.00 min  
Lab File: BM000934.D  
Acq: 09 Apr 2015 22:34

Instrument :  
BNA\_M  
ClientSampled :  
SSTDIC010

Tgt Ion:152 Resp: 42183  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.4 188.2  
115 56.3 45.9 68.9



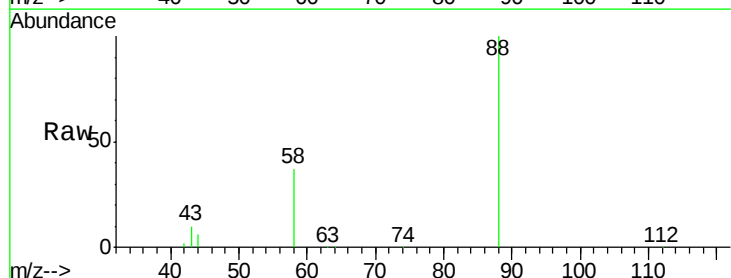
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



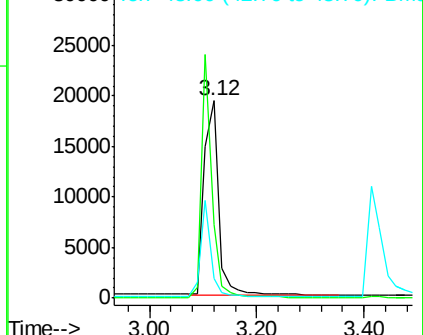
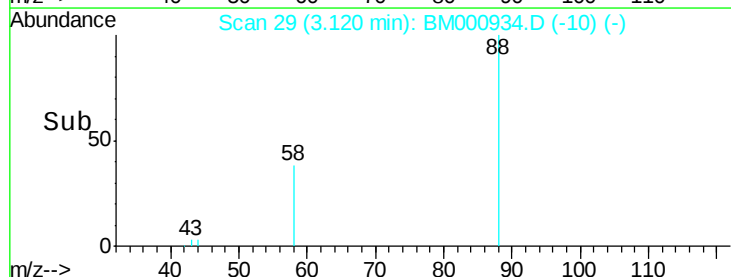
#2

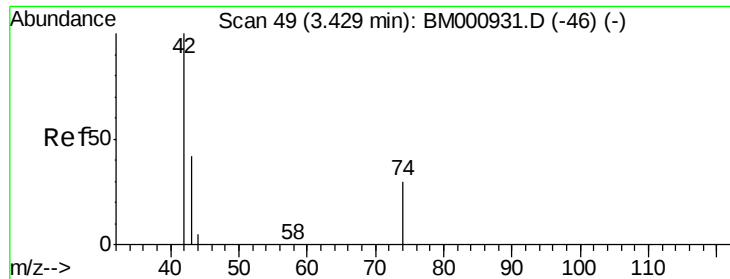
1,4-Dioxane  
Concen: 3.84 ng  
RT: 3.12 min Scan# 29  
Delta R.T. 0.00 min  
Lab File: BM000934.D  
Acq: 09 Apr 2015 22:34

Tgt Ion: 88 Resp: 35696  
Ion Ratio Lower Upper  
88 100  
58 90.0 63.0 94.6  
43 34.9 27.0 40.4



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: 3.79 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.02 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDIC010

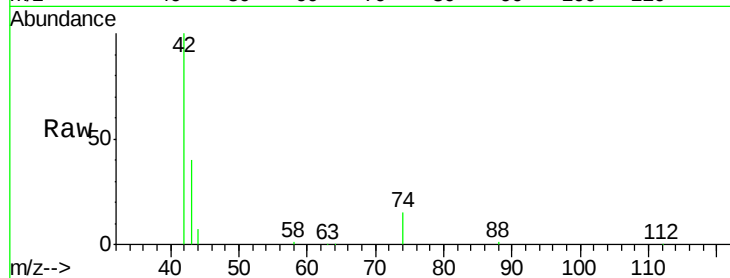
Tgt Ion: 42 Resp: 50298

Ion Ratio Lower Upper

42 100

74 15.2 26.0 39.0#

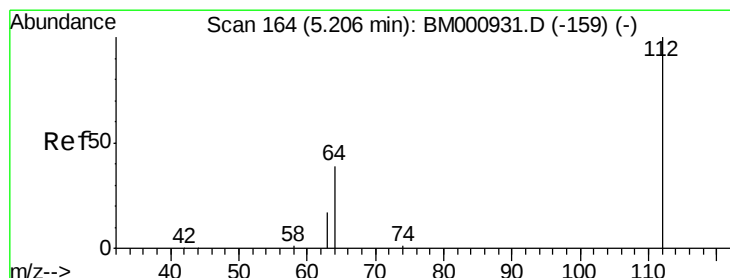
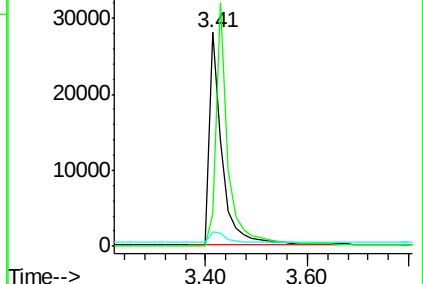
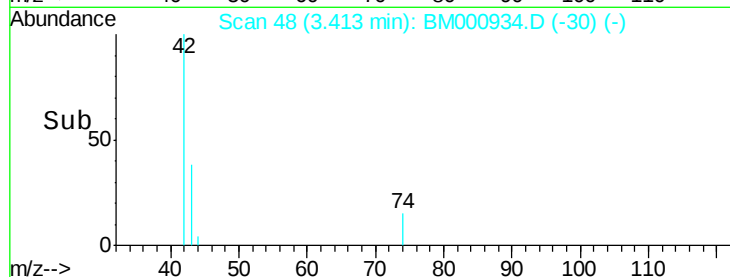
44 6.6 29.0 43.4#



Abundance Ion 42.00 (41.70 to 42.70): BM000931.D (-46) (-)

Ion 74.00 (73.70 to 74.70): BM000931.D (-46) (-)

Ion 44.00 (43.70 to 44.70): BM000931.D (-46) (-)



#4

2-Fluorophenol

Concen: 4.28 ng

RT: 5.19 min Scan# 163

Delta R.T. -0.02 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

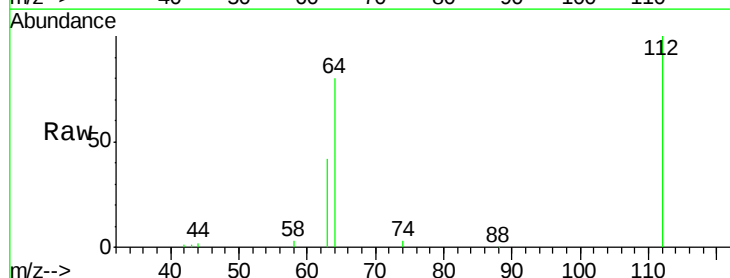
Tgt Ion: 112 Resp: 97078

Ion Ratio Lower Upper

112 100

64 79.9 31.8 47.8#

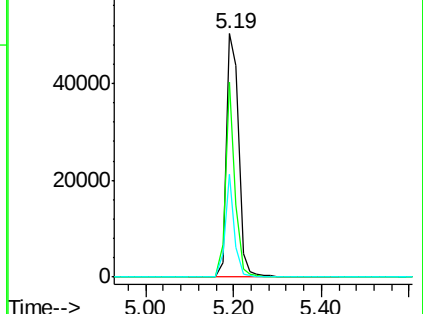
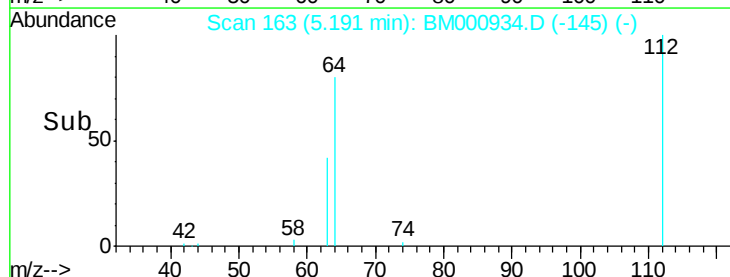
63 42.5 14.5 21.7#

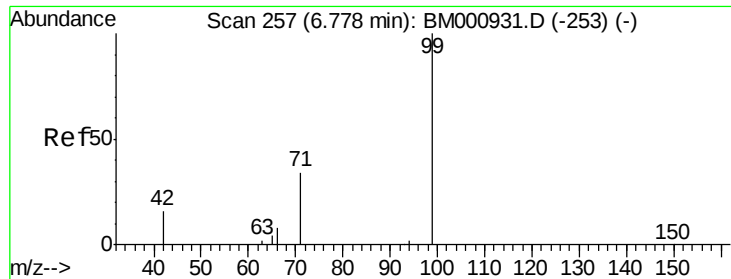


Abundance Ion 112.00 (111.70 to 112.70): BM000931.D (-159) (-)

Ion 64.00 (63.70 to 64.70): BM000931.D (-159) (-)

Ion 63.00 (62.70 to 63.70): BM000931.D (-159) (-)





#5

Phenol-d6

Concen: 4.66 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

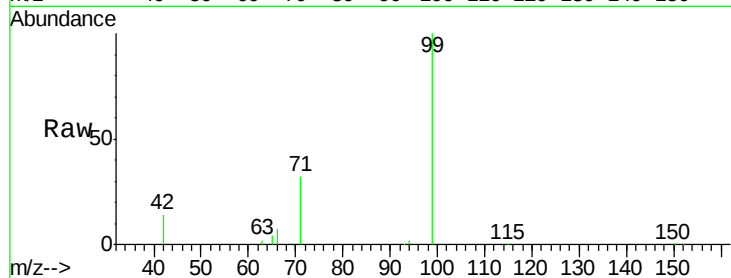
Tgt Ion: 99 Resp: 125040

Ion Ratio Lower Upper

99 100

42 14.2 14.1 21.1

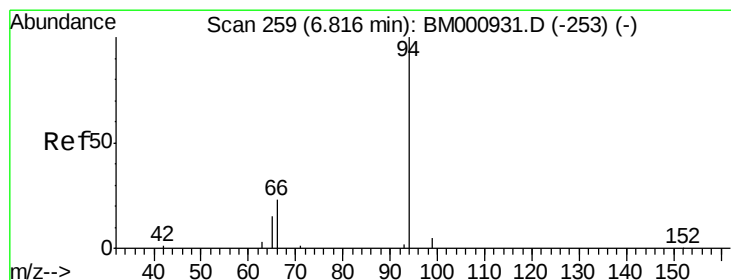
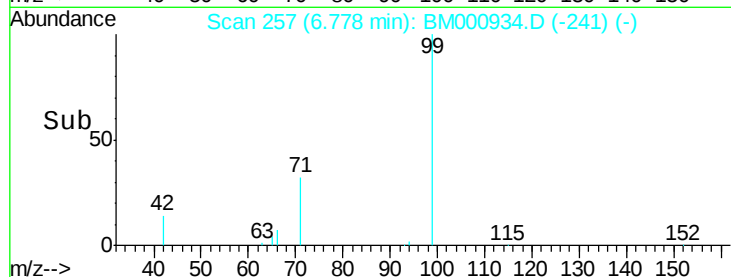
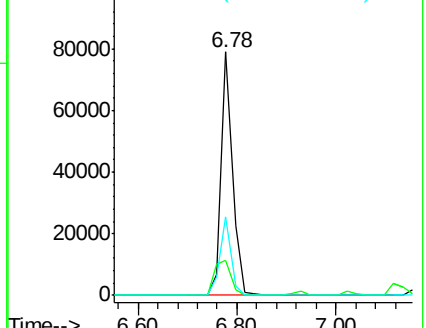
71 32.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM000931.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM000931.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM000931.D (-253) (-)



#6

Phenol

Concen: 4.77 ng

RT: 6.80 min Scan# 258

Delta R.T. -0.02 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

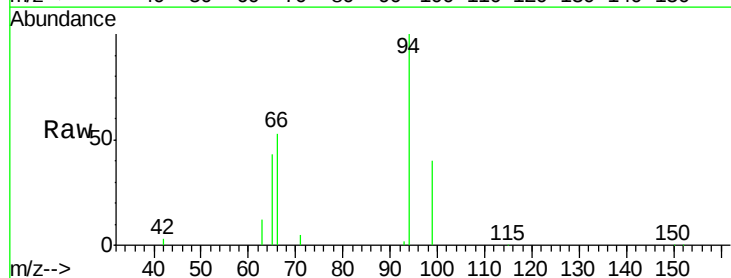
Tgt Ion: 94 Resp: 127129

Ion Ratio Lower Upper

94 100

65 42.9 0.0 36.0#

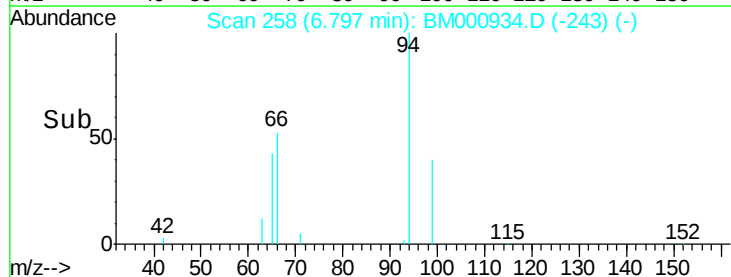
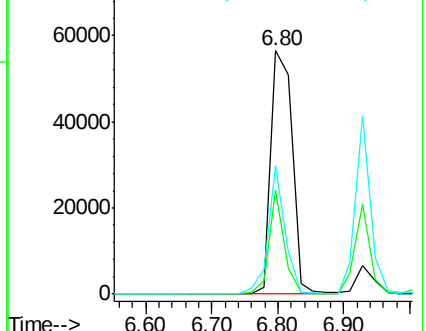
66 52.6 3.7 43.7#

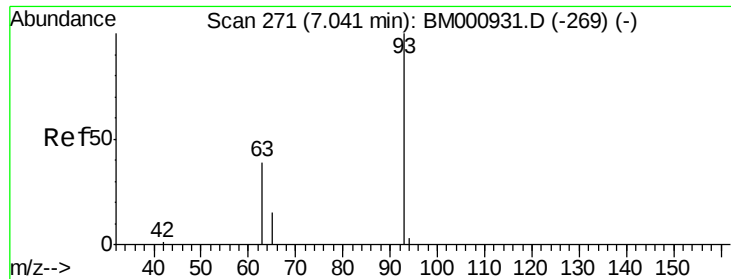


Abundance Ion 94.00 (93.70 to 94.70): BM000931.D (-253) (-)

Ion 65.00 (64.70 to 65.70): BM000931.D (-253) (-)

Ion 66.00 (65.70 to 66.70): BM000931.D (-253) (-)





