

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032516\  
 Data File : BE091521.D  
 Acq On : 25 Mar 2016 12:49  
 Operator : UM/SJ  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

Quant Time: Mar 25 16:09:08 2016  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 25 15:52:36 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 39640    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.59 | 136  | 182601   | 5.00 | ng    | 0.00     |
| 10) Acenaphthene-d10      | 14.43 | 164  | 99673    | 5.00 | ng    | 0.00     |
| 16) Phenanthrene-d10      | 17.17 | 188  | 266151   | 5.00 | ng    | 0.00     |
| 22) Chrysene-d12          | 21.33 | 240  | 294448   | 5.00 | ng    | 0.00     |
| 28) Perylene-d12          | 23.78 | 264  | 289535   | 5.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |      |      |    |       |
|--------------------------|-------|-----|------|------|----|-------|
| 4) 2-Fluorophenol        | 5.41  | 112 | 858  | 0.09 | ng | -0.02 |
| 5) Phenol-d6             | 6.97  | 99  | 1085 | 0.09 | ng | -0.02 |
| 7) Nitrobenzene-d5       | 8.97  | 82  | 765  | 0.09 | ng | 0.00  |
| 11) 2,4,6-Tribromophenol | 15.91 | 330 | 165m | 0.06 | ng | 0.00  |
| 12) 2-Fluorobiphenyl     | 13.06 | 172 | 3000 | 0.12 | ng | 0.00  |
| 24) Terphenyl-d14        | 19.78 | 244 | 5306 | 0.15 | ng | 0.00  |

## Target Compounds

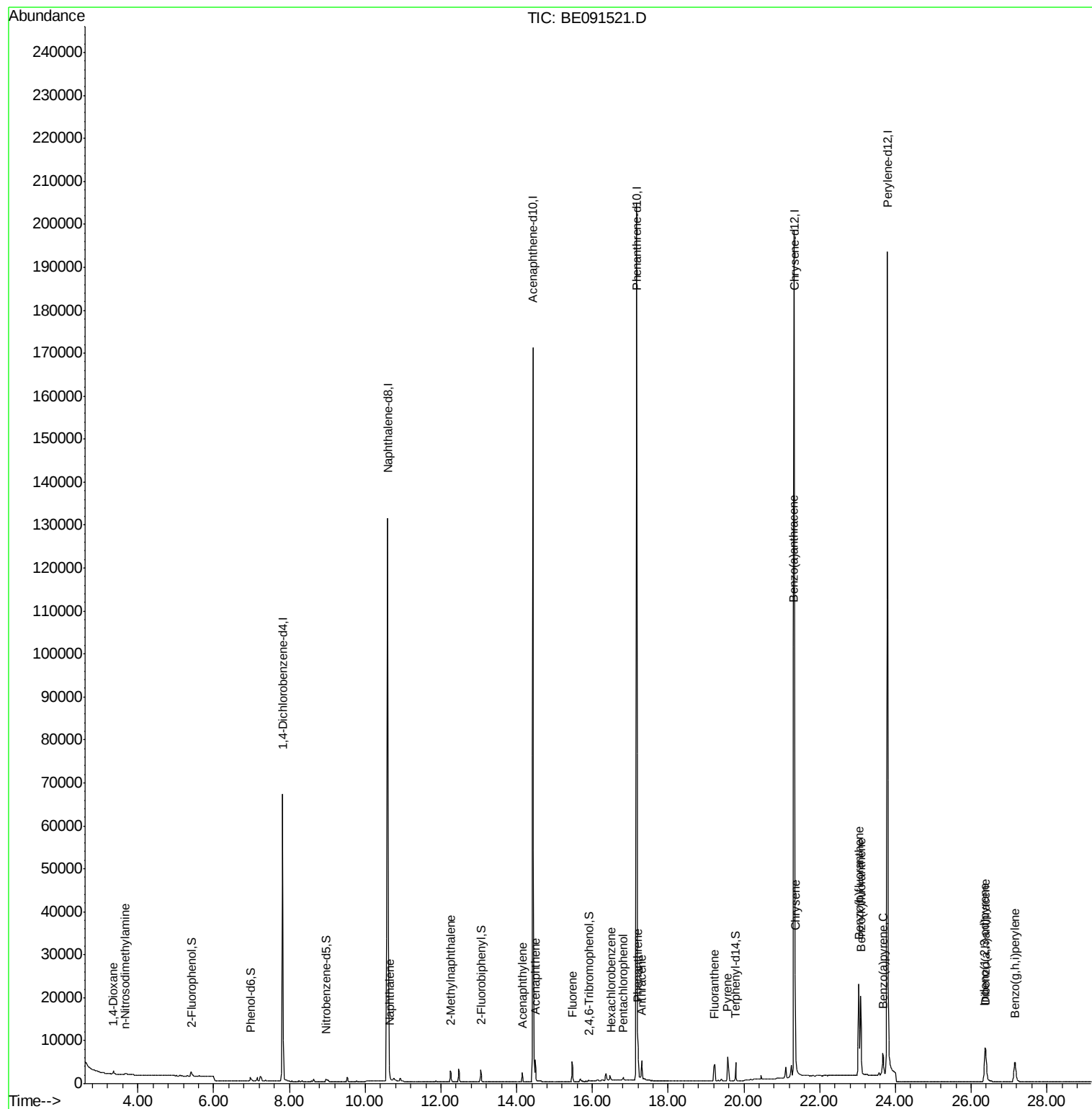
|                            |       |     |        |      |    | Qvalue |
|----------------------------|-------|-----|--------|------|----|--------|
| 2) 1,4-Dioxane             | 3.35  | 88  | 783    | 0.16 | ng | # 82   |
| 3) n-Nitrosodimethylamine  | 3.66  | 42  | 563    | 0.08 | ng | # 92   |
| 8) Naphthalene             | 10.65 | 128 | 3878   | 0.09 | ng | # 95   |
| 9) 2-Methylnaphthalene     | 12.25 | 142 | 2245   | 0.08 | ng | # 82   |
| 13) Acenaphthylene         | 14.15 | 152 | 2744m  | 0.06 | ng |        |
| 14) Acenaphthene           | 14.49 | 154 | 2432   | 0.08 | ng | 88     |
| 15) Fluorene               | 15.47 | 166 | 3164   | 0.08 | ng | 97     |
| 17) Hexachlorobenzene      | 16.48 | 284 | 957    | 0.08 | ng | 93     |
| 18) Pentachlorophenol      | 16.81 | 266 | 607    | 0.13 | ng | 93     |
| 19) Phenanthrene           | 17.20 | 178 | 7166   | 0.09 | ng | # 95   |
| 20) Anthracene             | 17.30 | 178 | 5655   | 0.08 | ng | # 96   |
| 21) Fluoranthene           | 19.22 | 202 | 6342   | 0.07 | ng | 97     |
| 23) Pvrene                 | 19.57 | 202 | 6861   | 0.09 | ng | 98     |
| 25) Benzo(a)anthracene     | 21.31 | 228 | 11014m | 0.14 | ng |        |
| 26) Chrysene               | 21.36 | 228 | 19613m | 0.24 | ng |        |
| 27) Indeno(1,2,3-cd)pyrene | 26.36 | 276 | 13542  | 0.16 | ng | 100    |
| 29) Benzo(b)fluoranthene   | 23.03 | 252 | 34269  | 0.37 | ng | 99     |
| 30) Benzo(k)fluoranthene   | 23.08 | 252 | 25820  | 0.28 | ng | 97     |
| 31) Benzo(a)pvrene         | 23.67 | 252 | 8751   | 0.11 | ng | # 95   |
| 32) Dibenzo(a,h)anthracene | 26.39 | 278 | 10351  | 0.13 | ng | 96     |
| 33) Benzo(g,h,i)perylene   | 27.16 | 276 | 11786  | 0.14 | ng | 98     |

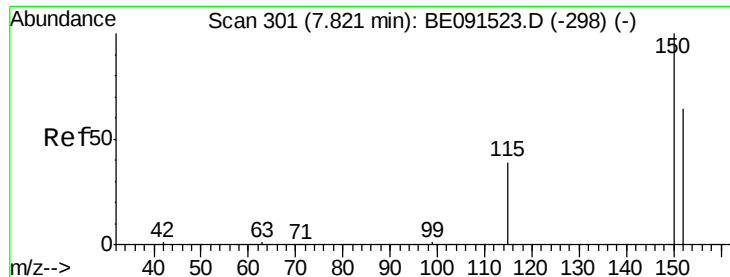
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032516\  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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SSTDICC0.1

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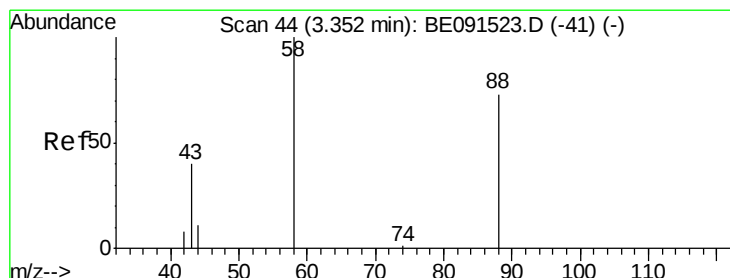
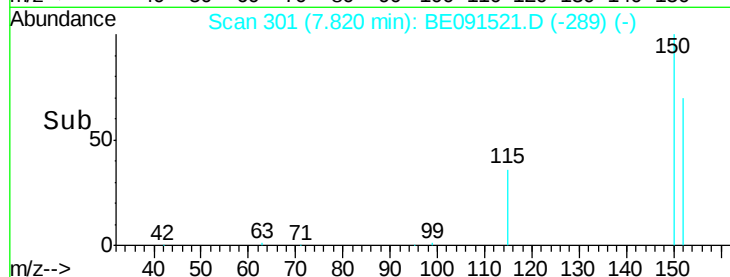
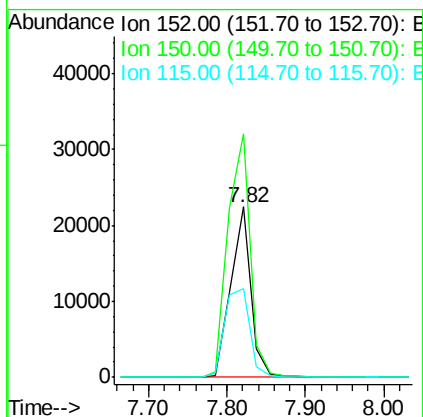
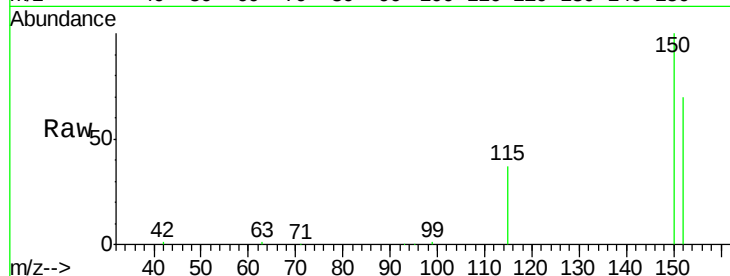


#1

1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.82 min Scan# 301  
Delta R.T. -0.00 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

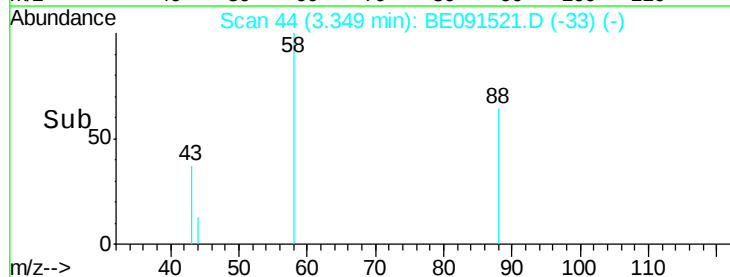
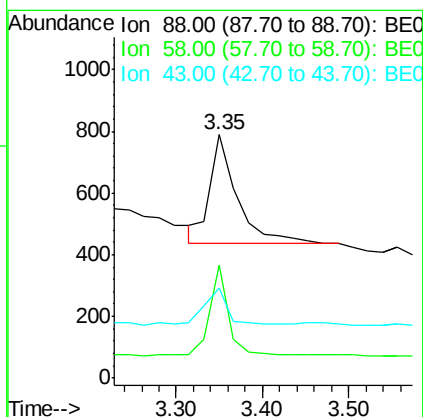
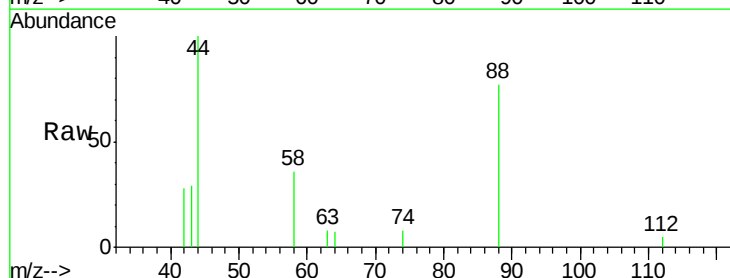
Tot Ion:152 Resp: 39640  
Ion Ratio Lower Upper  
152 100  
150 142.9 122.2 183.2  
115 52.2 45.9 68.9

