

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM060315\  
 Data File : BM001541.D  
 Acq On : 03 Jun 2015 19:00  
 Operator : TP/IZ  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC005

Quant Time: Jun 04 03:16:27 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIM-BM060315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 04 03:14:13 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 26772    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.49 | 136  | 96348    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.35 | 164  | 46108    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 17.09 | 188  | 110458   | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12          | 21.28 | 240  | 76793    | 5.00 | ng    | 0.00     |
| 32) Perylene-d12          | 23.53 | 264  | 73442    | 5.00 | ng    | 0.01     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.28  | 112 | 30111 | 5.11 | ng | 0.00 |
| 5) Phenol-d6                | 6.86  | 99  | 37721 | 5.18 | ng | 0.00 |
| 7) Nitrobenzene-d5          | 8.86  | 82  | 34472 | 5.65 | ng | 0.00 |
| 13) 2,4,6-Tribromophenol    | 15.83 | 330 | 9805  | 9.92 | ng | 0.00 |
| 14) 2-Fluorobiphenyl        | 12.97 | 172 | 66465 | 4.81 | ng | 0.00 |
| 27) Terphenyl-d14           | 19.73 | 244 | 45944 | 4.84 | ng | 0.00 |

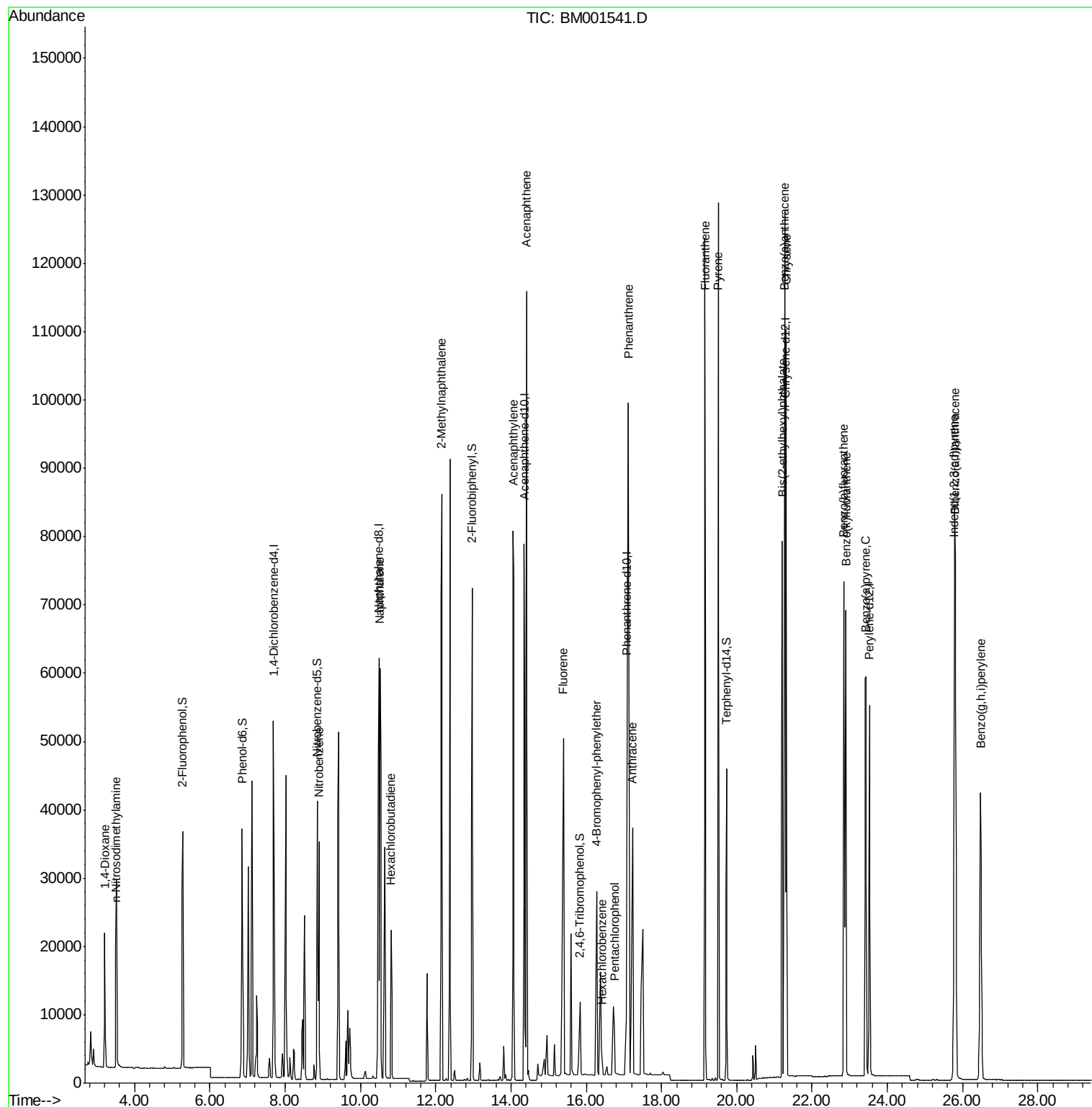
|                                |       |     |        |        |    |       |
|--------------------------------|-------|-----|--------|--------|----|-------|
| Target Compounds               |       |     |        | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.21  | 88  | 11937  | 4.27   | ng | 96    |
| 3) n-Nitrosodimethylamine      | 3.51  | 42  | 19927  | 5.22   | ng | 98    |
| 8) Nitrobenzene                | 8.90  | 77  | 36724  | 5.67   | ng | 99    |
| 9) Naphthalene                 | 10.52 | 128 | 96728  | 4.76   | ng | 99    |
| 10) Hexachlorobutadiene        | 10.82 | 225 | 16690  | 4.71   | ng | 100   |
| 11) 2-Methylnaphthalene        | 12.16 | 142 | 61935  | 4.85   | ng | 99    |
| 15) Acenaphthylene             | 14.06 | 152 | 103709 | 5.25   | ng | 100   |
| 16) Acenaphthene               | 14.41 | 154 | 60625  | 4.95   | ng | 96    |
| 17) Fluorene                   | 15.39 | 166 | 51201  | 2.66   | ng | 99    |
| 19) 4-Bromophenyl-phenylether  | 16.27 | 248 | 19970  | 10.55  | ng | 95    |
| 20) Hexachlorobenzene          | 16.41 | 284 | 10930  | 2.79   | ng | # 100 |
| 21) Pentachlorophenol          | 16.75 | 266 | 7524   | 4.39   | ng | 94    |
| 22) Phenanthrene               | 17.12 | 178 | 150170 | 7.14   | ng | 99    |
| 23) Anthracene                 | 17.23 | 178 | 55637  | 2.50   | ng | # 48  |
| 24) Fluoranthene               | 19.15 | 202 | 109117 | 5.49   | ng | 99    |
| 26) Pyrene                     | 19.52 | 202 | 114037 | 4.89   | ng | 100   |
| 28) Benzo(a)anthracene         | 21.27 | 228 | 102410 | 4.93   | ng | 99    |
| 29) Chrysene                   | 21.31 | 228 | 86788  | 4.43   | ng | 99    |
| 30) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 79152  | 5.33   | ng | 99    |
| 31) Indeno(1,2,3-cd)pyrene     | 25.78 | 276 | 101115 | 4.67   | ng | 100   |
| 33) Benzo(b)fluoranthene       | 22.84 | 252 | 91771  | 4.42   | ng | 97    |
| 34) Benzo(k)fluoranthene       | 22.90 | 252 | 90332  | 4.88   | ng | 96    |
| 35) Benzo(a)pyrene             | 23.43 | 252 | 85778  | 4.78   | ng | 96    |
| 36) Dibenzo(a,h)anthracene     | 25.80 | 278 | 79369  | 4.48   | ng | 97    |
| 37) Benzo(g,h,i)perylene       | 26.48 | 276 | 82211  | 4.44   | ng | 98    |

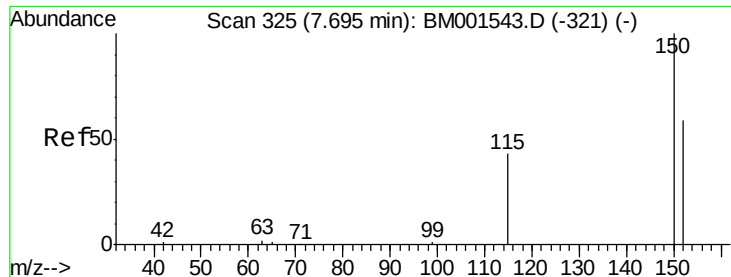
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Jun 04 03:16:27 2015  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 04 03:14:13 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 325

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

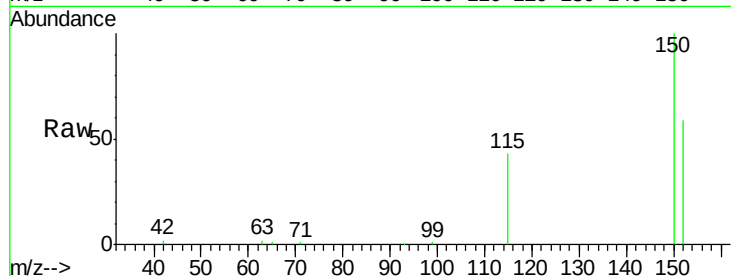
Tgt Ion:152 Resp: 26772

Ion Ratio Lower Upper

152 100

150 169.9 135.0 202.4

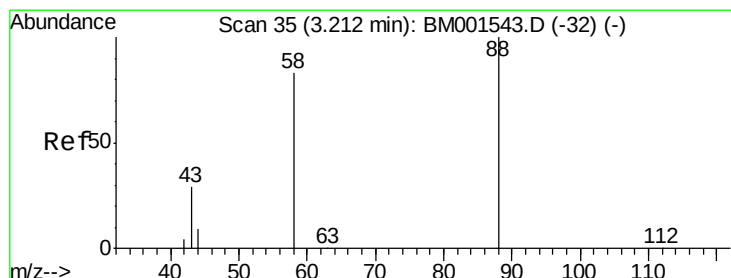
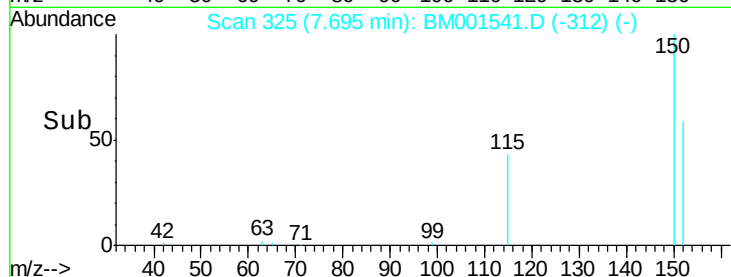
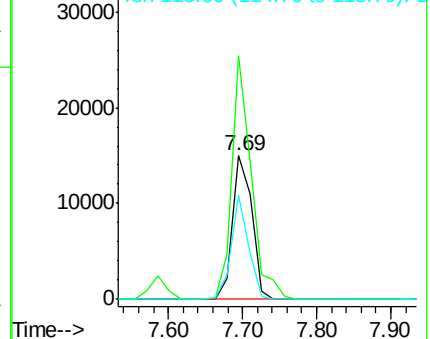
115 72.9 57.8 86.8



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: 4.27 ng

RT: 3.21 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

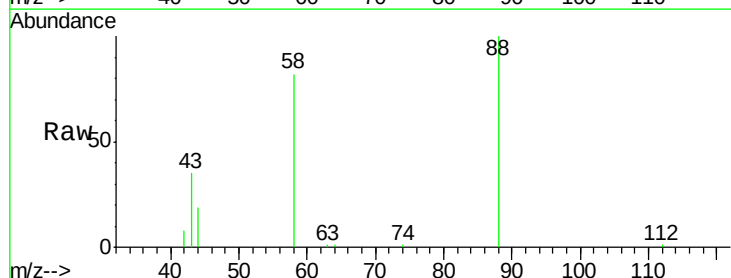
Tgt Ion: 88 Resp: 11937

Ion Ratio Lower Upper

88 100

58 85.8 65.0 97.4

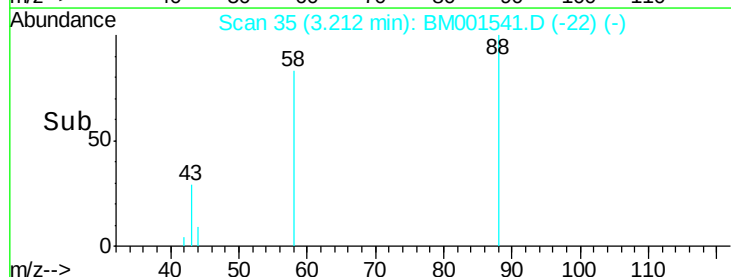
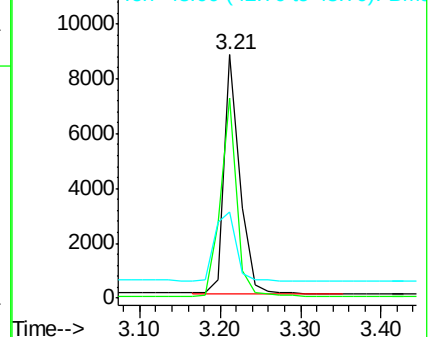
43 39.9 31.1 46.7

