

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080717\  
 Data File : BE093698.D  
 Acq On : 7 Aug 2017 12:23  
 Operator : SJ/JU  
 Sample : SSTDICC3.2  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

Quant Time: Aug 07 13:21:22 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 07 11:34:36 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 2761     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.71 | 136  | 13737    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.53 | 164  | 7957     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.24 | 188  | 21077    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.40 | 240  | 22032    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.91 | 264  | 18421    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.51  | 112 | 28167  | 3.42 | ng | 0.00 |
| 5) Phenol-d6                | 7.09  | 99  | 43247  | 3.49 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.06  | 82  | 41666  | 3.97 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152 | 71237  | 3.28 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.00 | 330 | 8380   | 4.55 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.15 | 172 | 98267  | 3.09 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.27 | 212 | 717121 | 3.00 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.86 | 244 | 122631 | 3.10 | ng | 0.00 |

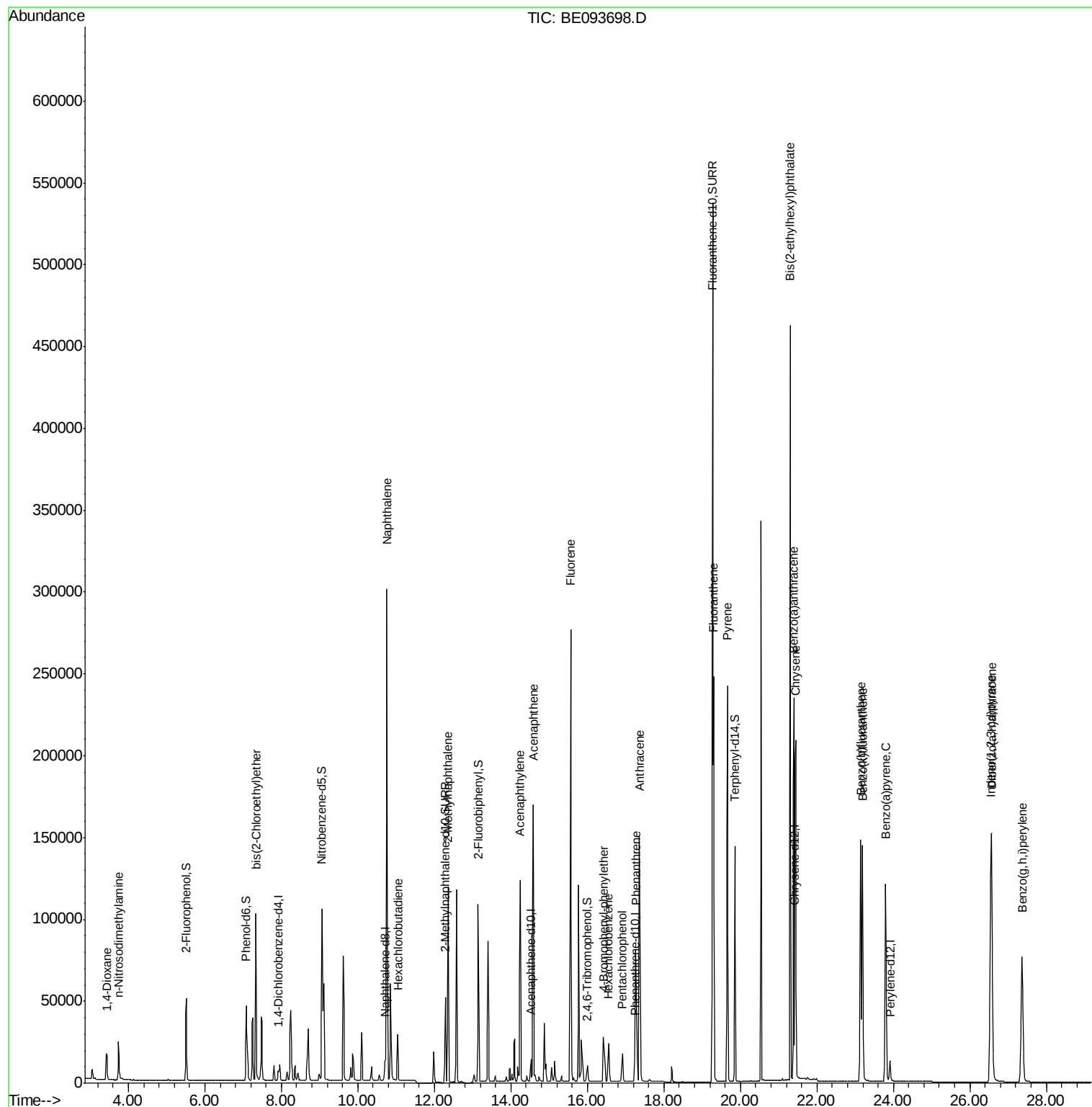
|                                |       |     |        |        |    |       |
|--------------------------------|-------|-----|--------|--------|----|-------|
| Target Compounds               |       |     |        | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.44  | 88  | 12258  | 2.739  | ng | 91    |
| 3) n-Nitrosodimethylamine      | 3.74  | 42  | 15103  | 3.602  | ng | 94    |
| 6) bis(2-Chloroethyl)ether     | 7.34  | 93  | 34060  | 3.271  | ng | # 99  |
| 9) Naphthalene                 | 10.76 | 128 | 495005 | 3.113  | ng | 99    |
| 10) Hexachlorobutadiene        | 11.04 | 225 | 18587  | 3.155  | ng | 98    |
| 12) 2-Methylnaphthalene        | 12.36 | 142 | 85486  | 3.250  | ng | 97    |
| 16) Acenaphthylene             | 14.24 | 152 | 136427 | 3.588  | ng | # 87  |
| 17) Acenaphthene               | 14.58 | 154 | 88793  | 3.310  | ng | 96    |
| 18) Fluorene                   | 15.56 | 166 | 110549 | 3.083  | ng | # 88  |
| 20) 4-Bromophenyl-phenylether  | 16.42 | 248 | 16444  | 2.468  | ng | # 1   |
| 21) Hexachlorobenzene          | 16.55 | 284 | 17395  | 2.561  | ng | # 100 |
| 22) Pentachlorophenol          | 16.91 | 266 | 16561  | 5.694  | ng | 93    |
| 23) Phenanthrene               | 17.27 | 178 | 134669 | 2.906  | ng | # 78  |
| 24) Anthracene                 | 17.37 | 178 | 224788 | 3.547  | ng | # 90  |
| 26) Fluoranthene               | 19.30 | 202 | 221280 | 2.998  | ng | 99    |
| 28) Pyrene                     | 19.66 | 202 | 224887 | 3.159  | ng | # 99  |
| 30) Benzo(a)anthracene         | 21.39 | 228 | 220733 | 3.408  | ng | 95    |
| 31) Chrysene                   | 21.45 | 228 | 221629 | 3.069  | ng | 96    |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 463240 | 5.246  | ng | 98    |
| 33) Indeno(1,2,3-cd)pyrene     | 26.55 | 276 | 213682 | 3.267  | ng | 94    |
| 35) Benzo(b)fluoranthene       | 23.14 | 252 | 204397 | 3.110  | ng | # 93  |
| 36) Benzo(k)fluoranthene       | 23.19 | 252 | 210547 | 3.134  | ng | # 92  |
| 37) Benzo(a)pyrene             | 23.80 | 252 | 194671 | 3.269  | ng | # 91  |
| 38) Dibenzo(a,h)anthracene     | 26.57 | 278 | 186398 | 3.243  | ng | # 88  |
| 39) Benzo(g,h,i)perylene       | 27.36 | 276 | 183937 | 3.155  | ng | # 91  |

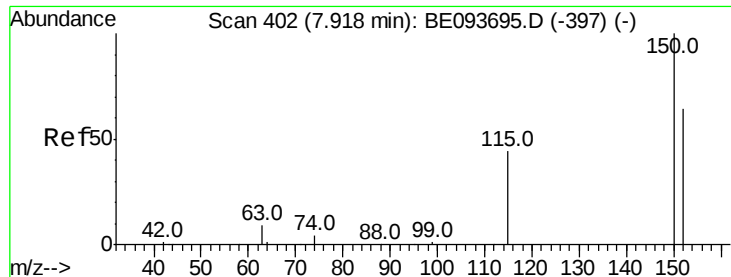
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 07 11:34:36 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

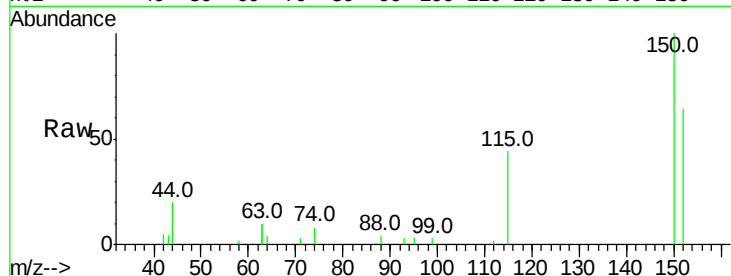
Tot Ion:152 Resp: 2761

Ion Ratio Lower Upper

152 100

150 157.5 125.1 187.7

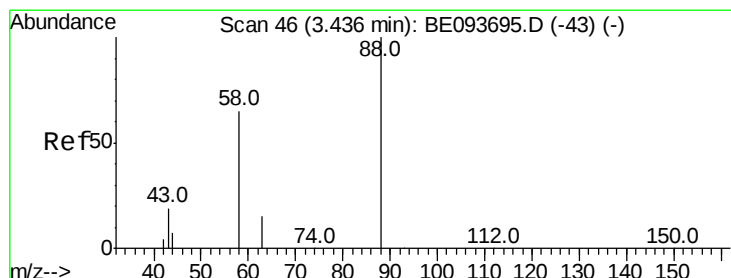
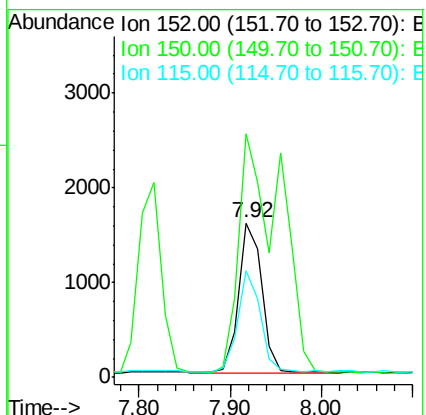
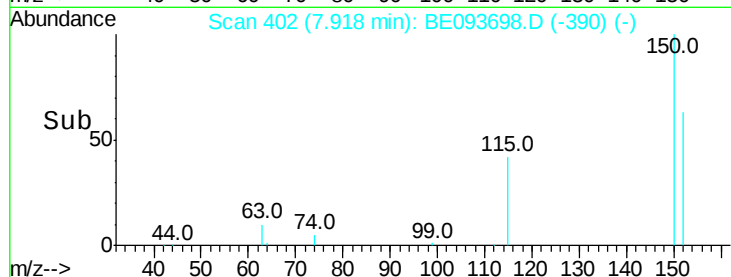
115 69.1 55.7 83.5



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: 2.739 ng

RT: 3.44 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

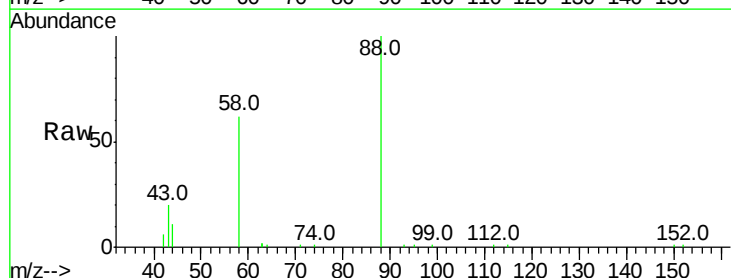
Tgt Ion: 88 Resp: 12258

Ion Ratio Lower Upper

88 100

58 87.6 62.2 93.4

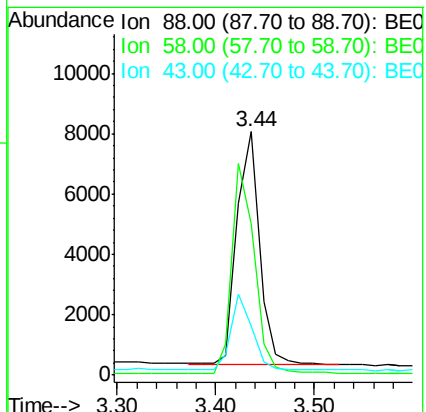
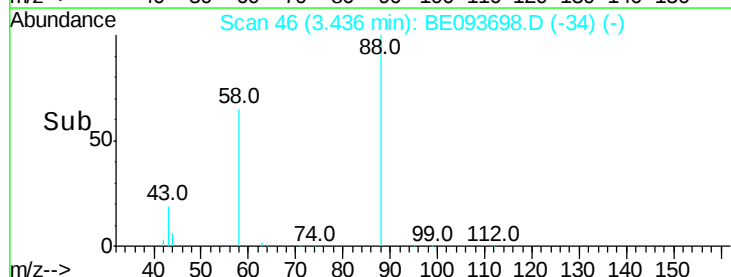
43 29.7 23.2 34.8

