

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM050115\  
 Data File : BM001145.D  
 Acq On : 01 May 2015 23:44  
 Operator : TP/IZ  
 Sample : SSTDICC0.2  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.2

Quant Time: May 02 01:49:02 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIMPAH-BM050115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 02 01:33:50 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.53  | 152  | 15428    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.31 | 136  | 59439    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.20 | 164  | 33528    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 16.94 | 188  | 83145    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12          | 21.15 | 240  | 74303    | 5.00 | ng    | 0.00     |
| 30) Perylene-d12          | 23.29 | 264  | 65480    | 5.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.13  | 112  | 585      | 0.18 | ng/uL | 0.00     |
| 5) Phenol-d6                | 6.72  | 99   | 693      | 0.16 | ng/uL | 0.02     |
| 7) Nitrobenzene-d5          | 8.60  | 82   | 91       | 0.03 | ng    | -0.09    |
| 13) 2,4,6-Tribromophenol    | 15.69 | 330  | 867      | 0.53 | ng/uL | 0.00     |
| 14) 2-Fluorobiphenyl        | 12.81 | 172  | 2230     | 0.20 | ng    | 0.00     |
| 26) Terphenyl-d14           | 19.59 | 244  | 1896     | 0.19 | ng    | 0.00     |

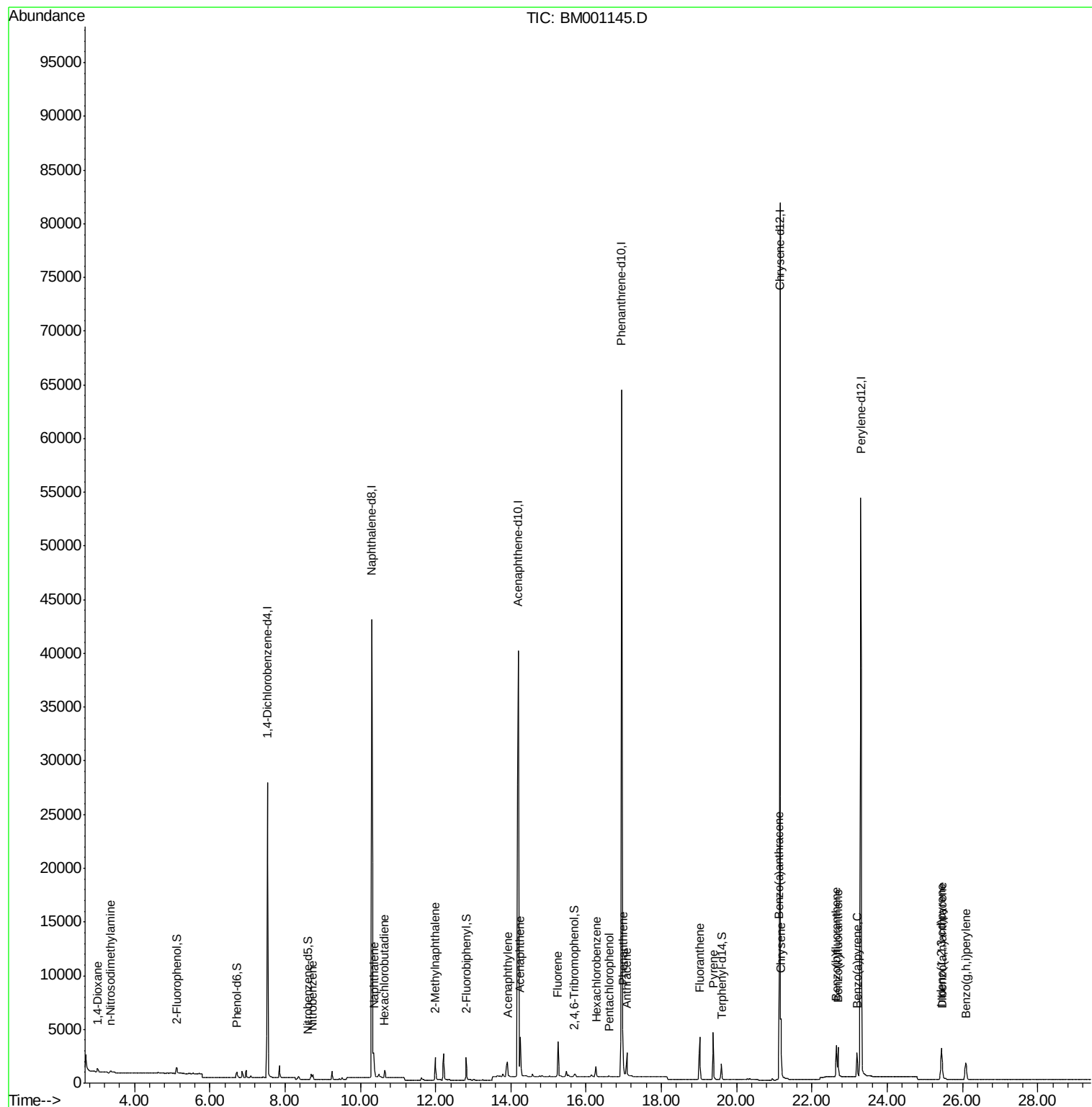
| Target Compounds           | R.T.  | QIon | Response | Conc | Units | Qvalue |
|----------------------------|-------|------|----------|------|-------|--------|
| 2) 1,4-Dioxane             | 3.03  | 88   | 590      | 0.35 | ng    | # 77   |
| 3) n-Nitrosodimethylamine  | 3.37  | 42   | 378      | 0.21 | ng    | # 93   |
| 8) Nitrobenzene            | 8.73  | 77   | 569      | 0.12 | ng/uL | # 93   |
| 9) Naphthalene             | 10.36 | 128  | 2642     | 0.19 | ng    | 95     |
| 10) Hexachlorobutadiene    | 10.65 | 225  | 522      | 0.20 | ng/uL | 99     |
| 11) 2-Methylnaphthalene    | 11.99 | 142  | 1748     | 0.19 | ng    | # 92   |
| 15) Acenaphthylene         | 13.91 | 152  | 2884     | 0.19 | ng    | # 96   |
| 16) Acenaphthene           | 14.24 | 154  | 2071     | 0.20 | ng    | 95     |
| 17) Fluorene               | 15.24 | 166  | 2243     | 0.19 | ng    | 98     |
| 19) Hexachlorobenzene      | 16.26 | 284  | 862      | 0.19 | ng    | # 88   |
| 20) Pentachlorophenol      | 16.61 | 266  | 121      | 0.09 | ng    | # 76   |
| 21) Phenanthrene           | 16.98 | 178  | 4245     | 0.19 | ng    | 98     |
| 22) Anthracene             | 17.08 | 178  | 3321     | 0.17 | ng    | 100    |
| 23) Fluoranthene           | 19.01 | 202  | 4120     | 0.18 | ng    | 100    |
| 25) Pyrene                 | 19.38 | 202  | 4263     | 0.17 | ng    | 99     |
| 27) Benzo(a)anthracene     | 21.13 | 228  | 3968     | 0.18 | ng    | 97     |
| 28) Chrysene               | 21.18 | 228  | 4051     | 0.18 | ng    | 95     |
| 29) Indeno(1,2,3-cd)pyrene | 25.43 | 276  | 3732     | 0.17 | ng    | 100    |
| 31) Benzo(b)fluoranthene   | 22.65 | 252  | 3596     | 0.17 | ng    | # 94   |
| 32) Benzo(k)fluoranthene   | 22.69 | 252  | 3719     | 0.19 | ng    | # 94   |
| 33) Benzo(a)pyrene         | 23.20 | 252  | 3179     | 0.18 | ng    | # 89   |
| 34) Dibenzo(a,h)anthracene | 25.45 | 278  | 2898     | 0.17 | ng    | 92     |
| 35) Benzo(g,h,i)perylene   | 26.09 | 276  | 3139     | 0.17 | ng    | 93     |

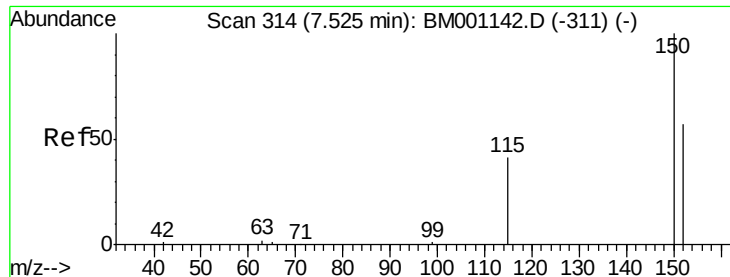
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 02 01:33:50 2015  
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.53 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.2

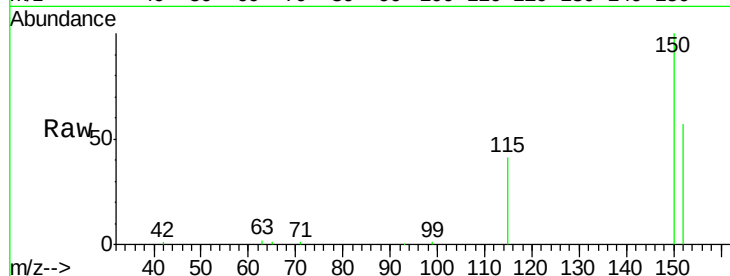
Tgt Ion: 152 Resp: 15428

Ion Ratio Lower Upper

152 100

150 174.2 140.1 210.1

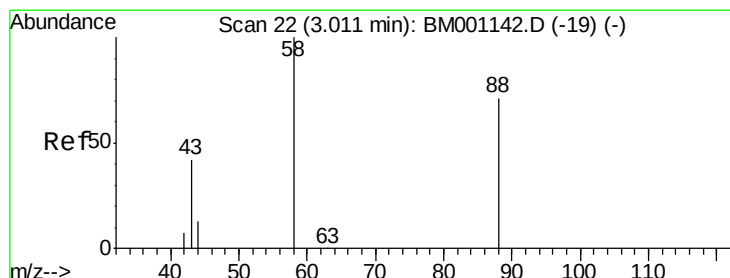
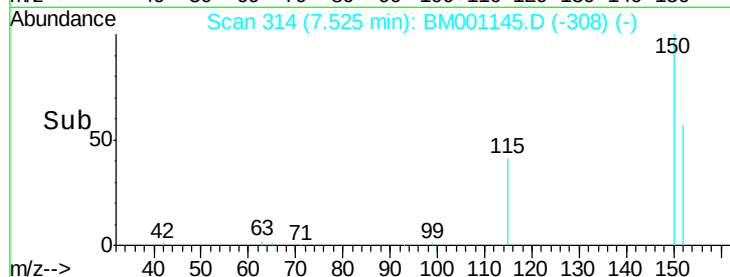
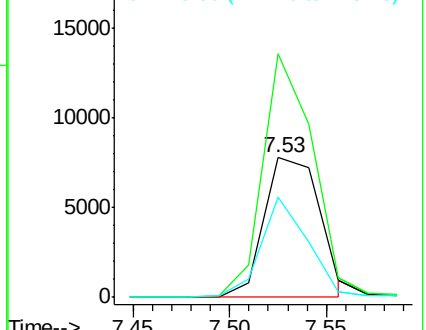
115 71.7 57.8 86.6



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: 0.35 ng

RT: 3.03 min Scan# 23

Delta R.T. 0.02 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

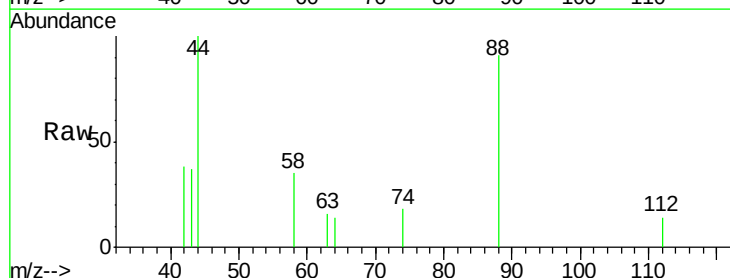
Tgt Ion: 88 Resp: 590

Ion Ratio Lower Upper

88 100

58 41.9 48.2 72.2#

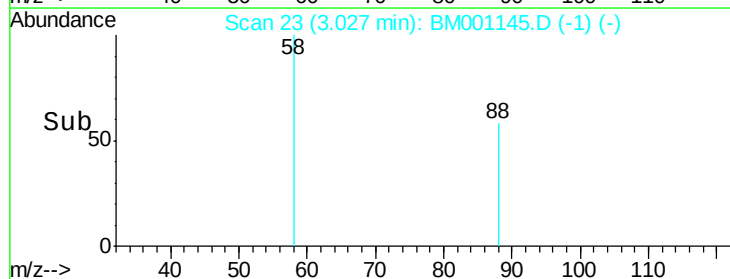
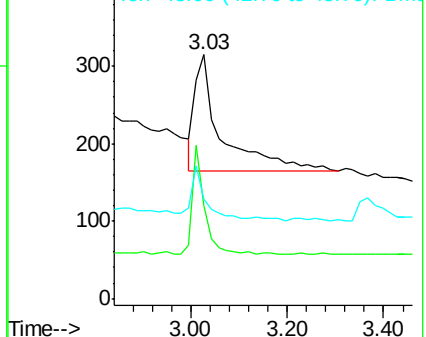
43 19.8 24.8 37.2#

