

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE031816\  
 Data File : BE091471.D  
 Acq On : 17 Mar 2016 17:54  
 Operator : UM/SJ  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICCC0.4

Quant Time: Mar 18 02:40:57 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE031816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 18 02:38:58 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 63448    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.61 | 136  | 293697   | 5.00 | ng    | 0.00     |
| 10) Acenaphthene-d10      | 14.45 | 164  | 178633   | 5.00 | ng    | 0.00     |
| 16) Phenanthrene-d10      | 17.18 | 188  | 460144   | 5.00 | ng    | 0.00     |
| 22) Chrysene-d12          | 21.34 | 240  | 617686   | 5.00 | ng    | 0.00     |
| 28) Perylene-d12          | 23.81 | 264  | 549653   | 5.00 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.42  | 112 | 5240  | 0.46 | ng | 0.00 |
| 5) Phenol-d6                | 6.99  | 99  | 6630  | 0.49 | ng | 0.00 |
| 7) Nitrobenzene-d5          | 8.98  | 82  | 4408  | 0.35 | ng | 0.00 |
| 11) 2,4,6-Tribromophenol    | 15.93 | 330 | 2323  | 0.49 | ng | 0.00 |
| 12) 2-Fluorobiphenyl        | 13.07 | 172 | 16526 | 0.33 | ng | 0.00 |
| 24) Terphenyl-d14           | 19.80 | 244 | 29177 | 0.38 | ng | 0.00 |

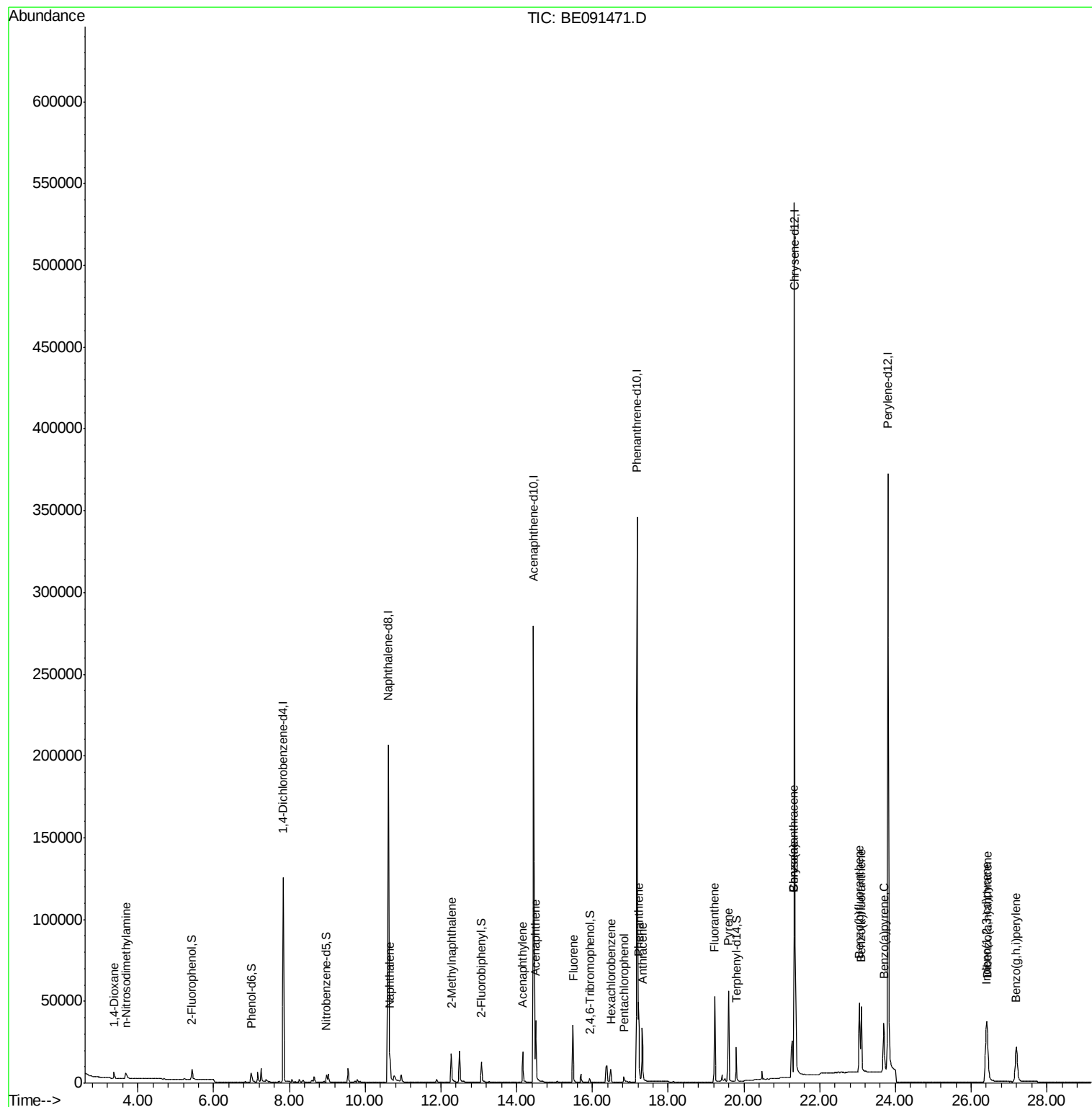
|                            |       |     |        |        |    |      |
|----------------------------|-------|-----|--------|--------|----|------|
| Target Compounds           |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane             | 3.37  | 88  | 3009   | 0.42   | ng | 100  |
| 3) n-Nitrosodimethylamine  | 3.68  | 42  | 3906   | 0.72   | ng | 100  |
| 8) Naphthalene             | 10.65 | 128 | 26752  | 0.34   | ng | 100  |
| 9) 2-Methylnaphthalene     | 12.27 | 142 | 16872  | 0.34   | ng | 100  |
| 13) Acenaphthylene         | 14.16 | 152 | 24995  | 0.28   | ng | 100  |
| 14) Acenaphthene           | 14.50 | 154 | 21169  | 0.33   | ng | 100  |
| 15) Fluorene               | 15.49 | 166 | 26017  | 0.35   | ng | 100  |
| 17) Hexachlorobenzene      | 16.48 | 284 | 7234   | 0.25   | ng | 100  |
| 18) Pentachlorophenol      | 16.83 | 266 | 2579   | 0.91   | ng | 100  |
| 19) Phenanthrene           | 17.22 | 178 | 48930  | 0.34   | ng | 100  |
| 20) Anthracene             | 17.31 | 178 | 40214  | 0.31   | ng | 100  |
| 21) Fluoranthene           | 19.23 | 202 | 53799  | 0.35   | ng | 100  |
| 23) Pyrene                 | 19.59 | 202 | 58251  | 0.25   | ng | 100  |
| 25) Benzo(a)anthracene     | 21.31 | 228 | 127019 | 0.62   | ng | 100  |
| 26) Chrysene               | 21.31 | 228 | 128540 | 0.59   | ng | # 87 |
| 27) Indeno(1,2,3-cd)pyrene | 26.40 | 276 | 64333  | 0.37   | ng | 100  |
| 29) Benzo(b)fluoranthene   | 23.04 | 252 | 62321  | 0.31   | ng | 100  |
| 30) Benzo(k)fluoranthene   | 23.10 | 252 | 65270  | 0.33   | ng | 100  |
| 31) Benzo(a)pyrene         | 23.69 | 252 | 53622  | 0.32   | ng | 100  |
| 32) Dibenzo(a,h)anthracene | 26.42 | 278 | 53245  | 0.38   | ng | 100  |
| 33) Benzo(g,h,i)perylene   | 27.18 | 276 | 56798  | 0.35   | ng | 100  |

