

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE030316\  
 Data File : BE091431.D  
 Acq On : 3 Mar 2016 20:22  
 Operator : UM/IZ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Mar 04 07:58:33 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIM-BE030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 04 06:35:39 2016  
 Response via : Initial Calibration

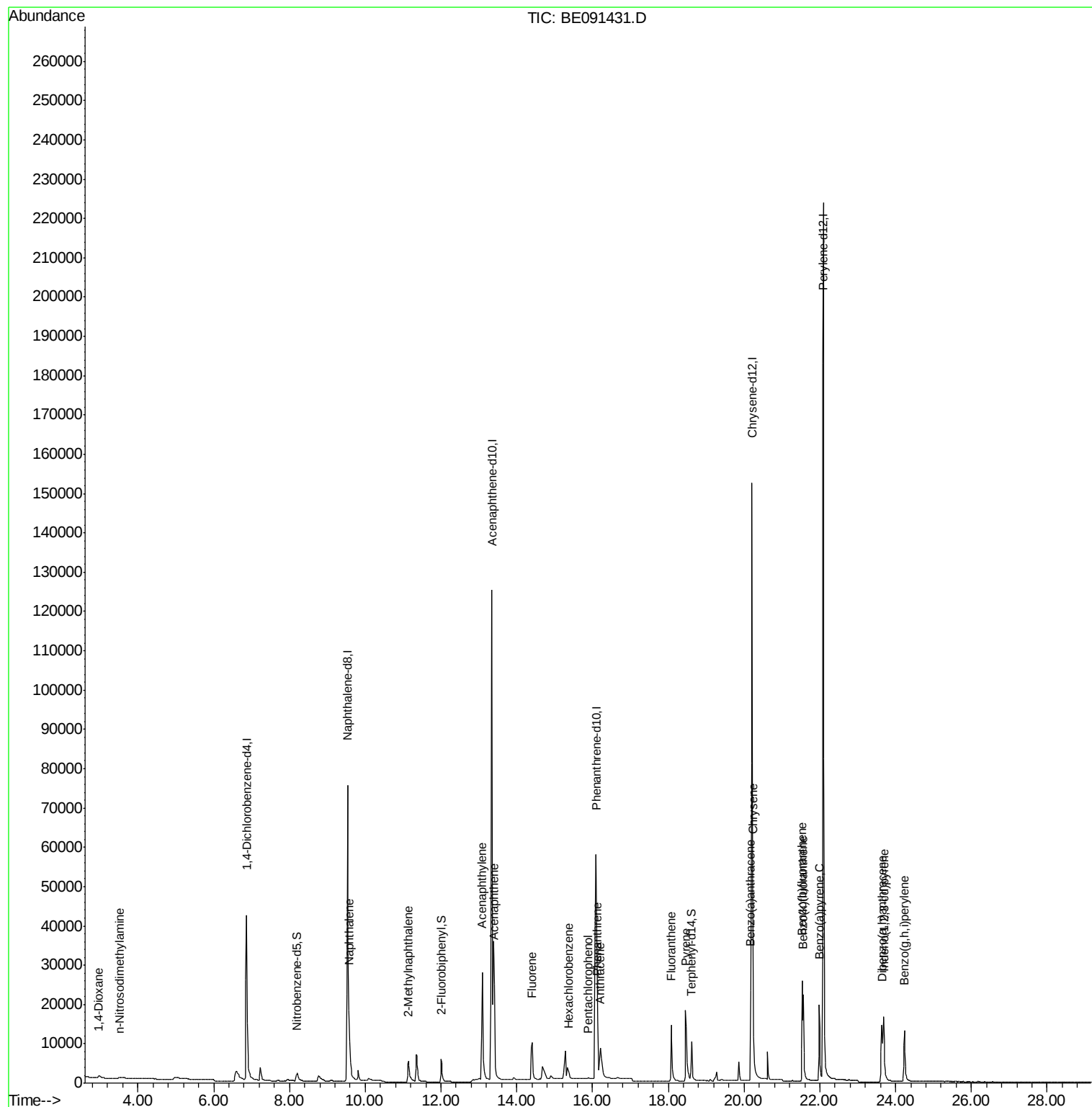
| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 31089    | 5.00 | ng    | 0.00     |
| 4) Naphthalene-d8           | 9.53  | 136  | 145071   | 5.00 | ng    | 0.00     |
| 8) Acenaphthene-d10         | 13.34 | 164  | 86996    | 5.00 | ng    | 0.00     |
| 13) Phenanthrene-d10        | 16.10 | 188  | 137322   | 5.00 | ng    | 0.00     |
| 19) Chrysene-d12            | 20.21 | 240  | 237670   | 5.00 | ng    | 0.00     |
| 25) Perylene-d12            | 22.09 | 264  | 272786   | 5.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |      |       |          |
| 5) Nitrobenzene-d5          | 8.18  | 82   | 2775     | 0.40 | ng    | 0.00     |
| 9) 2-Fluorobiphenyl         | 12.00 | 172  | 8351     | 0.40 | ng    | 0.00     |
| 21) Terphenyl-d14           | 18.61 | 244  | 14396    | 0.40 | ng    | 0.00     |
| Target Compounds            |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane              | 2.97  | 88   | 1096     | 0.40 | ng    | 87       |
| 3) n-Nitrosodimethylamine   | 3.52  | 42   | 1001     | 0.42 | ng    | # 89     |
| 6) Naphthalene              | 9.57  | 128  | 14418    | 0.43 | ng    | 100      |
| 7) 2-Methylnaphthalene      | 11.14 | 142  | 7466m    | 0.38 | ng    |          |
| 10) Acenaphthylene          | 13.09 | 152  | 52960    | 0.36 | ng    | 100      |
| 11) Acenaphthene            | 13.41 | 154  | 10053    | 0.38 | ng    | # 100    |
| 12) Fluorene                | 14.41 | 166  | 12026    | 0.36 | ng    | # 12     |
| 14) Hexachlorobenzene       | 15.38 | 284  | 2731     | 0.34 | ng    | # 100    |
| 15) Pentachlorophenol       | 15.89 | 266  | 342      | 0.63 | ng    | 96       |
| 16) Phenanthrene            | 16.13 | 178  | 19344    | 0.40 | ng    | 99       |
| 17) Anthracene              | 16.20 | 178  | 21320m   | 0.37 | ng    |          |
| 18) Fluoranthene            | 18.07 | 202  | 24200    | 0.37 | ng    | 99       |
| 20) Pyrene                  | 18.46 | 202  | 25892    | 0.38 | ng    | 99       |
| 22) Benzo(a)anthracene      | 20.17 | 228  | 28374    | 0.35 | ng    | 99       |
| 23) Chrysene                | 20.23 | 228  | 36198    | 0.41 | ng    | 100      |
| 24) Indeno(1,2,3-cd)pyrene  | 23.69 | 276  | 27353m   | 0.38 | ng    |          |
| 26) Benzo(b)fluoranthene    | 21.53 | 252  | 26271m   | 0.35 | ng    |          |
| 27) Benzo(k)fluoranthene    | 21.56 | 252  | 32785m   | 0.44 | ng    |          |
| 28) Benzo(a)pyrene          | 21.99 | 252  | 24972    | 0.38 | ng    | 99       |
| 29) Dibenzo(a,h)anthracene  | 23.64 | 278  | 23943    | 0.38 | ng    | 99       |
| 30) Benzo(g,h,i)perylene    | 24.23 | 276  | 26437    | 0.39 | ng    | 99       |

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.87 min Scan# 246

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

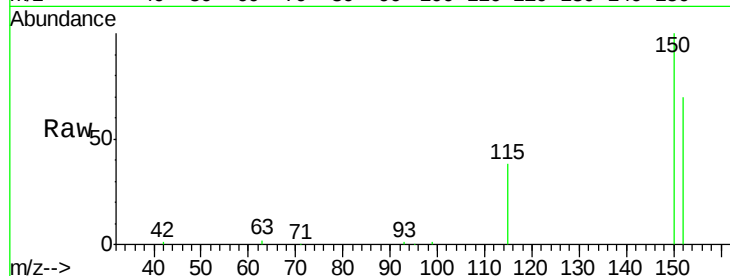
Tgt Ion:152 Resp: 31089

Ion Ratio Lower Upper

152 100

150 143.8 115.0 172.4

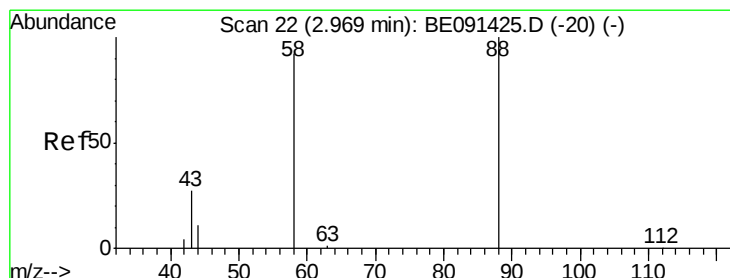
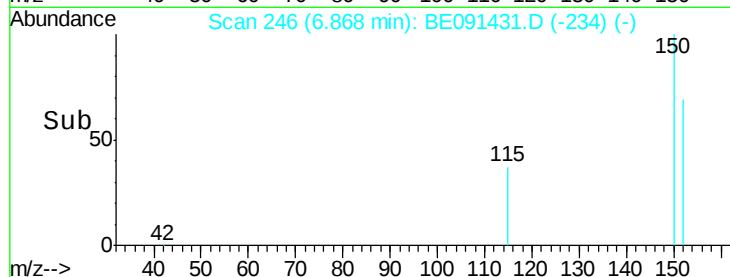
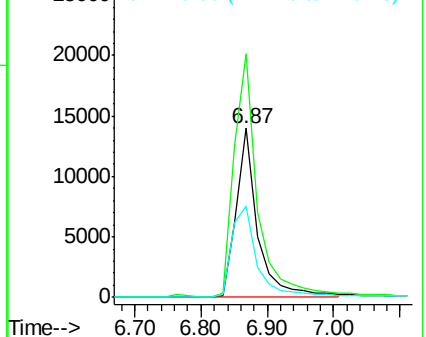
115 54.1 42.2 63.4



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: 0.40 ng

RT: 2.97 min Scan# 22

Delta R.T. -0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

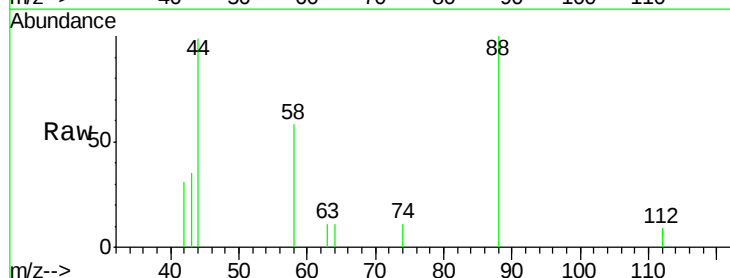
Tgt Ion: 88 Resp: 1096

Ion Ratio Lower Upper

88 100

58 104.7 97.9 146.9

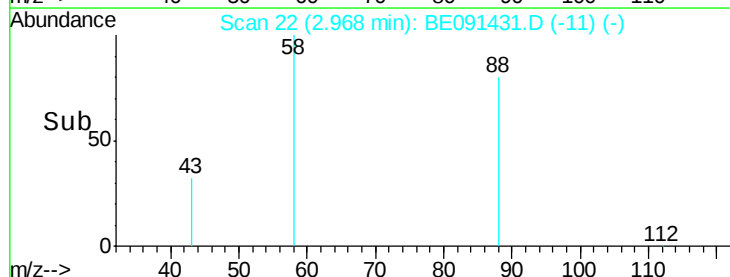
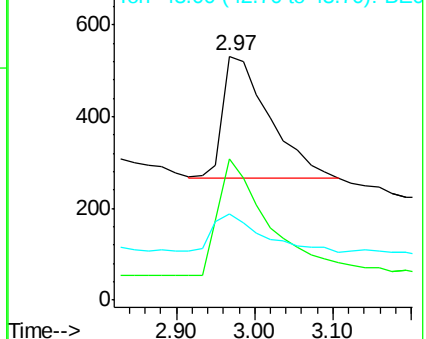
43 33.6 29.0 43.4

