

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE080216\  
 Data File : BE092147.D  
 Acq On : 3 Aug 2016 15:30  
 Operator : UM/SJ  
 Sample : PB92496BS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB92496BS

Quant Time: Aug 03 16:50:07 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-PAH-BE080216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 02 16:59:37 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 13725    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.98 | 136  | 58631    | 5.00 | ng    | -0.01    |
| 10) Acenaphthene-d10      | 14.83 | 164  | 29277    | 5.00 | ng    | -0.02    |
| 16) Phenanthrene-d10      | 17.56 | 188  | 58466    | 5.00 | ng    | -0.02    |
| 22) Chrysene-d12          | 21.75 | 240  | 64353    | 5.00 | ng    | 0.00     |
| 28) Perylene-d12          | 24.14 | 264  | 50203    | 5.00 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.70  | 112 | 21792 | 6.18 | ng | 0.00  |
| 5) Phenol-d6                | 7.34  | 99  | 28136 | 5.99 | ng | -0.01 |
| 7) Nitrobenzene-d5          | 9.34  | 82  | 12966 | 2.80 | ng | -0.01 |
| 11) 2,4,6-Tribromophenol    | 16.33 | 330 | 6018  | 6.33 | ng | 0.00  |
| 12) 2-Fluorobiphenyl        | 13.46 | 172 | 27252 | 2.94 | ng | 0.00  |
| 24) Terphenyl-d14           | 20.19 | 244 | 32092 | 3.47 | ng | -0.02 |

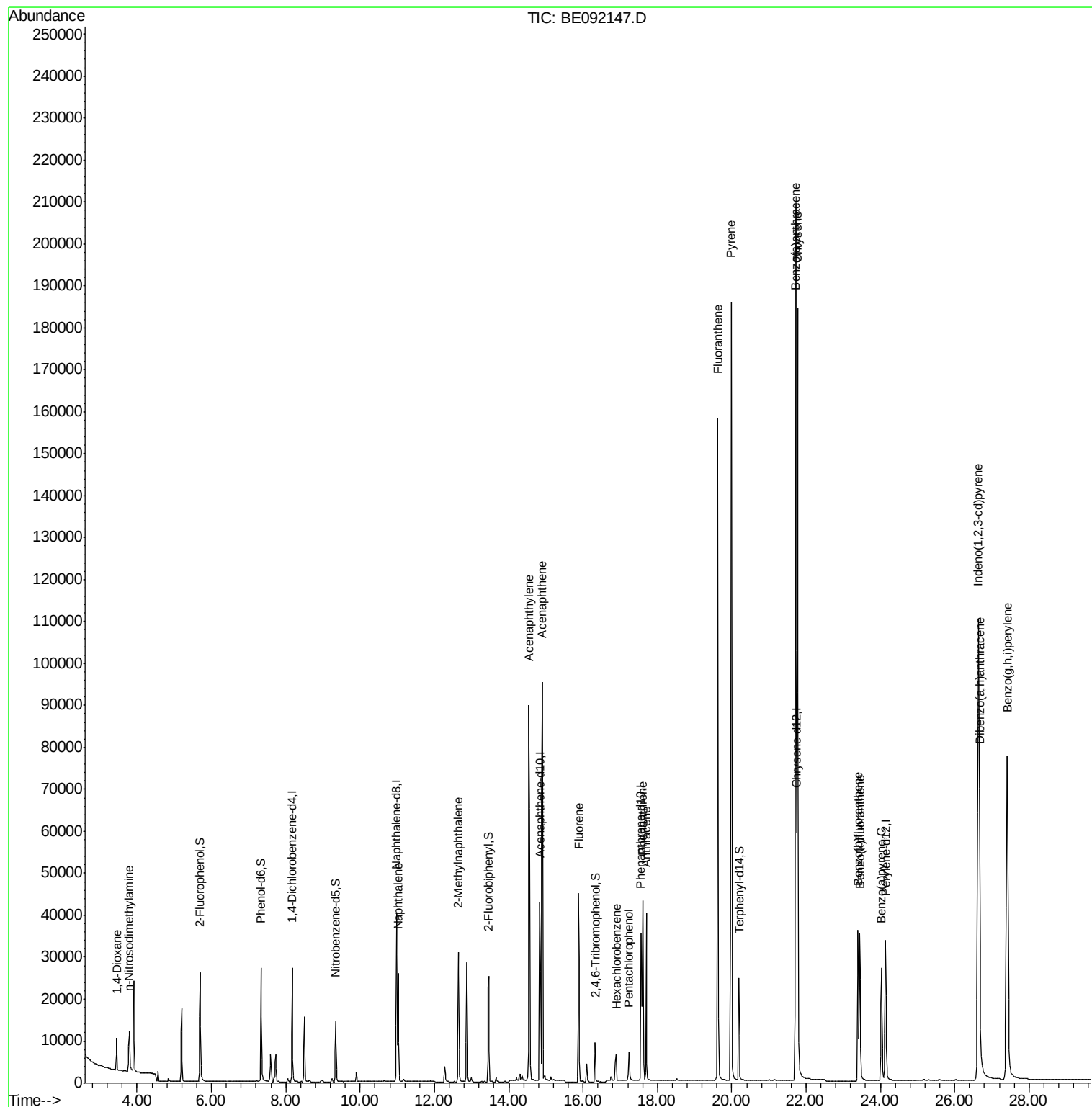
|                            |       |     |        |      |    |        |
|----------------------------|-------|-----|--------|------|----|--------|
| Target Compounds           |       |     |        |      |    | Qvalue |
| 2) 1,4-Dioxane             | 3.44  | 88  | 4467   | 2.39 | ng | # 85   |
| 3) n-Nitrosodimethylamine  | 3.78  | 42  | 8492   | 3.30 | ng | # 87   |
| 8) Naphthalene             | 11.03 | 128 | 36690  | 2.91 | ng | 95     |
| 9) 2-Methylnaphthalene     | 12.64 | 142 | 24361  | 2.93 | ng | # 86   |
| 13) Acenaphthylene         | 14.54 | 152 | 144366 | 2.79 | ng | 98     |
| 14) Acenaphthene           | 14.90 | 154 | 23899  | 2.90 | ng | # 95   |
| 15) Fluorene               | 15.88 | 166 | 28336  | 2.71 | ng | 100    |
| 17) Hexachlorobenzene      | 16.89 | 284 | 7899   | 2.76 | ng | # 60   |
| 18) Pentachlorophenol      | 17.24 | 266 | 5949   | 5.59 | ng | # 82   |
| 19) Phenanthrene           | 17.60 | 178 | 48981  | 3.07 | ng | 99     |
| 20) Anthracene             | 17.70 | 178 | 47231  | 3.03 | ng | 99     |
| 21) Fluoranthene           | 19.63 | 202 | 197018 | 2.76 | ng | 96     |
| 23) Pyrene                 | 19.99 | 202 | 211245 | 3.14 | ng | 98     |
| 25) Benzo(a)anthracene     | 21.72 | 228 | 207712 | 2.94 | ng | 96     |
| 26) Chrysene               | 21.77 | 228 | 194016 | 2.74 | ng | # 86   |
| 27) Indeno(1,2,3-cd)pyrene | 26.63 | 276 | 242487 | 3.15 | ng | 99     |
| 29) Benzo(b)fluoranthene   | 23.40 | 252 | 52339  | 3.81 | ng | 97     |
| 30) Benzo(k)fluoranthene   | 23.45 | 252 | 49760  | 3.78 | ng | 96     |
| 31) Benzo(a)pyrene         | 24.02 | 252 | 44909  | 3.56 | ng | 95     |
| 32) Dibenzo(a,h)anthracene | 26.67 | 278 | 52379  | 4.35 | ng | # 92   |
| 33) Benzo(g,h,i)perylene   | 27.42 | 276 | 202357 | 3.93 | ng | 95     |

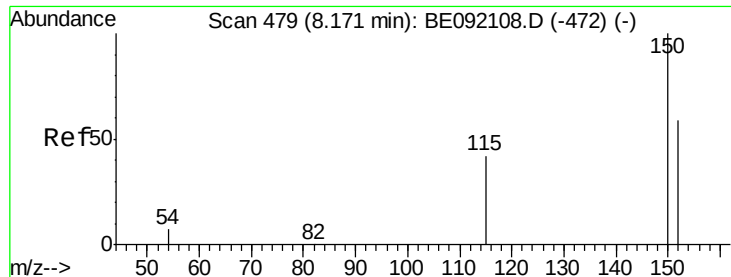
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 03 16:50:07 2016  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-PAH-BE080216.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 02 16:59:37 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS

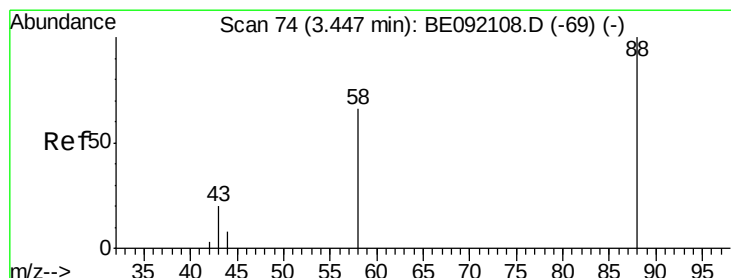
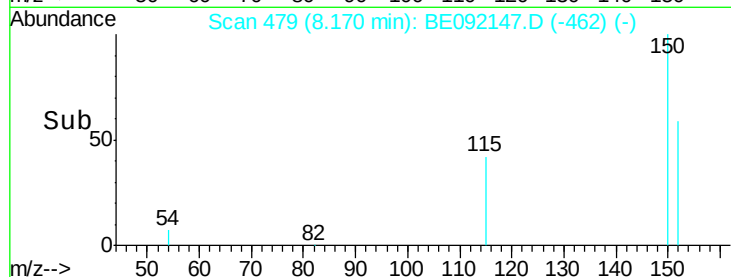
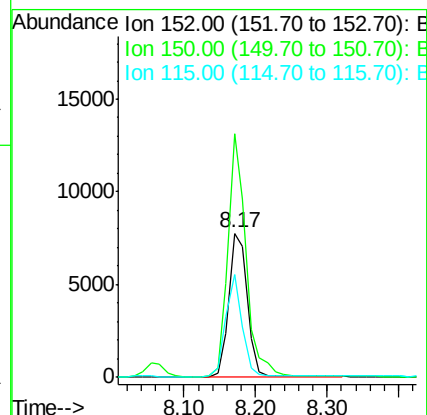
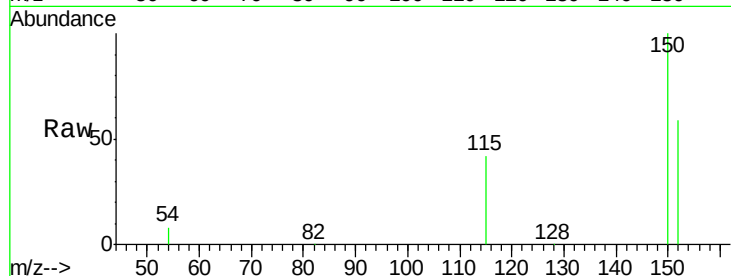
Tgt Ion:152 Resp: 13725

Ion Ratio Lower Upper

152 100

150 168.8 106.0 159.0#

115 71.3 36.9 55.3#



#2

1,4-Dioxane

Concen: 2.39 ng

RT: 3.44 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

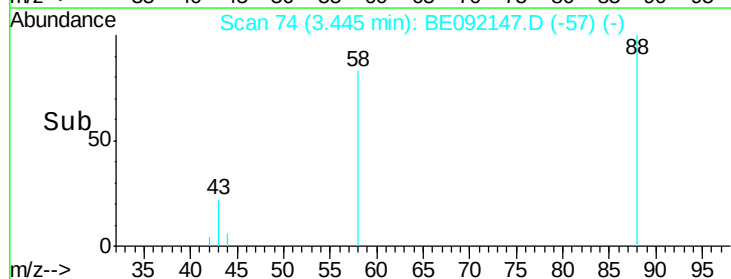
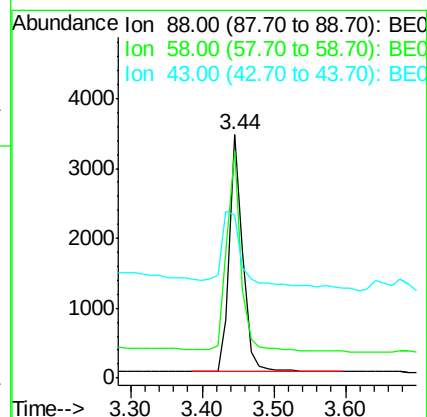
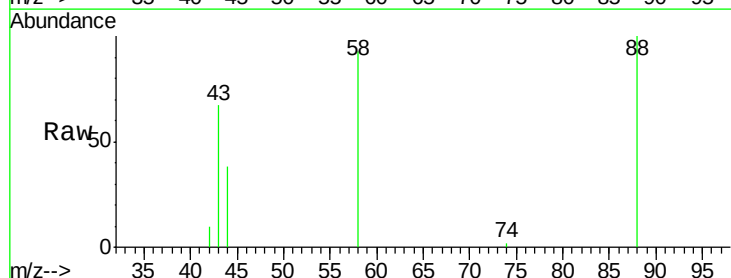
Tgt Ion: 88 Resp: 4467