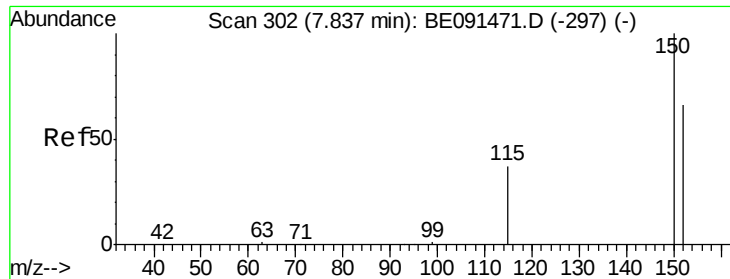
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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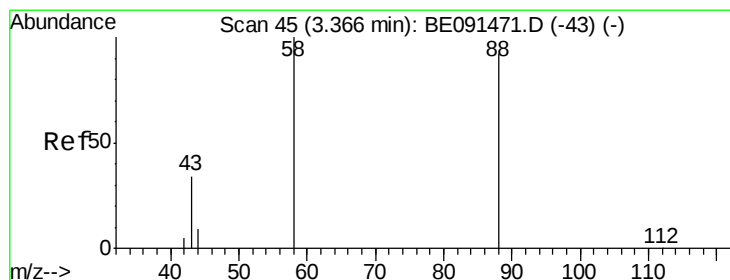
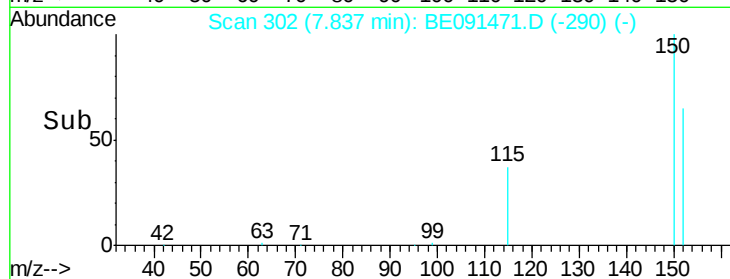
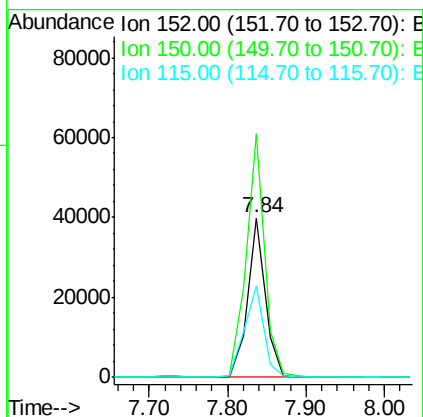
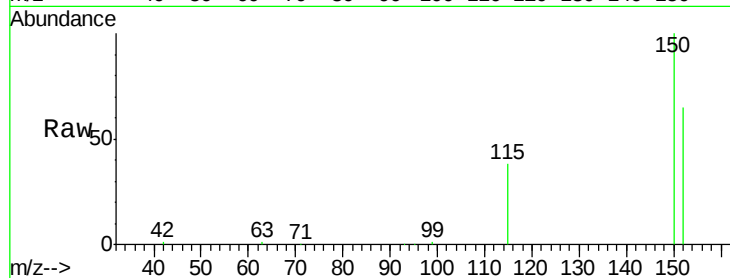




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.84 min Scan# 302  
 Delta R.T. 0.00 min  
 Lab File: BE091471.D  
 Acq: 17 Mar 2016 17:54