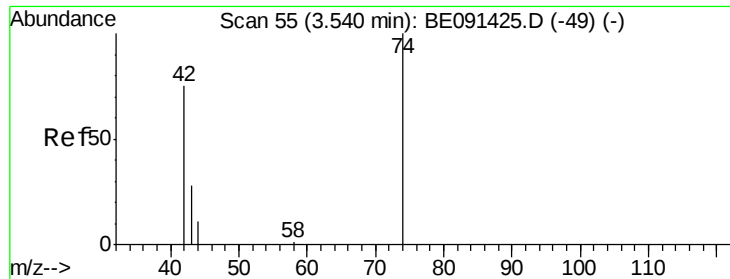


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.42 ng

RT: 3.52 min Scan# 54

Delta R.T. -0.02 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

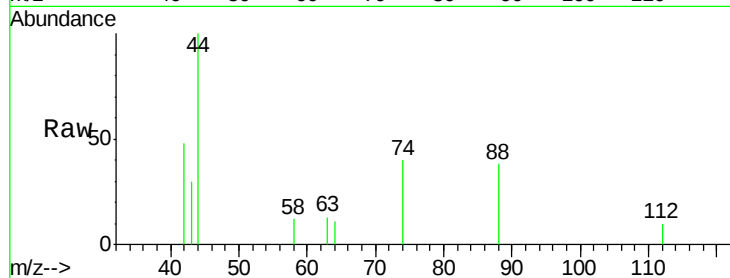
Tgt Ion: 42 Resp: 1001

Ion Ratio Lower Upper

42 100

74 129.2 93.8 140.6

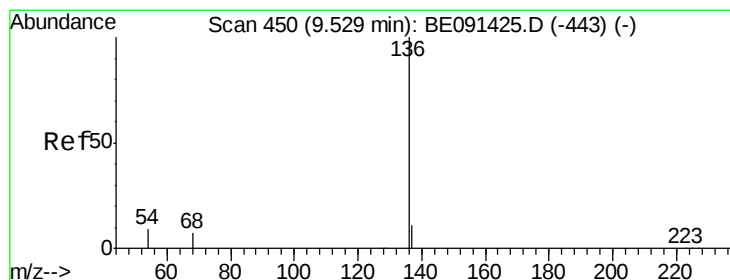
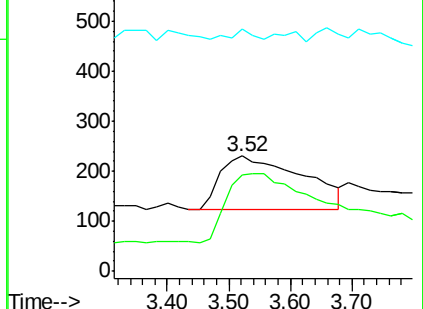
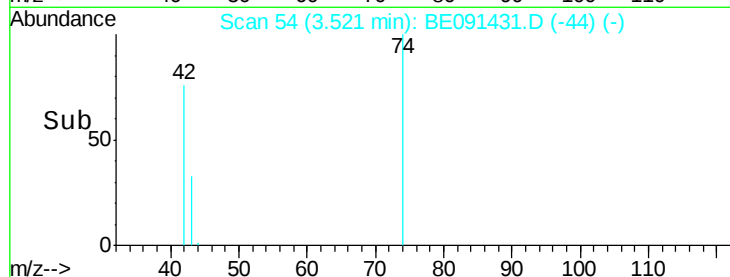
44 4.3 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 9.53 min Scan# 450

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

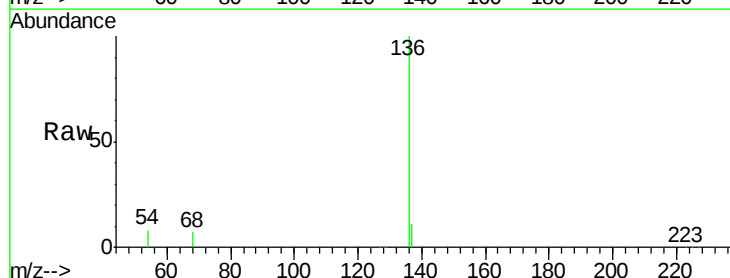
Tgt Ion: 136 Resp: 145071

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

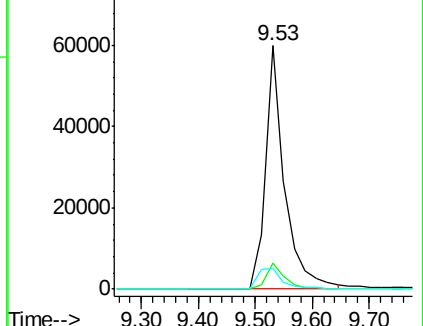
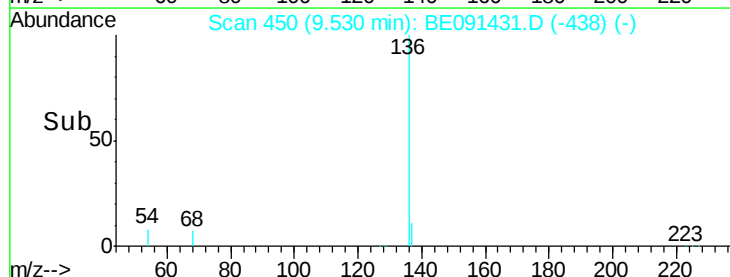
54 8.5 6.9 10.3

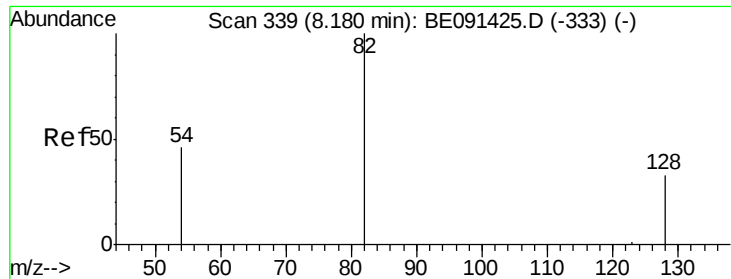


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#5

Nitrobenzene-d5

Concen: 0.40 ng

RT: 8.18 min Scan# 339

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

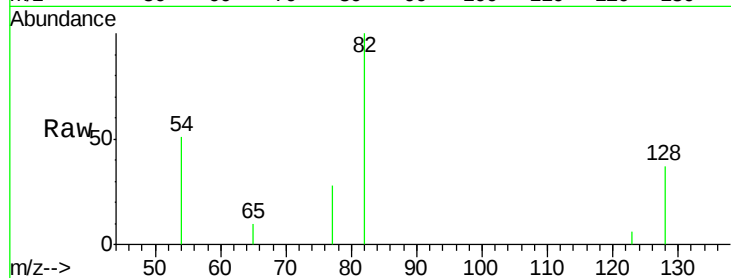
Tgt Ion: 82 Resp: 2775

Ion Ratio Lower Upper

82 100

128 36.7 30.0 45.0

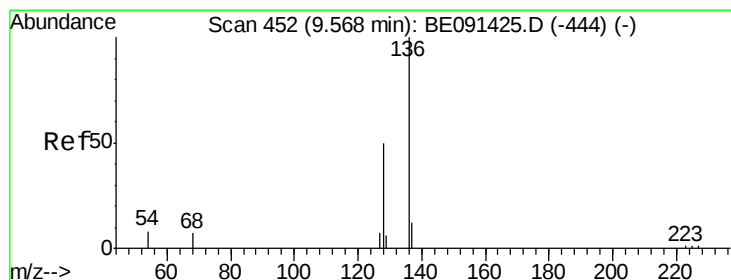
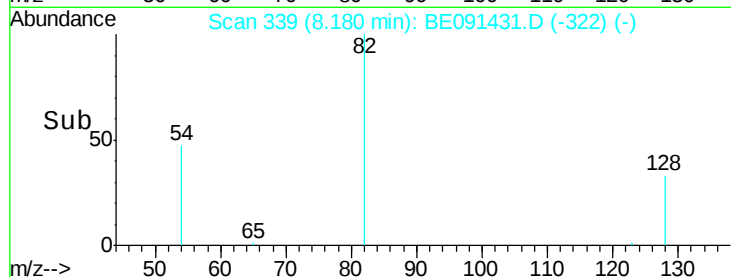
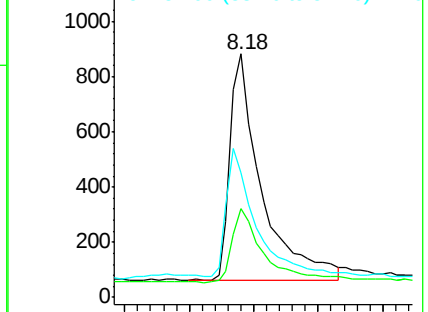
54 51.2 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BE091425.D (-333) (-)

Ion 128.00 (127.70 to 128.70): BE091425.D (-333) (-)

Ion 54.00 (53.70 to 54.70): BE091425.D (-333) (-)



#6

Naphthalene

Concen: 0.43 ng

RT: 9.57 min Scan# 452

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

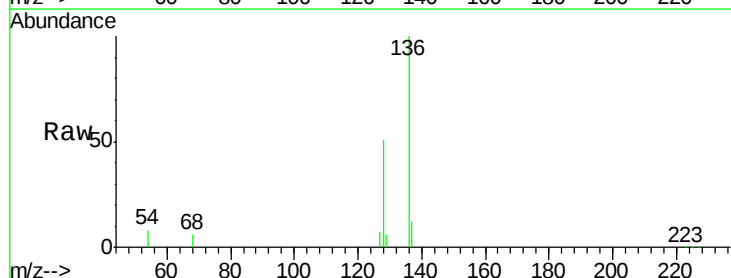
Tgt Ion: 128 Resp: 14418

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

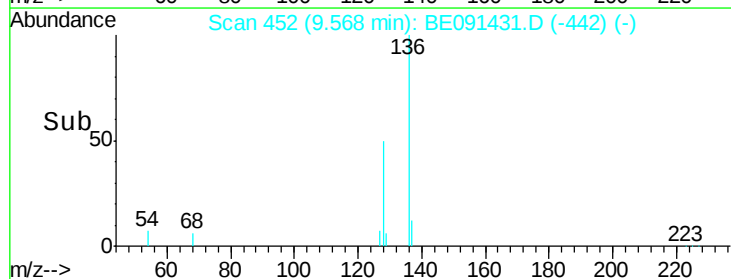
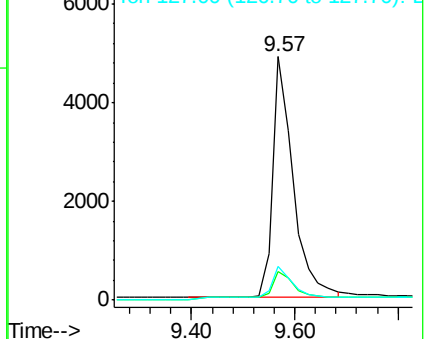
127 14.0 11.4 17.0