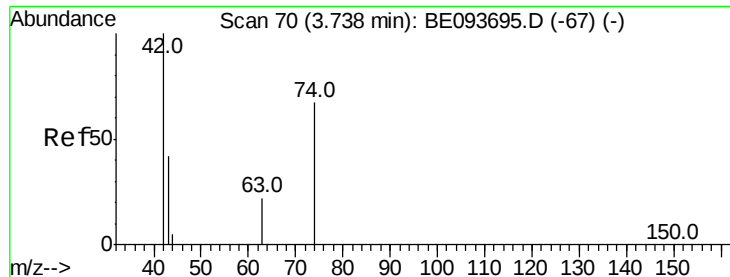


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



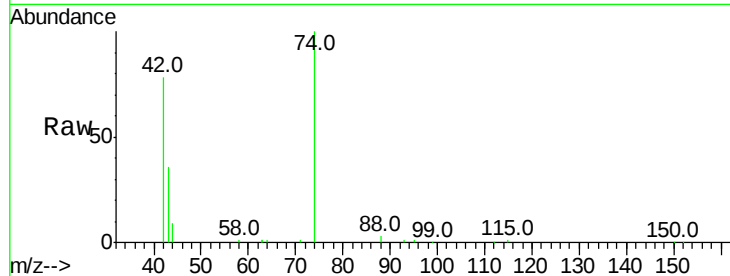


#3

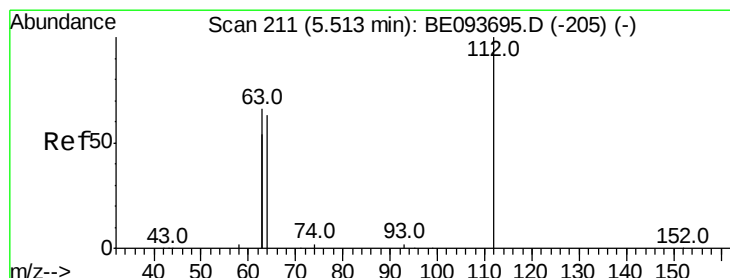
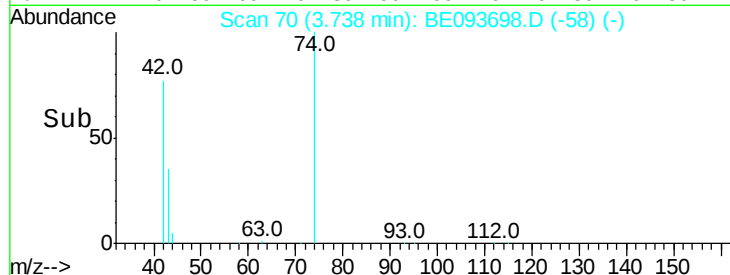
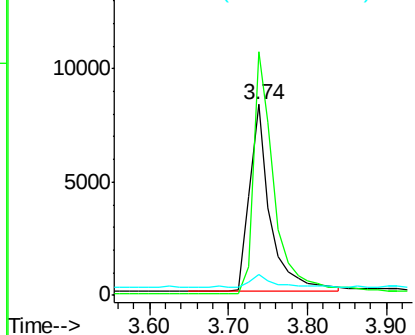
n-Nitrosodimethylamine  
Concen: 3.602 ng  
RT: 3.74 min Scan# 70  
Delta R.T. -0.00 min  
Lab File: BE093698.D  
Acq: 7 Aug 2017 12:23

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

Tot Ion: 42 Resp: 15103  
Ion Ratio Lower Upper  
42 100  
74 130.9 99.1 148.7  
44 8.4 7.4 11.2



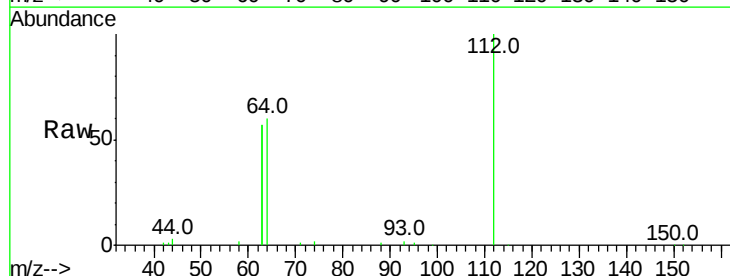
Abundance Ion 42.00 (41.70 to 42.70): BE0  
Ion 74.00 (73.70 to 74.70): BE0  
Ion 44.00 (43.70 to 44.70): BE0



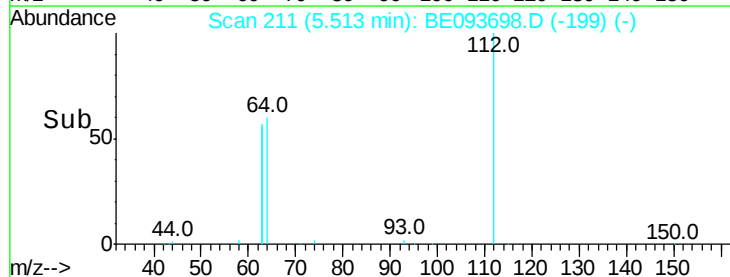
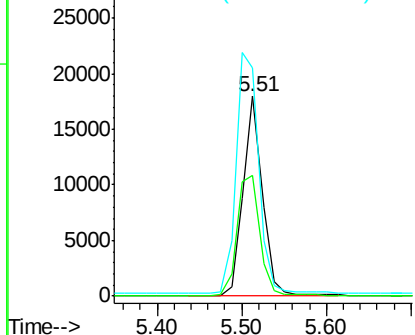
#4

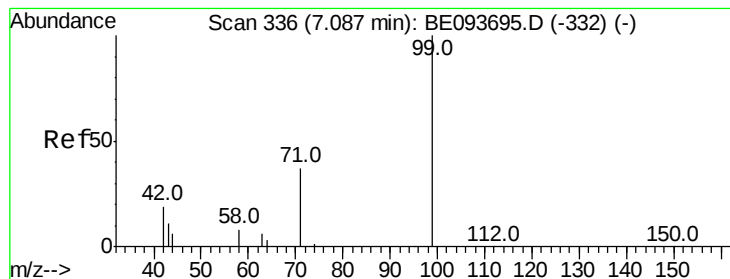
2-Fluorophenol  
Concen: 3.424 ng  
RT: 5.51 min Scan# 211  
Delta R.T. -0.00 min  
Lab File: BE093698.D  
Acq: 7 Aug 2017 12:23

Tgt Ion: 112 Resp: 28167  
Ion Ratio Lower Upper  
112 100  
64 71.5 56.4 84.6  
63 142.9 29.3 43.9#



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: 3.492 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

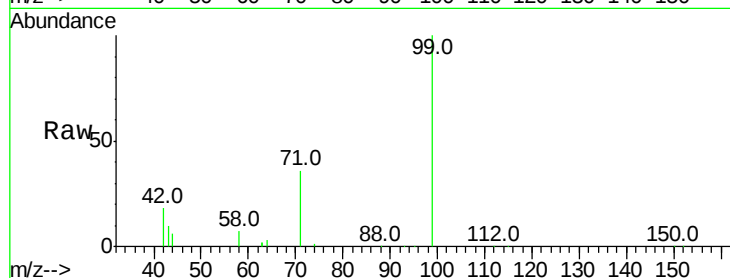
Tot Ion: 99 Resp: 43247

Ion Ratio Lower Upper

99 100

42 20.2 0.0 0.0#

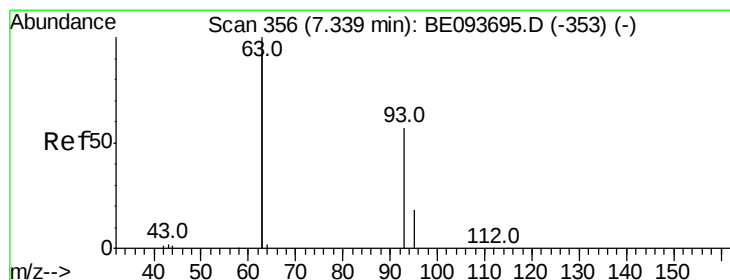
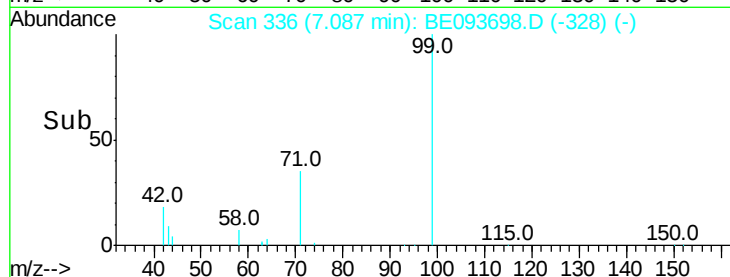
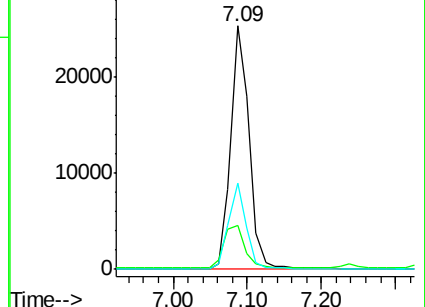
71 33.8 0.0 0.0#



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

bis(2-Chloroethyl)ether

Concen: 3.271 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

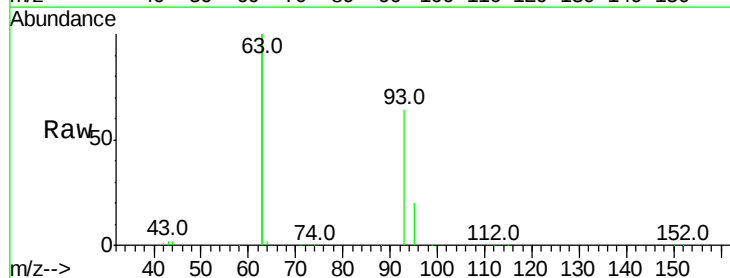
Tgt Ion: 93 Resp: 34060

Ion Ratio Lower Upper

93 100

63 351.2 0.0 0.0#

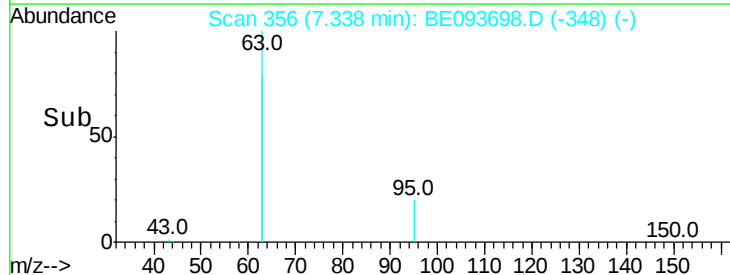
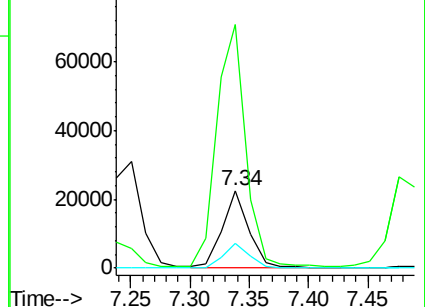
95 32.5 25.4 38.0

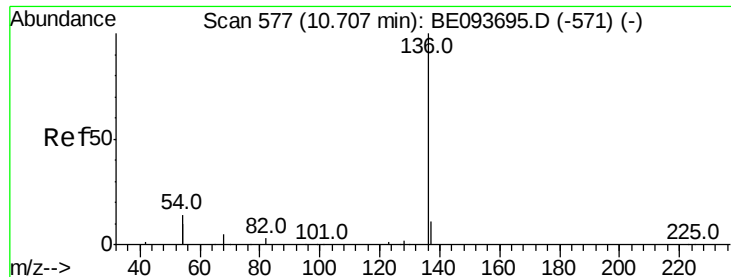


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 13737

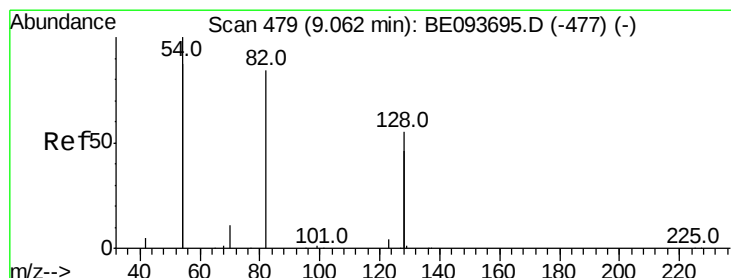
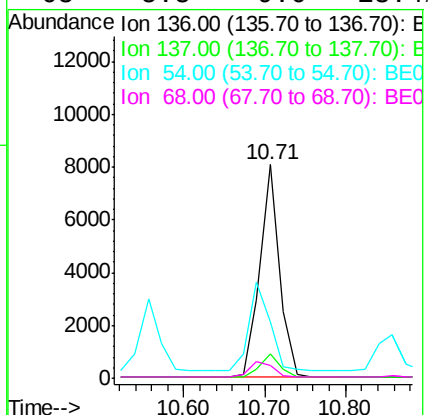
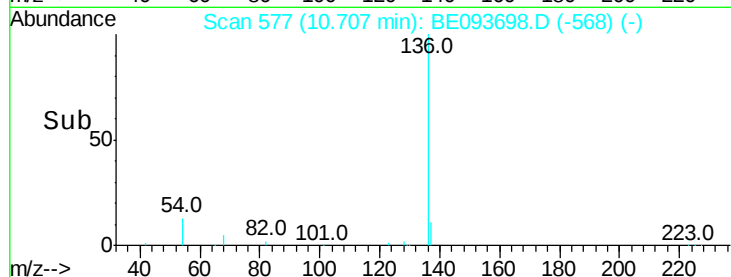
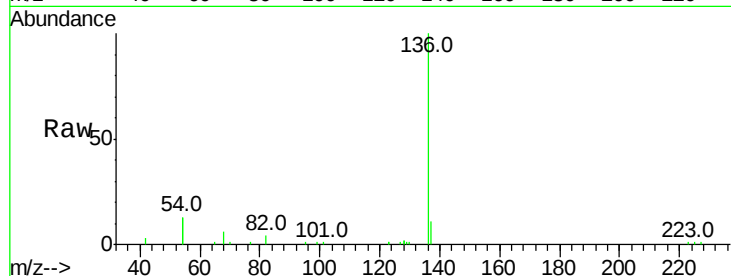
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 26.6 10.3 15.5#

68 5.8 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 3.974 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