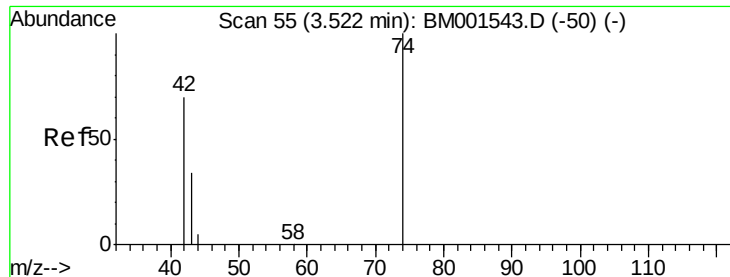


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

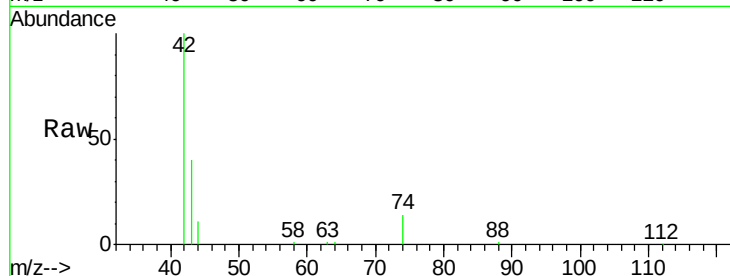




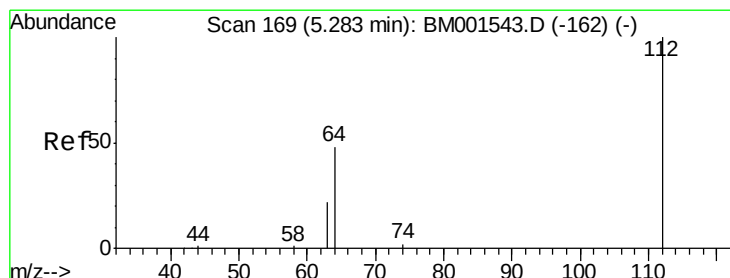
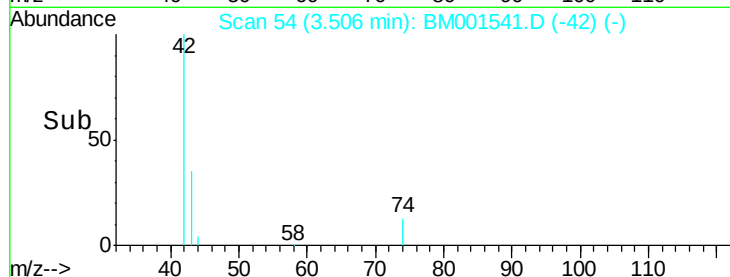
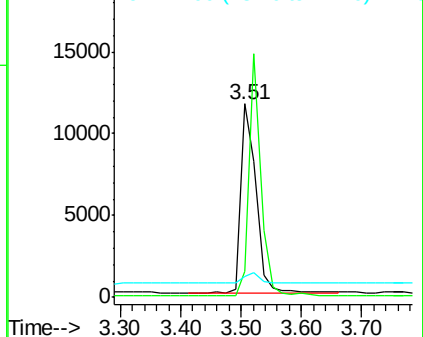
#3  
n-Nitrosodimethylamine  
Concen: 5.22 ng  
RT: 3.51 min Scan# 54  
Delta R.T. -0.02 min  
Lab File: BM001541.D  
Acq: 03 Jun 2015 19:00

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC005

Tgt Ion: 42 Resp: 19927  
Ion Ratio Lower Upper  
42 100  
74 100.9 82.0 123.0  
44 6.3 5.8 8.6

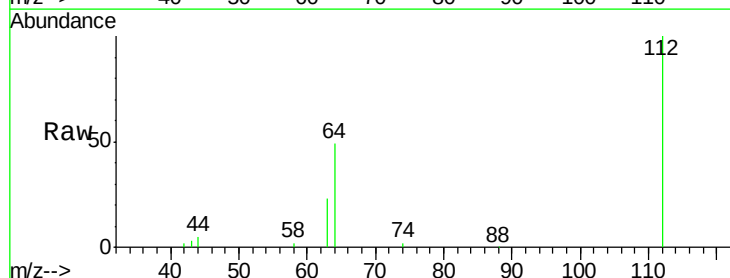


Abundance Ion 42.00 (41.70 to 42.70): BM001541.D (-42) (-)  
Ion 74.00 (73.70 to 74.70): BM001541.D (-74) (-)  
Ion 44.00 (43.70 to 44.70): BM001541.D (-44) (-)

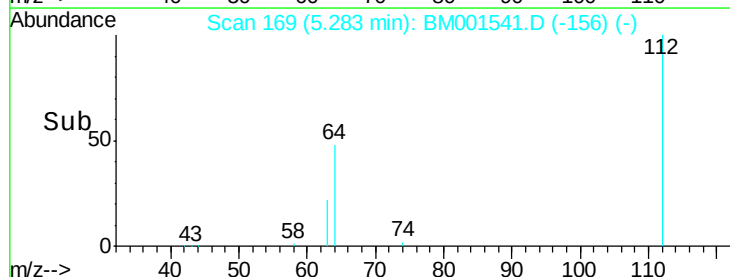
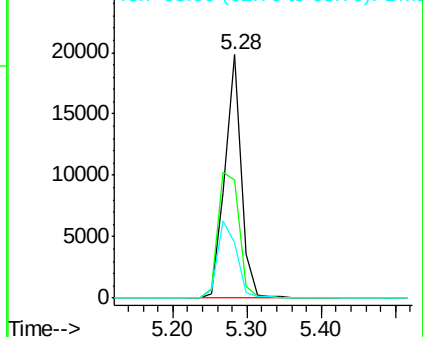


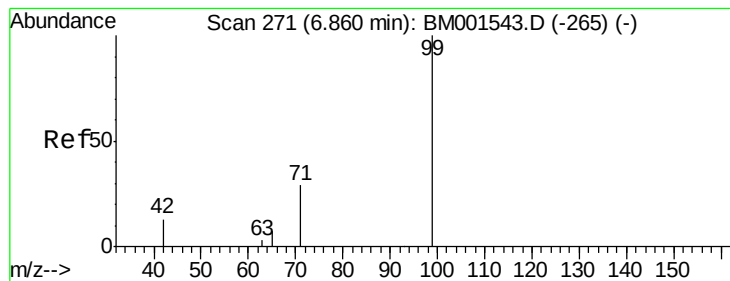
#4  
2-Fluorophenol  
Concen: 5.11 ng  
RT: 5.28 min Scan# 169  
Delta R.T. -0.00 min  
Lab File: BM001541.D  
Acq: 03 Jun 2015 19:00

Tgt Ion: 112 Resp: 30111  
Ion Ratio Lower Upper  
112 100  
64 66.3 53.0 79.4  
63 36.1 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): BM001541.D (-112) (-)  
Ion 64.00 (63.70 to 64.70): BM001541.D (-64) (-)  
Ion 63.00 (62.70 to 63.70): BM001541.D (-63) (-)





#5

Phenol-d6

Concen: 5.18 ng

RT: 6.86 min Scan# 271

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005

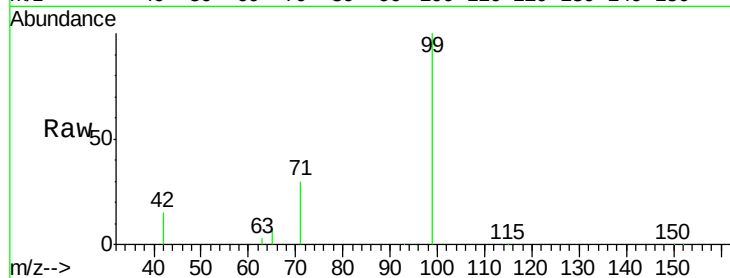
Tgt Ion: 99 Resp: 37721

Ion Ratio Lower Upper

99 100

42 25.7 20.9 31.3

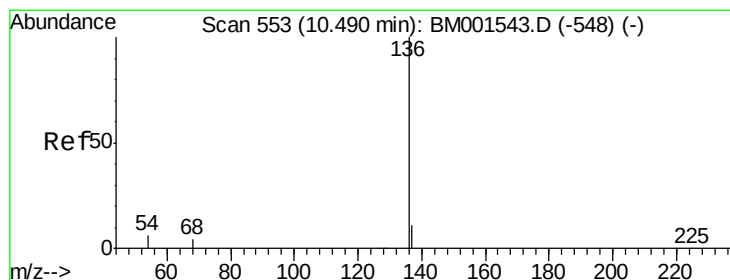
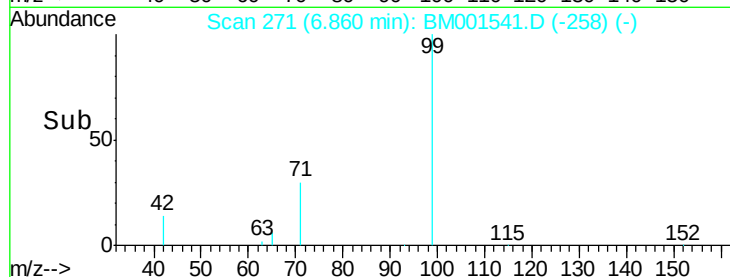
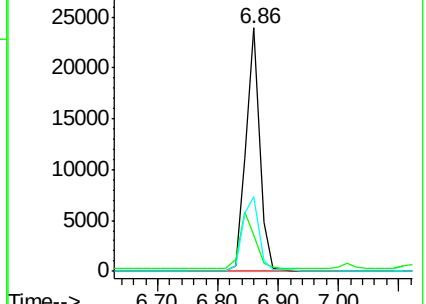
71 35.1 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001541.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM001541.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM001541.D (-265) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Tgt Ion: 136 Resp: 96348

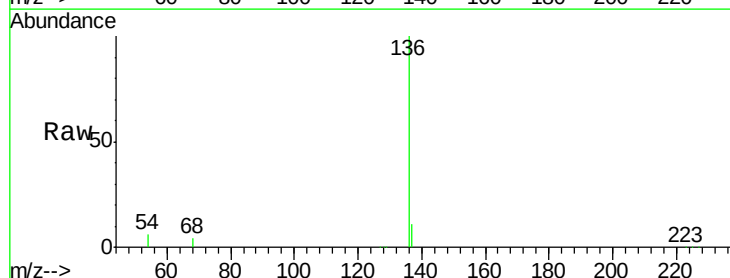
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 5.9 4.6 6.8

68 4.1 3.2 4.8

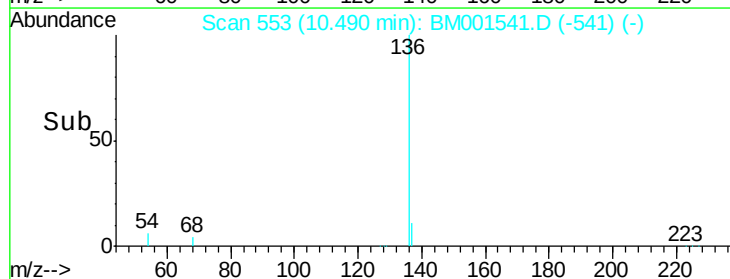
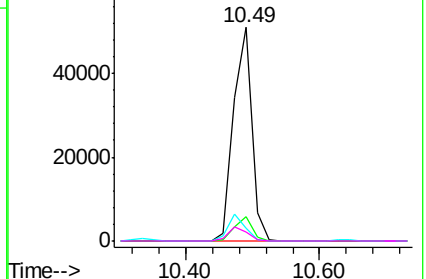


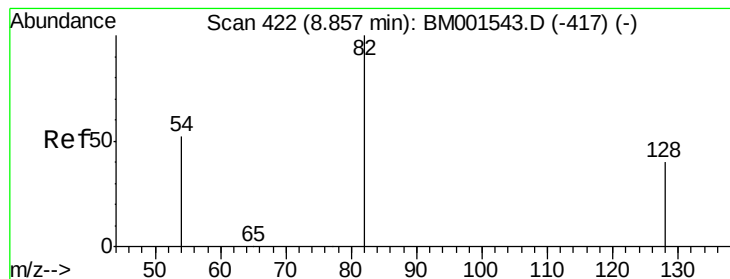
Abundance Ion 136.00 (135.70 to 136.70): BM001541.D (-548) (-)

Ion 137.00 (136.70 to 137.70): BM001541.D (-548) (-)

Ion 54.00 (53.70 to 54.70): BM001541.D (-548) (-)

Ion 68.00 (67.70 to 68.70): BM001541.D (-548) (-)





#7

Nitrobenzene-d5

Concen: 5.65 ng

RT: 8.86 min Scan# 422

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

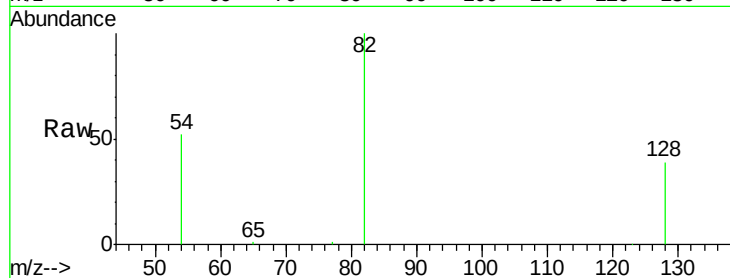
Tgt Ion: 82 Resp: 34472

Ion Ratio Lower Upper

82 100

128 39.3 32.3 48.5

54 52.4 43.0 64.4

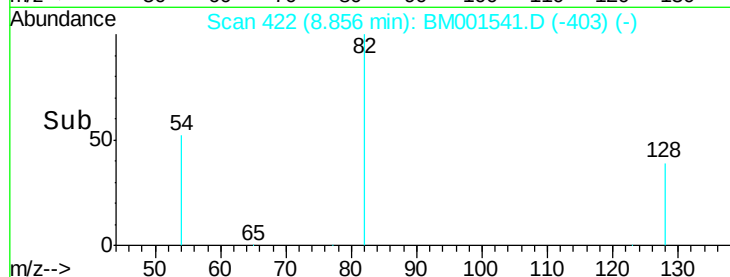


Abundance Ion 82.00 (81.70 to 82.70): BM001541.D (-417) (-)

