

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM050415\  
 Data File : BM001205.D  
 Acq On : 05 May 2015 04:00  
 Operator : TP/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

Quant Time: May 05 04:59:38 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIMPAH-BM050115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 04 16:48:07 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 20890    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.31 | 136  | 84802    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.18 | 164  | 50333    | 5.00 | ng    | -0.02    |
| 18) Phenanthrene-d10      | 16.94 | 188  | 130621   | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12          | 21.15 | 240  | 112097   | 5.00 | ng    | 0.00     |
| 30) Perylene-d12          | 23.29 | 264  | 90314    | 5.00 | ng    | -0.01    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.11  | 112 | 4444  | 1.09 | ng | -0.01 |
| 5) Phenol-d6                | 6.72  | 99  | 5804  | 1.16 | ng | 0.02  |
| 7) Nitrobenzene-d5          | 8.68  | 82  | 5109  | 1.06 | ng | -0.01 |
| 13) 2,4,6-Tribromophenol    | 15.69 | 330 | 3145  | 1.41 | ng | 0.00  |
| 14) 2-Fluorobiphenyl        | 12.80 | 172 | 16572 | 1.00 | ng | -0.01 |
| 26) Terphenyl-d14           | 19.58 | 244 | 16264 | 1.05 | ng | -0.01 |

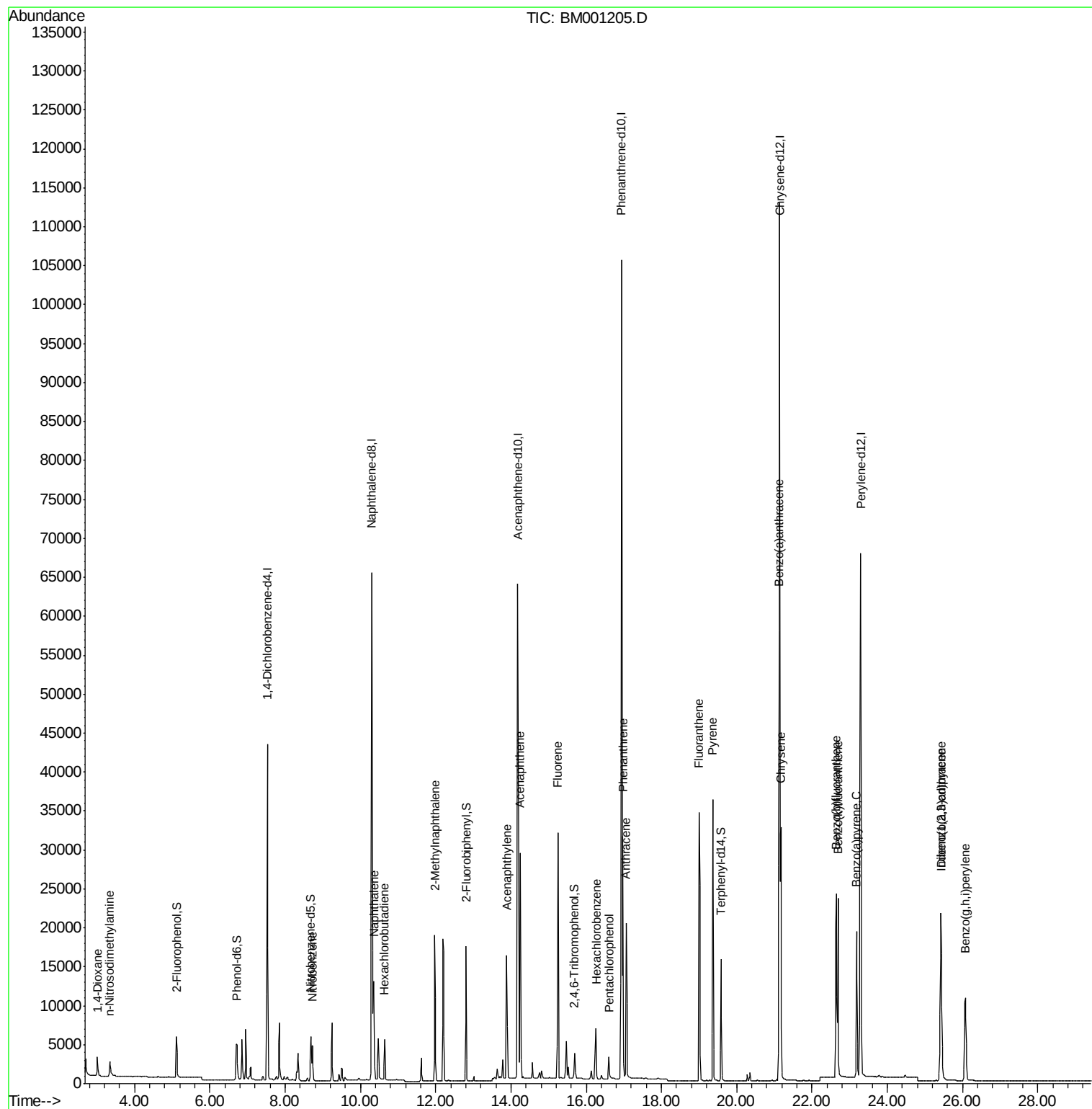
|                            |       |     |       |        |    |       |
|----------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds           |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane             | 3.01  | 88  | 2170  | 0.87   | ng | 94    |
| 3) n-Nitrosodimethylamine  | 3.34  | 42  | 2386  | 0.93   | ng | # 87  |
| 8) Nitrobenzene            | 8.72  | 77  | 5392  | 0.99   | ng | 95    |
| 9) Naphthalene             | 10.36 | 128 | 18648 | 1.00   | ng | 99    |
| 10) Hexachlorobutadiene    | 10.65 | 225 | 3587  | 1.00   | ng | 99    |
| 11) 2-Methylnaphthalene    | 11.98 | 142 | 13321 | 1.04   | ng | 92    |
| 15) Acenaphthylene         | 13.89 | 152 | 23757 | 1.08   | ng | # 100 |
| 16) Acenaphthene           | 14.24 | 154 | 16110 | 1.06   | ng | 95    |
| 17) Fluorene               | 15.24 | 166 | 19921 | 1.13   | ng | 99    |
| 19) Hexachlorobenzene      | 16.26 | 284 | 6704  | 0.95   | ng | # 94  |
| 20) Pentachlorophenol      | 16.61 | 266 | 2420  | 1.13   | ng | 96    |
| 21) Phenanthrene           | 16.98 | 178 | 32916 | 0.98   | ng | 98    |
| 22) Anthracene             | 17.06 | 178 | 28634 | 1.03   | ng | 99    |
| 23) Fluoranthene           | 19.00 | 202 | 34824 | 1.02   | ng | 100   |
| 25) Pyrene                 | 19.36 | 202 | 36766 | 1.05   | ng | 100   |
| 27) Benzo(a)anthracene     | 21.13 | 228 | 33028 | 1.05   | ng | 93    |
| 28) Chrysene               | 21.18 | 228 | 31539 | 1.02   | ng | # 91  |
| 29) Indeno(1,2,3-cd)pyrene | 25.42 | 276 | 25188 | 0.89   | ng | 99    |
| 31) Benzo(b)fluoranthene   | 22.65 | 252 | 30718 | 1.10   | ng | 99    |
| 32) Benzo(k)fluoranthene   | 22.69 | 252 | 26113 | 1.00   | ng | 99    |
| 33) Benzo(a)pyrene         | 23.19 | 252 | 24835 | 1.06   | ng | 100   |
| 34) Dibenzo(a,h)anthracene | 25.43 | 278 | 19759 | 0.96   | ng | 96    |
| 35) Benzo(g,h,i)perylene   | 26.08 | 276 | 20241 | 0.93   | ng | 99    |

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

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM050415\  
Data File : BM001205.D  
Acq On : 05 May 2015 04:00  
Operator : TP/IZ  
Sample : SSTDCCC001  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

Quant Time: May 05 04:59:38 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIMPAH-BM050115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 04 16:48:07 2015  
Response via : Initial Calibration

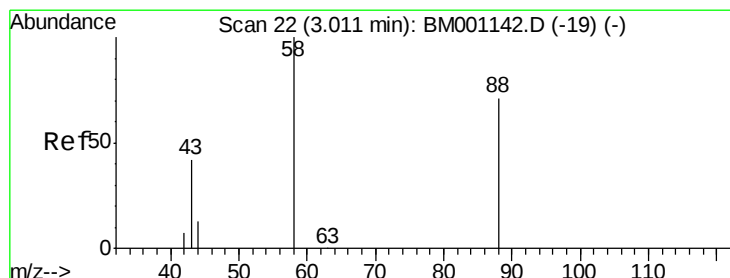
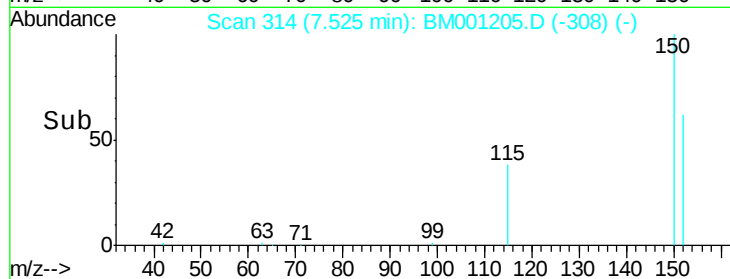
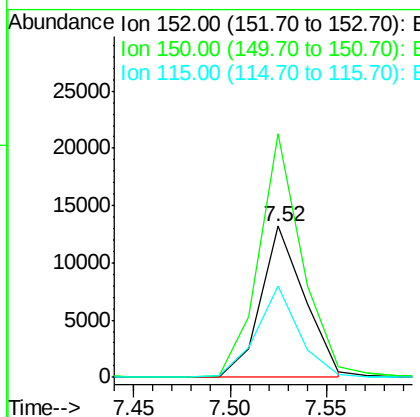
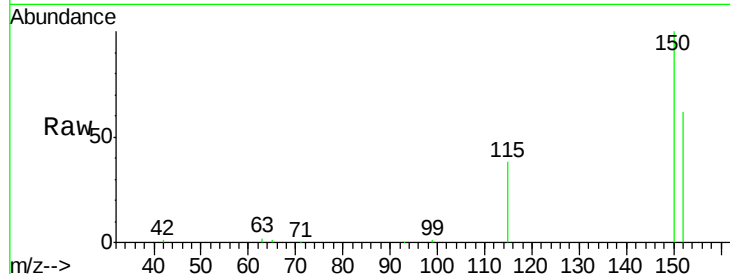




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.52 min Scan# 314  
 Delta R.T. -0.00 min  
 Lab File: BM001205.D  
 Acq: 05 May 2015 04:00

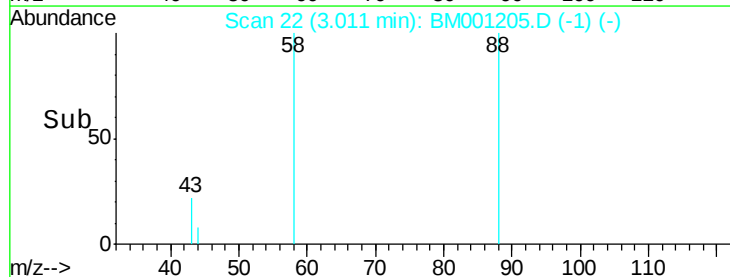
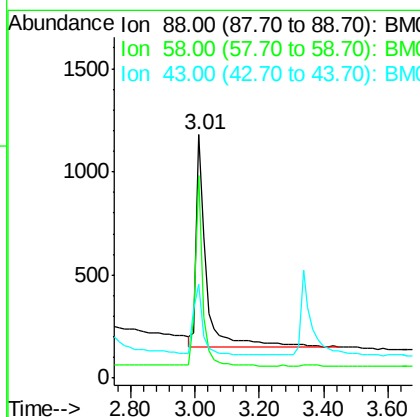
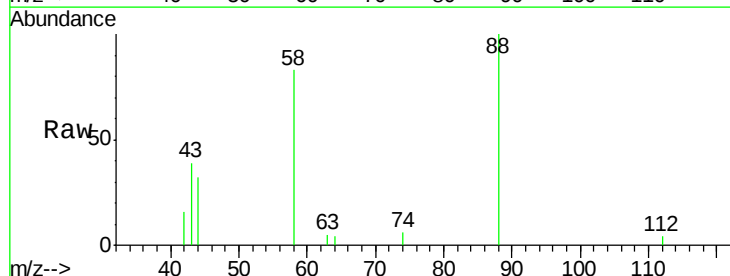
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

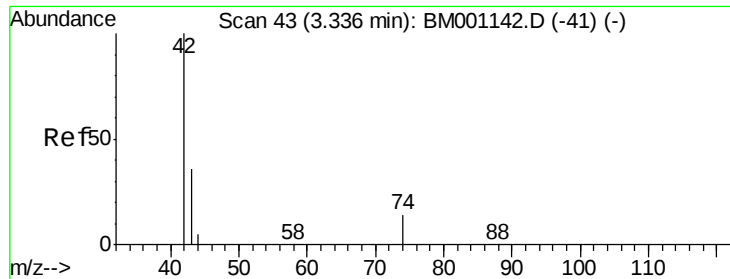
Tgt Ion: 152 Resp: 20890  
 Ion Ratio Lower Upper  
 152 100  
 150 161.0 140.1 210.1  
 115 60.6 57.8 86.6