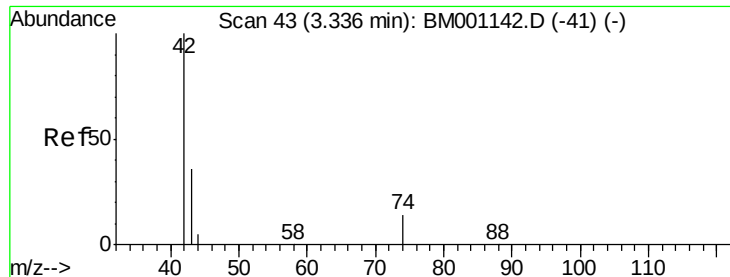


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.37 min Scan# 45

Delta R.T. 0.03 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.2

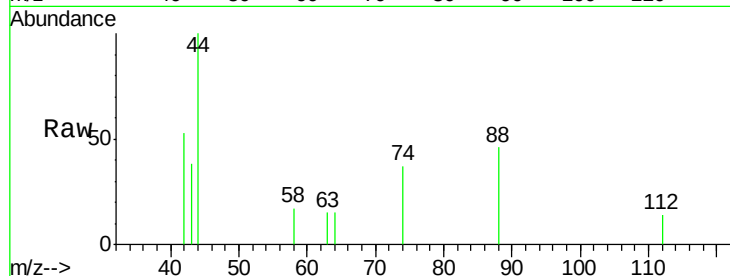
Tgt Ion: 42 Resp: 378

Ion Ratio Lower Upper

42 100

74 83.1 72.0 108.0

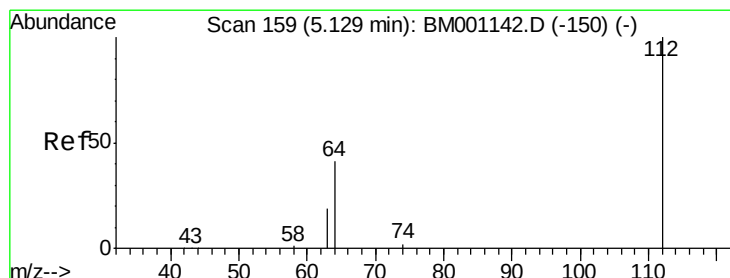
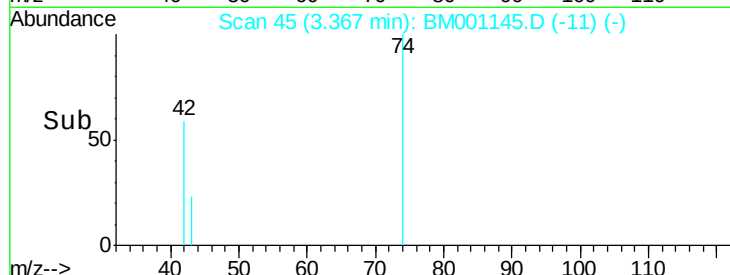
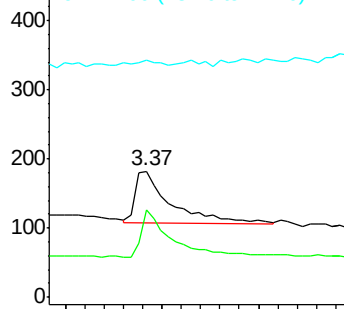
44 7.4 3.7 5.5#



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: 0.18 ng/uL

RT: 5.13 min Scan# 159

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

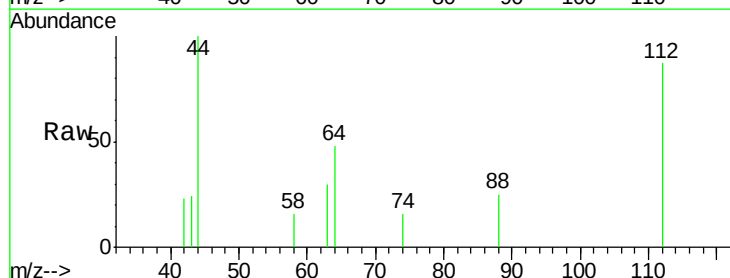
Tgt Ion: 112 Resp: 585

Ion Ratio Lower Upper

112 100

64 67.7 52.6 79.0

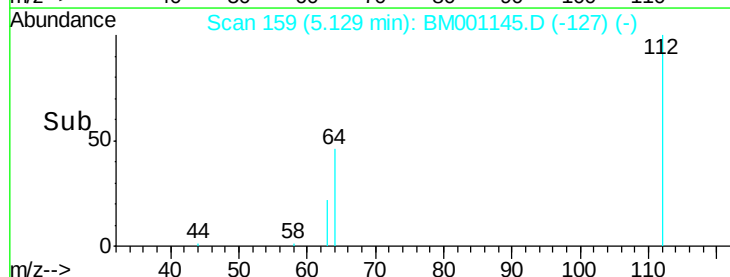
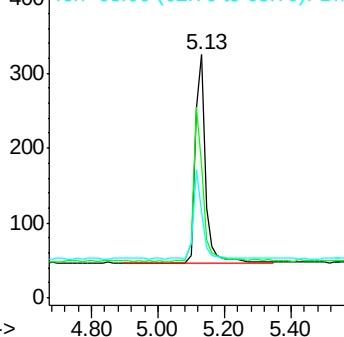
63 37.4 29.5 44.3

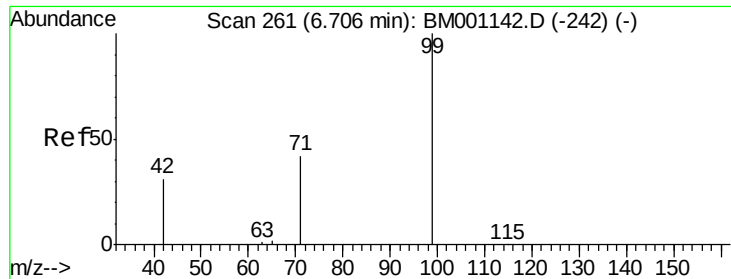


Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

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: 0.16 ng/uL

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDICC0.2

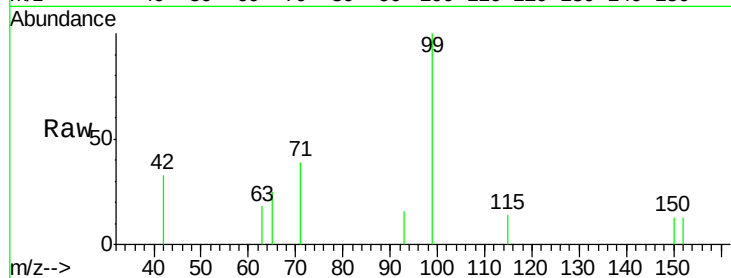
Tgt Ion: 99 Resp: 693

Ion Ratio Lower Upper

99 100

42 26.6 20.9 31.3

71 36.1 28.5 42.7



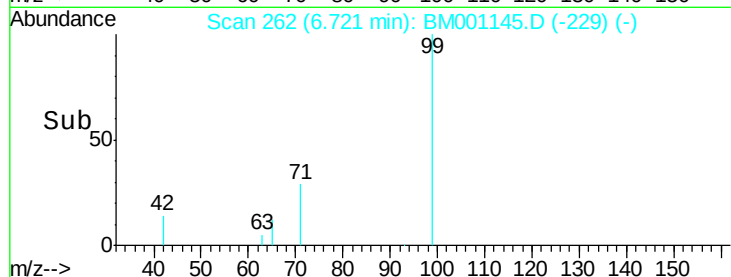
Abundance Ion 99.00 (98.70 to 99.70): BM001145.D (-229) (-)

Ion 42.00 (41.70 to 42.70): BM001145.D (-229) (-)

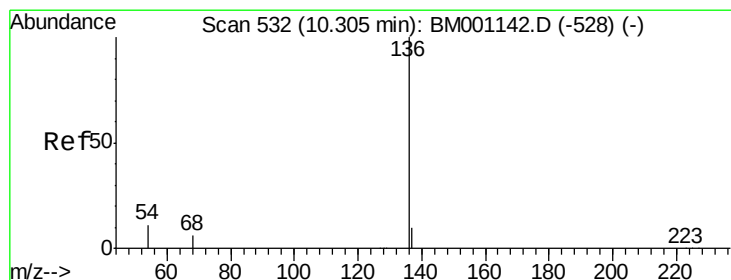
Ion 71.00 (70.70 to 71.70): BM001145.D (-229) (-)

Time-->

6.72



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

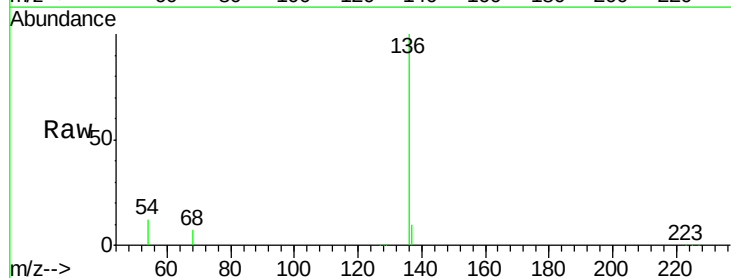
Tgt Ion: 136 Resp: 59439

Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 11.5 9.0 13.4



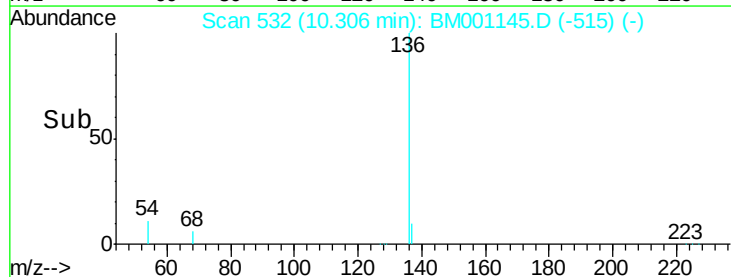
Abundance Ion 136.00 (135.70 to 136.70): BM001145.D (-515) (-)

Ion 137.00 (136.70 to 137.70): BM001145.D (-515) (-)

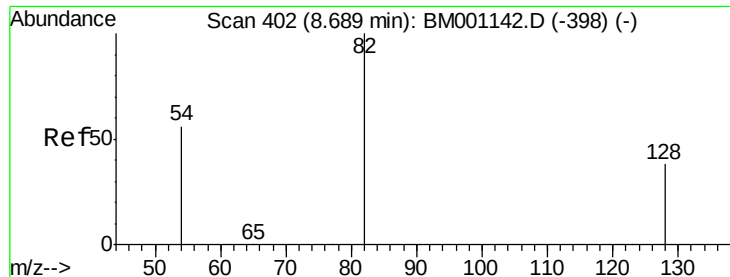
Ion 54.00 (53.70 to 54.70): BM001145.D (-515) (-)

Time-->

10.31



Time-->



#7

Nitrobenzene-d5

Concen: 0.03 ng

RT: 8.60 min Scan# 393

Delta R.T. -0.09 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.2

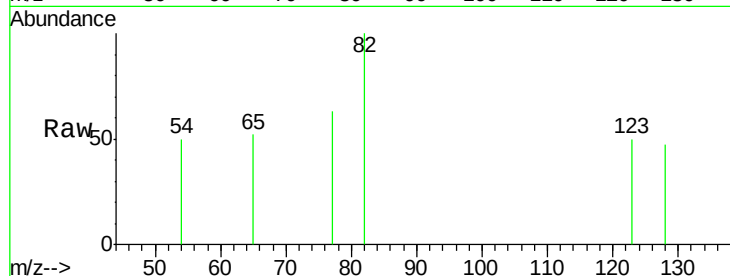
Tgt Ion: 82 Resp: 91

Ion Ratio Lower Upper

82 100

128 47.2 31.9 47.9

54 50.0 46.2 69.2

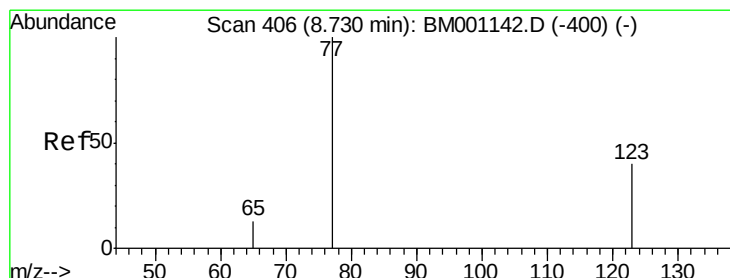
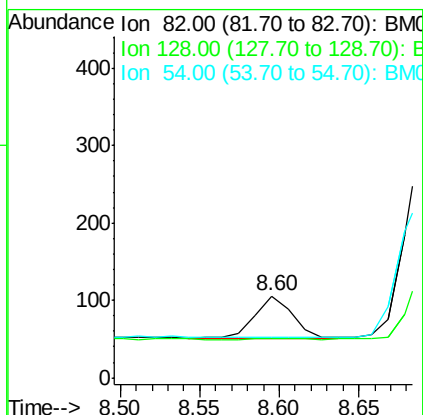
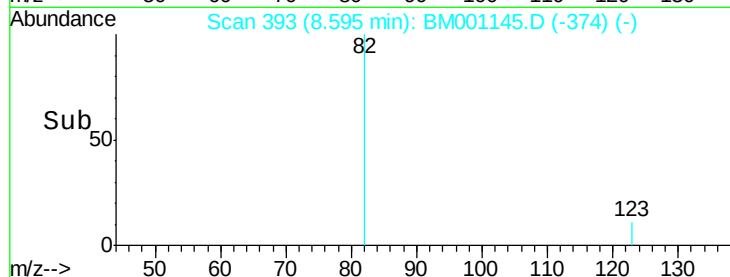