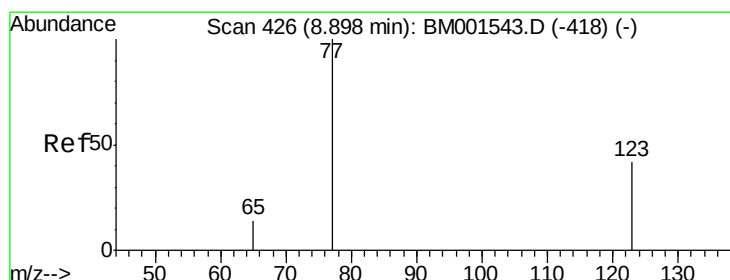
Ion 128.00 (127.70 to 128.70): BM001541.D (-417) (-)

Ion 54.00 (53.70 to 54.70): BM001541.D (-417) (-)

Time-->



Time-->



#8

Nitrobenzene

Concen: 5.67 ng

RT: 8.90 min Scan# 426

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

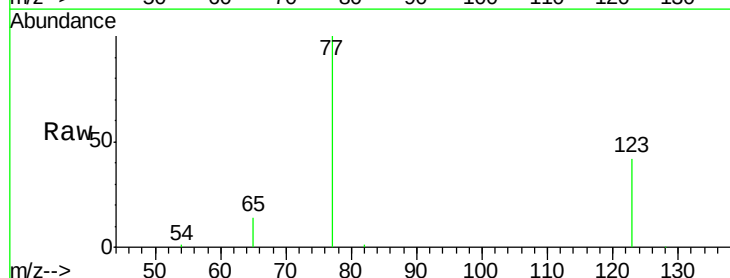
Tgt Ion: 77 Resp: 36724

Ion Ratio Lower Upper

77 100

123 41.3 32.5 48.7

65 14.5 11.8 17.6

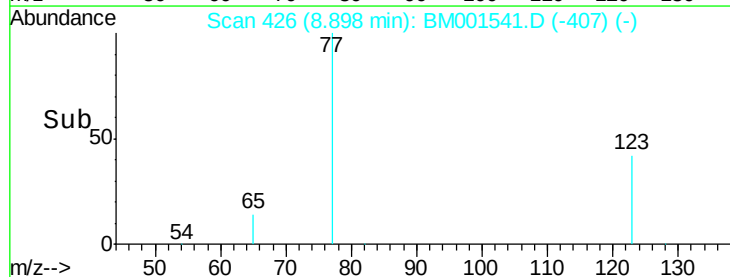


Abundance Ion 77.00 (76.70 to 77.70): BM001541.D (-418) (-)

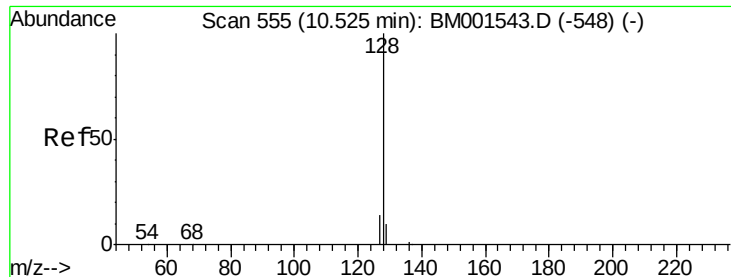
Ion 123.00 (122.70 to 123.70): BM001541.D (-418) (-)

Ion 65.00 (64.70 to 65.70): BM001541.D (-418) (-)

Time-->



Time-->



#9

Naphthalene

Concen: 4.76 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

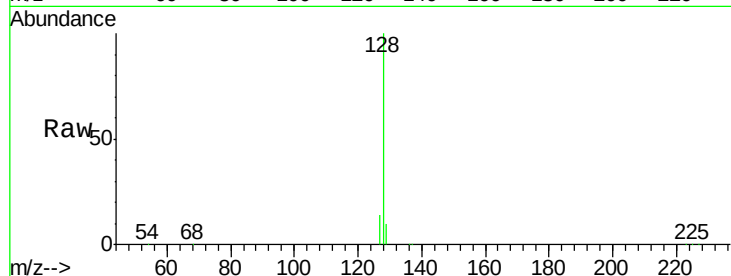
Tgt Ion:128 Resp: 96728

Ion Ratio Lower Upper

128 100

129 10.1 8.5 12.7

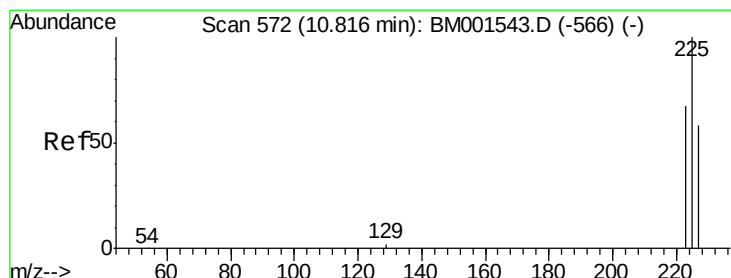
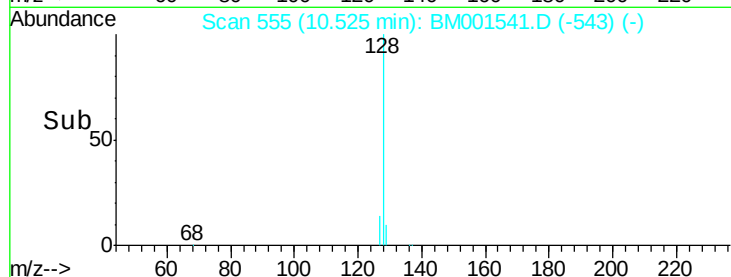
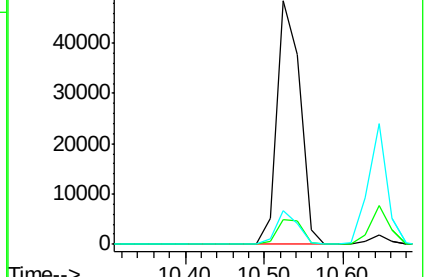
127 14.0 11.7 17.5



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: 4.71 ng

RT: 10.82 min Scan# 572

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

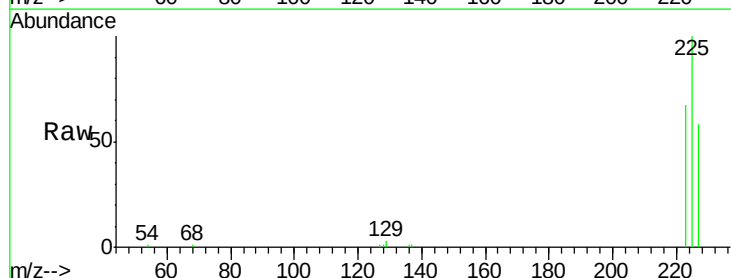
Tgt Ion:225 Resp: 16690

Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.2

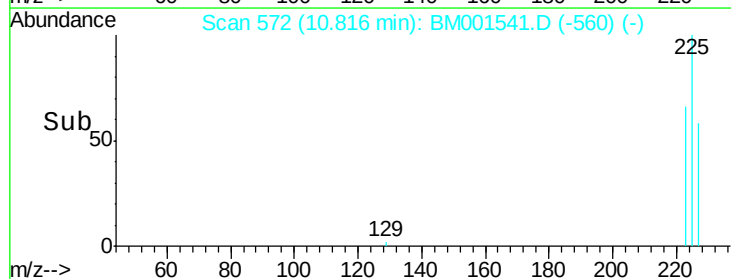
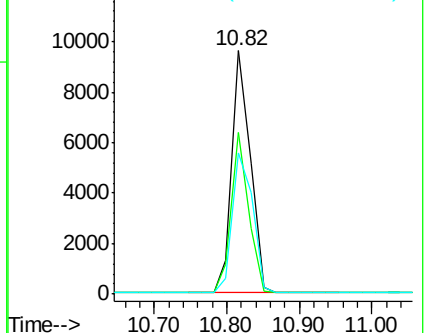
227 63.7 50.5 75.7

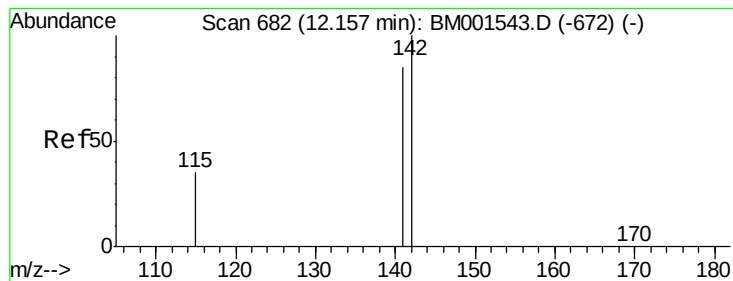


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.85 ng

RT: 12.16 min Scan# 682

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005

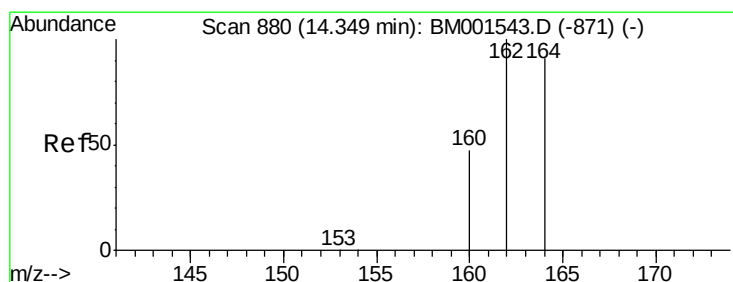
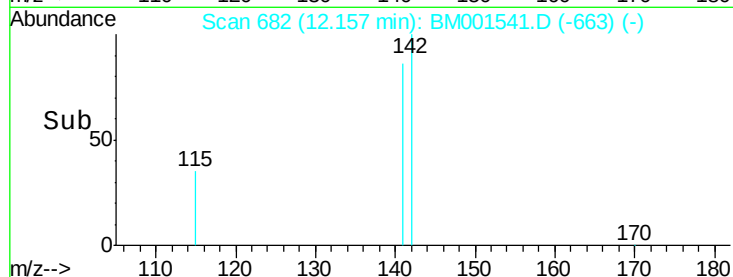
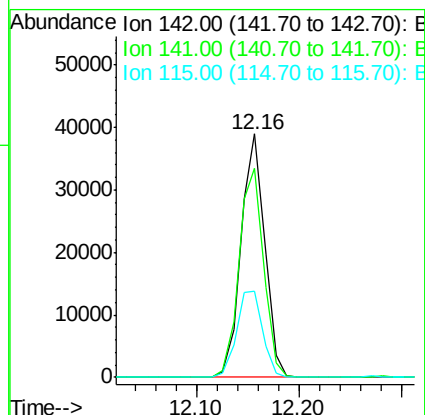
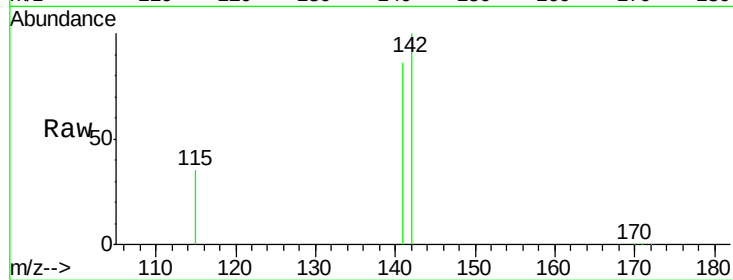
Tgt Ion:142 Resp: 61935

Ion Ratio Lower Upper

142 100

141 85.7 68.1 102.1

115 35.3 28.3 42.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

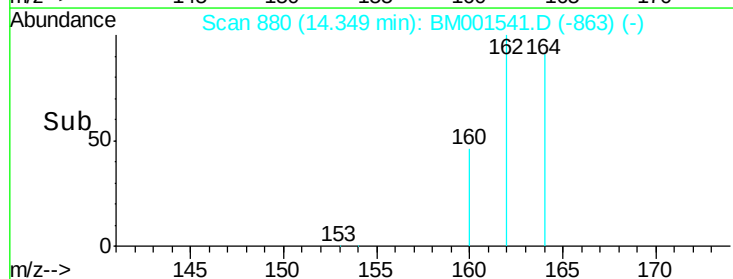
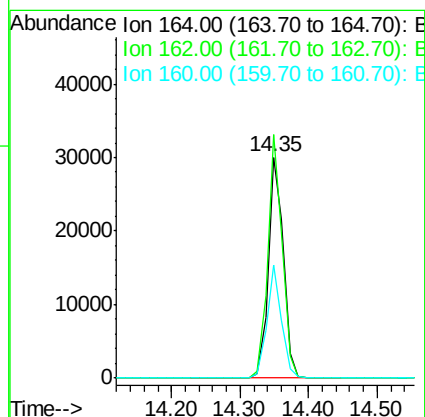
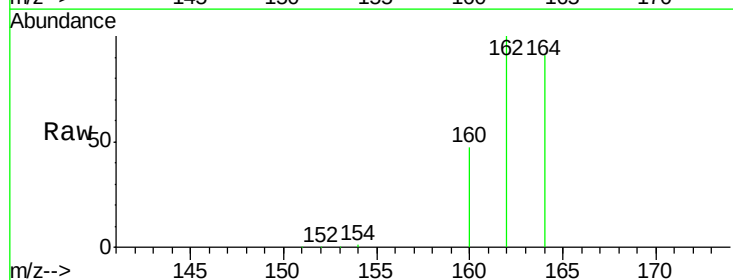
Tgt Ion:164 Resp: 46108