#2  
 1,4-Dioxane  
 Concen: 0.87 ng  
 RT: 3.01 min Scan# 22  
 Delta R.T. 0.00 min  
 Lab File: BM001205.D  
 Acq: 05 May 2015 04:00

Tgt Ion: 88 Resp: 2170  
 Ion Ratio Lower Upper  
 88 100  
 58 65.9 48.2 72.2  
 43 33.2 24.8 37.2





#3

n-Nitrosodimethylamine

Concen: 0.93 ng

RT: 3.34 min Scan# 43

Delta R.T. -0.00 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

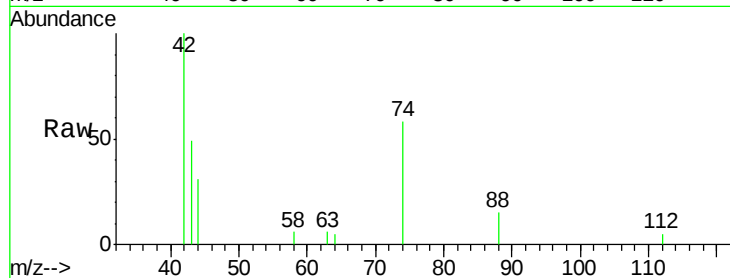
Tgt Ion: 42 Resp: 2386

Ion Ratio Lower Upper

42 100

74 102.3 72.0 108.0

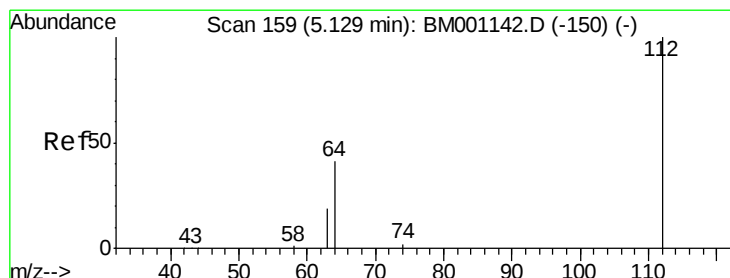
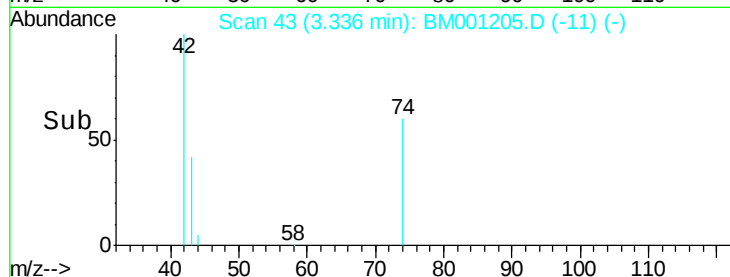
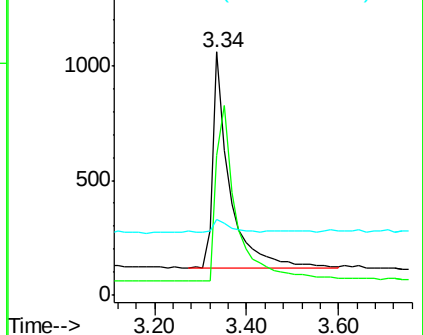
44 6.8 3.7 5.5#



Abundance Ion 42.00 (41.70 to 42.70): BM001142.D (-41) (-)

Ion 74.00 (73.70 to 74.70): BM001142.D (-41) (-)

Ion 44.00 (43.70 to 44.70): BM001142.D (-41) (-)



#4

2-Fluorophenol

Concen: 1.09 ng

RT: 5.11 min Scan# 158

Delta R.T. -0.01 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

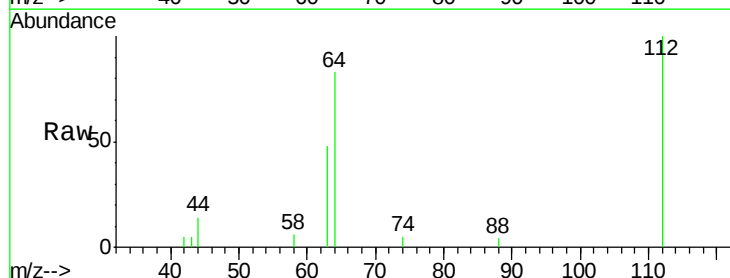
Tgt Ion: 112 Resp: 4444

Ion Ratio Lower Upper

112 100

64 64.4 52.6 79.0

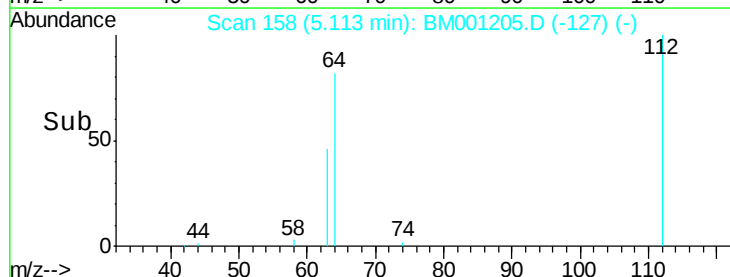
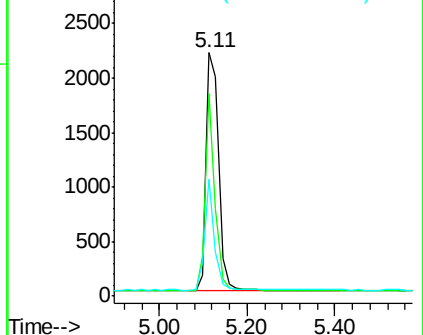
63 35.7 29.5 44.3

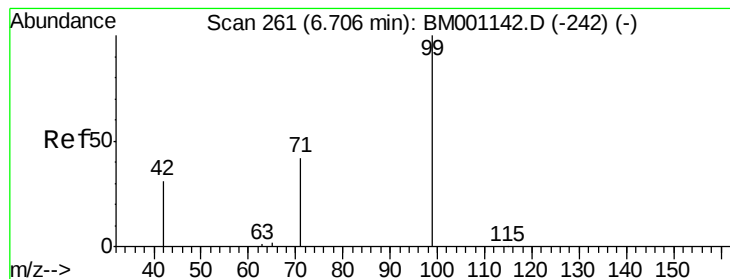


Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

Ion 64.00 (63.70 to 64.70): BM001142.D (-150) (-)

Ion 63.00 (62.70 to 63.70): BM001142.D (-150) (-)





#5

Phenol-d6

Concen: 1.16 ng

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

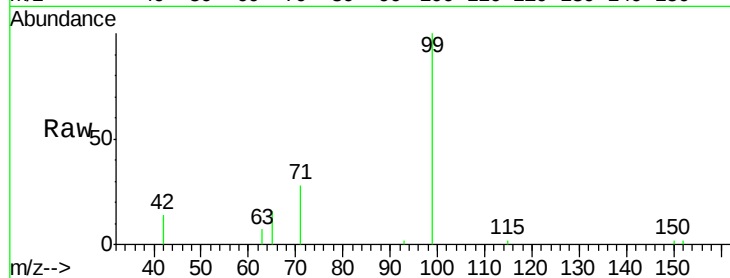
Tgt Ion: 99 Resp: 5804

Ion Ratio Lower Upper

99 100

42 24.9 20.9 31.3

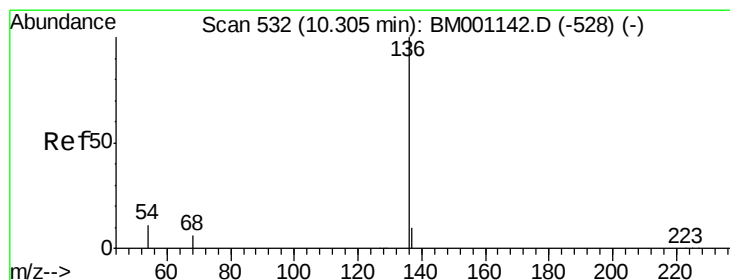
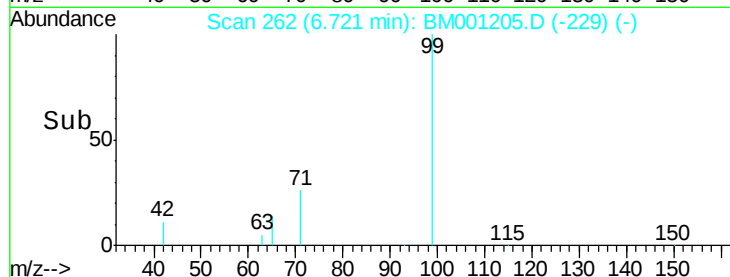
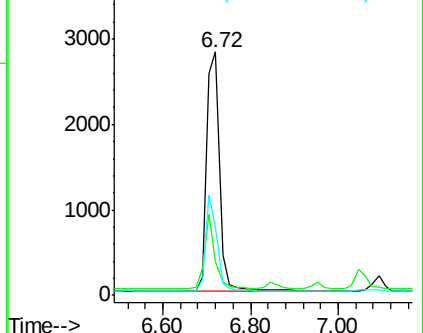
71 35.1 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001142.D (-242) (-)

Ion 42.00 (41.70 to 42.70): BM001142.D (-242) (-)

Ion 71.00 (70.70 to 71.70): BM001142.D (-242) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. -0.00 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

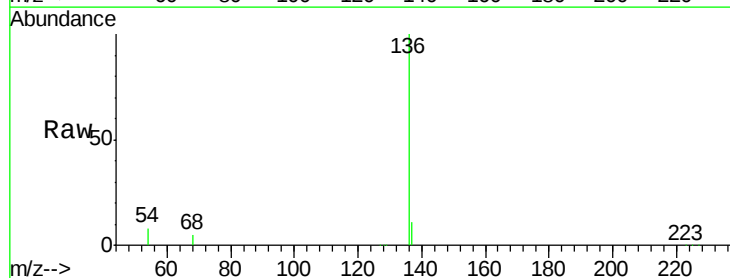
Tgt Ion: 136 Resp: 84802

Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

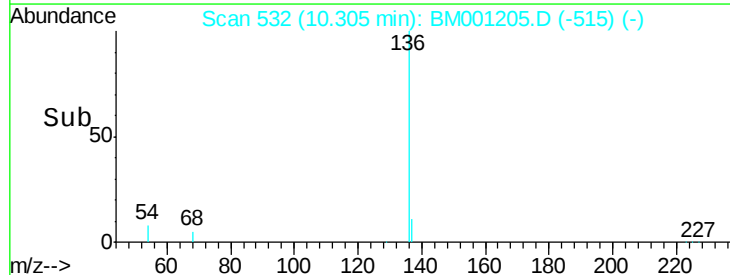
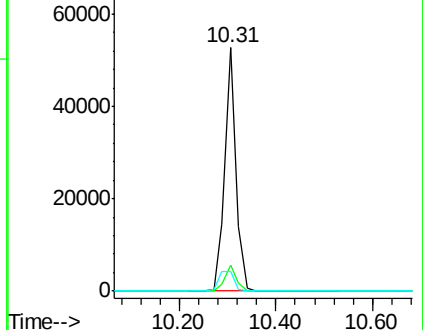
54 8.0 9.0 13.4#

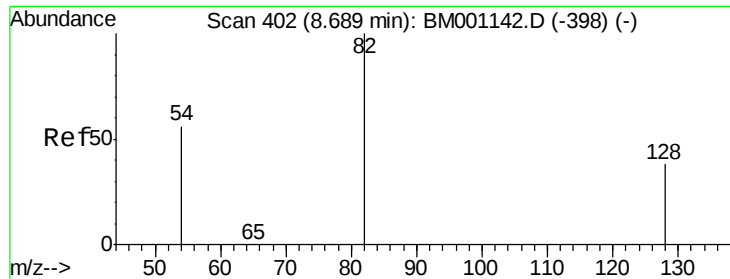


Abundance Ion 136.00 (135.70 to 136.70): BM001142.D (-528) (-)

Ion 137.00 (136.70 to 137.70): BM001142.D (-528) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-528) (-)