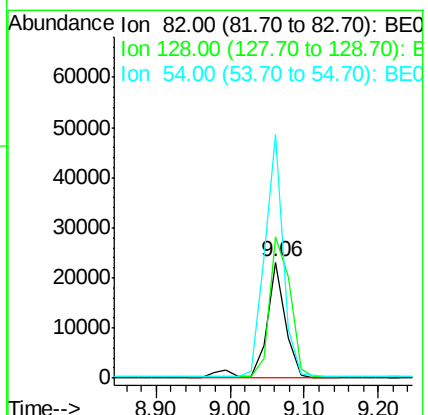
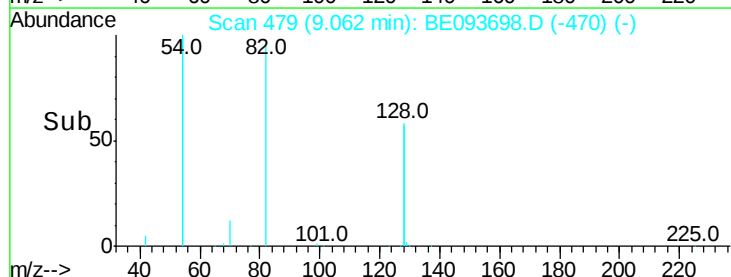
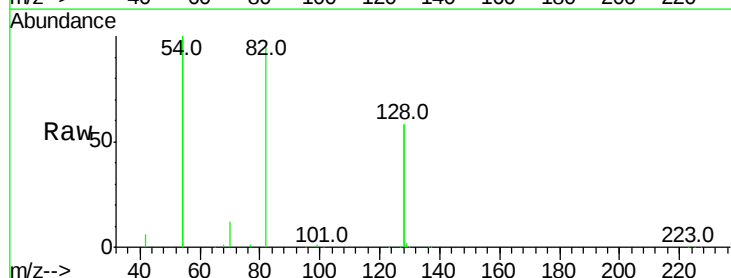
Tgt Ion: 82 Resp: 41666

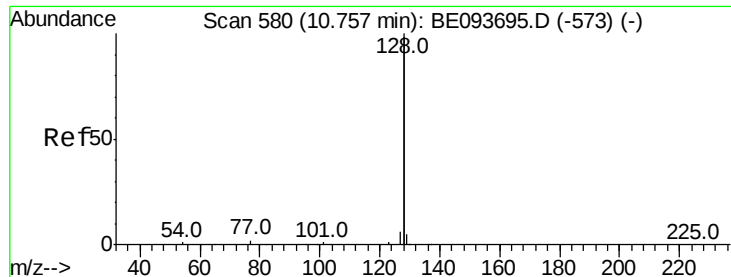
Ion Ratio Lower Upper

82 100

128 121.5 17.0 25.4#

54 210.2 53.8 80.6#





#9

Naphthalene

Concen: 3.113 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

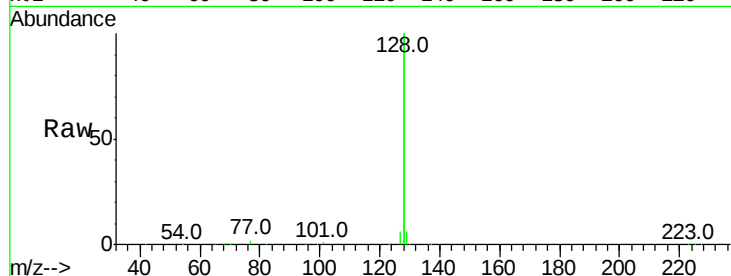
Tot Ion:128 Resp: 495005

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

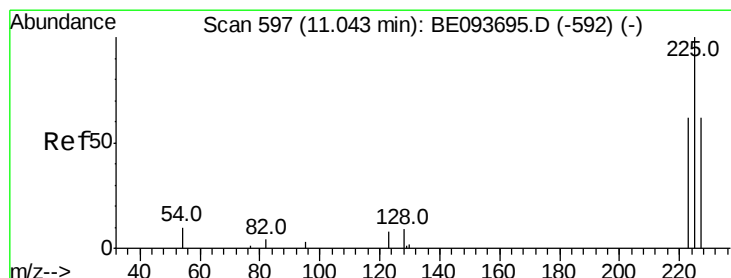
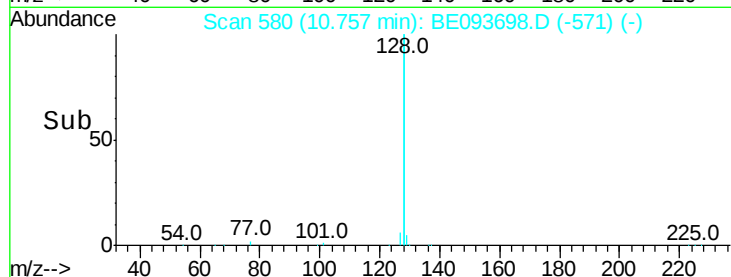
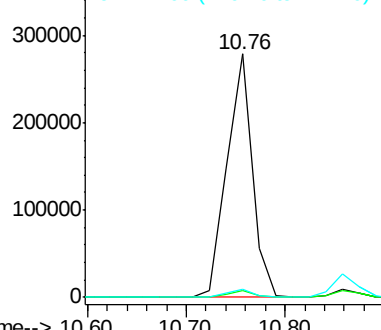
127 3.1 2.4 3.6



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: 3.155 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

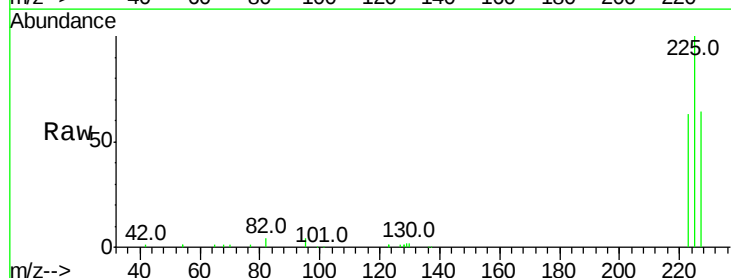
Tgt Ion:225 Resp: 18587

Ion Ratio Lower Upper

225 100

223 63.4 49.7 74.5

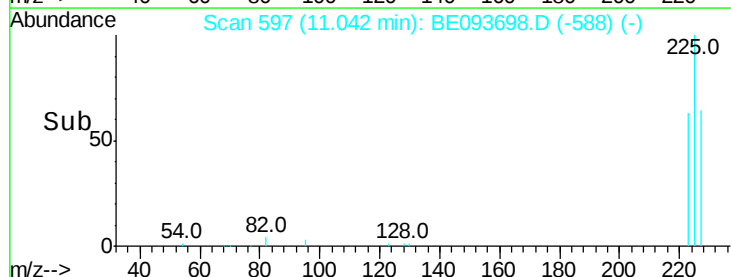
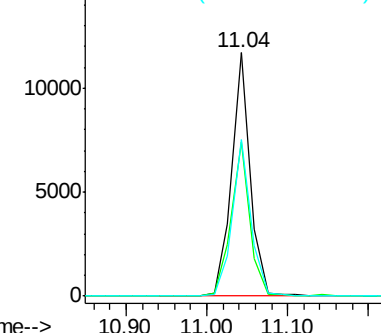
227 64.3 50.3 75.5

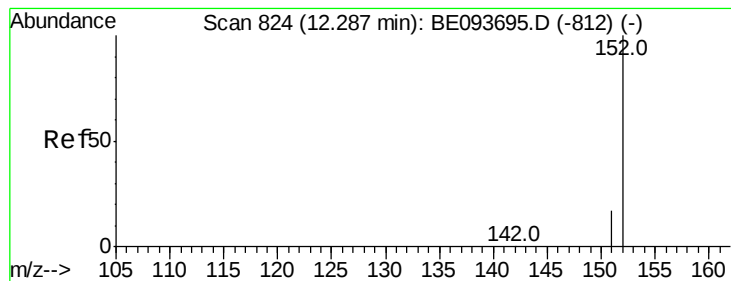


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.282 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

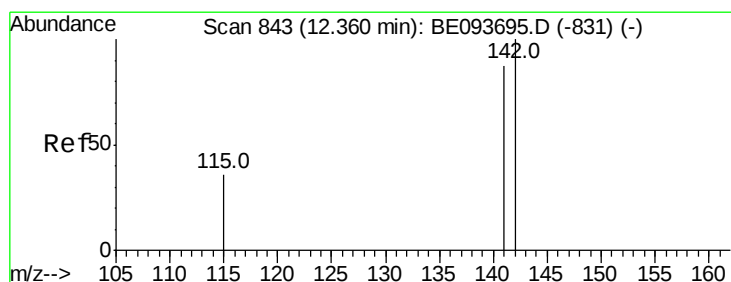
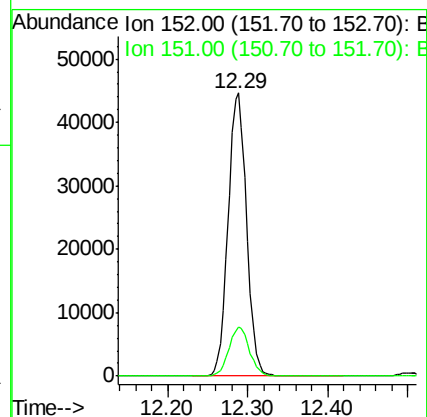
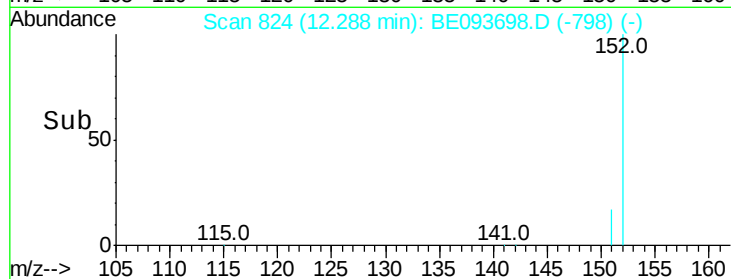
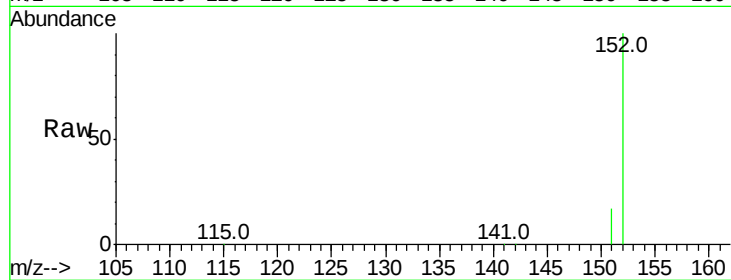
SSTDICC3.2

Tot Ion:152 Resp: 71237

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



#12

2-Methylnaphthalene

Concen: 3.250 ng

RT: 12.36 min Scan# 843

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

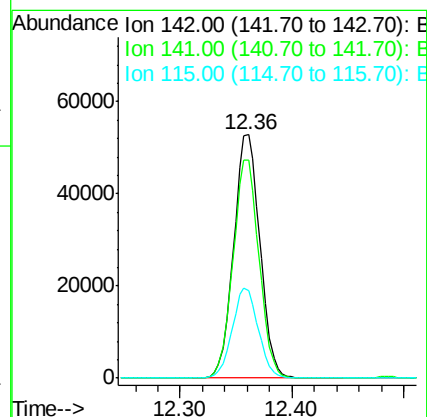
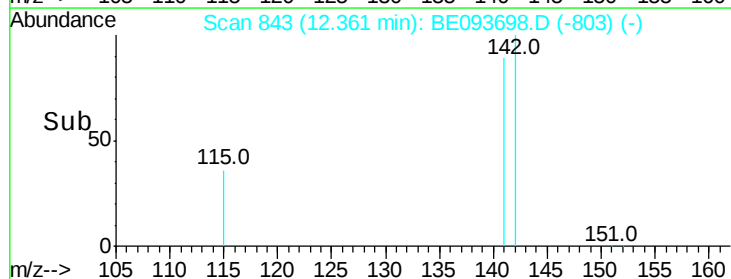
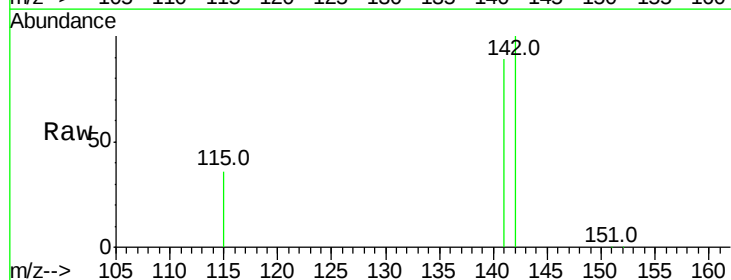
Tgt Ion:142 Resp: 85486