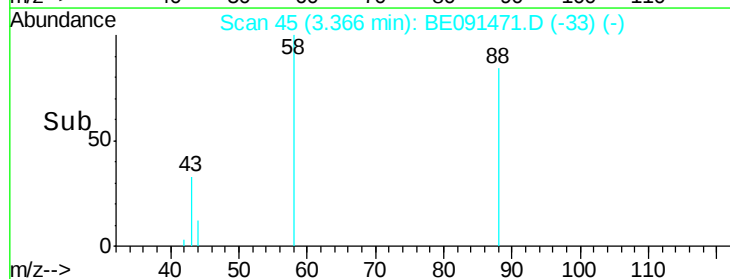
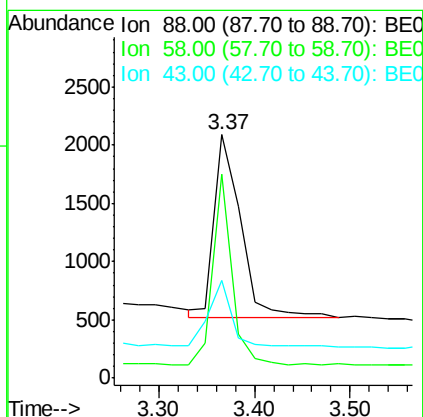
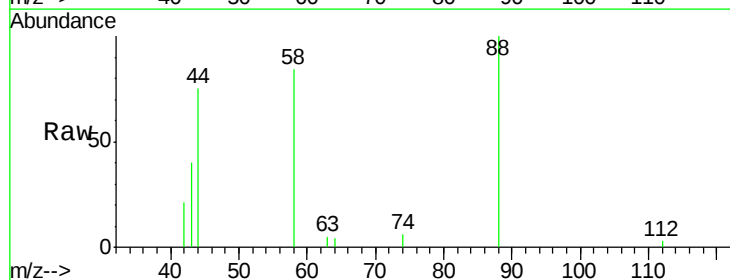
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.4

Tgt Ion: 152 Resp: 63448  
 Ion Ratio Lower Upper  
 152 100  
 150 152.7 122.2 183.2  
 115 57.4 45.9 68.9



#2  
 1,4-Dioxane  
 Concen: 0.42 ng  
 RT: 3.37 min Scan# 45  
 Delta R.T. 0.00 min  
 Lab File: BE091471.D  
 Acq: 17 Mar 2016 17:54

Tgt Ion: 88 Resp: 3009  
 Ion Ratio Lower Upper  
 88 100  
 58 76.3 61.0 91.6  
 43 31.8 25.4 38.2



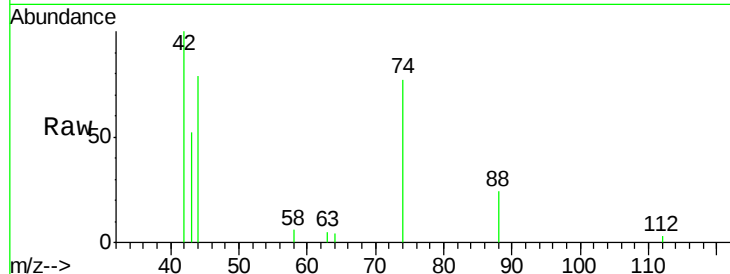


#3

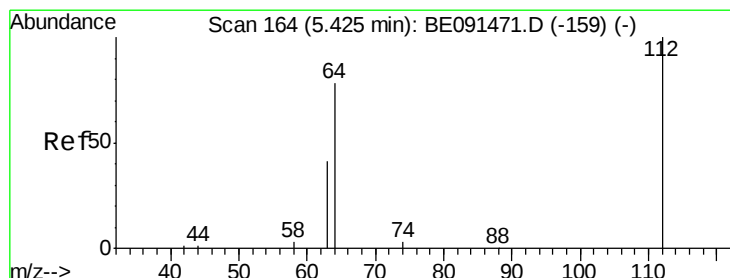
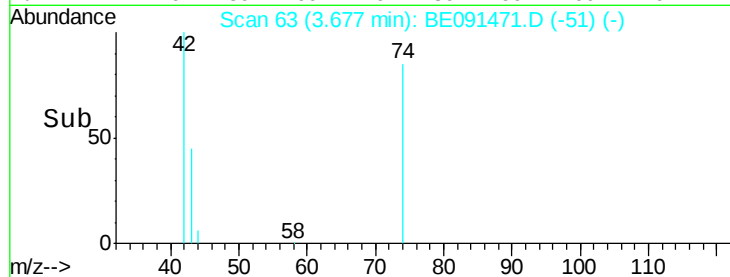
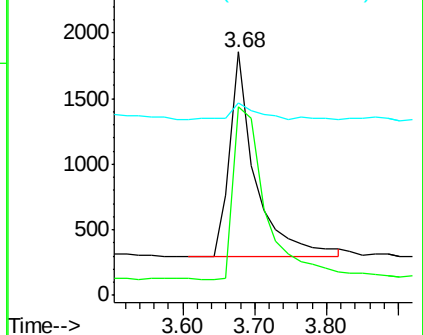
n-Nitrosodimethylamine  
 Concen: 0.72 ng  
 RT: 3.68 min Scan# 63  
 Delta R.T. 0.00 min  
 Lab File: BE091471.D  
 Acq: 17 Mar 2016 17:54

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.4

Tgt Ion: 42 Resp: 3906  
 Ion Ratio Lower Upper  
 42 100  
 74 105.4 84.3 126.5  
 44 8.4 6.7 10.1