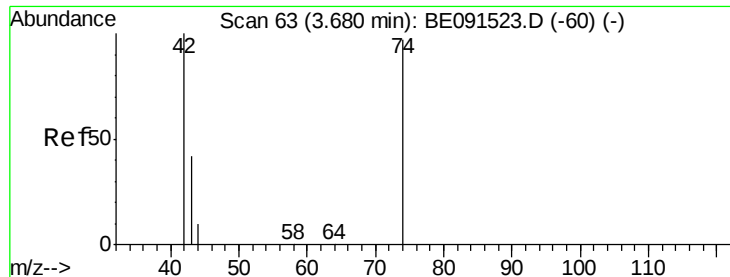


#2

1,4-Dioxane  
Concen: 0.16 ng  
RT: 3.35 min Scan# 44  
Delta R.T. -0.00 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

Tgt Ion: 88 Resp: 783  
Ion Ratio Lower Upper  
88 100  
58 57.3 61.0 91.6#  
43 26.3 25.4 38.2





#3

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 3.66 min Scan# 62

Delta R.T. -0.02 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

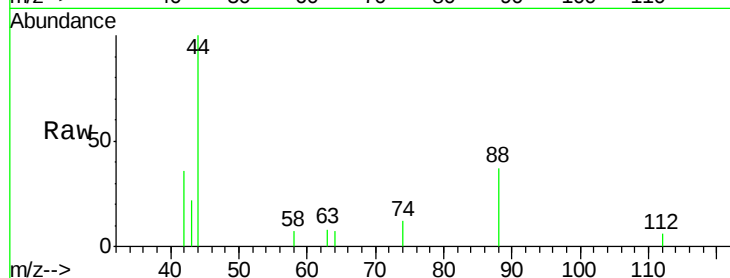
Tot Ion: 42 Resp: 563

Ion Ratio Lower Upper

42 100

74 98.2 84.3 126.5

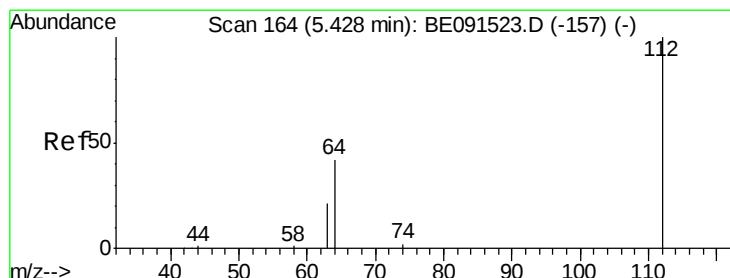
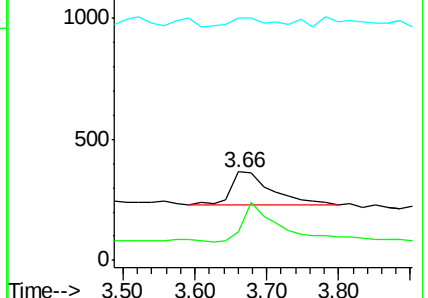
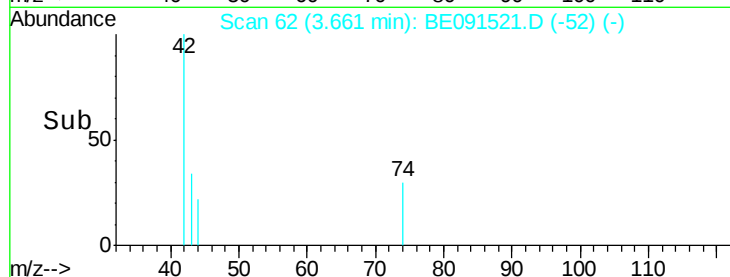
44 15.6 6.7 10.1#



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: 0.09 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

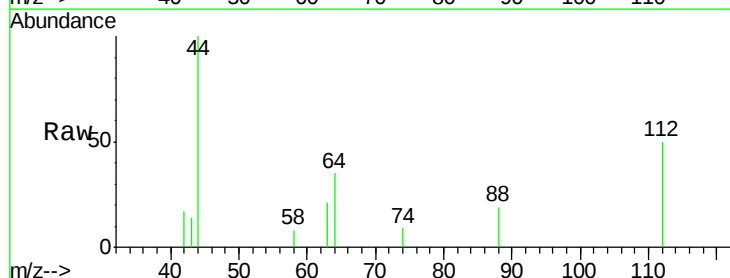
Tgt Ion: 112 Resp: 858

Ion Ratio Lower Upper

112 100

64 69.3 53.3 79.9

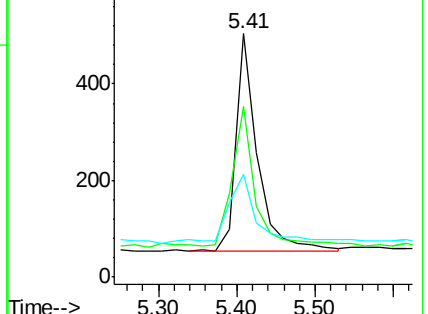
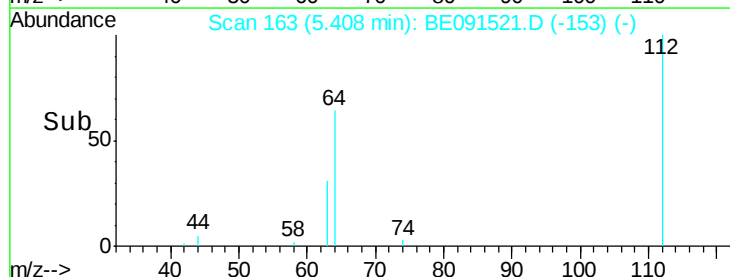
63 43.2 29.8 44.8

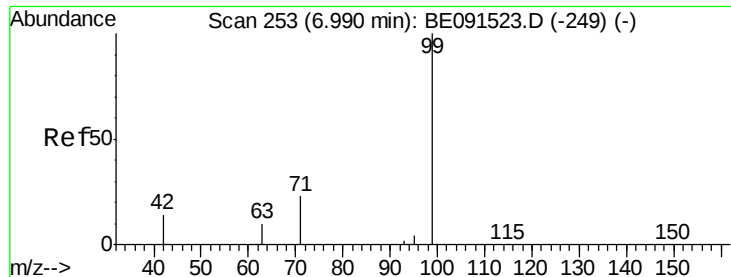


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.09 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

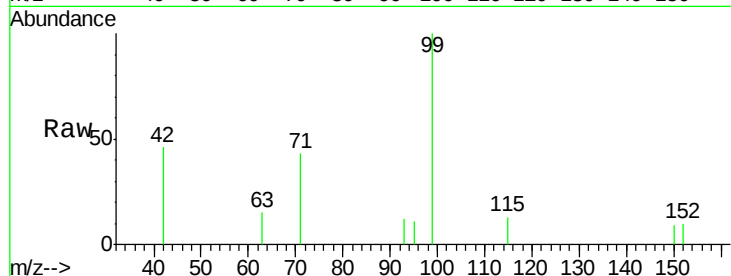
Tot Ion: 99 Resp: 1085

Ion Ratio Lower Upper

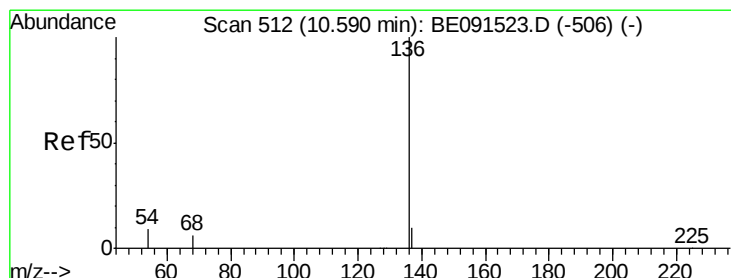
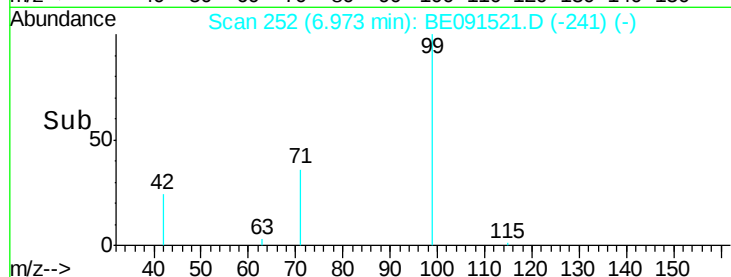
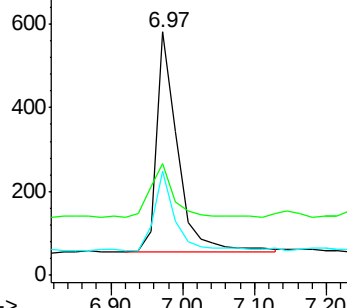
99 100

42 25.9 20.6 30.8

71 35.4 29.0 43.4



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: 10.59 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

Tgt Ion: 136 Resp: 182601

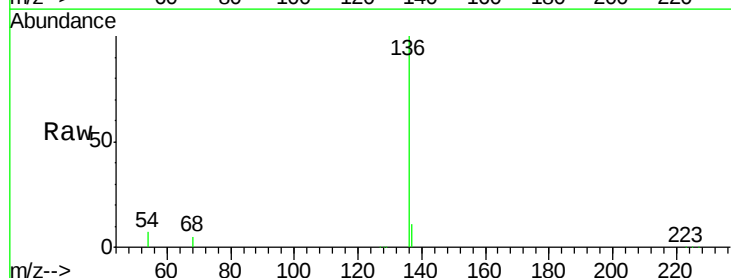
Ion Ratio Lower Upper

136 100

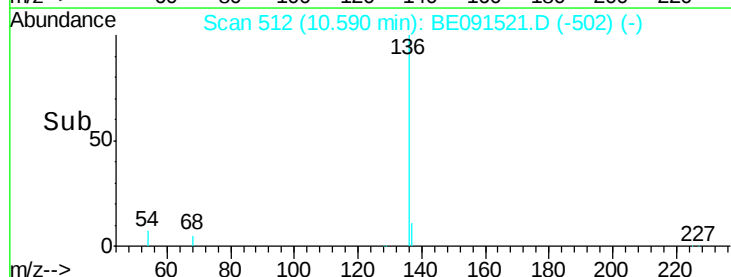
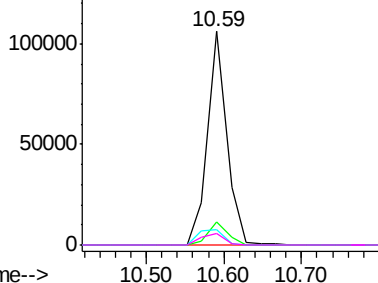
137 10.8 8.8 13.2