Abundance Ion 82.00 (81.70 to 82.70): BM001145.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001145.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001145.D (-398) (-)

Time-->



#8

Nitrobenzene

Concen: 0.12 ng/uL

RT: 8.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

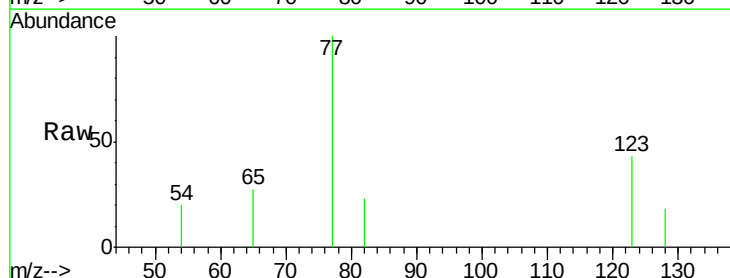
Tgt Ion: 77 Resp: 569

Ion Ratio Lower Upper

77 100

123 43.4 31.0 46.6

65 16.0 10.6 15.8#

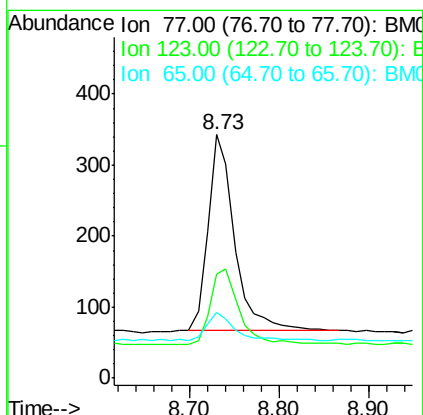
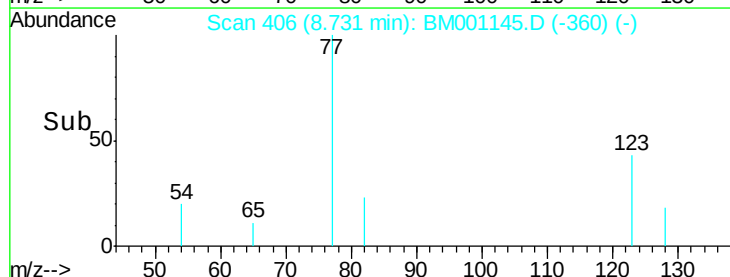


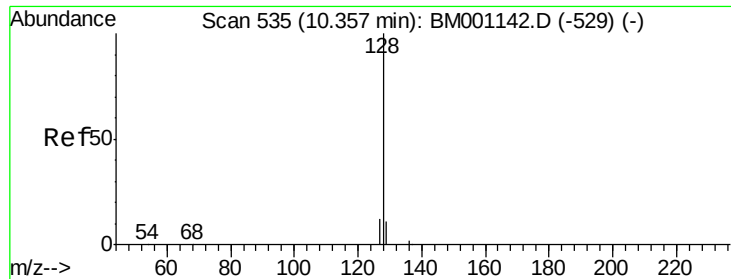
Abundance Ion 77.00 (76.70 to 77.70): BM001145.D (-400) (-)

Ion 123.00 (122.70 to 123.70): BM001145.D (-400) (-)

Ion 65.00 (64.70 to 65.70): BM001145.D (-400) (-)

Time-->





#9

Naphthalene

Concen: 0.19 ng

RT: 10.36 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.2

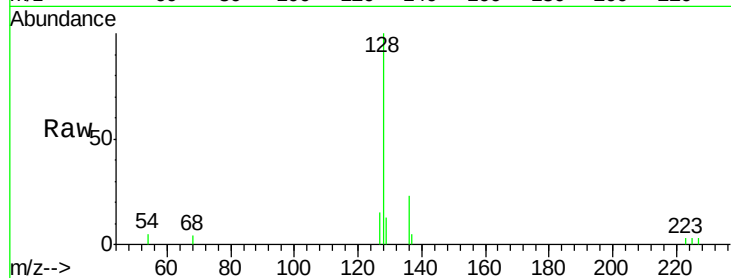
Tgt Ion:128 Resp: 2642

Ion Ratio Lower Upper

128 100

129 13.4 9.0 13.6

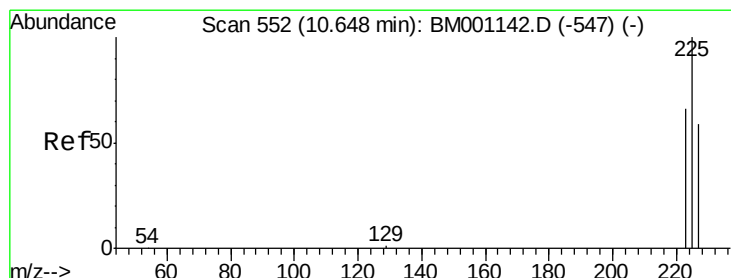
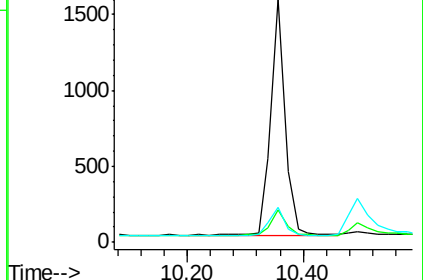
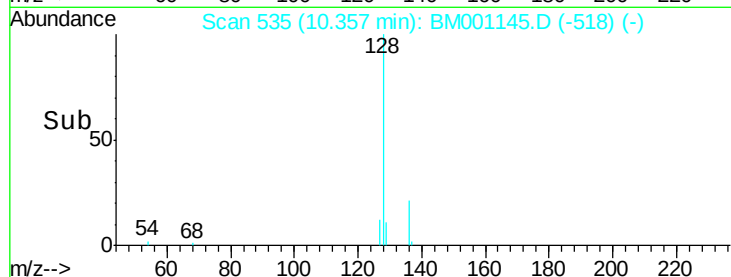
127 14.6 10.0 15.0



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: 0.20 ng/uL

RT: 10.65 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

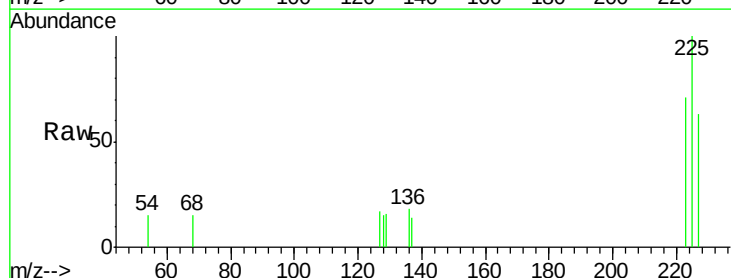
Tgt Ion:225 Resp: 522

Ion Ratio Lower Upper

225 100

223 62.6 50.8 76.2

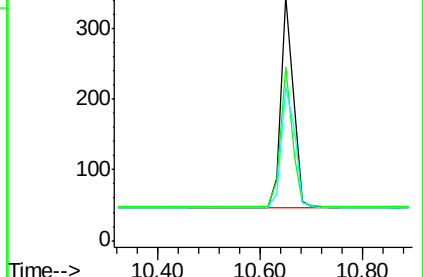
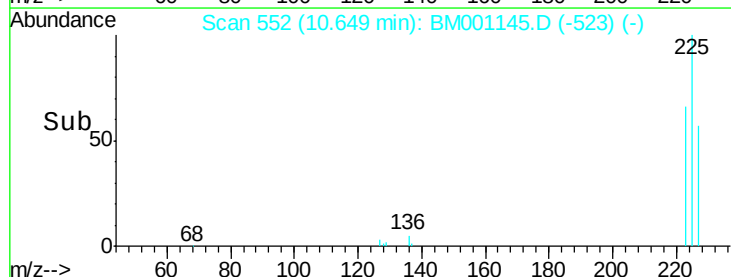
227 62.3 51.0 76.4

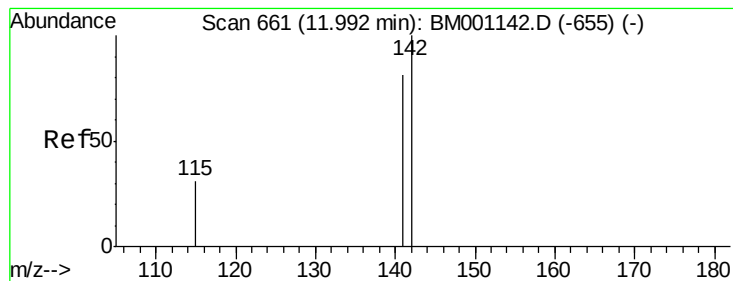


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.19 ng

RT: 11.99 min Scan# 661

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDICC0.2

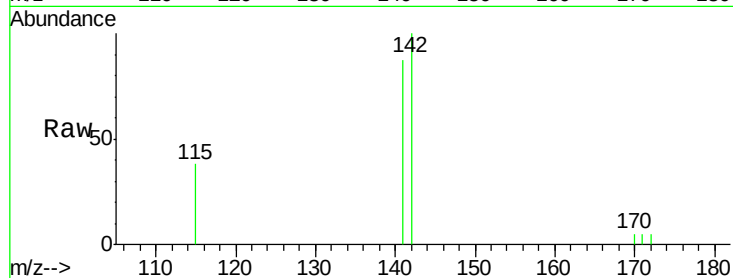
Tgt Ion:142 Resp: 1748

Ion Ratio Lower Upper

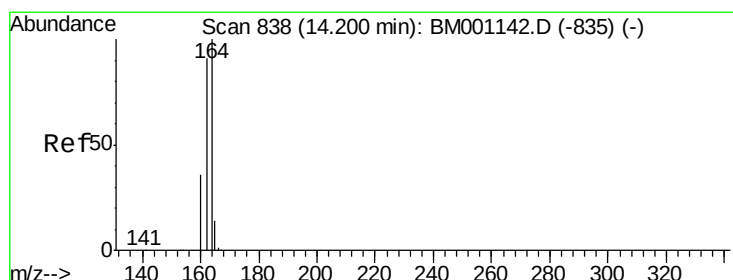
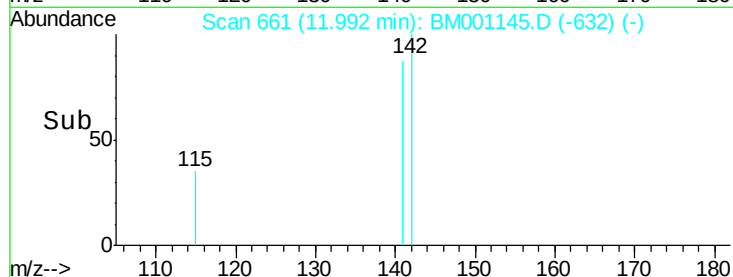
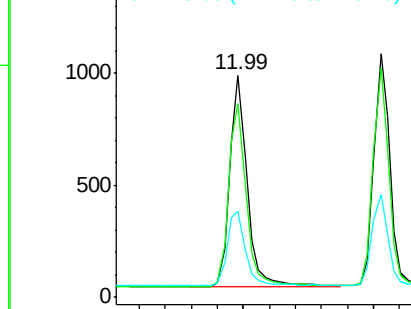
142 100

141 87.1 65.1 97.7

115 38.5 25.1 37.7#



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

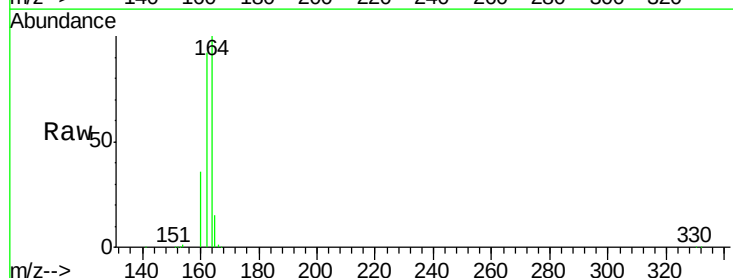
Tgt Ion:164 Resp: 33528

Ion Ratio Lower Upper

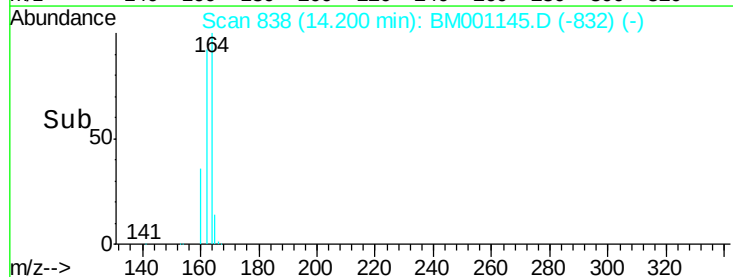
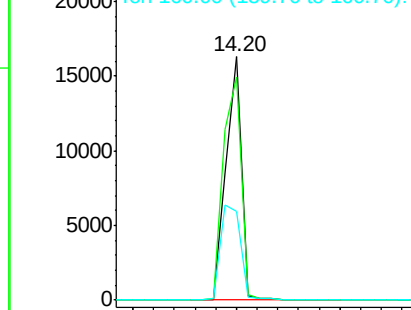
164 100