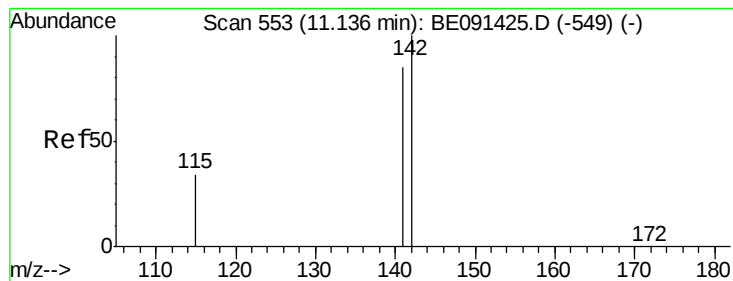


Abundance Ion 128.00 (127.70 to 128.70): BE091425.D (-444) (-)

Ion 129.00 (128.70 to 129.70): BE091425.D (-444) (-)

Ion 127.00 (126.70 to 127.70): BE091425.D (-444) (-)





#7

2-Methylnaphthalene

Concen: 0.38 ng m

RT: 11.14 min Scan# 553

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

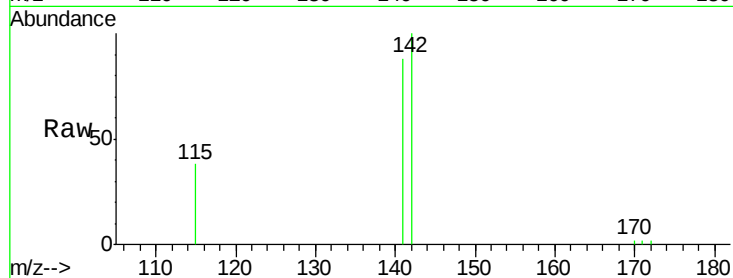
Tgt Ion:142 Resp: 7466

Ion Ratio Lower Upper

142 100

141 87.7 68.3 102.5

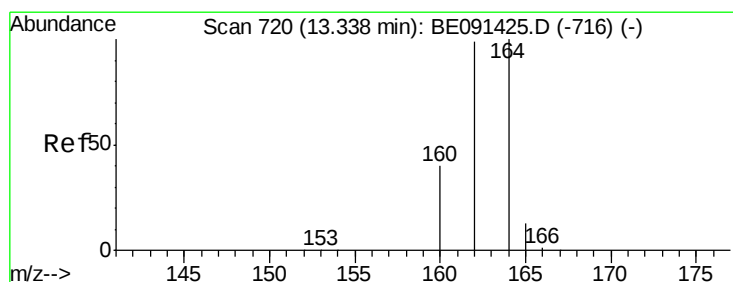
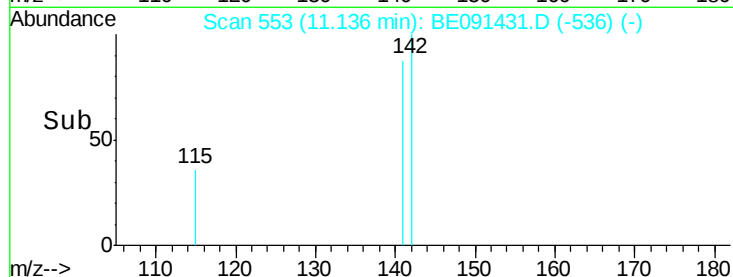
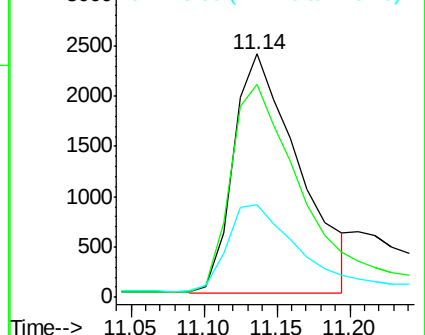
115 37.9 28.9 43.3



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



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.34 min Scan# 720

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

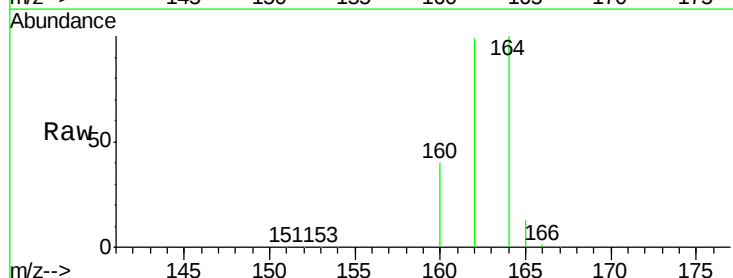
Tgt Ion:164 Resp: 86996

Ion Ratio Lower Upper

164 100

162 98.8 79.1 118.7

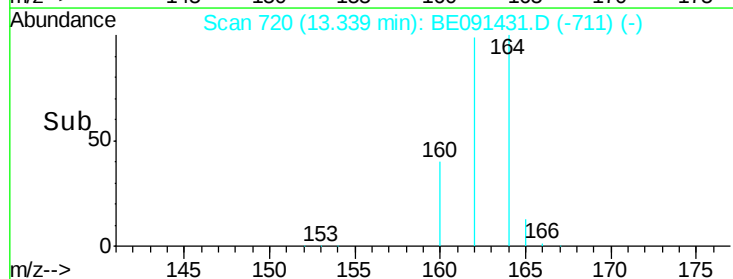
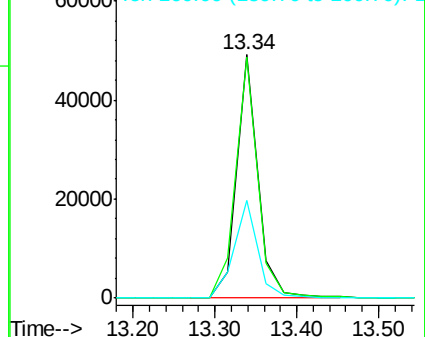
160 40.1 32.4 48.6

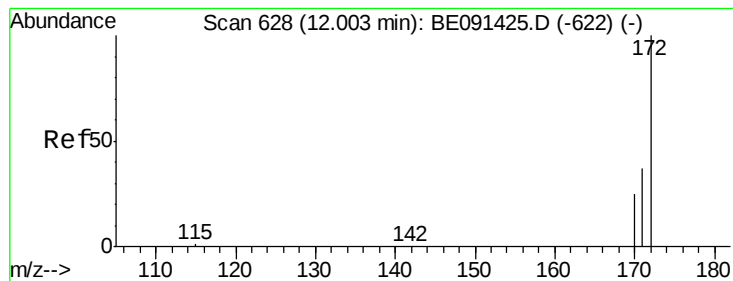


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#9

2-Fluorobiphenyl

Concen: 0.40 ng

RT: 12.00 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

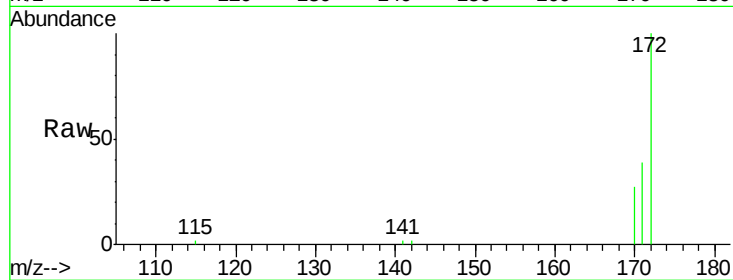
Tgt Ion:172 Resp: 8351

Ion Ratio Lower Upper

172 100

171 39.0 30.2 45.4

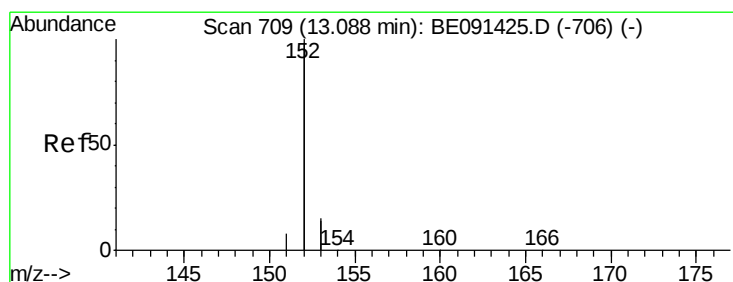
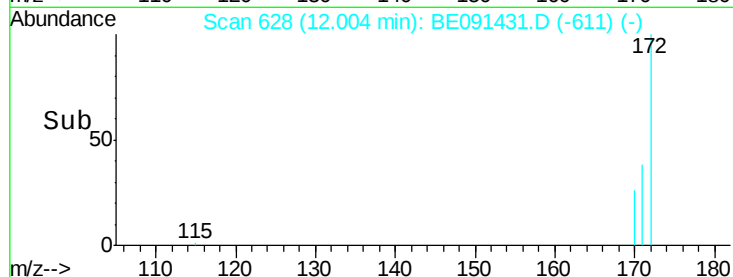
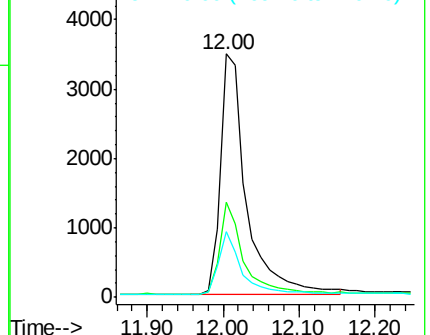
170 27.2 20.9 31.3



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



#10

Acenaphthylene

Concen: 0.36 ng

RT: 13.09 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

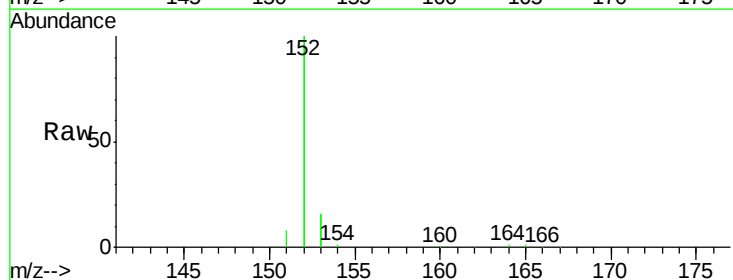
Tgt Ion:152 Resp: 52960

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

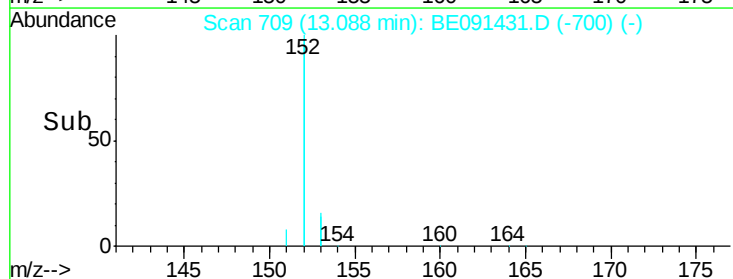
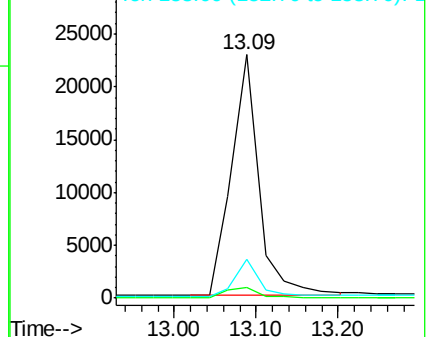
153 13.3 10.5 15.7