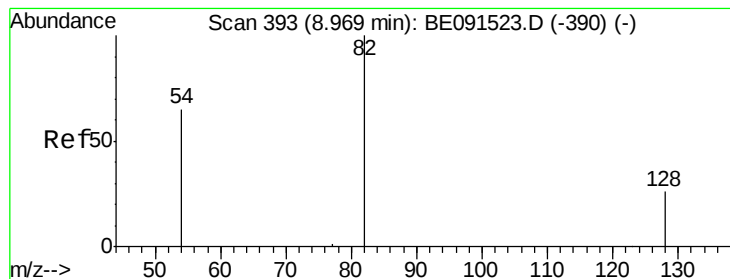
54 7.4 5.2 7.8

68 5.4 4.1 6.1



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: 0.09 ng

RT: 8.97 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

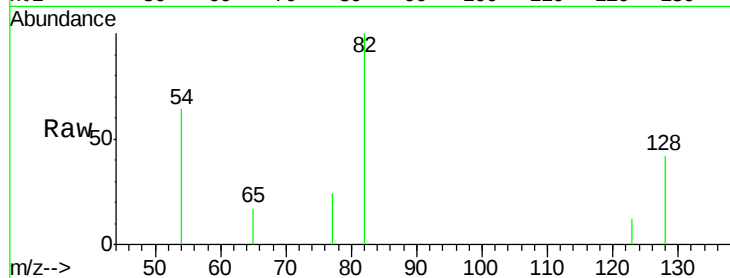
Tot Ion: 82 Resp: 765

Ion Ratio Lower Upper

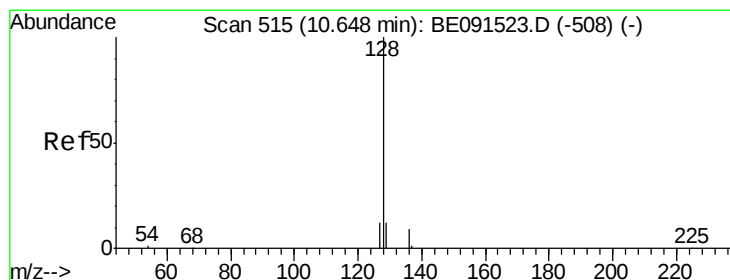
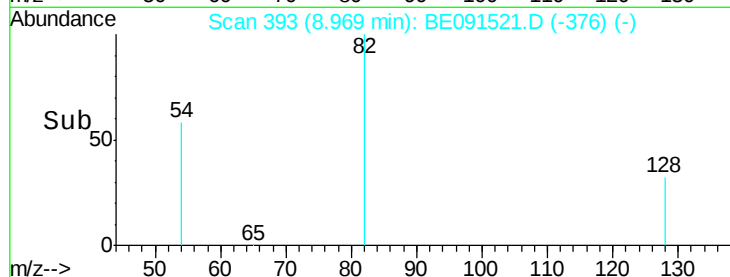
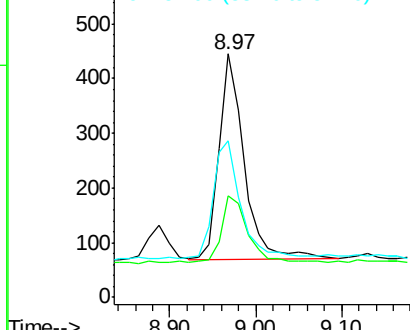
82 100

128 41.6 23.5 35.3#

54 64.5 52.4 78.6



Abundance Ion 82.00 (81.70 to 82.70): BE0  
Ion 128.00 (127.70 to 128.70): BE0  
Ion 54.00 (53.70 to 54.70): BE0



#8

Naphthalene

Concen: 0.09 ng

RT: 10.65 min Scan# 515

Delta R.T. 0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

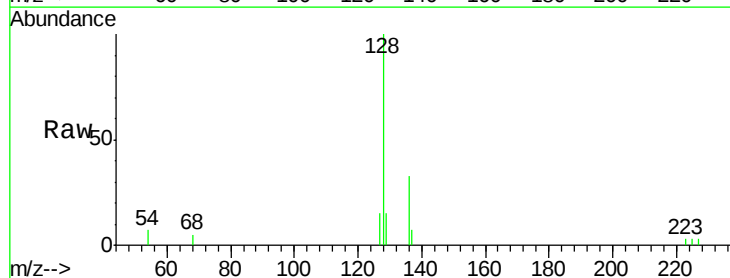
Tgt Ion: 128 Resp: 3878

Ion Ratio Lower Upper

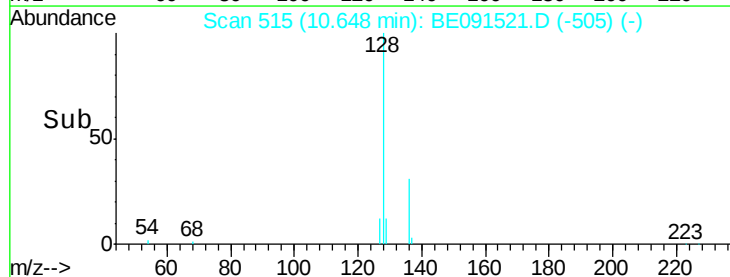
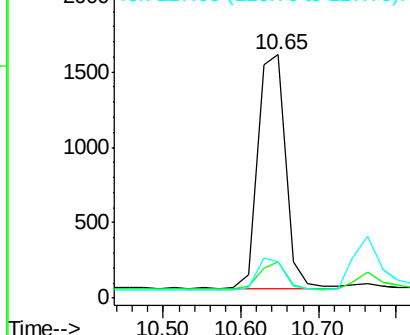
128 100

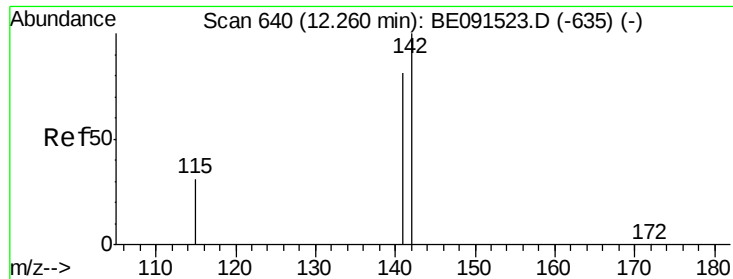
129 15.1 8.2 12.2#

127 14.8 11.8 17.8



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

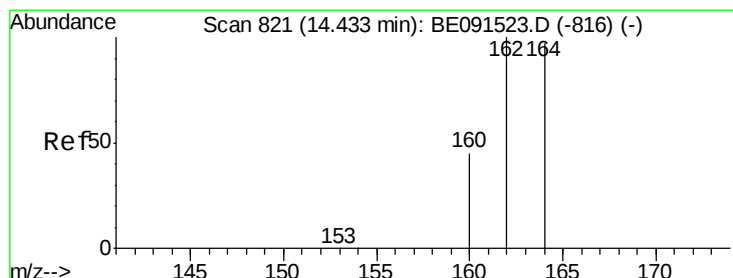
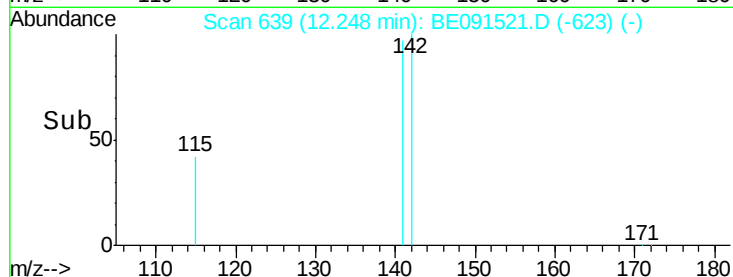
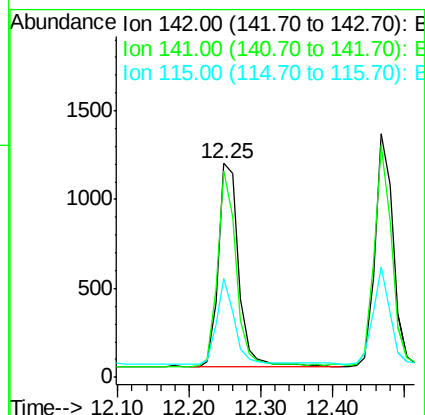
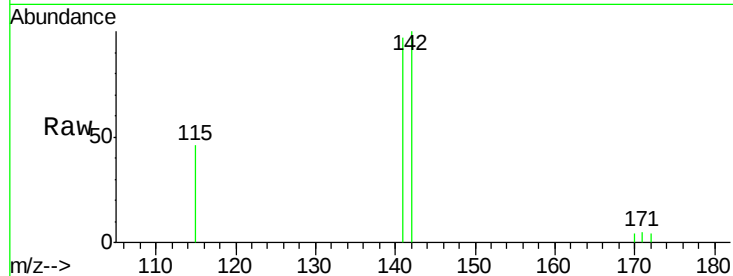




#9  
2-Methylnaphthalene  
Concen: 0.08 ng  
RT: 12.25 min Scan# 639  
Delta R.T. -0.01 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

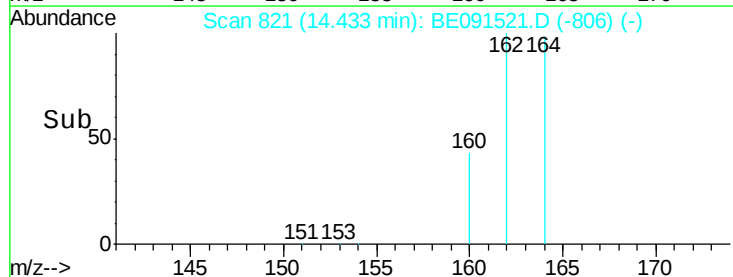
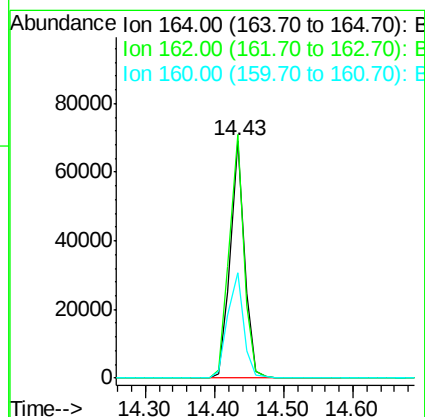
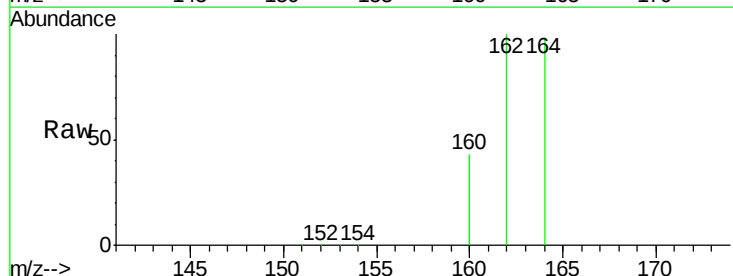
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

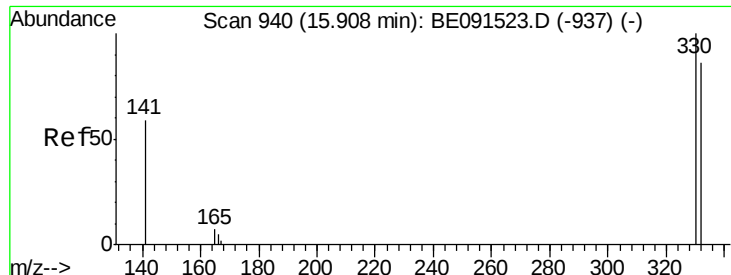
Tot Ion:142 Resp: 2245  
Ion Ratio Lower Upper  
142 100  
141 96.8 66.9 100.3  
115 46.2 25.1 37.7#



#10  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 14.43 min Scan# 821  
Delta R.T. -0.00 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

Tgt Ion:164 Resp: 99673  
Ion Ratio Lower Upper  
164 100  
162 102.4 84.4 126.6  
160 44.4 37.7 56.5

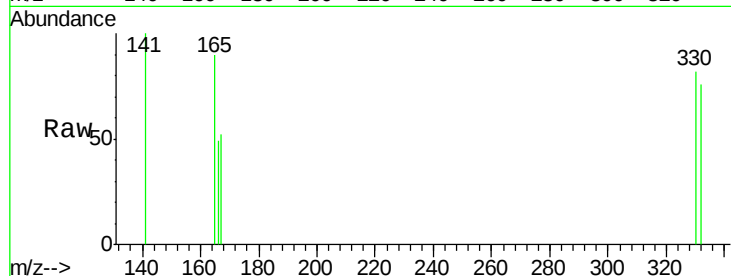




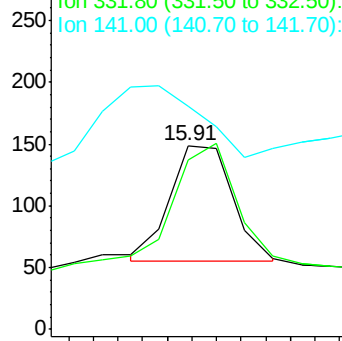
#11  
 2,4,6-Tribromophenol  
 Concen: 0.06 ng/ml  
 RT: 15.91 min Scan# 940  
 Delta R.T. -0.00 min  
 Lab File: BE091521.D  
 Acq: 25 Mar 2016 12:49