Ion Ratio Lower Upper

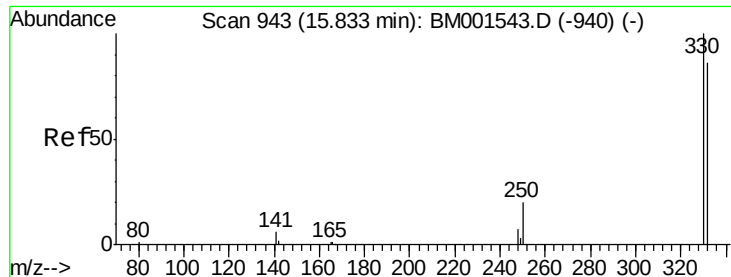
164 100

162 110.4 88.0 132.0

160 51.3 41.0 61.4



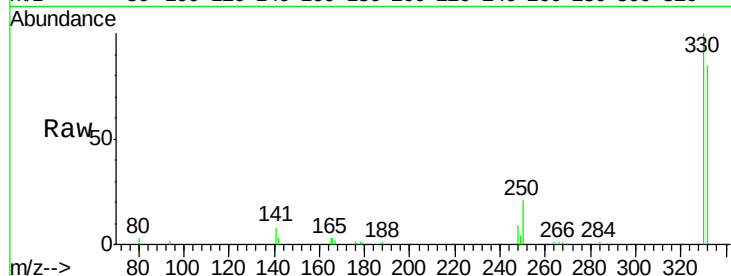




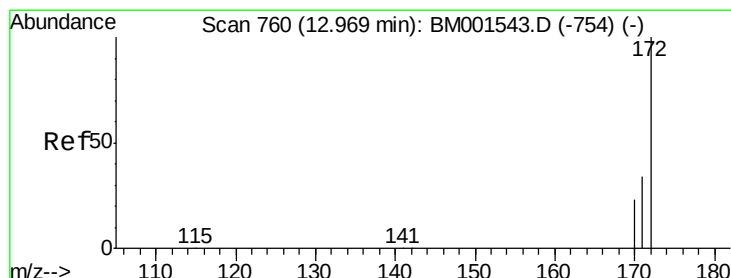
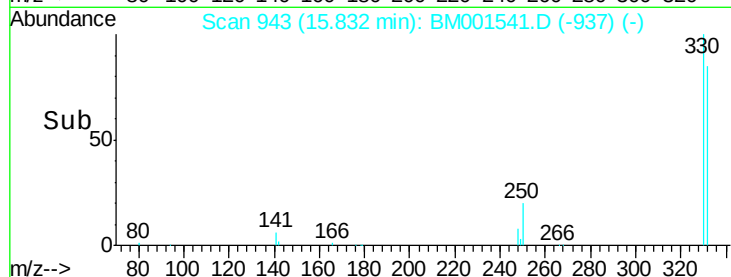
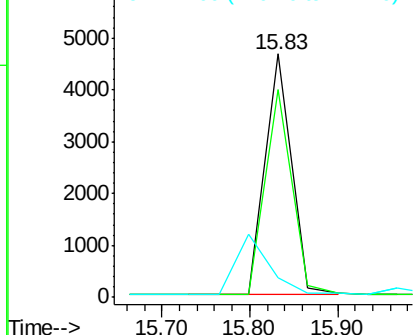
#13  
 2,4,6-Tribromophenol  
 Concen: 9.92 ng  
 RT: 15.83 min Scan# 943  
 Delta R.T. -0.00 min  
 Lab File: BM001541.D  
 Acq: 03 Jun 2015 19:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC005

Tgt Ion: 330 Resp: 9805  
 Ion Ratio Lower Upper  
 330 100  
 332 86.6 69.6 104.4  
 141 0.0 0.0 0.0

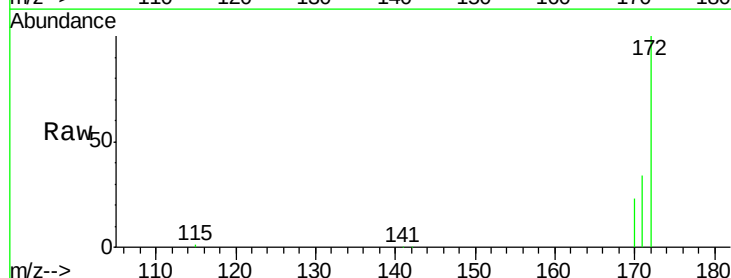


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

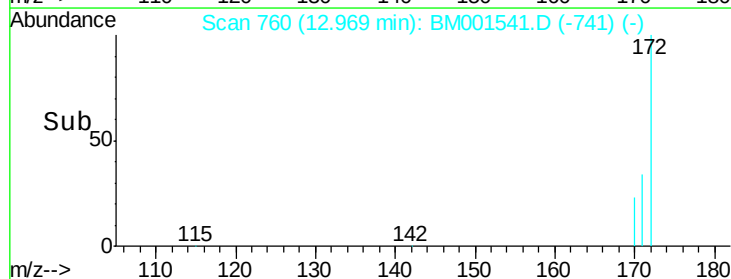
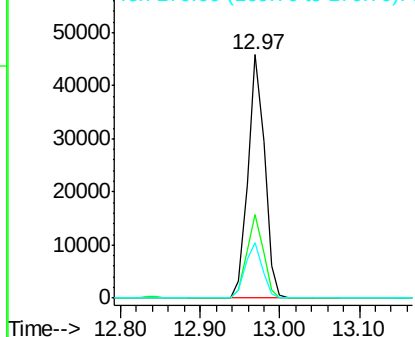


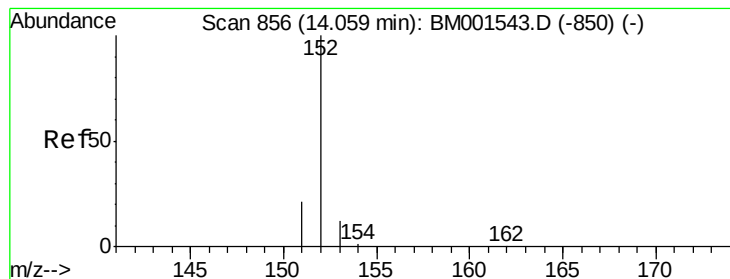
#14  
 2-Fluorobiphenyl  
 Concen: 4.81 ng  
 RT: 12.97 min Scan# 760  
 Delta R.T. -0.00 min  
 Lab File: BM001541.D  
 Acq: 03 Jun 2015 19:00

Tgt Ion: 172 Resp: 66465  
 Ion Ratio Lower Upper  
 172 100  
 171 34.4 27.6 41.4  
 170 22.8 18.4 27.6



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 5.25 ng

RT: 14.06 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

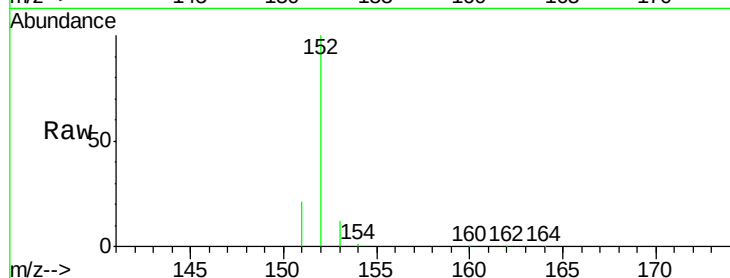
Tgt Ion:152 Resp: 103709

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9

153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

80000

60000

40000

20000

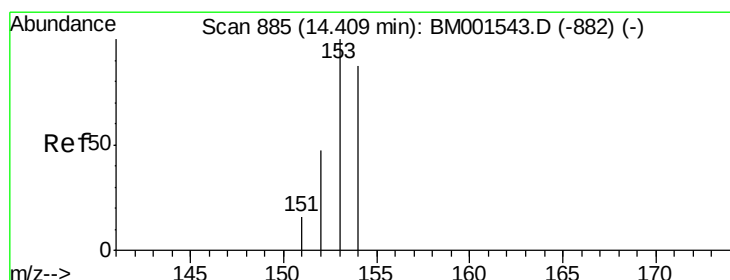
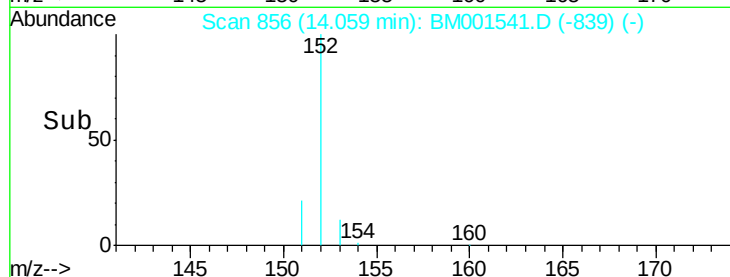
0

14.06

14.00

14.20

Time-->



#16

Acenaphthene

Concen: 4.95 ng

RT: 14.41 min Scan# 885

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

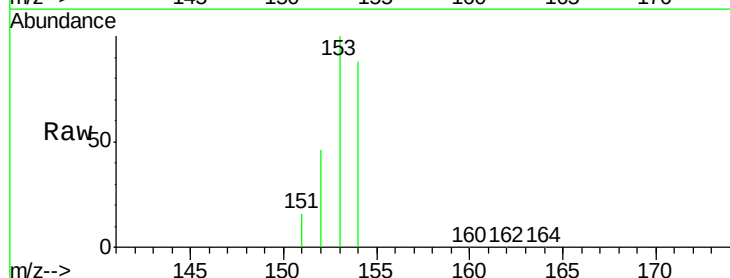
Tgt Ion:154 Resp: 60625

Ion Ratio Lower Upper

154 100

153 108.2 89.8 134.8

152 51.3 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

60000

50000

40000

30000

20000

10000

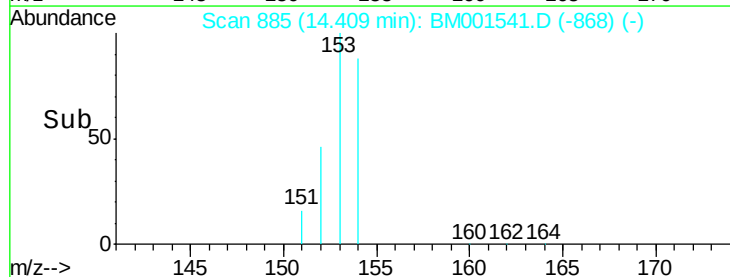
0

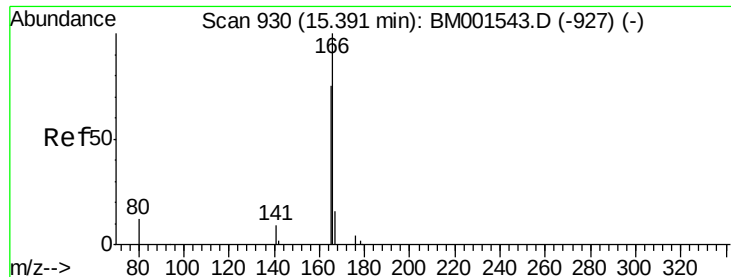
14.41

14.20

14.60

Time-->

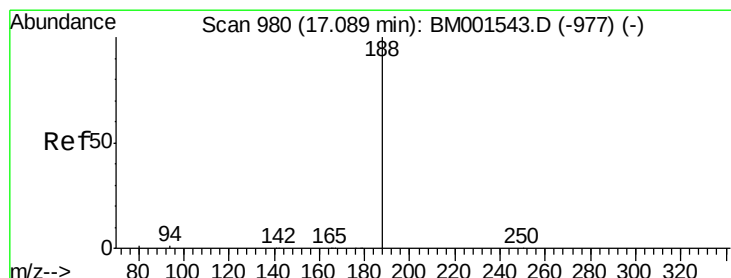
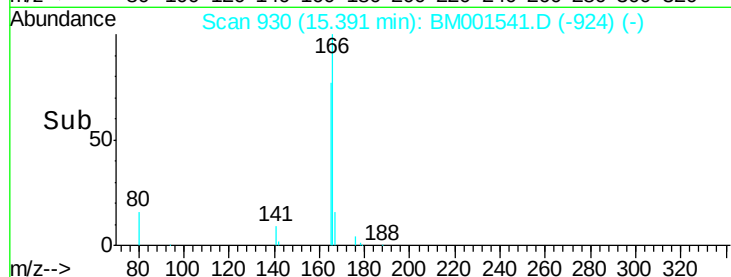
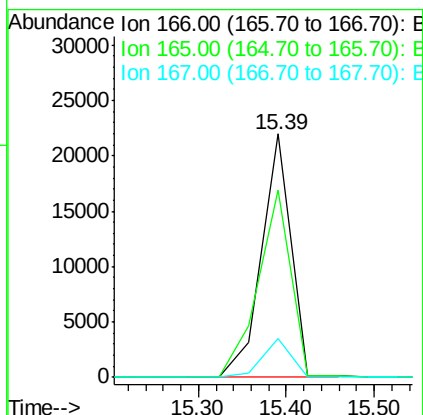
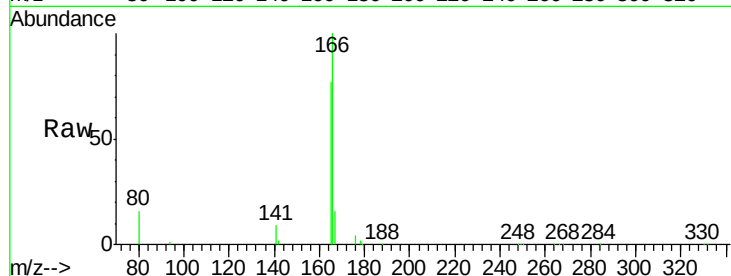