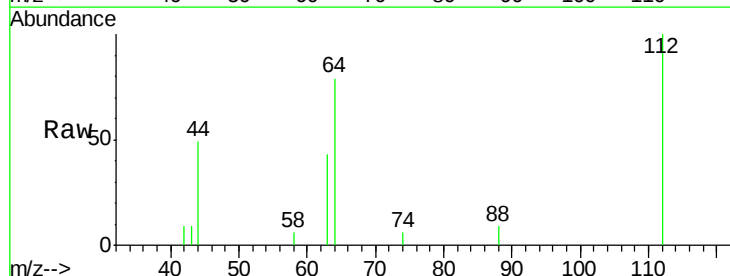
Abundance Ion 42.00 (41.70 to 42.70): BE0  
 Ion 74.00 (73.70 to 74.70): BE0  
 Ion 44.00 (43.70 to 44.70): BE0



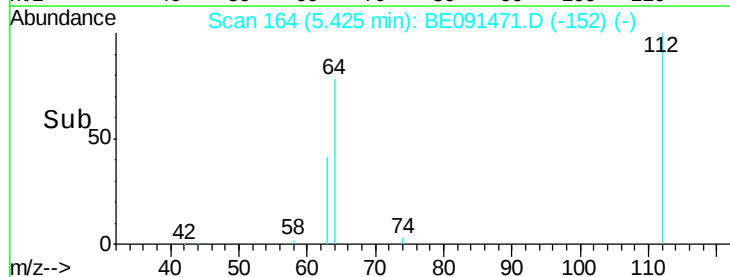
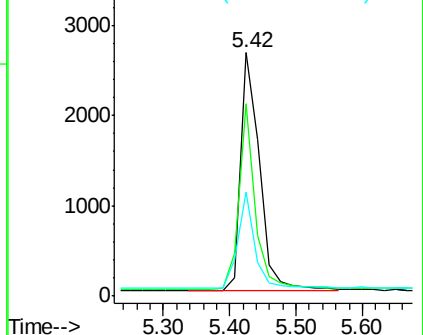
#4

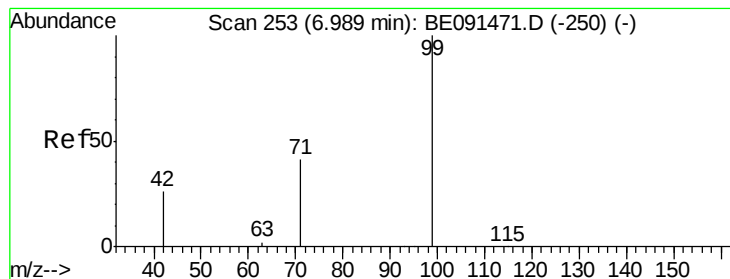
2-Fluorophenol  
 Concen: 0.46 ng  
 RT: 5.42 min Scan# 164  
 Delta R.T. 0.00 min  
 Lab File: BE091471.D  
 Acq: 17 Mar 2016 17:54

Tgt Ion: 112 Resp: 5240  
 Ion Ratio Lower Upper  
 112 100  
 64 66.6 53.3 79.9  
 63 37.3 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: 0.49 ng

RT: 6.99 min Scan# 253

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

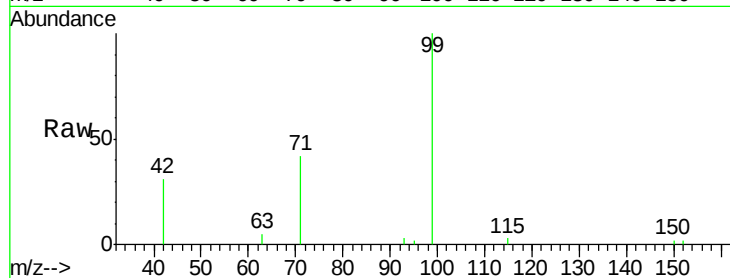
Tgt Ion: 99 Resp: 6630

Ion Ratio Lower Upper

99 100

42 25.8 20.6 30.8

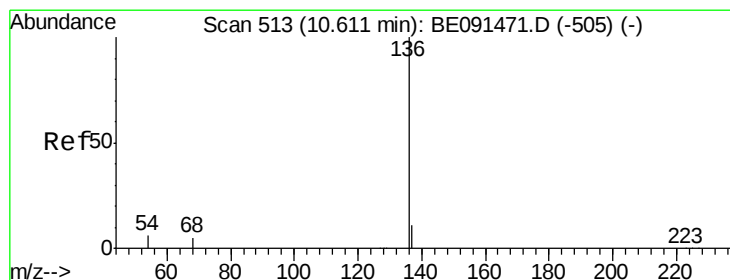
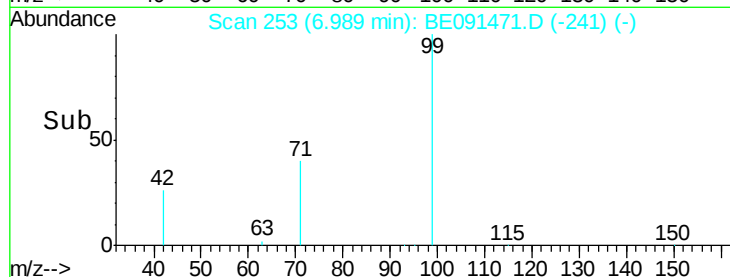
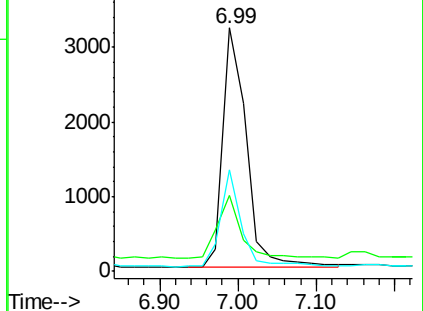
71 35.8 29.0 43.4