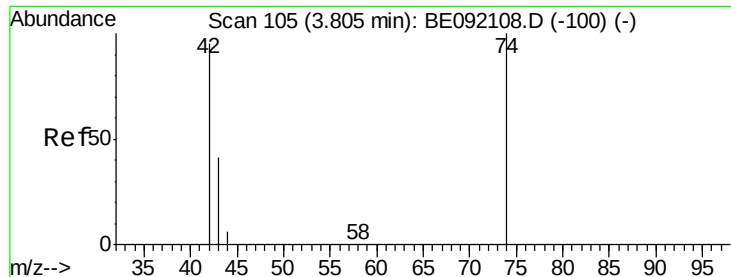
Ion Ratio Lower Upper

88 100

58 87.1 62.1 93.1

43 47.2 27.2 40.8#





#3

n-Nitrosodimethylamine

Concen: 3.30 ng

RT: 3.78 min Scan# 103

Delta R.T. -0.02 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS

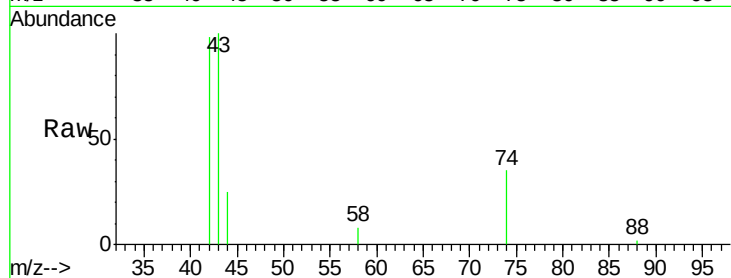
Tgt Ion: 42 Resp: 8492

Ion Ratio Lower Upper

42 100

74 90.5 82.8 124.2

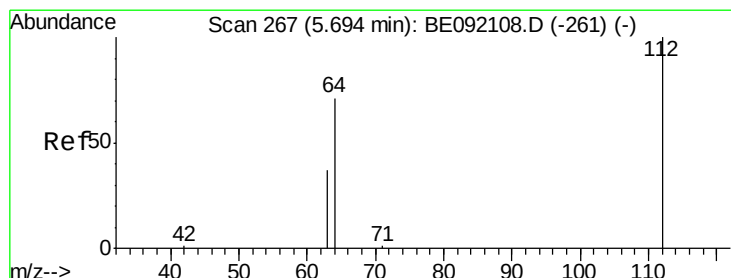
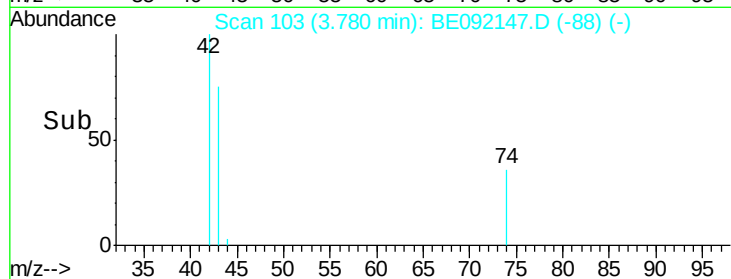
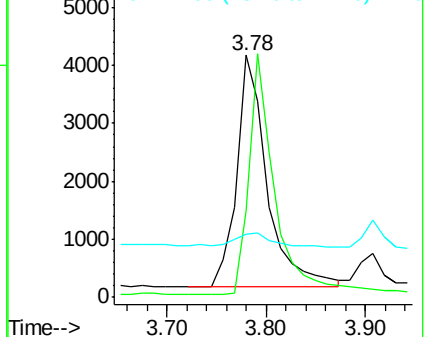
44 7.1 9.0 13.4#



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

2-Fluorophenol

Concen: 6.18 ng

RT: 5.70 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

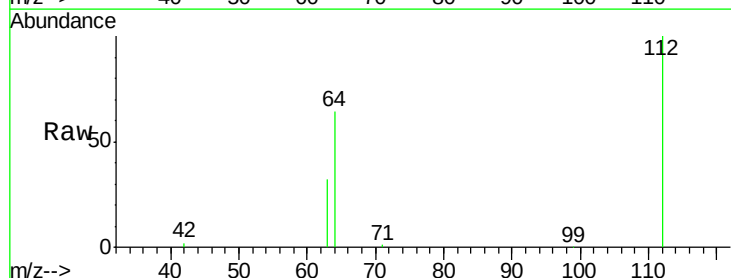
Tgt Ion: 112 Resp: 21792

Ion Ratio Lower Upper

112 100

64 67.1 55.9 83.9

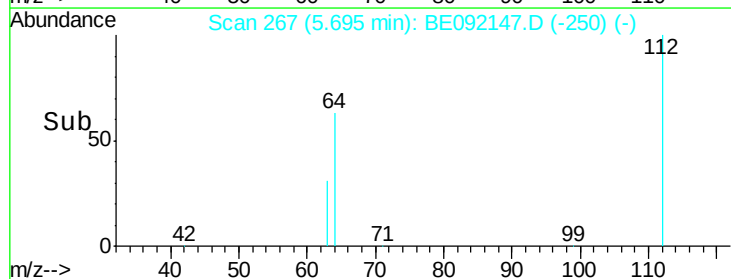
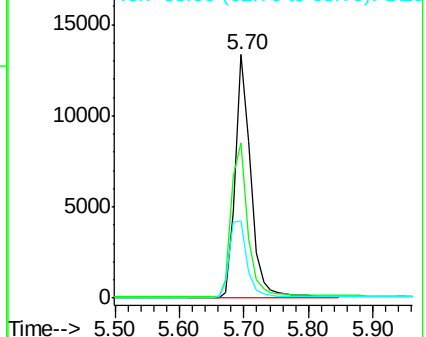
63 36.5 31.1 46.7

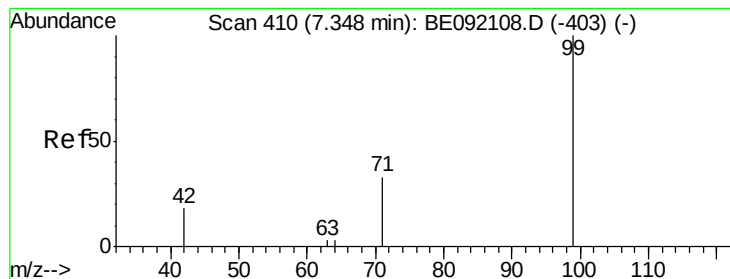


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.99 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS

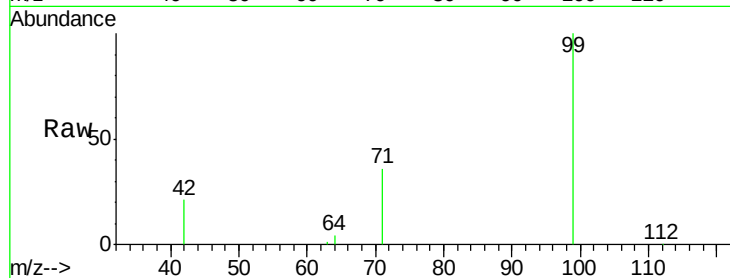
Tgt Ion: 99 Resp: 28136

Ion Ratio Lower Upper

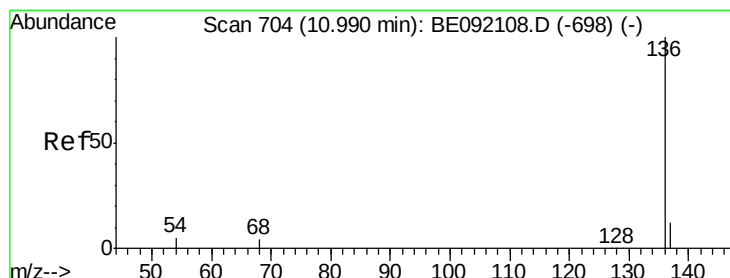
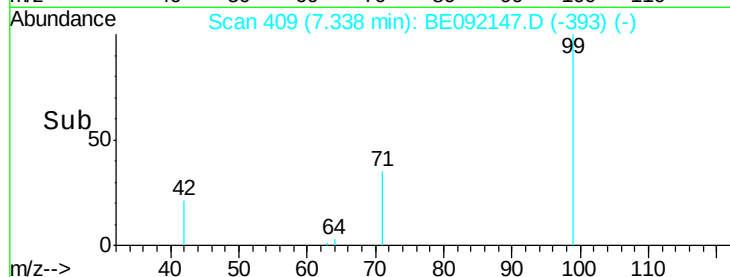
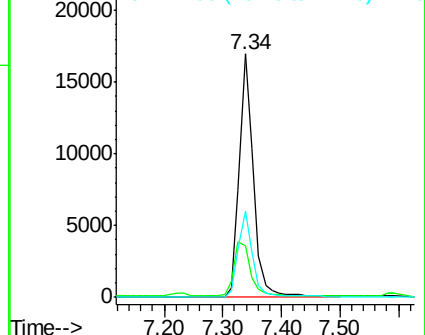
99 100

42 25.7 22.4 33.6

71 35.4 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE0  
Ion 42.00 (41.70 to 42.70): BE0  
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Tgt Ion: 136 Resp: 58631

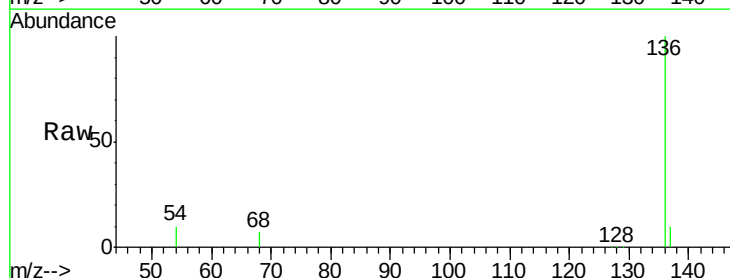
Ion Ratio Lower Upper

136 100

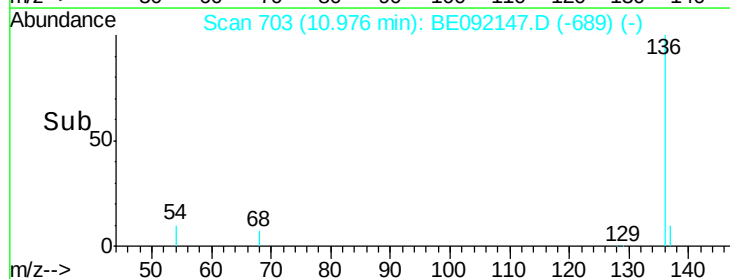
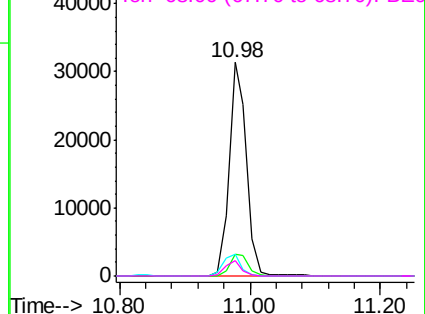
137 10.4 9.1 13.7

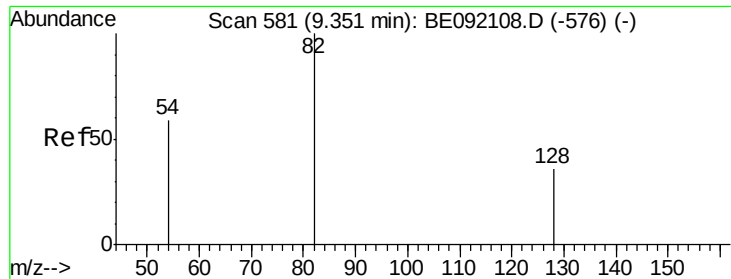
54 10.4 2.7 4.1#

68 7.3 2.2 3.4#



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  
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 2.80 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS