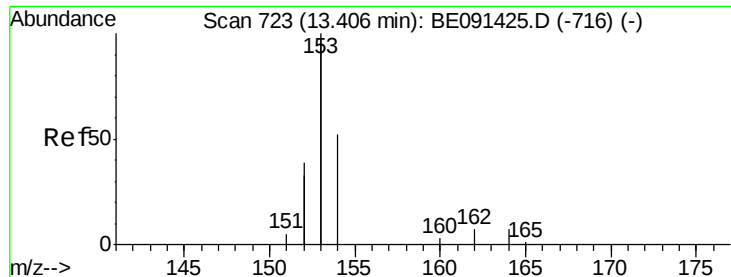


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

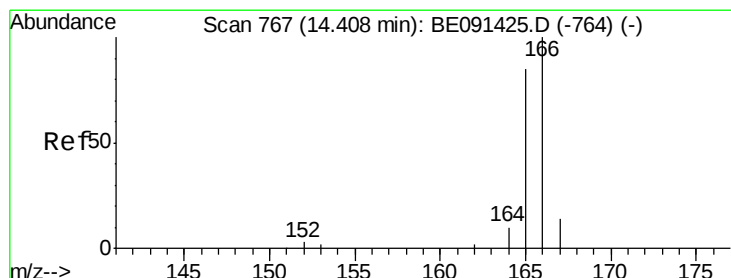
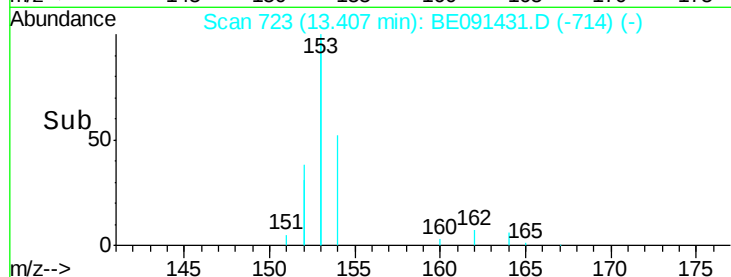
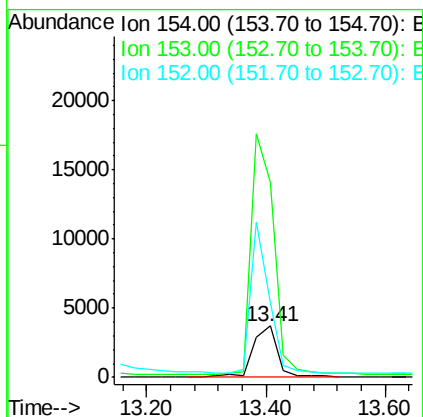
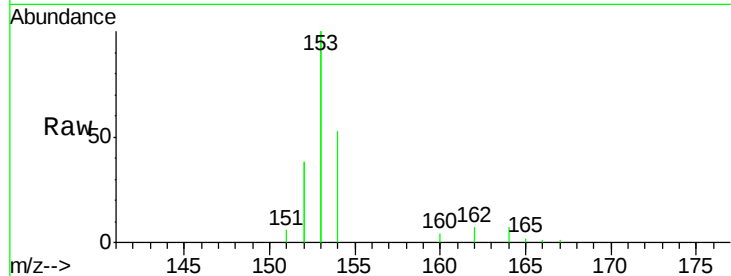




#11  
Acenaphthene  
Concen: 0.38 ng  
RT: 13.41 min Scan# 723  
Delta R.T. 0.00 min  
Lab File: BE091431.D  
Acq: 3 Mar 2016 20:22

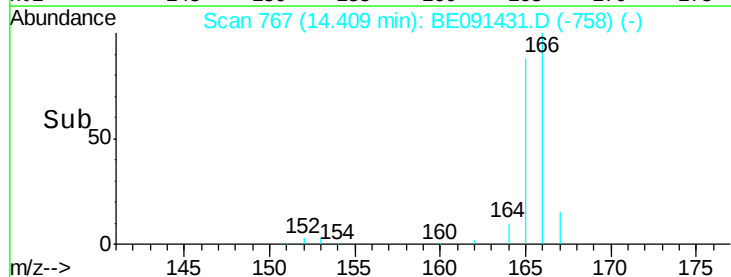
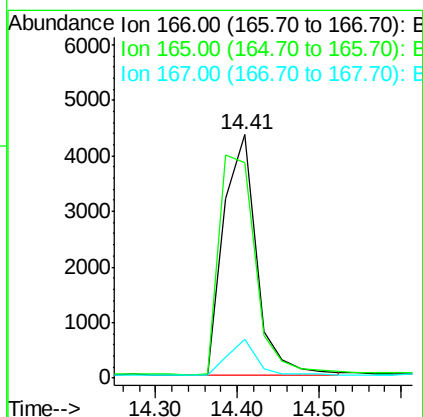
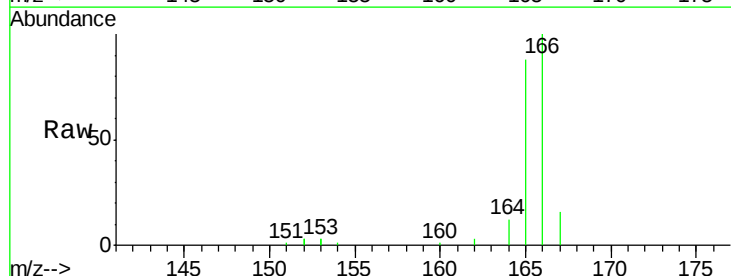
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

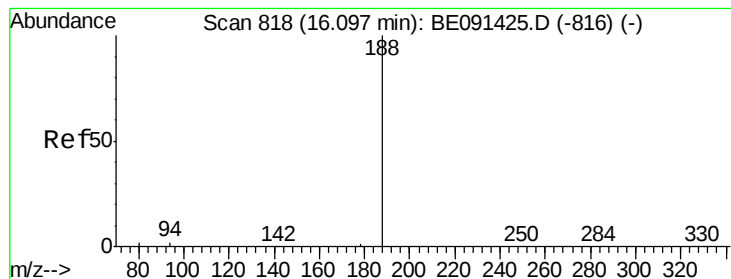
Tgt Ion:154 Resp: 10053  
Ion Ratio Lower Upper  
154 100  
153 0.0 0.0 0.0  
152 0.0 0.0 0.0



#12  
Fluorene  
Concen: 0.36 ng  
RT: 14.41 min Scan# 767  
Delta R.T. 0.00 min  
Lab File: BE091431.D  
Acq: 3 Mar 2016 20:22

Tgt Ion:166 Resp: 12026  
Ion Ratio Lower Upper  
166 100  
165 0.0 79.4 119.2#  
167 13.4 10.7 16.1





#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.10 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

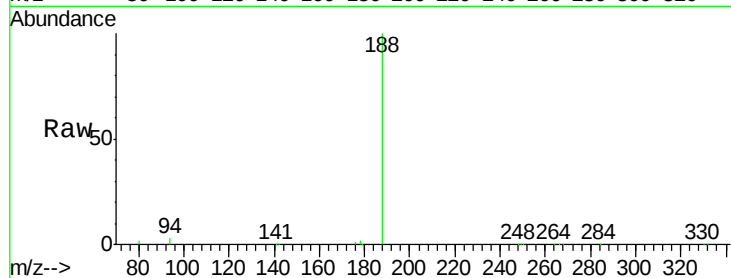
Tgt Ion:188 Resp: 137322

Ion Ratio Lower Upper

188 100

94 2.6 2.1 3.1

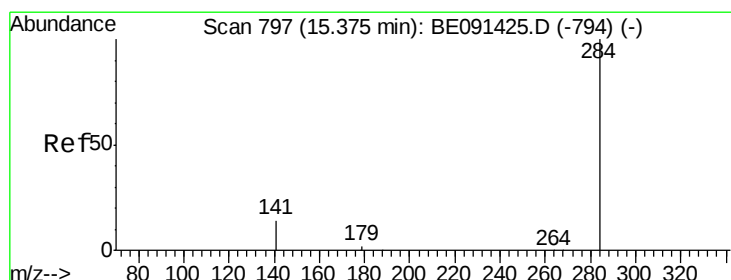
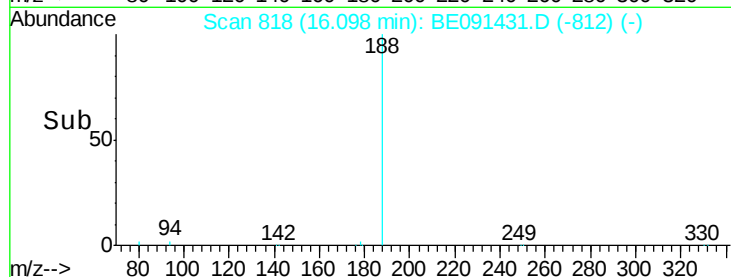
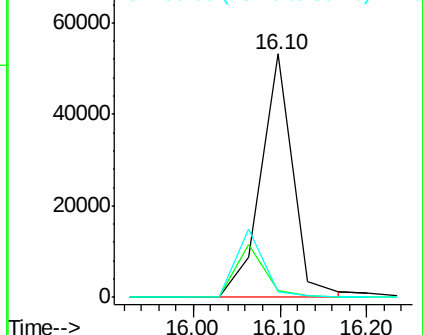
80 2.4 1.9 2.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#14

Hexachlorobenzene

Concen: 0.34 ng

RT: 15.38 min Scan# 797

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

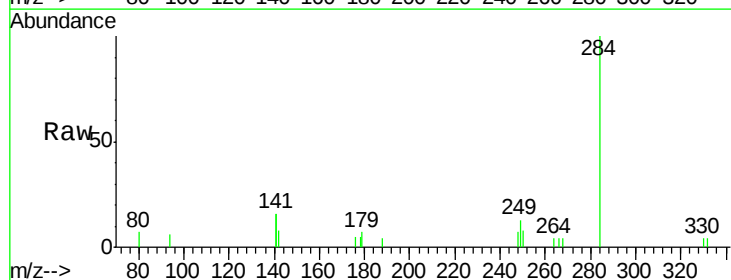
Tgt Ion:284 Resp: 2731

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

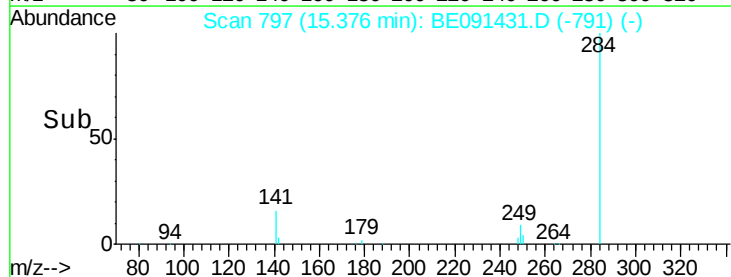
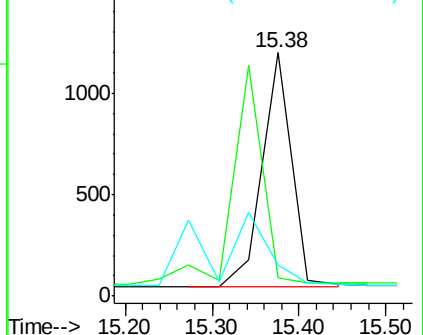
249 0.0 0.0 0.0