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: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

Tgt Ion: 136 Resp: 293697

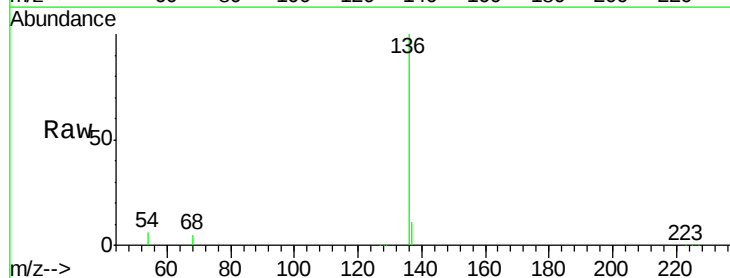
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.5 5.2 7.8

68 5.1 4.1 6.1

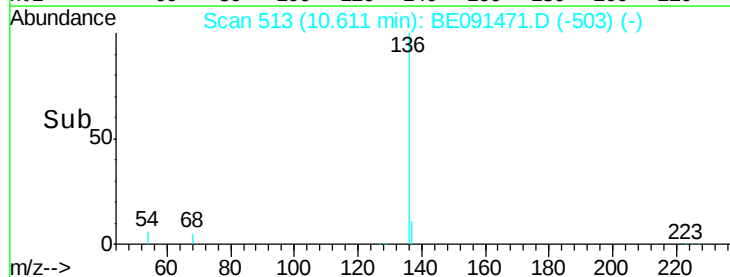
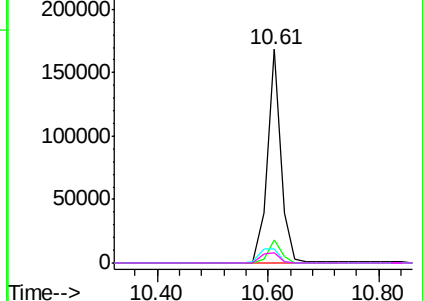


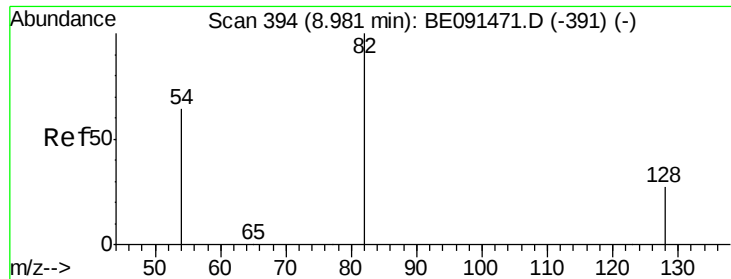
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.35 ng

RT: 8.98 min Scan# 394

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

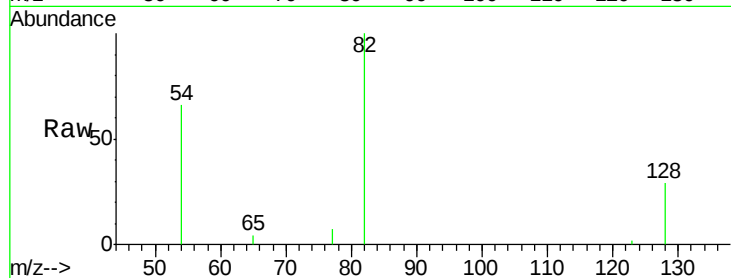
Tgt Ion: 82 Resp: 4408

Ion Ratio Lower Upper

82 100

128 29.4 23.5 35.3

54 65.5 52.4 78.6

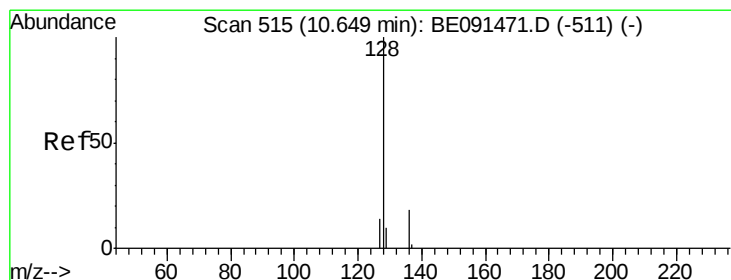
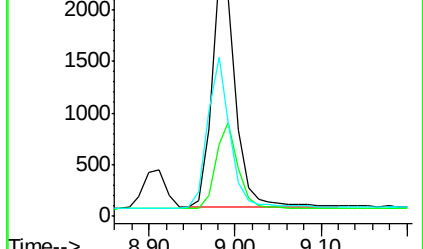
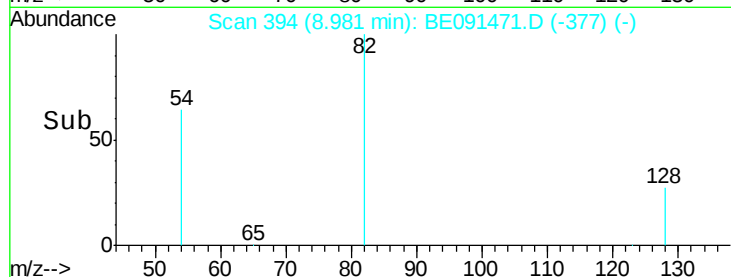