162 91.9 72.7 109.1

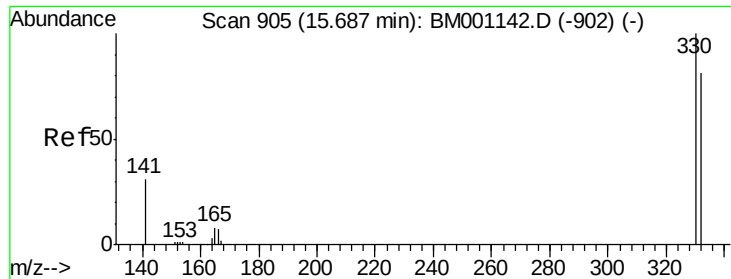
160 36.4 28.7 43.1



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



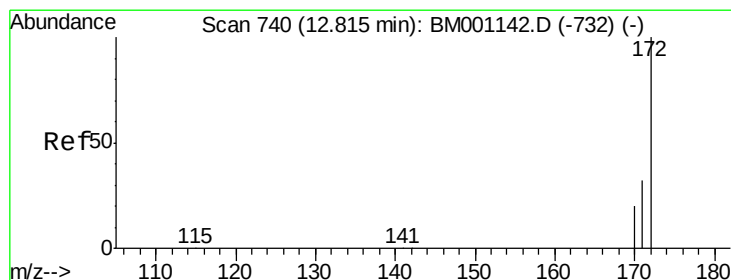
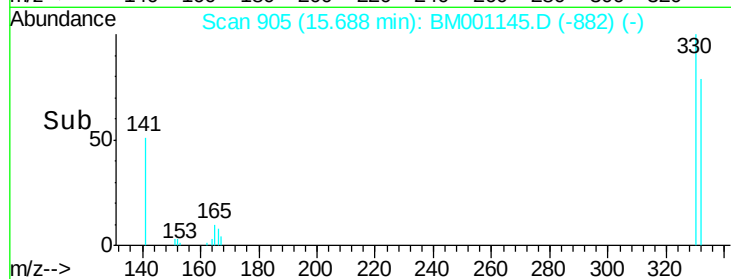
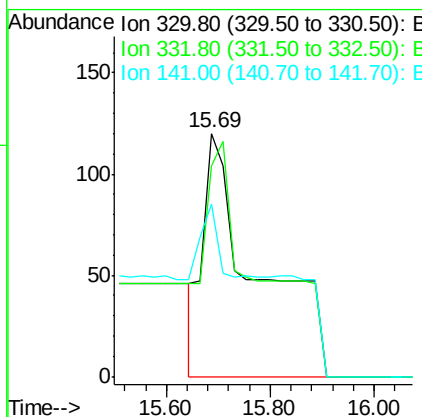
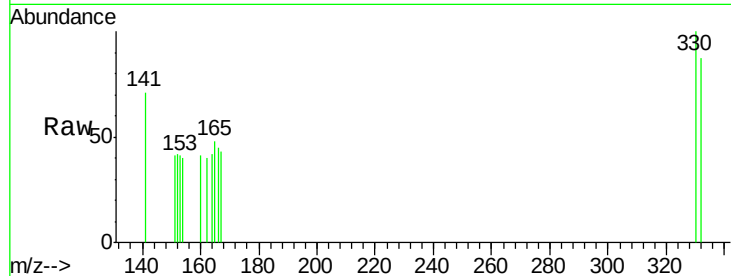




#13  
 2,4,6-Tribromophenol  
 Concen: 0.53 ng/uL  
 RT: 15.69 min Scan# 905  
 Delta R.T. 0.00 min  
 Lab File: BM001145.D  
 Acq: 01 May 2015 23:44

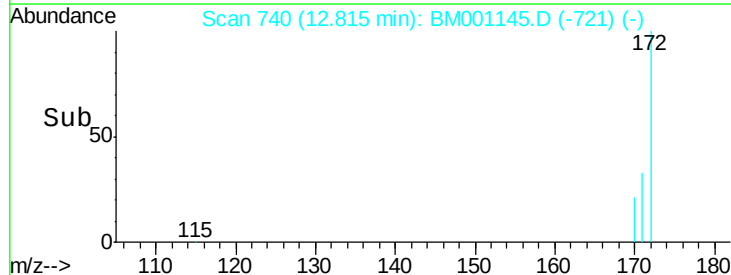
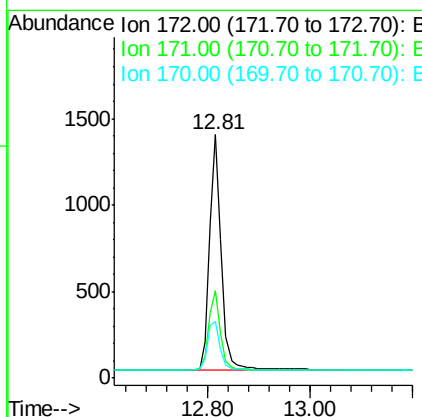
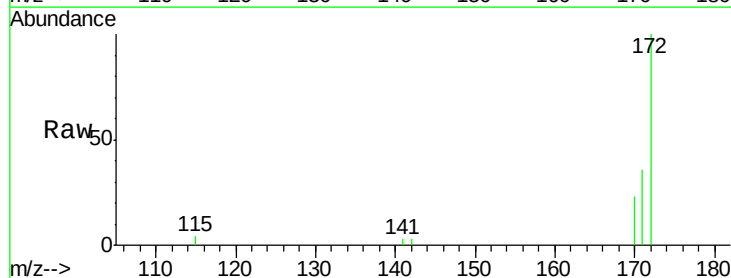
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.2

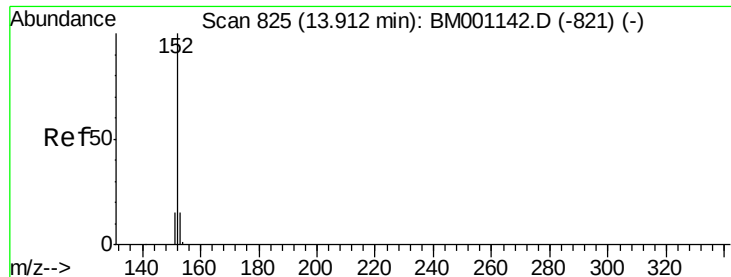
Tgt Ion: 330 Resp: 867  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 74.5 111.7#  
 141 10.0 21.0 31.4#



#14  
 2-Fluorobiphenyl  
 Concen: 0.20 ng  
 RT: 12.81 min Scan# 740  
 Delta R.T. 0.00 min  
 Lab File: BM001145.D  
 Acq: 01 May 2015 23:44

Tgt Ion: 172 Resp: 2230  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 25.8 38.6  
 170 23.5 16.1 24.1

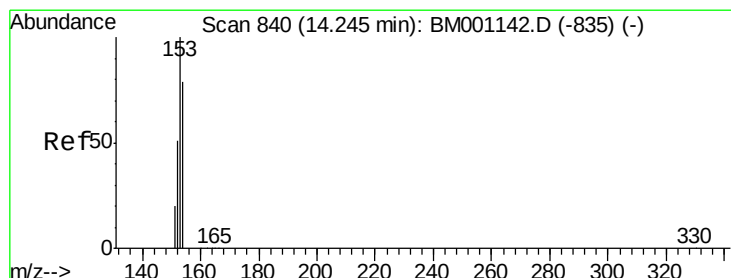
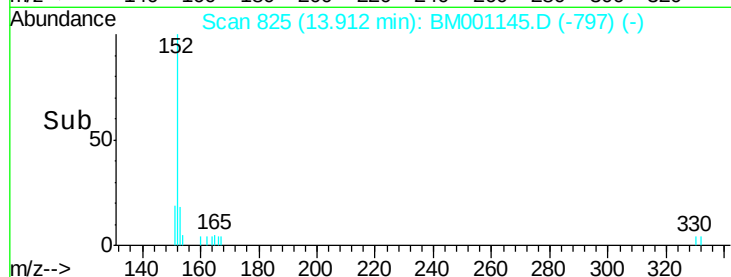
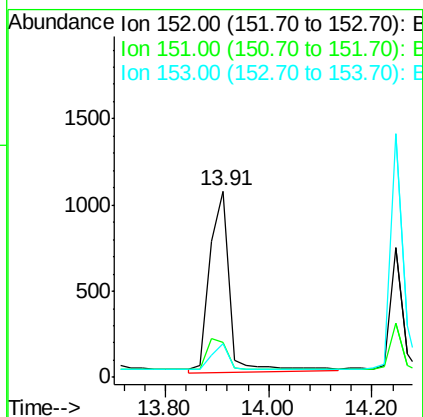
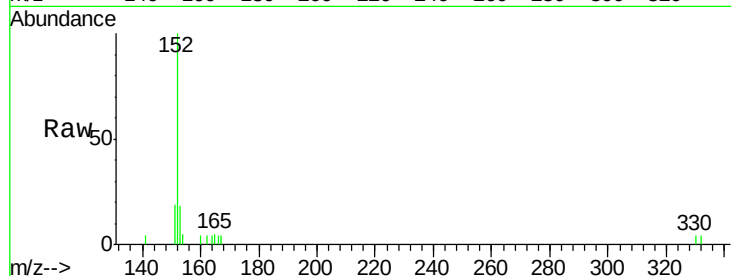




#15  
Acenaphthylene  
Concen: 0.19 ng  
RT: 13.91 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: BM001145.D  
Acq: 01 May 2015 23:44

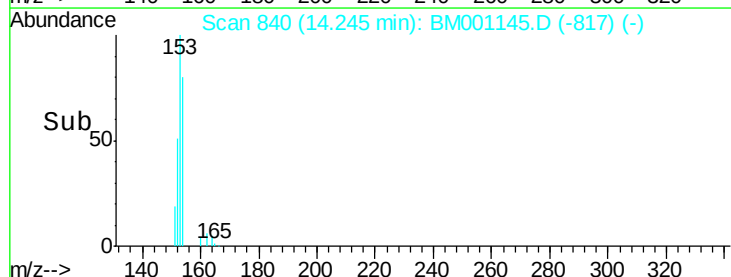
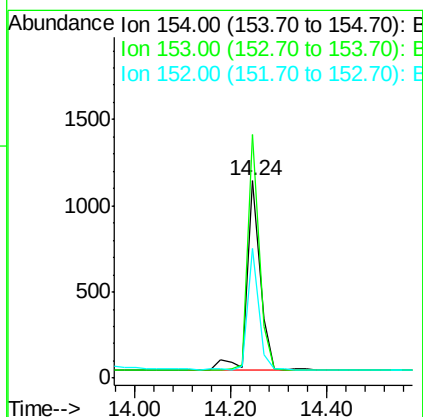
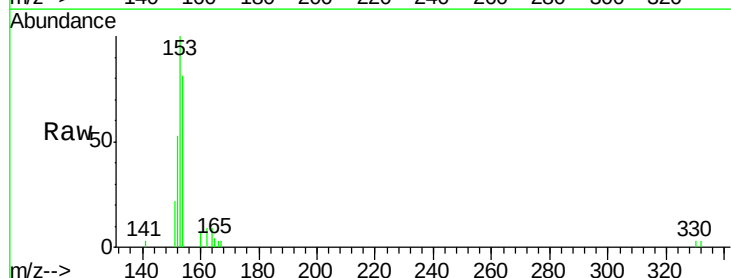
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC0.2

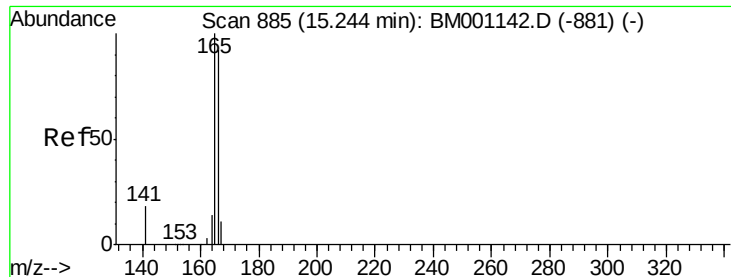
Tgt Ion:152 Resp: 2884  
Ion Ratio Lower Upper  
152 100  
151 0.0 0.0 0.0  
153 11.1 10.3 15.5



#16  
Acenaphthene  
Concen: 0.20 ng  
RT: 14.24 min Scan# 840  
Delta R.T. 0.00 min  
Lab File: BM001145.D  
Acq: 01 May 2015 23:44