#17  
 Fluorene  
 Concen: 2.66 ng  
 RT: 15.39 min Scan# 930  
 Delta R.T. -0.00 min  
 Lab File: BM001541.D  
 Acq: 03 Jun 2015 19:00

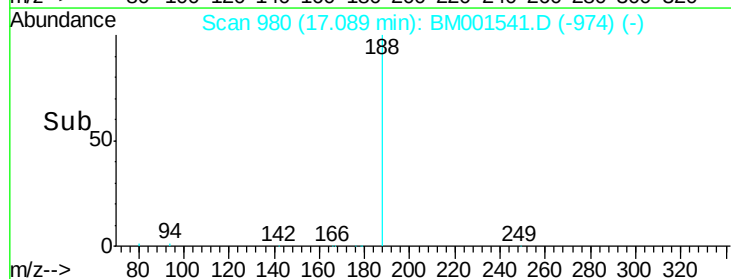
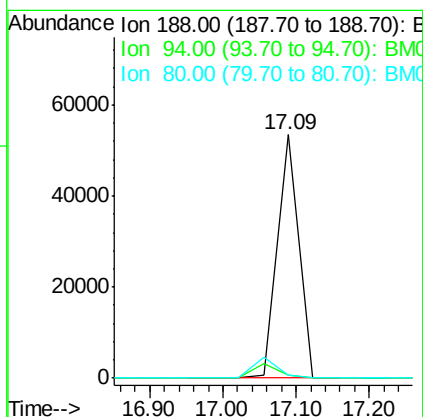
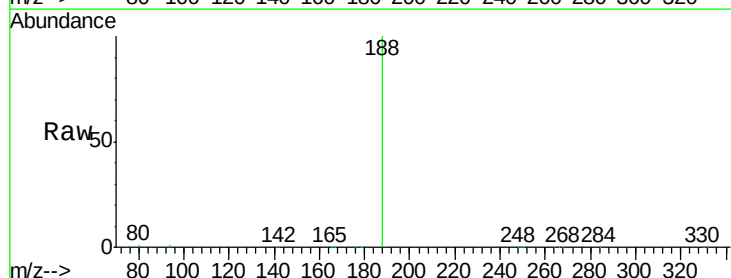
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC005

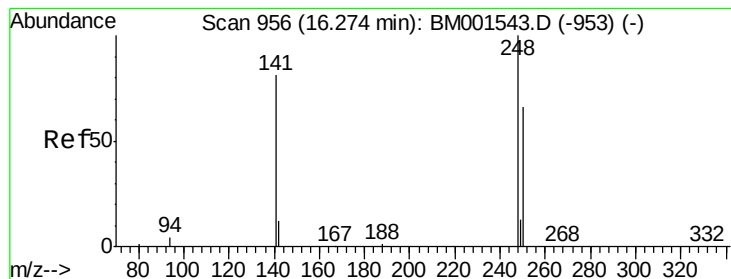
Tgt Ion:166 Resp: 51201  
 Ion Ratio Lower Upper  
 166 100  
 165 85.8 68.2 102.2  
 167 14.9 12.1 18.1



#18  
 Phenanthrene-d10  
 Concen: 5.00 ng  
 RT: 17.09 min Scan# 980  
 Delta R.T. -0.00 min  
 Lab File: BM001541.D  
 Acq: 03 Jun 2015 19:00

Tgt Ion:188 Resp: 110458  
 Ion Ratio Lower Upper  
 188 100  
 94 1.3 1.0 1.4  
 80 1.2 0.8 1.2#





#19

4-Bromophenyl-phenylether

Concen: 10.55 ng

RT: 16.27 min Scan# 956

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

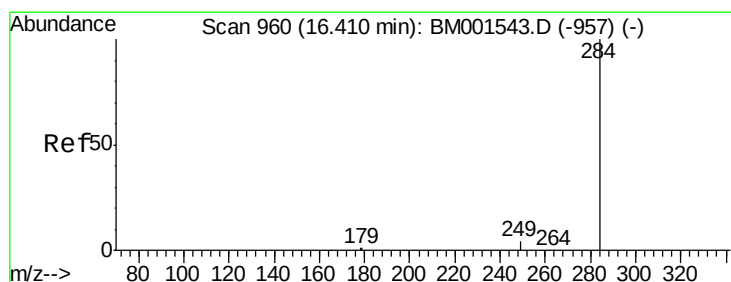
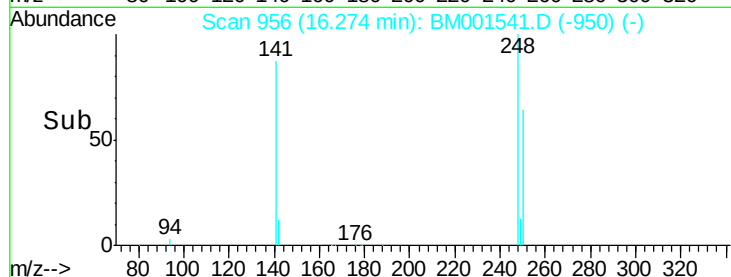
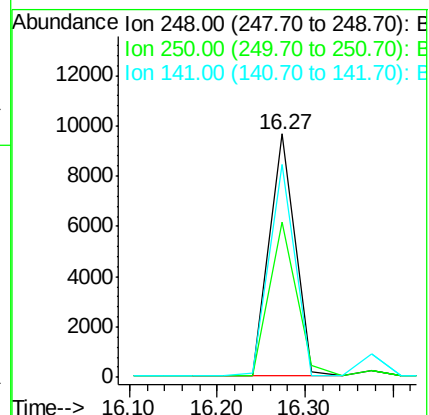
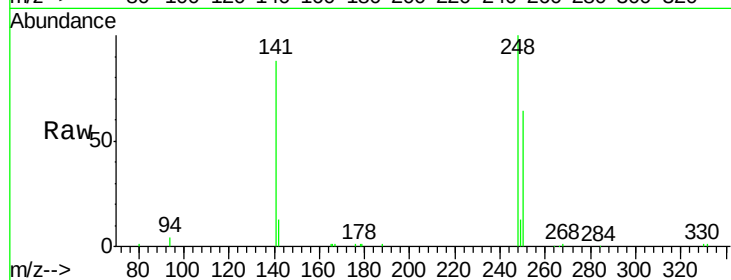
Tgt Ion:248 Resp: 19970

Ion Ratio Lower Upper

248 100

250 66.9 55.2 82.8

141 87.1 64.7 97.1



#20

Hexachlorobenzene

Concen: 2.79 ng

RT: 16.41 min Scan# 960

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

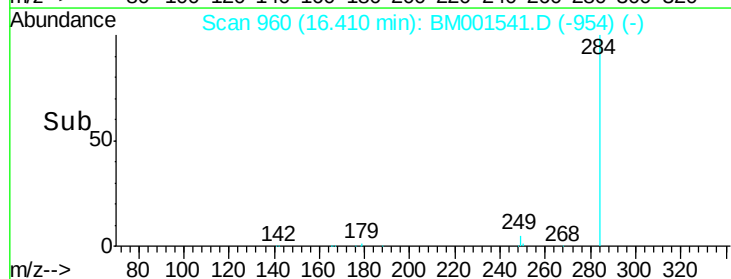
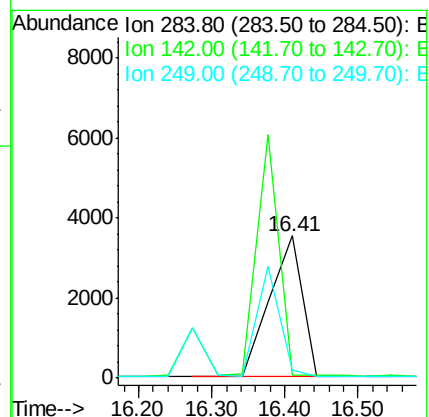
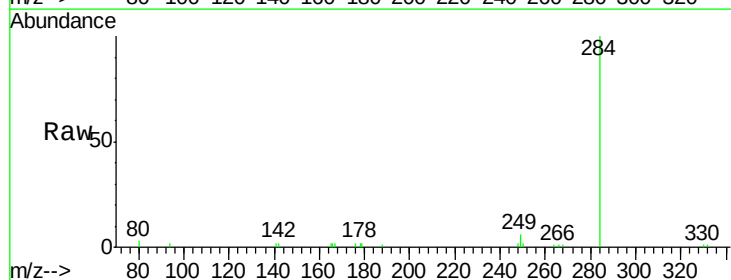
Tgt Ion:284 Resp: 10930

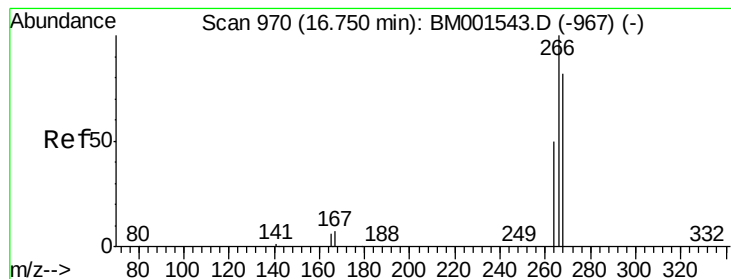
Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

249 0.0 0.0 0.0





#21

Pentachlorophenol

Concen: 4.39 ng

RT: 16.75 min Scan# 970

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005

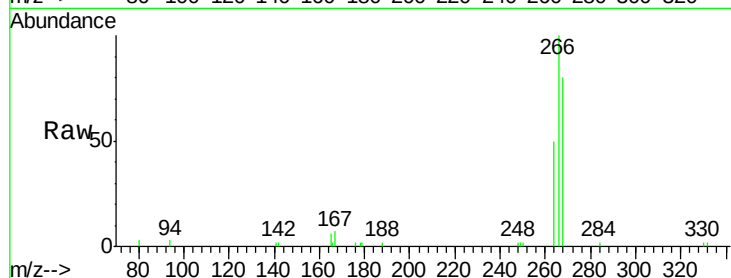
Tgt Ion:266 Resp: 7524

Ion Ratio Lower Upper

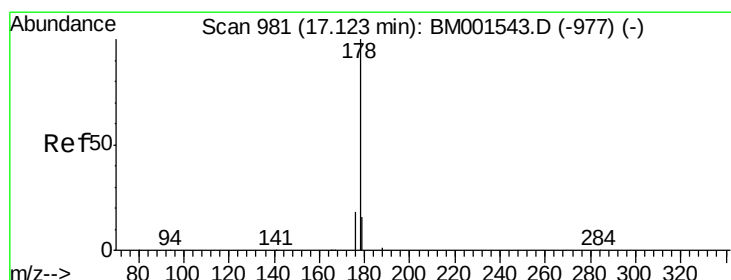
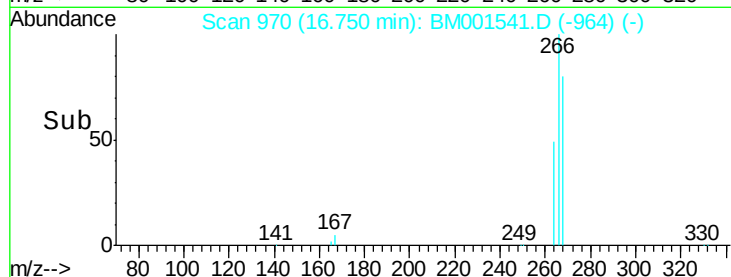
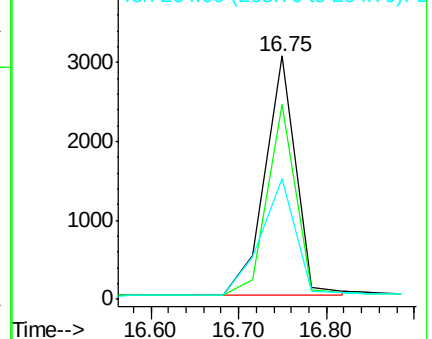
266 100

268 79.9 67.2 100.8

264 49.5 43.7 65.5



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



#22

Phenanthrene

Concen: 7.14 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

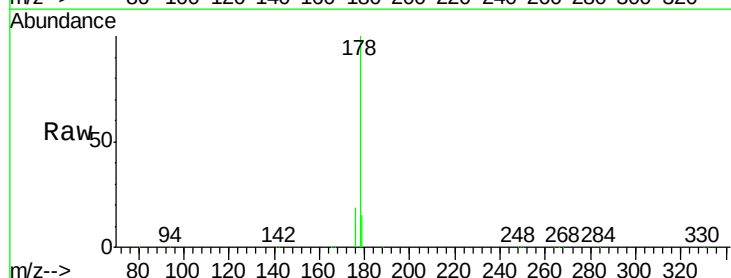
Tgt Ion:178 Resp: 150170

Ion Ratio Lower Upper

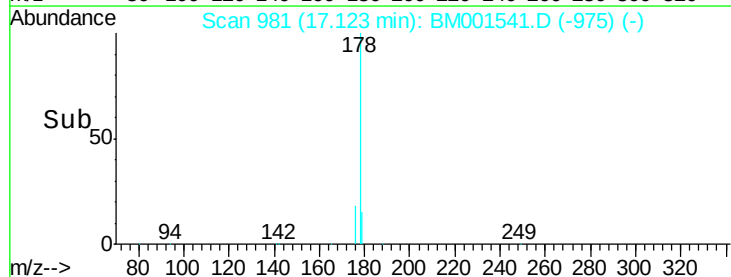
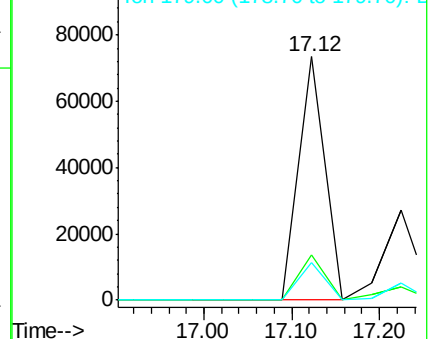
178 100