#7

Nitrobenzene-d5

Concen: 1.06 ng

RT: 8.68 min Scan# 401

Delta R.T. -0.01 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

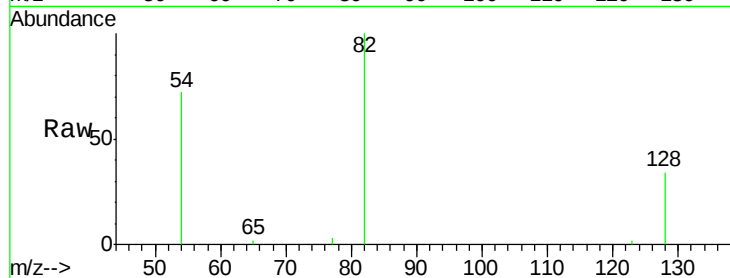
Tgt Ion: 82 Resp: 5109

Ion Ratio Lower Upper

82 100

128 34.3 31.9 47.9

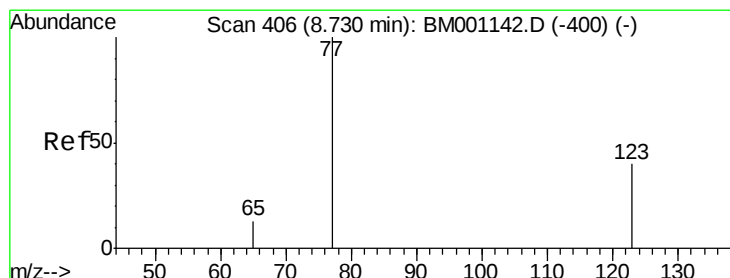
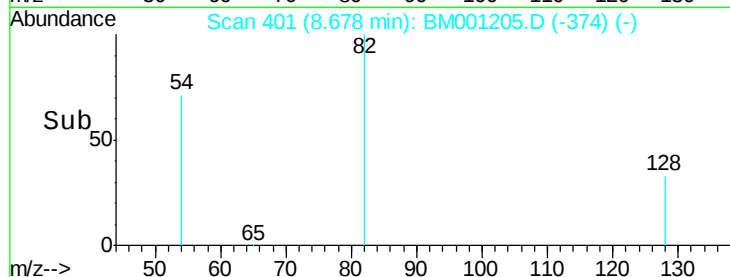
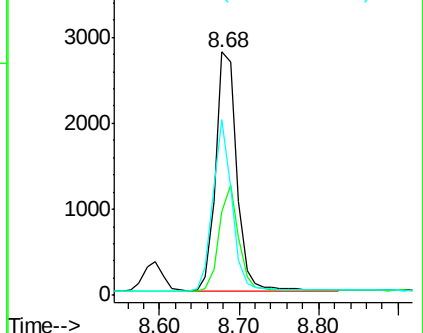
54 72.0 46.2 69.2#



Abundance Ion 82.00 (81.70 to 82.70): BM001142.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001142.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-398) (-)



#8

Nitrobenzene

Concen: 0.99 ng

RT: 8.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

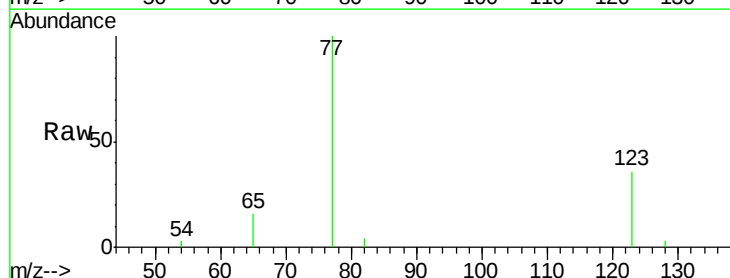
Tgt Ion: 77 Resp: 5392

Ion Ratio Lower Upper

77 100

123 42.7 31.0 46.6

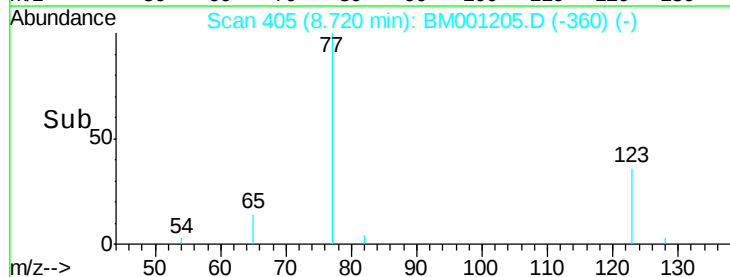
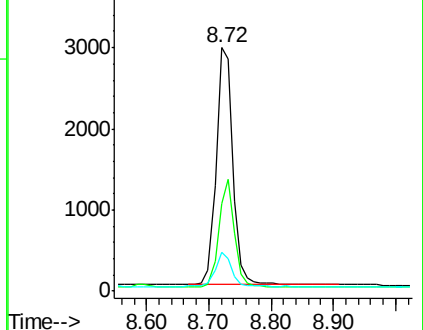
65 13.8 10.6 15.8

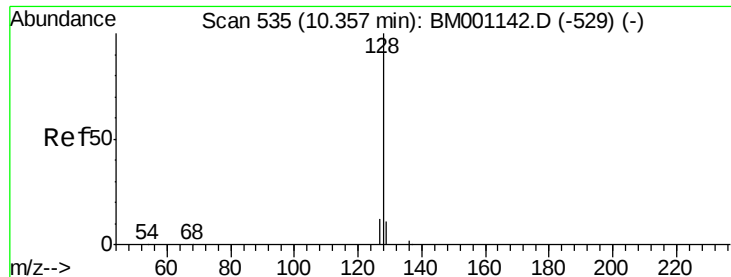


Abundance Ion 77.00 (76.70 to 77.70): BM001142.D (-400) (-)

Ion 123.00 (122.70 to 123.70): BM001142.D (-400) (-)

Ion 65.00 (64.70 to 65.70): BM001142.D (-400) (-)





#9

Naphthalene

Concen: 1.00 ng

RT: 10.36 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

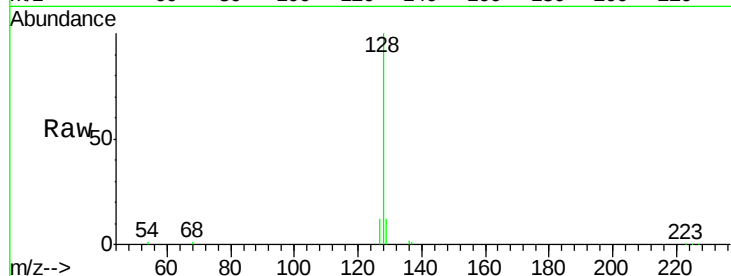
Tgt Ion:128 Resp: 18648

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

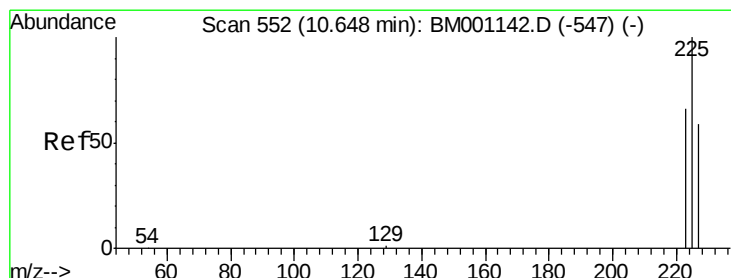
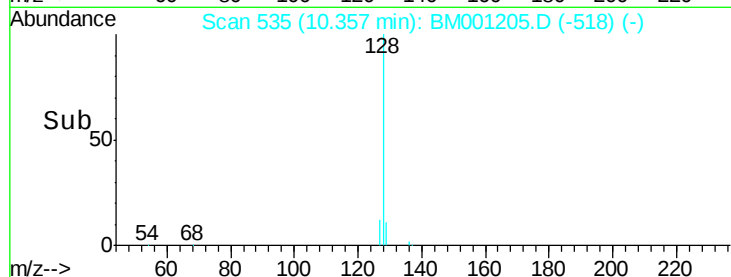
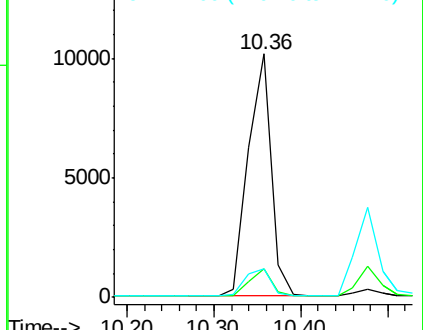
127 12.0 10.0 15.0



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



#10

Hexachlorobutadiene

Concen: 1.00 ng

RT: 10.65 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

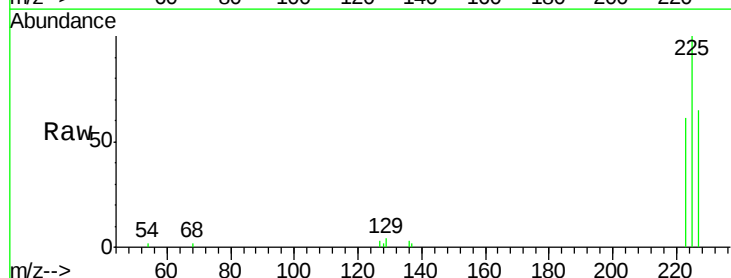
Tgt Ion:225 Resp: 3587

Ion Ratio Lower Upper

225 100

223 62.6 50.8 76.2

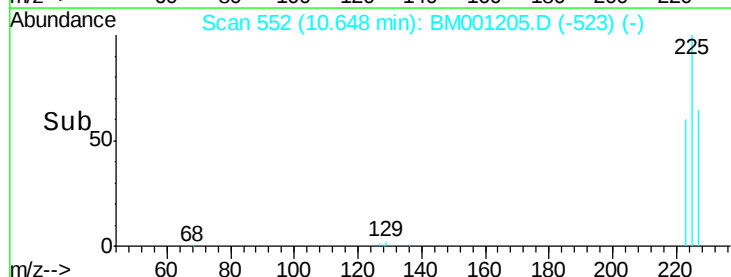
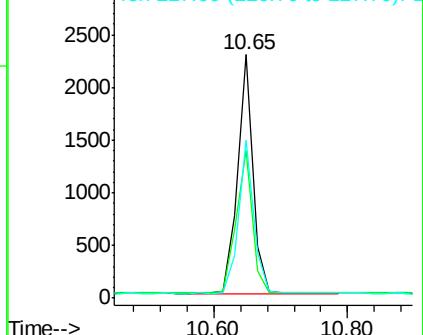
227 63.7 51.0 76.4

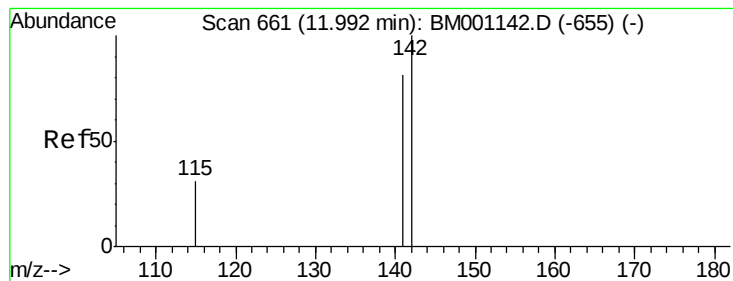


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

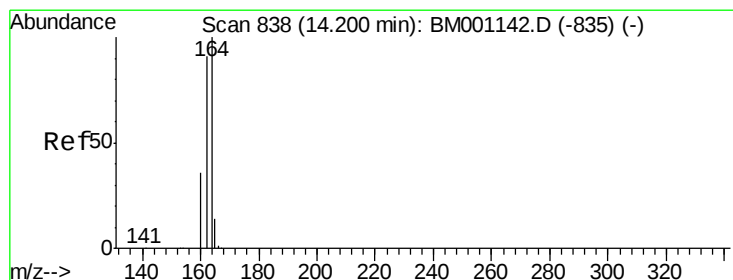
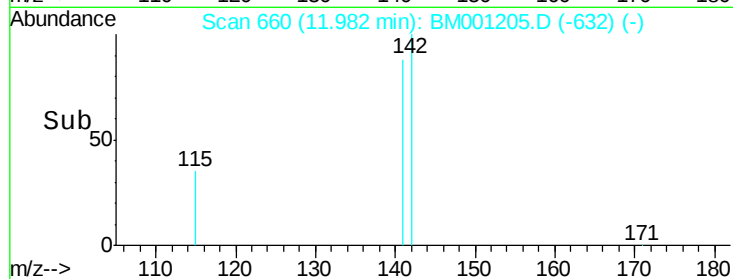
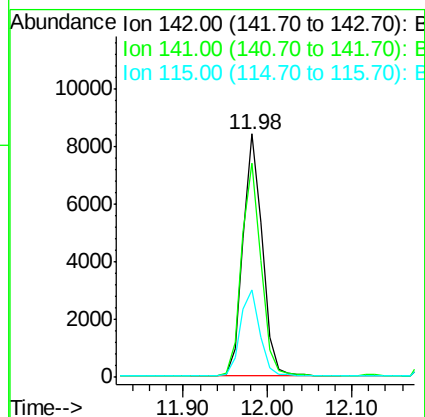
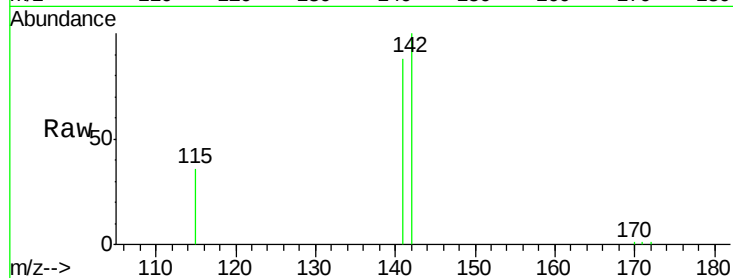