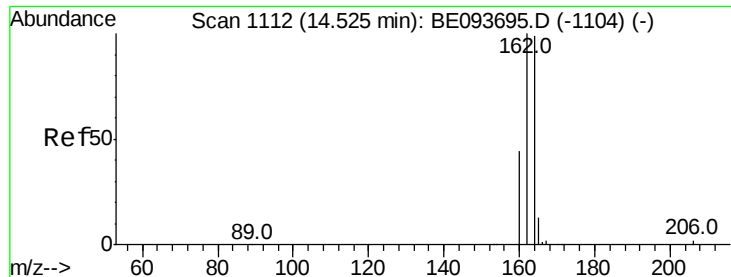
Ion Ratio Lower Upper

142 100

141 89.4 72.6 108.8

115 36.1 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

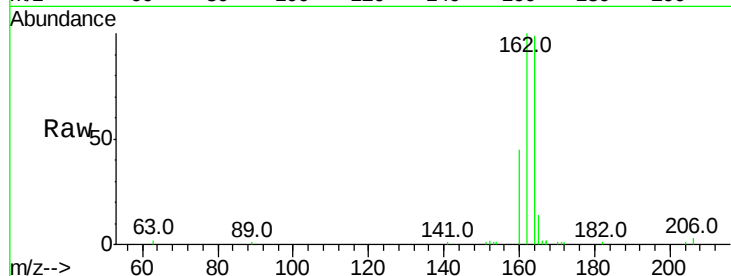
Tot Ion:164 Resp: 7957

Ion Ratio Lower Upper

164 100

162 101.1 84.6 127.0

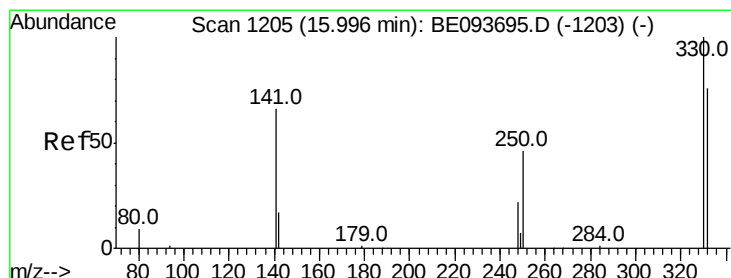
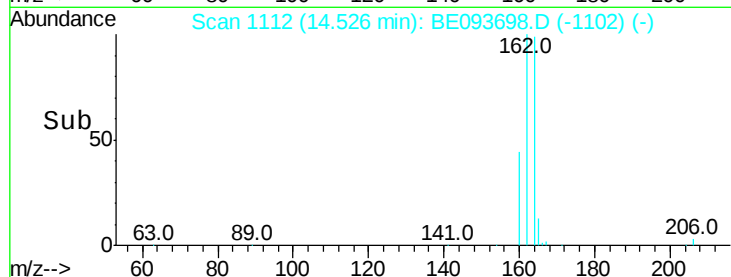
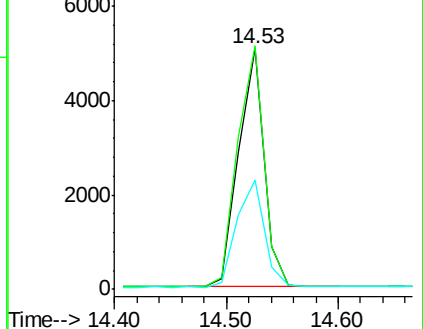
160 45.2 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 4.552 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

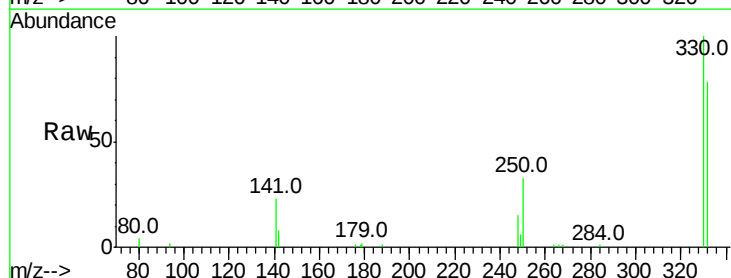
Tgt Ion:330 Resp: 8380

Ion Ratio Lower Upper

330 100

332 84.1 77.7 116.5

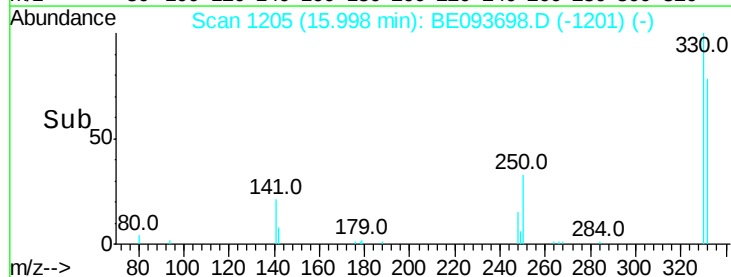
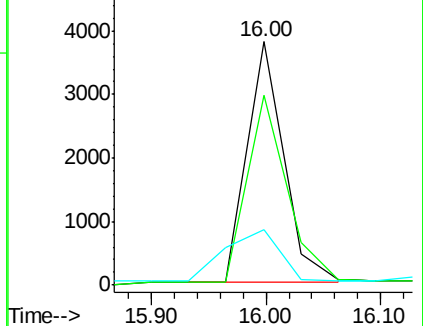
141 32.1 56.2 84.4#

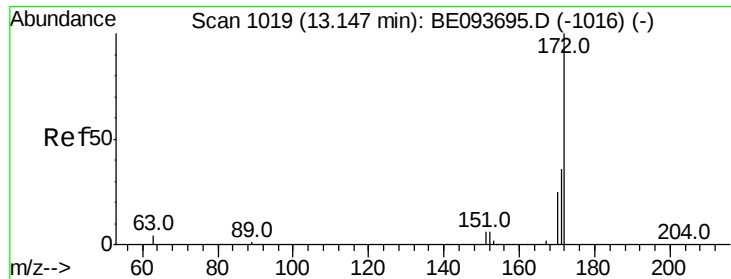


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

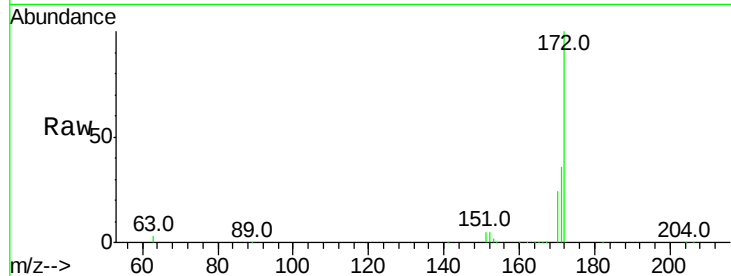




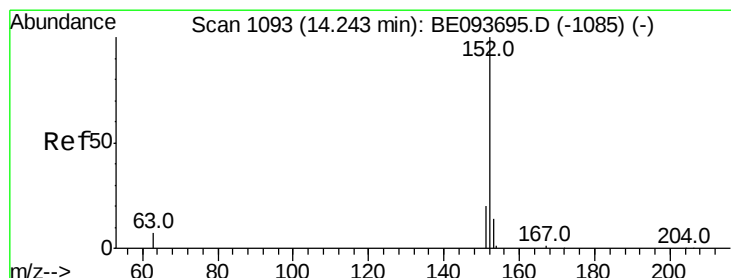
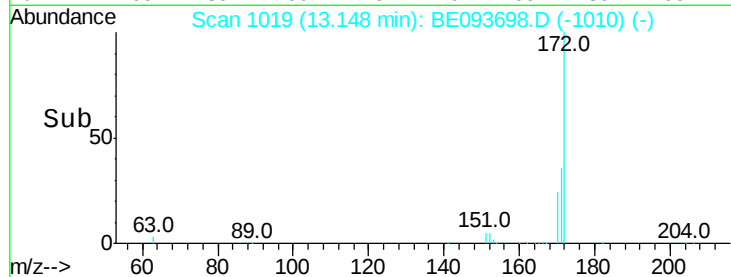
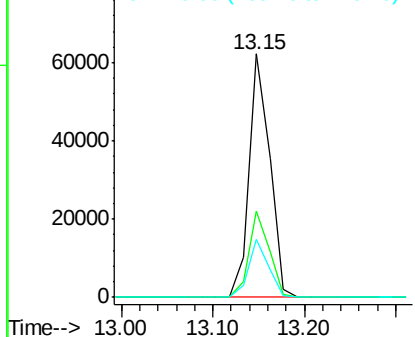
#15  
2-Fluorobiphenyl  
Concen: 3.086 ng  
RT: 13.15 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: BE093698.D  
Acq: 7 Aug 2017 12:23

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

Tot Ion:172 Resp: 98267  
Ion Ratio Lower Upper  
172 100  
171 35.5 29.8 44.6  
170 24.0 20.7 31.1

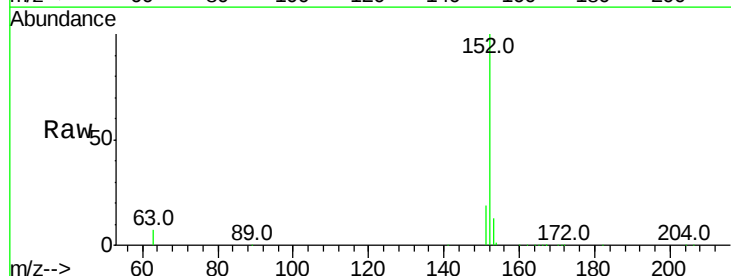


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

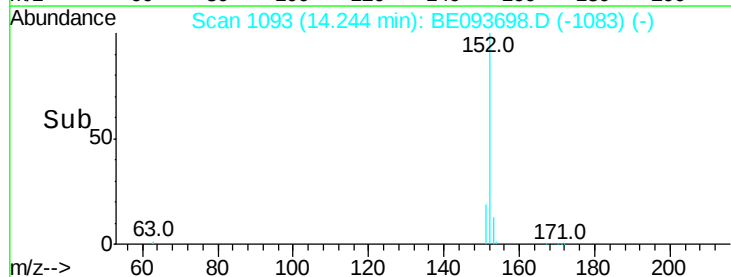
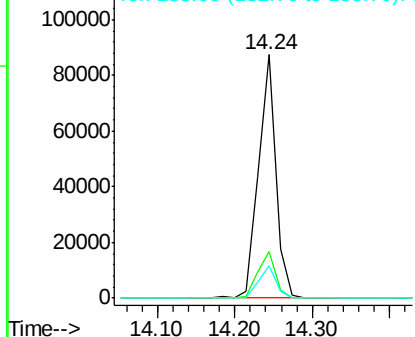


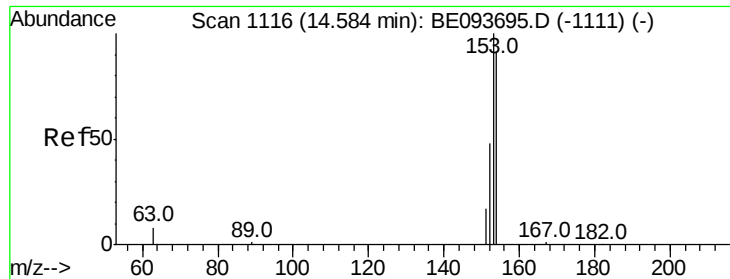
#16  
Acenaphthylene  
Concen: 3.588 ng  
RT: 14.24 min Scan# 1093  
Delta R.T. 0.00 min  
Lab File: BE093698.D  
Acq: 7 Aug 2017 12:23

Tgt Ion:152 Resp: 136427  
Ion Ratio Lower Upper  
152 100  
151 19.6 4.0 6.0#  
153 13.2 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





#17

Acenaphthene

Concen: 3.310 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

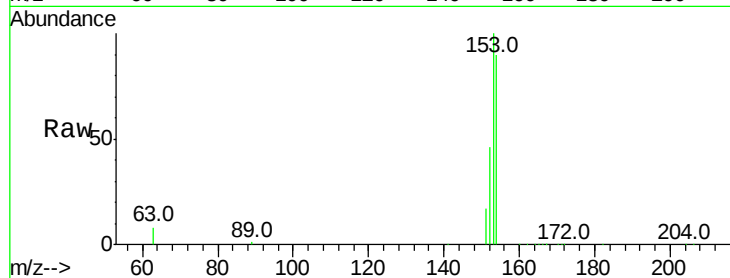
Tot Ion:154 Resp: 88793

Ion Ratio Lower Upper

154 100

153 109.9 91.2 136.8

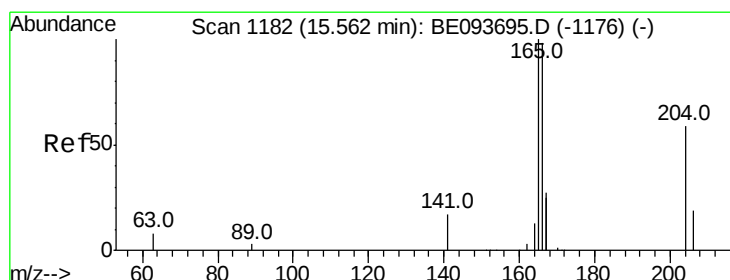
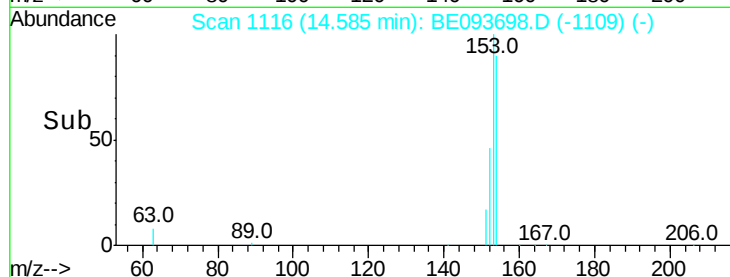
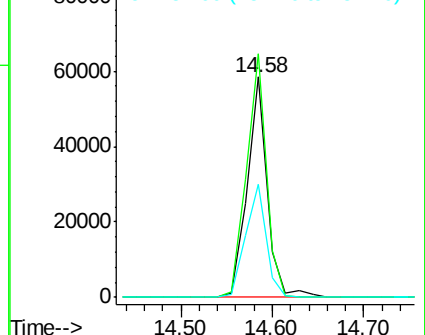
152 52.6 44.8 67.2



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



#18

Fluorene

Concen: 3.083 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

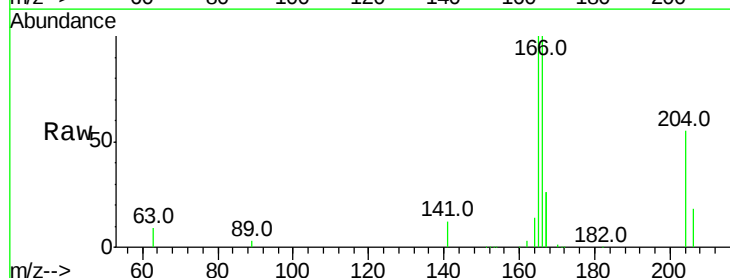
Tgt Ion:166 Resp: 110549

Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

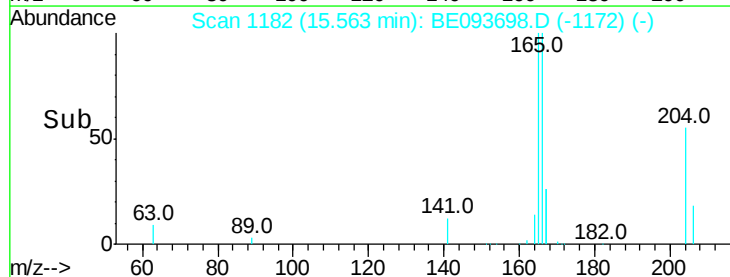
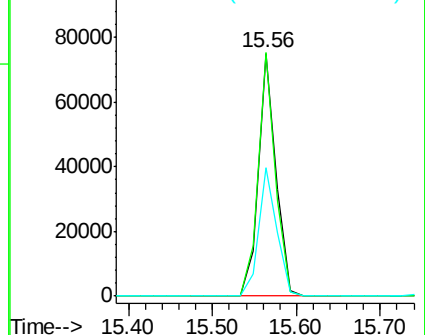
167 53.5 11.1 16.7#