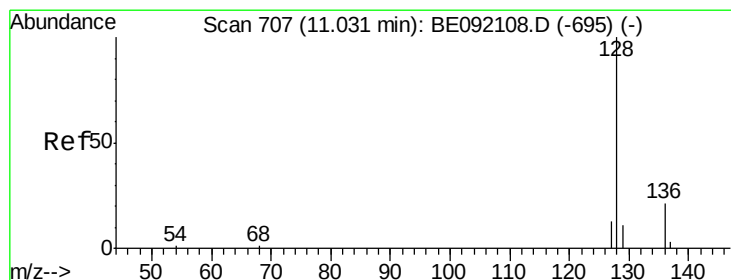
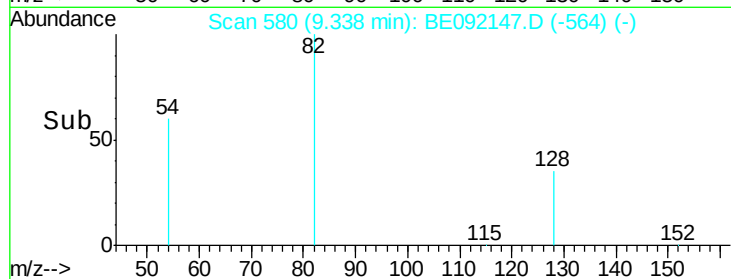
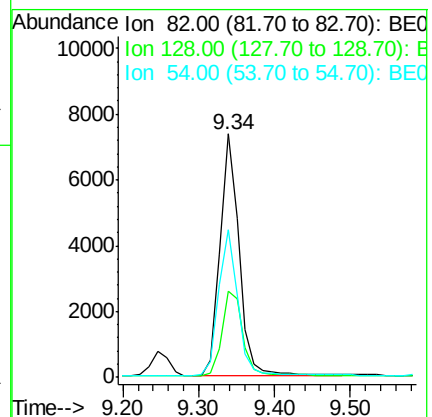
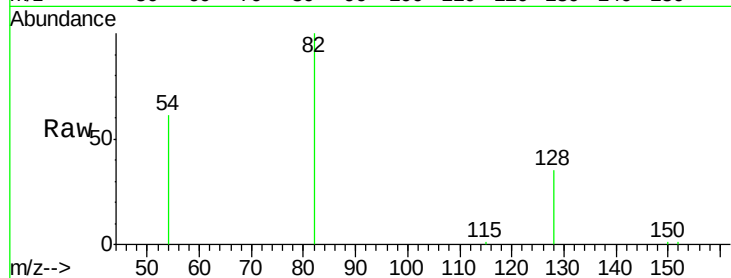
Tgt Ion: 82 Resp: 12966

Ion Ratio Lower Upper

82 100

128 35.2 33.0 49.4

54 60.6 42.6 63.8



#8

Naphthalene

Concen: 2.91 ng

RT: 11.03 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

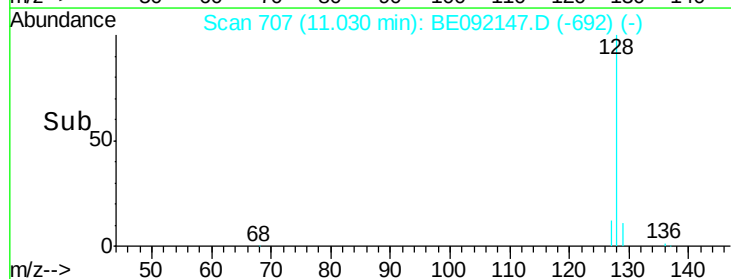
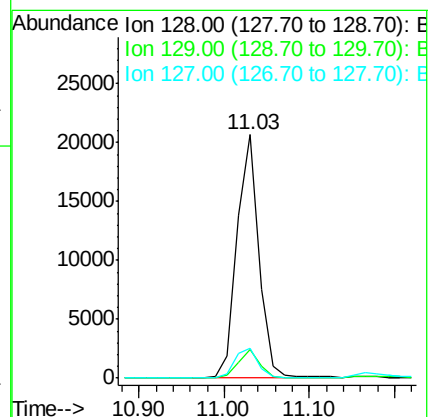
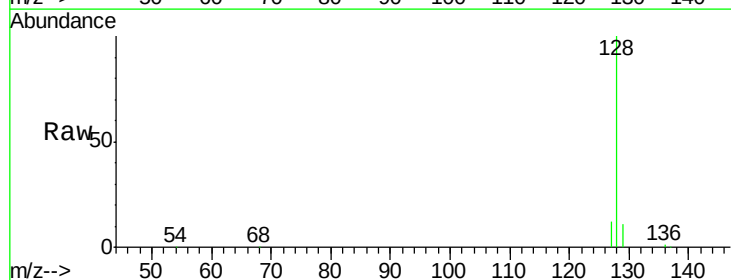
Tgt Ion: 128 Resp: 36690

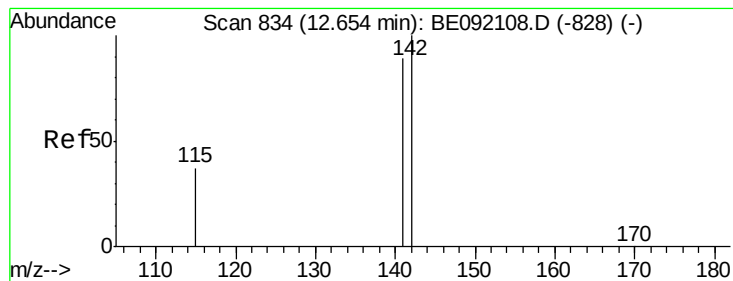
Ion Ratio Lower Upper

128 100

129 11.5 11.1 16.7

127 12.5 11.3 16.9





#9

2-Methylnaphthalene

Concen: 2.93 ng

RT: 12.64 min Scan# 833

Delta R.T. -0.01 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS

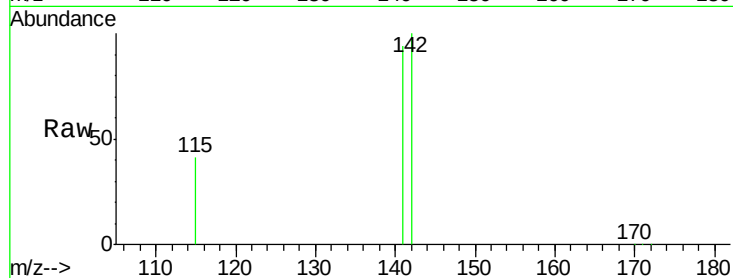
Tgt Ion:142 Resp: 24361

Ion Ratio Lower Upper

142 100

141 93.9 65.1 97.7

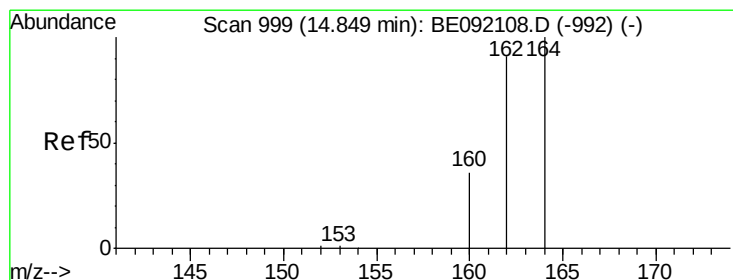
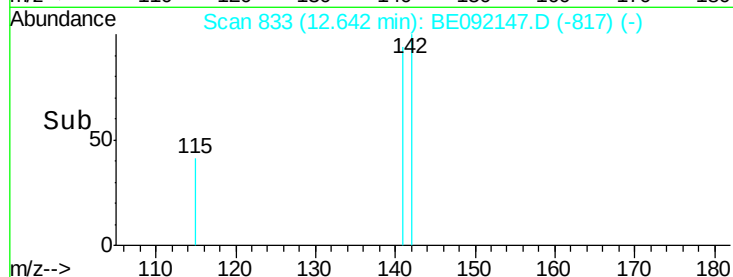
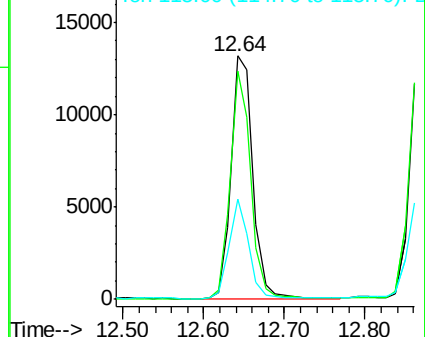
115 41.3 27.0 40.4#



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 998

Delta R.T. -0.02 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

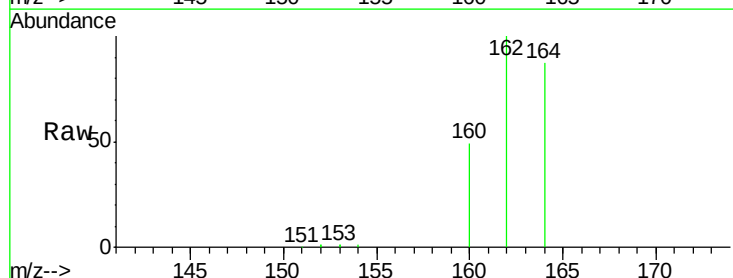
Tgt Ion:164 Resp: 29277

Ion Ratio Lower Upper

164 100

162 115.6 69.5 104.3#

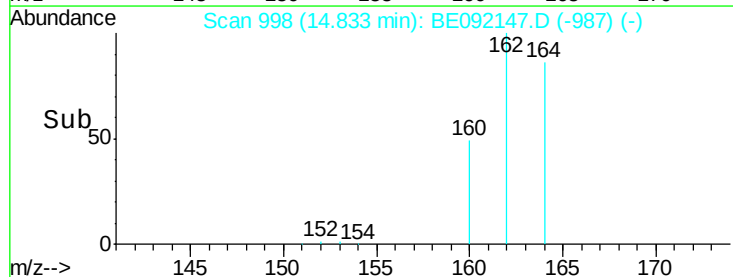
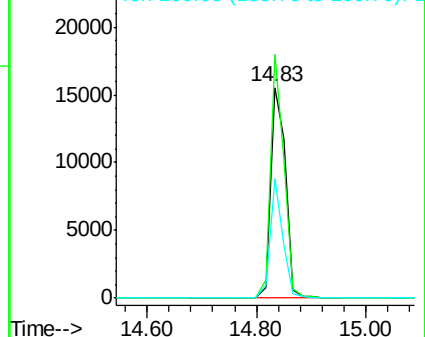
160 57.0 27.6 41.4#

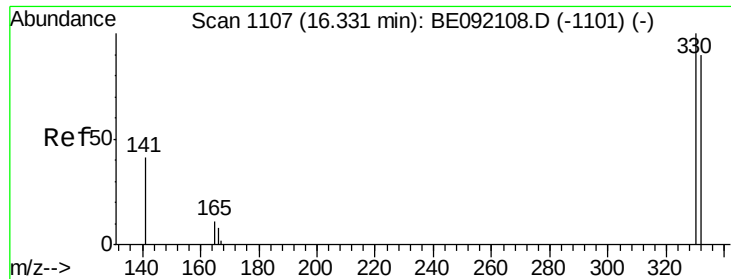


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

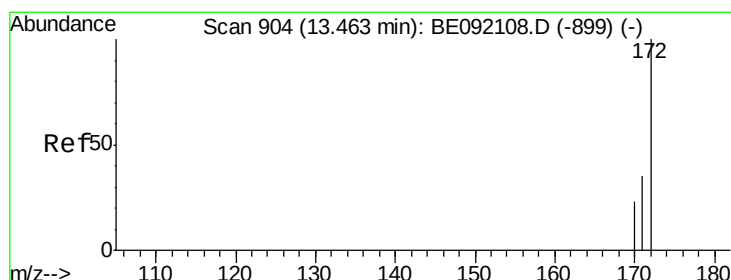
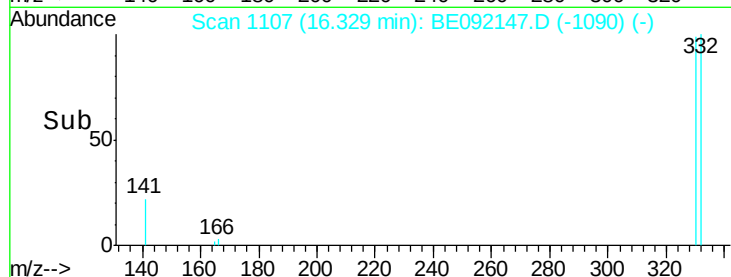
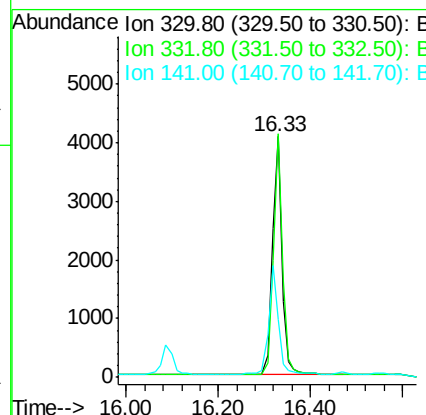
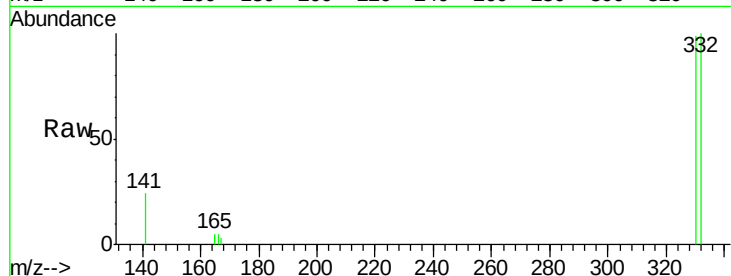