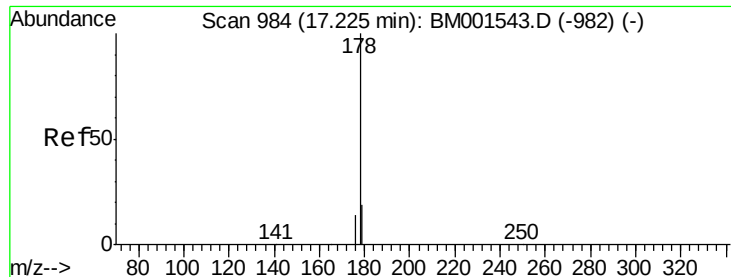
176 18.5 14.7 22.1

179 15.5 12.7 19.1



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

Anthracene

Concen: 2.50 ng

RT: 17.23 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

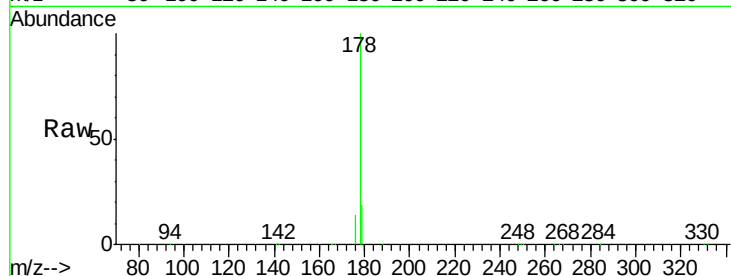
Tgt Ion:178 Resp: 55637

Ion Ratio Lower Upper

178 100

176 0.0 36.6 54.8#

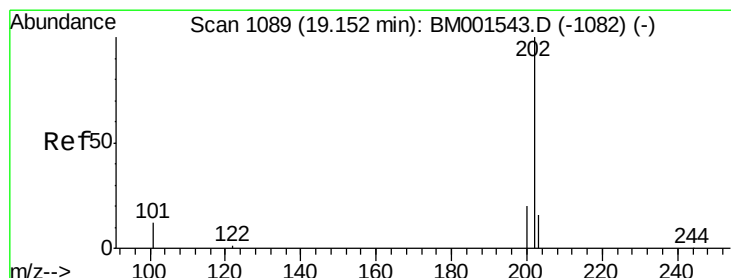
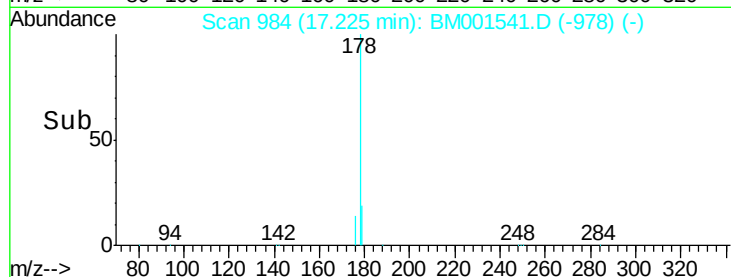
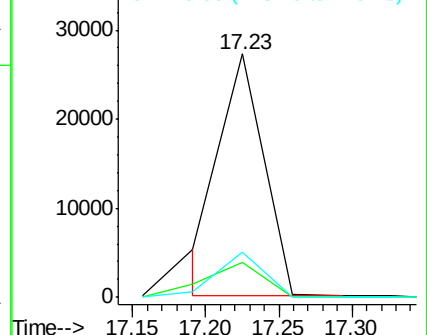
179 18.6 28.7 43.1#



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



#24

Fluoranthene

Concen: 5.49 ng

RT: 19.15 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

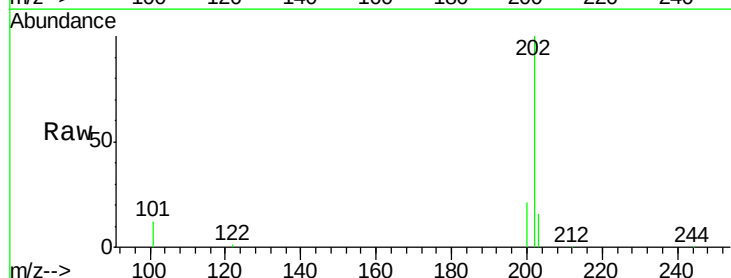
Tgt Ion:202 Resp: 109117

Ion Ratio Lower Upper

202 100

101 13.0 10.2 15.2

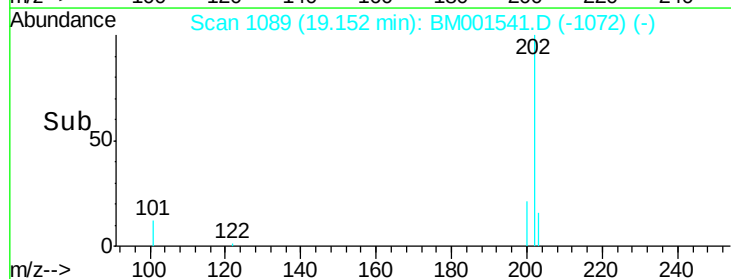
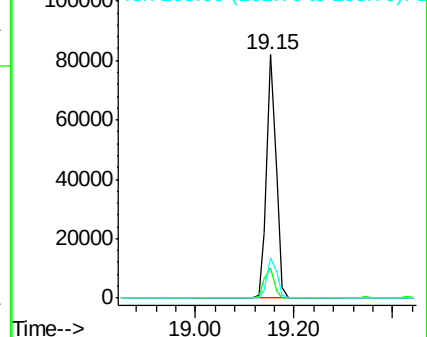
203 17.2 13.8 20.8

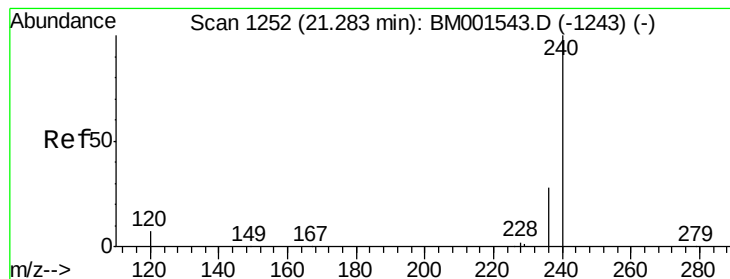


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

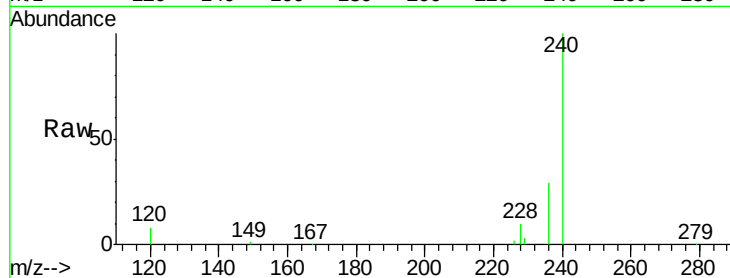
Tgt Ion:240 Resp: 76793

Ion Ratio Lower Upper

240 100

120 8.5 5.6 8.4#

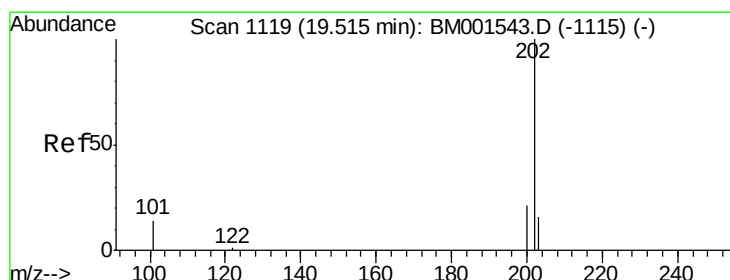
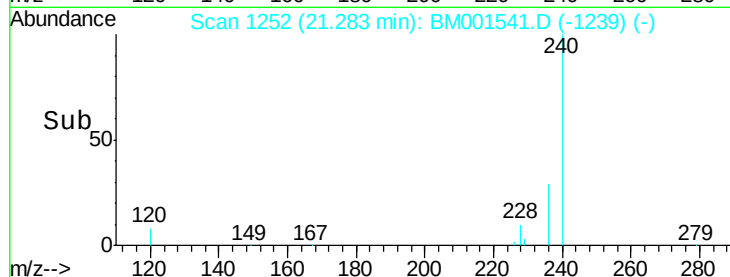
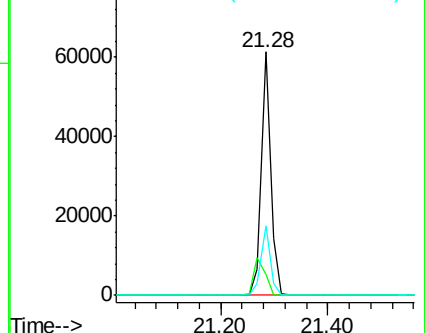
236 28.8 22.4 33.6



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



#26

Pyrene

Concen: 4.89 ng

RT: 19.52 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

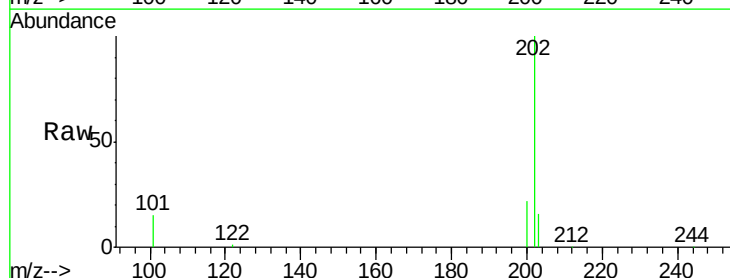
Tgt Ion:202 Resp: 114037

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

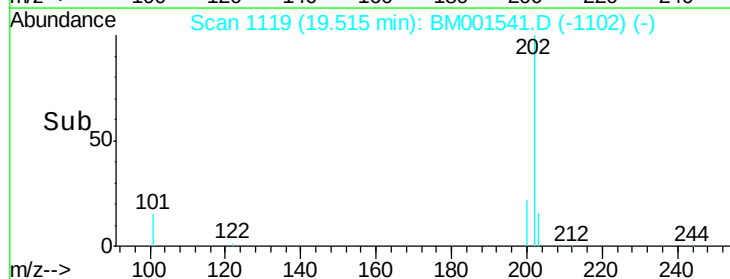
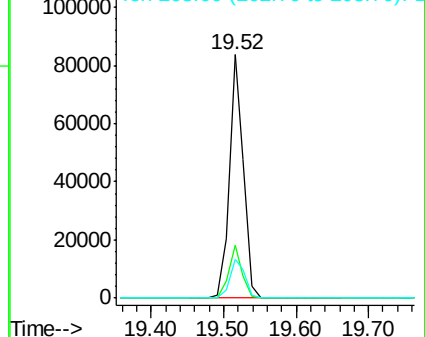
203 17.3 13.8 20.8

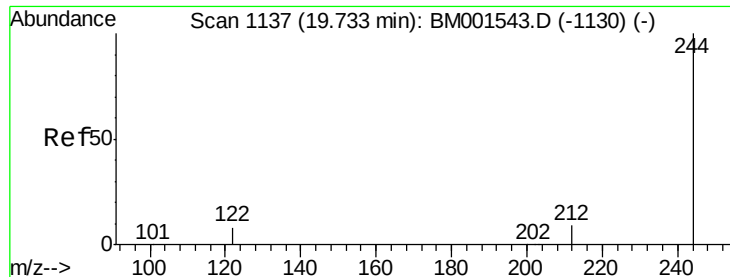


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 4.84 ng

RT: 19.73 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

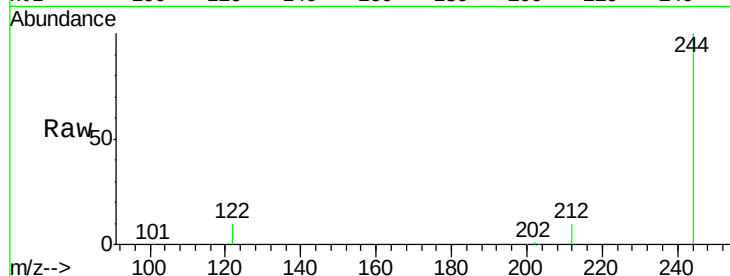
Tgt Ion:244 Resp: 45944

Ion Ratio Lower Upper

244 100

212 9.5 8.0 12.0

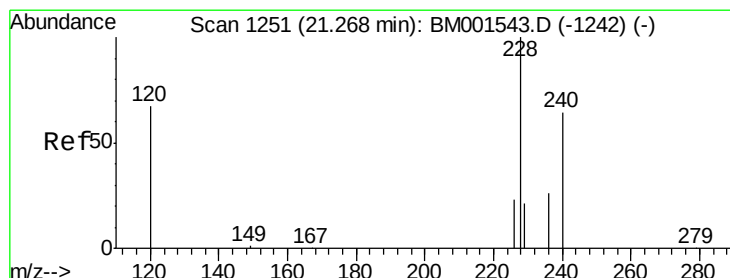
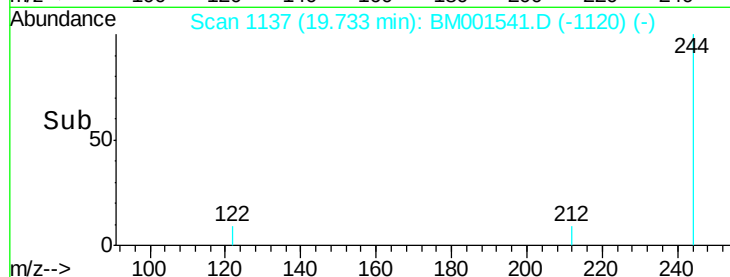
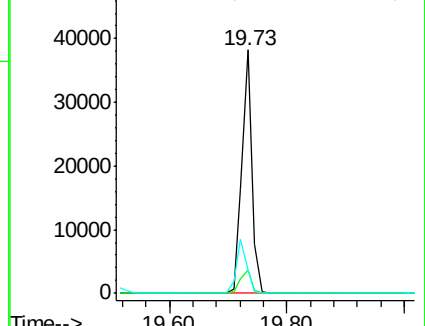
122 9.6 7.3 10.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 4.93 ng