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#8

Naphthalene

Concen: 0.34 ng

RT: 10.65 min Scan# 515

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

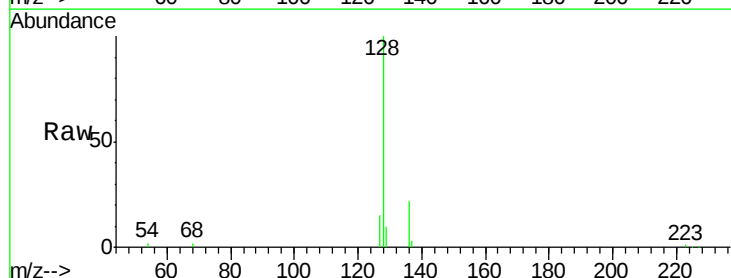
Tgt Ion: 128 Resp: 26752

Ion Ratio Lower Upper

128 100

129 10.2 8.2 12.2

127 14.8 11.8 17.8

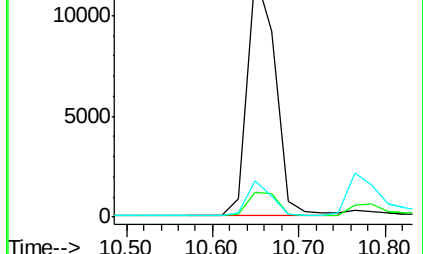
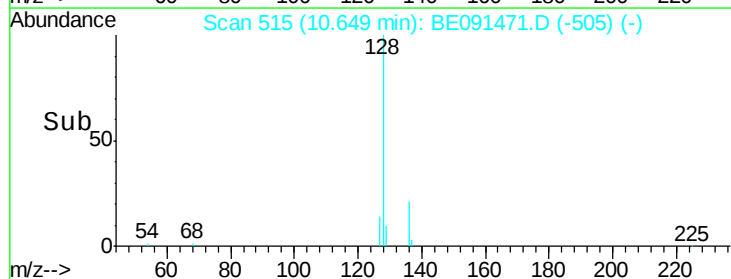


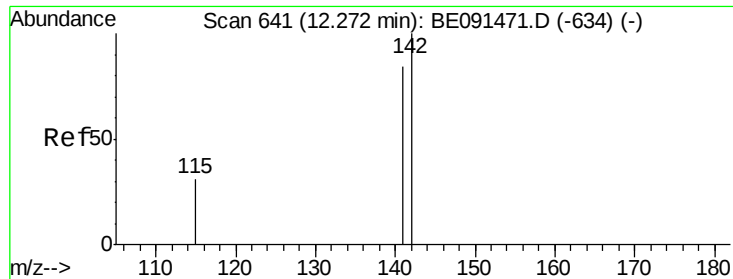
Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0

Time-->





#9

2-Methylnaphthalene

Concen: 0.34 ng

RT: 12.27 min Scan# 641

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

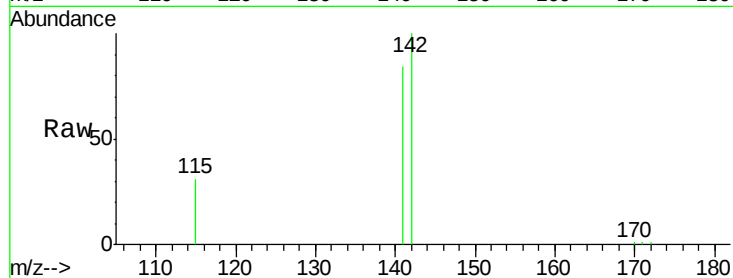
Tgt Ion:142 Resp: 16872

Ion Ratio Lower Upper

142 100

141 83.6 66.9 100.3

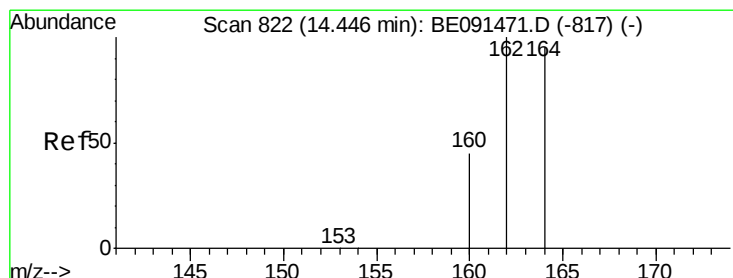
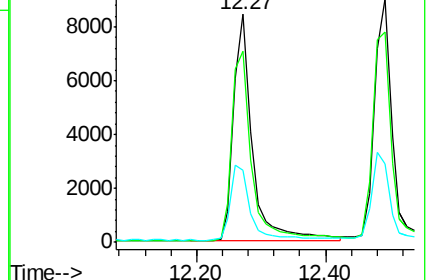
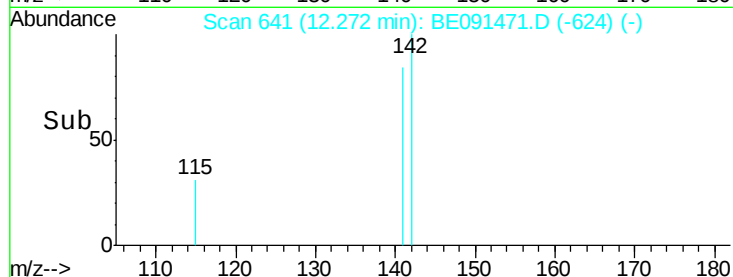
115 31.4 25.1 37.7