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

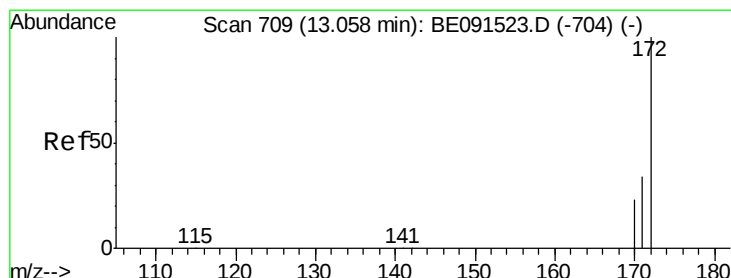
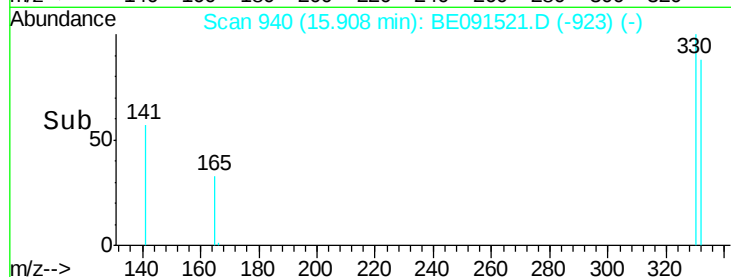
Tot Ion:330 Resp: 165  
 Ion Ratio Lower Upper  
 330 100  
 332 417.0 79.2 118.8#  
 141 0.0 28.1 42.1#



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

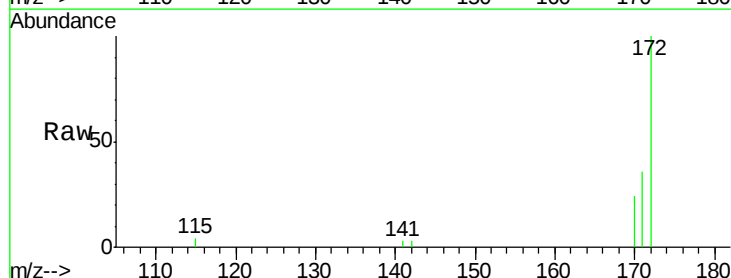


Time-->

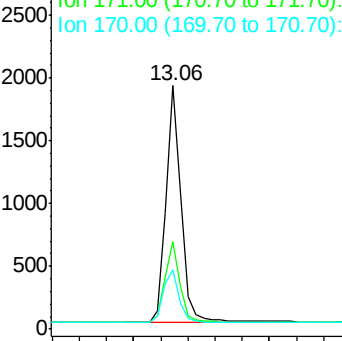


#12  
 2-Fluorobiphenyl  
 Concen: 0.12 ng  
 RT: 13.06 min Scan# 709  
 Delta R.T. -0.00 min  
 Lab File: BE091521.D  
 Acq: 25 Mar 2016 12:49

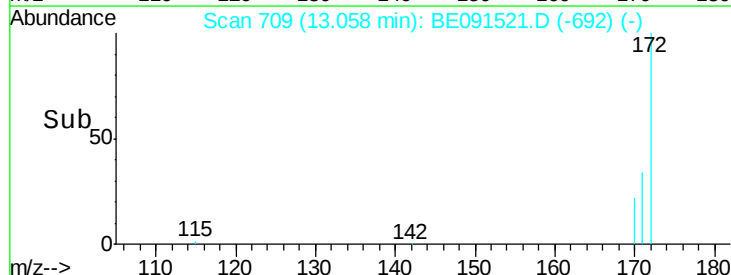
Tgt Ion:172 Resp: 3000  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 29.8 44.8  
 170 24.5 21.4 32.2

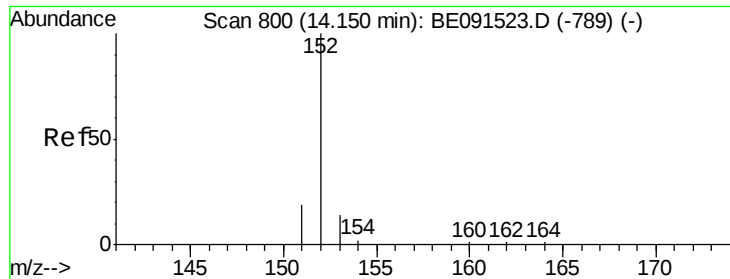


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



Time-->





#13

Acenaphthylene

Concen: 0.06 ng m

RT: 14.15 min Scan# 800

Delta R.T. -0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

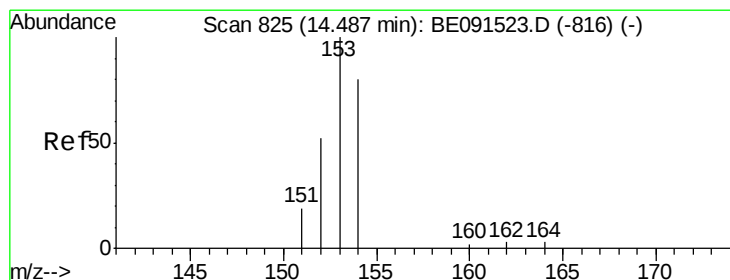
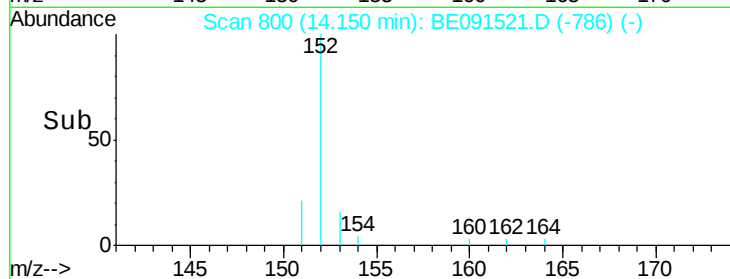
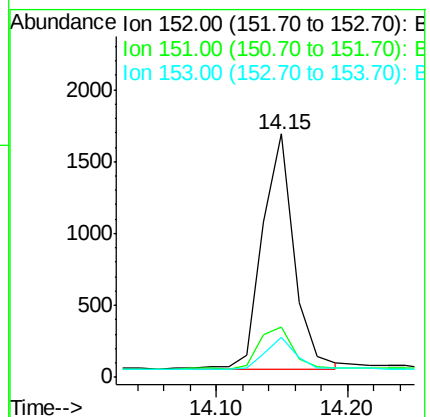
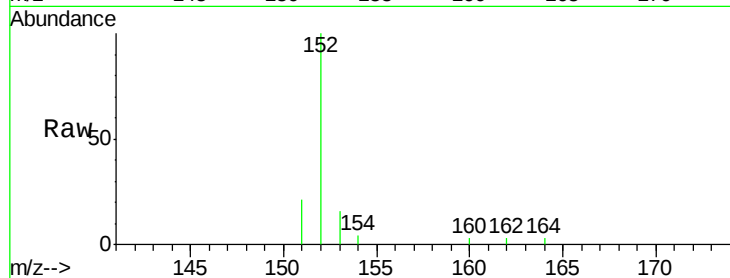
Tot Ion:152 Resp: 2744

Ion Ratio Lower Upper

152 100

151 60.3 16.3 24.5#

153 18.7 11.1 16.7#



#14

Acenaphthene

Concen: 0.08 ng

RT: 14.49 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

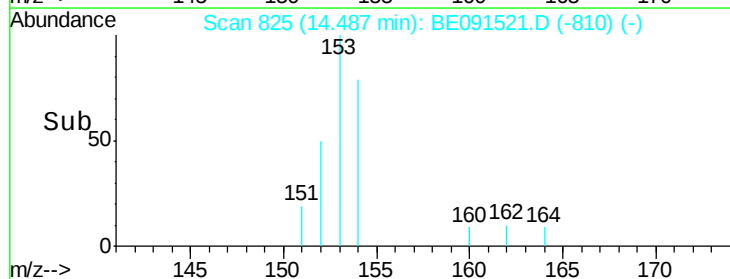
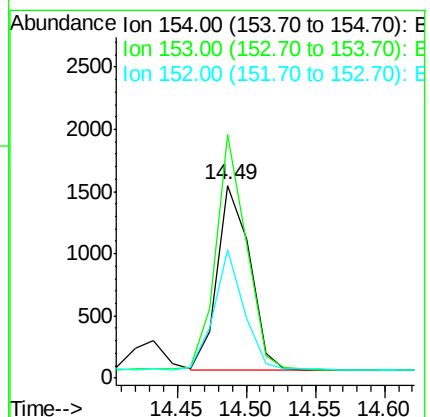
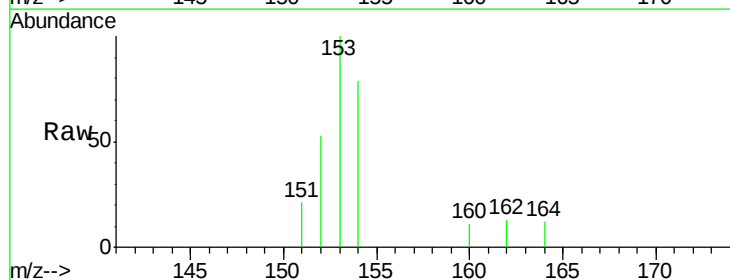
Tgt Ion:154 Resp: 2432

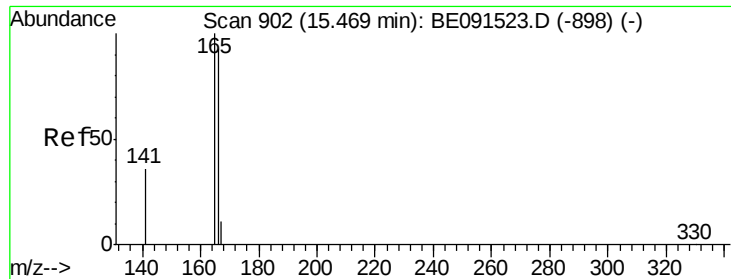
Ion Ratio Lower Upper

154 100

153 122.5 87.3 130.9

152 61.3 42.9 64.3





#15

Fluorene

Concen: 0.08 ng

RT: 15.47 min Scan# 902

Delta R.T. -0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

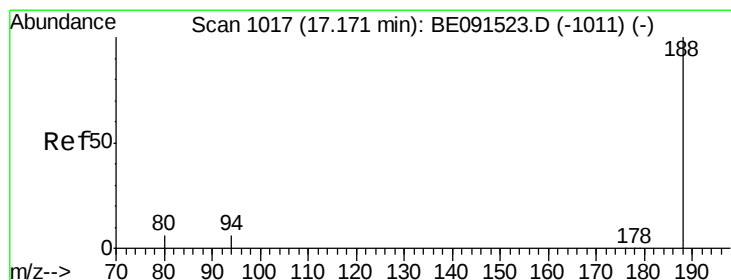
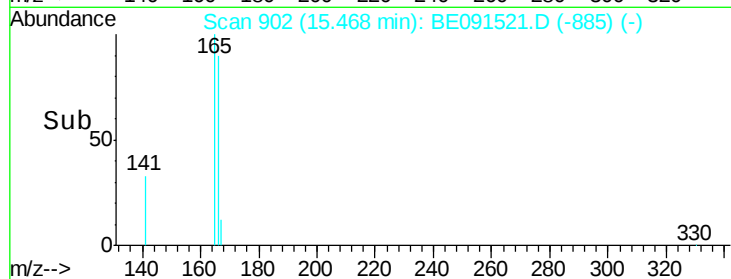
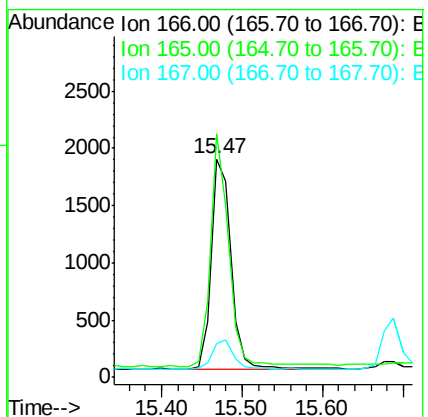
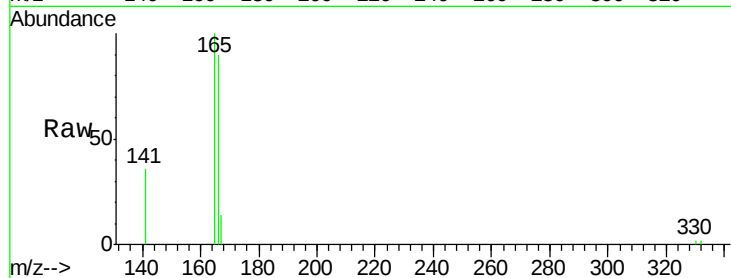
Tot Ion:166 Resp: 3164