#11  
2-Methylnaphthalene  
Concen: 1.04 ng  
RT: 11.98 min Scan# 660  
Delta R.T. -0.01 min  
Lab File: BM001205.D  
Acq: 05 May 2015 04:00

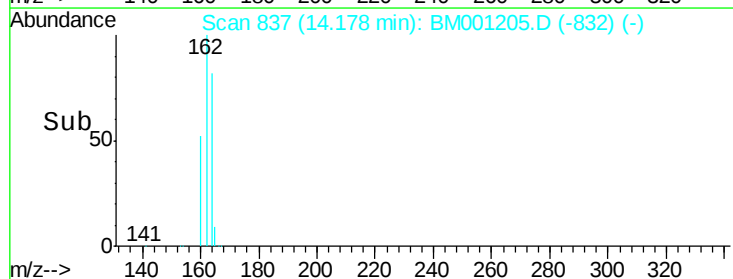
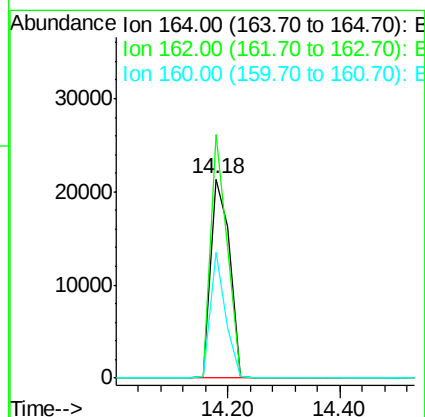
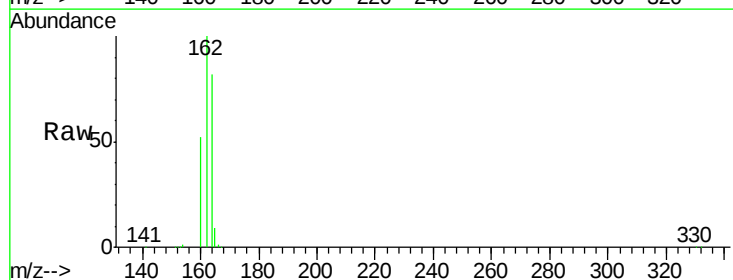
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

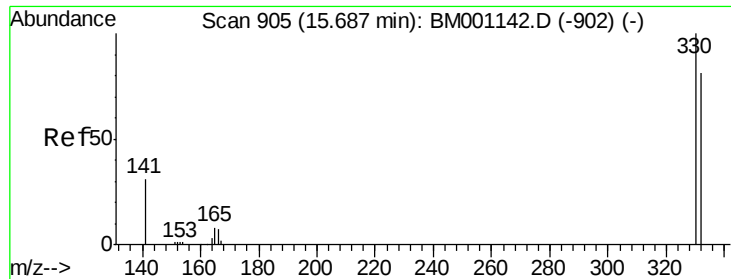
Tgt Ion:142 Resp: 13321  
Ion Ratio Lower Upper  
142 100  
141 88.2 65.1 97.7  
115 35.7 25.1 37.7



#12  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 14.18 min Scan# 837  
Delta R.T. -0.02 min  
Lab File: BM001205.D  
Acq: 05 May 2015 04:00

Tgt Ion:164 Resp: 50333  
Ion Ratio Lower Upper  
164 100  
162 122.3 72.7 109.1#  
160 63.2 28.7 43.1#

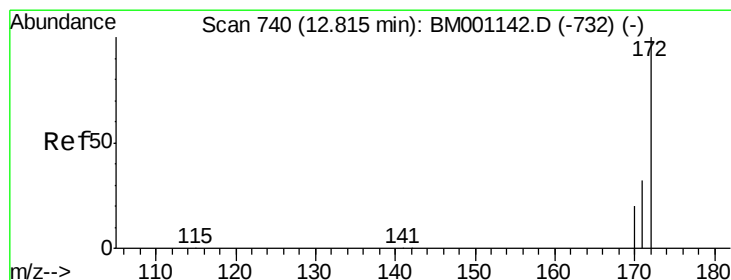
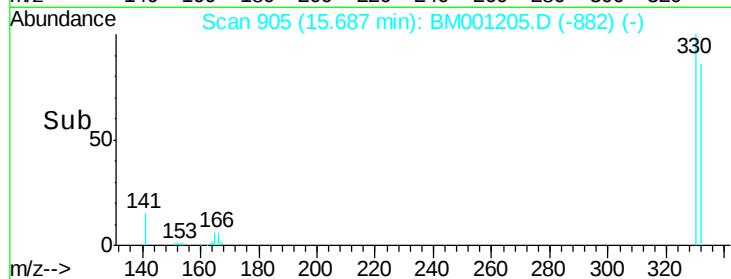
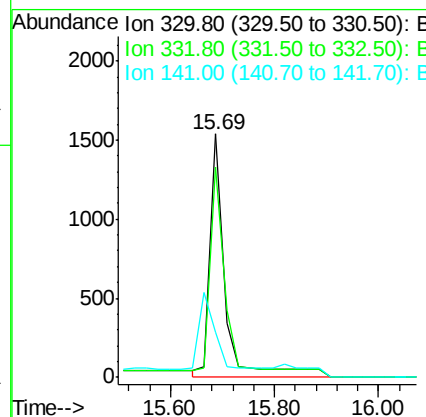
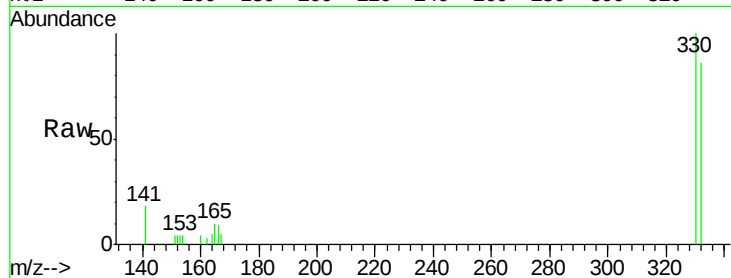




#13  
 2,4,6-Tribromophenol  
 Concen: 1.41 ng  
 RT: 15.69 min Scan# 905  
 Delta R.T. 0.00 min  
 Lab File: BM001205.D  
 Acq: 05 May 2015 04:00

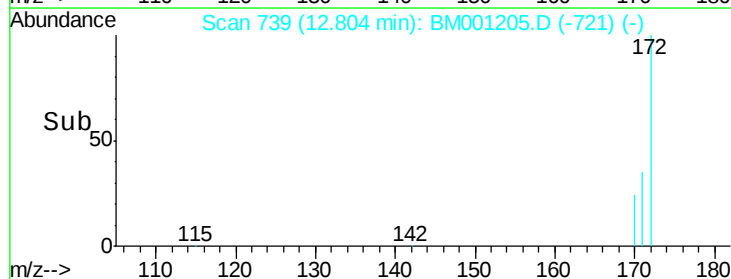
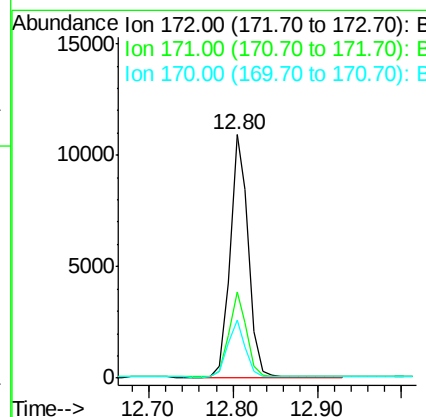
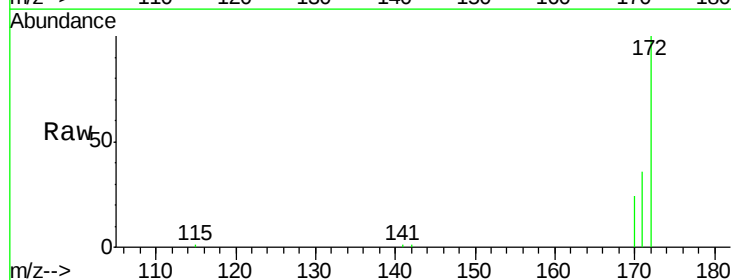
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

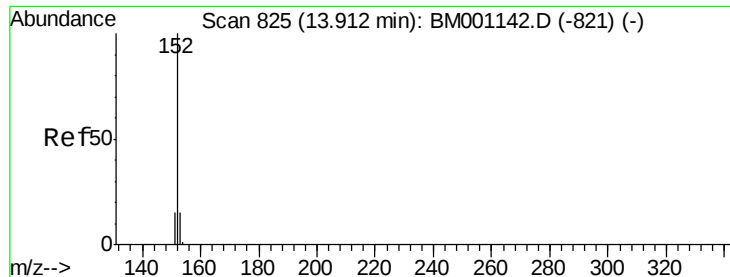
Tgt Ion:330 Resp: 3145  
 Ion Ratio Lower Upper  
 330 100  
 332 94.1 74.5 111.7  
 141 0.0 21.0 31.4#



#14  
 2-Fluorobiphenyl  
 Concen: 1.00 ng  
 RT: 12.80 min Scan# 739  
 Delta R.T. -0.01 min  
 Lab File: BM001205.D  
 Acq: 05 May 2015 04:00

Tgt Ion:172 Resp: 16572  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 25.8 38.6  
 170 24.0 16.1 24.1





#15

Acenaphthylene

Concen: 1.08 ng

RT: 13.89 min Scan# 824

Delta R.T. -0.02 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

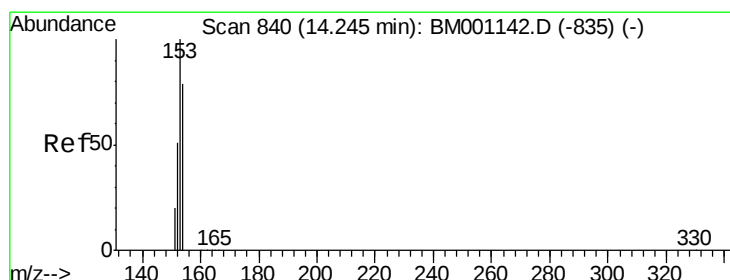
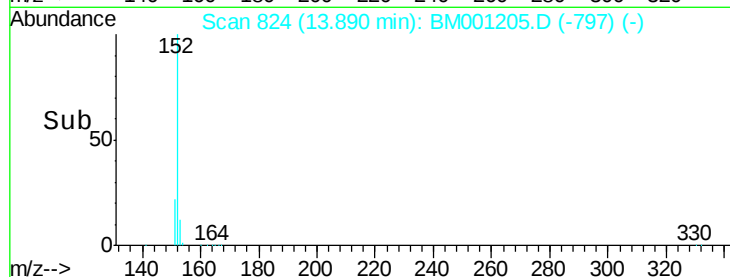
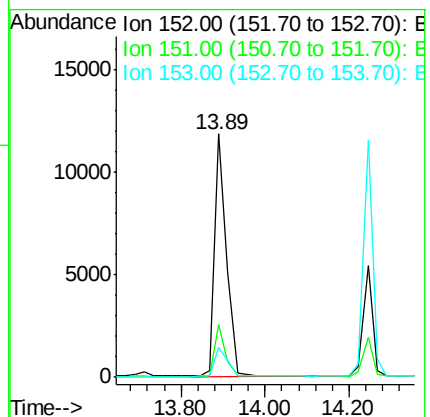
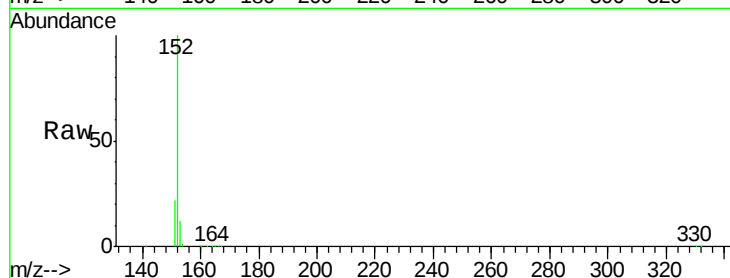
Tgt Ion:152 Resp: 23757