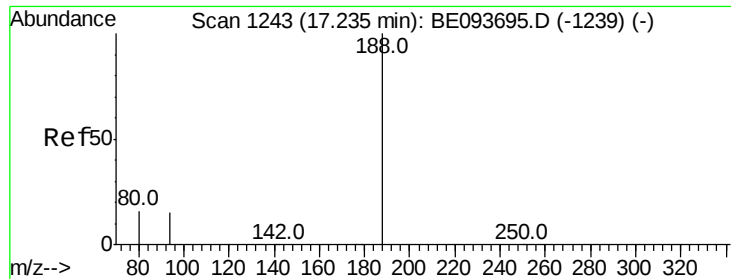


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDIC3.2

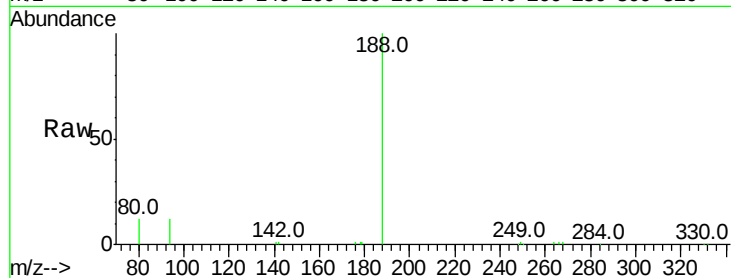
Tot Ion:188 Resp: 21077

Ion Ratio Lower Upper

188 100

94 11.5 11.3 16.9

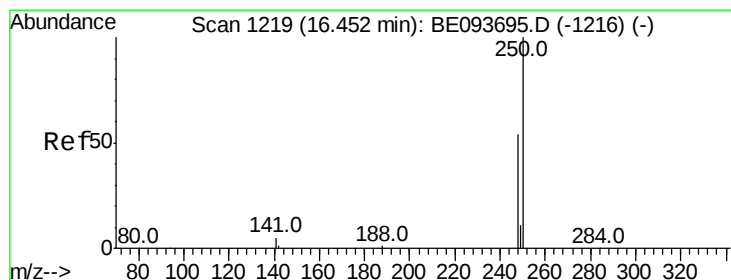
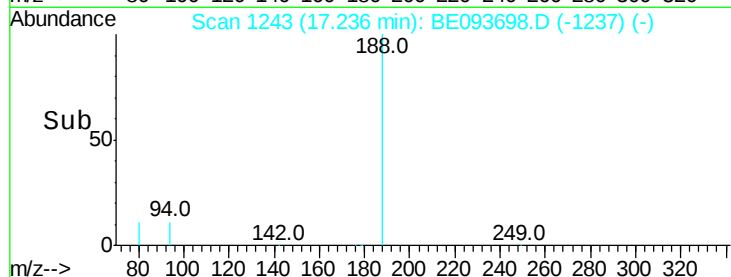
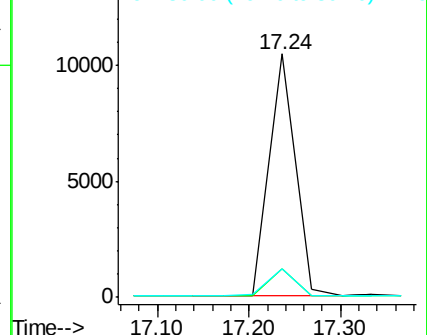
80 12.0 11.7 17.5



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



#20

4-Bromophenyl-phenylether

Concen: 2.468 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

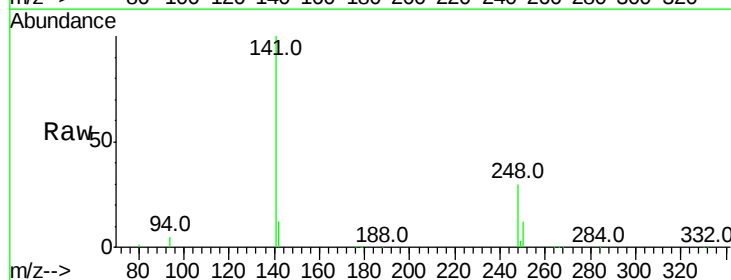
Tgt Ion:248 Resp: 16444

Ion Ratio Lower Upper

248 100

250 42.0 128.0 192.0#

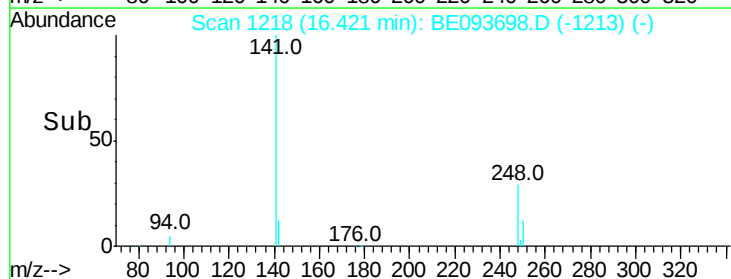
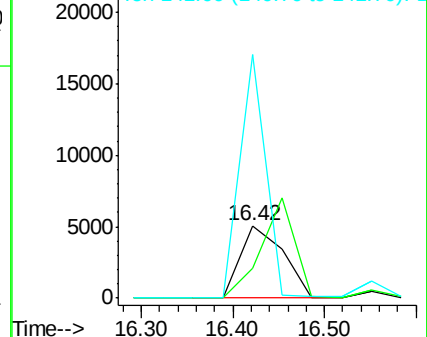
141 337.7 12.0 18.0#

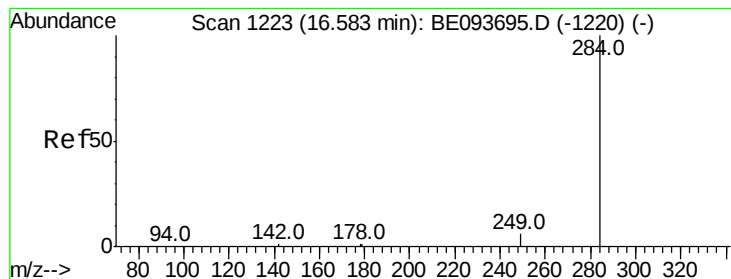


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.561 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

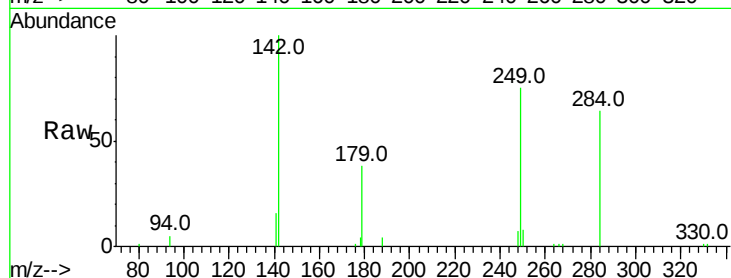
Tot Ion:284 Resp: 17395

Ion Ratio Lower Upper

284 100

142 84.0 0.0 0.0#

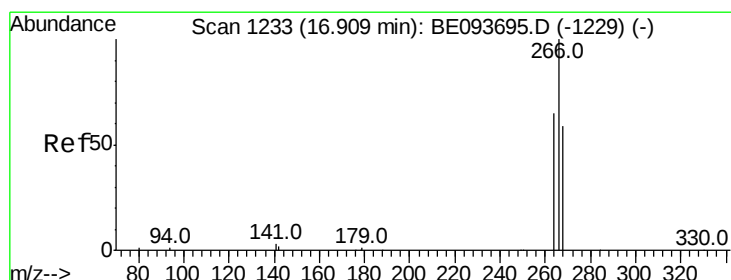
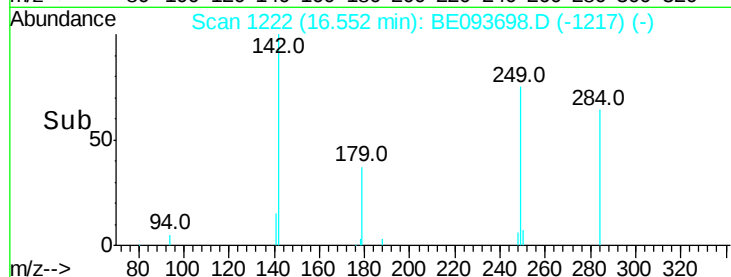
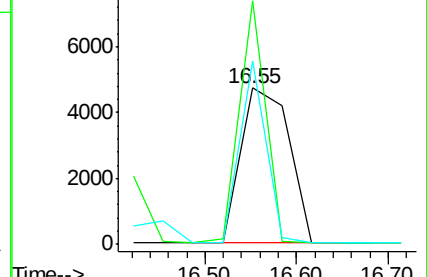
249 63.6 0.0 0.0#



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



#22

Pentachlorophenol

Concen: 5.694 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

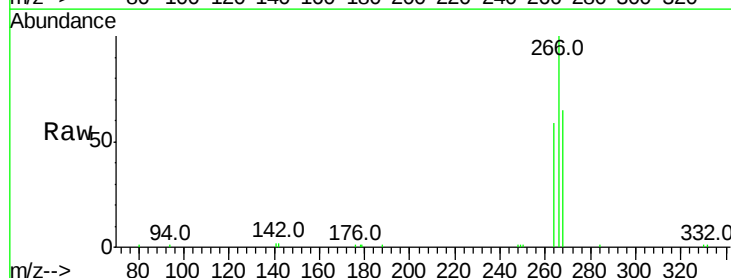
Tgt Ion:266 Resp: 16561

Ion Ratio Lower Upper

266 100

264 59.0 56.0 84.0

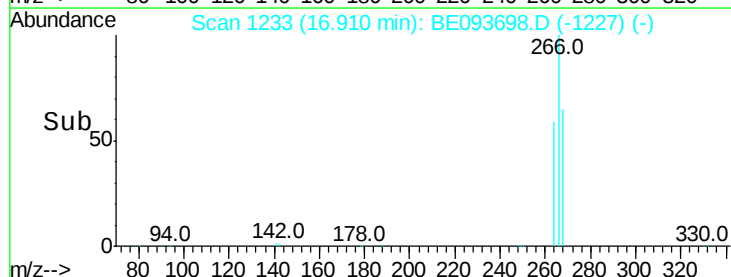
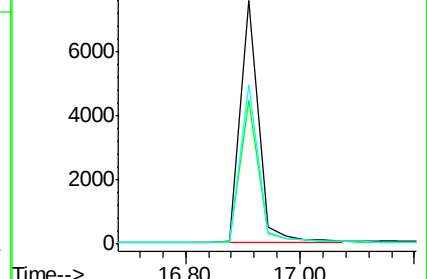
268 65.5 52.0 78.0

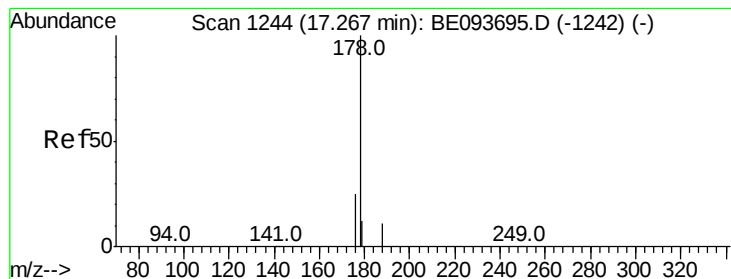


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.906 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

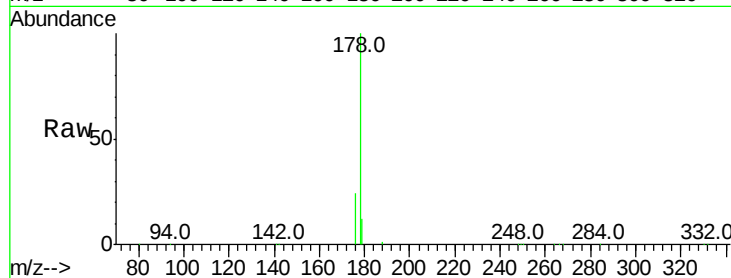
Tot Ion:178 Resp: 134669

Ion Ratio Lower Upper

178 100

176 22.4 15.0 22.4

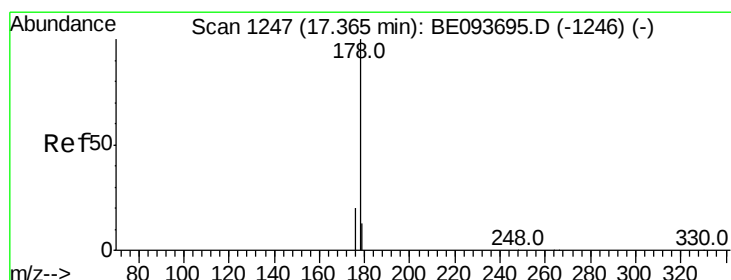
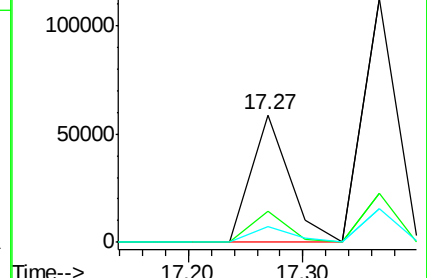
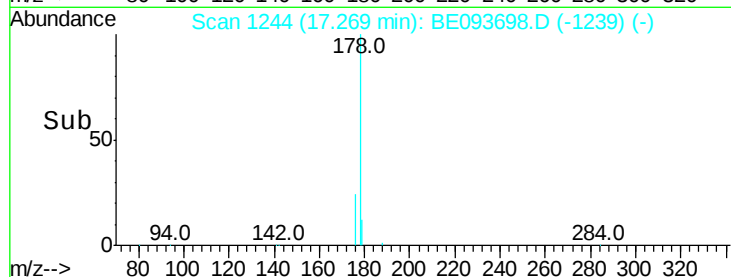
179 0.0 12.7 19.1#