RT: 21.27 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

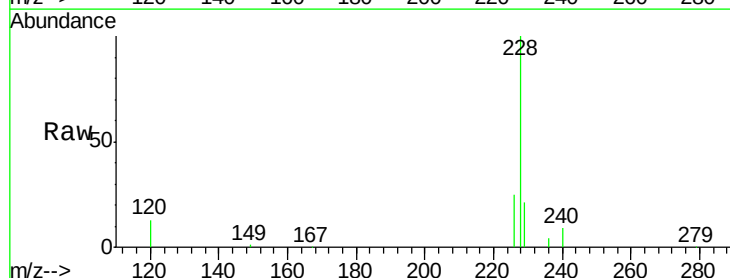
Tgt Ion:228 Resp: 102410

Ion Ratio Lower Upper

228 100

226 24.6 19.0 28.4

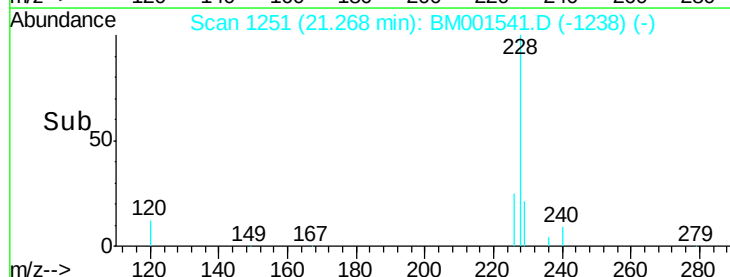
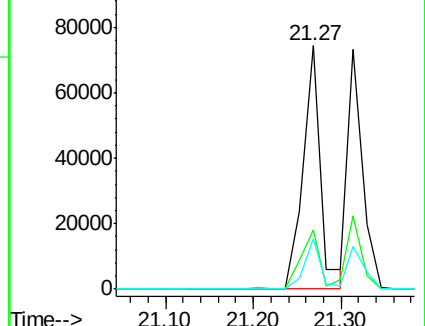
229 20.7 16.9 25.3



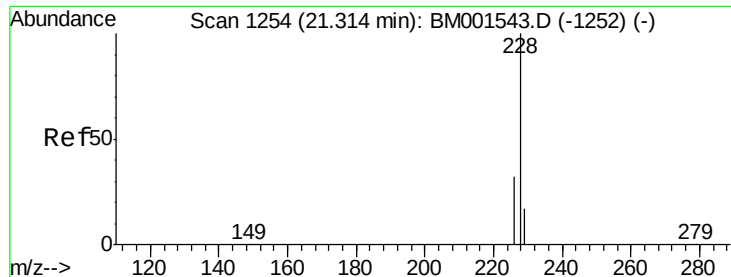
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E







#29

Chrysene

Concen: 4.43 ng

RT: 21.31 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005

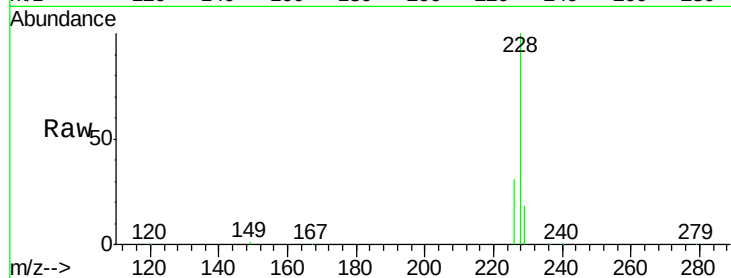
Tgt Ion:228 Resp: 86788

Ion Ratio Lower Upper

228 100

226 30.7 25.2 37.8

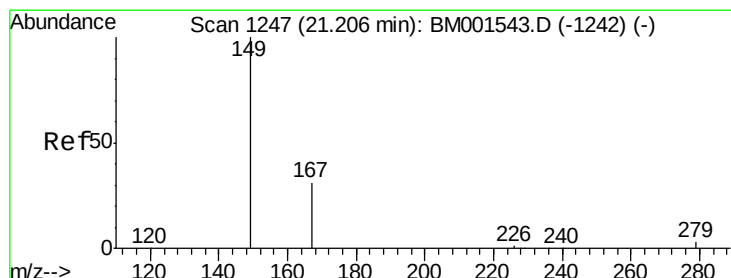
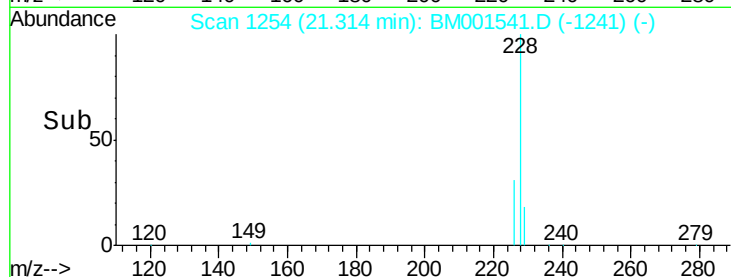
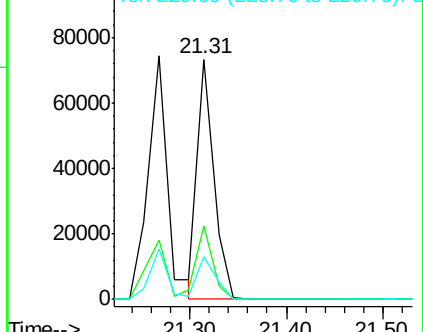
229 17.8 14.7 22.1



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 5.33 ng

RT: 21.21 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

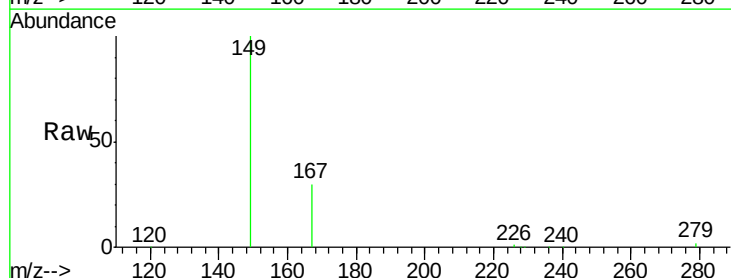
Tgt Ion:149 Resp: 79152

Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

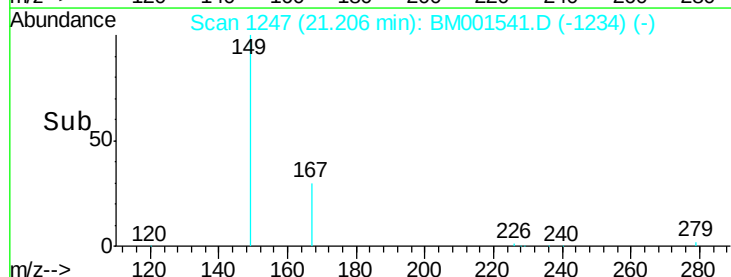
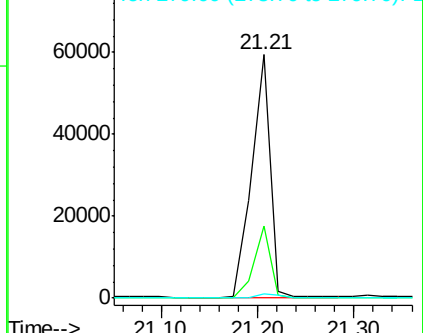
279 2.0 1.7 2.5

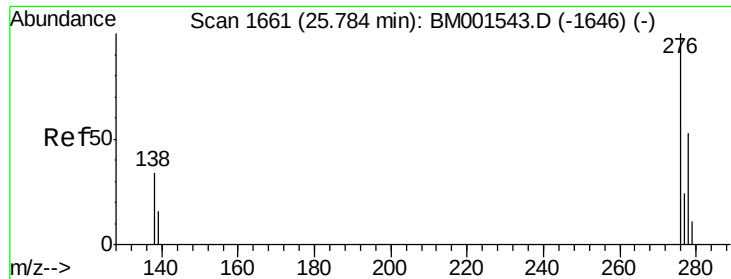


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 4.67 ng

RT: 25.78 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

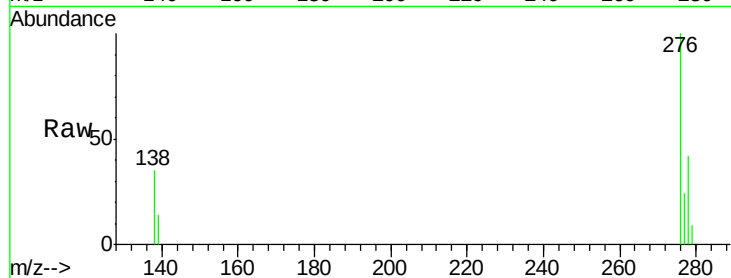
Tgt Ion: 276 Resp: 101115

Ion Ratio Lower Upper

276 100

138 35.8 28.3 42.5

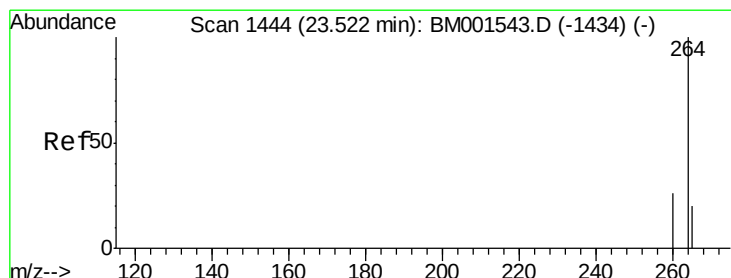
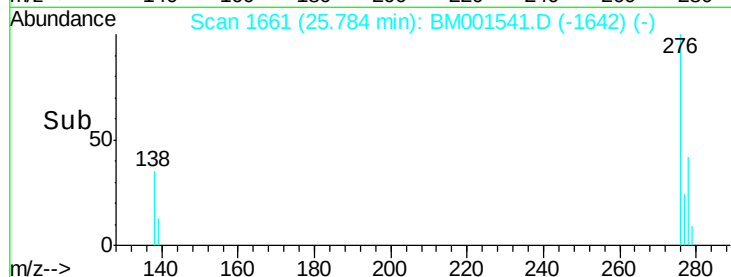
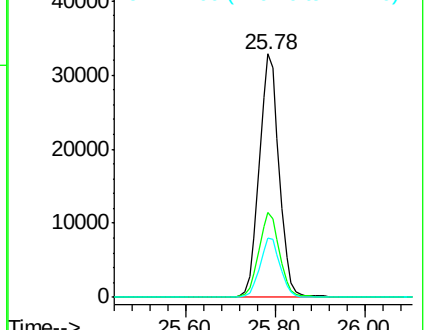
277 24.6 19.6 29.4



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.53 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

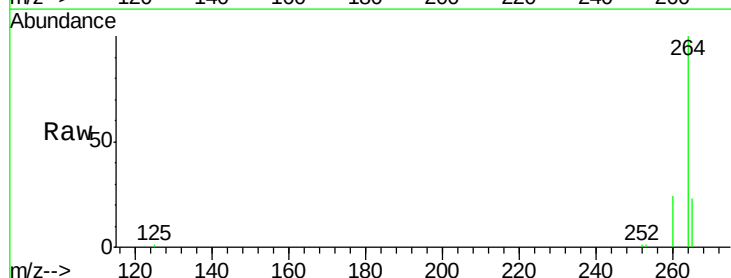
Tgt Ion: 264 Resp: 73442

Ion Ratio Lower Upper

264 100

260 23.9 21.1 31.7

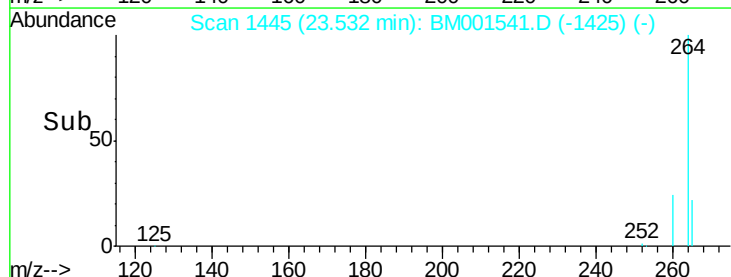
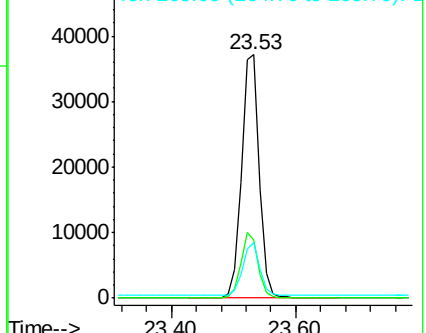
265 23.0 17.1 25.7