Tgt Ion:154 Resp: 2071  
Ion Ratio Lower Upper  
154 100  
153 107.0 90.6 136.0  
152 54.3 45.0 67.4

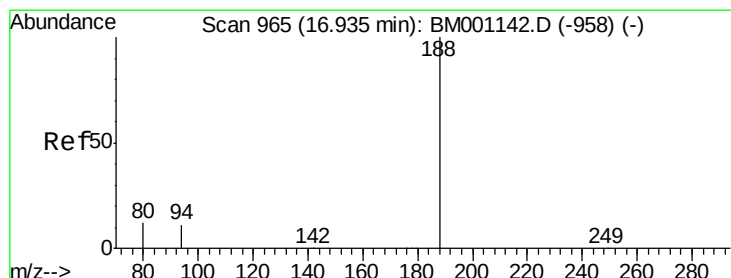
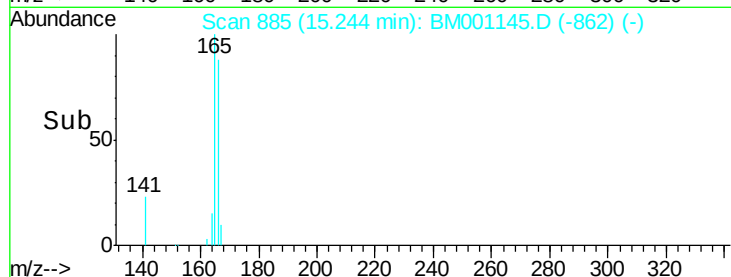
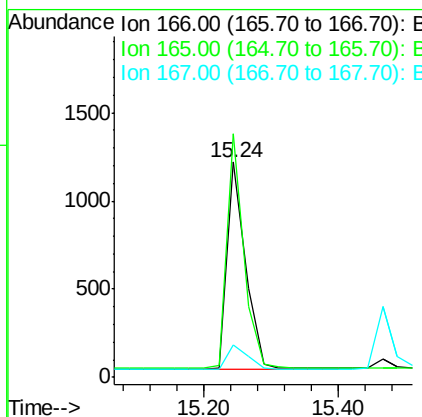
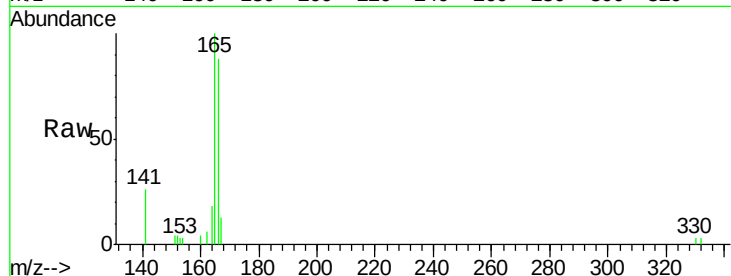




#17  
**Fluorene**  
 Concen: 0.19 ng  
 RT: 15.24 min Scan# 885  
 Delta R.T. 0.00 min  
 Lab File: BM001145.D  
 Acq: 01 May 2015 23:44

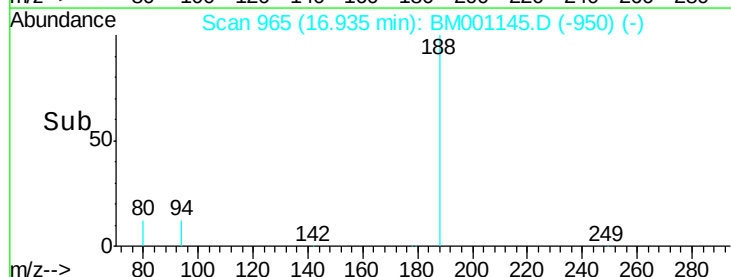
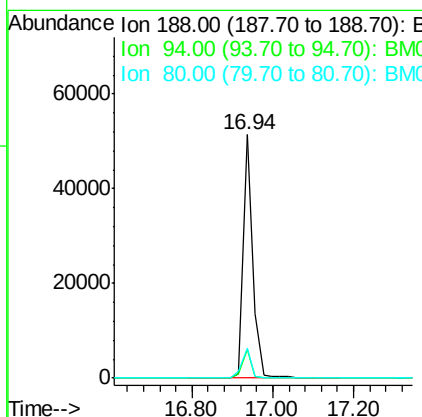
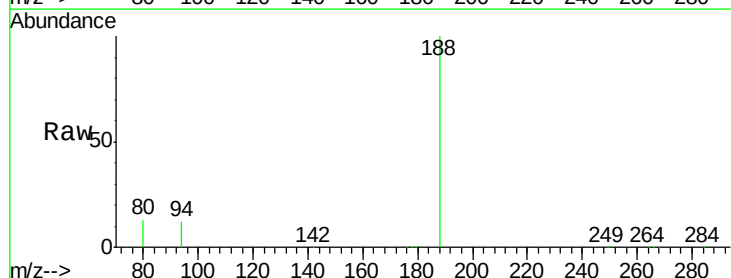
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.2

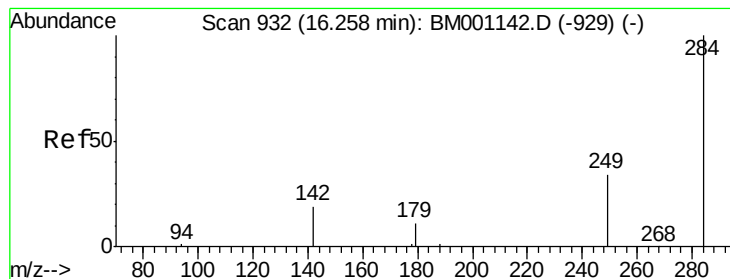
Tgt Ion:166 Resp: 2243  
 Ion Ratio Lower Upper  
 166 100  
 165 103.3 81.0 121.6  
 167 13.6 10.4 15.6



#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 16.94 min Scan# 965  
 Delta R.T. 0.00 min  
 Lab File: BM001145.D  
 Acq: 01 May 2015 23:44

Tgt Ion:188 Resp: 83145  
 Ion Ratio Lower Upper  
 188 100  
 94 11.7 9.3 13.9  
 80 12.5 9.8 14.6

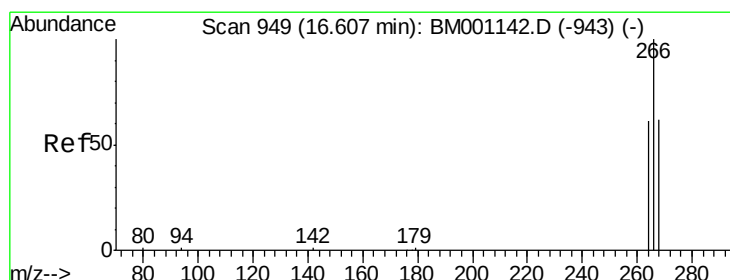
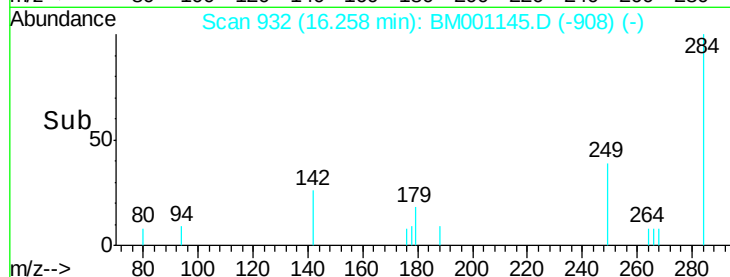
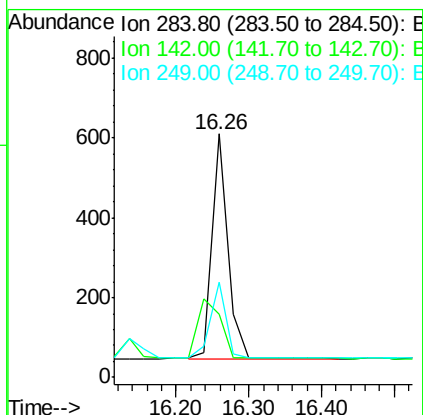
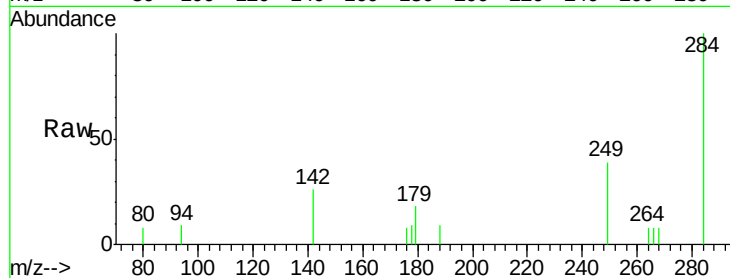




#19  
Hexachlorobenzene  
Concen: 0.19 ng  
RT: 16.26 min Scan# 932  
Delta R.T. 0.00 min  
Lab File: BM001145.D  
Acq: 01 May 2015 23:44

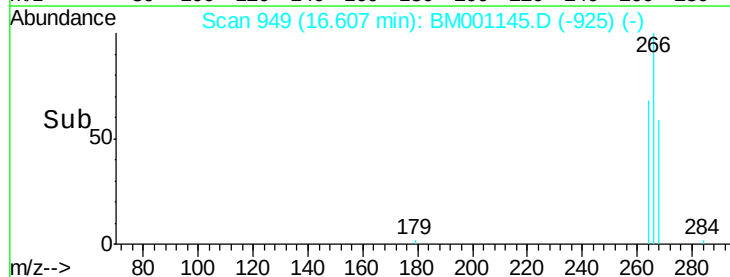
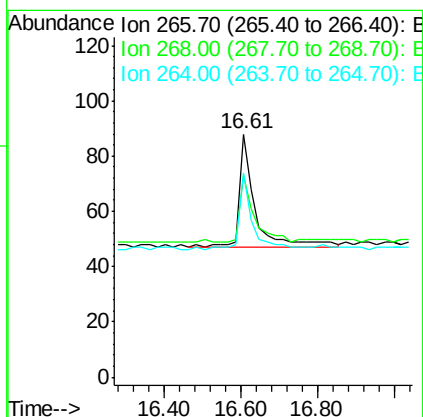
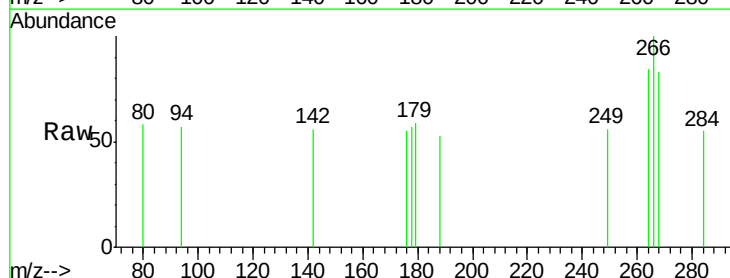
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC0.2

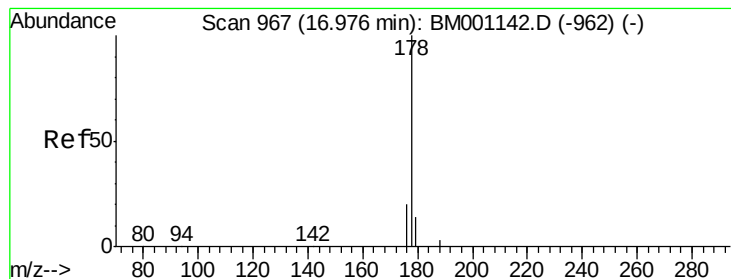
Tgt Ion: 284 Resp: 862  
Ion Ratio Lower Upper  
284 100  
142 0.0 0.0 0.0  
249 40.0 26.5 39.7#



#20  
Pentachlorophenol  
Concen: 0.09 ng  
RT: 16.61 min Scan# 949  
Delta R.T. 0.00 min  
Lab File: BM001145.D  
Acq: 01 May 2015 23:44

Tgt Ion: 266 Resp: 121  
Ion Ratio Lower Upper  
266 100  
268 83.0 52.6 79.0#  
264 84.1 51.0 76.4#