#11  
 2,4,6-Tribromophenol  
 Concen: 6.33 ng  
 RT: 16.33 min Scan# 1107  
 Delta R.T. -0.00 min  
 Lab File: BE092147.D  
 Acq: 3 Aug 2016 15:30

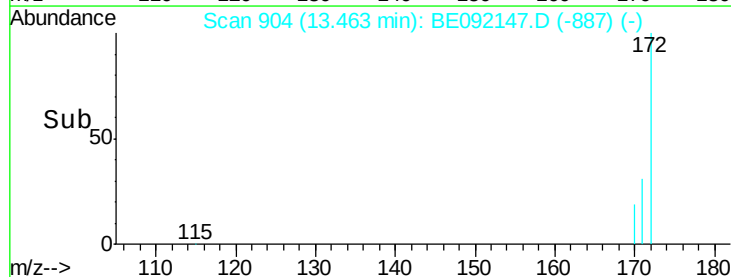
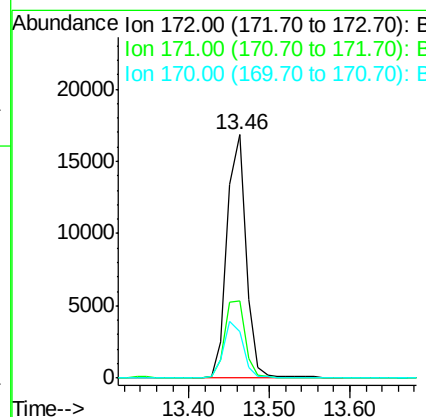
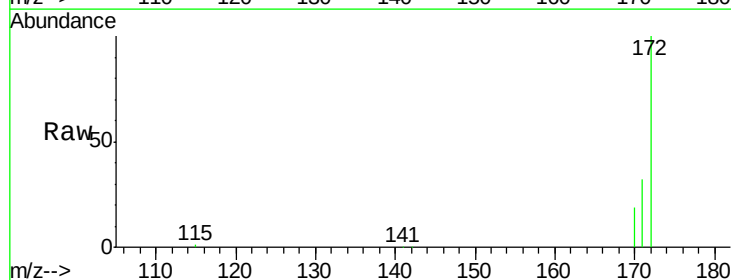
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB92496BS

Tgt Ion:330 Resp: 6018  
 Ion Ratio Lower Upper  
 330 100  
 332 97.3 74.2 111.4  
 141 44.8 139.8 209.8#

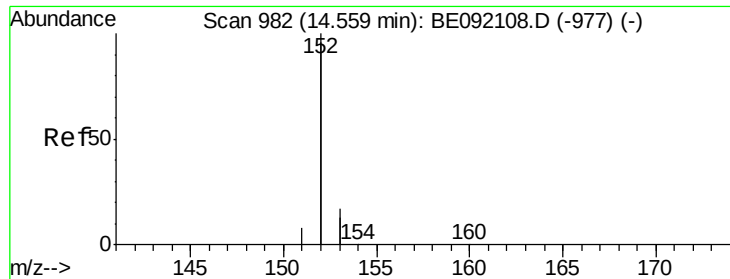


#12  
 2-Fluorobiphenyl  
 Concen: 2.94 ng  
 RT: 13.46 min Scan# 904  
 Delta R.T. -0.00 min  
 Lab File: BE092147.D  
 Acq: 3 Aug 2016 15:30

Tgt Ion:172 Resp: 27252  
 Ion Ratio Lower Upper  
 172 100  
 171 31.5 30.3 45.5  
 170 19.1 21.6 32.4#







#13

Acenaphthylene

Concen: 2.79 ng

RT: 14.54 min Scan# 981

Delta R.T. -0.02 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS

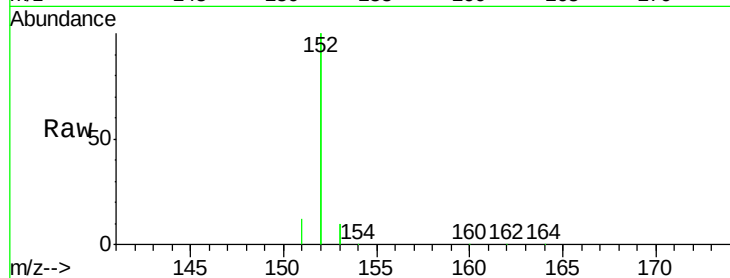
Tgt Ion:152 Resp: 144366

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

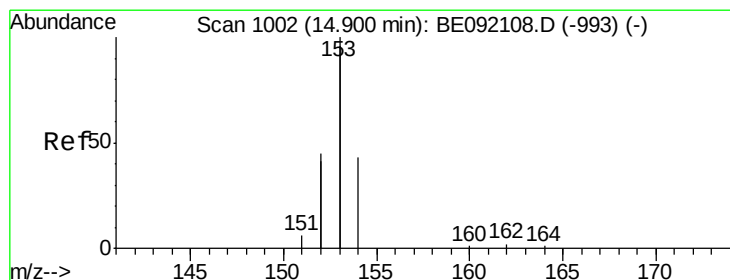
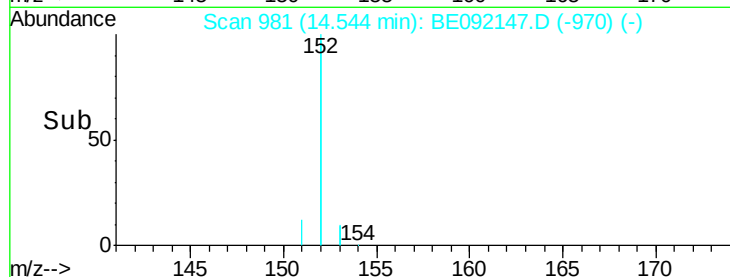
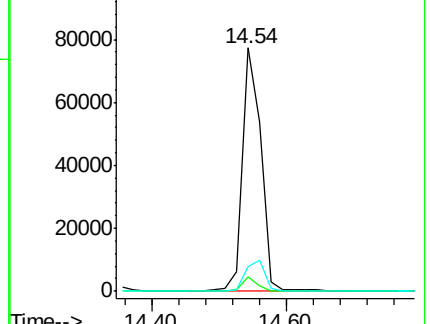
153 13.0 9.6 14.4



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



#14

Acenaphthene

Concen: 2.90 ng

RT: 14.90 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

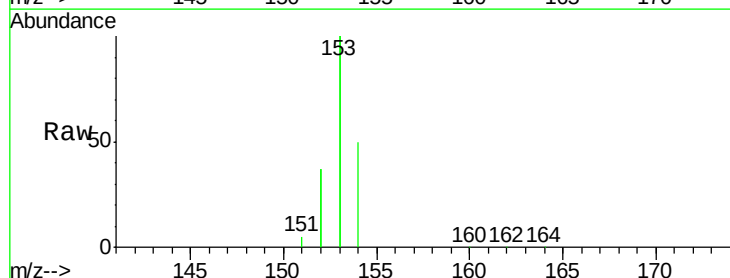
Tgt Ion:154 Resp: 23899

Ion Ratio Lower Upper

154 100

153 418.8 345.1 517.7

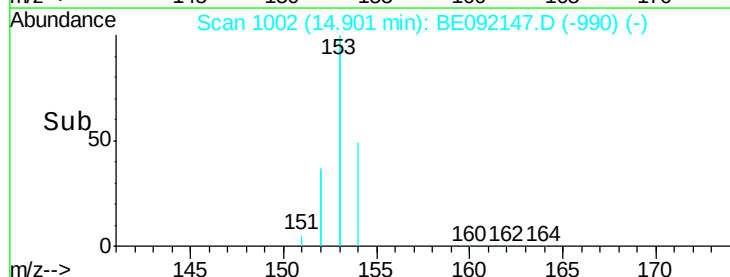
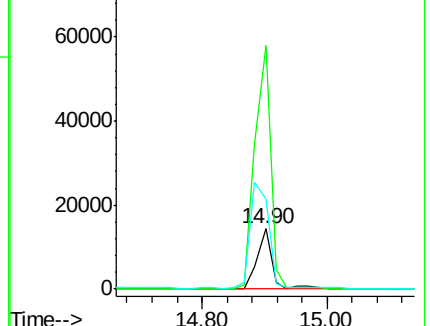
152 210.4 0.0 0.0#

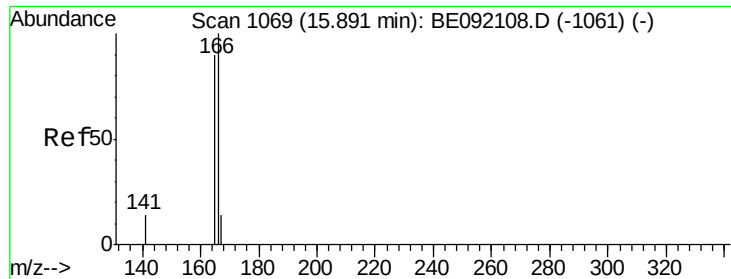


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 2.71 ng

RT: 15.88 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS

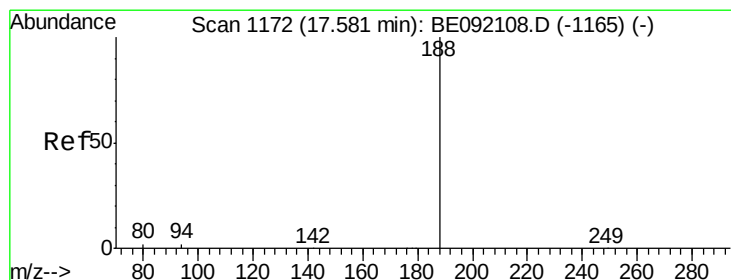
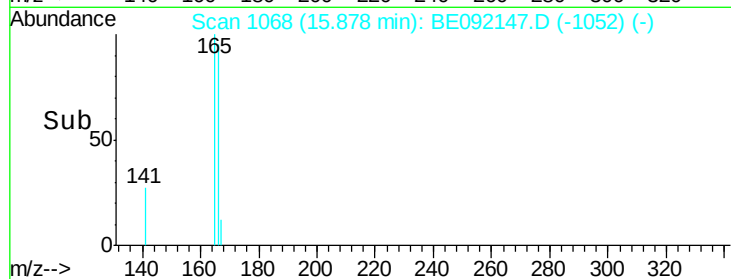
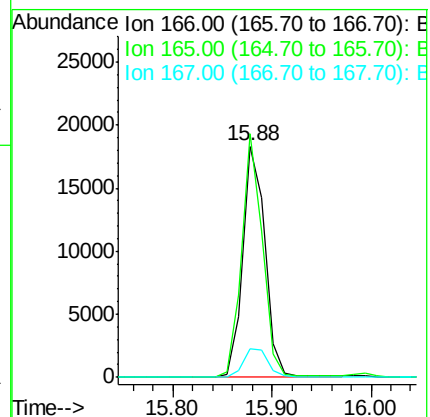
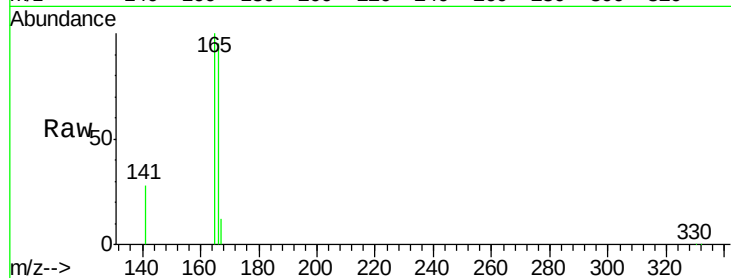
Tgt Ion:166 Resp: 28336