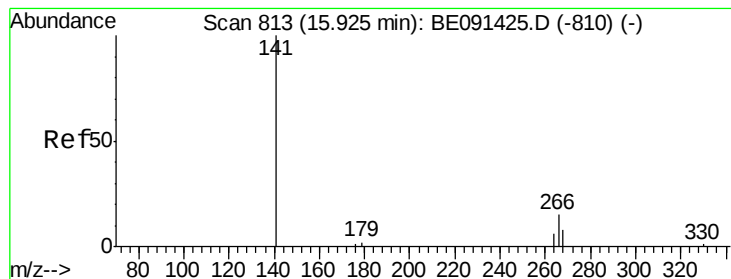


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#15

Pentachlorophenol

Concen: 0.63 ng

RT: 15.89 min Scan# 812

Delta R.T. -0.03 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

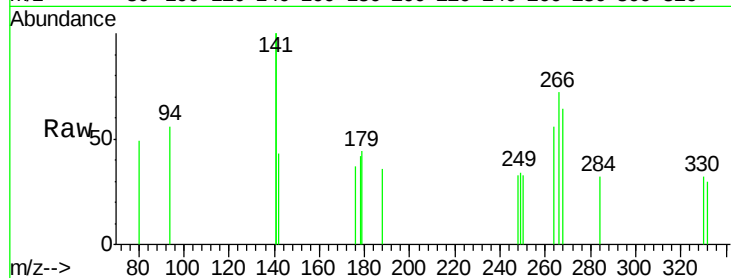
Tgt Ion:266 Resp: 342

Ion Ratio Lower Upper

266 100

268 88.9 73.0 109.6

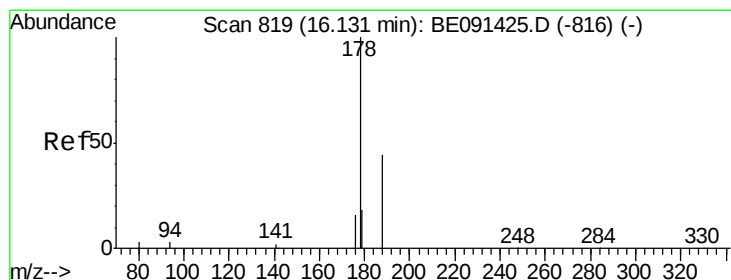
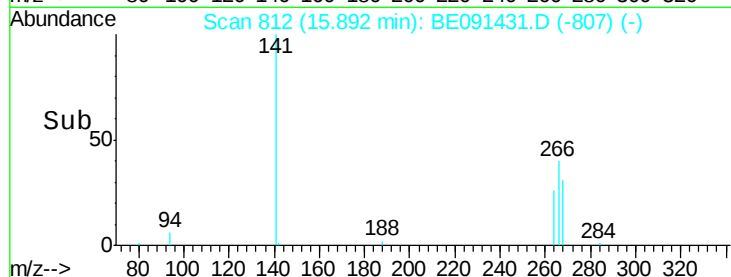
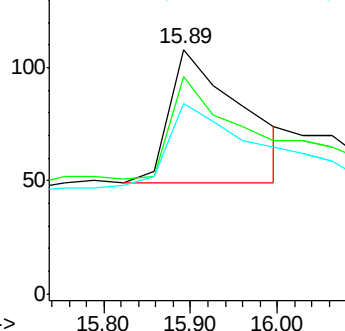
264 77.8 66.1 99.1



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



#16

Phenanthrene

Concen: 0.40 ng

RT: 16.13 min Scan# 819

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

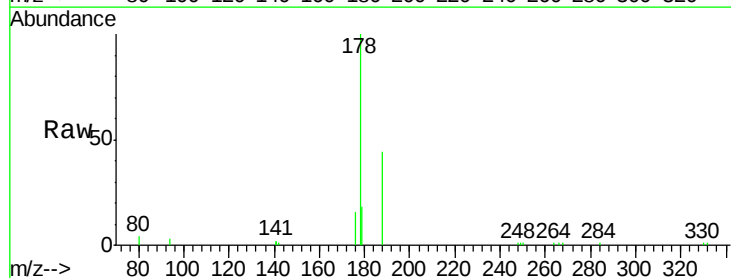
Tgt Ion:178 Resp: 19344

Ion Ratio Lower Upper

178 100

176 16.8 13.8 20.8

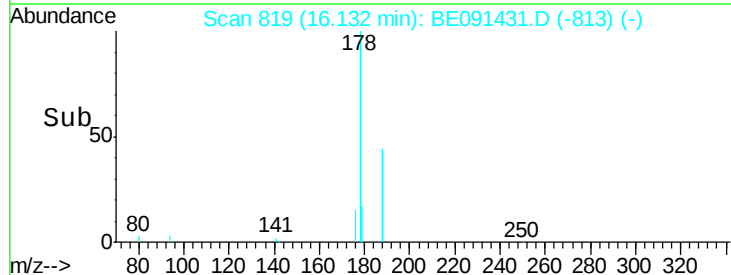
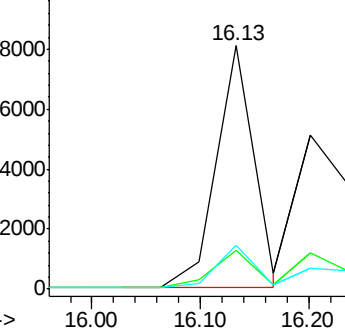
179 17.0 14.2 21.4

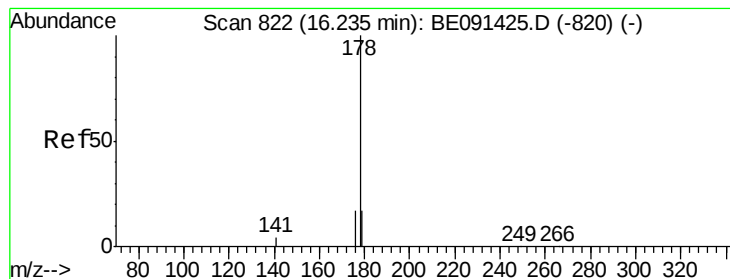


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Anthracene

Concen: 0.37 ng m

RT: 16.20 min Scan# 821

Delta R.T. -0.03 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

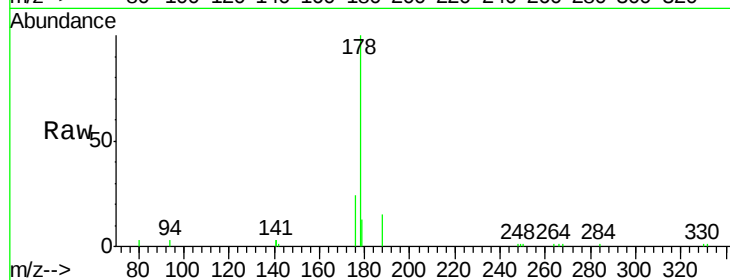
Tgt Ion:178 Resp: 21320

Ion Ratio Lower Upper

178 100

176 11.2 24.4 36.6#

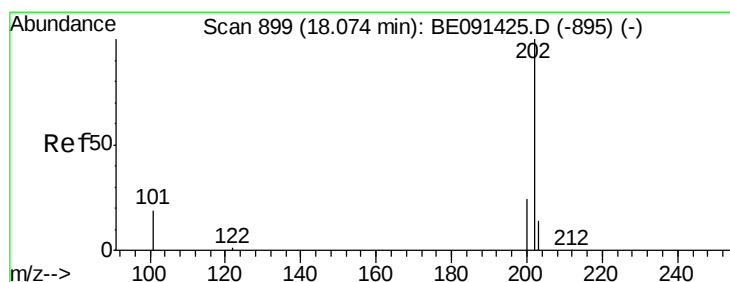
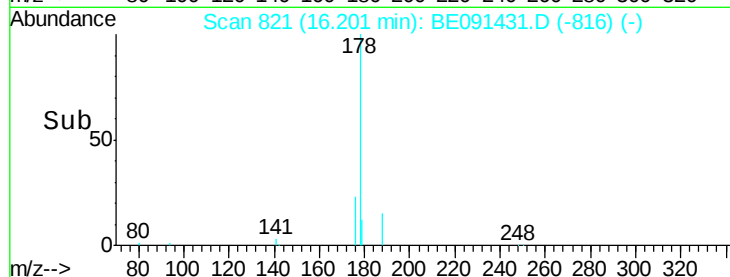
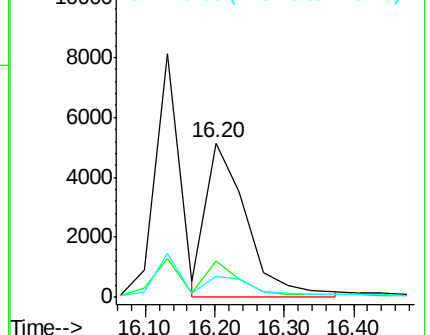
179 24.1 14.8 22.2#



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



#18

Fluoranthene

Concen: 0.37 ng

RT: 18.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

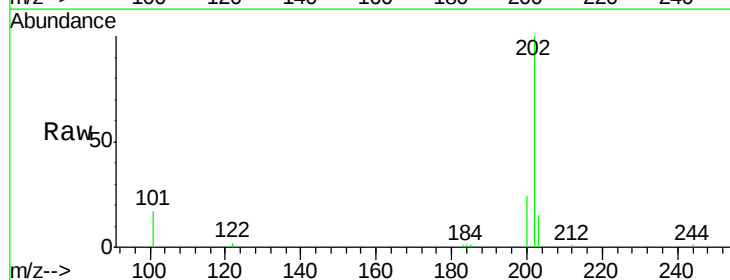
Tgt Ion:202 Resp: 24200

Ion Ratio Lower Upper

202 100

101 12.9 11.0 16.6

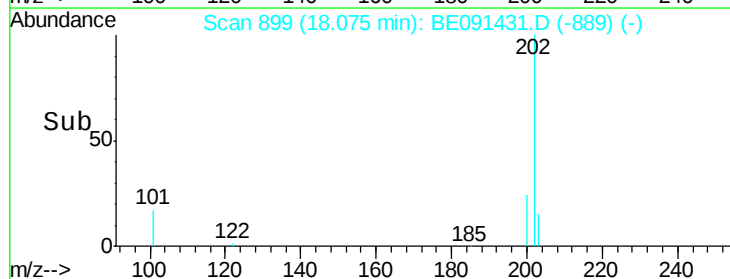
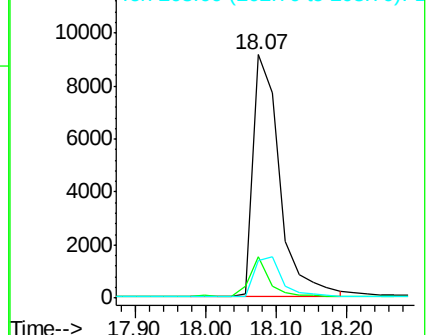
203 17.4 13.7 20.5