Ion Ratio Lower Upper

152 100

151 19.1 0.0 0.0#

153 12.7 10.3 15.5



#16

Acenaphthene

Concen: 1.06 ng

RT: 14.24 min Scan# 840

Delta R.T. -0.00 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

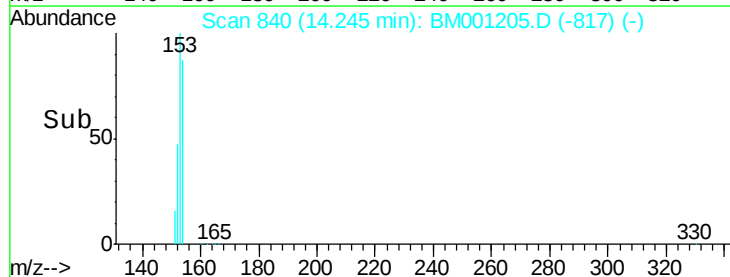
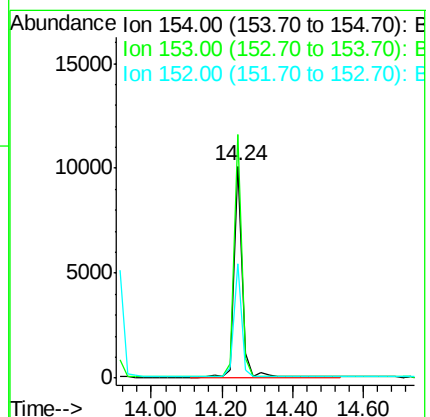
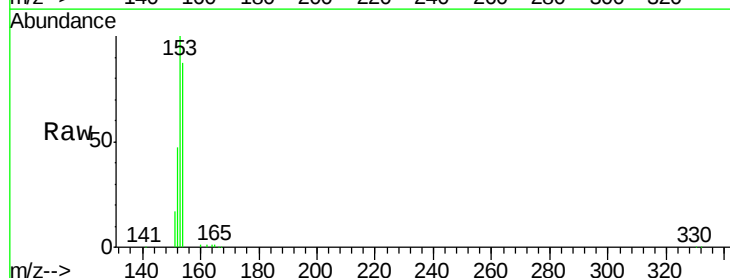
Tgt Ion:154 Resp: 16110

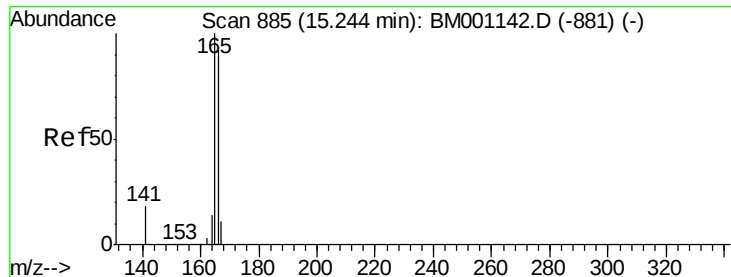
Ion Ratio Lower Upper

154 100

153 108.3 90.6 136.0

152 51.4 45.0 67.4

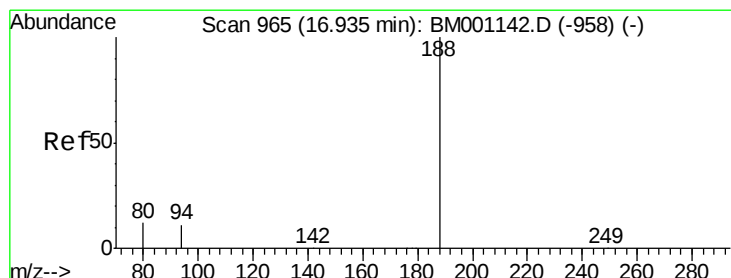
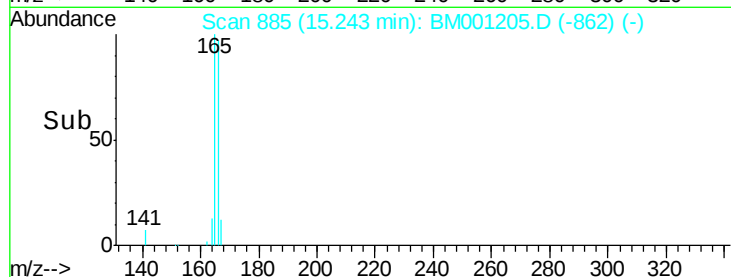
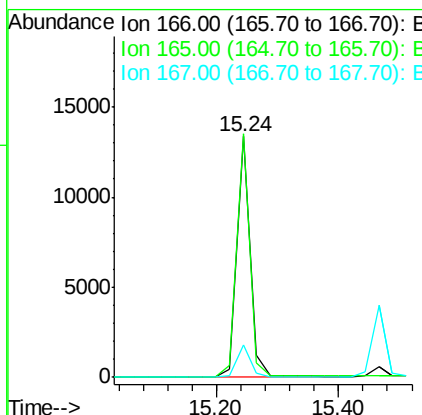
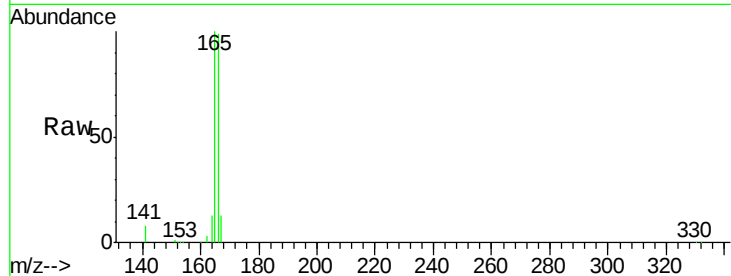




#17  
**Fluorene**  
 Concen: 1.13 ng  
 RT: 15.24 min Scan# 885  
 Delta R.T. -0.00 min  
 Lab File: BM001205.D  
 Acq: 05 May 2015 04:00

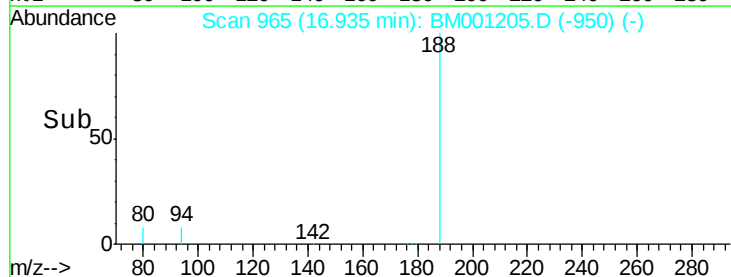
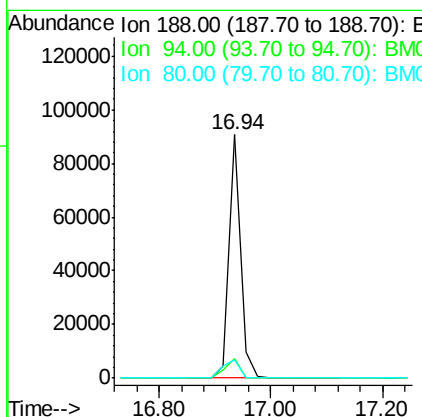
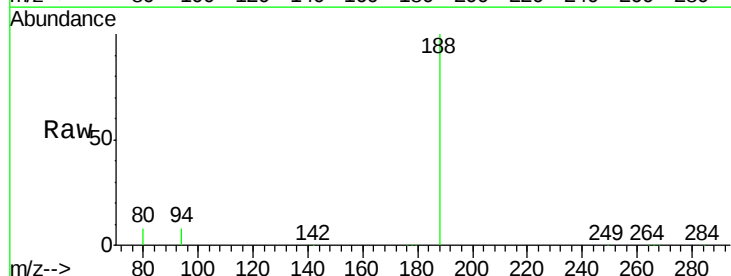
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

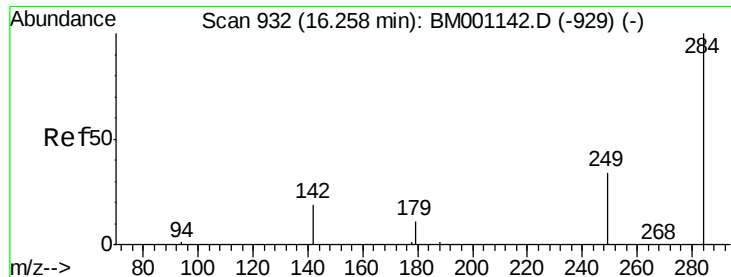
Tgt Ion:166 Resp: 19921  
 Ion Ratio Lower Upper  
 166 100  
 165 99.8 81.0 121.6  
 167 13.3 10.4 15.6



#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 16.94 min Scan# 965  
 Delta R.T. -0.00 min  
 Lab File: BM001205.D  
 Acq: 05 May 2015 04:00

Tgt Ion:188 Resp: 130621  
 Ion Ratio Lower Upper  
 188 100  
 94 7.9 9.3 13.9#  
 80 7.7 9.8 14.6#

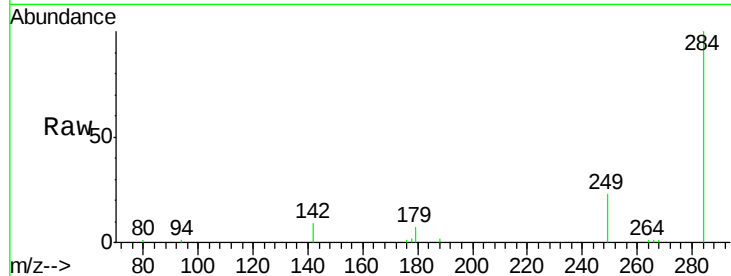




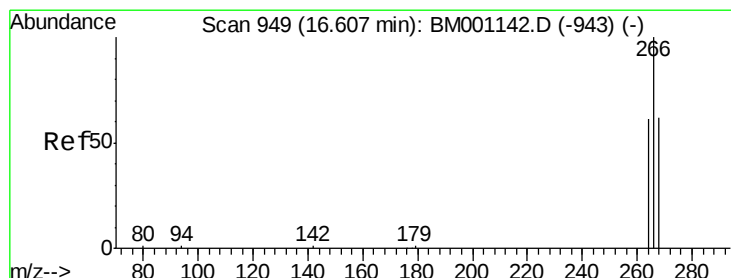
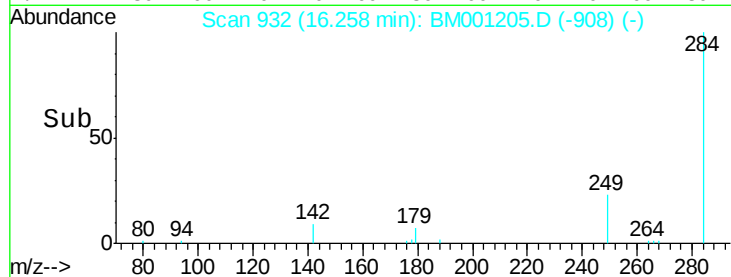
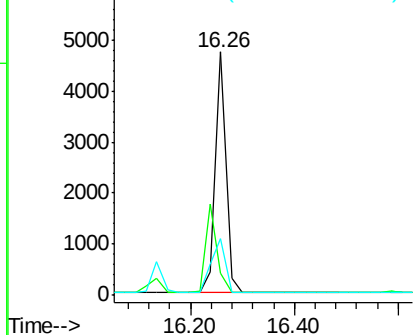
#19  
Hexachlorobenzene  
Concen: 0.95 ng  
RT: 16.26 min Scan# 932  
Delta R.T. -0.00 min  
Lab File: BM001205.D  
Acq: 05 May 2015 04:00

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

Tgt Ion: 284 Resp: 6704  
Ion Ratio Lower Upper  
284 100  
142 0.0 0.0 0.0  
249 30.0 26.5 39.7

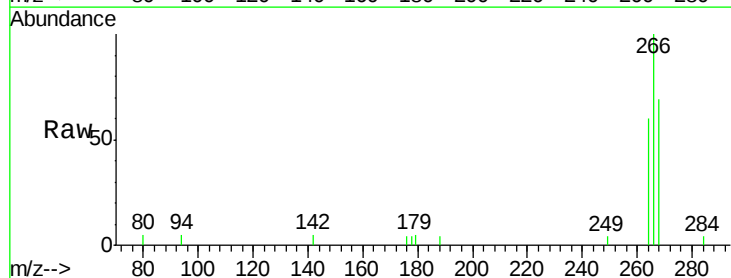


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

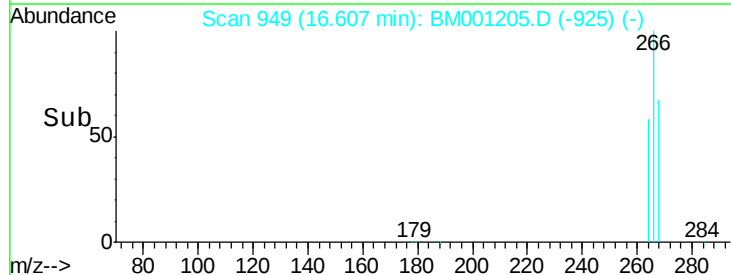
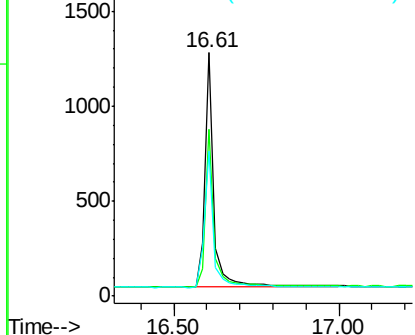