#7

bis(2-Chloroethyl)ether

Concen: 4.50 ng

RT: 7.02 min Scan# 270

Delta R.T. -0.02 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDIC010

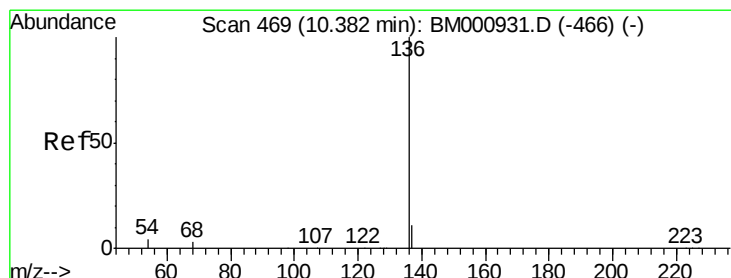
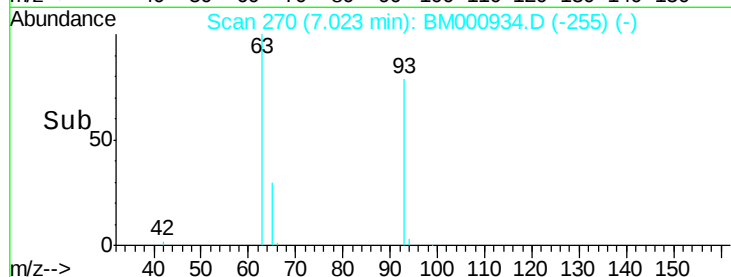
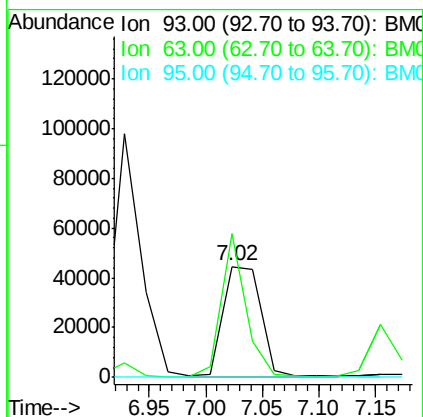
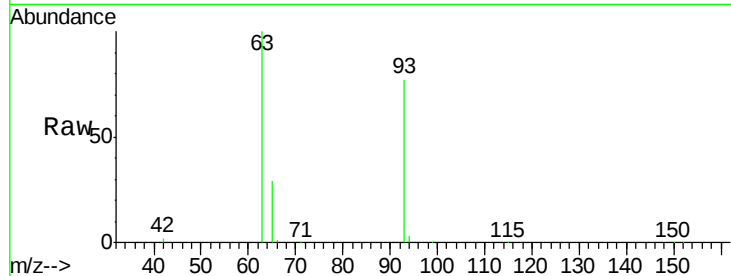
Tgt Ion: 93 Resp: 104592

Ion Ratio Lower Upper

93 100

63 129.9 24.0 64.0#

95 0.0 0.0 20.0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Tgt Ion: 136 Resp: 163556

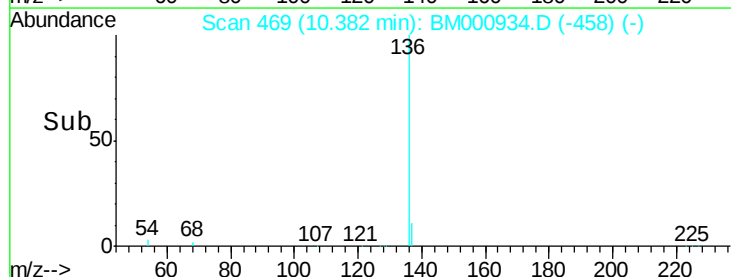
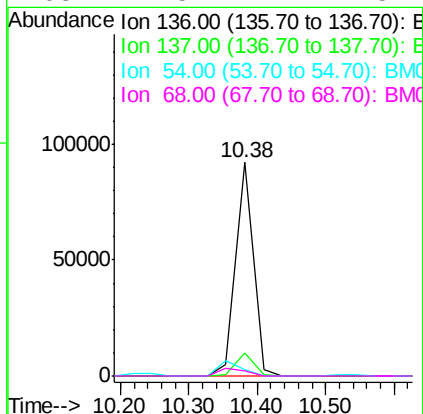
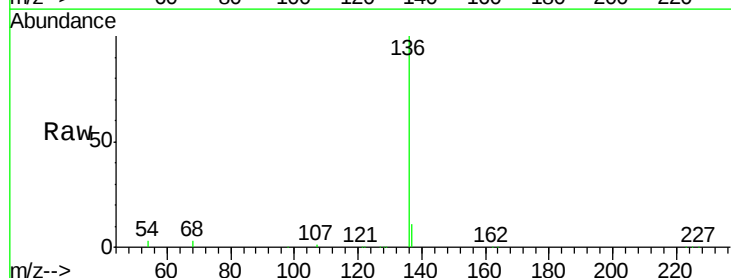
Ion Ratio Lower Upper

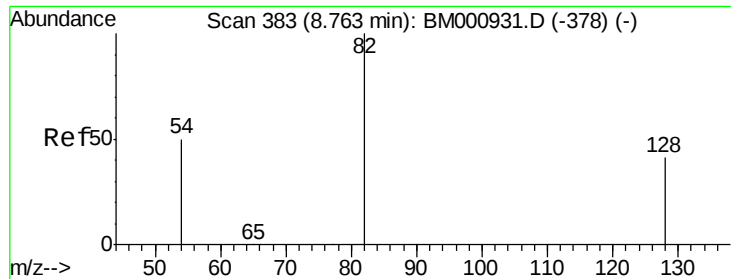
136 100

137 10.9 8.6 13.0

54 3.2 2.9 4.3

68 2.5 2.2 3.2





#9

Nitrobenzene-d5

Concen: 5.01 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDIC010

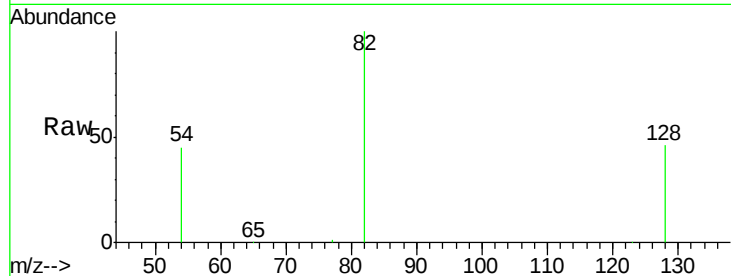
Tgt Ion: 82 Resp: 98020

Ion Ratio Lower Upper

82 100

128 46.1 33.4 50.0

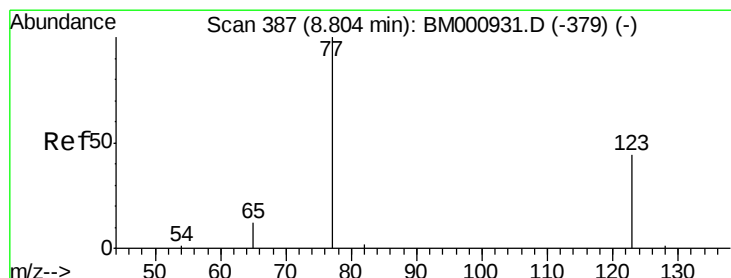
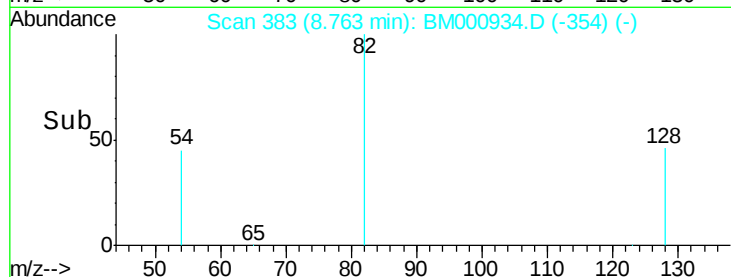
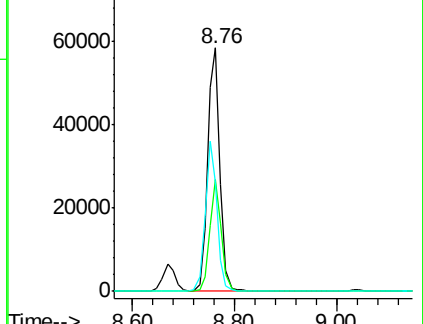
54 44.7 40.5 60.7



Abundance Ion 82.00 (81.70 to 82.70): BM000931.D (-378) (-)

Ion 128.00 (127.70 to 128.70): BM000931.D (-378) (-)

Ion 54.00 (53.70 to 54.70): BM000931.D (-378) (-)



#10

Nitrobenzene

Concen: 5.08 ng

RT: 8.80 min Scan# 387

Delta R.T. 0.00 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

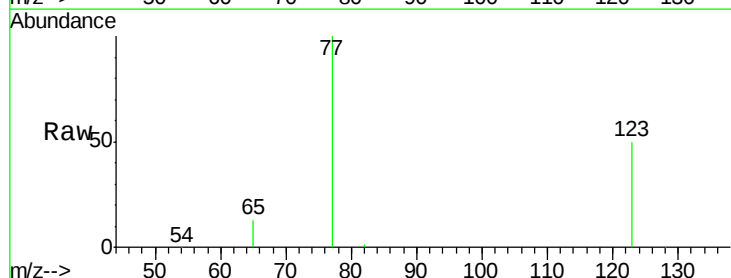
Tgt Ion: 77 Resp: 118575

Ion Ratio Lower Upper

77 100

123 49.6 35.0 52.6

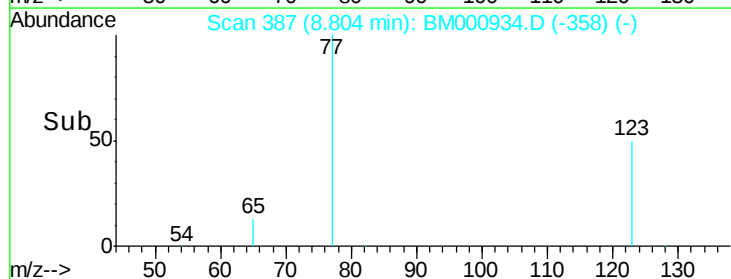
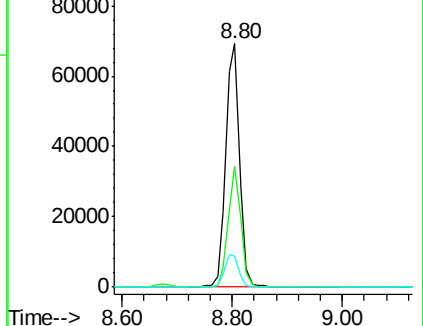
65 12.8 10.7 16.1

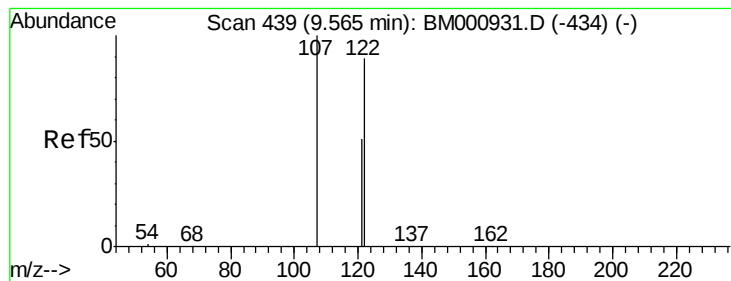


Abundance Ion 77.00 (76.70 to 77.70): BM000931.D (-379) (-)

Ion 123.00 (122.70 to 123.70): BM000931.D (-379) (-)

Ion 65.00 (64.70 to 65.70): BM000931.D (-379) (-)

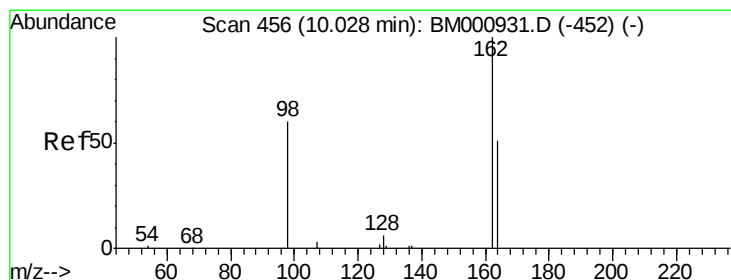
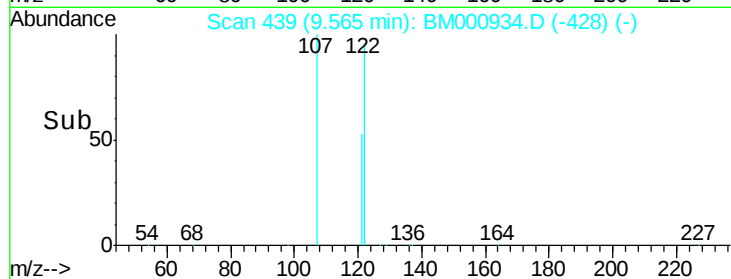
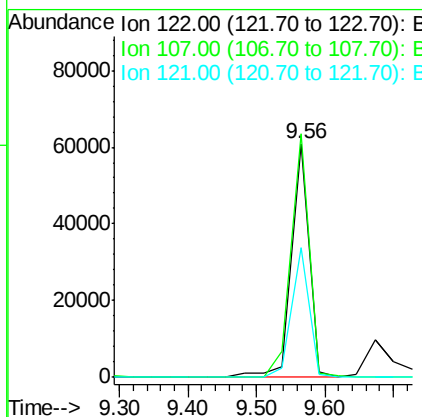
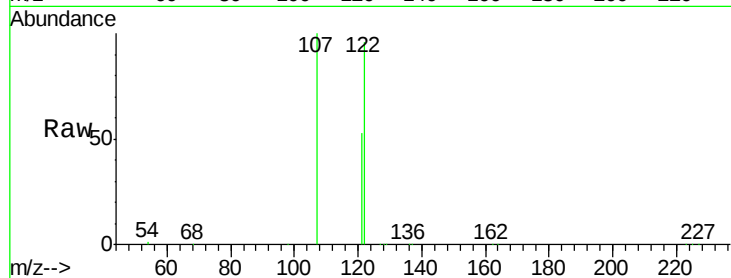




#11  
 2,4-Dimethylphenol  
 Concen: 5.08 ng  
 RT: 9.56 min Scan# 439  
 Delta R.T. 0.00 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