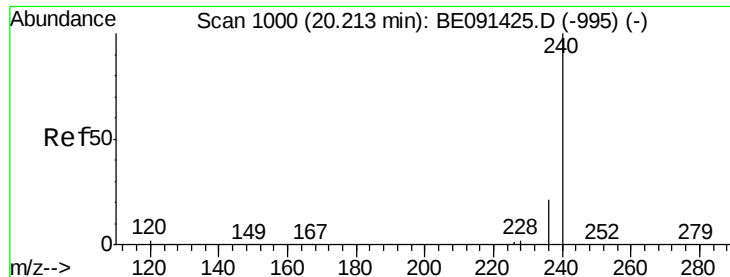


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Chrysene-d12

Concen: 5.00 ng

RT: 20.21 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

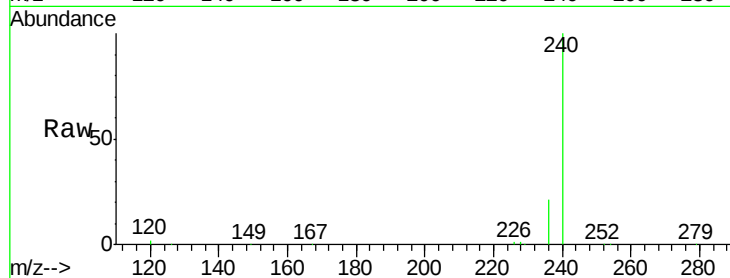
Tgt Ion:240 Resp: 237670

Ion Ratio Lower Upper

240 100

120 1.8 1.4 2.0

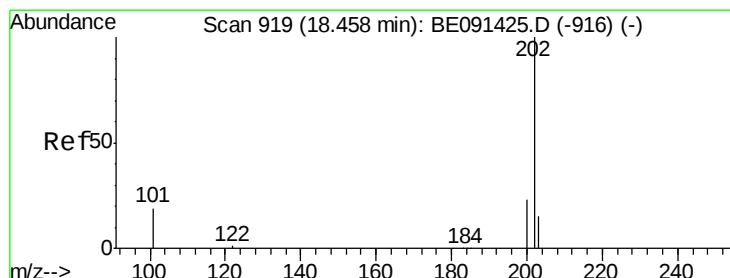
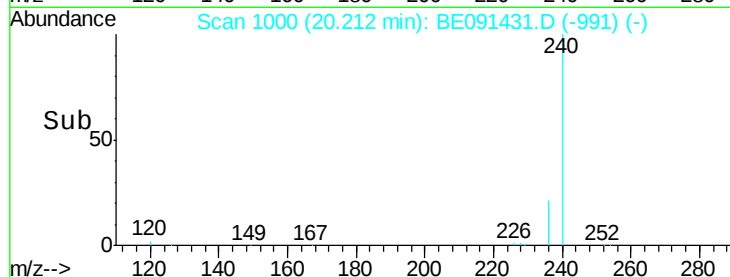
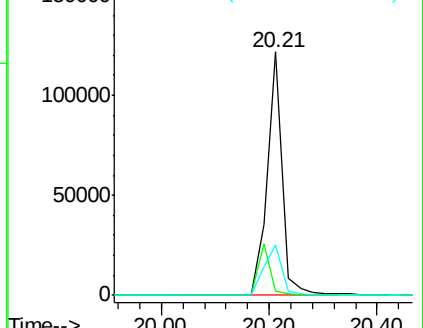
236 20.8 16.7 25.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#20

Pyrene

Concen: 0.38 ng

RT: 18.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

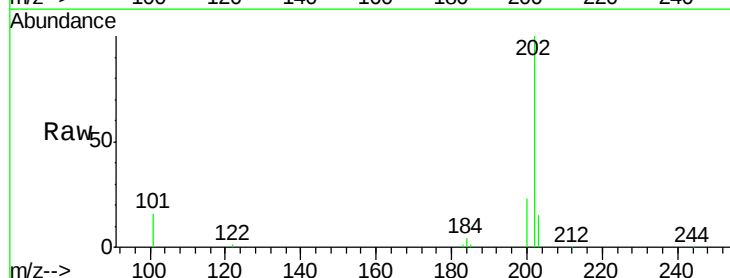
Tgt Ion:202 Resp: 25892

Ion Ratio Lower Upper

202 100

200 21.1 16.5 24.7

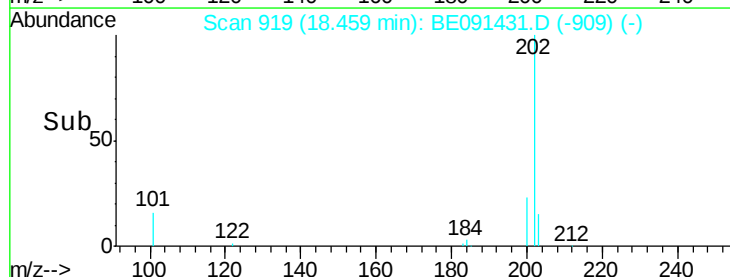
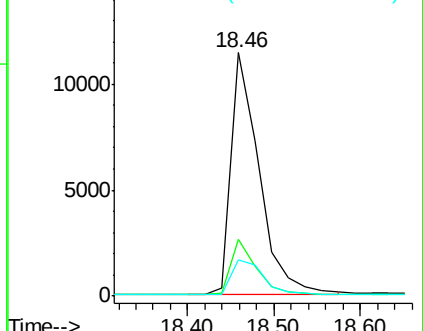
203 16.9 13.8 20.6

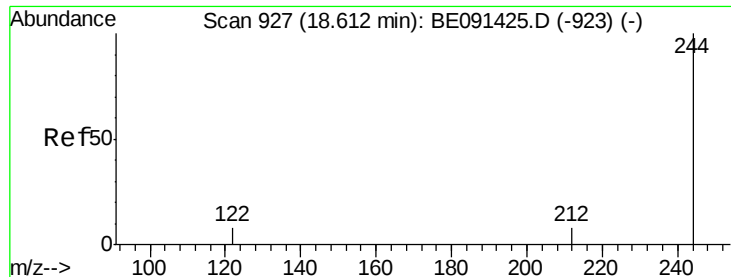


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

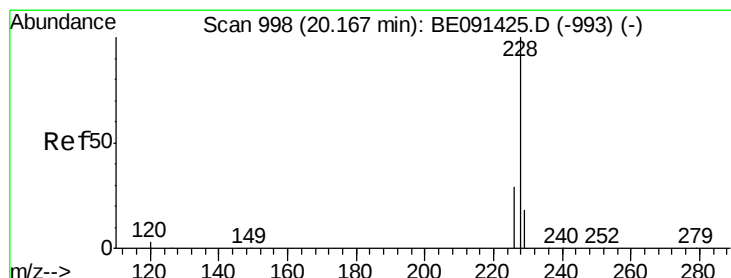
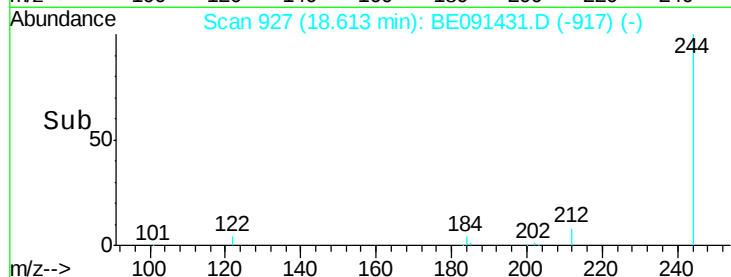
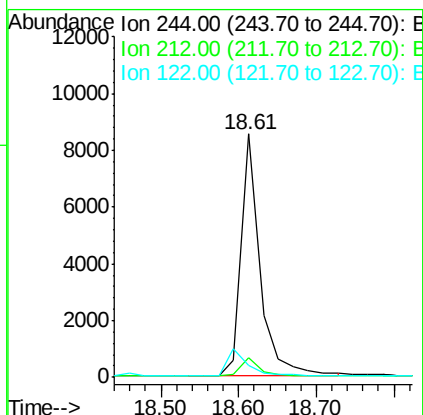
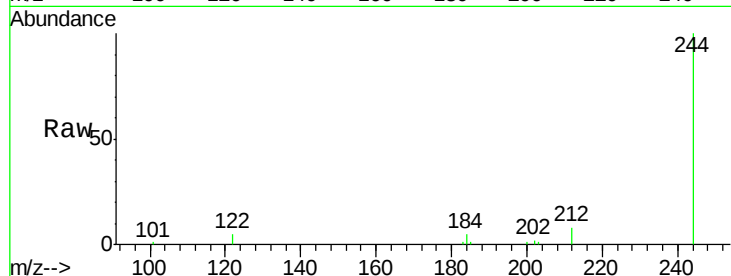




#21  
 Terphenyl-d14  
 Concen: 0.40 ng  
 RT: 18.61 min Scan# 927  
 Delta R.T. 0.00 min  
 Lab File: BE091431.D  
 Acq: 3 Mar 2016 20:22

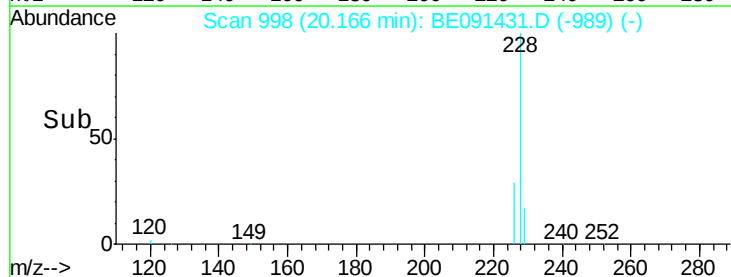
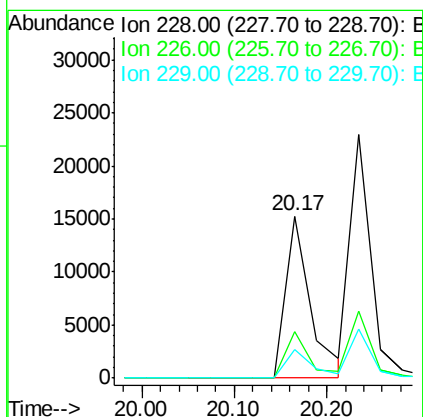
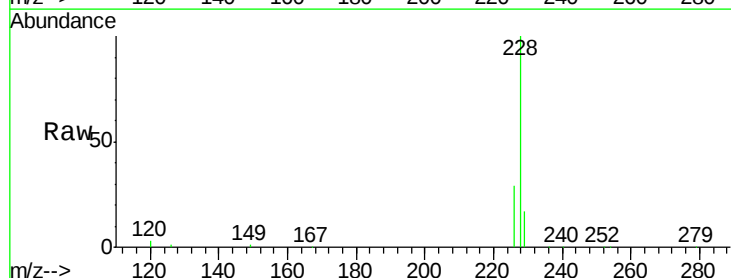
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