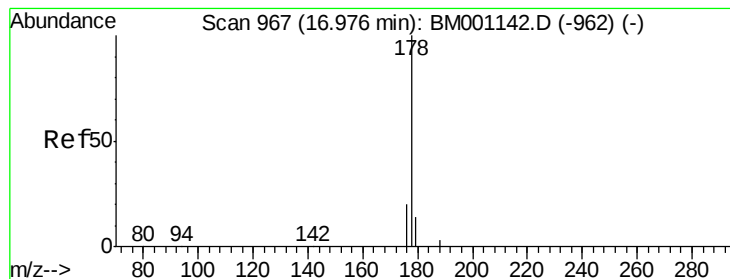
#20  
Pentachlorophenol  
Concen: 1.13 ng  
RT: 16.61 min Scan# 949  
Delta R.T. 0.00 min  
Lab File: BM001205.D  
Acq: 05 May 2015 04:00

Tgt Ion: 266 Resp: 2420  
Ion Ratio Lower Upper  
266 100  
268 68.6 52.6 79.0  
264 59.8 51.0 76.4



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





#21

Phenanthrene

Concen: 0.98 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.00 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

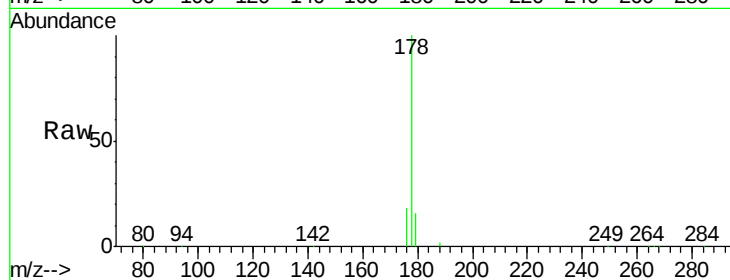
Tgt Ion:178 Resp: 32916

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

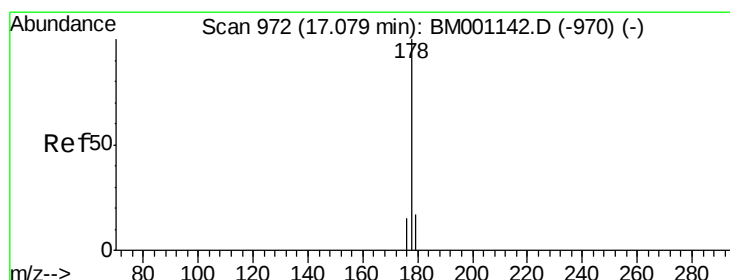
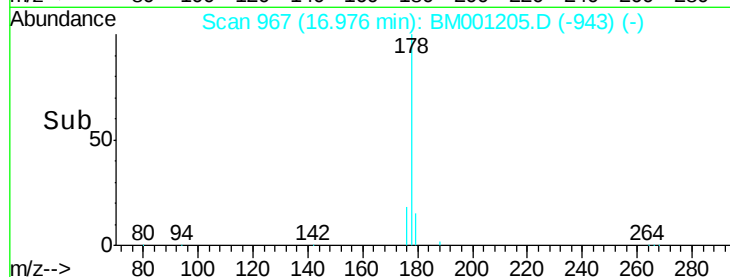
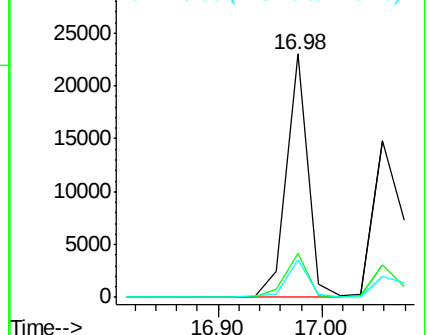
179 15.5 12.0 18.0



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



#22

Anthracene

Concen: 1.03 ng

RT: 17.06 min Scan# 971

Delta R.T. -0.02 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

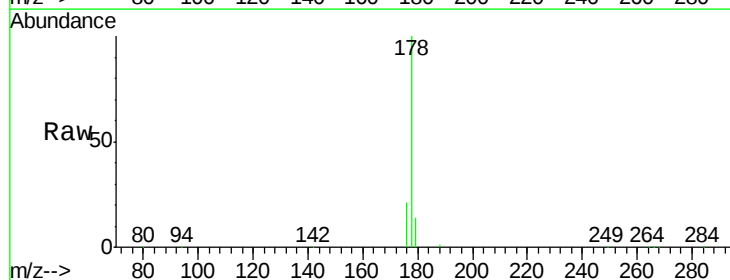
Tgt Ion:178 Resp: 28634

Ion Ratio Lower Upper

178 100

176 18.5 14.3 21.5

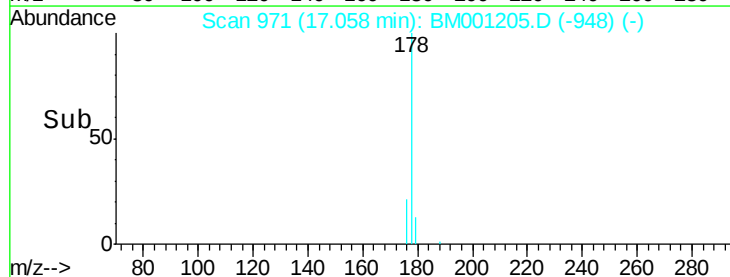
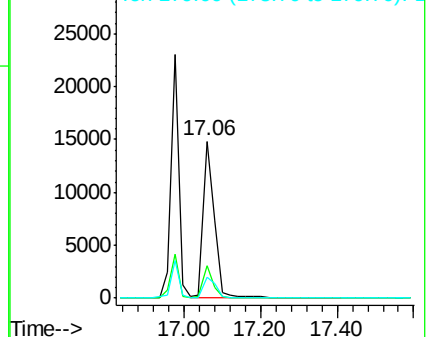
179 15.0 12.2 18.2

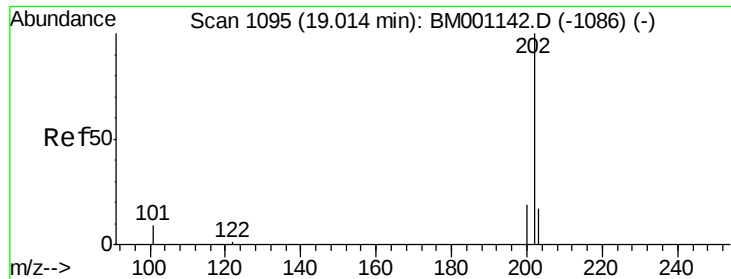


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 1.02 ng

RT: 19.00 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

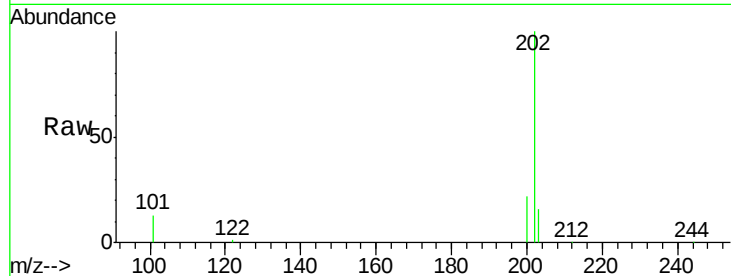
Tgt Ion:202 Resp: 34824

Ion Ratio Lower Upper

202 100

101 11.5 9.3 13.9

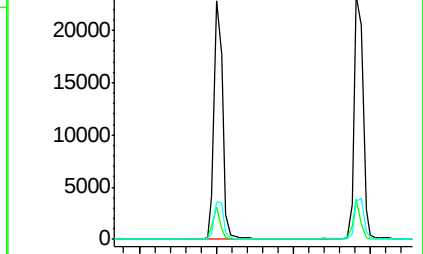
203 17.2 13.7 20.5



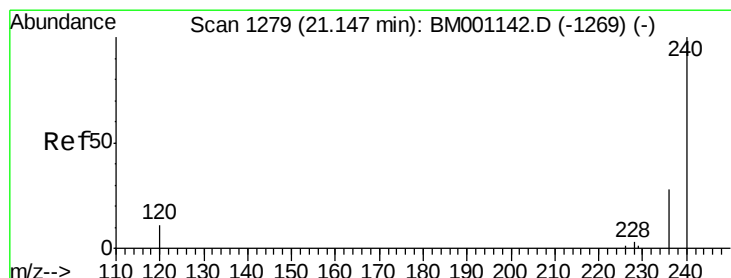
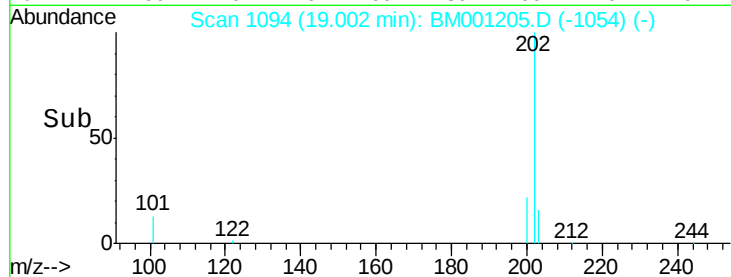
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.15 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

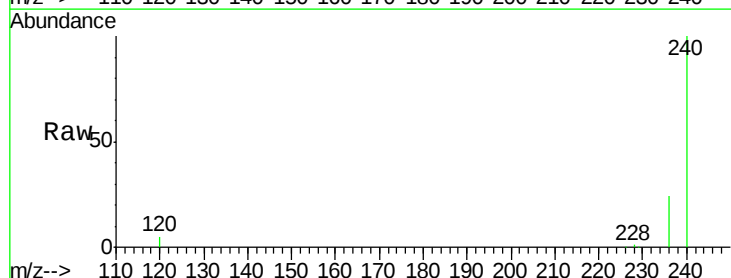
Tgt Ion:240 Resp: 112097

Ion Ratio Lower Upper

240 100

120 5.2 9.2 13.8#

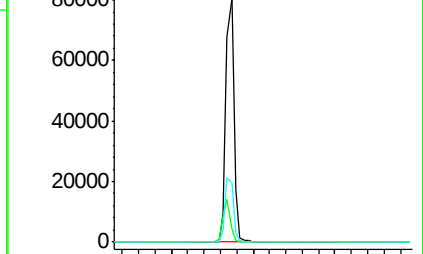
236 24.5 22.4 33.6



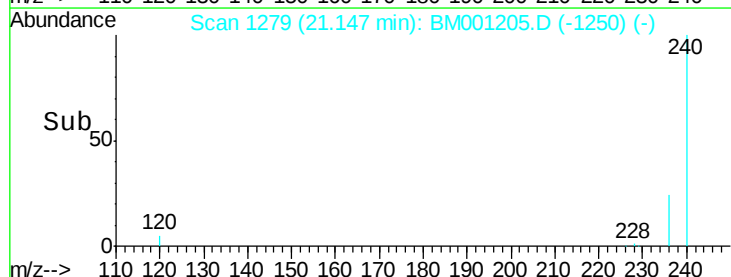
Abundance Ion 240.00 (239.70 to 240.70): E

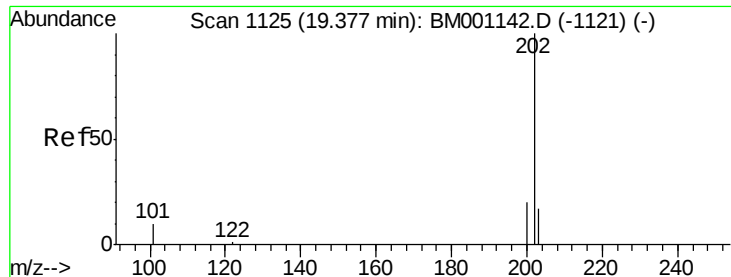
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