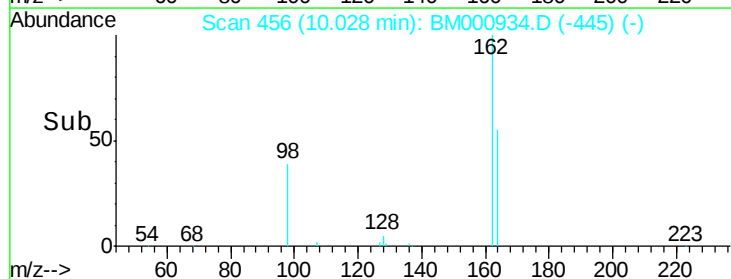
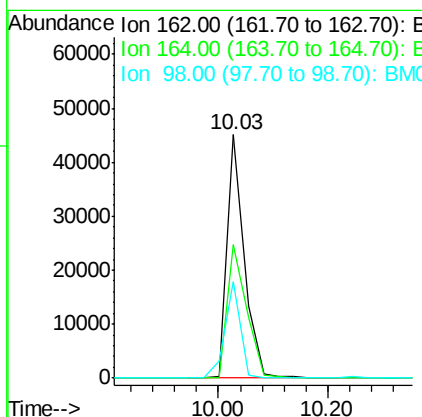
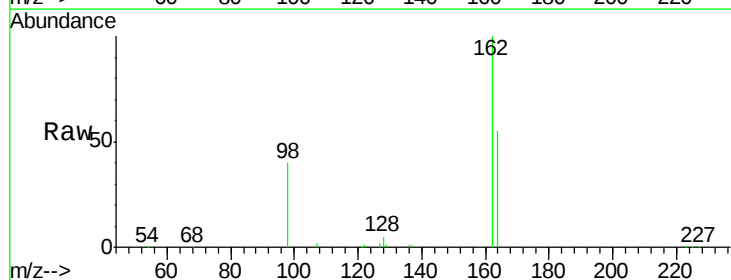
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

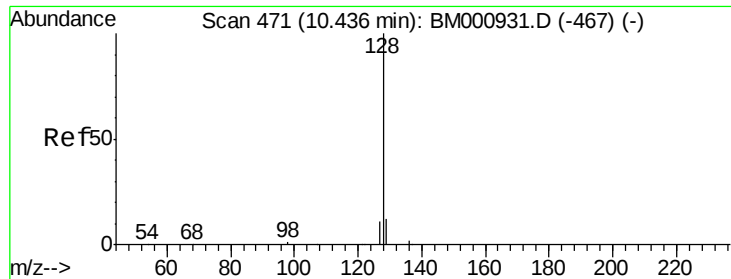
Tgt Ion:122 Resp: 109726  
 Ion Ratio Lower Upper  
 122 100  
 107 104.3 89.8 134.6  
 121 55.3 46.6 70.0



#12  
 2,4-Dichlorophenol  
 Concen: 4.68 ng  
 RT: 10.03 min Scan# 456  
 Delta R.T. 0.00 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

Tgt Ion:162 Resp: 97955  
 Ion Ratio Lower Upper  
 162 100  
 164 54.8 32.5 72.5  
 98 39.6 40.5 80.5#

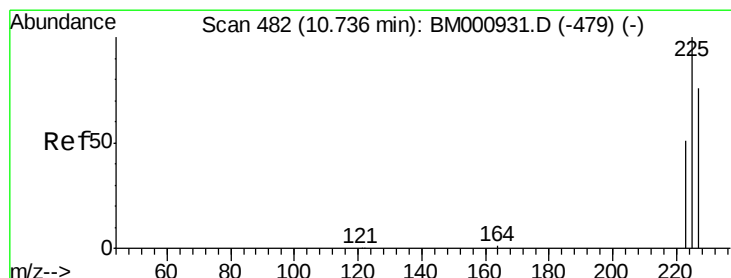
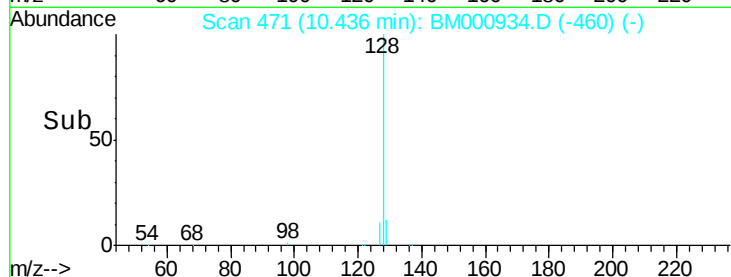
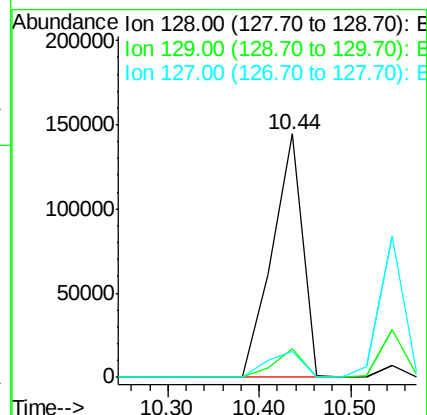
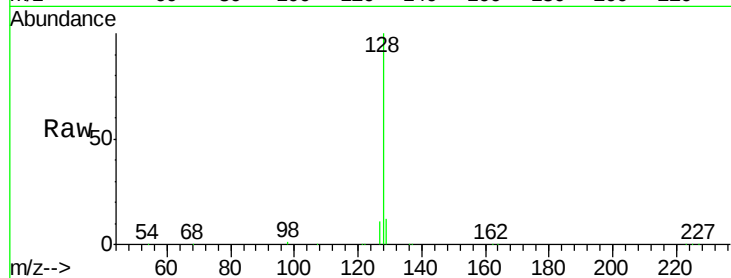




#13  
Naphthalene  
Concen: 4.13 ng  
RT: 10.44 min Scan# 471  
Delta R.T. 0.00 min  
Lab File: BM000934.D  
Acq: 09 Apr 2015 22:34

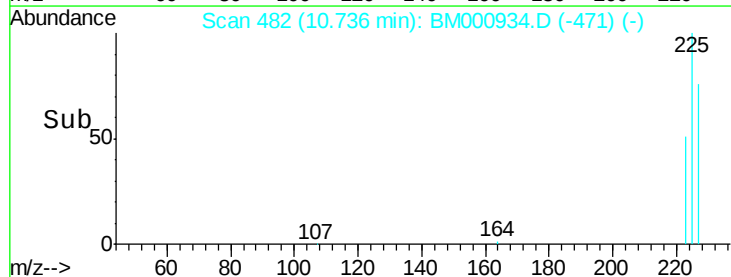
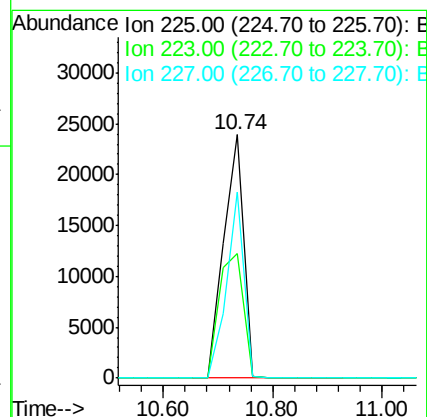
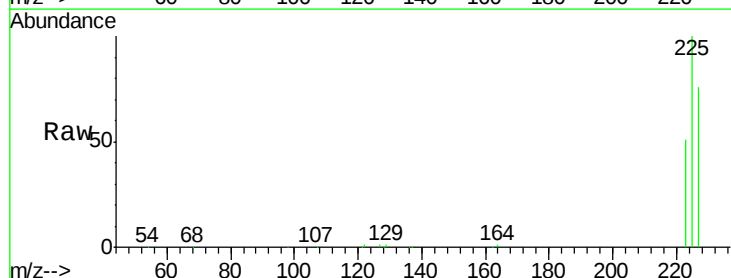
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC010

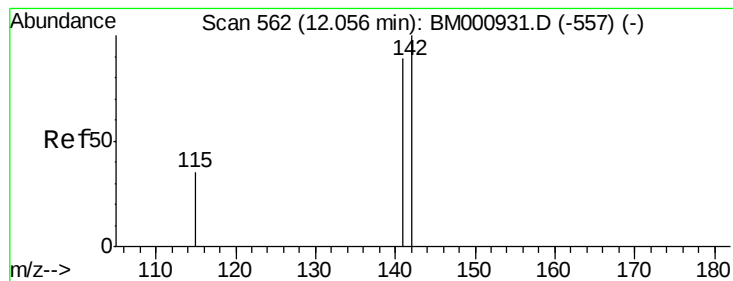
Tgt Ion:128 Resp: 337723  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.8 14.6  
127 10.8 9.1 13.7



#14  
Hexachlorobutadiene  
Concen: 3.90 ng  
RT: 10.74 min Scan# 482  
Delta R.T. 0.00 min  
Lab File: BM000934.D  
Acq: 09 Apr 2015 22:34

Tgt Ion:225 Resp: 60951  
Ion Ratio Lower Upper  
225 100  
223 51.2 42.2 63.2  
227 76.3 61.4 92.2





#15

2-Methylnaphthalene

Concen: 4.30 ng

RT: 12.06 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

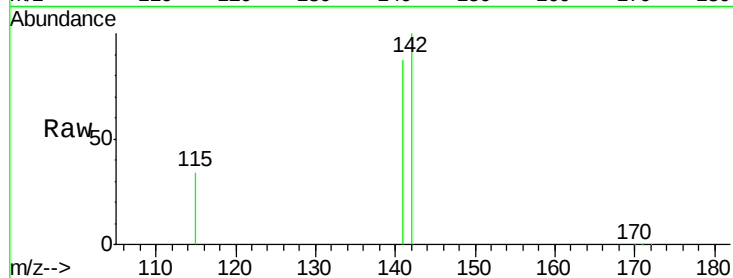
Tgt Ion:142 Resp: 240394

Ion Ratio Lower Upper

142 100

141 87.0 71.2 106.8

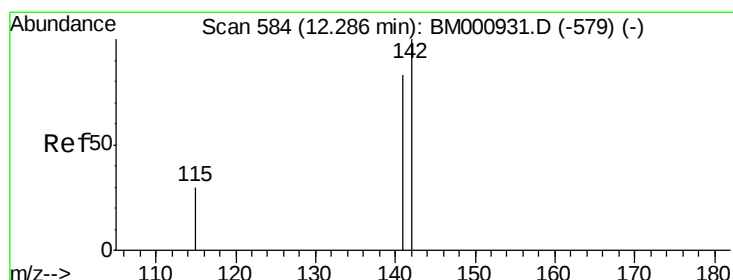
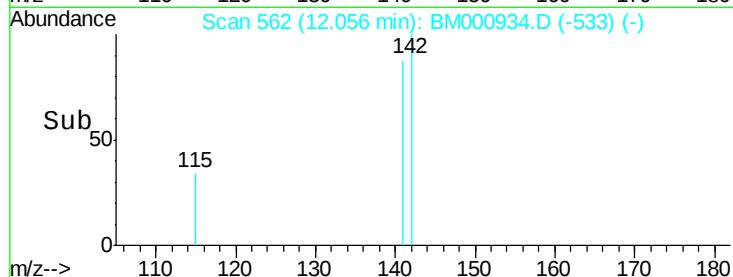
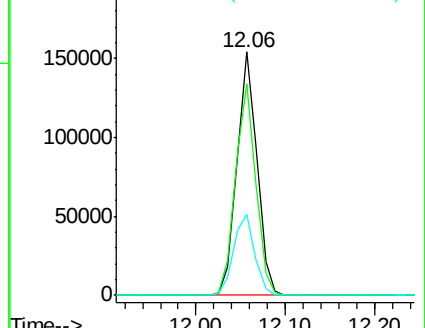
115 33.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#16

1-Methylnaphthalene

Concen: 4.31 ng

RT: 12.28 min Scan# 583

Delta R.T. -0.01 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

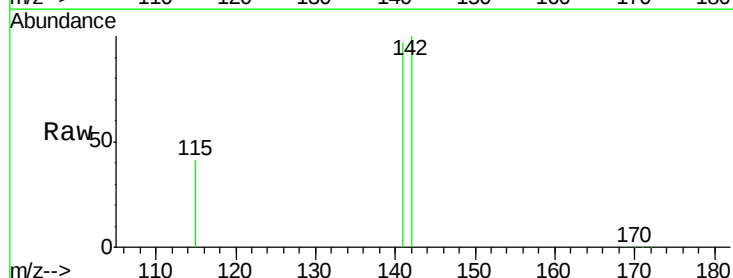
Tgt Ion:142 Resp: 241437

Ion Ratio Lower Upper

142 100

141 97.1 66.7 100.1

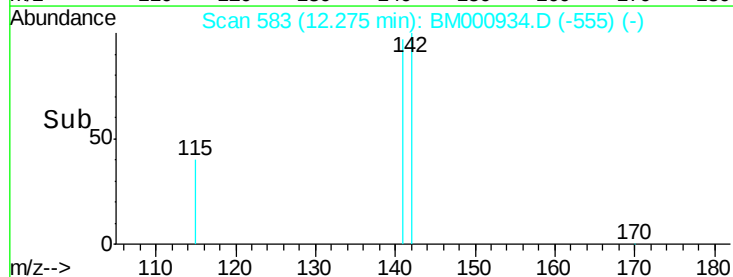
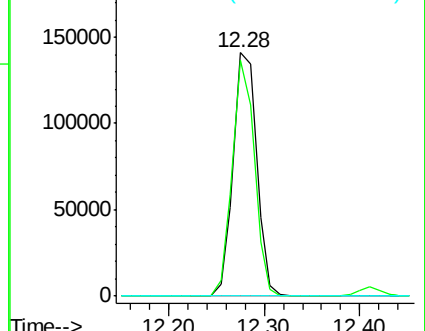
116 0.0 0.0 0.0