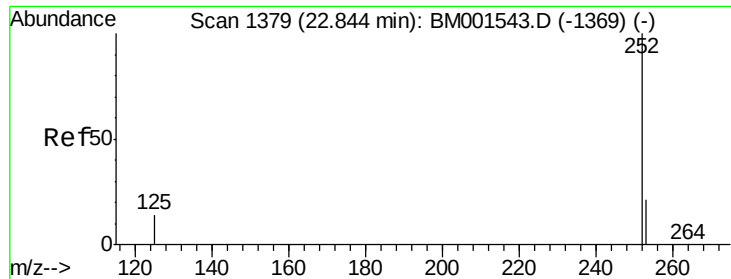


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 4.42 ng

RT: 22.84 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

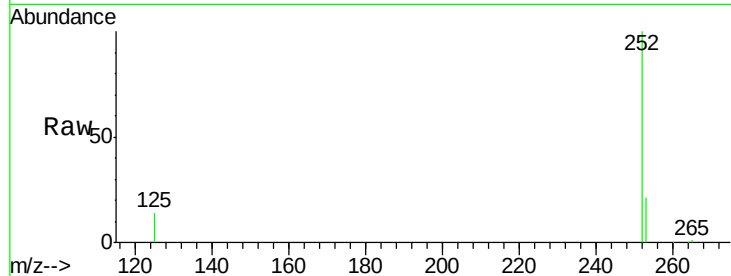
Tgt Ion:252 Resp: 91771

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.6

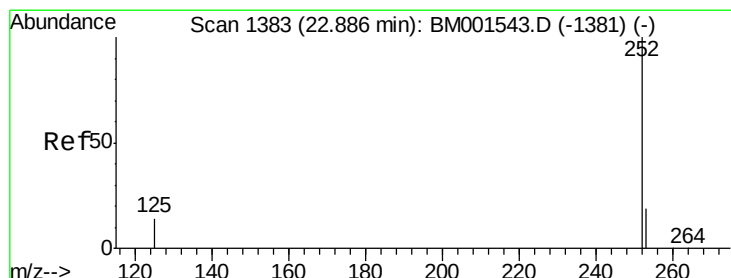
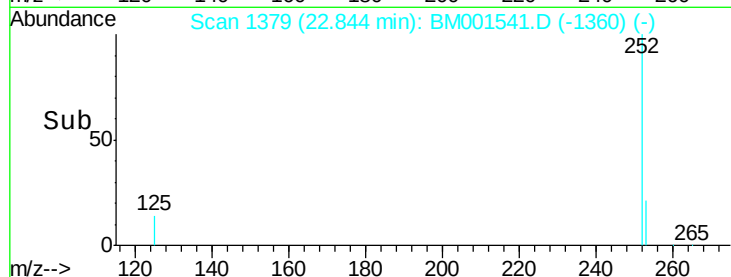
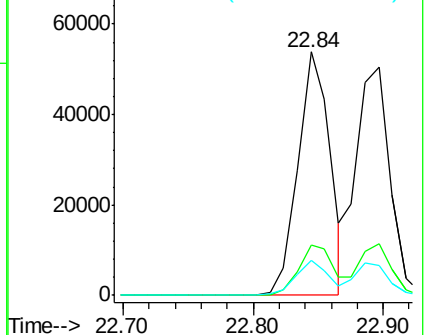
125 14.4 12.5 18.7



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



#34

Benzo(k)fluoranthene

Concen: 4.88 ng

RT: 22.90 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

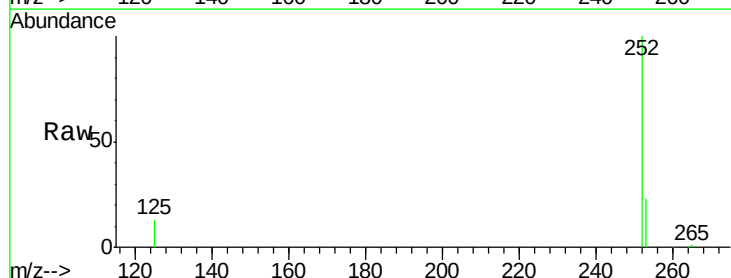
Tgt Ion:252 Resp: 90332

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

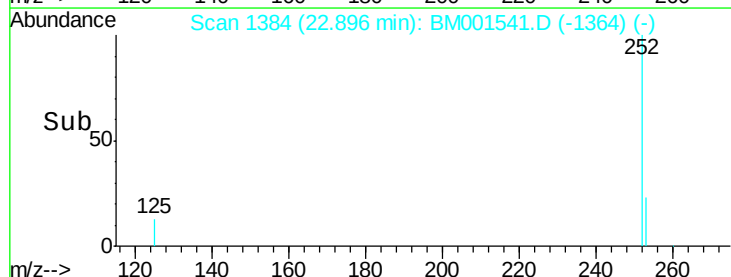
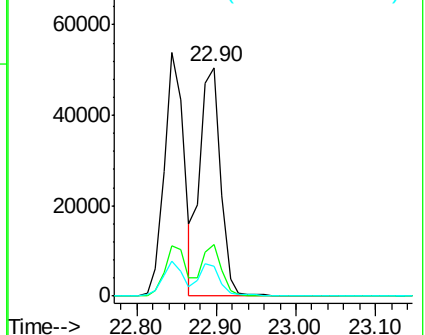
125 13.1 12.5 18.7

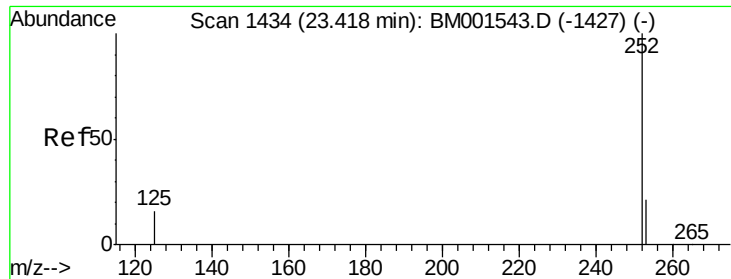


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 4.78 ng

RT: 23.43 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

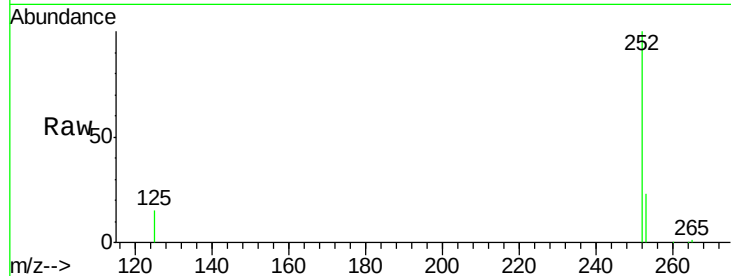
Tgt Ion:252 Resp: 85778

Ion Ratio Lower Upper

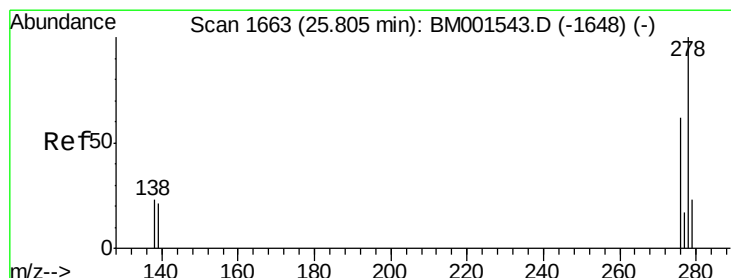
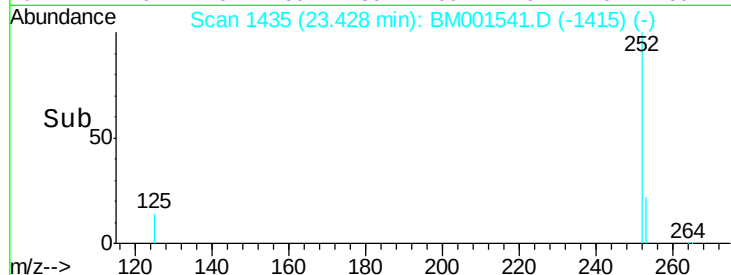
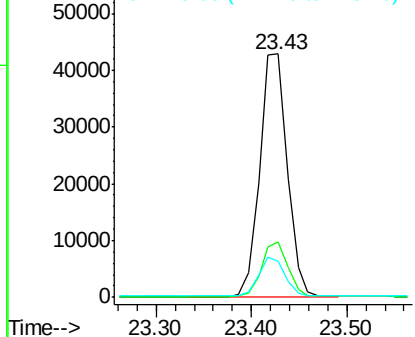
252 100

253 22.7 17.6 26.4

125 14.7 14.3 21.5



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



#36

Dibenzo(a,h)anthracene

Concen: 4.48 ng

RT: 25.80 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BM001541.D

Acq: 03 Jun 2015 19:00

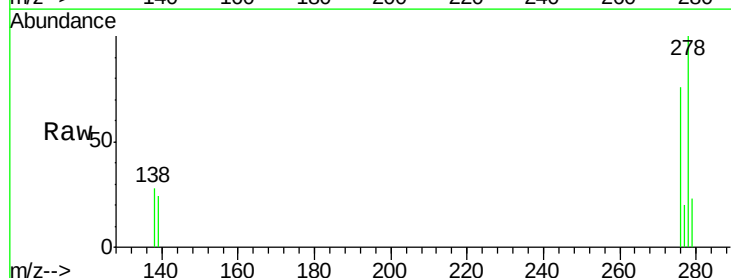
Tgt Ion:278 Resp: 79369

Ion Ratio Lower Upper

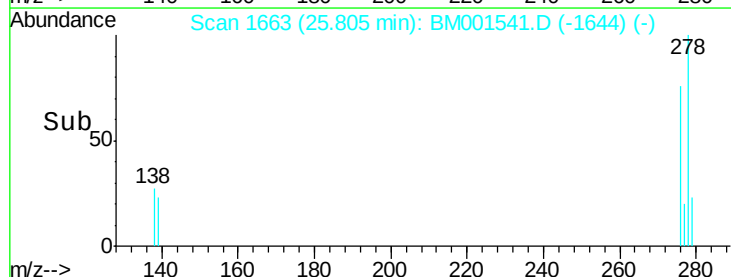
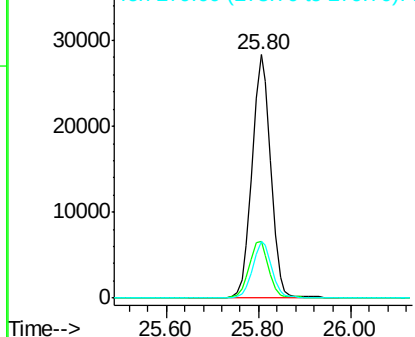
278 100

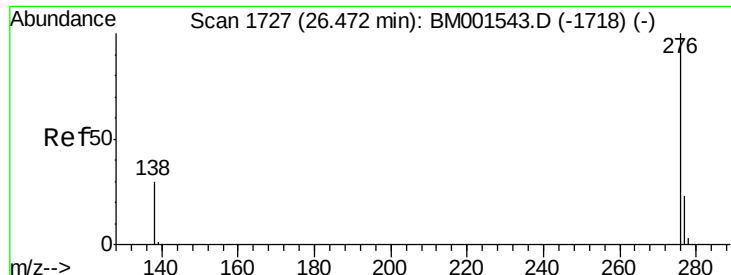
139 23.5 18.0 27.0

279 23.2 19.8 29.8



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





#37

Benzo(g,h,i)perylene

Concen: 4.44 ng

RT: 26.48 min Scan# 1728

Delta R.T. 0.01 min

Lab File: BM001541.D

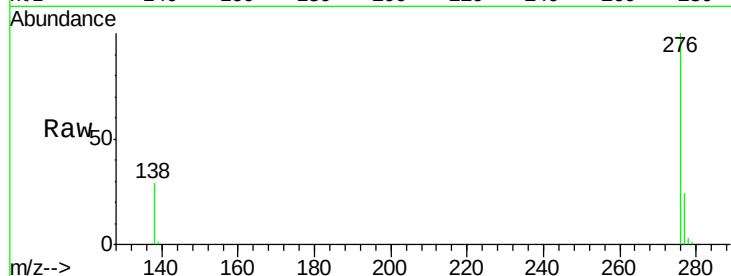
Acq: 03 Jun 2015 19:00

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005



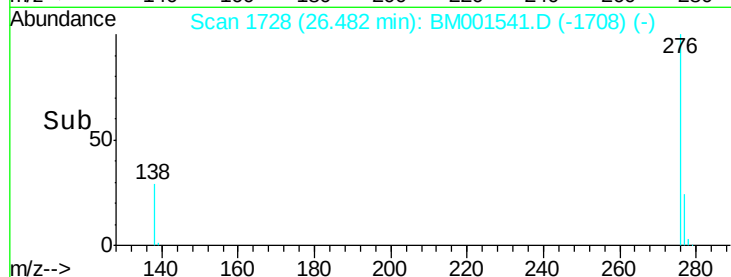
Tgt Ion: 276 Resp: 82211

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 29.4 25.0 37.6



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