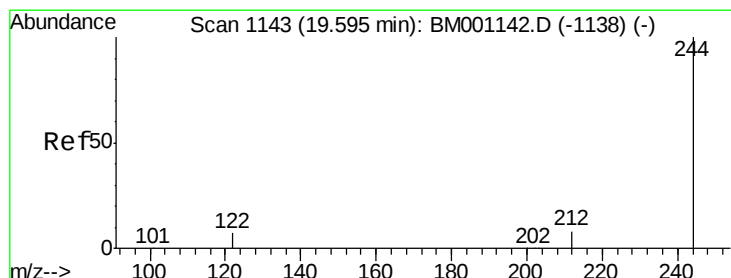
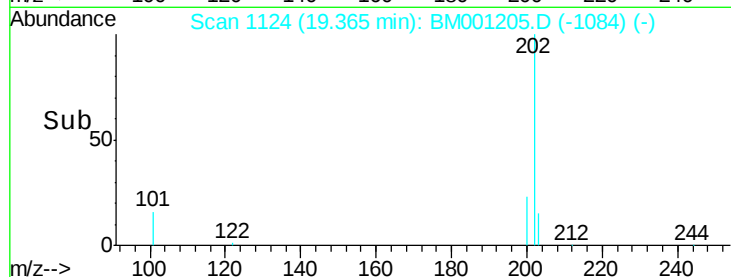
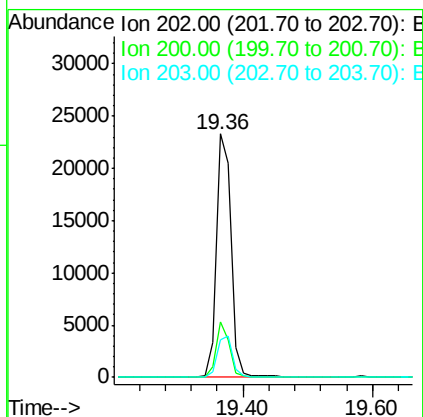
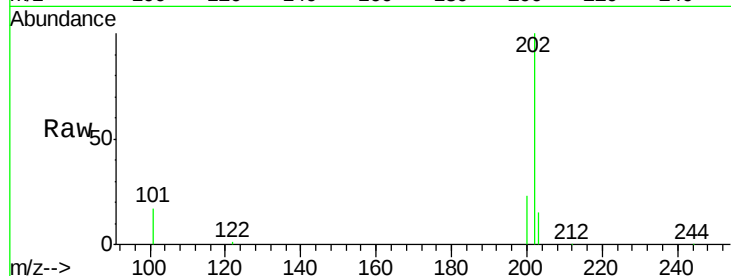




#25  
 Pyrene  
 Concen: 1.05 ng  
 RT: 19.36 min Scan# 1124  
 Delta R.T. -0.01 min  
 Lab File: BM001205.D  
 Acq: 05 May 2015 04:00

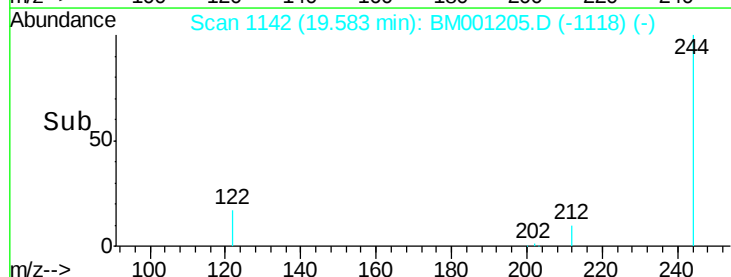
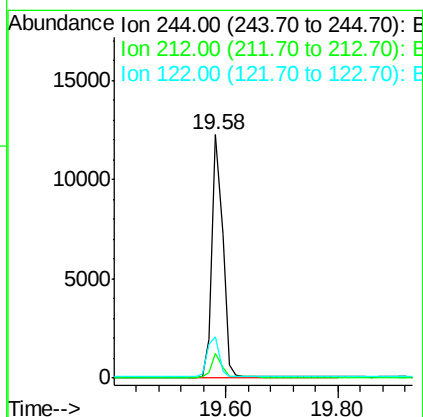
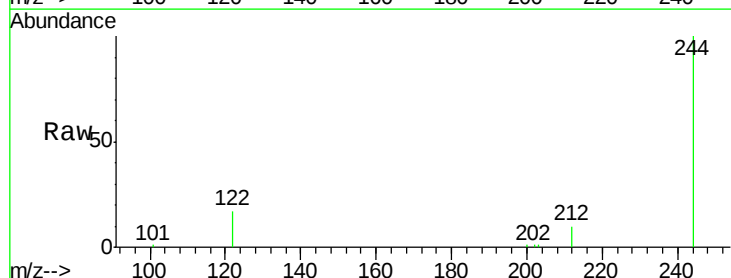
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

Tgt Ion: 202 Resp: 36766  
 Ion Ratio Lower Upper  
 202 100  
 200 20.4 16.4 24.6  
 203 17.3 13.8 20.6



#26  
 Terphenyl-d14  
 Concen: 1.05 ng  
 RT: 19.58 min Scan# 1142  
 Delta R.T. -0.01 min  
 Lab File: BM001205.D  
 Acq: 05 May 2015 04:00

Tgt Ion: 244 Resp: 16264  
 Ion Ratio Lower Upper  
 244 100  
 212 10.1 7.1 10.7  
 122 17.1 6.2 9.4#





#27

Benzo(a)anthracene

Concen: 1.05 ng

RT: 21.13 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

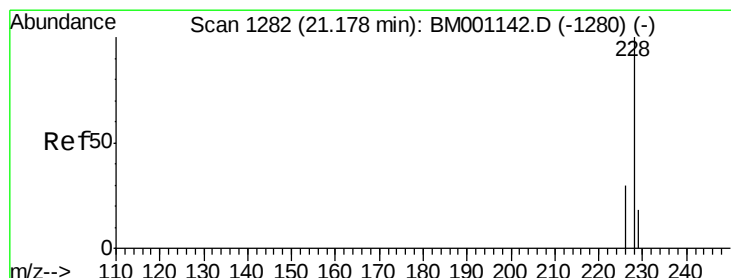
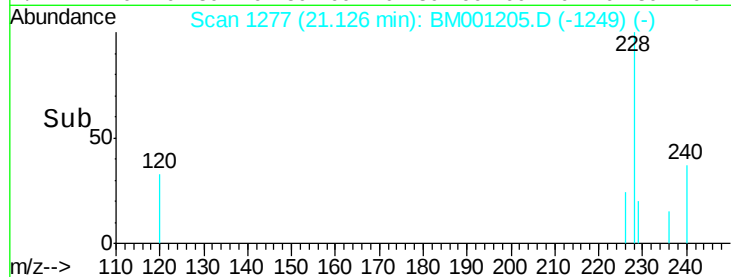
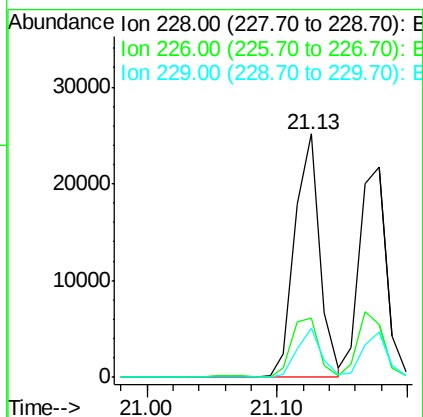
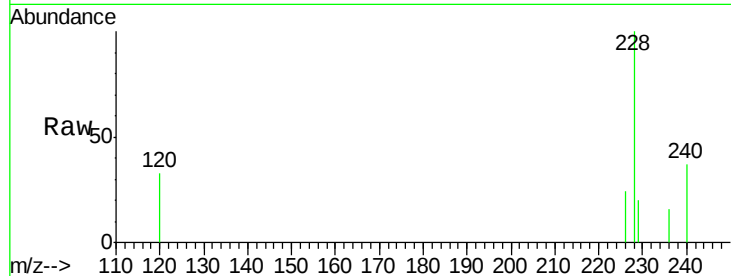
Tgt Ion:228 Resp: 33028

Ion Ratio Lower Upper

228 100

226 24.2 22.8 34.2

229 20.1 14.4 21.6



#28

Chrysene

Concen: 1.02 ng

RT: 21.18 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

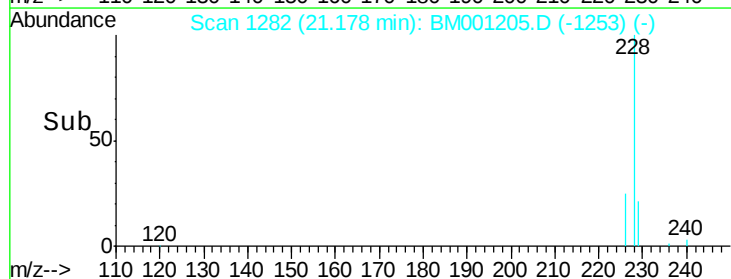
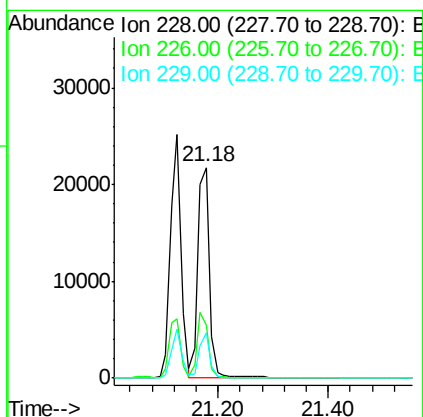
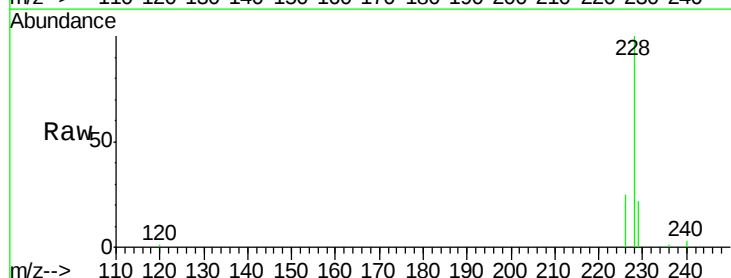
Tgt Ion:228 Resp: 31539

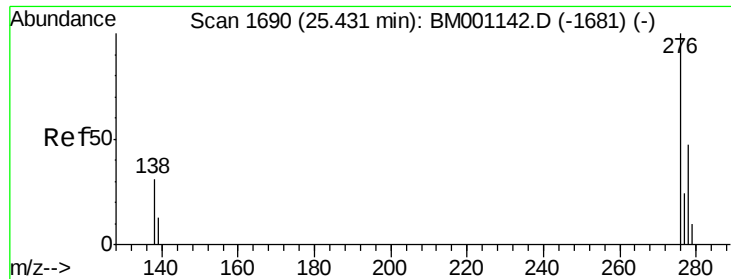
Ion Ratio Lower Upper

228 100

226 25.2 24.4 36.6

229 21.7 14.3 21.5#





#29

Indeno(1,2,3-cd)pyrene

Concen: 0.89 ng

RT: 25.42 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

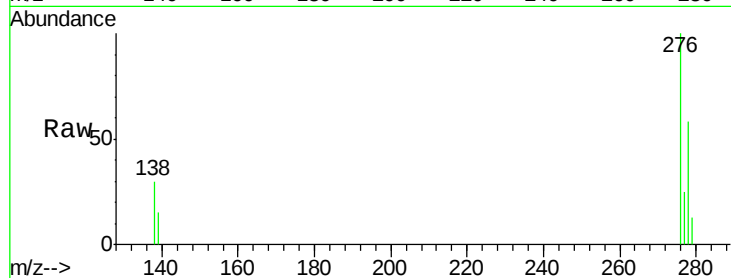
Tgt Ion: 276 Resp: 25188

Ion Ratio Lower Upper

276 100

138 30.7 24.2 36.4

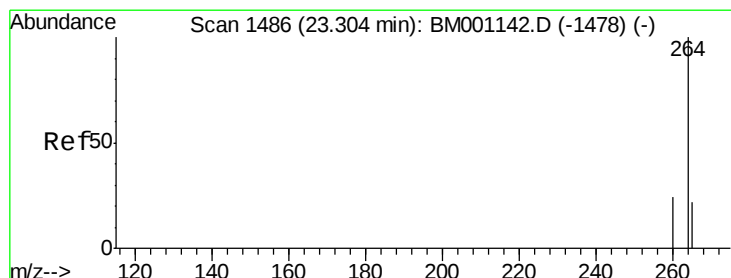
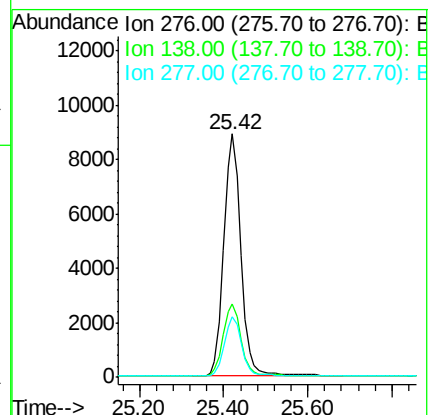
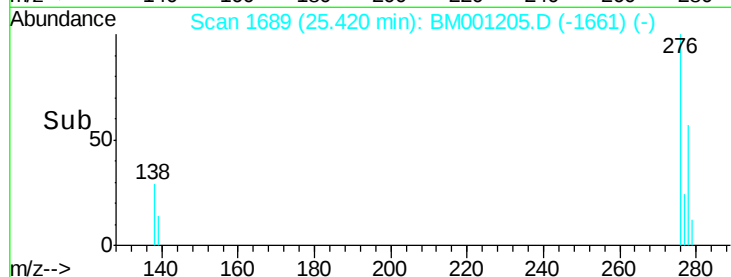
277 24.5 19.8 29.6



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.29 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