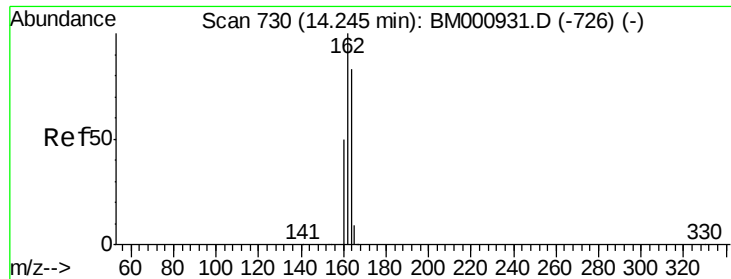


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

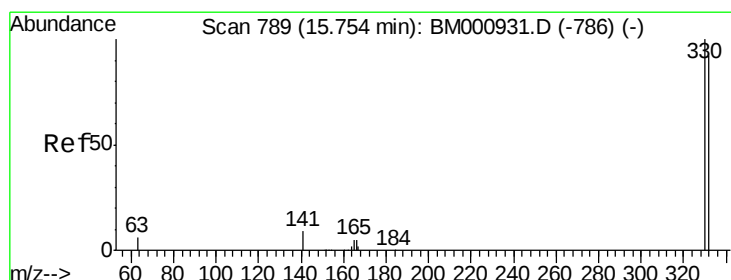
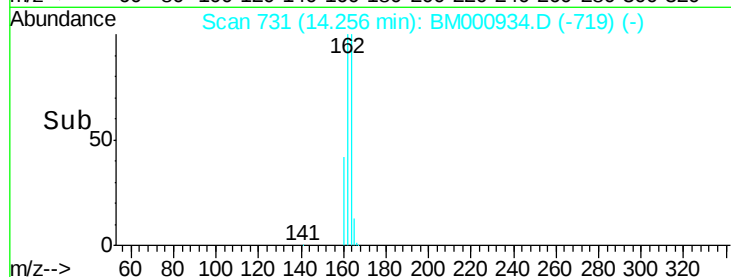
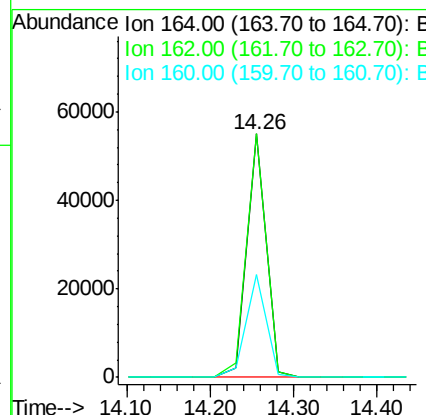
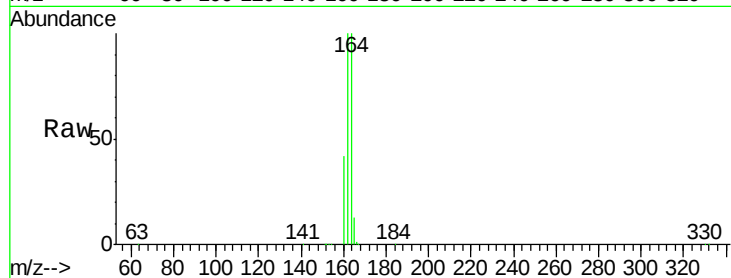




#17  
 Acenaphthene-d10  
 Concen: 5.00 ng  
 RT: 14.26 min Scan# 731  
 Delta R.T. 0.01 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

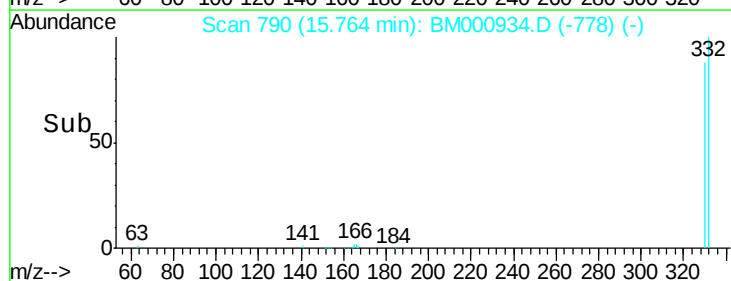
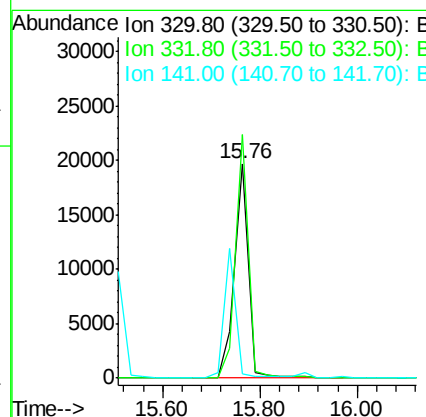
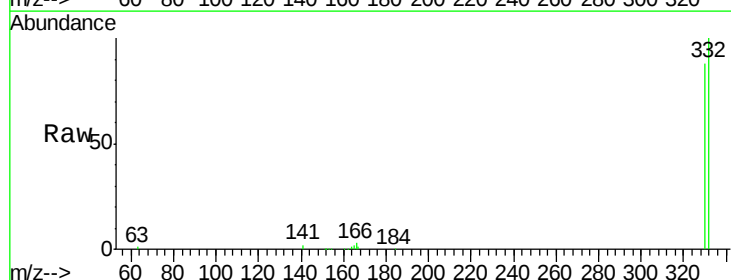
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

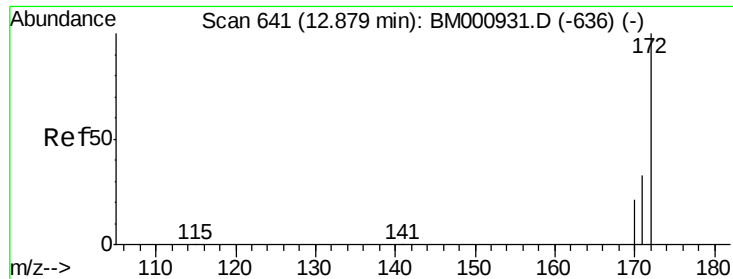
Tgt Ion:164 Resp: 89389  
 Ion Ratio Lower Upper  
 164 100  
 162 99.9 96.1 144.1  
 160 42.1 48.2 72.2#



#18  
 2,4,6-Tribromophenol  
 Concen: 3.82 ng  
 RT: 15.76 min Scan# 790  
 Delta R.T. 0.01 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

Tgt Ion:330 Resp: 38131  
 Ion Ratio Lower Upper  
 330 100  
 332 105.0 75.4 113.2  
 141 0.0 0.0 0.0

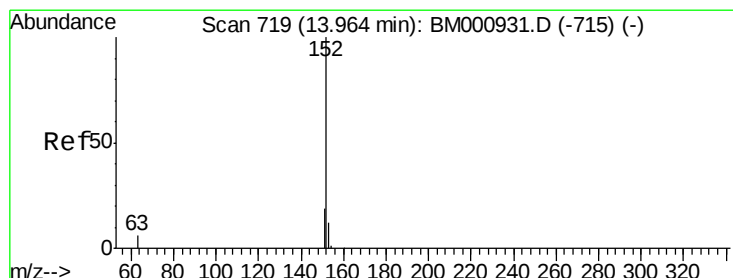
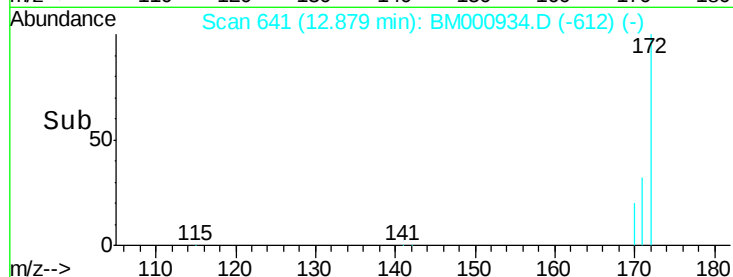
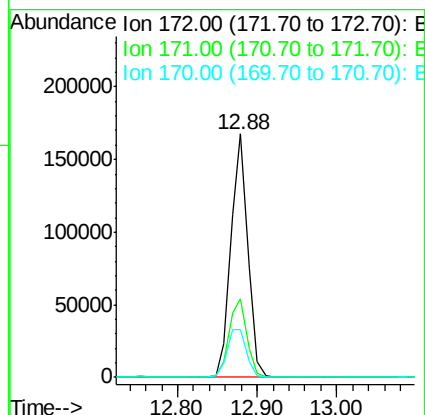
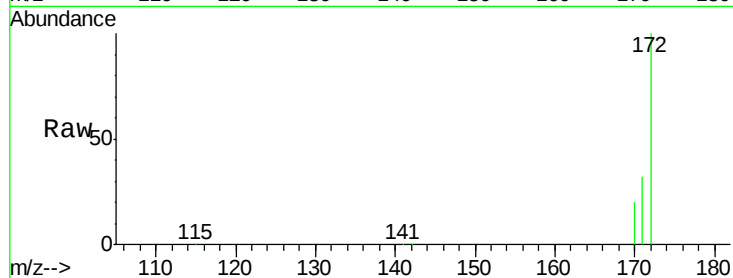




#19  
2-Fluorobiphenyl  
Concen: 3.28 ng  
RT: 12.88 min Scan# 641  
Delta R.T. 0.00 min  
Lab File: BM000934.D  
Acq: 09 Apr 2015 22:34

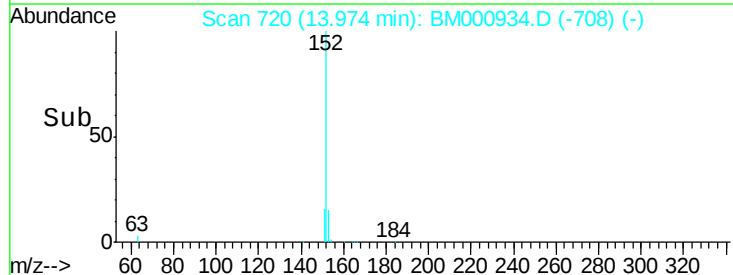
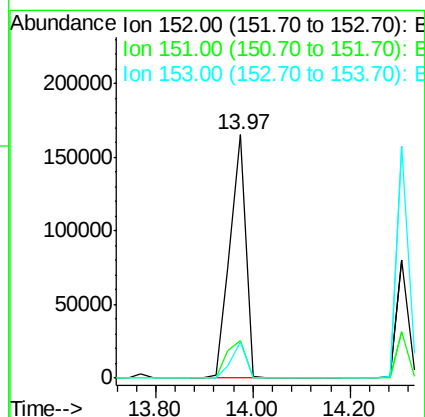
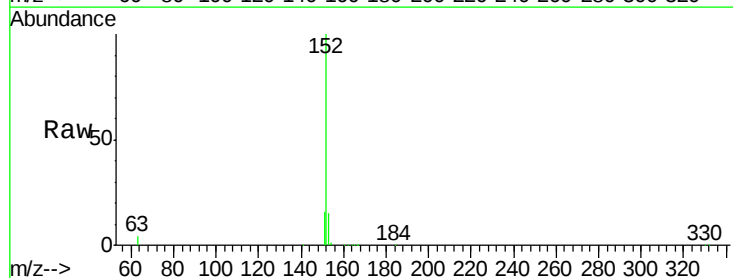
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC010

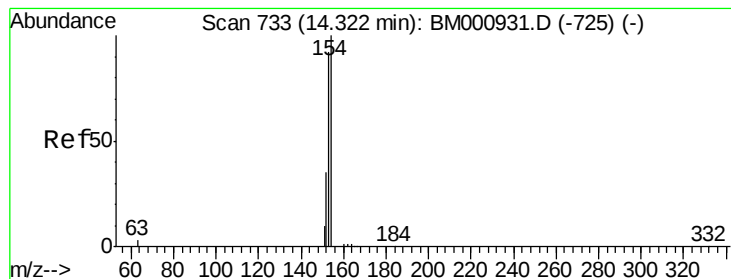
Tgt Ion:172 Resp: 245080  
Ion Ratio Lower Upper  
172 100  
171 32.2 26.7 40.1  
170 19.9 17.0 25.4



#20  
Acenaphthylene  
Concen: 3.09 ng  
RT: 13.97 min Scan# 720  
Delta R.T. 0.01 min  
Lab File: BM000934.D  
Acq: 09 Apr 2015 22:34

Tgt Ion:152 Resp: 374869  
Ion Ratio Lower Upper  
152 100  
151 15.6 15.4 23.0  
153 14.8 10.2 15.2





#21

Acenaphthene

Concen: 3.50 ng

RT: 14.31 min Scan# 733

Delta R.T. -0.02 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDIC010

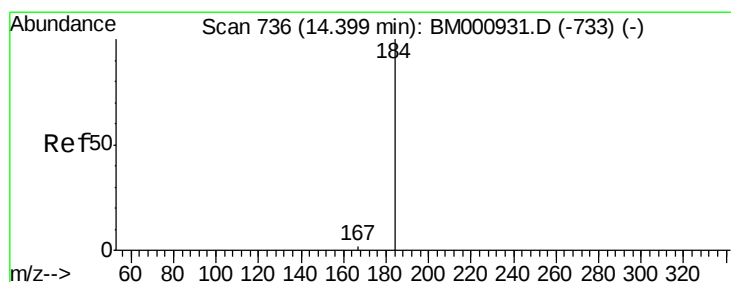
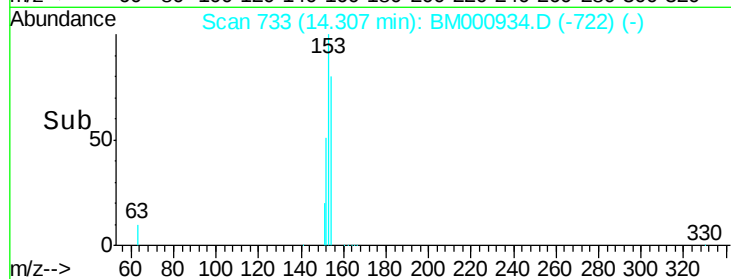
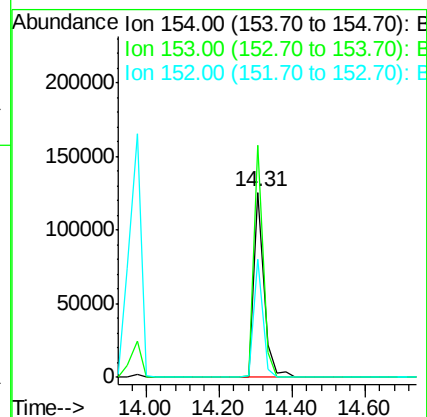
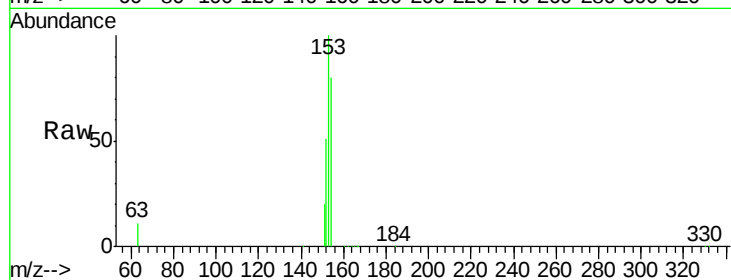
Tgt Ion:154 Resp: 239040