Ion Ratio Lower Upper

166 100

165 102.0 79.2 118.8

167 14.9 10.8 16.2



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.17 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

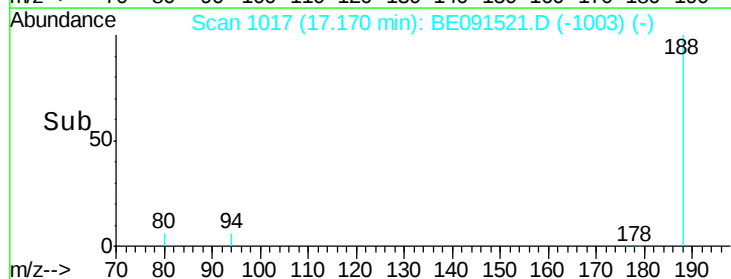
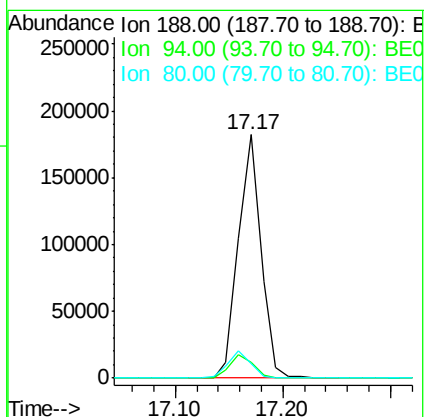
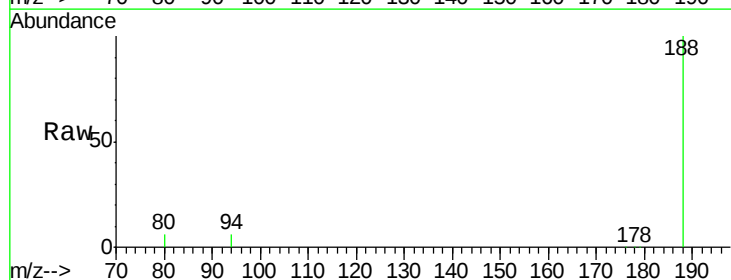
Tgt Ion:188 Resp: 266151

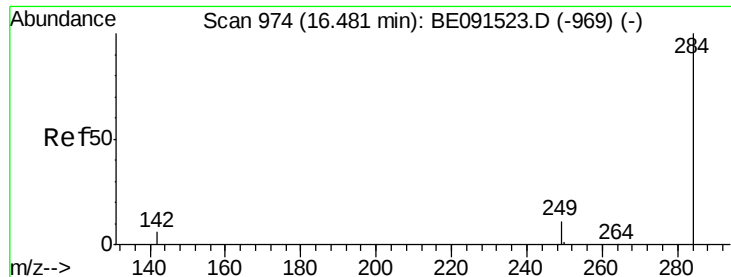
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 5.8 5.0 7.4

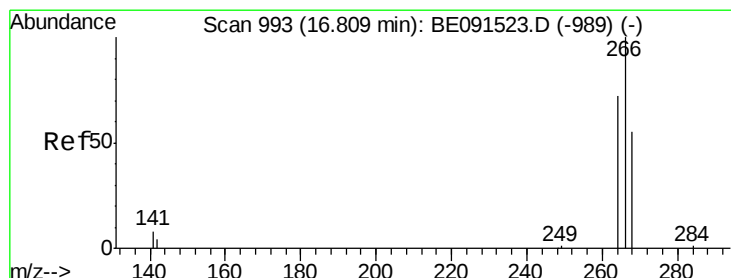
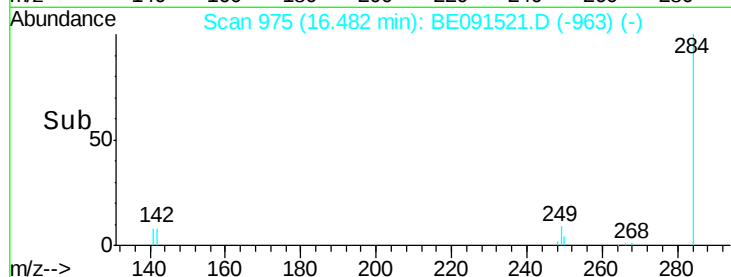
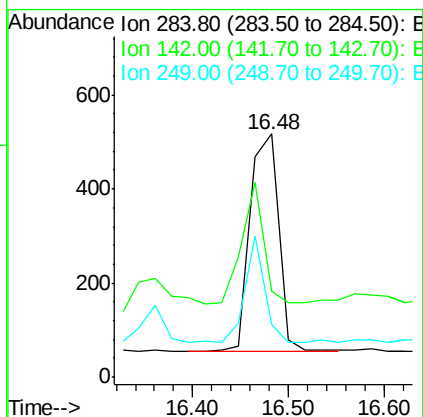
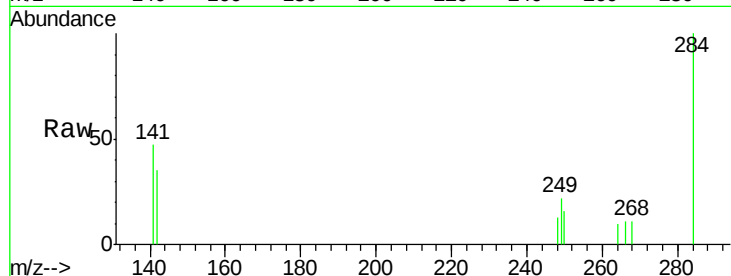




#17  
Hexachlorobenzene  
Concen: 0.08 ng  
RT: 16.48 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

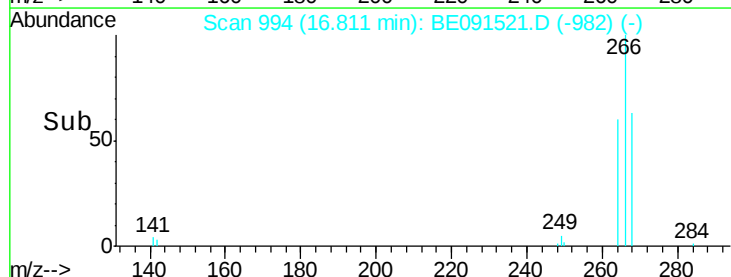
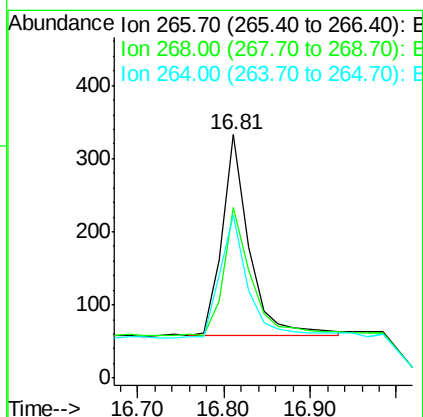
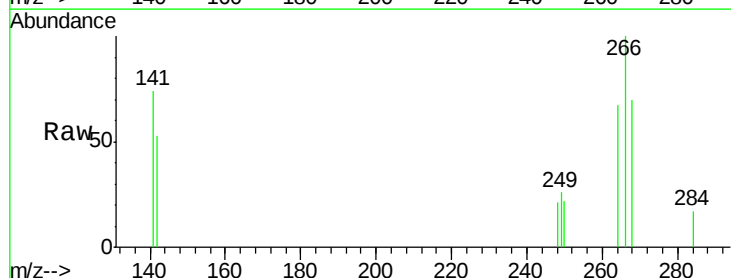
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

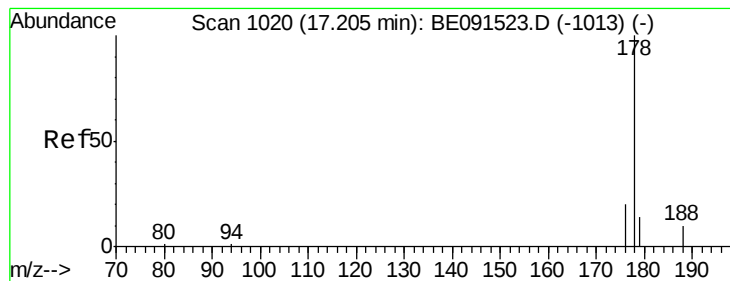
Tot Ion:284 Resp: 957  
Ion Ratio Lower Upper  
284 100  
142 44.3 31.0 46.4  
249 35.2 25.8 38.8



#18  
Pentachlorophenol  
Concen: 0.13 ng  
RT: 16.81 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

Tgt Ion:266 Resp: 607  
Ion Ratio Lower Upper  
266 100  
268 70.3 48.2 72.2  
264 66.7 52.1 78.1





#19

Phenanthrene

Concen: 0.09 ng

RT: 17.20 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

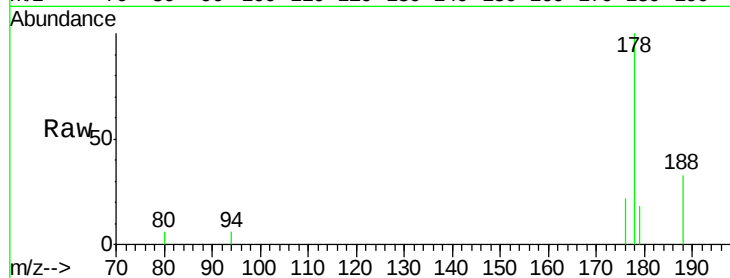
Tot Ion:178 Resp: 7166

Ion Ratio Lower Upper

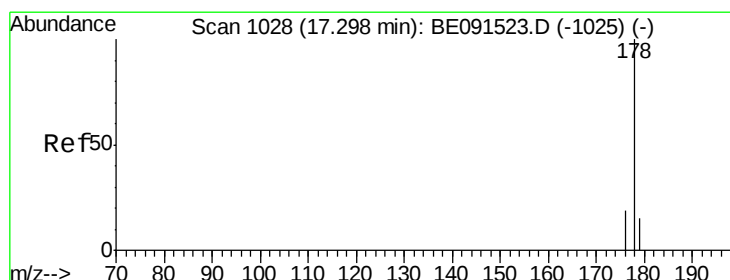
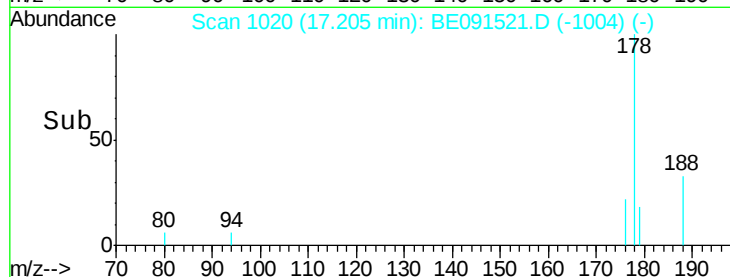
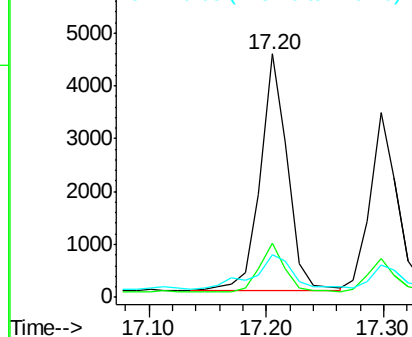
178 100