Ion Ratio Lower Upper

166 100

165 98.0 78.6 118.0

167 13.4 11.1 16.7



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

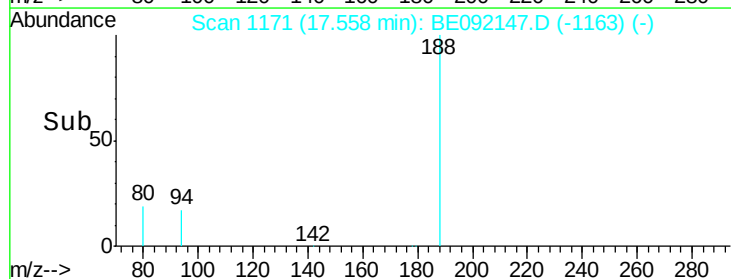
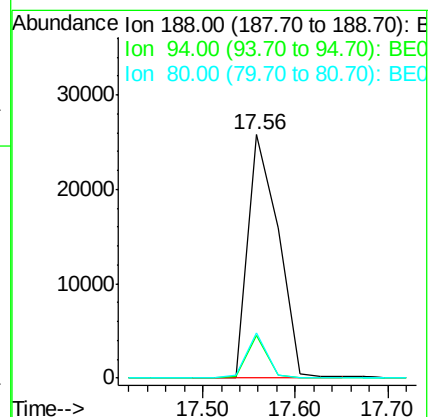
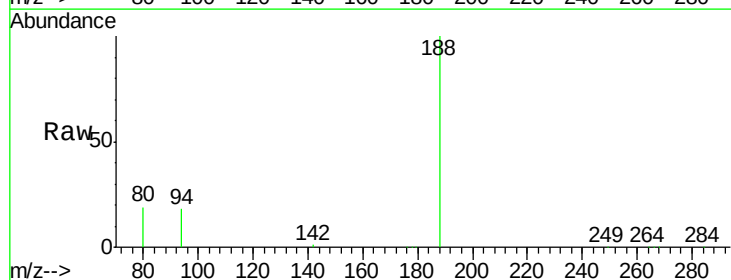
Tgt Ion:188 Resp: 58466

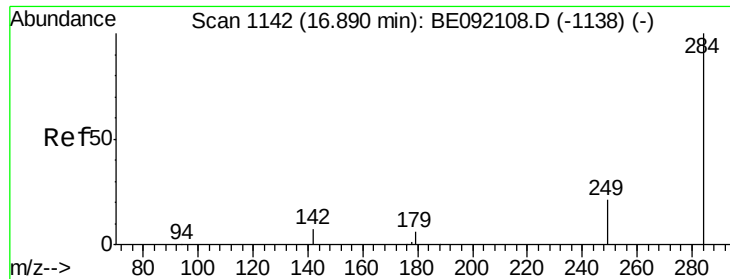
Ion Ratio Lower Upper

188 100

94 17.5 3.9 5.9#

80 18.8 3.4 5.0#

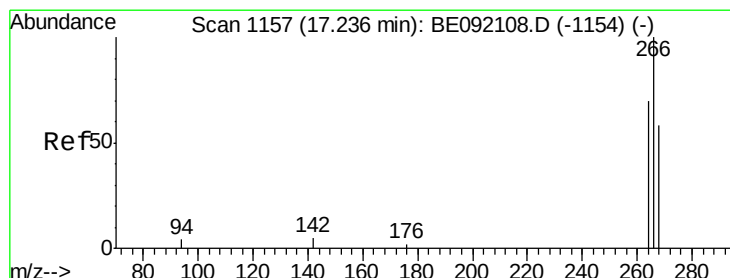
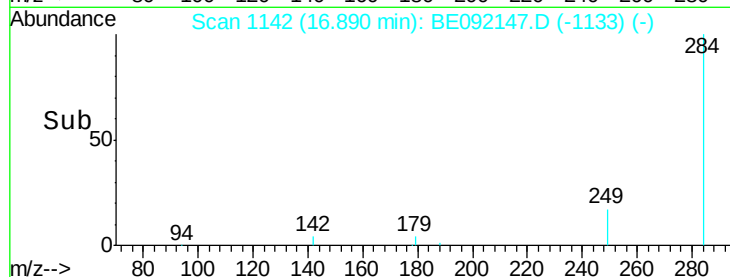
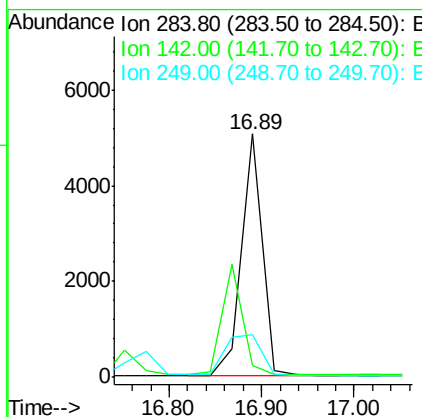
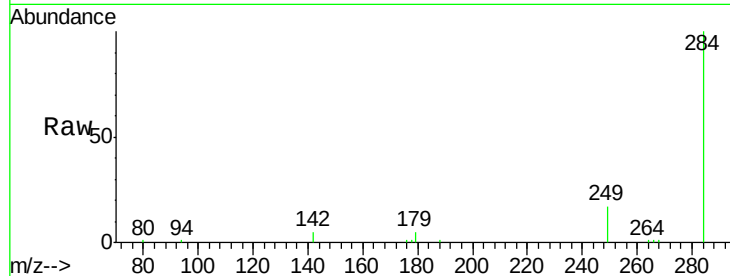




#17  
Hexachlorobenzene  
Concen: 2.76 ng  
RT: 16.89 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: BE092147.D  
Acq: 3 Aug 2016 15:30

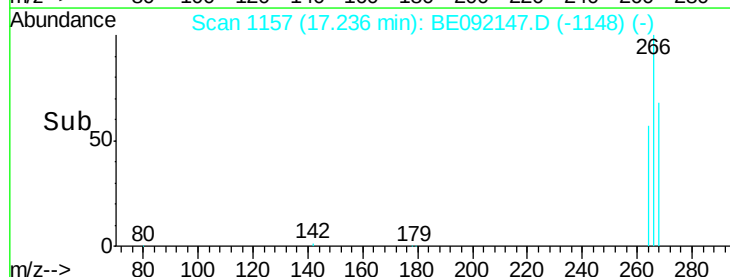
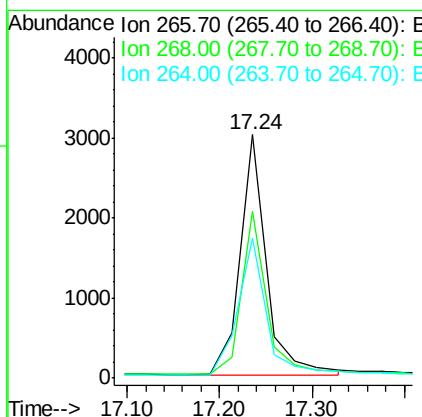
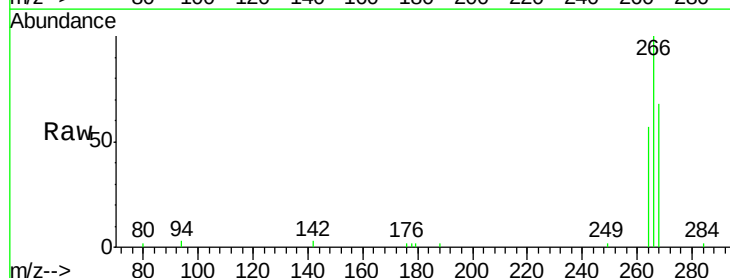
Instrument :  
BNA\_E  
ClientSampleId :  
PB92496BS

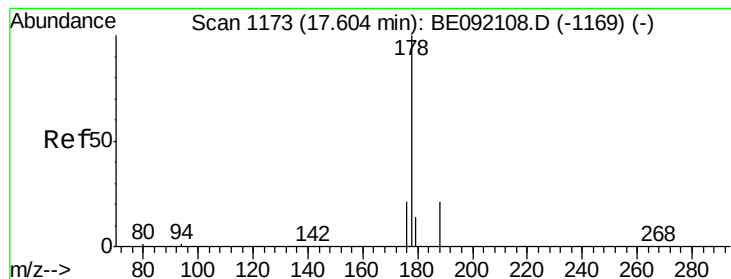
Tgt Ion: 284 Resp: 7899  
Ion Ratio Lower Upper  
284 100  
142 0.0 33.3 49.9#  
249 28.8 25.4 38.0



#18  
Pentachlorophenol  
Concen: 5.59 ng  
RT: 17.24 min Scan# 1157  
Delta R.T. 0.00 min  
Lab File: BE092147.D  
Acq: 3 Aug 2016 15:30

Tgt Ion: 266 Resp: 5949  
Ion Ratio Lower Upper  
266 100  
268 68.3 62.7 94.1  
264 57.2 63.5 95.3#





#19

Phenanthrene

Concen: 3.07 ng

RT: 17.60 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS

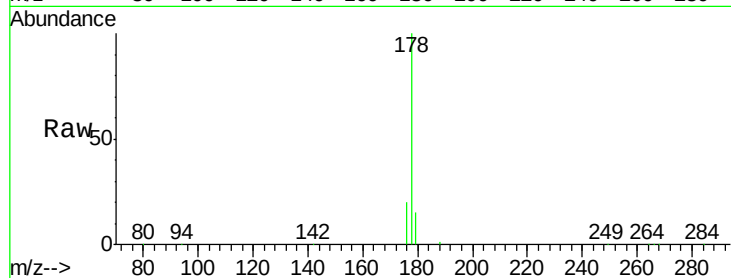
Tgt Ion:178 Resp: 48981

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

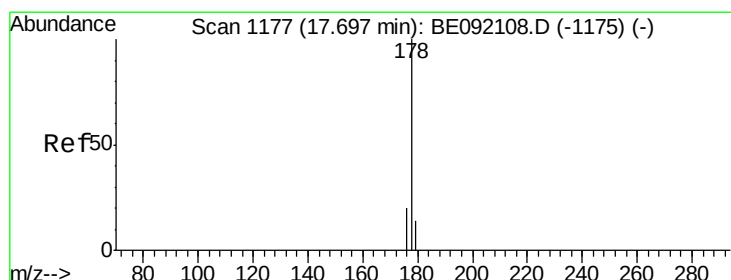
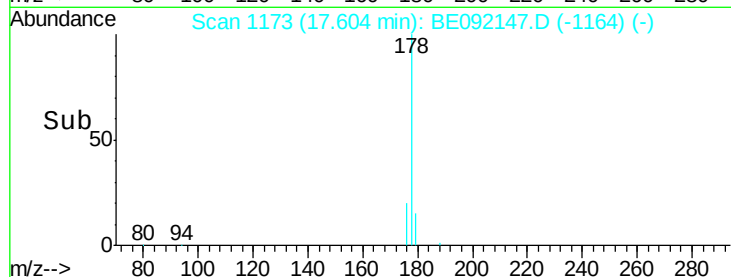
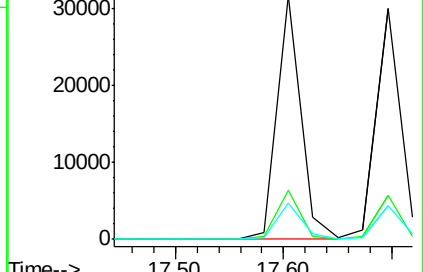
179 15.3 12.7 19.1



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



#20

Anthracene

Concen: 3.03 ng

RT: 17.70 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

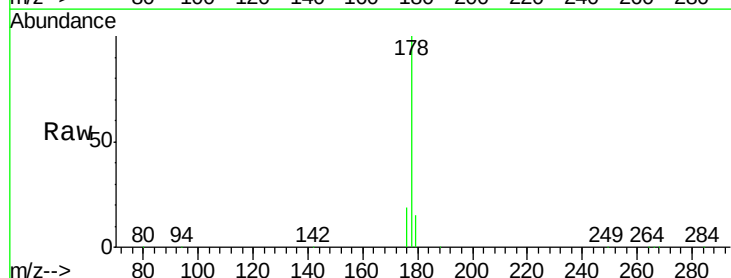
Tgt Ion:178 Resp: 47231

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

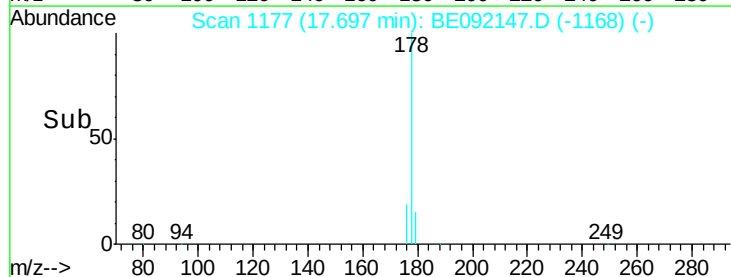
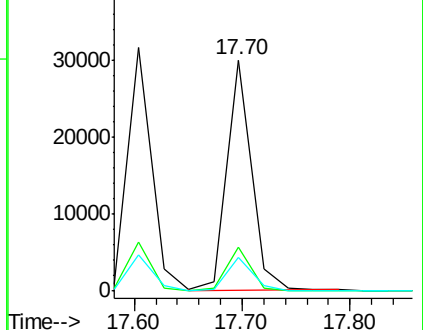
179 14.9 12.2 18.4