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



#24

Anthracene

Concen: 3.547 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

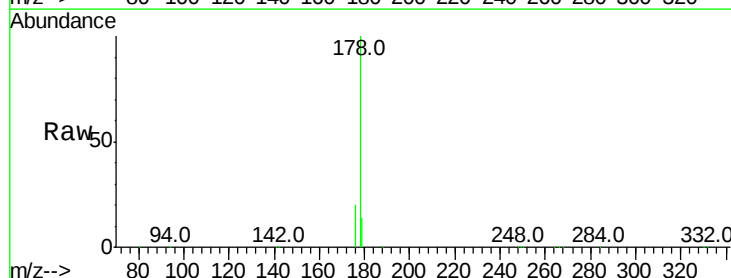
Tgt Ion:178 Resp: 224788

Ion Ratio Lower Upper

178 100

176 19.8 14.6 22.0

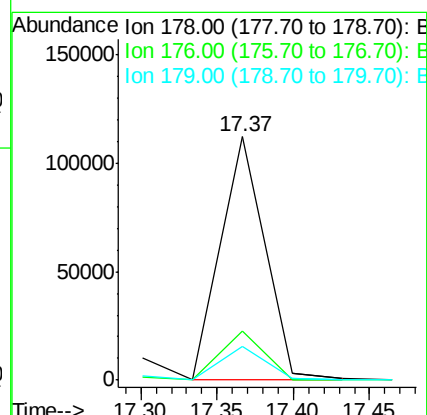
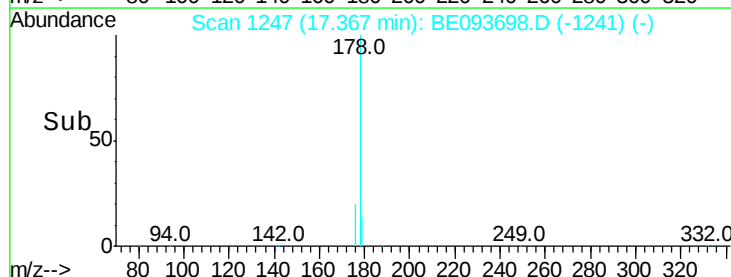
179 22.2 12.0 18.0#

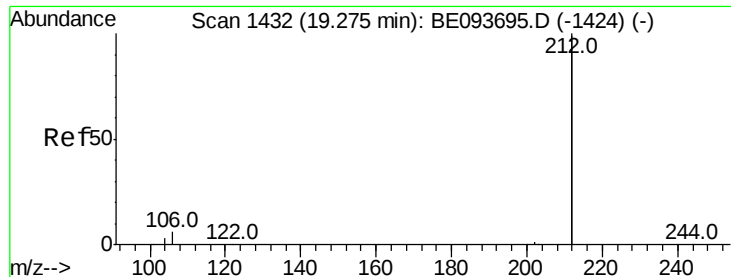


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 2.997 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

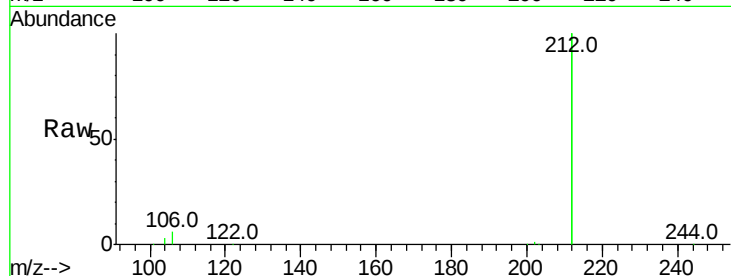
Tot Ion:212 Resp: 717121

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

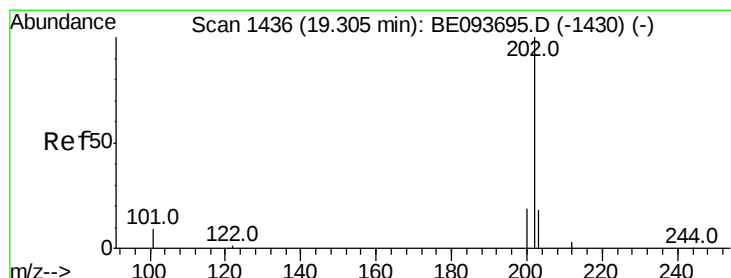
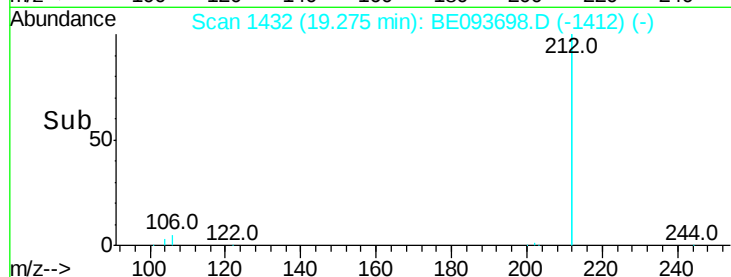
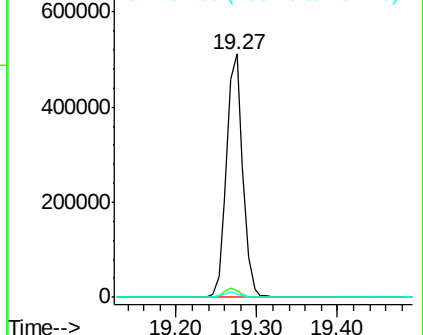
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 2.998 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

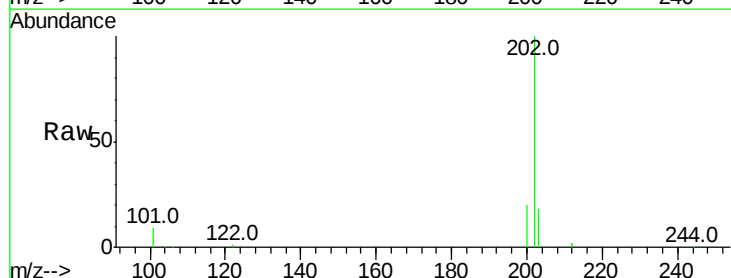
Tgt Ion:202 Resp: 221280

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

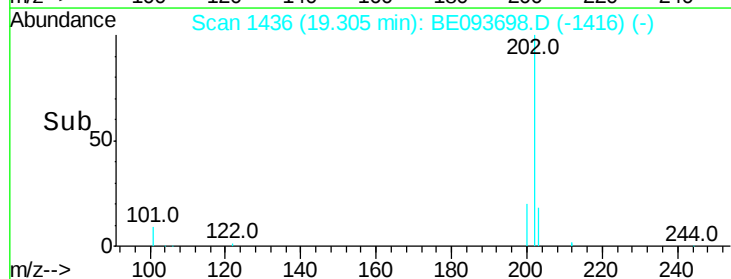
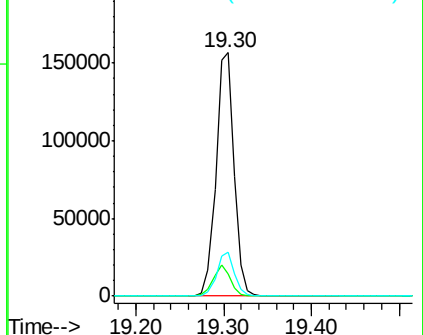
203 17.4 14.4 21.6

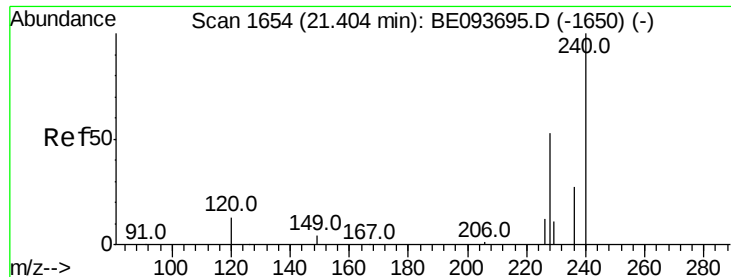


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

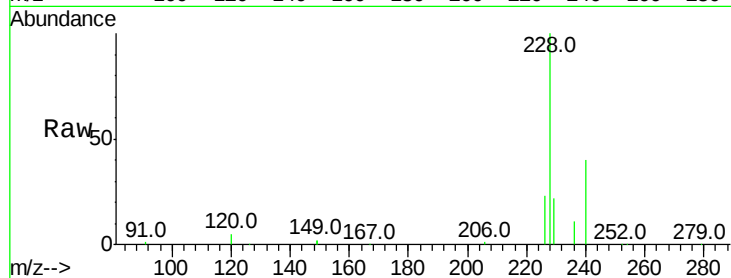
Tot Ion:240 Resp: 22032

Ion Ratio Lower Upper

240 100

120 11.4 4.6 7.0#

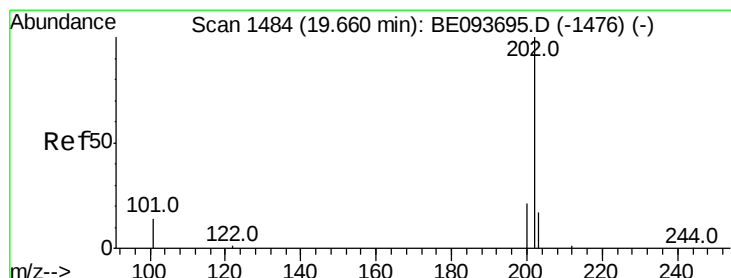
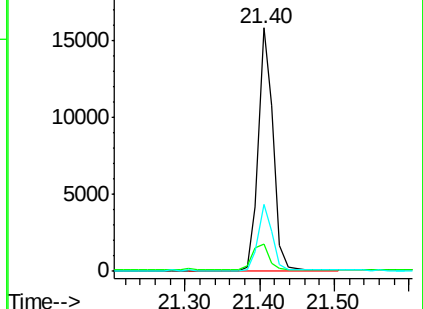
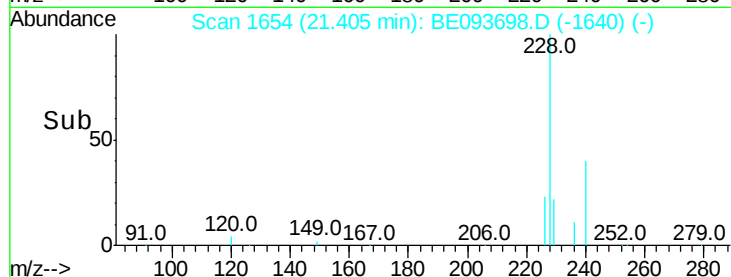
236 27.7 20.8 31.2



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



#28

Pyrene

Concen: 3.159 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

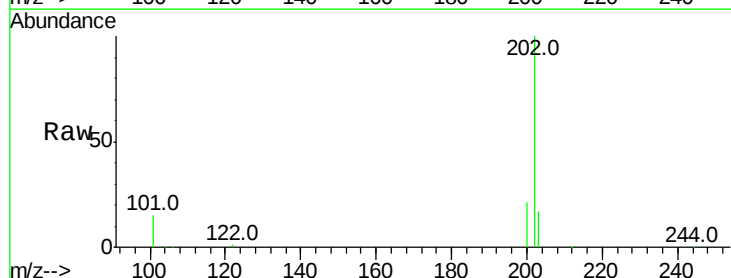
Tgt Ion:202 Resp: 224887

Ion Ratio Lower Upper

202 100

200 20.9 0.0 0.0#

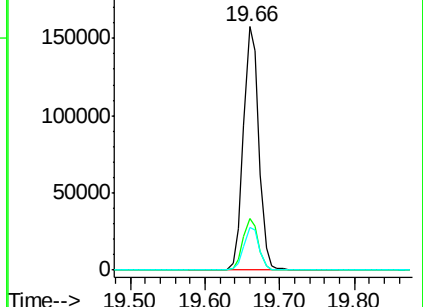
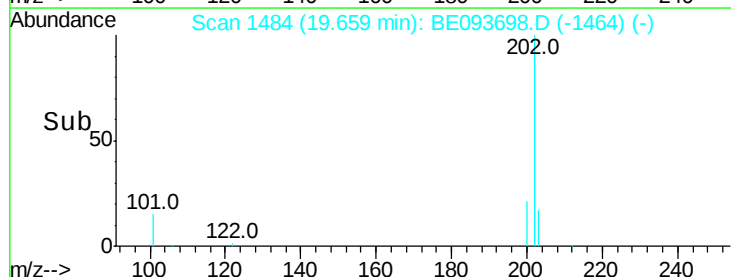
203 17.7 13.7 20.5

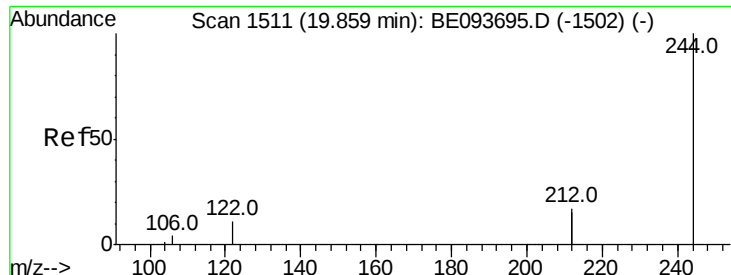


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.098 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