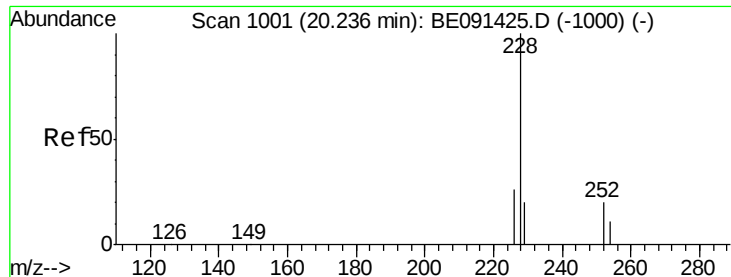
Tgt Ion:244 Resp: 14396  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 7.0 10.6  
 122 4.9 6.8 10.2#



#22  
 Benzo(a)anthracene  
 Concen: 0.35 ng  
 RT: 20.17 min Scan# 998  
 Delta R.T. -0.00 min  
 Lab File: BE091431.D  
 Acq: 3 Mar 2016 20:22

Tgt Ion:228 Resp: 28374  
 Ion Ratio Lower Upper  
 228 100  
 226 28.9 23.1 34.7  
 229 17.3 14.5 21.7

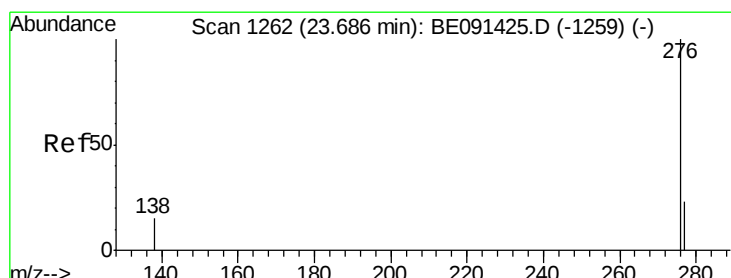
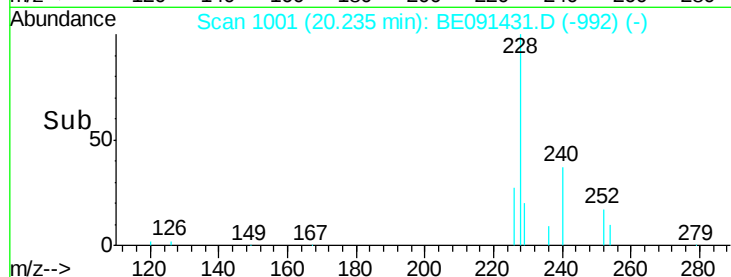
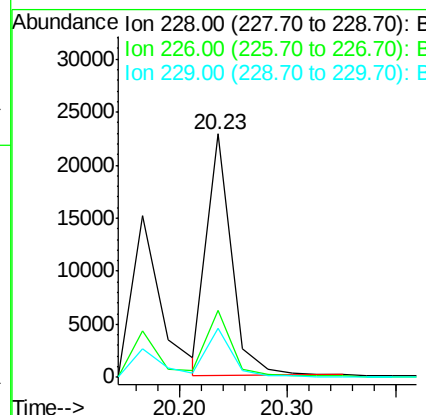
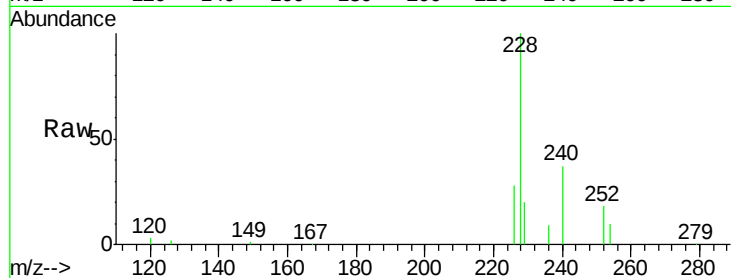




#23  
Chrysene  
Concen: 0.41 ng  
RT: 20.23 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: BE091431.D  
Acq: 3 Mar 2016 20:22

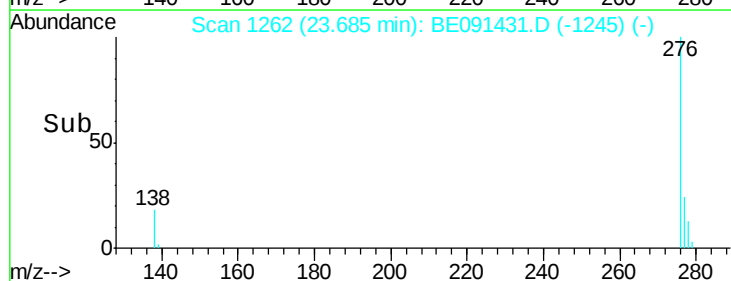
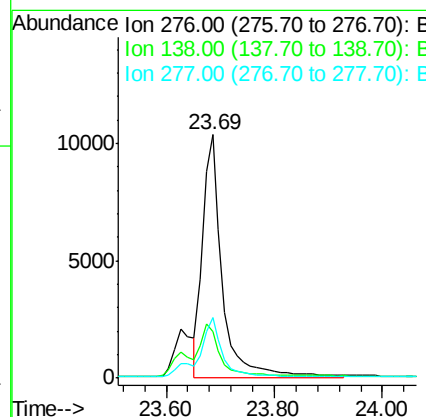
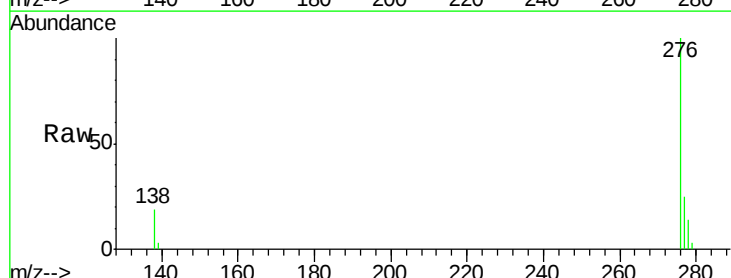
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

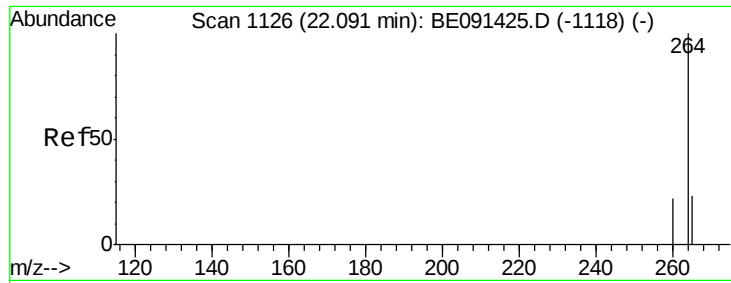
Tgt Ion: 228 Resp: 36198  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.0 33.0  
229 20.1 16.2 24.2



#24  
Indeno(1,2,3-cd)pyrene  
Concen: 0.38 ng m  
RT: 23.69 min Scan# 1262  
Delta R.T. -0.00 min  
Lab File: BE091431.D  
Acq: 3 Mar 2016 20:22

Tgt Ion: 276 Resp: 27353  
Ion Ratio Lower Upper  
276 100  
138 19.5 16.1 24.1  
277 28.1 22.9 34.3

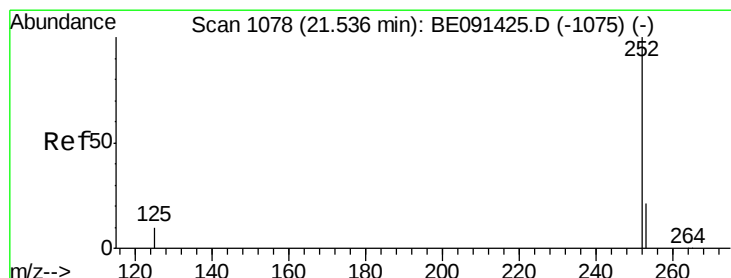
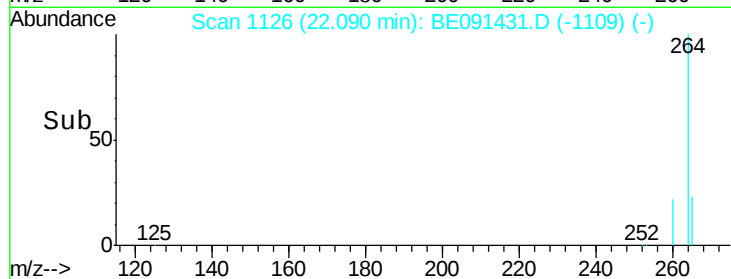
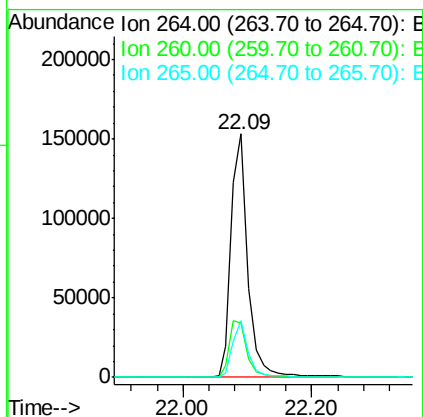
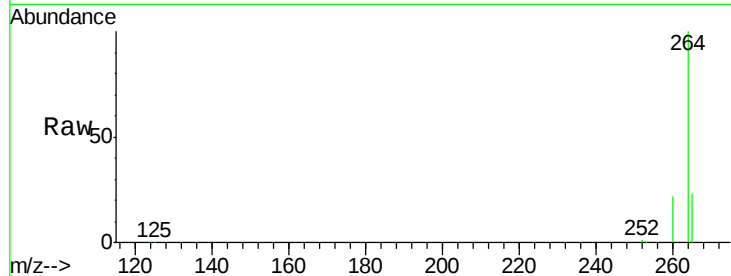




#25  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 22.09 min Scan# 1126  
 Delta R.T. -0.00 min  
 Lab File: BE091431.D  
 Acq: 3 Mar 2016 20:22

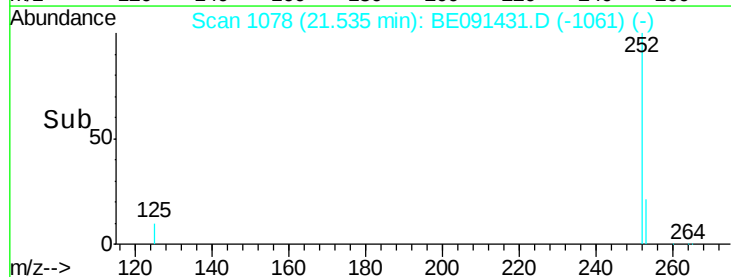
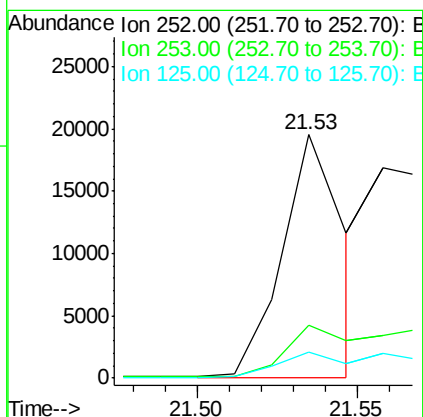
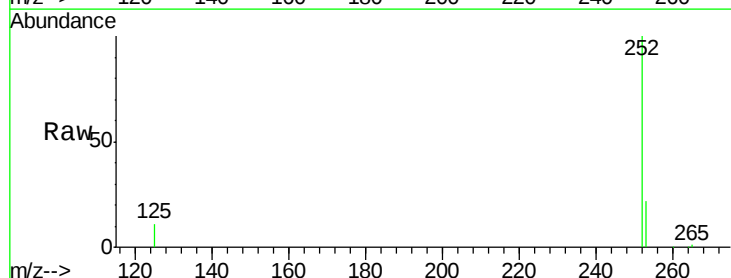
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