#21

Phenanthrene

Concen: 0.19 ng

RT: 16.98 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDICC0.2

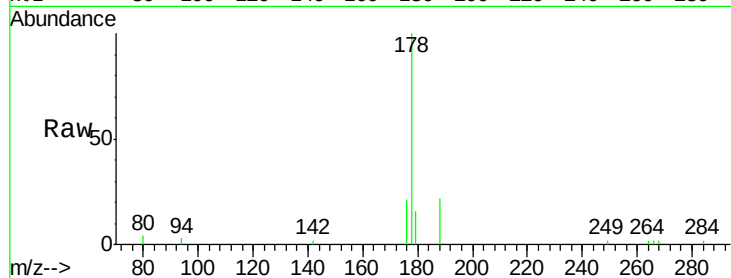
Tgt Ion:178 Resp: 4245

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

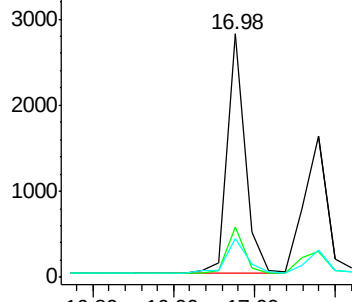
179 16.2 12.0 18.0



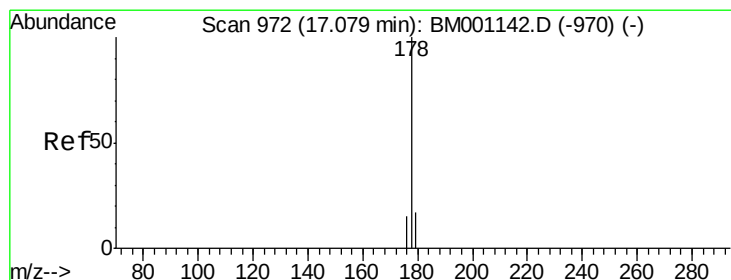
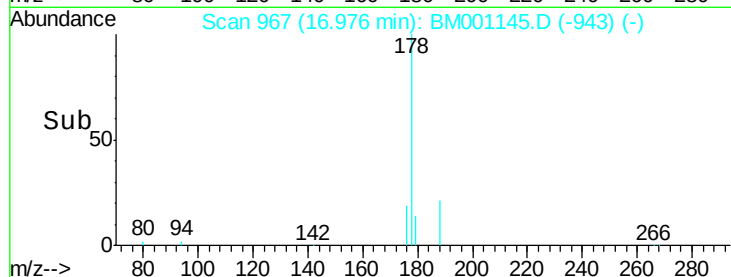
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#22

Anthracene

Concen: 0.17 ng

RT: 17.08 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

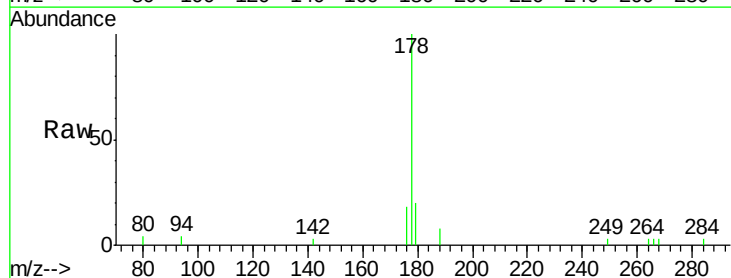
Tgt Ion:178 Resp: 3321

Ion Ratio Lower Upper

178 100

176 17.8 14.3 21.5

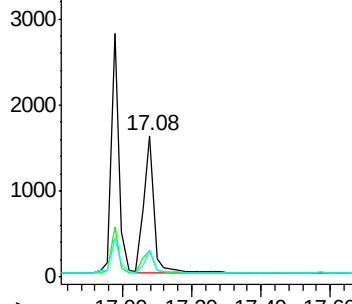
179 15.1 12.2 18.2



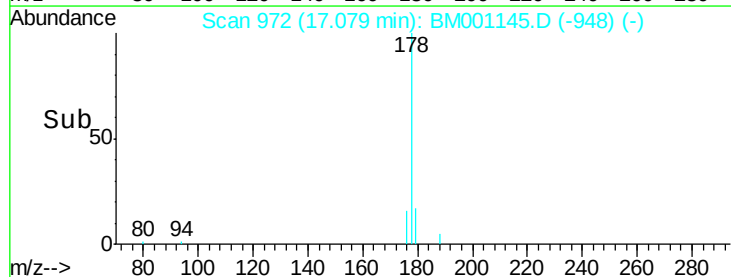
Abundance Ion 178.00 (177.70 to 178.70): E

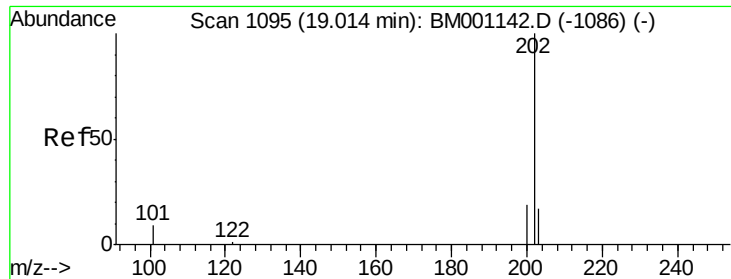
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

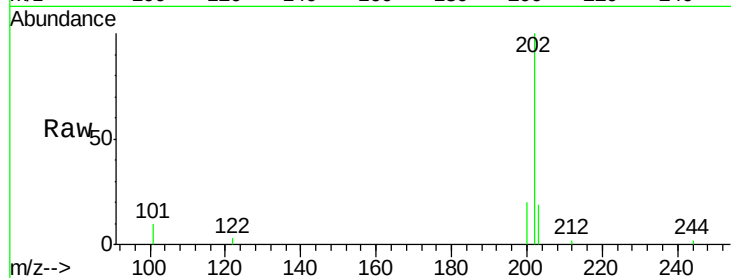




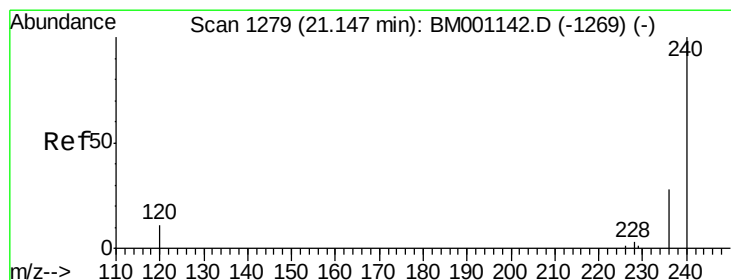
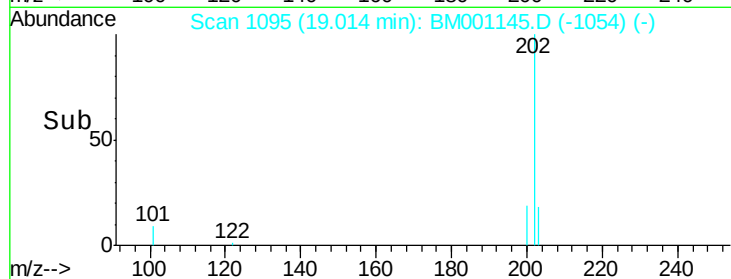
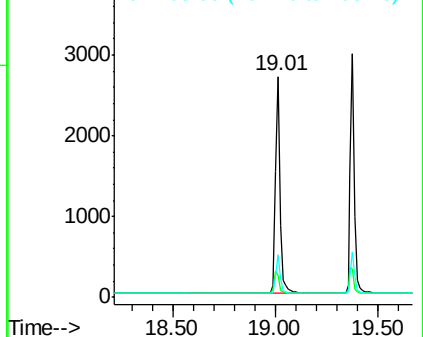
#23  
 Fluoranthene  
 Concen: 0.18 ng  
 RT: 19.01 min Scan# 1095  
 Delta R.T. 0.00 min  
 Lab File: BM001145.D  
 Acq: 01 May 2015 23:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.2

Tgt Ion: 202 Resp: 4120  
 Ion Ratio Lower Upper  
 202 100  
 101 11.3 9.3 13.9  
 203 17.1 13.7 20.5

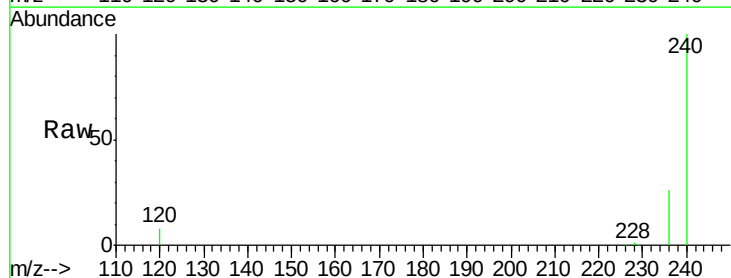


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

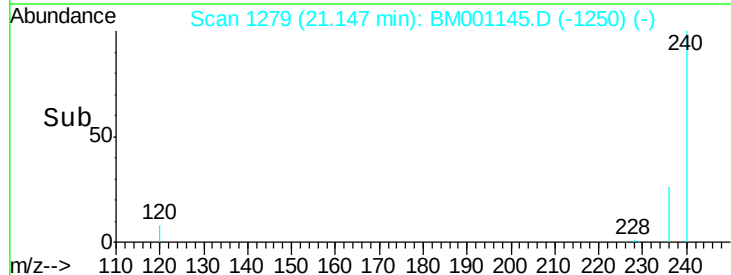
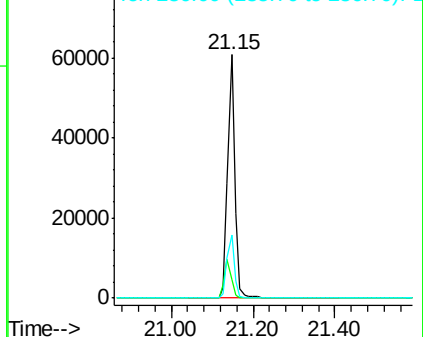


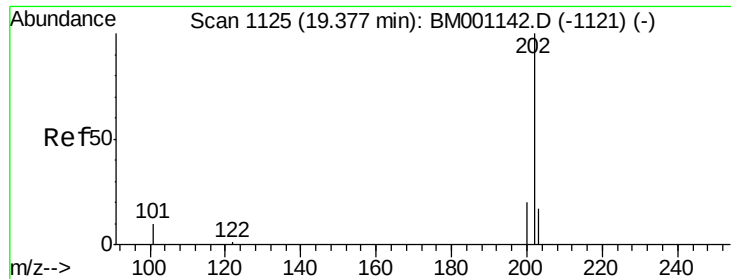
#24  
 Chrysene-d12  
 Concen: 5.00 ng  
 RT: 21.15 min Scan# 1279  
 Delta R.T. 0.00 min  
 Lab File: BM001145.D  
 Acq: 01 May 2015 23:44

Tgt Ion: 240 Resp: 74303  
 Ion Ratio Lower Upper  
 240 100  
 120 7.6 9.2 13.8#  
 236 26.0 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

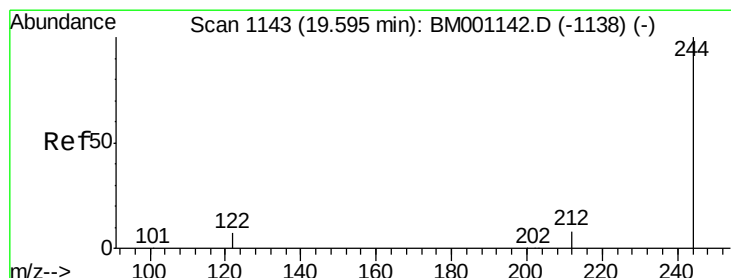
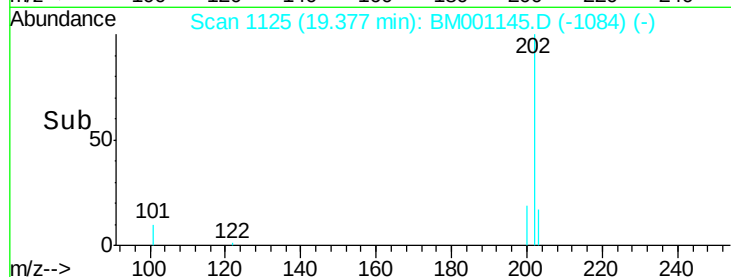
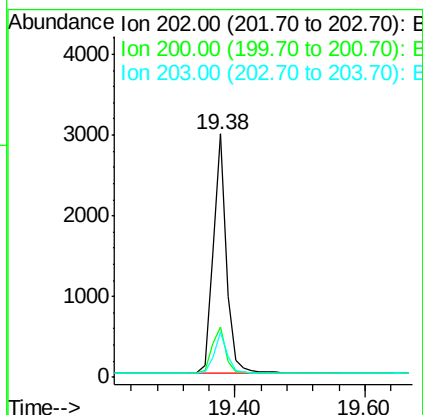
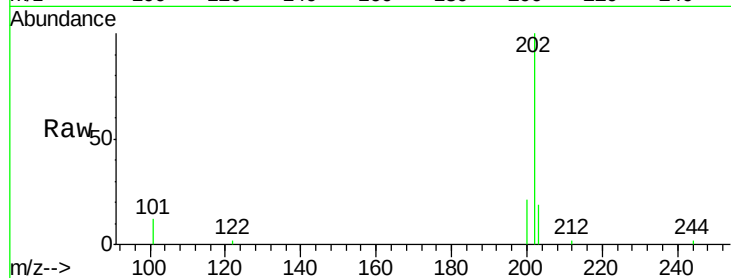




#25  
 Pyrene  
 Concen: 0.17 ng  
 RT: 19.38 min Scan# 1125  
 Delta R.T. 0.00 min  
 Lab File: BM001145.D  
 Acq: 01 May 2015 23:44