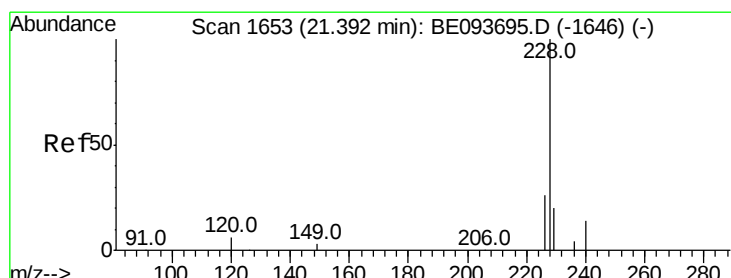
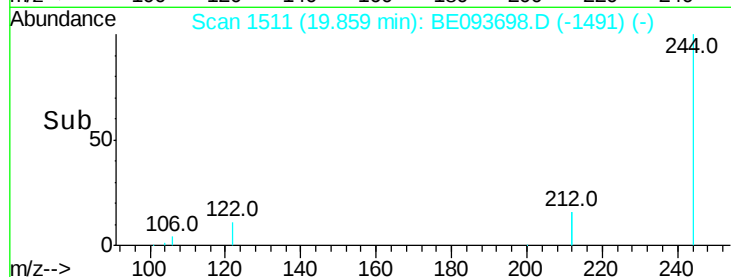
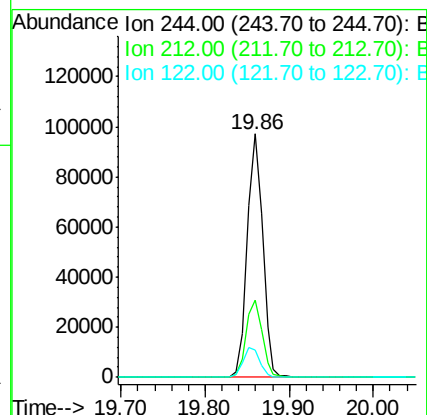
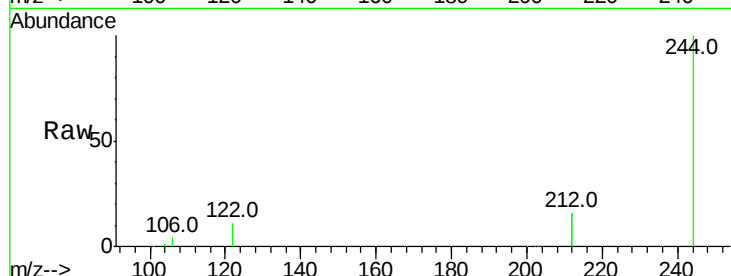
Tot Ion:244 Resp: 122631

Ion Ratio Lower Upper

244 100

212 31.9 10.6 16.0#

122 11.0 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 3.408 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

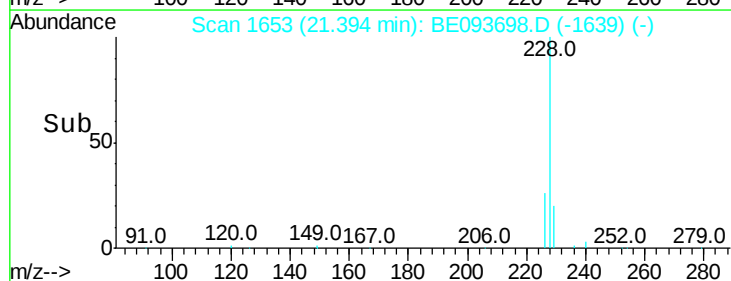
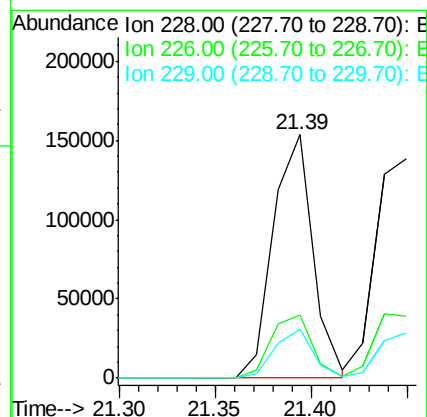
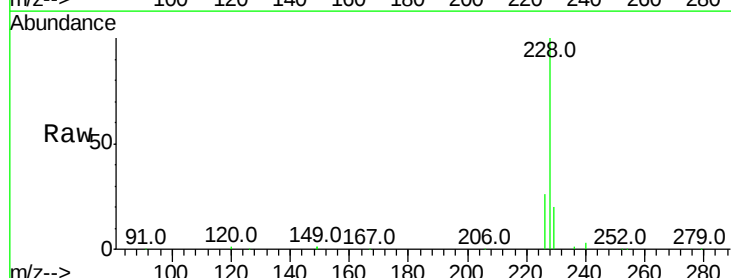
Tgt Ion:228 Resp: 220733

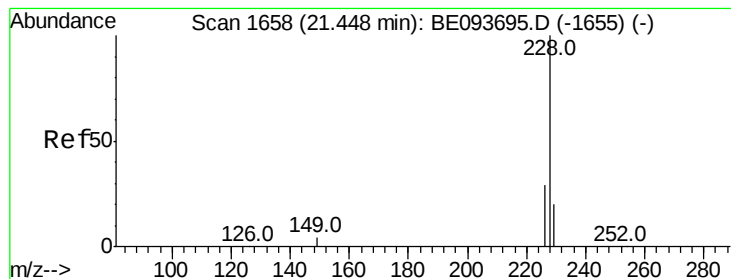
Ion Ratio Lower Upper

228 100

226 25.7 19.7 29.5

229 20.2 19.2 28.8





#31

Chrysene

Concen: 3.069 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

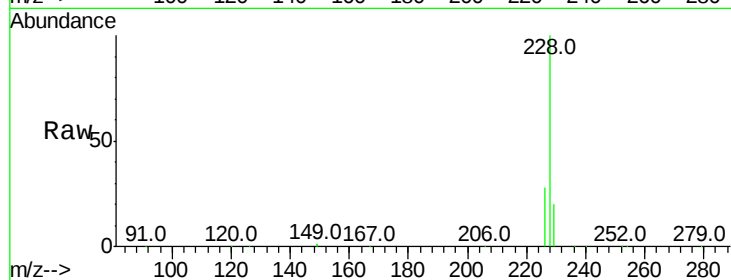
Tot Ion:228 Resp: 221629

Ion Ratio Lower Upper

228 100

226 28.3 21.5 32.3

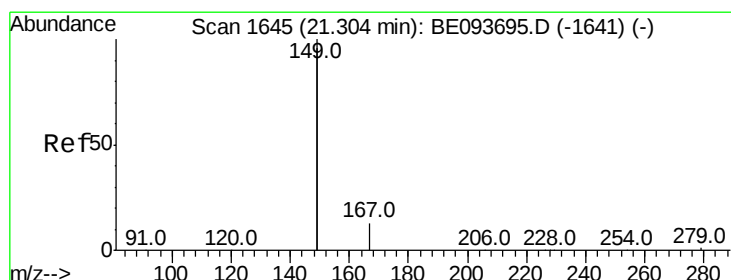
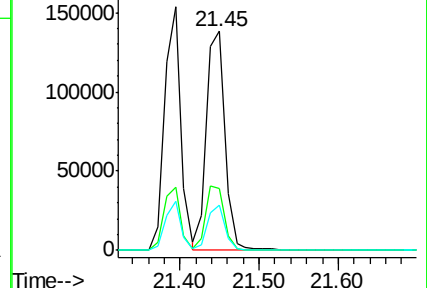
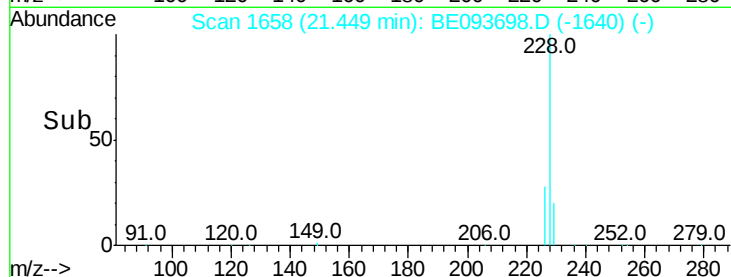
229 20.4 18.6 28.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 5.246 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

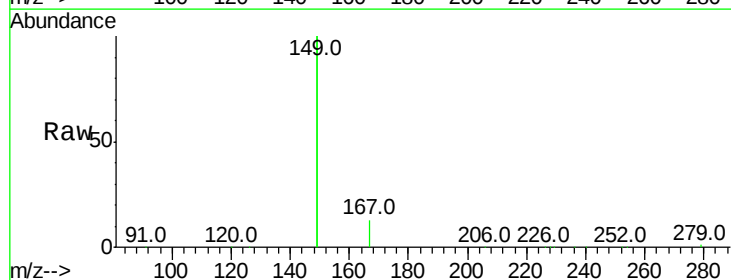
Tgt Ion:149 Resp: 463240

Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

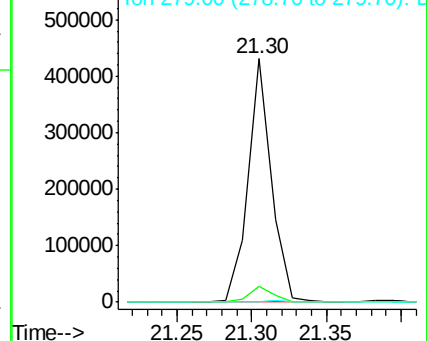
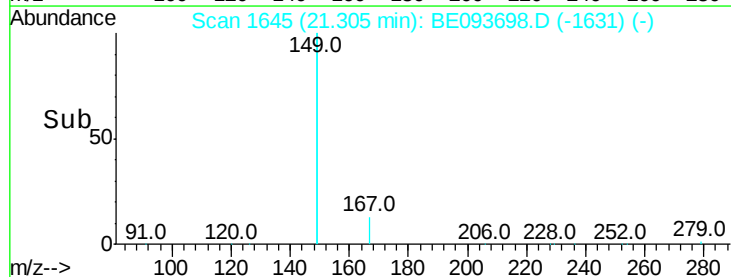
279 0.9 0.8 1.2

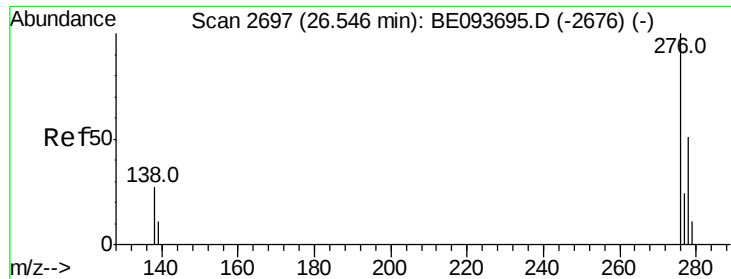


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.267 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

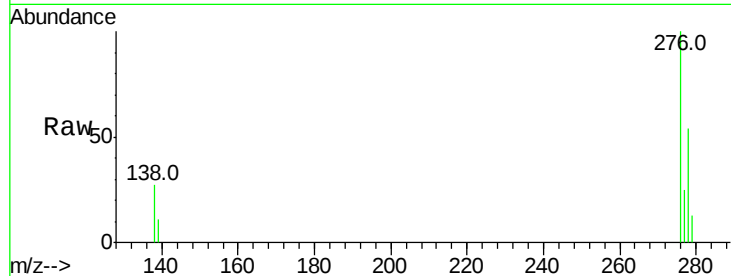
Tot Ion:276 Resp: 213682

Ion Ratio Lower Upper

276 100

138 28.5 27.4 41.2

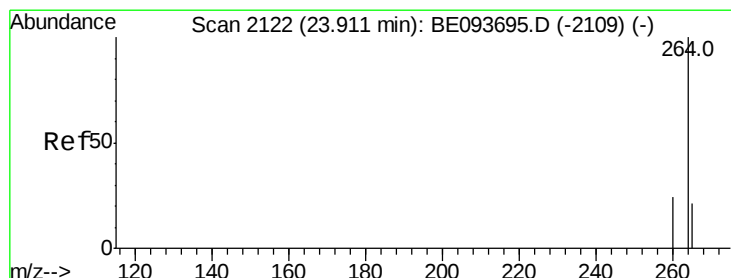
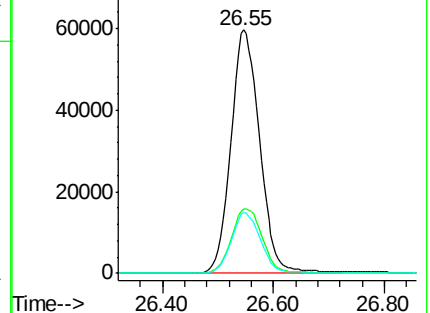
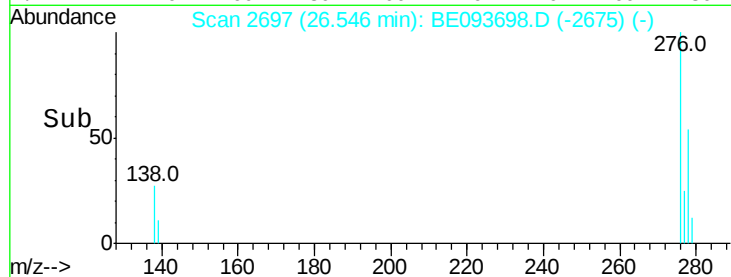
277 25.2 20.1 30.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