176 18.9 15.5 23.3

179 20.2 13.1 19.7#



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: 0.08 ng

RT: 17.30 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

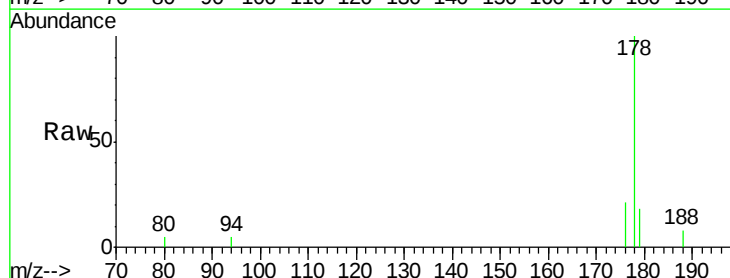
Tgt Ion:178 Resp: 5655

Ion Ratio Lower Upper

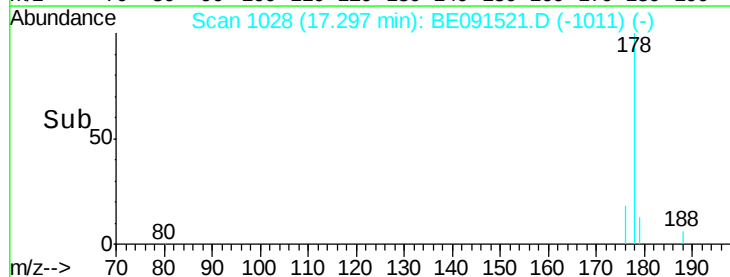
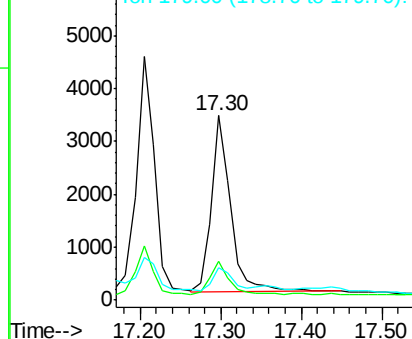
178 100

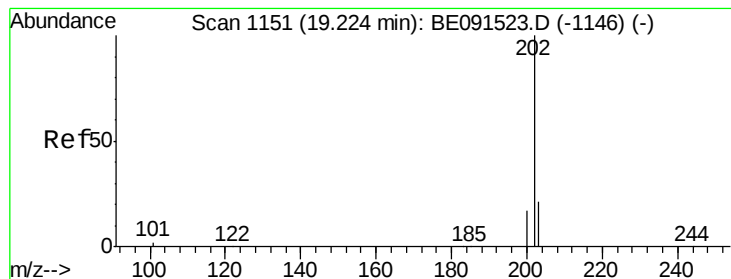
176 17.8 14.9 22.3

179 12.1 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: 0.07 ng

RT: 19.22 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

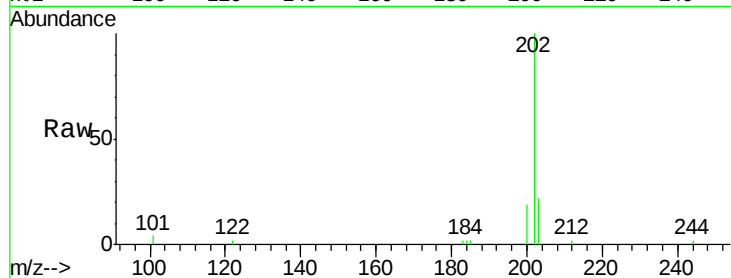
Tot Ion:202 Resp: 6342

Ion Ratio Lower Upper

202 100

101 11.7 8.3 12.5

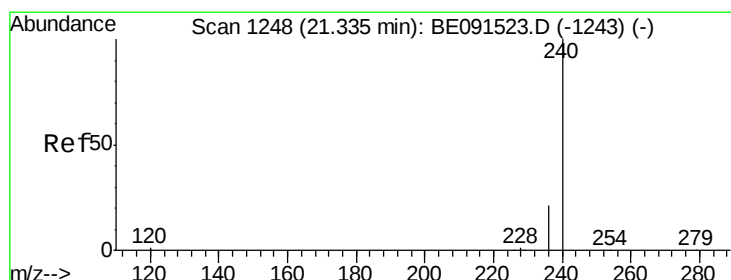
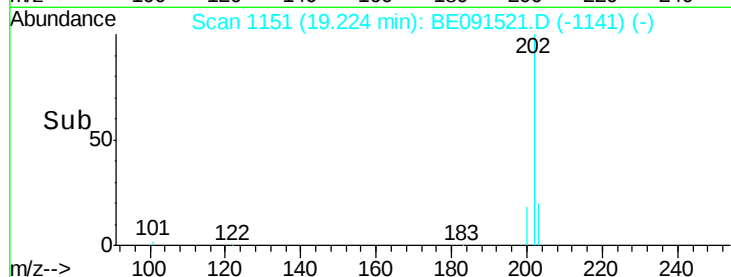
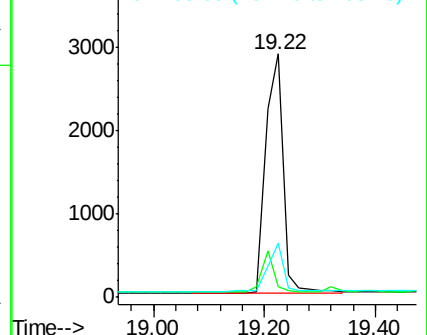
203 18.7 13.9 20.9



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: 21.33 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

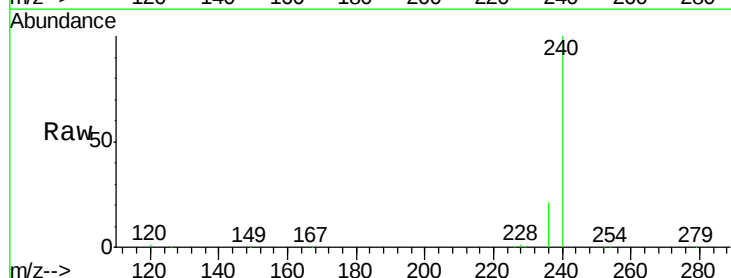
Tgt Ion:240 Resp: 294448

Ion Ratio Lower Upper

240 100

120 0.9 4.0 6.0#

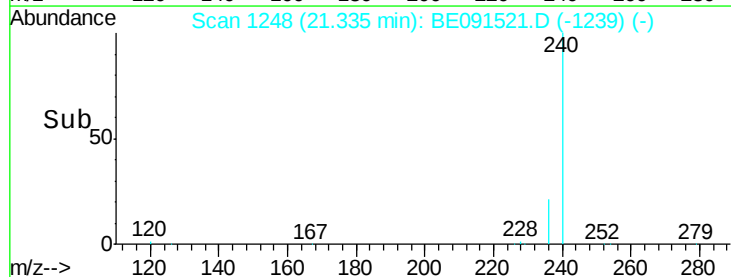
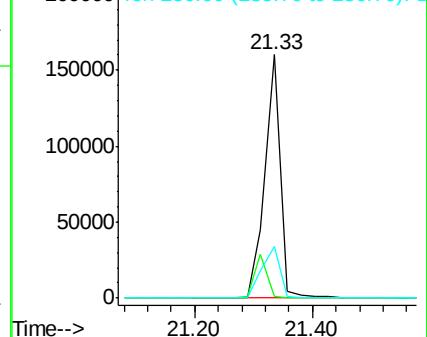
236 21.3 23.0 34.4#

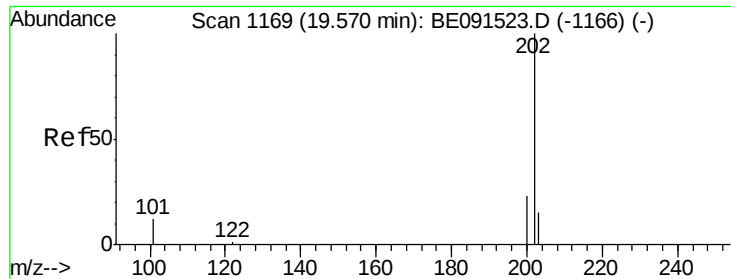


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

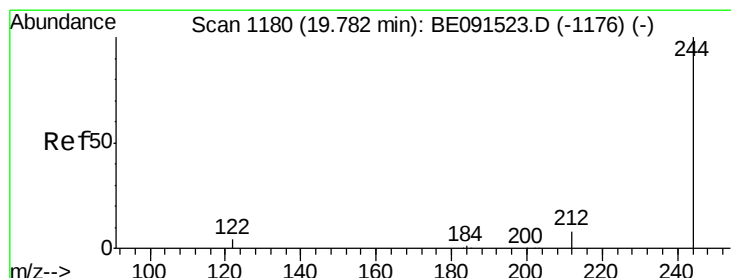
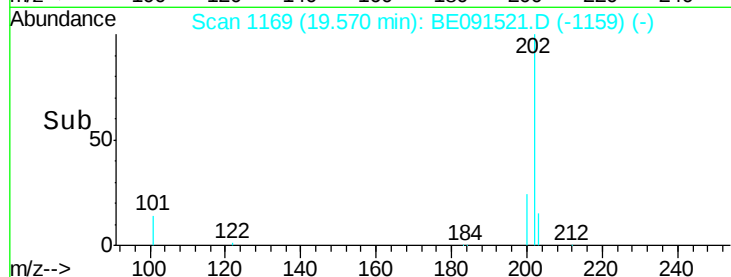
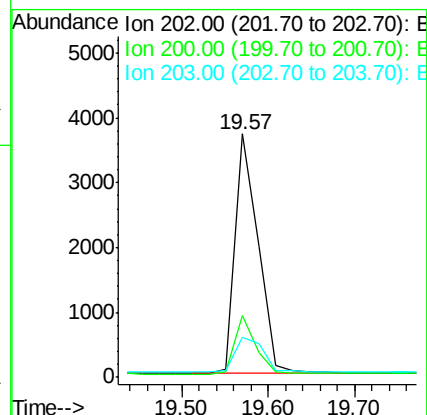
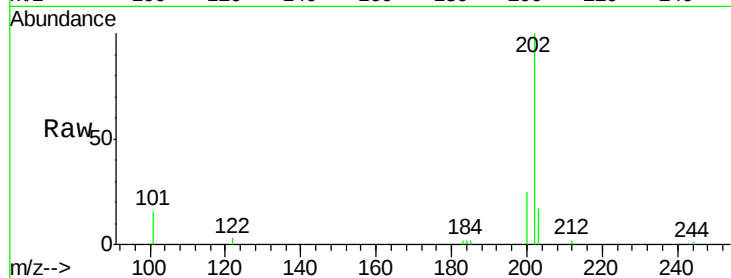




#23  
Pvrene  
Concen: 0.09 ng  
RT: 19.57 min Scan# 1169  
Delta R.T. -0.00 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

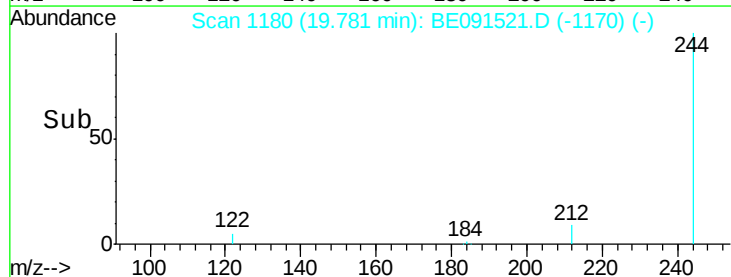
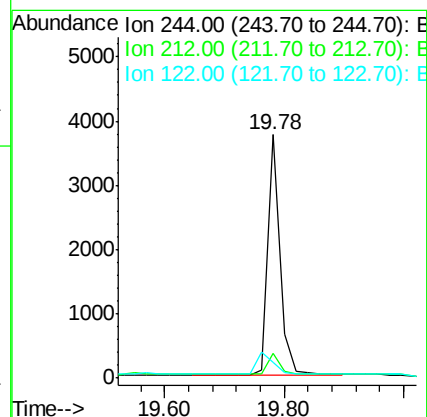
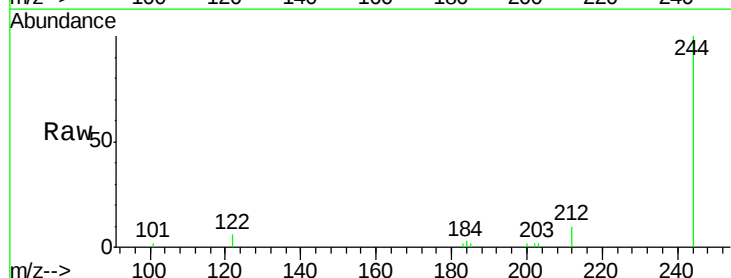
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