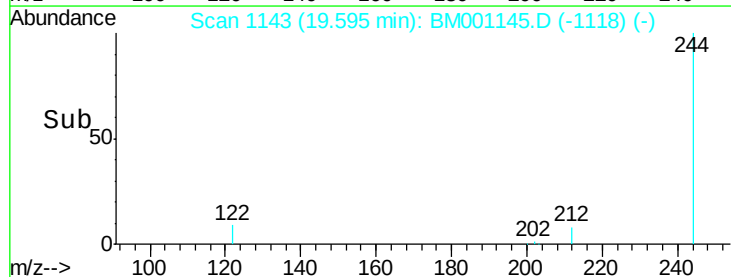
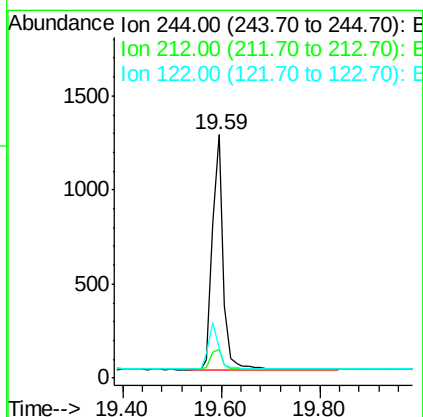
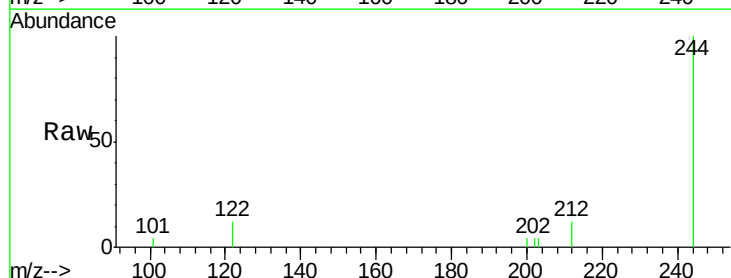
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.2

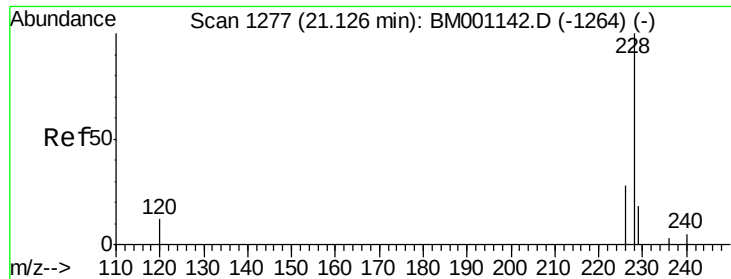
Tgt Ion: 202 Resp: 4263  
 Ion Ratio Lower Upper  
 202 100  
 200 20.4 16.4 24.6  
 203 17.6 13.8 20.6



#26  
 Terphenyl-d14  
 Concen: 0.19 ng  
 RT: 19.59 min Scan# 1143  
 Delta R.T. 0.00 min  
 Lab File: BM001145.D  
 Acq: 01 May 2015 23:44

Tgt Ion: 244 Resp: 1896  
 Ion Ratio Lower Upper  
 244 100  
 212 11.7 7.1 10.7#  
 122 12.4 6.2 9.4#





#27

Benzo(a)anthracene

Concen: 0.18 ng

RT: 21.13 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.2

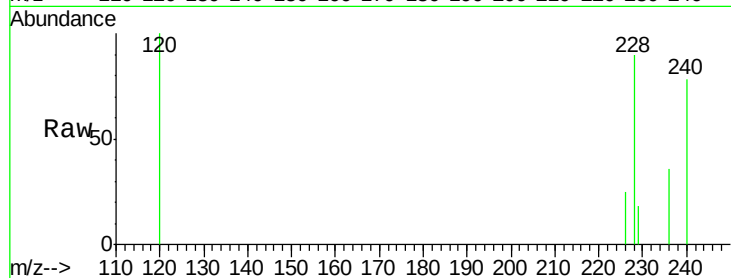
Tgt Ion:228 Resp: 3968

Ion Ratio Lower Upper

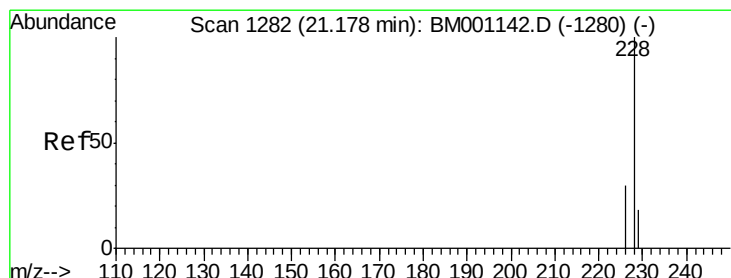
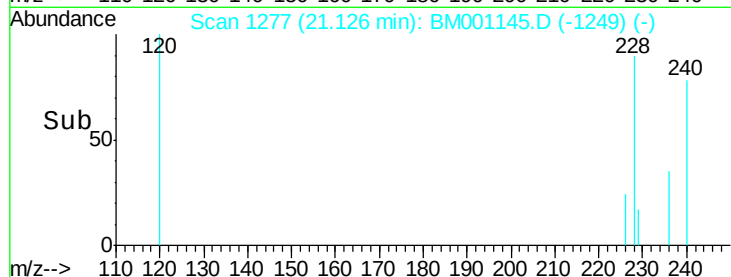
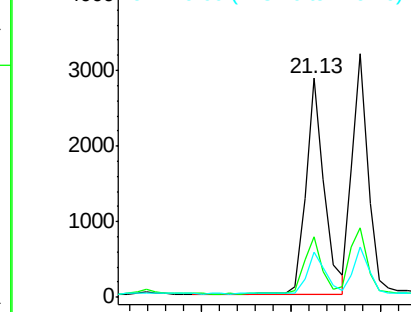
228 100

226 27.6 22.8 34.2

229 20.4 14.4 21.6



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



#28

Chrysene

Concen: 0.18 ng

RT: 21.18 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

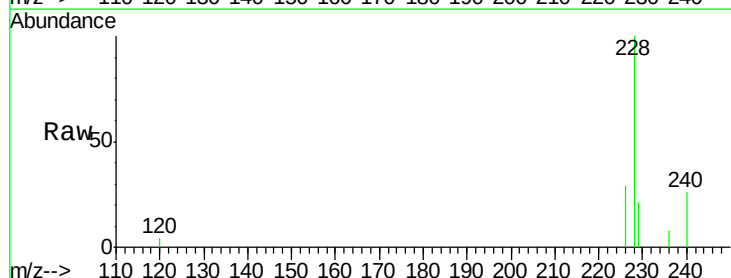
Tgt Ion:228 Resp: 4051

Ion Ratio Lower Upper

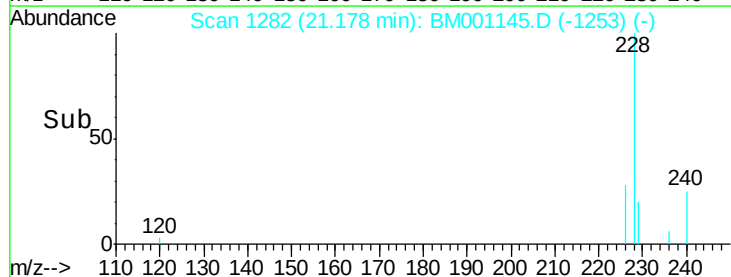
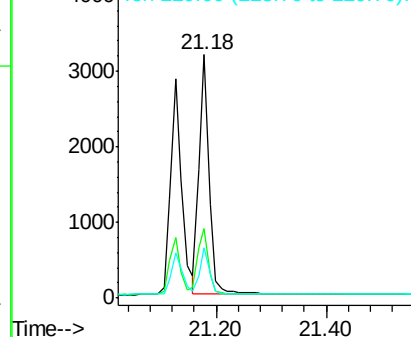
228 100

226 28.6 24.4 36.6

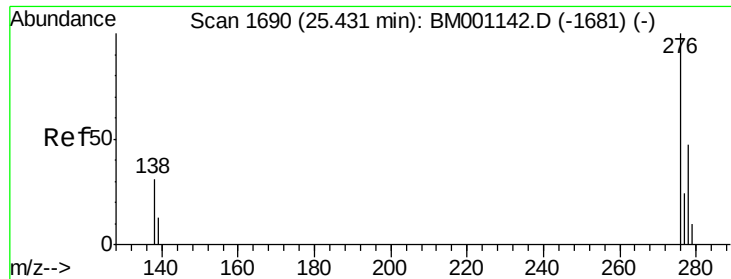
229 20.8 14.3 21.5



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







#29

Indeno(1,2,3-cd)pyrene

Concen: 0.17 ng

RT: 25.43 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.2

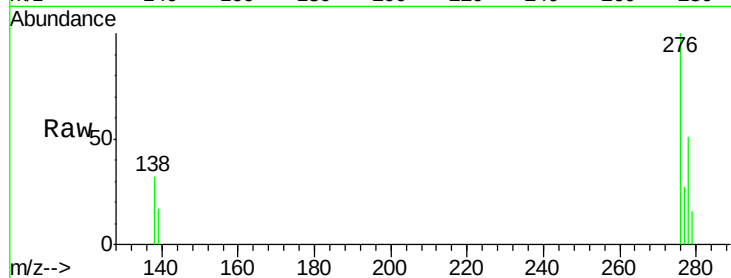
Tgt Ion:276 Resp: 3732

Ion Ratio Lower Upper

276 100

138 30.5 24.2 36.4

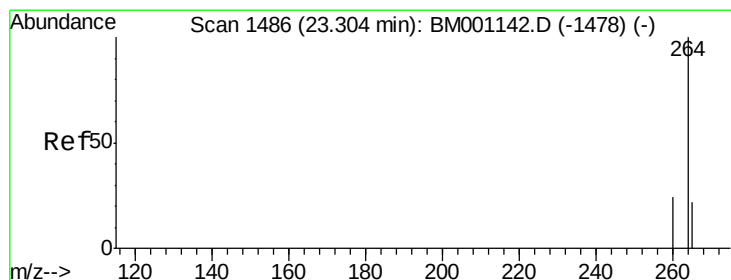
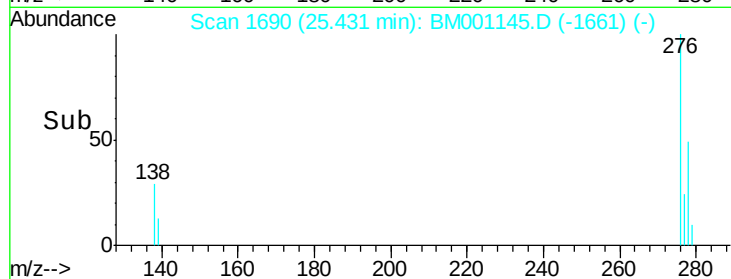
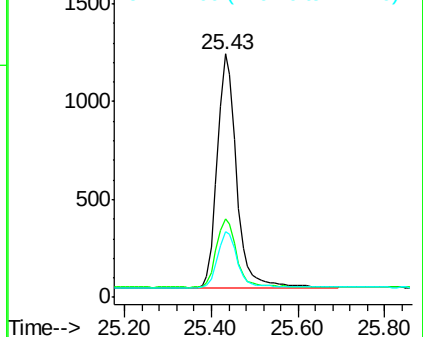
277 24.9 19.8 29.6



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: BM001145.D

Acq: 01 May 2015 23:44

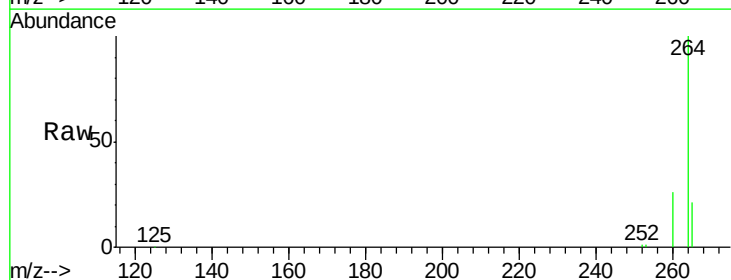
Tgt Ion:264 Resp: 65480

Ion Ratio Lower Upper

264 100

260 25.9 18.9 28.3

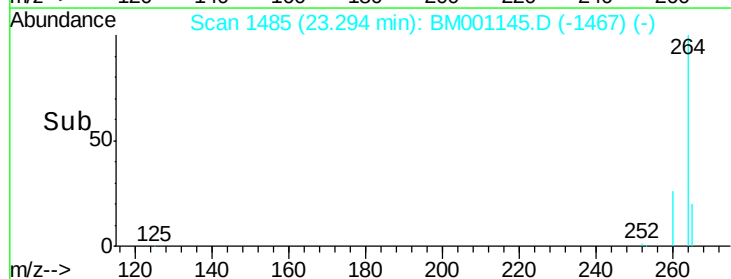
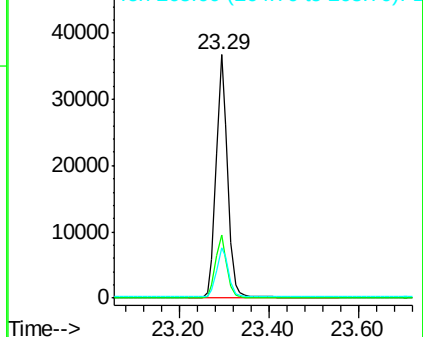
265 20.9 18.1 27.1