Ion Ratio Lower Upper

154 100

153 125.4 73.7 110.5#

152 64.1 29.0 43.6#



#22

2,4-Dinitrophenol

Concen: 13.78 ng

RT: 14.38 min Scan# 736

Delta R.T. -0.02 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

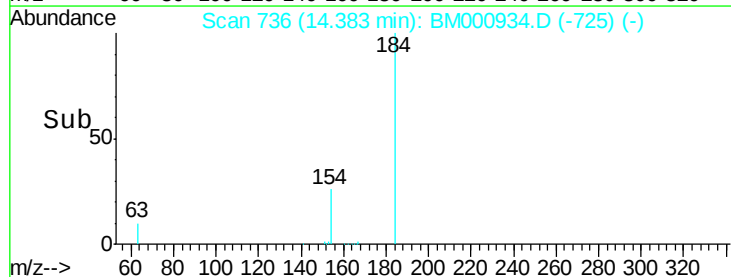
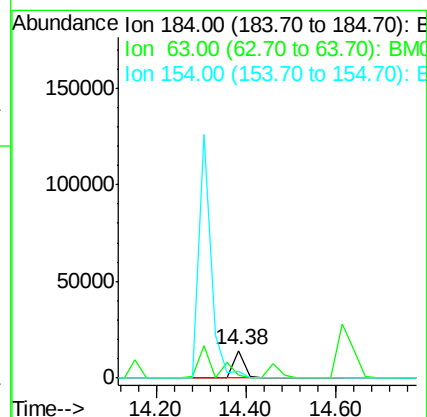
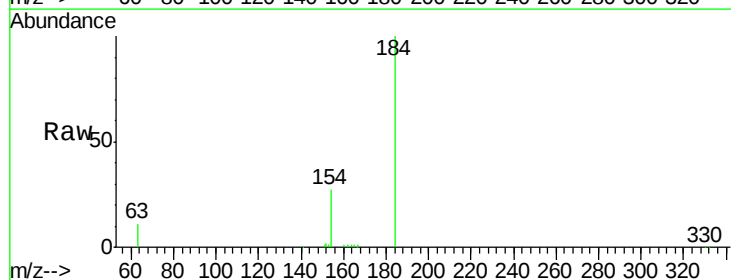
Tgt Ion:184 Resp: 25206

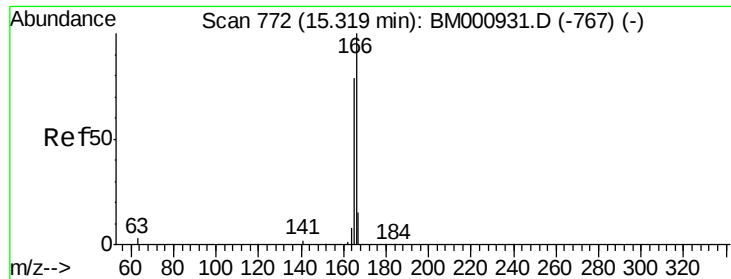
Ion Ratio Lower Upper

184 100

63 10.7 39.0 58.4#

154 26.7 43.8 65.8#

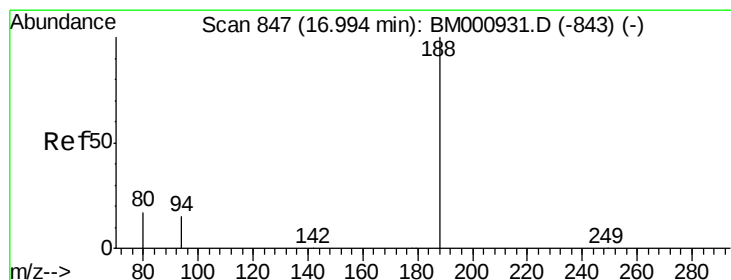
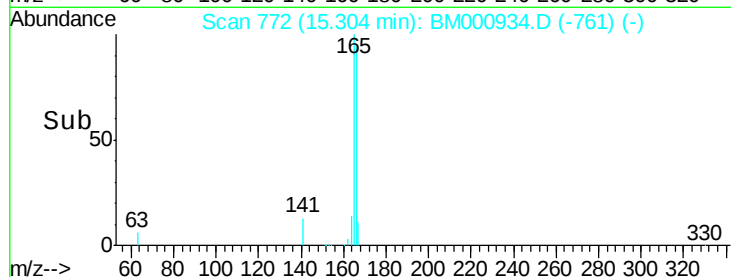
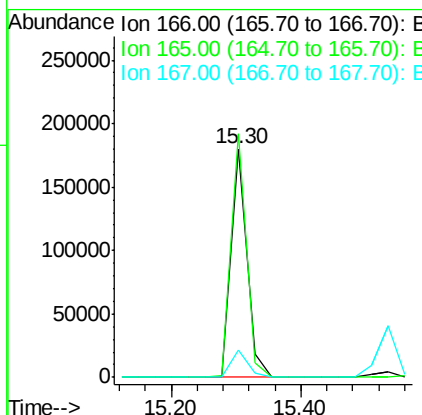
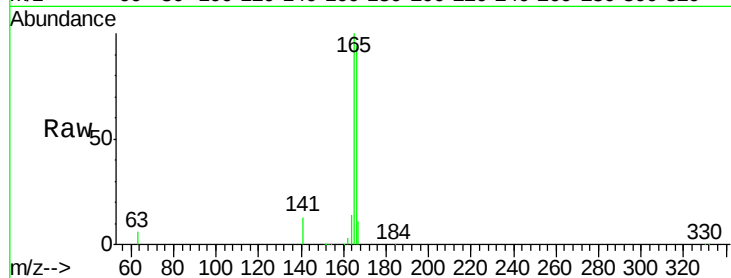




#23  
 Fluorene  
 Concen: 4.00 ng  
 RT: 15.30 min Scan# 772  
 Delta R.T. -0.02 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

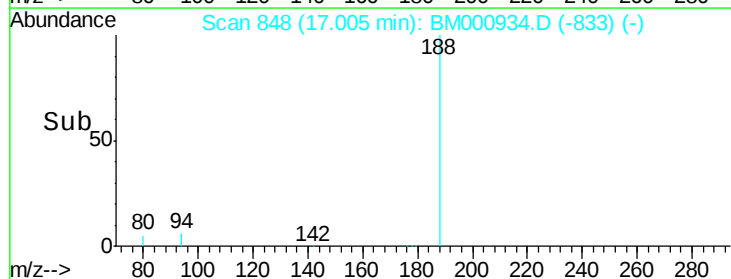
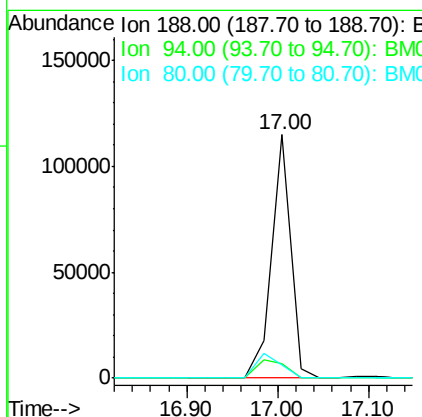
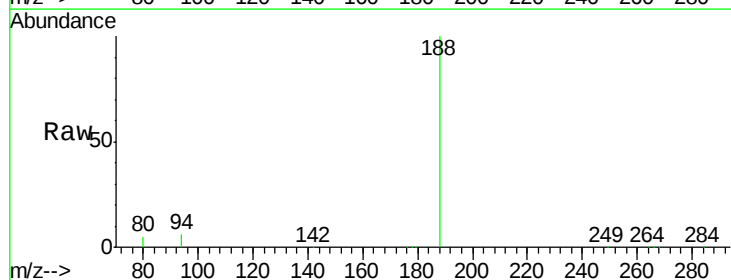
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

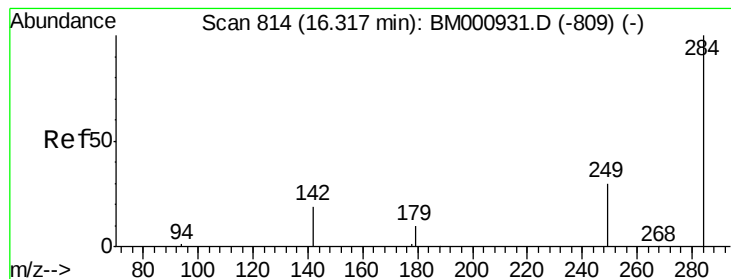
Tgt Ion:166 Resp: 306091  
 Ion Ratio Lower Upper  
 166 100  
 165 106.5 63.7 95.5#  
 167 12.0 12.7 19.1#



#24  
 Phenanthrene-d10  
 Concen: 5.00 ng  
 RT: 17.00 min Scan# 848  
 Delta R.T. 0.01 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

Tgt Ion:188 Resp: 169484  
 Ion Ratio Lower Upper  
 188 100  
 94 5.8 12.2 18.4#  
 80 5.2 13.4 20.0#





#25

Hexachlorobenzene

Concen: 3.89 ng

RT: 16.33 min Scan# 815

Delta R.T. 0.01 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDIC010

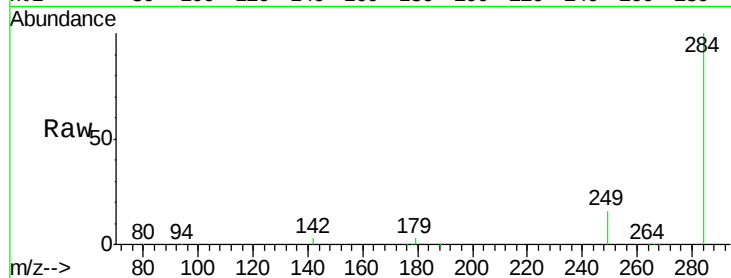
Tgt Ion:284 Resp: 98195

Ion Ratio Lower Upper

284 100

142 3.3 16.2 24.2#

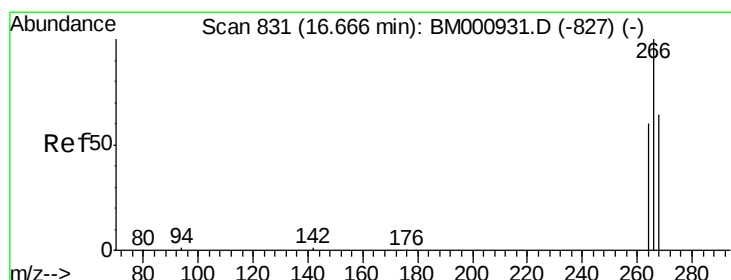
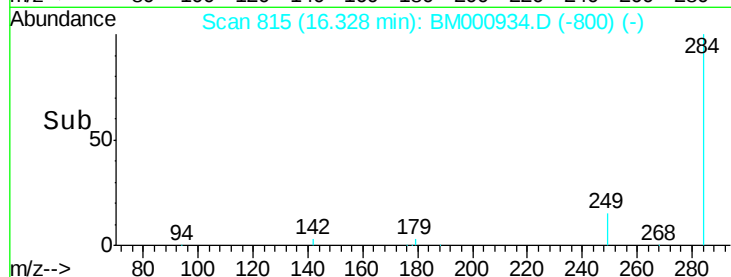
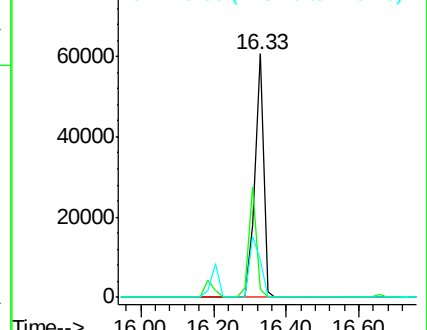
249 15.5 27.4 41.2#



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



#26

Pentachlorophenol

Concen: 6.30 ng

RT: 16.66 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

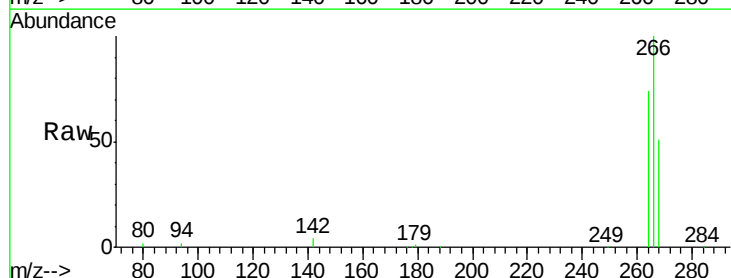
Tgt Ion:266 Resp: 46524

Ion Ratio Lower Upper

266 100

268 51.4 53.0 79.4#

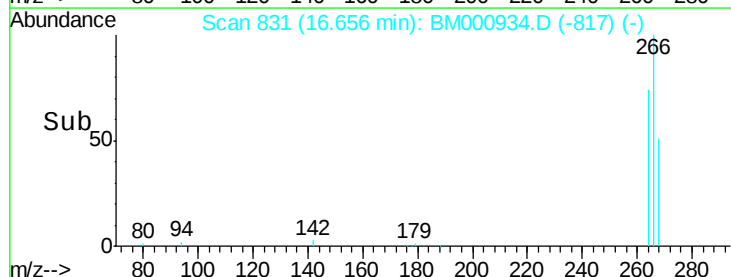
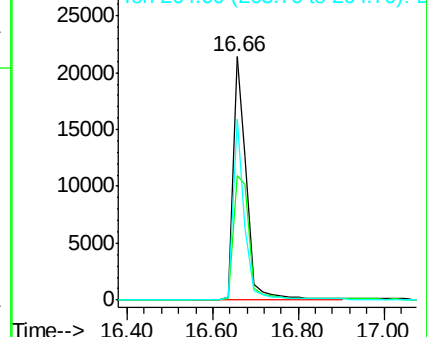
264 74.4 49.4 74.0#

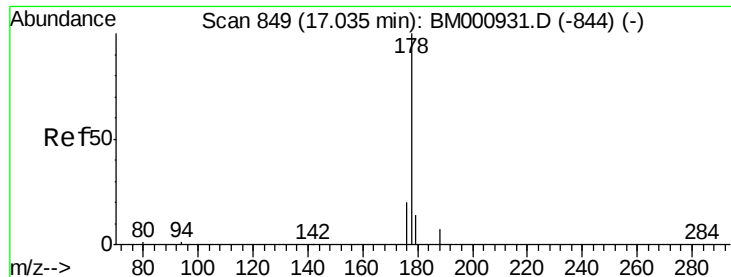


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#27

Phenanthrene

Concen: 3.88 ng

RT: 17.05 min Scan# 850

Delta R.T. 0.01 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

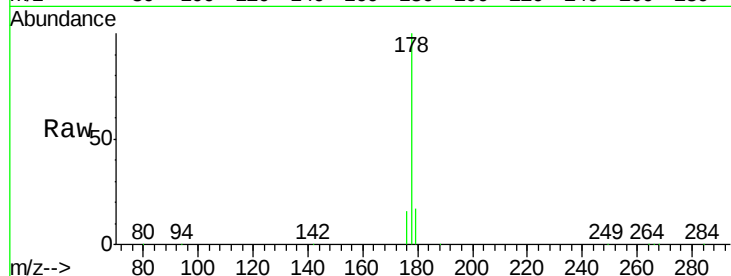
Tgt Ion:178 Resp: 454299

Ion Ratio Lower Upper

178 100

176 16.4 16.0 24.0

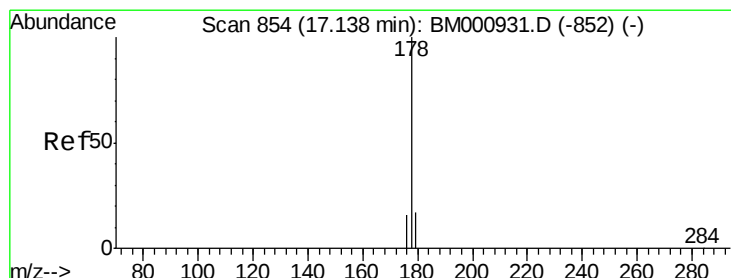
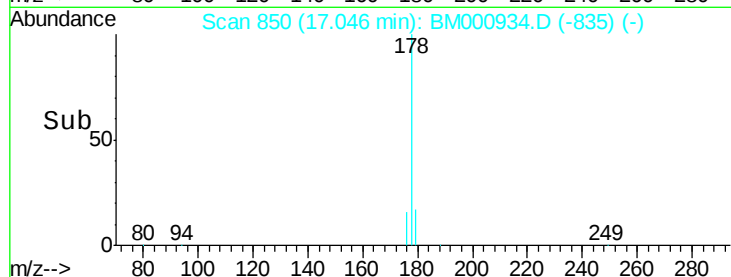
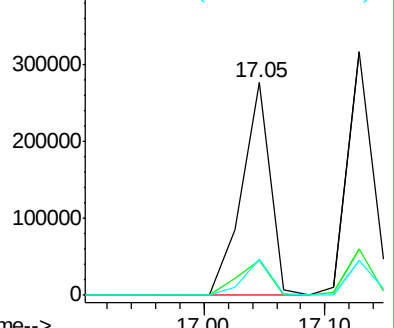
179 16.8 11.4 17.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#28