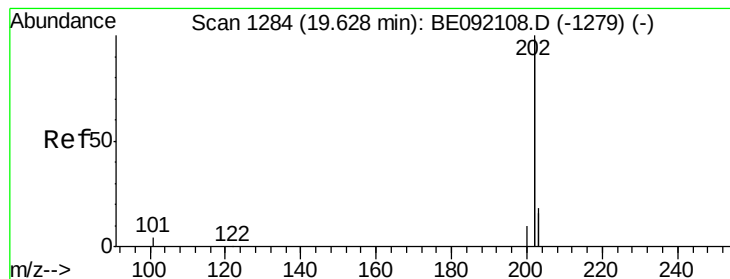


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 2.76 ng

RT: 19.63 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS

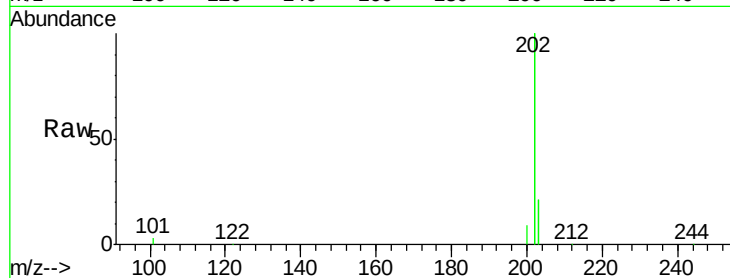
Tgt Ion:202 Resp: 197018

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.2

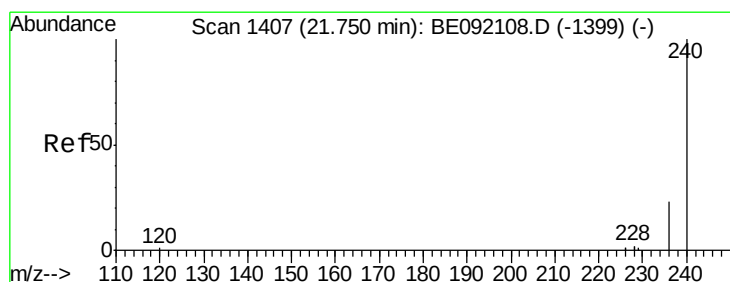
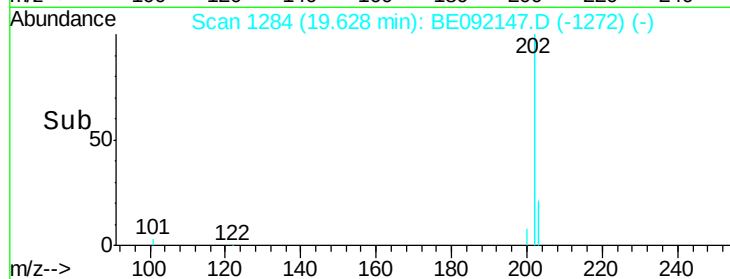
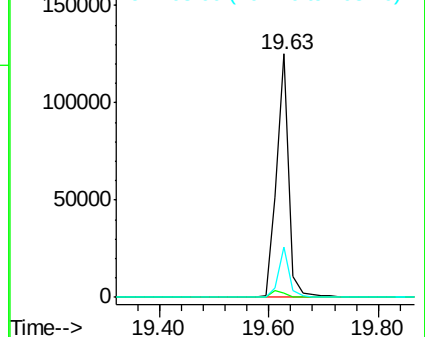
203 18.2 13.0 19.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

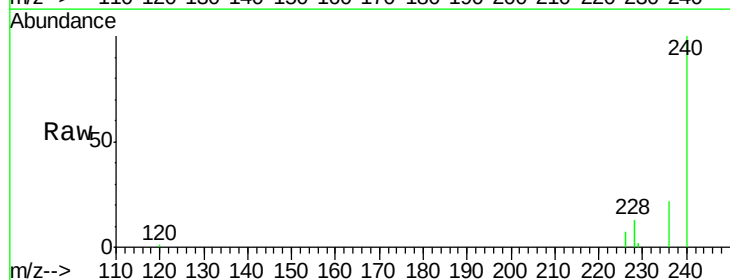
Tgt Ion:240 Resp: 64353

Ion Ratio Lower Upper

240 100

120 1.4 0.6 1.0#

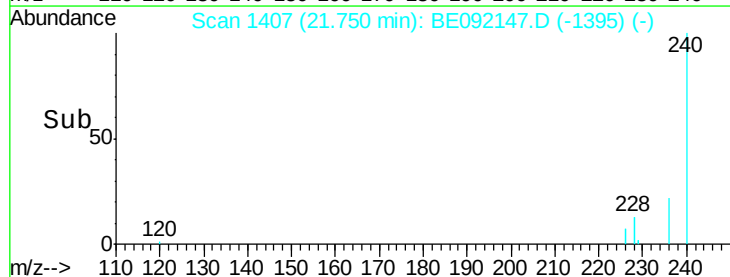
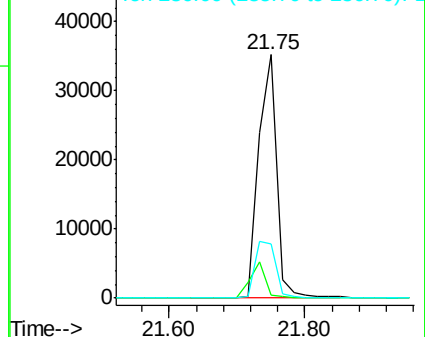
236 22.5 18.2 27.4

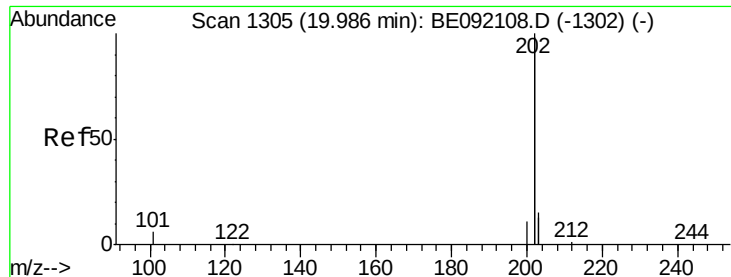


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

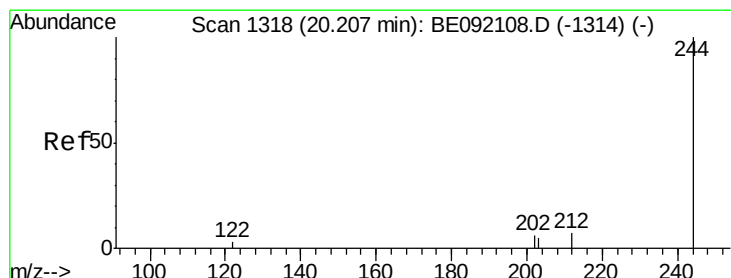
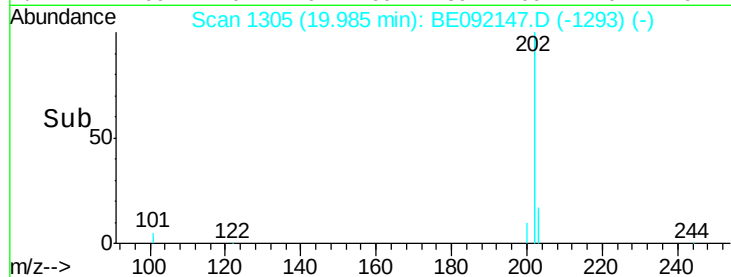
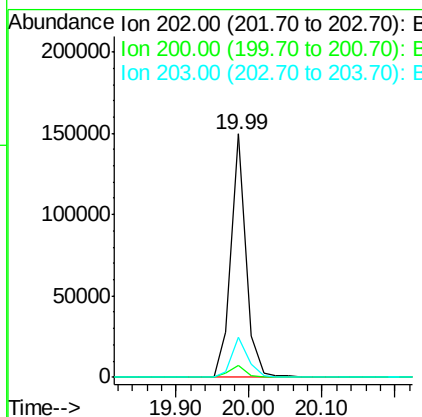
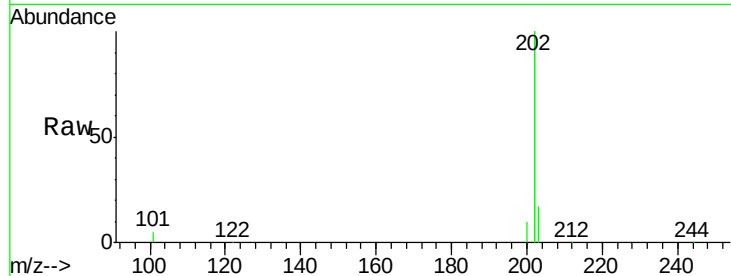




#23  
 Pyrene  
 Concen: 3.14 ng  
 RT: 19.99 min Scan# 1305  
 Delta R.T. -0.00 min  
 Lab File: BE092147.D  
 Acq: 3 Aug 2016 15:30

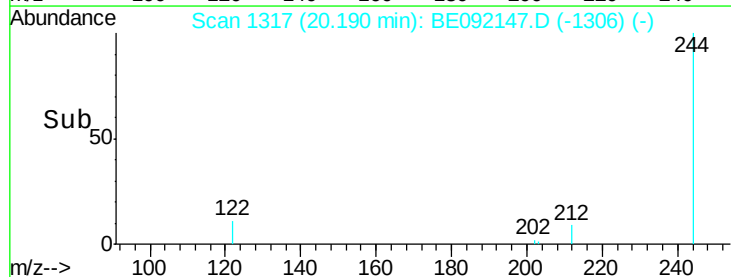
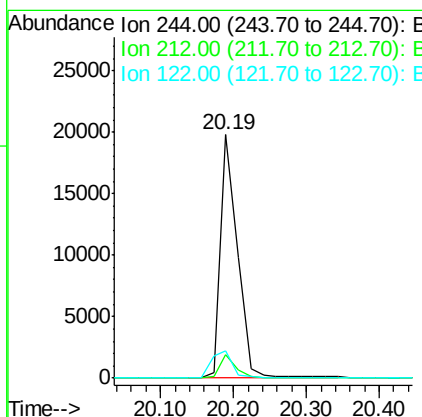
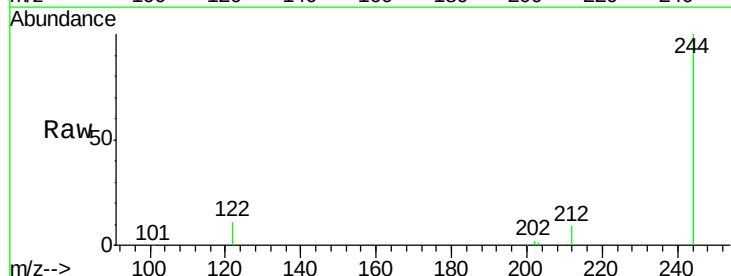
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB92496BS

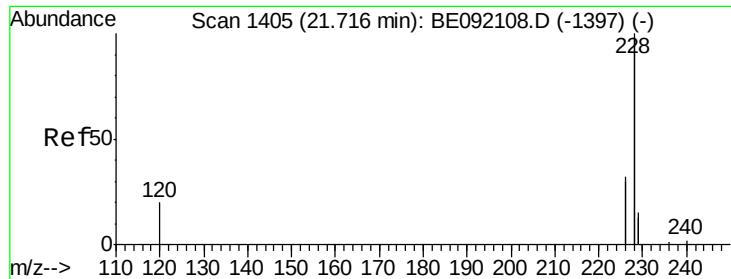
Tgt Ion: 202 Resp: 211245  
 Ion Ratio Lower Upper  
 202 100  
 200 5.3 4.4 6.6  
 203 17.7 13.4 20.0