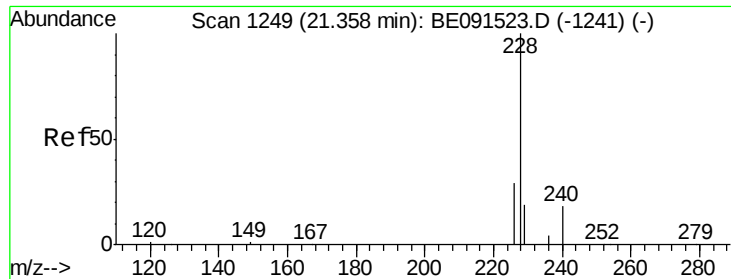
Tot Ion:202 Resp: 6861  
Ion Ratio Lower Upper  
202 100  
200 22.0 16.4 24.6  
203 17.7 14.6 21.8



#24  
Terphenyl-d14  
Concen: 0.15 ng  
RT: 19.78 min Scan# 1180  
Delta R.T. -0.00 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

Tgt Ion:244 Resp: 5306  
Ion Ratio Lower Upper  
244 100  
212 10.1 5.8 8.8#  
122 6.2 1.8 2.8#





#25

Benzo(a)anthracene

Concen: 0.14 ng m

RT: 21.31 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.1

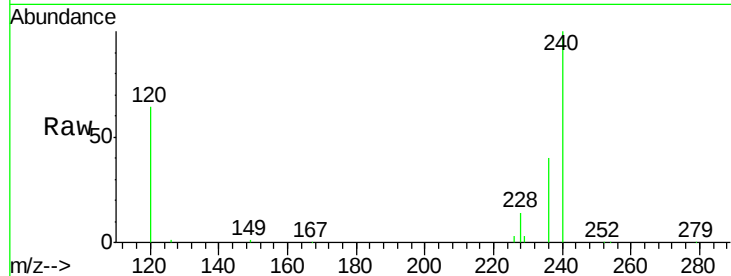
Tot Ion:228 Resp: 11014

Ion Ratio Lower Upper

228 100

226 22.9 24.0 36.0#

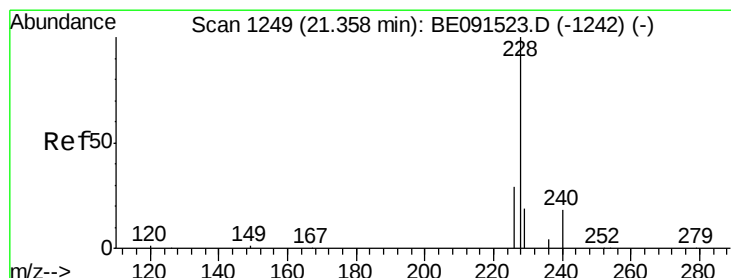
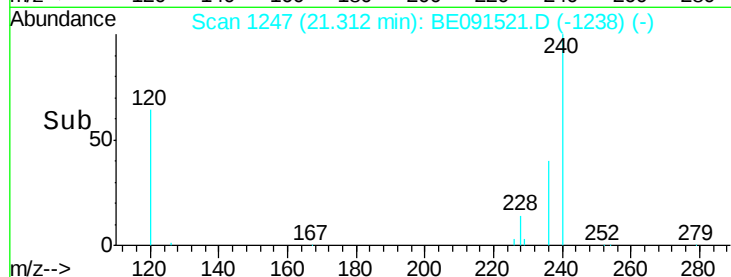
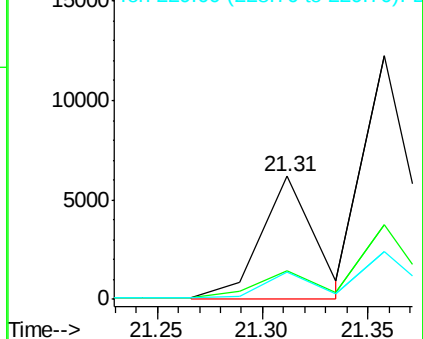
229 22.0 13.8 20.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#26

Chrysene

Concen: 0.24 ng m

RT: 21.36 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

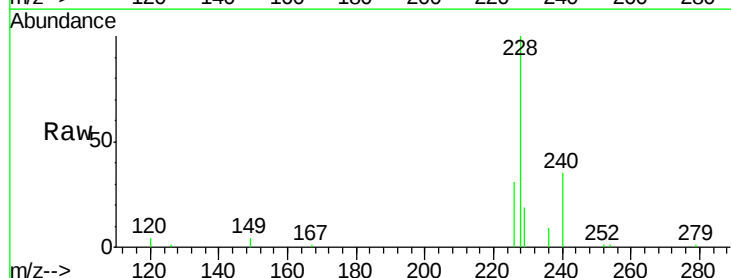
Tgt Ion:228 Resp: 19613

Ion Ratio Lower Upper

228 100

226 30.9 18.9 28.3#

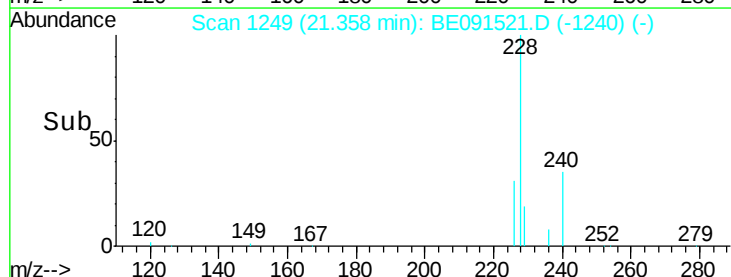
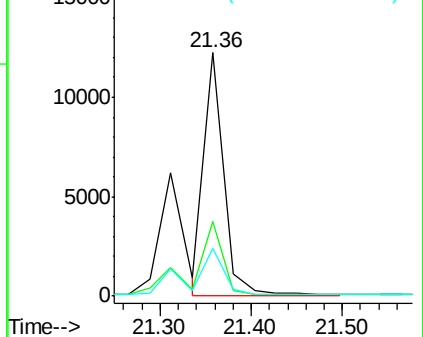
229 19.4 19.1 28.7

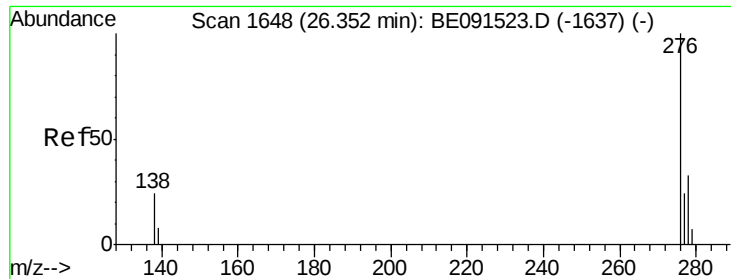


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

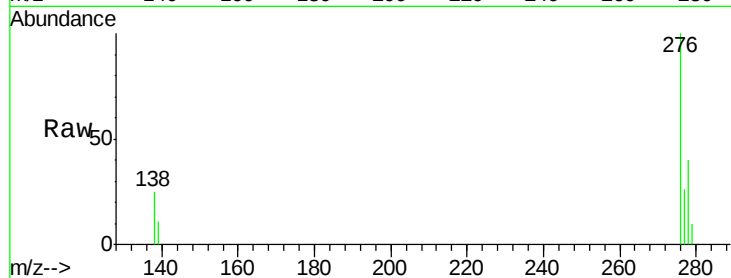




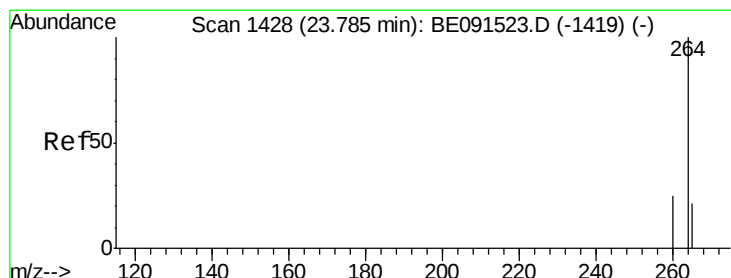
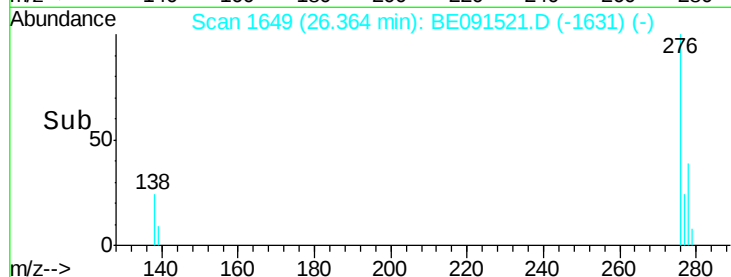
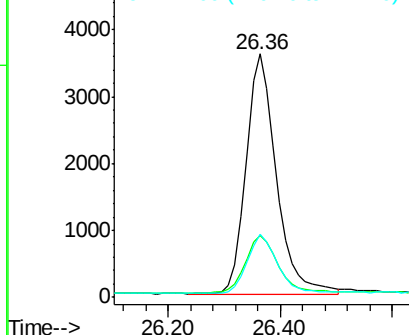
#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.16 ng  
RT: 26.36 min Scan# 1649  
Delta R.T. 0.01 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

Tot Ion:276 Resp: 13542  
Ion Ratio Lower Upper  
276 100  
138 25.3 20.2 30.4  
277 24.4 19.8 29.8

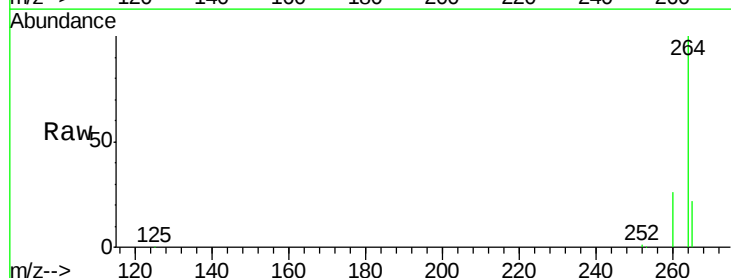


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

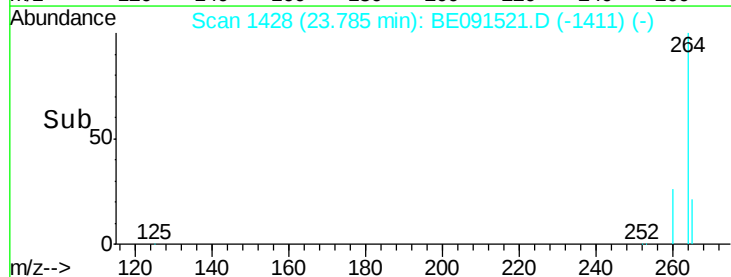
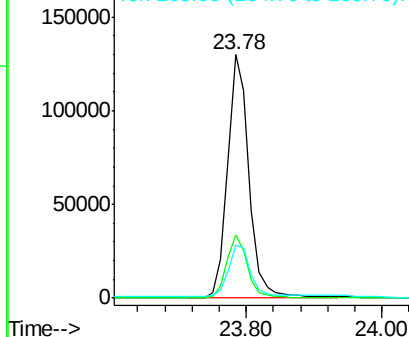


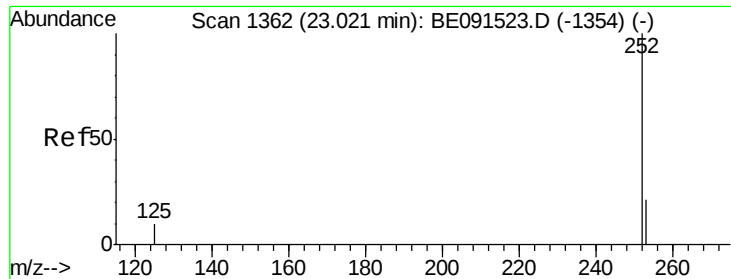
#28  
Perylene-d12  
Concen: 5.00 ng  
RT: 23.78 min Scan# 1428  
Delta R.T. 0.00 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

Tgt Ion:264 Resp: 289535  
Ion Ratio Lower Upper  
264 100  
260 26.0 20.1 30.1  
265 21.6 18.3 27.5