Anthracene

Concen: 4.69 ng

RT: 17.13 min Scan# 854

Delta R.T. -0.01 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

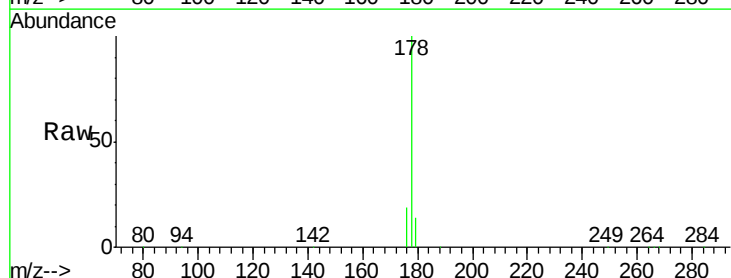
Tgt Ion:178 Resp: 467730

Ion Ratio Lower Upper

178 100

176 19.0 12.7 19.1

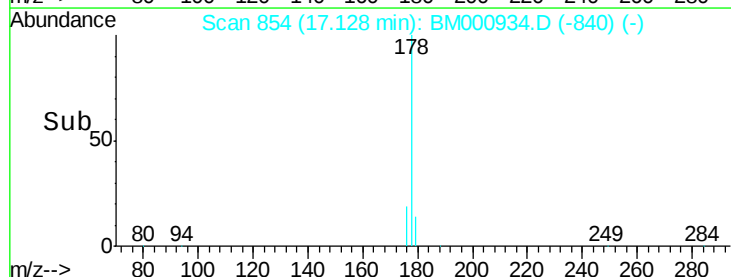
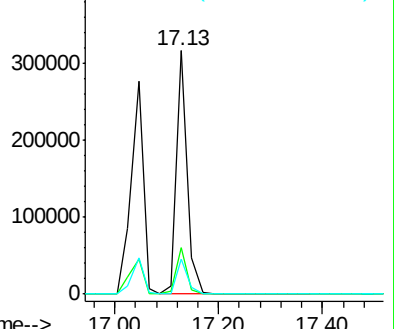
179 14.1 13.9 20.9

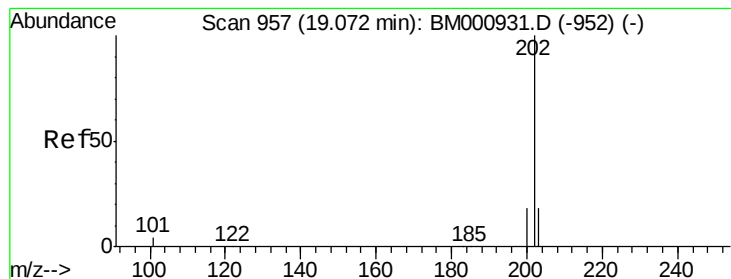


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Fluoranthene

Concen: 4.40 ng

RT: 19.06 min Scan# 957

Delta R.T. -0.01 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

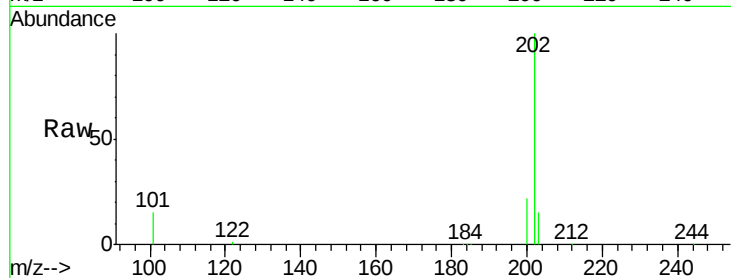
Tgt Ion:202 Resp: 521486

Ion Ratio Lower Upper

202 100

101 14.6 0.0 24.1

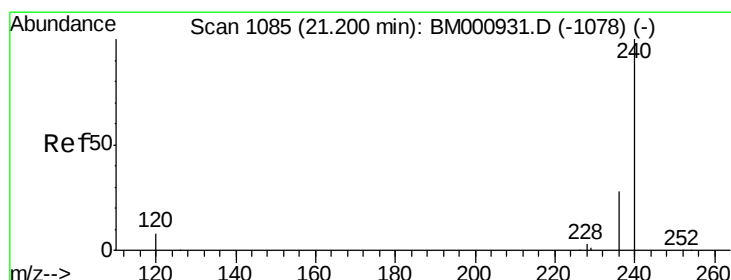
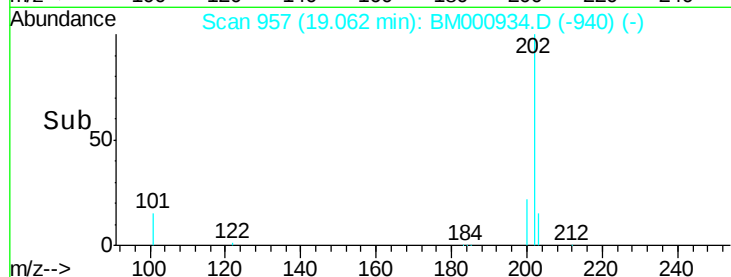
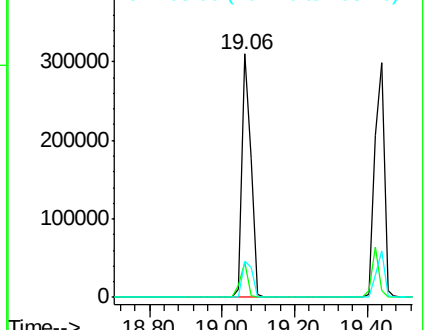
203 14.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.21 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

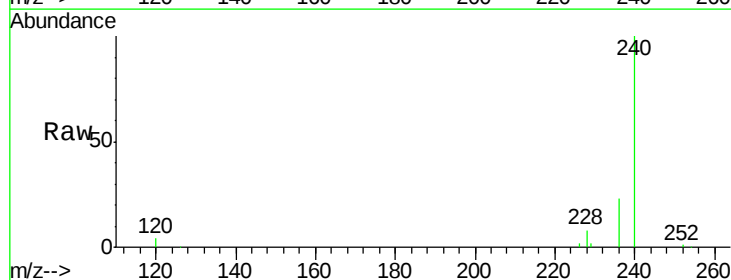
Tgt Ion:240 Resp: 147992

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

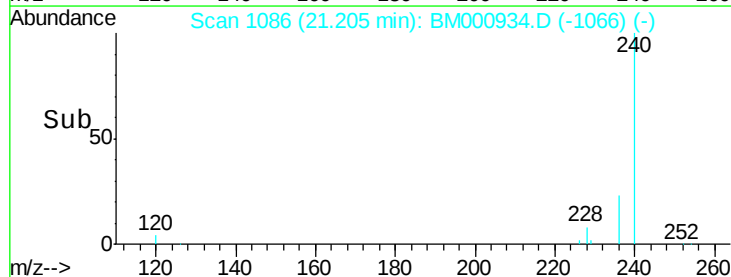
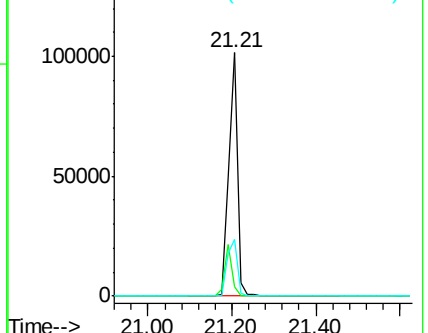
236 23.3 22.1 33.1

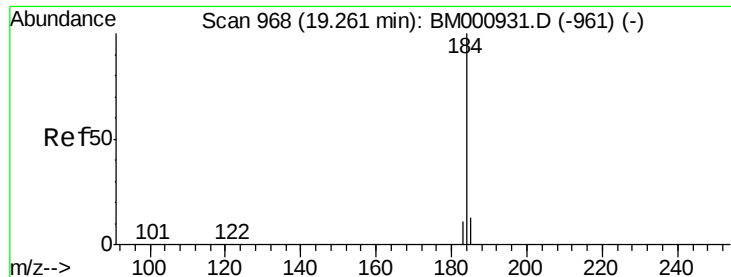


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

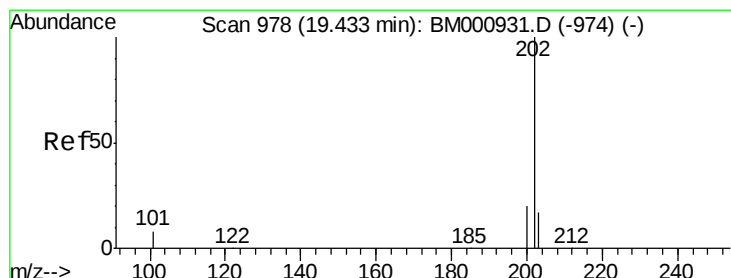
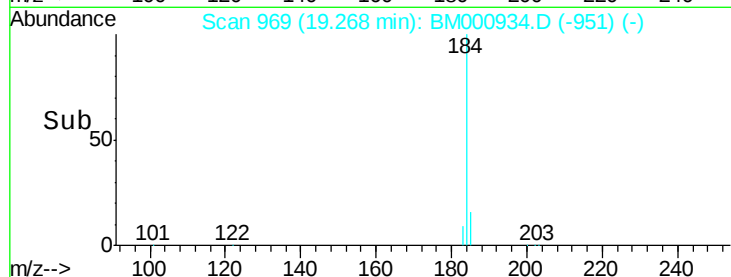
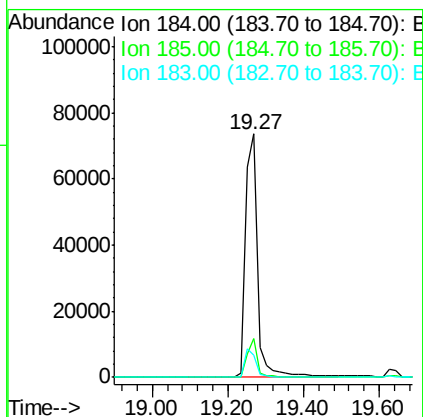
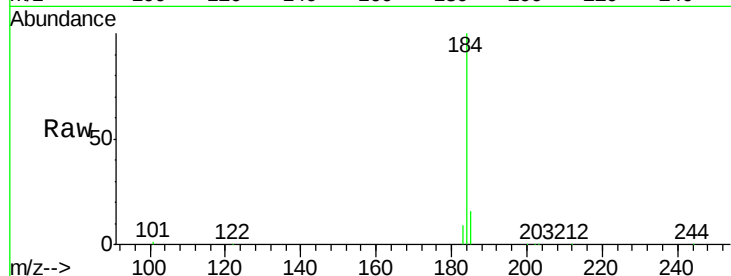




#31  
Benzidine  
Concen: 9.46 ng  
RT: 19.27 min Scan# 969  
Delta R.T. 0.01 min  
Lab File: BM000934.D  
Acq: 09 Apr 2015 22:34

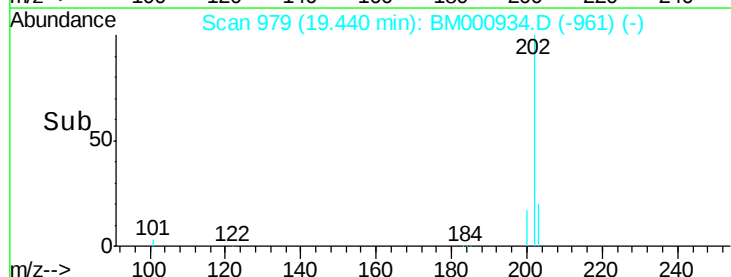
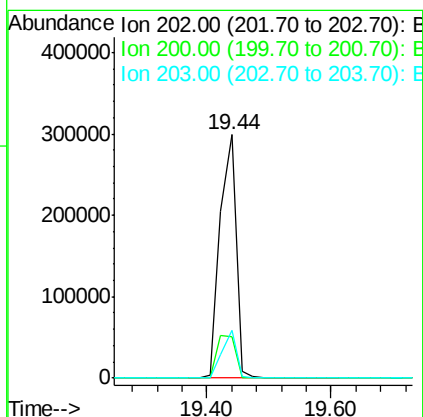
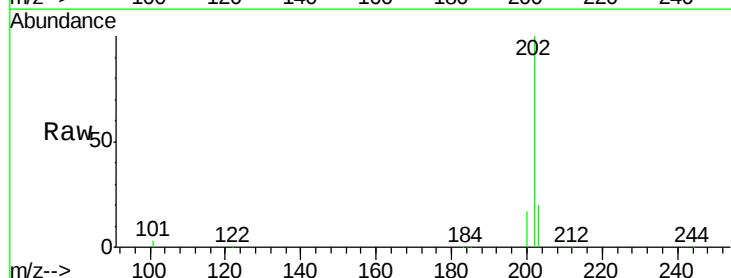
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

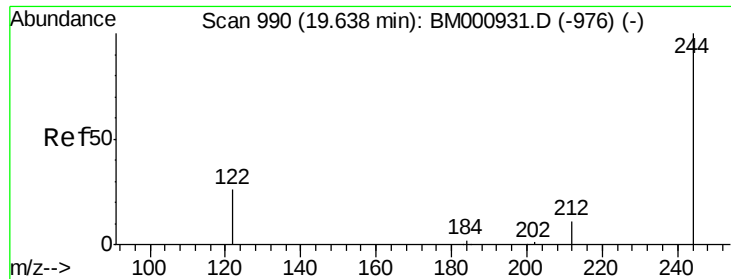
Tgt Ion:184 Resp: 165484  
Ion Ratio Lower Upper  
184 100  
185 16.1 12.2 18.4  
183 8.9 10.3 15.5#