#24  
 Terphenyl-d14  
 Concen: 3.47 ng  
 RT: 20.19 min Scan# 1317  
 Delta R.T. -0.02 min  
 Lab File: BE092147.D  
 Acq: 3 Aug 2016 15:30

Tgt Ion: 244 Resp: 32092  
 Ion Ratio Lower Upper  
 244 100  
 212 9.5 9.1 13.7  
 122 11.1 11.0 16.4

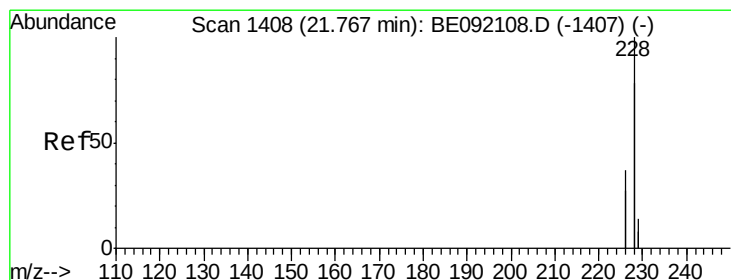
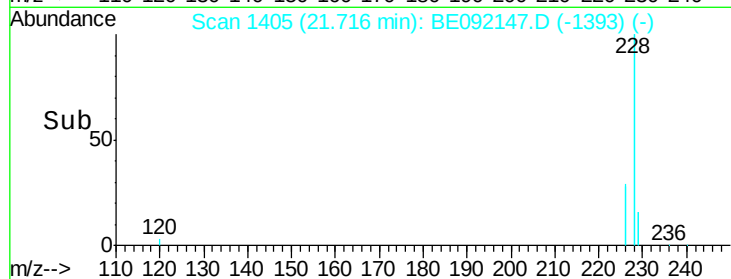
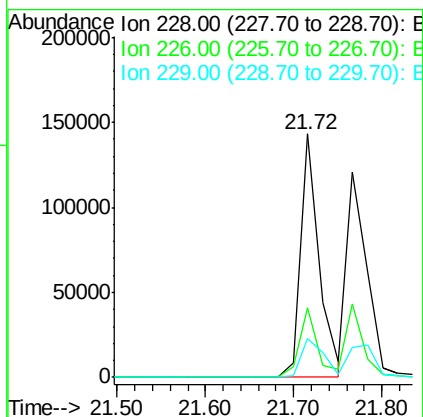
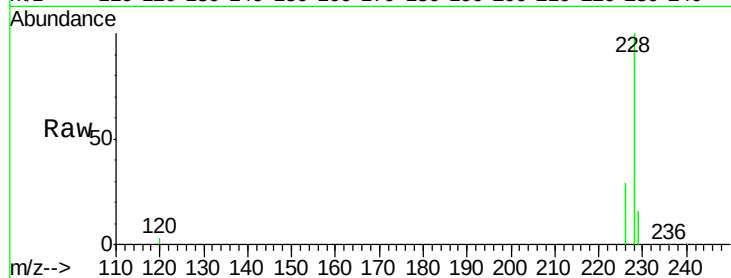




#25  
Benzo(a)anthracene  
Concen: 2.94 ng  
RT: 21.72 min Scan# 1405  
Delta R.T. -0.00 min  
Lab File: BE092147.D  
Acq: 3 Aug 2016 15:30

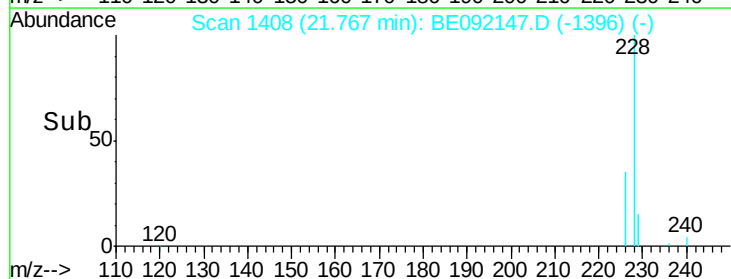
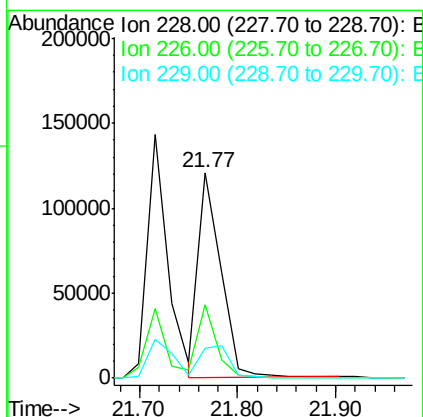
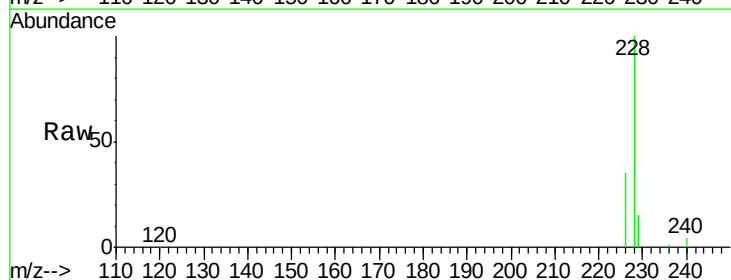
Instrument :  
BNA\_E  
ClientSampleId :  
PB92496BS

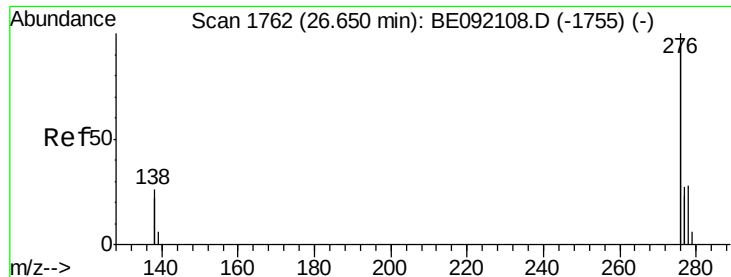
Tgt Ion: 228 Resp: 207712  
Ion Ratio Lower Upper  
228 100  
226 28.7 22.1 33.1  
229 15.8 15.1 22.7



#26  
Chrysene  
Concen: 2.74 ng  
RT: 21.77 min Scan# 1408  
Delta R.T. -0.00 min  
Lab File: BE092147.D  
Acq: 3 Aug 2016 15:30

Tgt Ion: 228 Resp: 194016  
Ion Ratio Lower Upper  
228 100  
226 35.4 22.3 33.5#  
229 14.5 16.9 25.3#

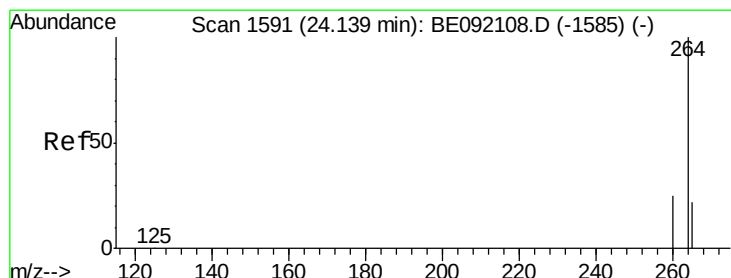
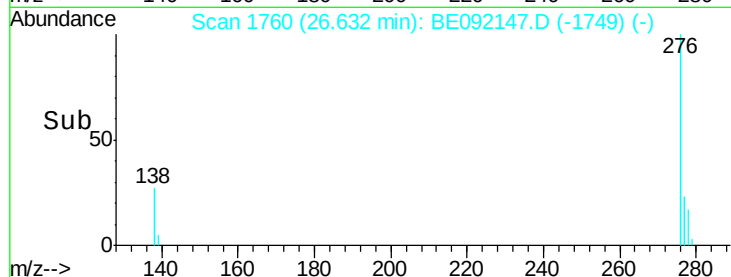
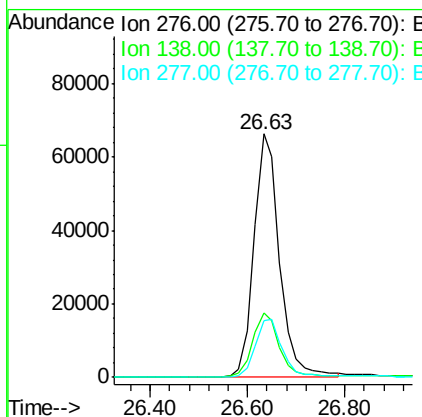
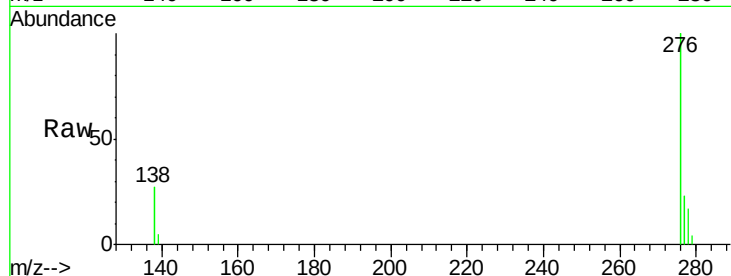




#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.15 ng  
 RT: 26.63 min Scan# 1760  
 Delta R.T. -0.02 min  
 Lab File: BE092147.D  
 Acq: 3 Aug 2016 15:30

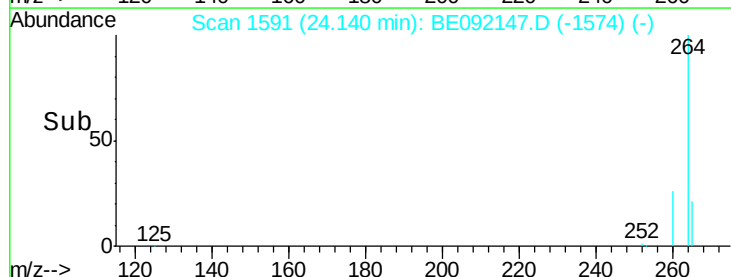
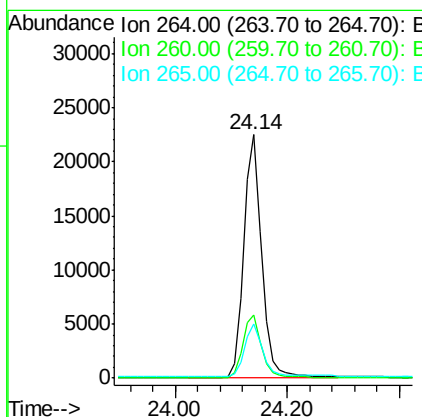
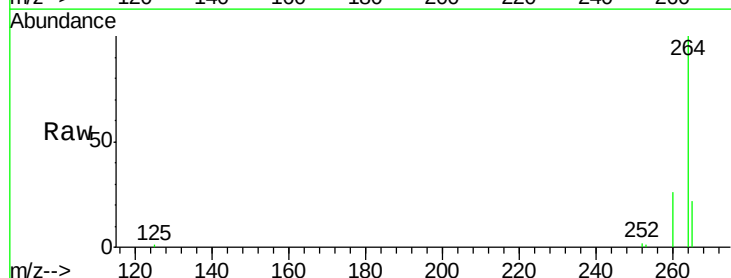
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB92496BS

Tgt Ion: 276 Resp: 242487  
 Ion Ratio Lower Upper  
 276 100  
 138 27.1 21.2 31.8  
 277 24.7 19.8 29.8

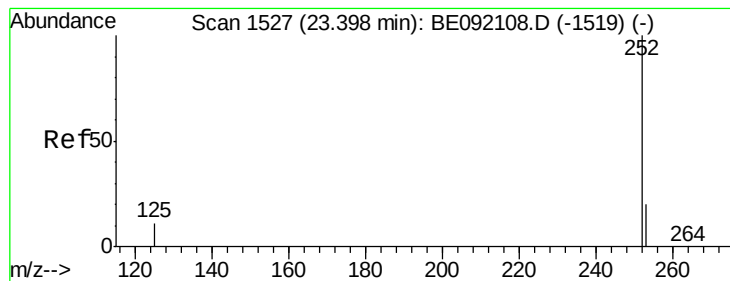


#28  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 24.14 min Scan# 1591  
 Delta R.T. 0.00 min  
 Lab File: BE092147.D  
 Acq: 3 Aug 2016 15:30

Tgt Ion: 264 Resp: 50203  
 Ion Ratio Lower Upper  
 264 100  
 260 25.8 20.8 31.2  
 265 22.3 16.6 25.0