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: 14.45 min Scan# 822

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

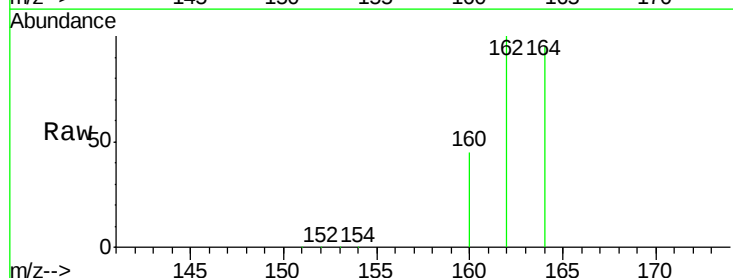
Tgt Ion:164 Resp: 178633

Ion Ratio Lower Upper

164 100

162 105.5 84.4 126.6

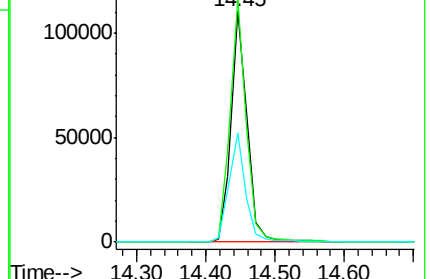
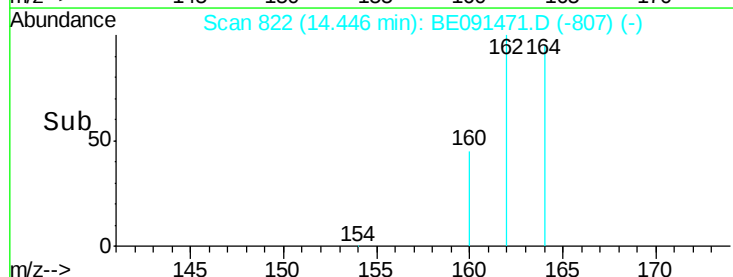
160 47.1 37.7 56.5

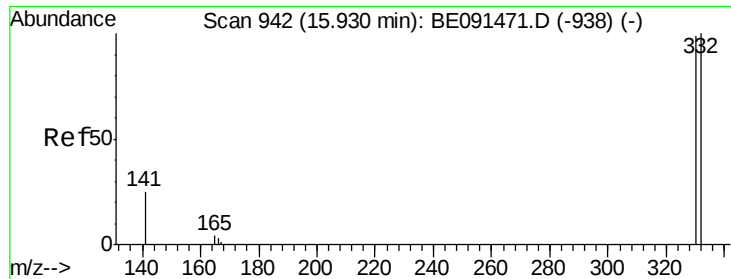


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

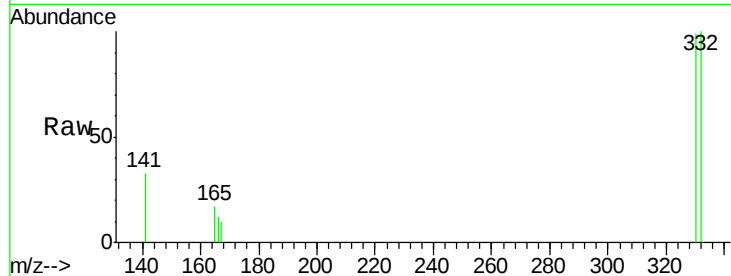




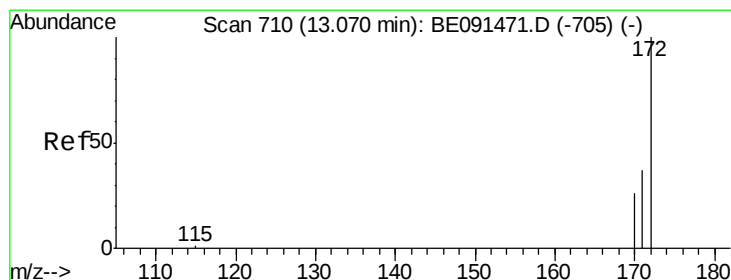
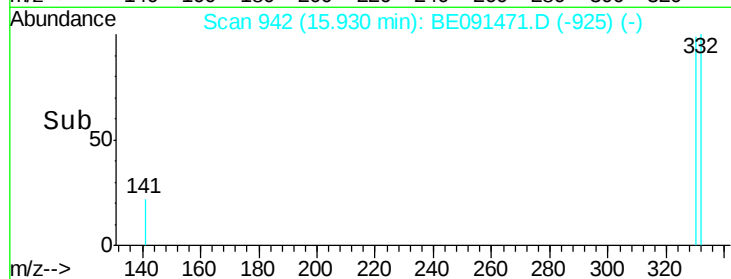
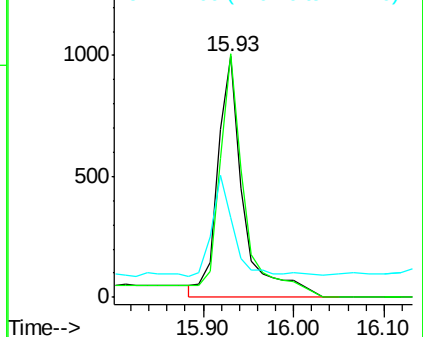
#11  
 2,4,6-Tribromophenol  
 Concen: 0.49 ng  
 RT: 15.93 min Scan# 942  
 Delta R.T. 0.00 min  
 Lab File: BE091471.D  
 Acq: 17 Mar 2016 17:54

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.4

Tgt Ion:330 Resp: 2323  
 Ion Ratio Lower Upper  
 330 100  
 332 99.0 79.2 118.8  
 141 35.1 28.1 42.1