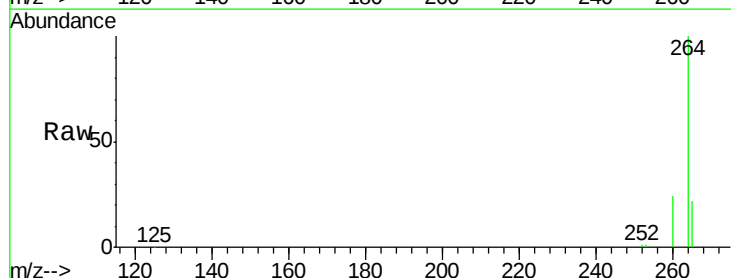
Tgt Ion: 264 Resp: 90314

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

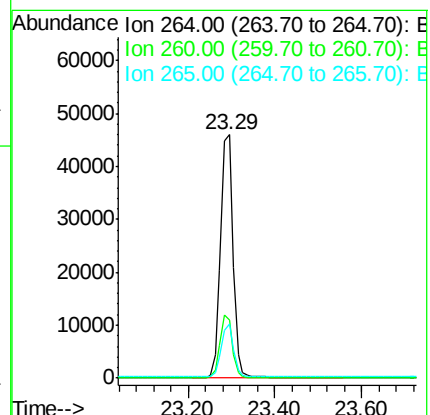
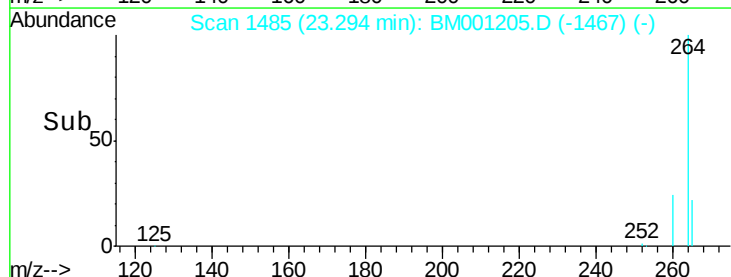
265 22.5 18.1 27.1

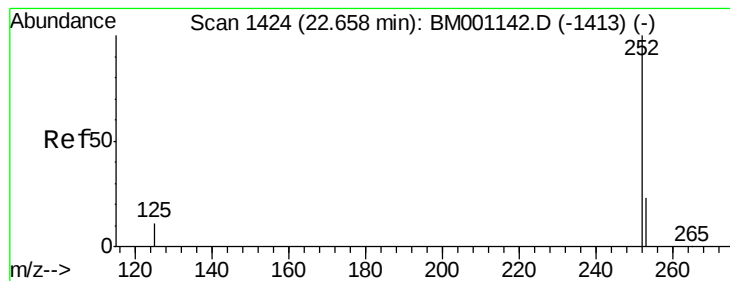


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 1.10 ng

RT: 22.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

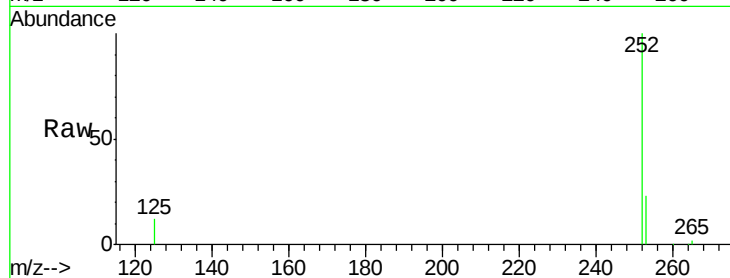
Tgt Ion:252 Resp: 30718

Ion Ratio Lower Upper

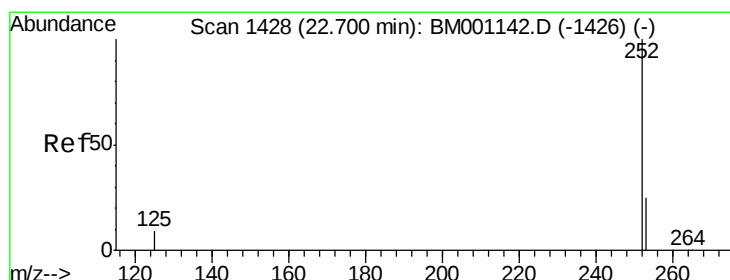
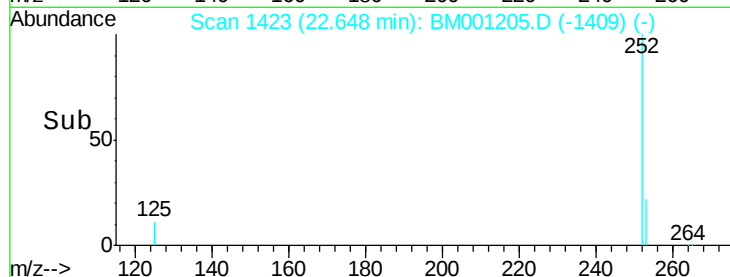
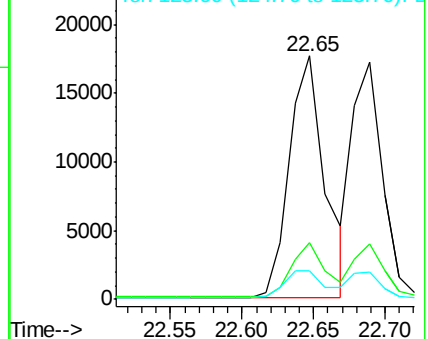
252 100

253 23.2 19.0 28.4

125 11.7 9.1 13.7



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



#32

Benzo(k)fluoranthene

Concen: 1.00 ng

RT: 22.69 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

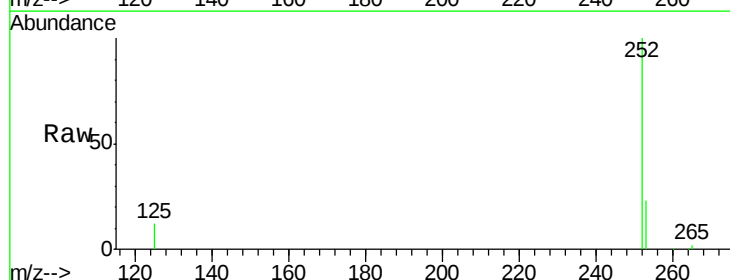
Tgt Ion:252 Resp: 26113

Ion Ratio Lower Upper

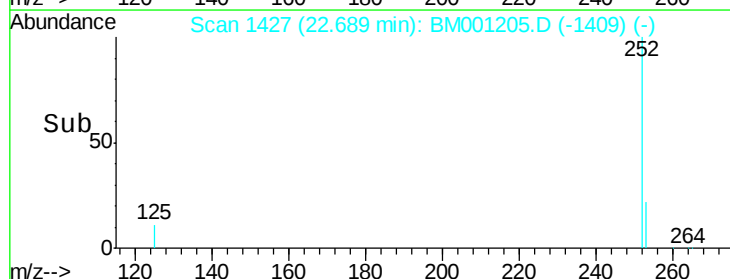
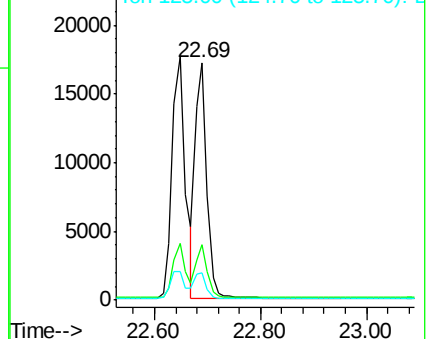
252 100

253 23.2 19.1 28.7

125 11.7 9.3 13.9



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





#33

Benzo(a)pyrene

Concen: 1.06 ng

RT: 23.19 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC

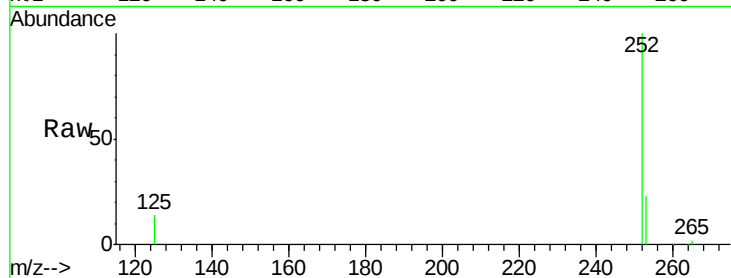
Tgt Ion:252 Resp: 24835

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

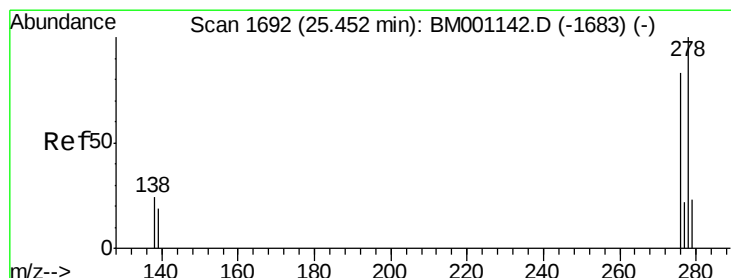
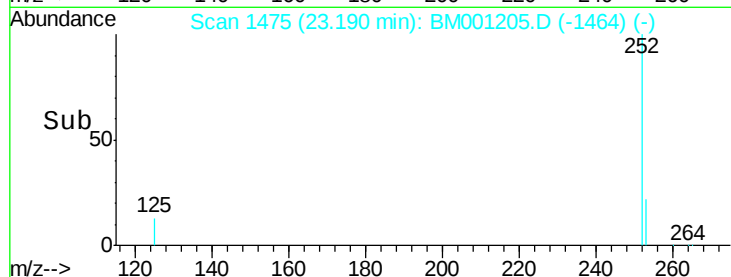
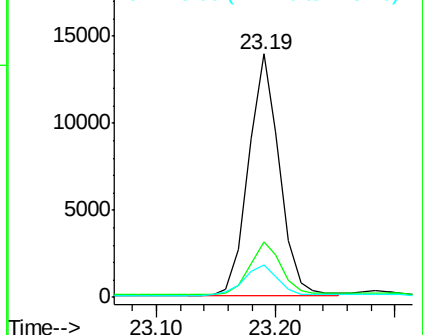
125 13.5 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Dibenzo(a,h)anthracene

Concen: 0.96 ng

RT: 25.43 min Scan# 1690

Delta R.T. -0.02 min

Lab File: BM001205.D

Acq: 05 May 2015 04:00

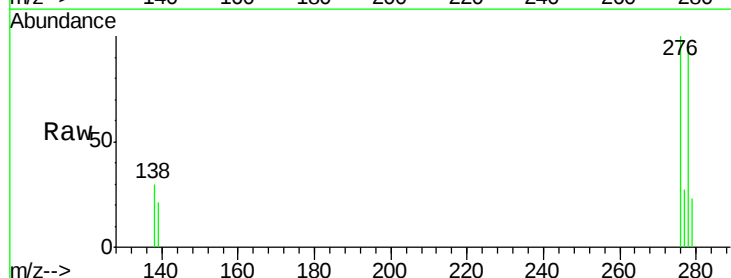
Tgt Ion:278 Resp: 19759

Ion Ratio Lower Upper

278 100

139 21.7 15.5 23.3

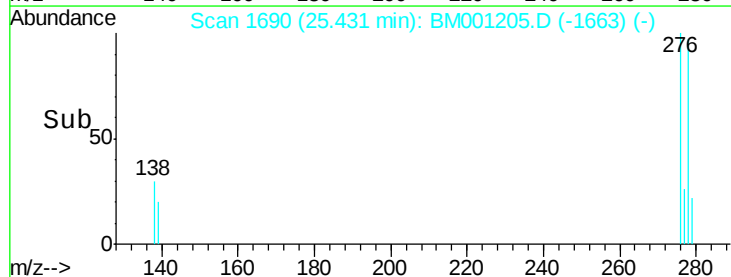
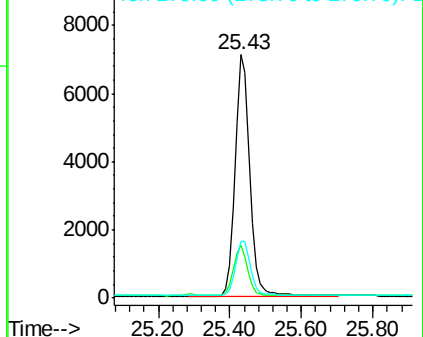
279 23.4 19.7 29.5



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





#35

Benzo(g,h,i)perylene

Concen: 0.93 ng

RT: 26.08 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BM001205.D

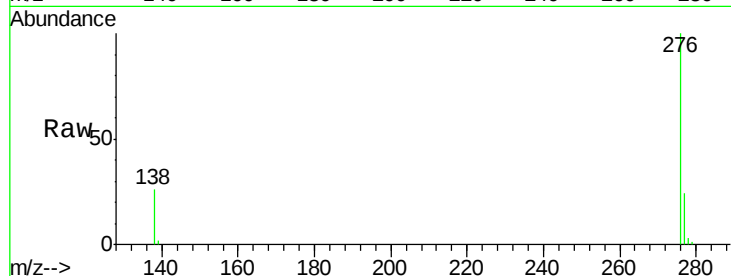
Acq: 05 May 2015 04:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 20241

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 25.8 21.3 31.9