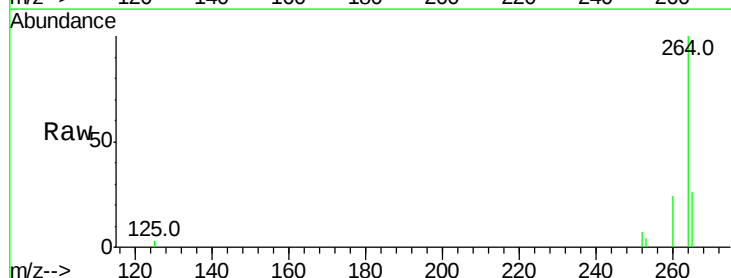
Tgt Ion:264 Resp: 18421

Ion Ratio Lower Upper

264 100

260 24.3 21.0 31.4

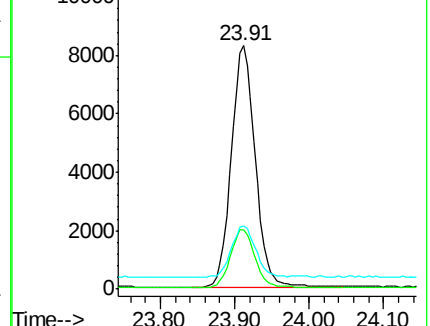
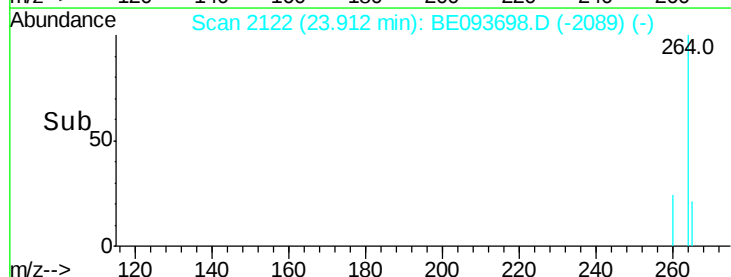
265 26.0 24.6 36.8

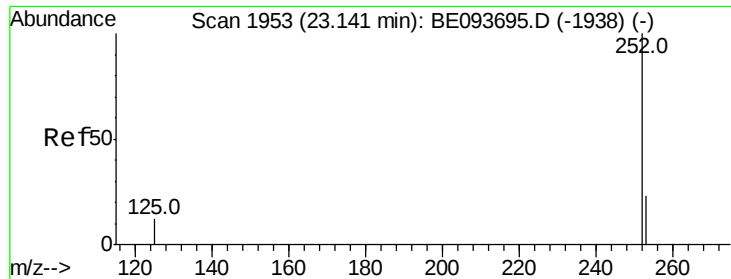


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.110 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

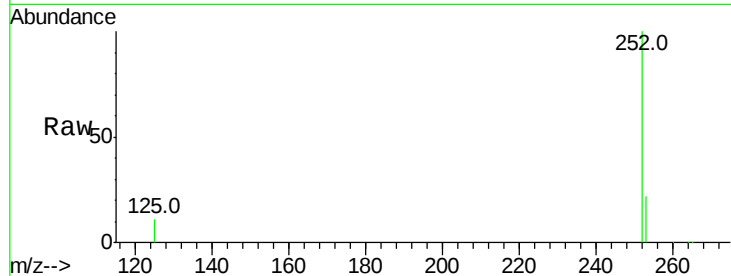
Tot Ion:252 Resp: 204397

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

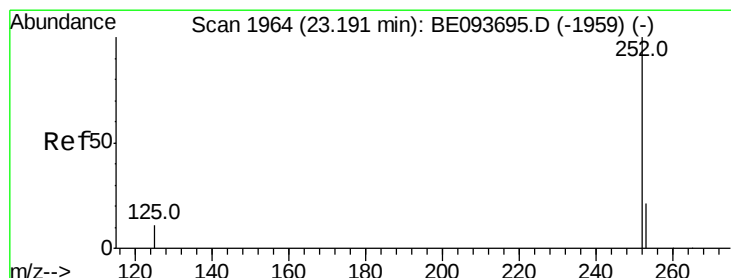
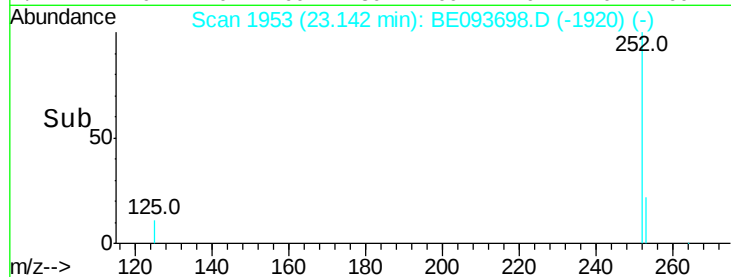
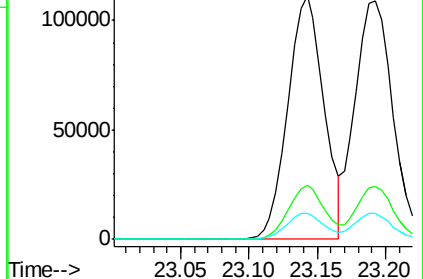
125 10.9 13.4 20.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 3.134 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

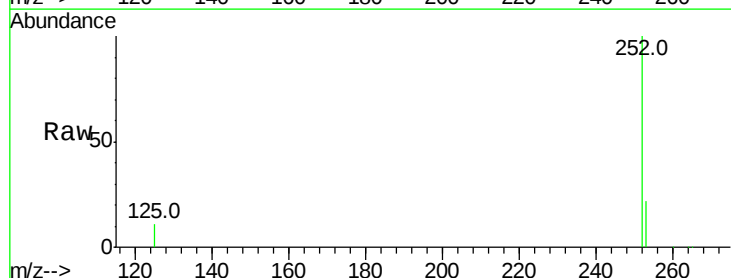
Tgt Ion:252 Resp: 210547

Ion Ratio Lower Upper

252 100

253 22.3 20.3 30.5

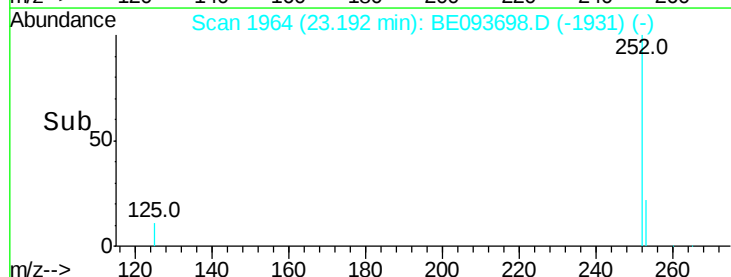
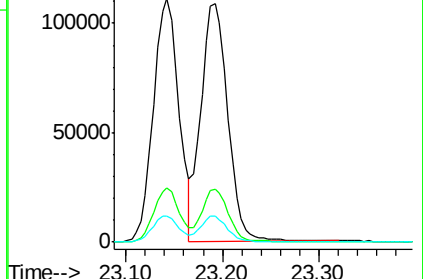
125 10.8 12.2 18.4#

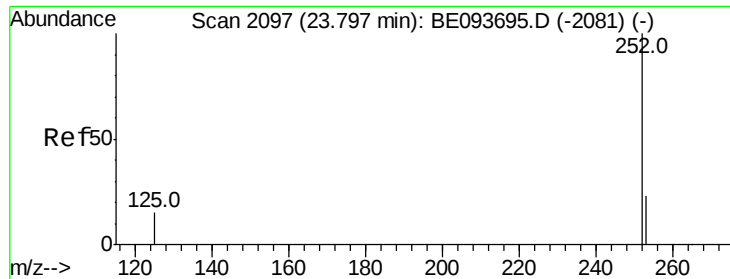


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.269 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

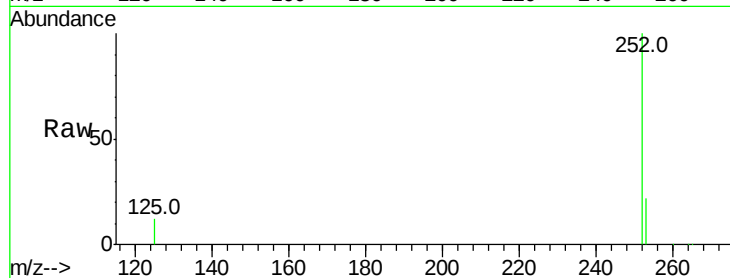
Tot Ion:252 Resp: 194671

Ion Ratio Lower Upper

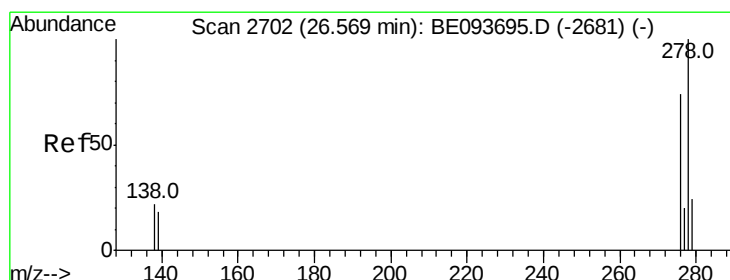
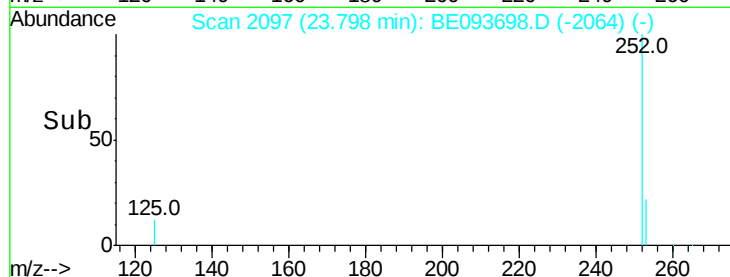
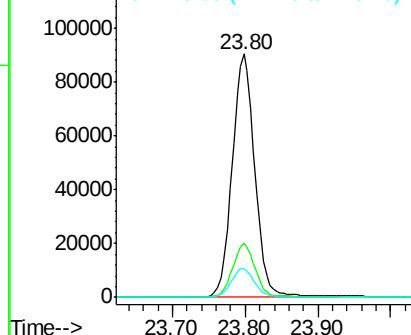
252 100

253 22.1 19.9 29.9

125 12.0 14.6 21.8#



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



#38

Dibenzo(a,h)anthracene

Concen: 3.243 ng

RT: 26.57 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BE093698.D

Acq: 7 Aug 2017 12:23

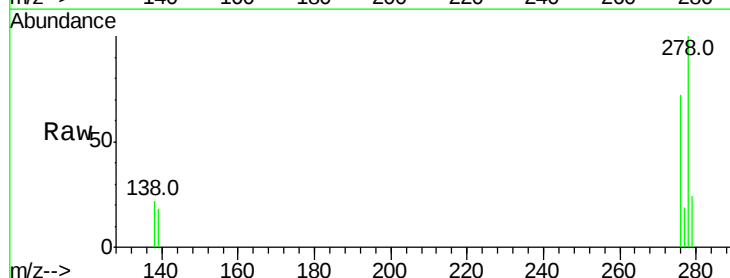
Tgt Ion:278 Resp: 186398

Ion Ratio Lower Upper

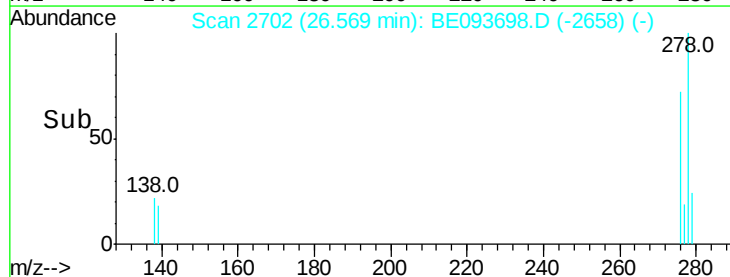
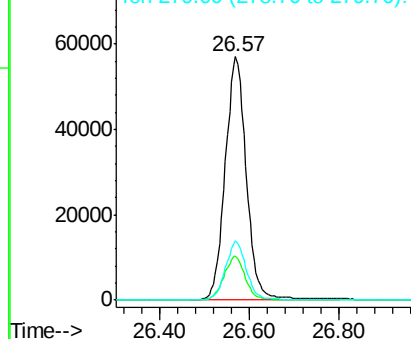
278 100

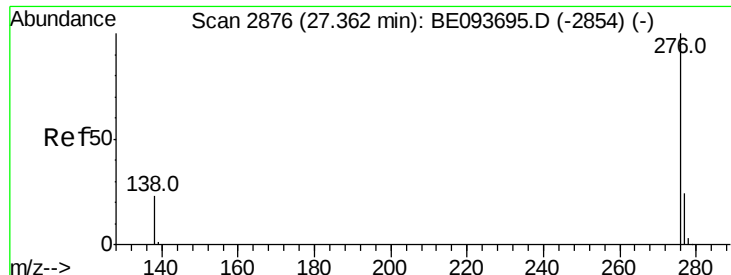
139 17.8 21.4 32.0#

279 24.1 22.2 33.2



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





#39

Benzo(a,h,i)perylene

Concen: 3.155 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093698.D

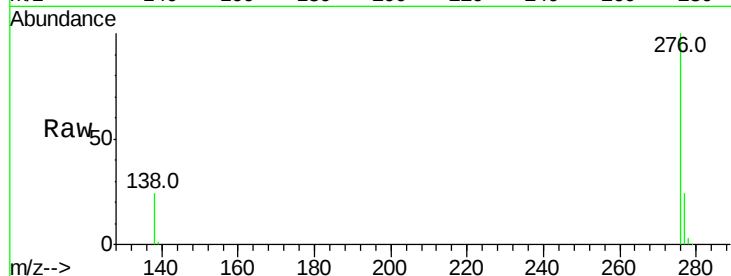
Acq: 7 Aug 2017 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2



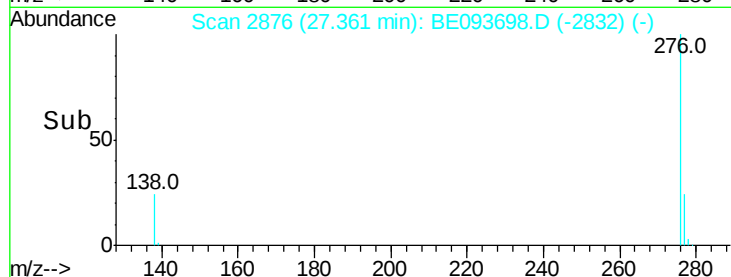
Tot Ion:276 Resp: 183937

Ion Ratio Lower Upper

276 100

277 23.7 21.2 31.8

138 24.3 24.5 36.7#



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