#29

Benzo(b)fluoranthene

Concen: 3.81 ng

RT: 23.40 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS

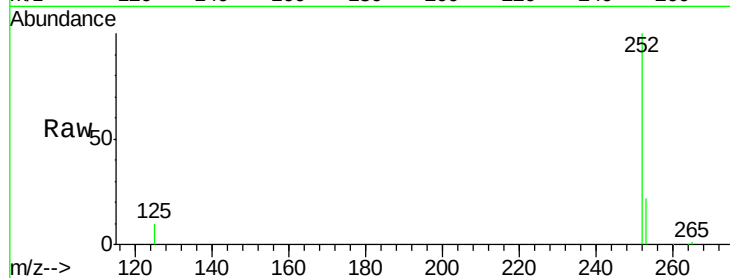
Tgt Ion:252 Resp: 52339

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

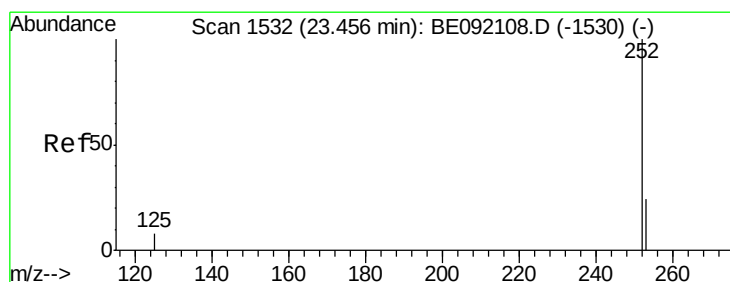
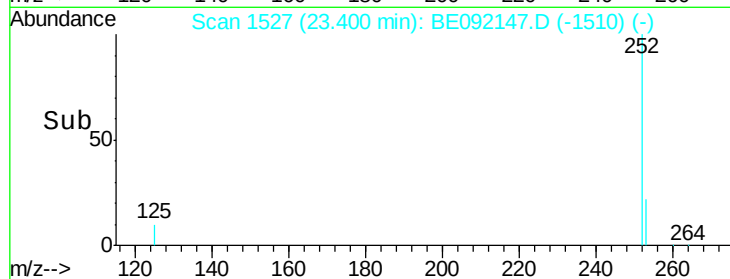
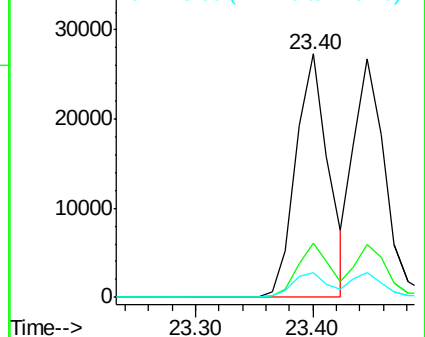
125 10.2 10.2 15.2



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



#30

Benzo(k)fluoranthene

Concen: 3.78 ng

RT: 23.45 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

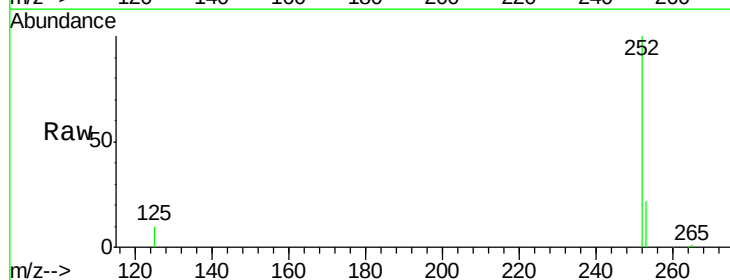
Tgt Ion:252 Resp: 49760

Ion Ratio Lower Upper

252 100

253 22.1 19.4 29.0

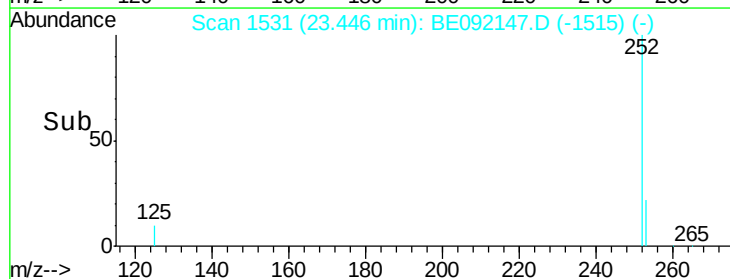
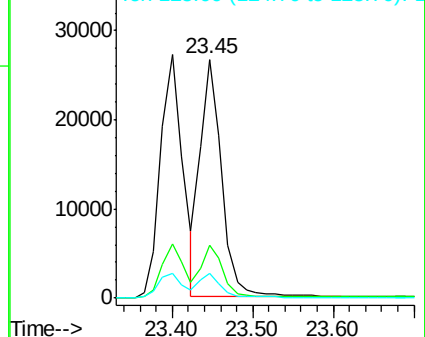
125 10.4 8.9 13.3

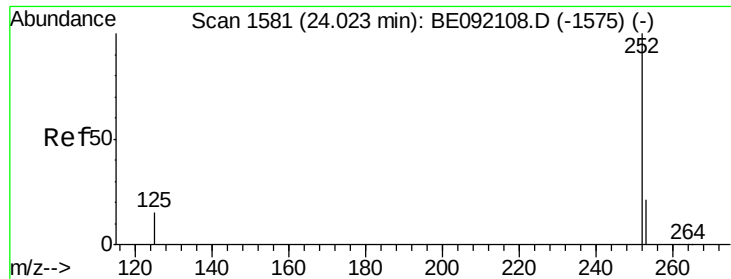


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 3.56 ng

RT: 24.02 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS

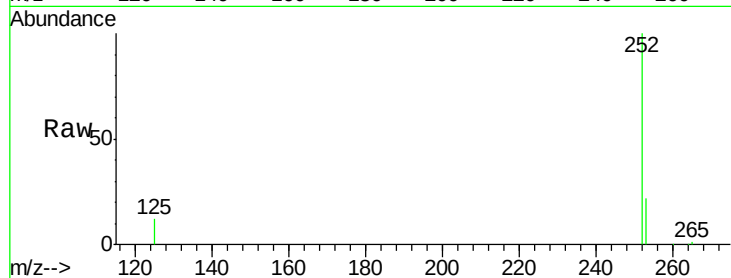
Tgt Ion:252 Resp: 44909

Ion Ratio Lower Upper

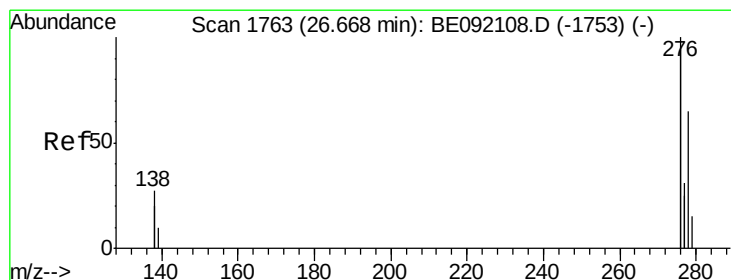
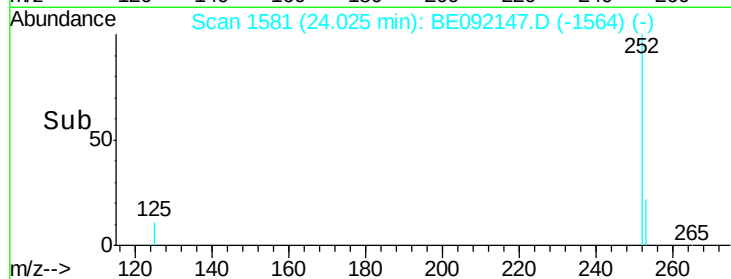
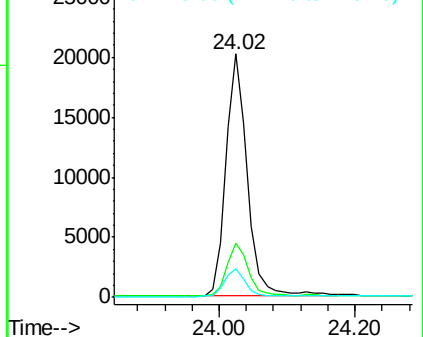
252 100

253 22.3 19.8 29.8

125 11.6 10.4 15.6



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



#32

Dibenzo(a,h)anthracene

Concen: 4.35 ng

RT: 26.67 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BE092147.D

Acq: 3 Aug 2016 15:30

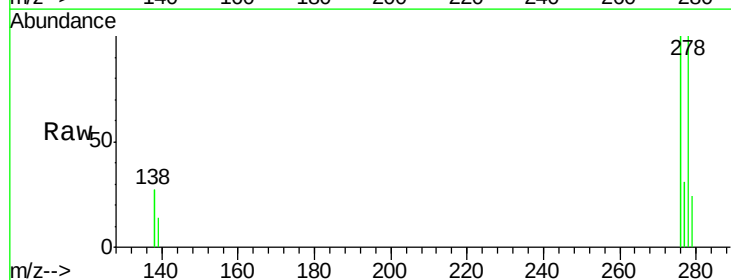
Tgt Ion:278 Resp: 52379

Ion Ratio Lower Upper

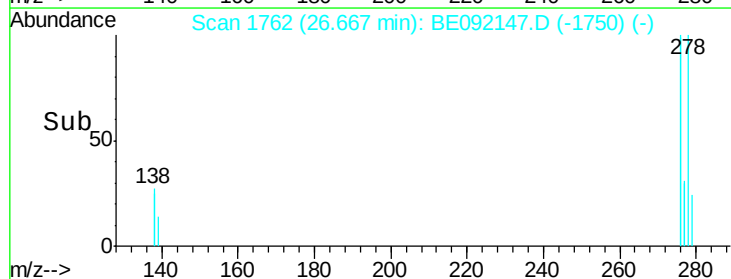
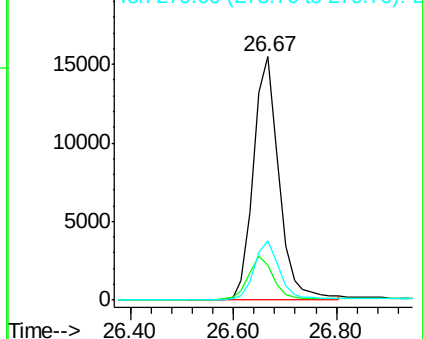
278 100

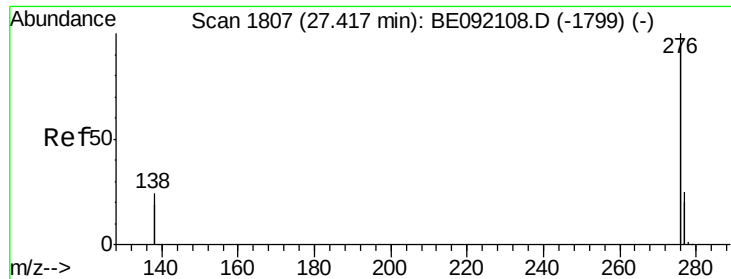
139 14.1 16.7 25.1#

279 24.1 20.3 30.5



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





#33

Benzo(g,h,i)perylene

Concen: 3.93 ng

RT: 27.42 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE092147.D

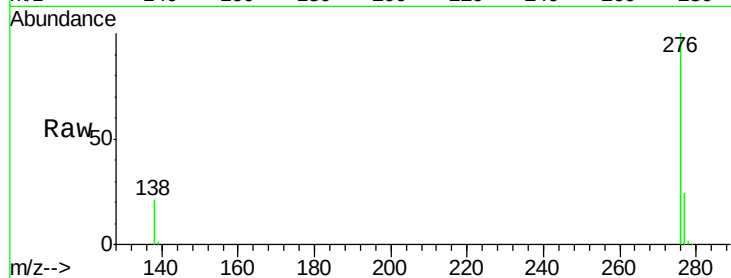
Acq: 3 Aug 2016 15:30

Instrument :

BNA\_E

ClientSampleId :

PB92496BS



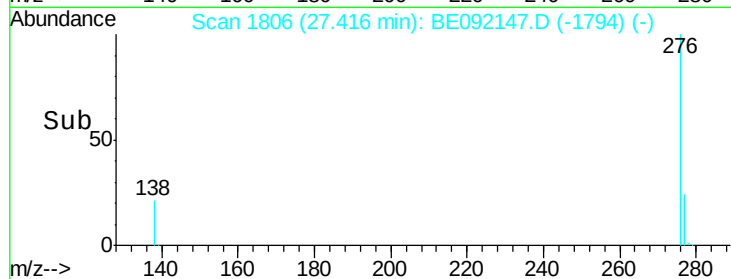
Tgt Ion: 276 Resp: 202357

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 21.4 20.8 31.2



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