#32  
Pyrene  
Concen: 4.32 ng  
RT: 19.44 min Scan# 979  
Delta R.T. 0.01 min  
Lab File: BM000934.D  
Acq: 09 Apr 2015 22:34

Tgt Ion:202 Resp: 534700  
Ion Ratio Lower Upper  
202 100  
200 16.9 16.2 24.4  
203 19.8 13.5 20.3

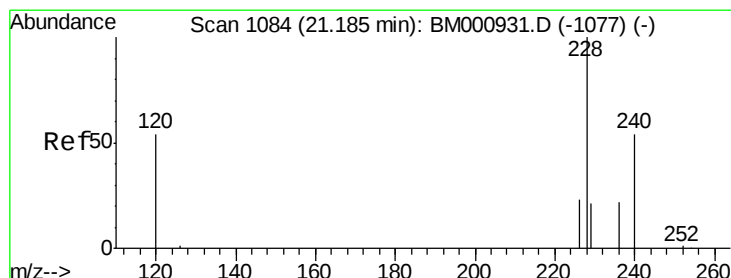
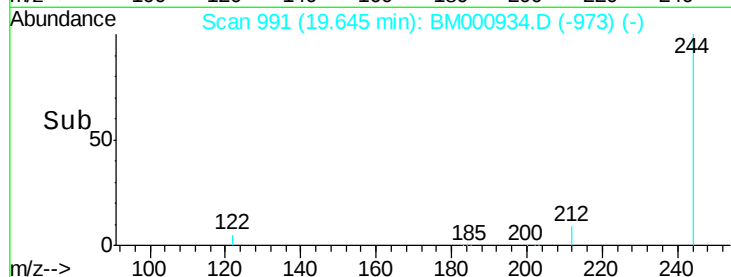
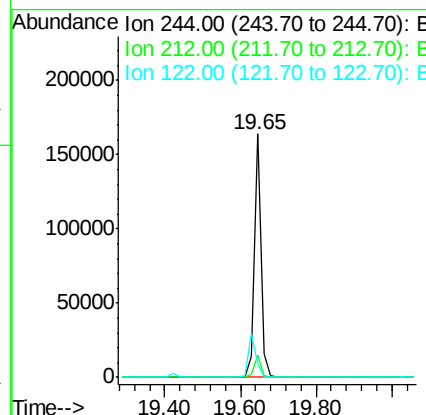
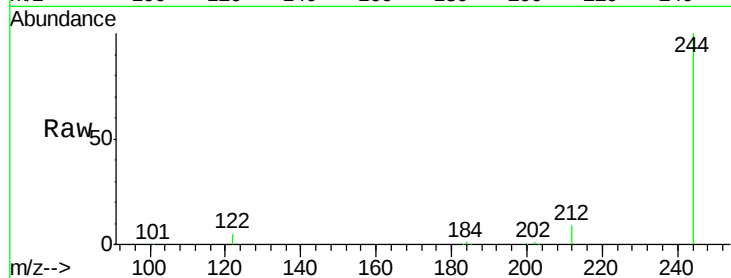




#33  
 Terphenyl-d14  
 Concen: 4.56 ng  
 RT: 19.65 min Scan# 991  
 Delta R.T. 0.01 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

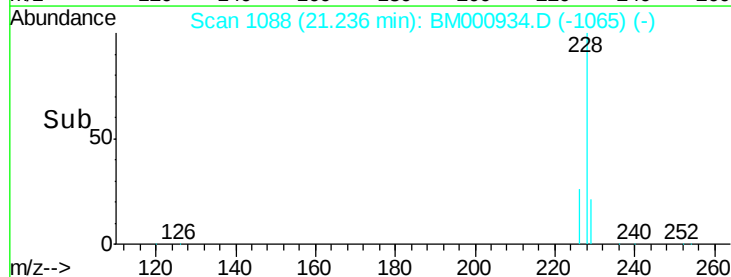
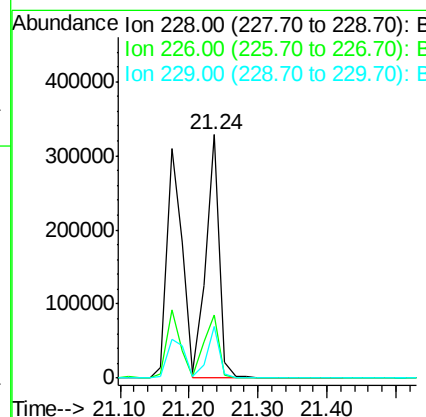
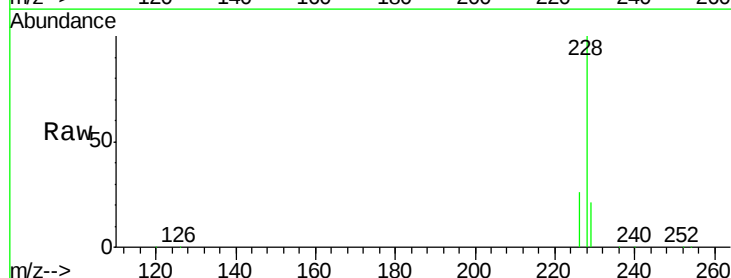
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

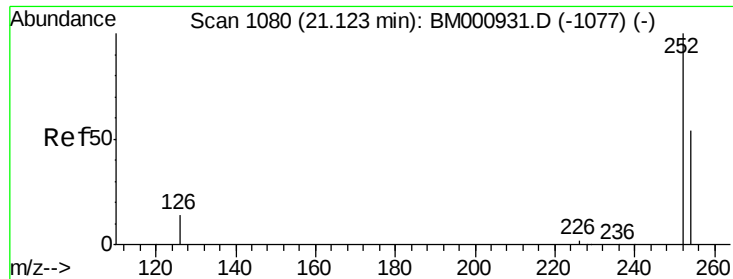
Tgt Ion:244 Resp: 201371  
 Ion Ratio Lower Upper  
 244 100  
 212 9.0 9.4 14.0#  
 122 5.3 20.9 31.3#



#34  
 Benzo(a)anthracene  
 Concen: 4.31 ng  
 RT: 21.24 min Scan# 1088  
 Delta R.T. 0.05 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

Tgt Ion:228 Resp: 447109  
 Ion Ratio Lower Upper  
 228 100  
 226 26.0 18.9 28.3  
 229 21.2 16.8 25.2

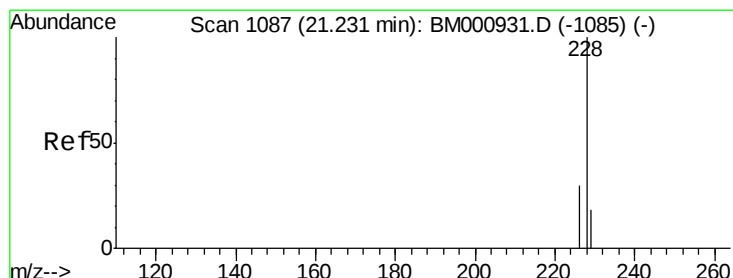
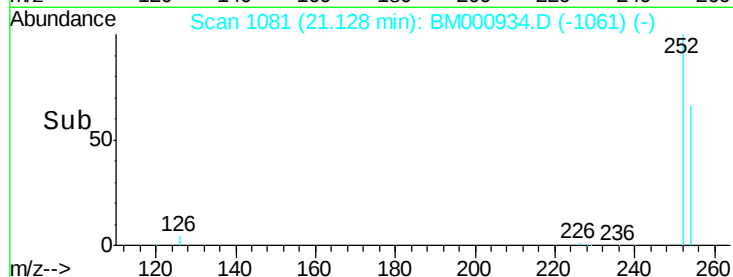
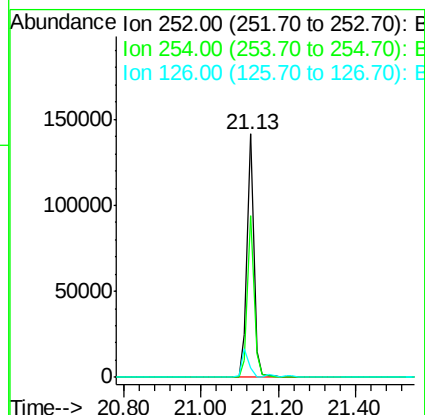
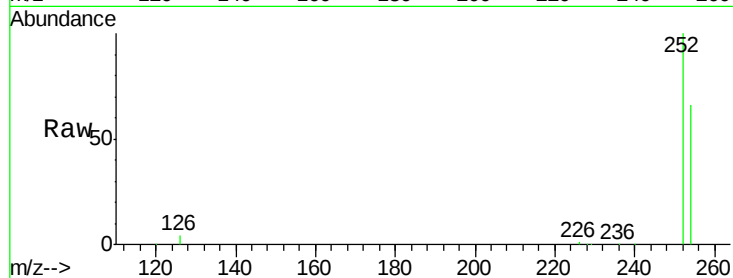




#35  
 3,3'-Dichlorobenzidine  
 Concen: 6.82 ng  
 RT: 21.13 min Scan# 1081  
 Delta R.T. 0.01 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

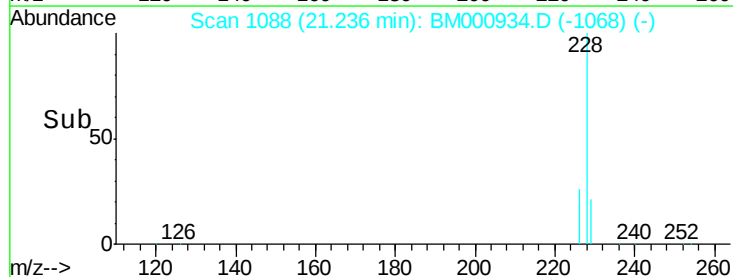
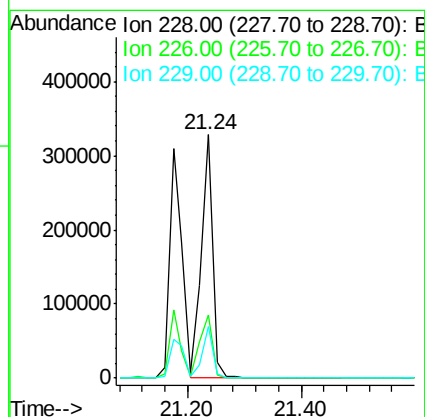
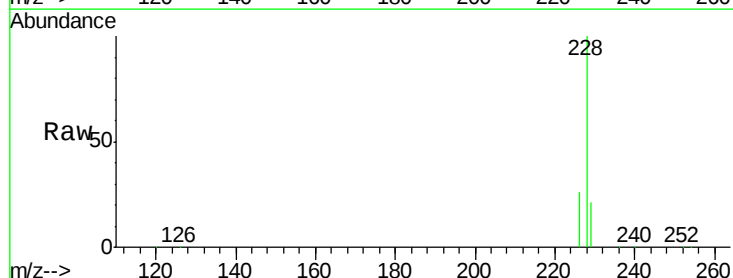
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

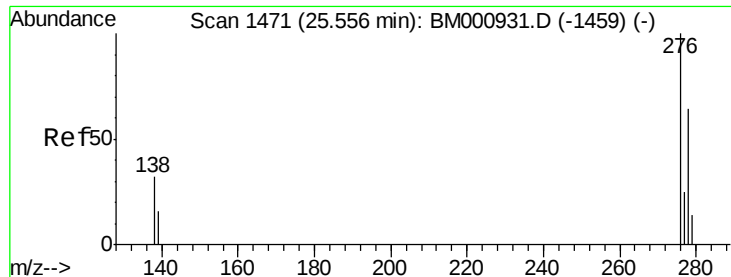
Tgt Ion: 252 Resp: 173324  
 Ion Ratio Lower Upper  
 252 100  
 254 66.5 43.4 65.2#  
 126 3.9 12.3 18.5#



#36  
 Chrysene  
 Concen: 4.06 ng  
 RT: 21.24 min Scan# 1088  
 Delta R.T. 0.01 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

Tgt Ion: 228 Resp: 448374  
 Ion Ratio Lower Upper  
 228 100  
 226 26.0 23.4 35.2  
 229 21.2 15.0 22.6

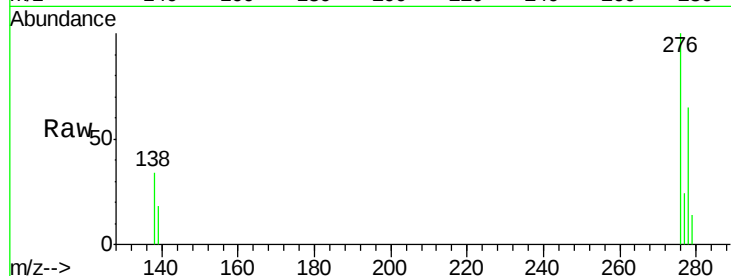




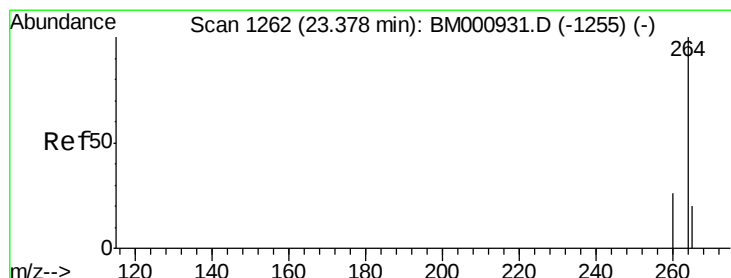
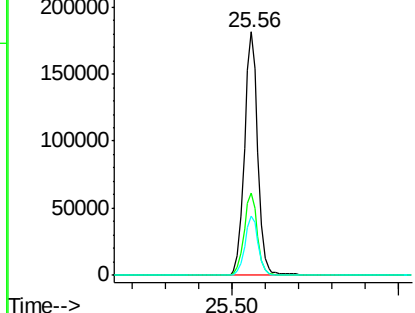
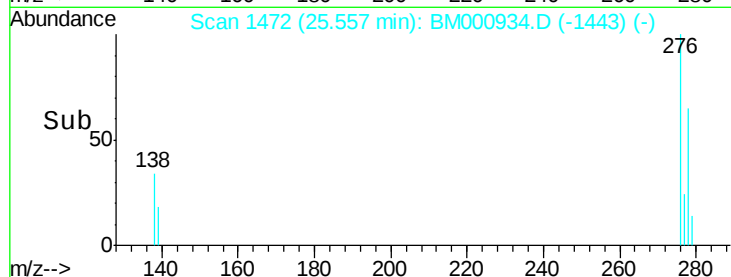
#37  
 Indeno(1,2,3-cd)pyrene  
 Concen: 4.53 ng  
 RT: 25.56 min Scan# 1472  
 Delta R.T. 0.00 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

Tgt Ion: 276 Resp: 504854  
 Ion Ratio Lower Upper  
 276 100  
 138 33.9 26.6 40.0  
 277 24.6 19.8 29.6