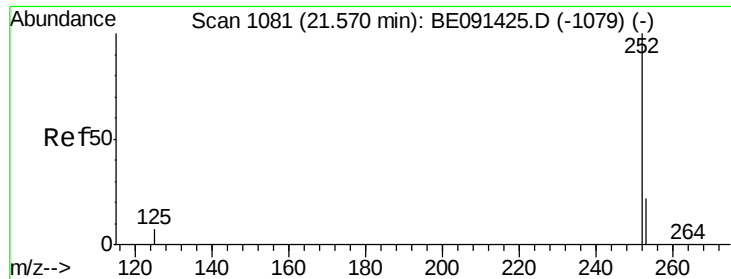
Tgt Ion: 264 Resp: 272786  
 Ion Ratio Lower Upper  
 264 100  
 260 22.1 18.0 27.0  
 265 23.2 18.2 27.4



#26  
 Benzo(b)fluoranthene  
 Concen: 0.35 ng m  
 RT: 21.53 min Scan# 1078  
 Delta R.T. -0.00 min  
 Lab File: BE091431.D  
 Acq: 3 Mar 2016 20:22

Tgt Ion: 252 Resp: 26271  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.0 25.4  
 125 10.8 8.3 12.5





#27

Benzo(k)fluoranthene

Concen: 0.44 ng m

RT: 21.56 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

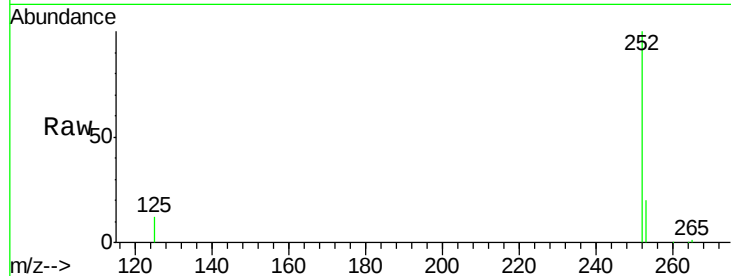
Tgt Ion:252 Resp: 32785

Ion Ratio Lower Upper

252 100

253 20.3 19.5 29.3

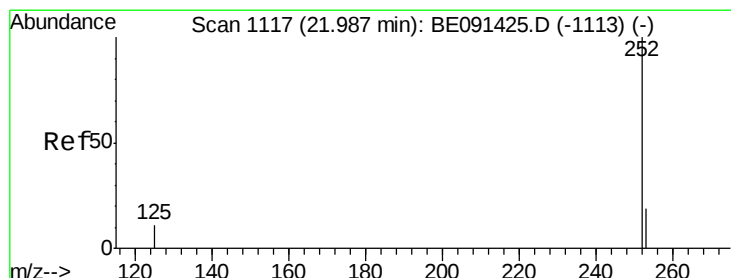
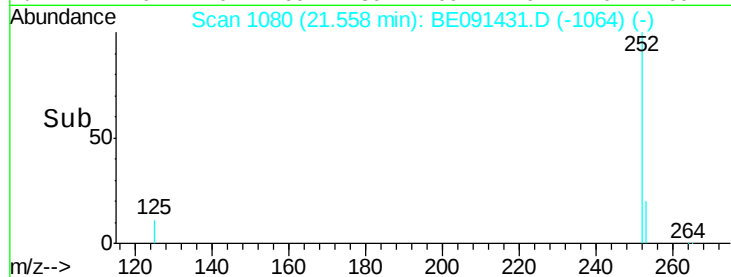
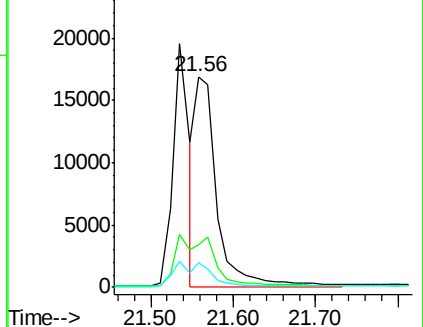
125 11.6 7.3 10.9#



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



#28

Benzo(a)pyrene

Concen: 0.38 ng

RT: 21.99 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

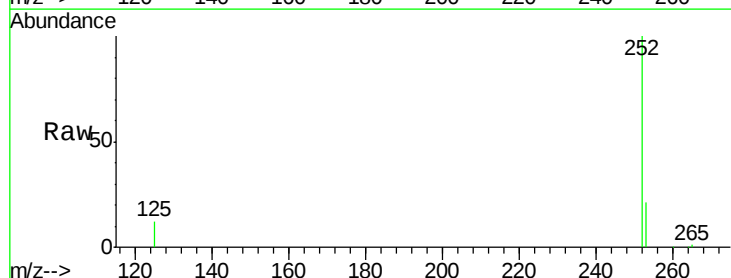
Tgt Ion:252 Resp: 24972

Ion Ratio Lower Upper

252 100

253 20.7 16.2 24.4

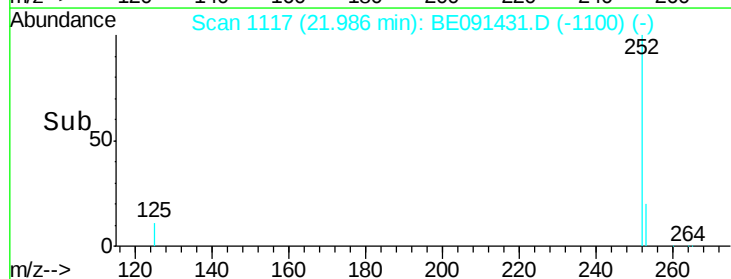
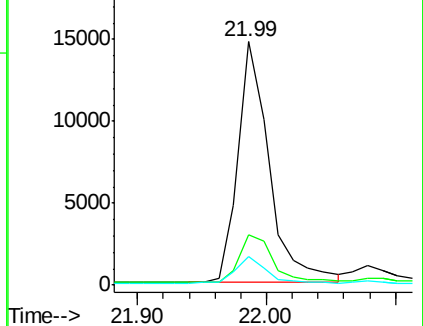
125 11.9 9.6 14.4

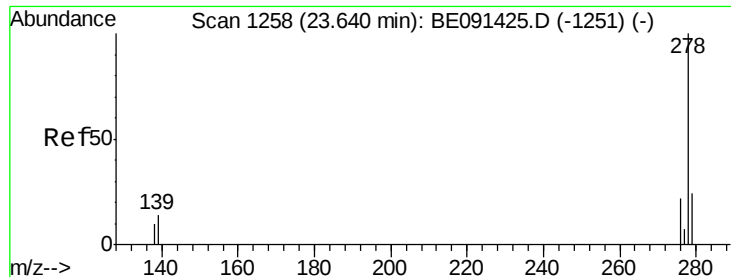


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#29

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 23.64 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

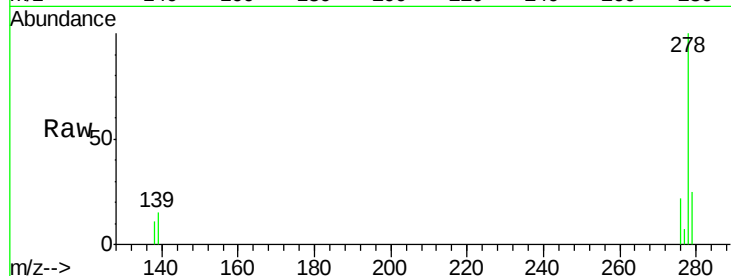
Tgt Ion: 278 Resp: 23943

Ion Ratio Lower Upper

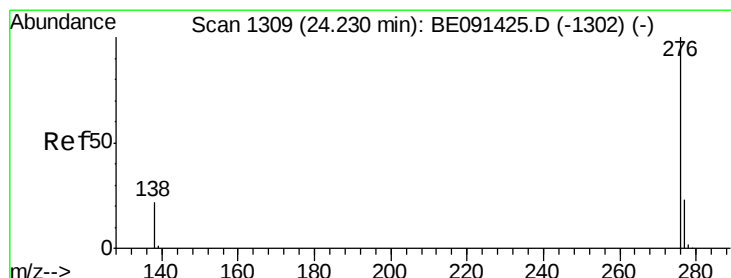
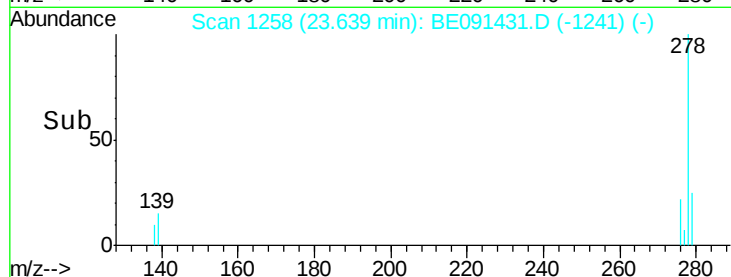
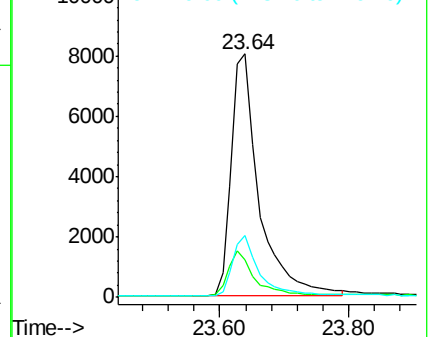
278 100

139 15.3 12.1 18.1

279 25.2 19.4 29.0



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



#30

Benzo(g,h,i)perylene

Concen: 0.39 ng

RT: 24.23 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BE091431.D

Acq: 3 Mar 2016 20:22

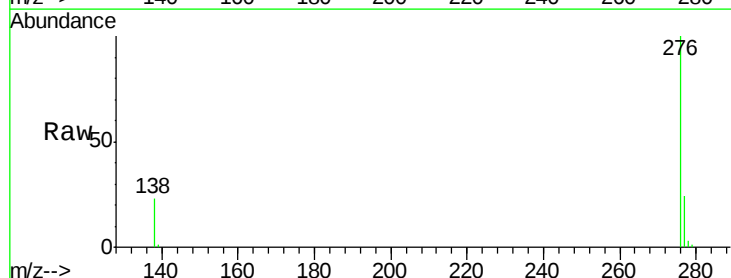
Tgt Ion: 276 Resp: 26437

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 23.3 18.2 27.4



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