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





#29

Benzo(b)fluoranthene

Concen: 0.37 ng

RT: 23.03 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

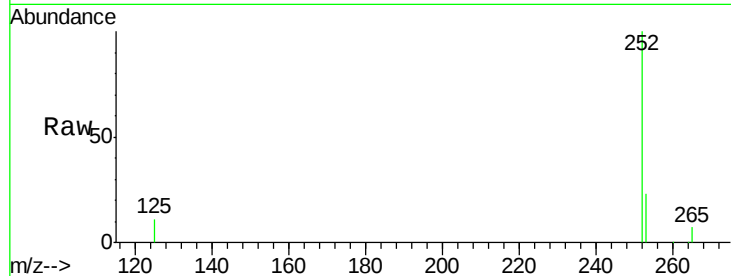
Tot Ion:252 Resp: 34269

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

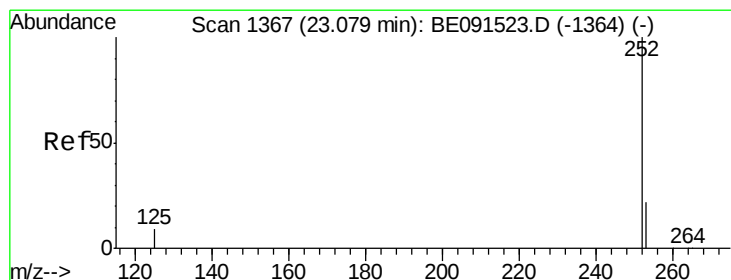
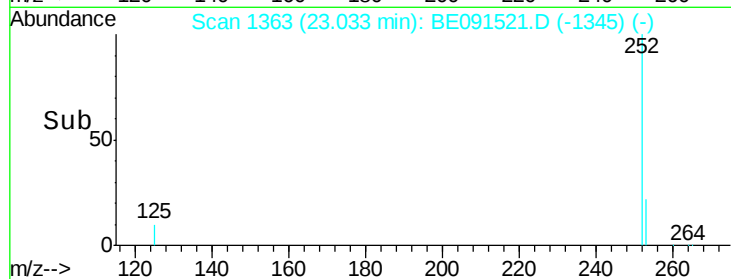
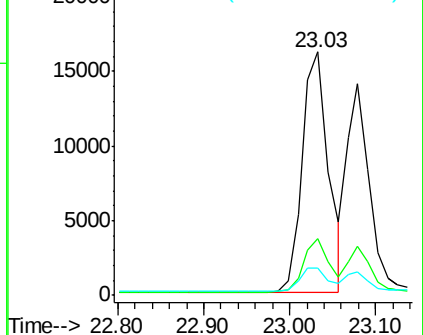
125 11.2 9.8 14.6



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



#30

Benzo(k)fluoranthene

Concen: 0.28 ng

RT: 23.08 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE091521.D

Acq: 25 Mar 2016 12:49

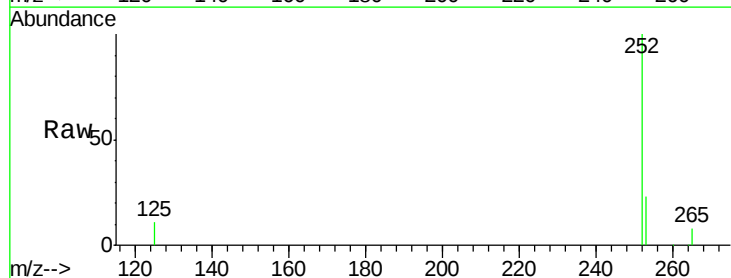
Tgt Ion:252 Resp: 25820

Ion Ratio Lower Upper

252 100

253 23.3 20.2 30.4

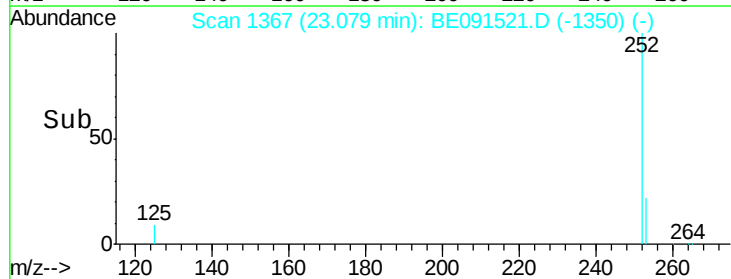
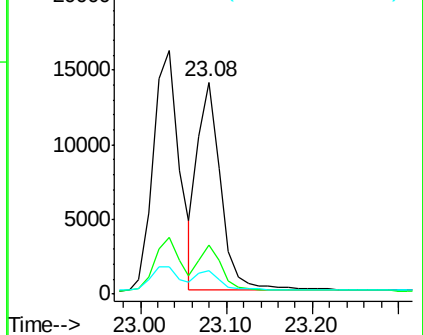
125 11.2 9.4 14.2

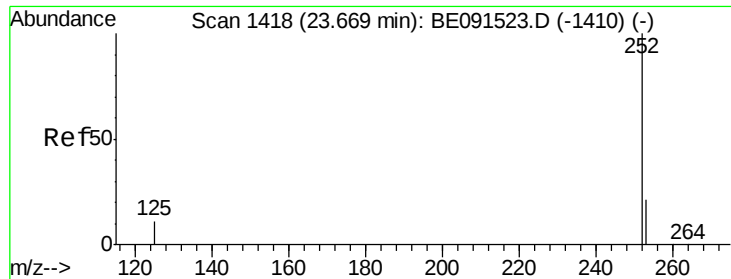


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

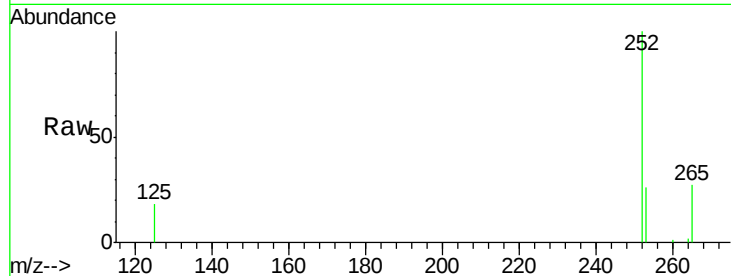




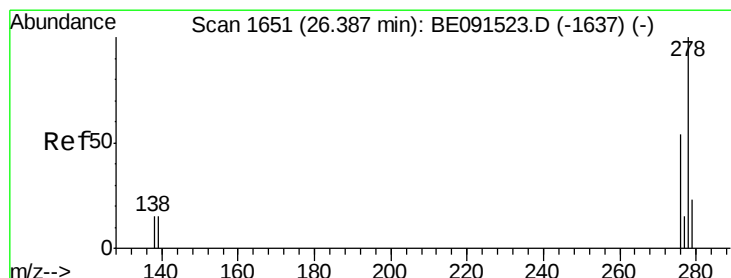
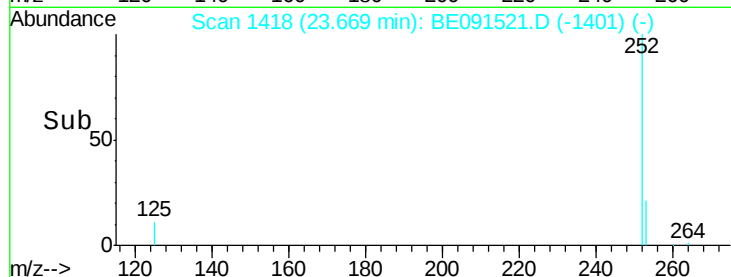
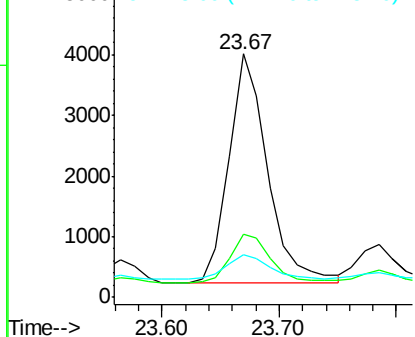
#31  
Benzo(a)pyrene  
Concen: 0.11 ng  
RT: 23.67 min Scan# 1418  
Delta R.T. 0.00 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

Tot Ion:252 Resp: 8751  
Ion Ratio Lower Upper  
252 100  
253 26.0 19.4 29.0  
125 17.7 11.4 17.2#

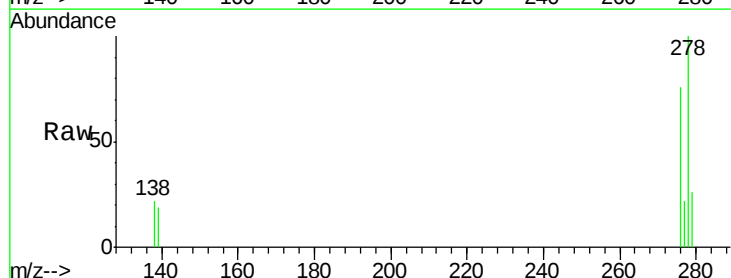


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

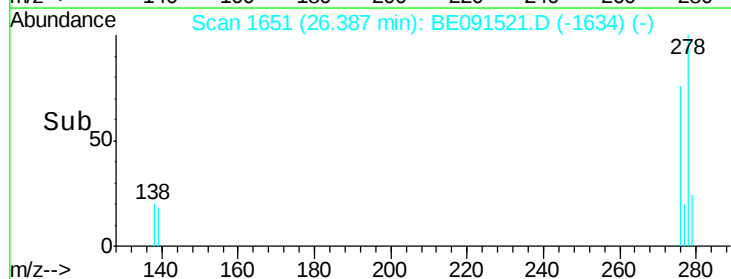
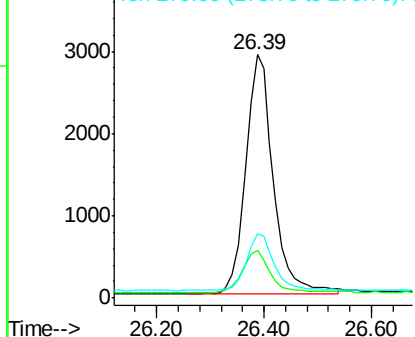


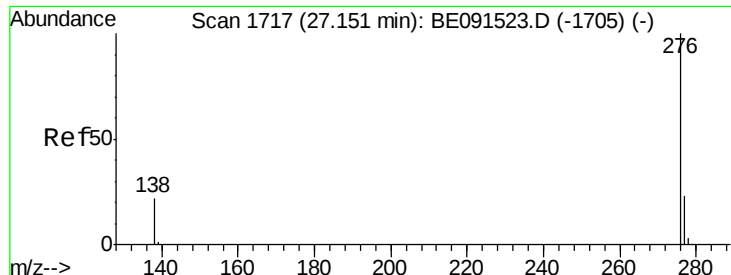
#32  
Dibenzo(a,h)anthracene  
Concen: 0.13 ng  
RT: 26.39 min Scan# 1651  
Delta R.T. -0.00 min  
Lab File: BE091521.D  
Acq: 25 Mar 2016 12:49

Tgt Ion:278 Resp: 10351  
Ion Ratio Lower Upper  
278 100  
139 19.5 14.2 21.4  
279 26.2 19.6 29.4



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(a,h,i)perylene

Concen: 0.14 ng

RT: 27.16 min Scan# 1718

Delta R.T. 0.01 min

Lab File: BE091521.D

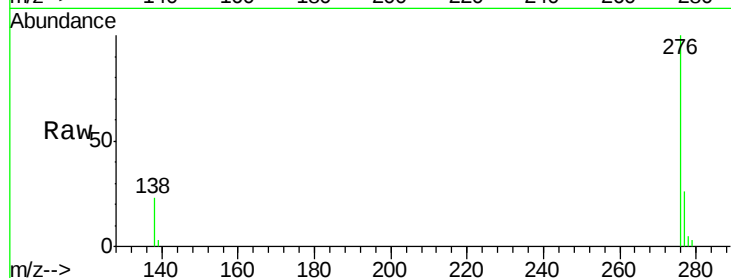
Acq: 25 Mar 2016 12:49

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1



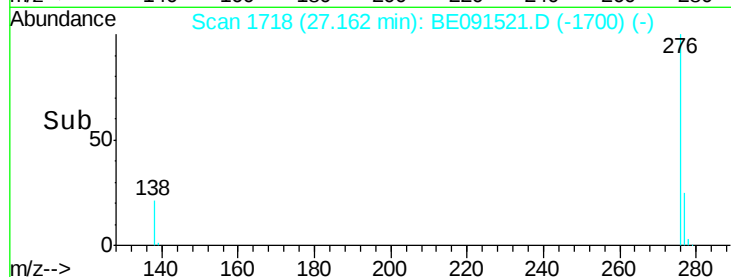
Tot Ion: 276 Resp: 11786

Ion Ratio Lower Upper

276 100

277 26.5 19.4 29.2

138 22.8 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