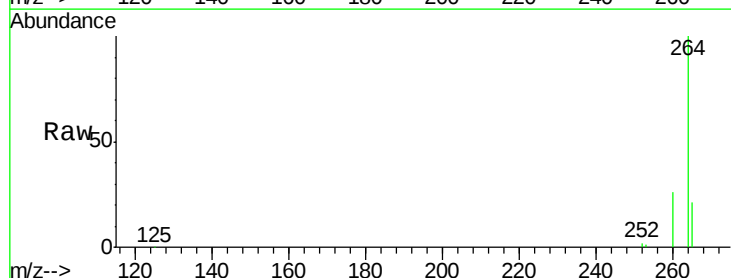


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

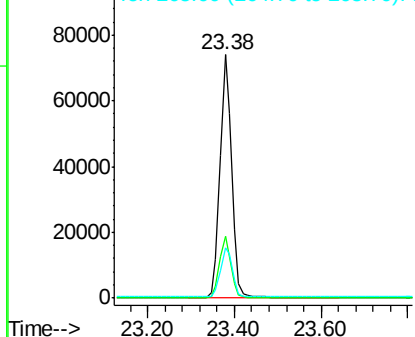
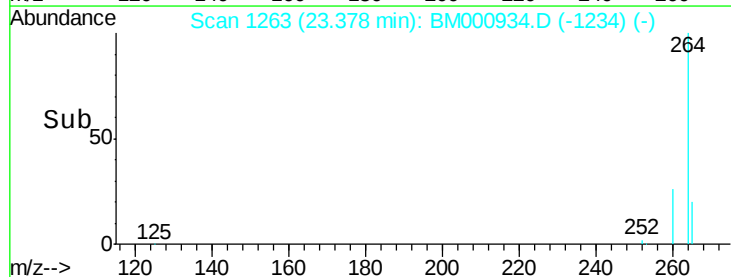


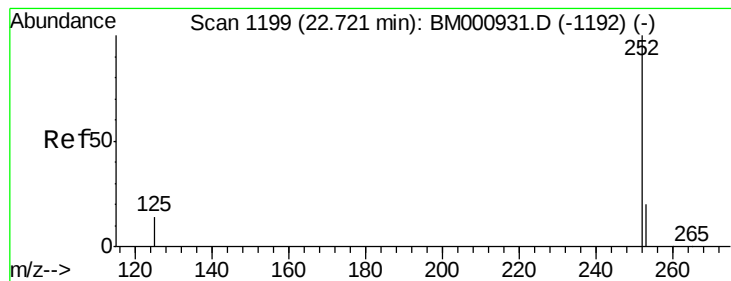
#38  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.38 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: BM000934.D  
 Acq: 09 Apr 2015 22:34

Tgt Ion: 264 Resp: 135548  
 Ion Ratio Lower Upper  
 264 100  
 260 25.6 20.6 30.8  
 265 20.8 16.4 24.6



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





#39

Benzo(b)fluoranthene

Concen: 4.51 ng

RT: 22.72 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDIC010

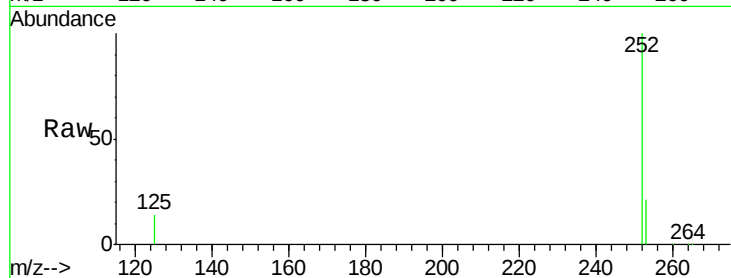
Tgt Ion:252 Resp: 454132

Ion Ratio Lower Upper

252 100

253 20.7 16.9 25.3

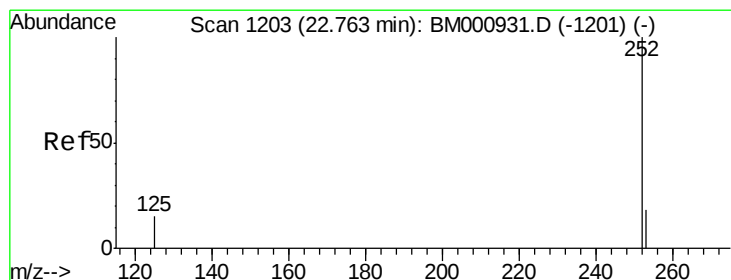
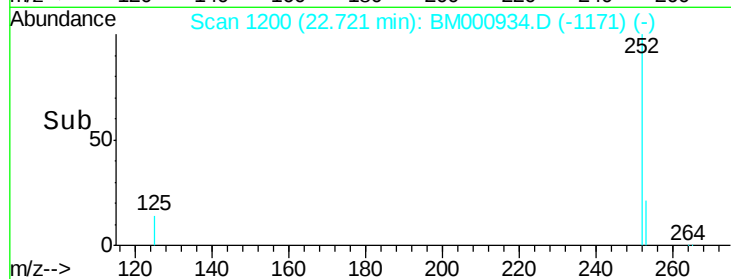
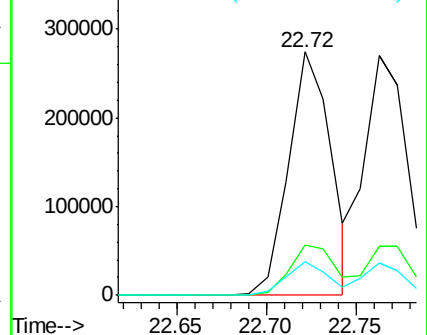
125 13.7 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#40

Benzo(k)fluoranthene

Concen: 4.44 ng

RT: 22.76 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

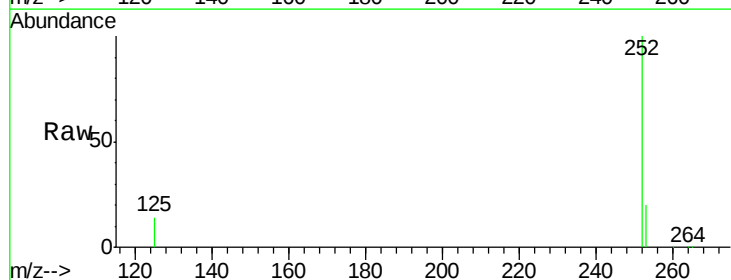
Tgt Ion:252 Resp: 457076

Ion Ratio Lower Upper

252 100

253 20.4 16.9 25.3

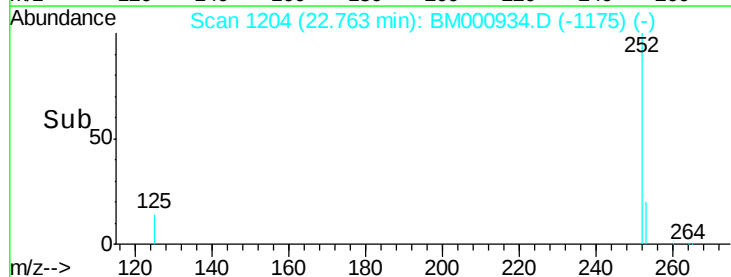
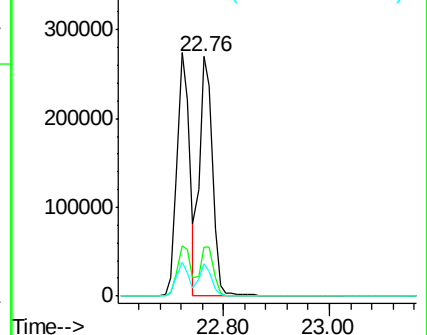
125 13.8 11.2 16.8

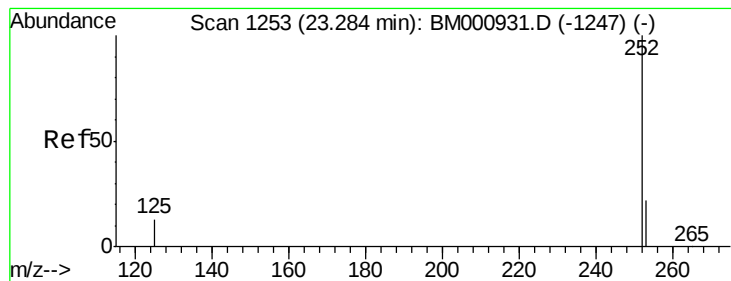


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#41

Benzo(a)pyrene

Concen: 4.68 ng

RT: 23.28 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDIC010

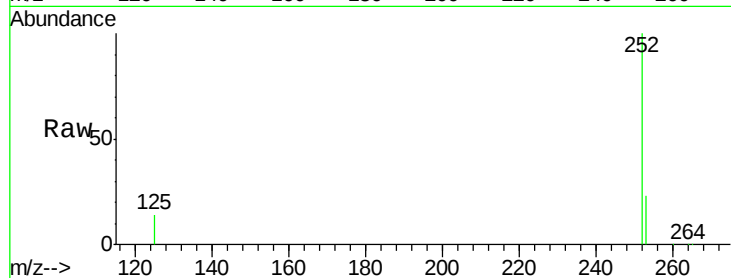
Tgt Ion: 252 Resp: 427155

Ion Ratio Lower Upper

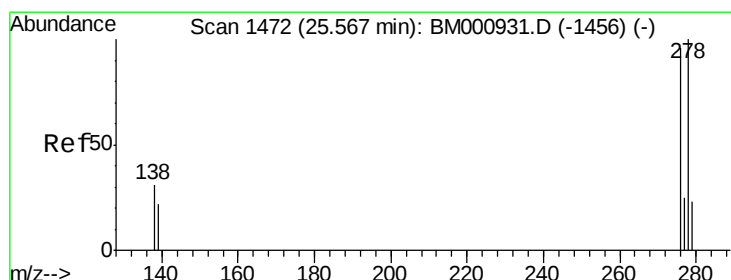
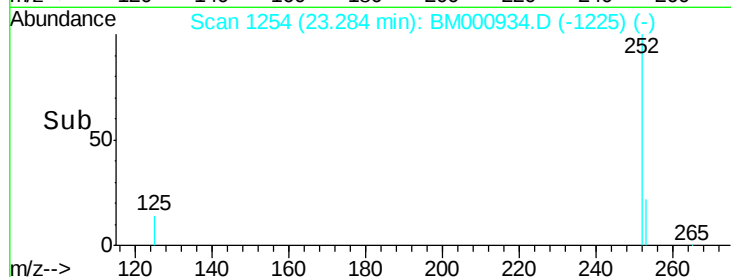
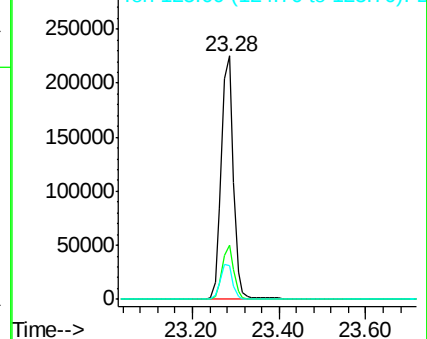
252 100

253 22.5 19.0 28.4

125 13.7 11.0 16.6



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



#42

Dibenzo(a,h)anthracene

Concen: 4.60 ng

RT: 25.57 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BM000934.D

Acq: 09 Apr 2015 22:34

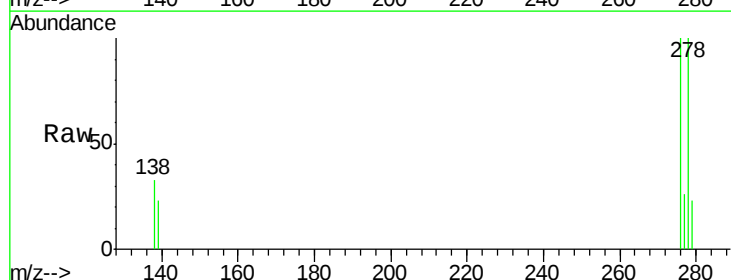
Tgt Ion: 278 Resp: 394761

Ion Ratio Lower Upper

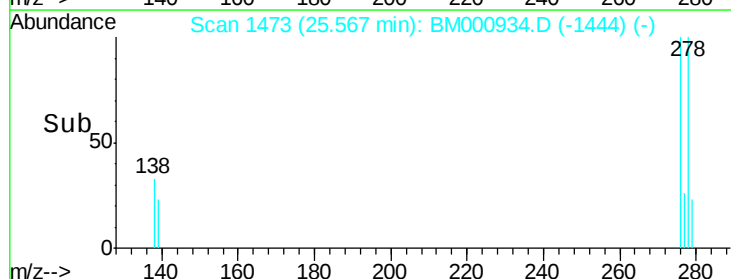
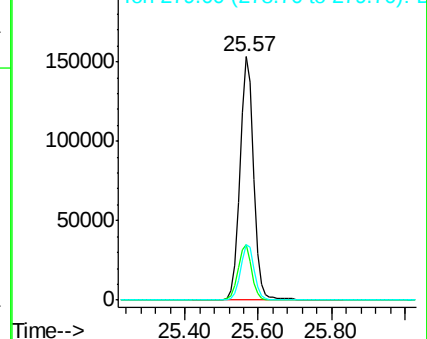
278 100

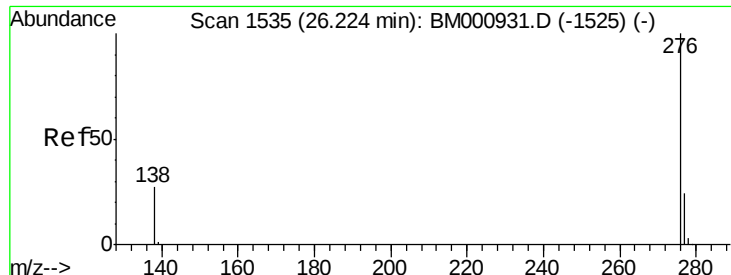
139 22.6 17.8 26.8

279 23.0 19.0 28.6



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





#43

Benzo(g,h,i)perylene

Concen: 4.37 ng

RT: 26.22 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM000934.D

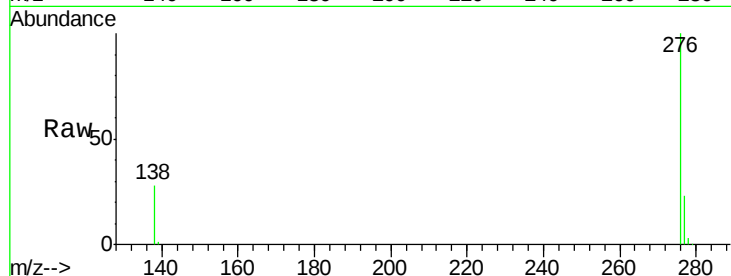
Acq: 09 Apr 2015 22:34

Instrument :

BNA\_M

ClientSampleId :

SSTDIC010



Tgt Ion: 276 Resp: 415565

Ion Ratio Lower Upper

276 100

277 23.1 19.4 29.0

138 28.1 21.7 32.5