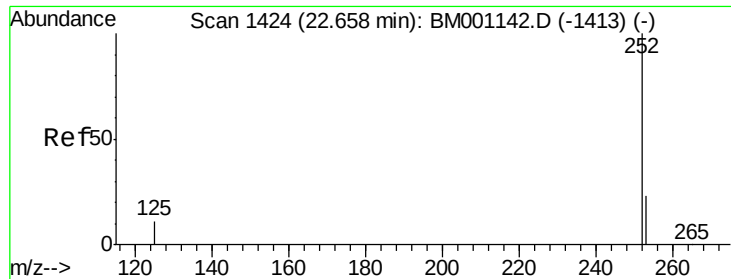


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 0.17 ng

RT: 22.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDICC0.2

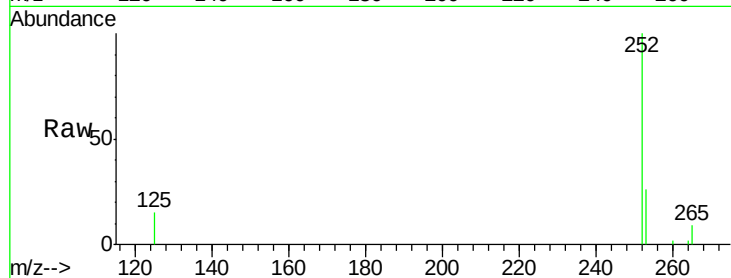
Tgt Ion:252 Resp: 3596

Ion Ratio Lower Upper

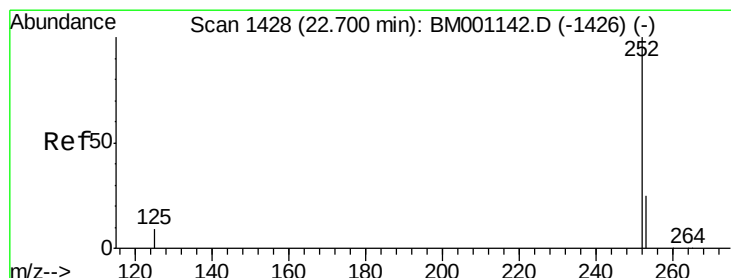
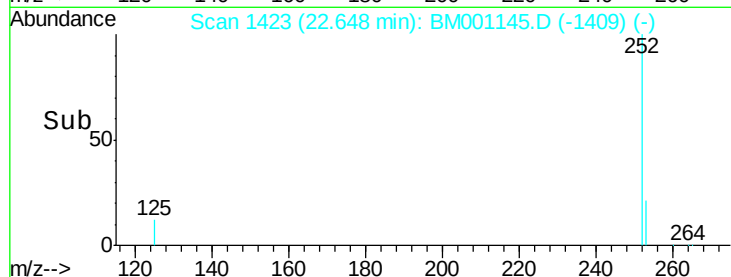
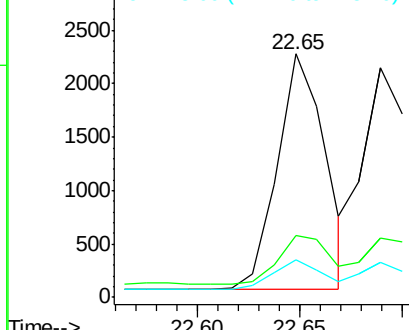
252 100

253 25.6 19.0 28.4

125 15.2 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: 0.19 ng

RT: 22.69 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

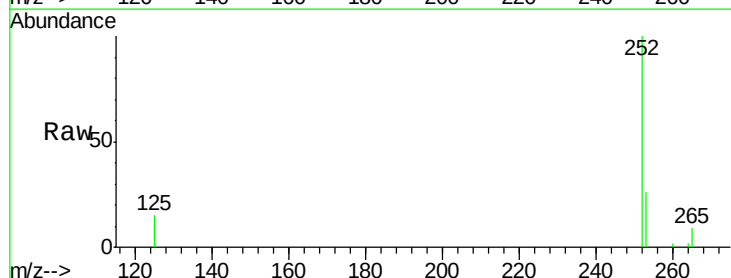
Tgt Ion:252 Resp: 3719

Ion Ratio Lower Upper

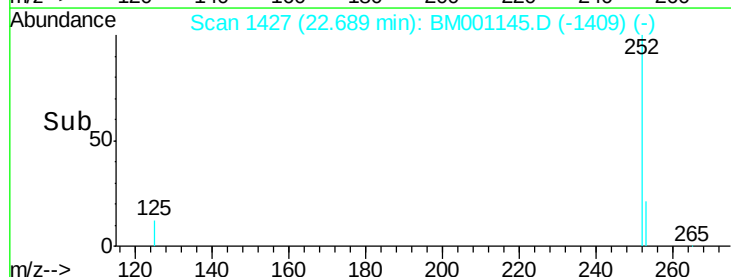
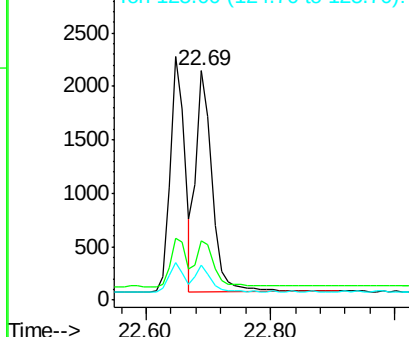
252 100

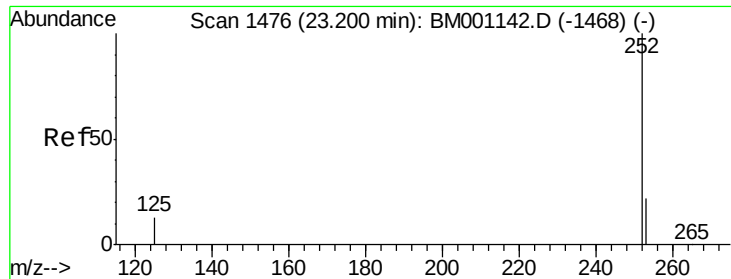
253 25.8 19.1 28.7

125 15.0 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: 0.18 ng

RT: 23.20 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDICC0.2

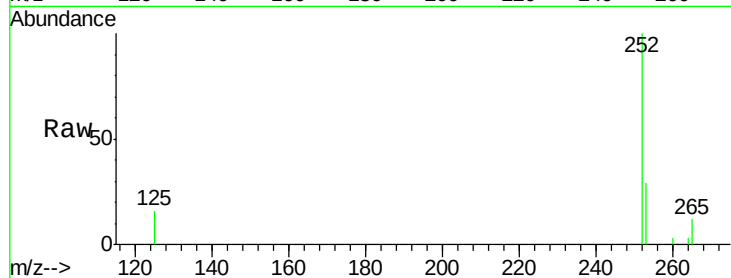
Tgt Ion:252 Resp: 3179

Ion Ratio Lower Upper

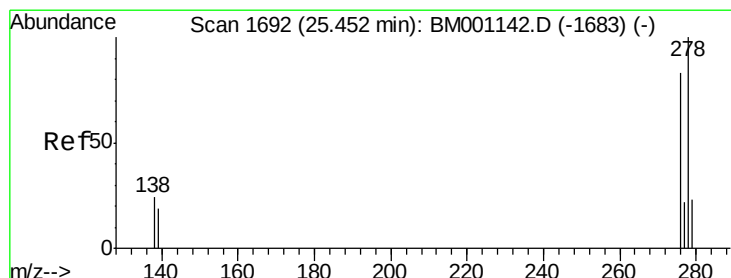
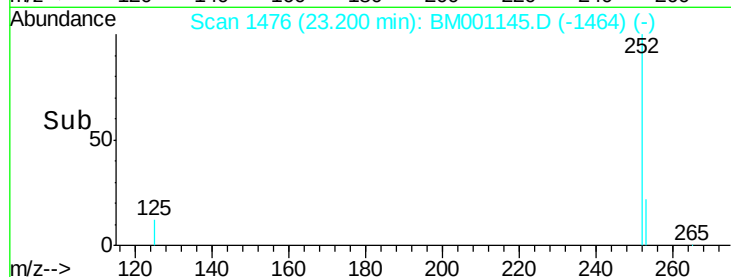
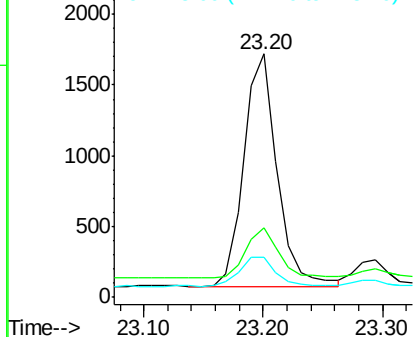
252 100

253 28.8 18.2 27.2#

125 16.4 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: 0.17 ng

RT: 25.45 min Scan# 1692

Delta R.T. 0.00 min

Lab File: BM001145.D

Acq: 01 May 2015 23:44

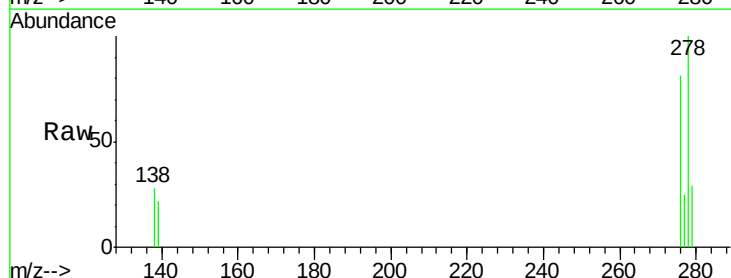
Tgt Ion:278 Resp: 2898

Ion Ratio Lower Upper

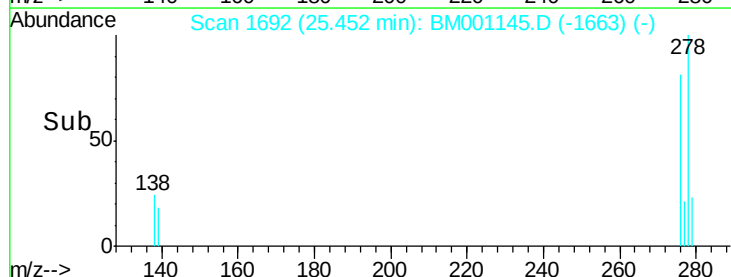
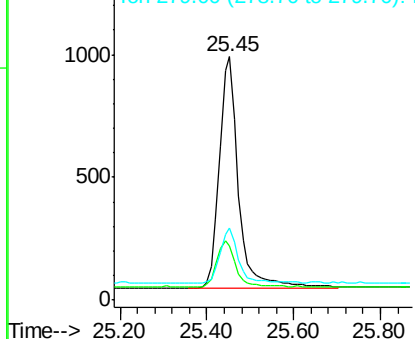
278 100

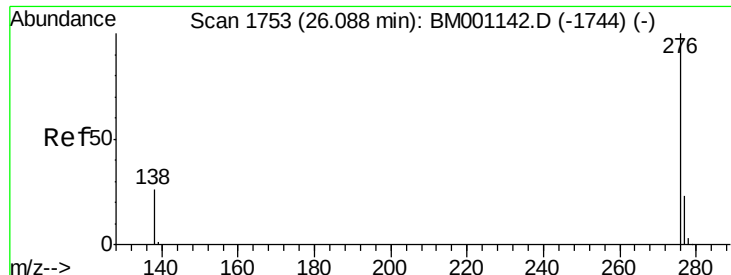
139 22.3 15.5 23.3

279 29.4 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: 0.17 ng

RT: 26.09 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BM001145.D

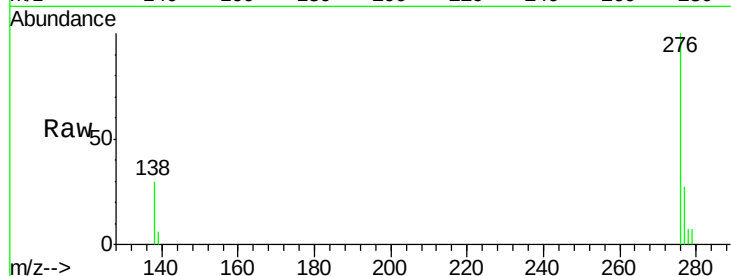
Acq: 01 May 2015 23:44

Instrument :

BNA\_M

ClientSampleId :

SSTDICC0.2



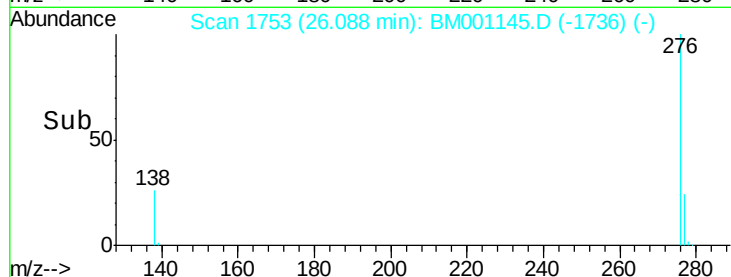
Tgt Ion: 276 Resp: 3139

Ion Ratio Lower Upper

276 100

277 27.4 19.0 28.4

138 29.6 21.3 31.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