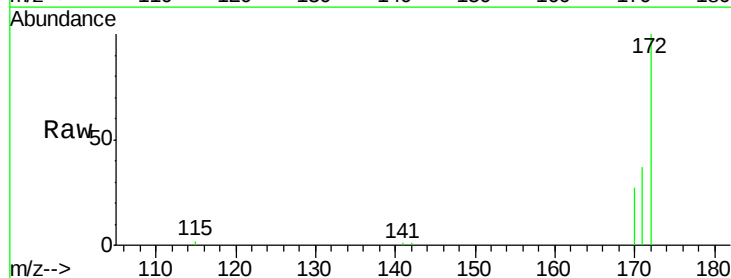


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

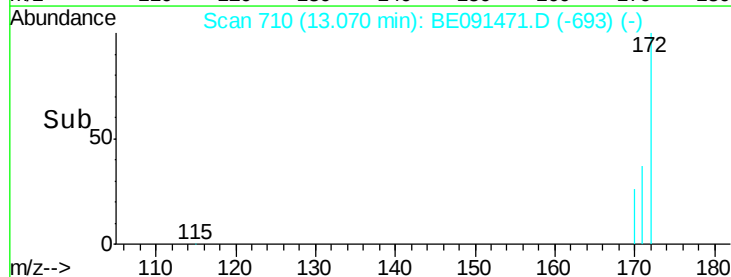
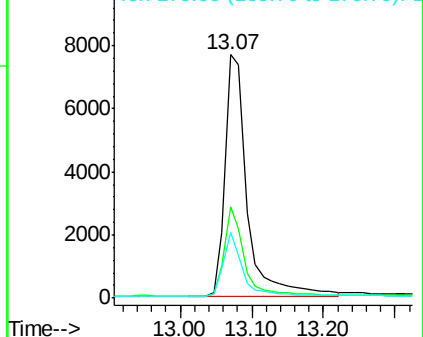


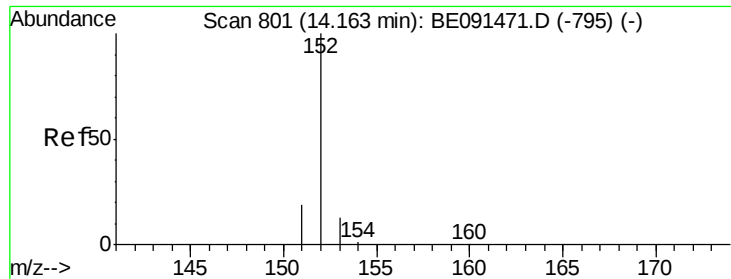
#12  
 2-Fluorobiphenyl  
 Concen: 0.33 ng  
 RT: 13.07 min Scan# 710  
 Delta R.T. 0.00 min  
 Lab File: BE091471.D  
 Acq: 17 Mar 2016 17:54

Tgt Ion:172 Resp: 16526  
 Ion Ratio Lower Upper  
 172 100  
 171 37.3 29.8 44.8  
 170 26.8 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

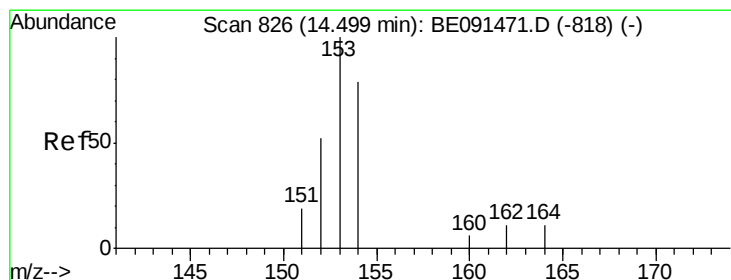
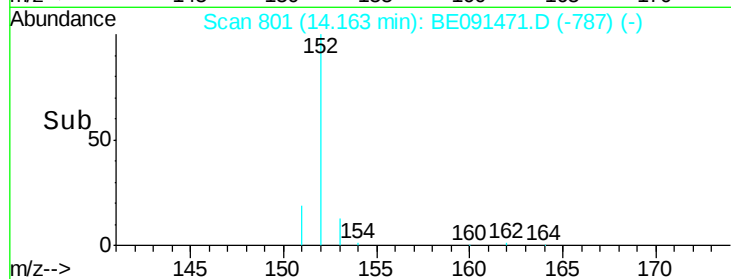
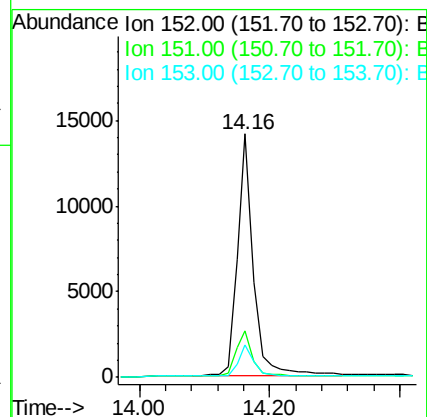
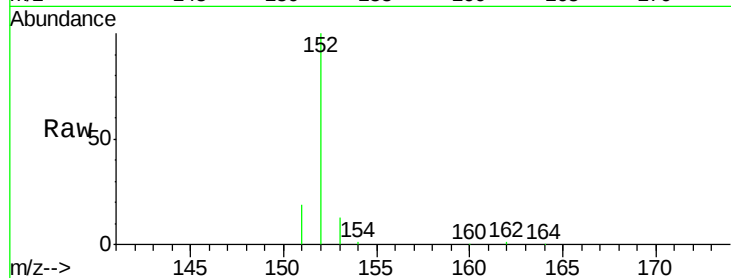




#13  
Acenaphthylene  
Concen: 0.28 ng  
RT: 14.16 min Scan# 801  
Delta R.T. 0.00 min  
Lab File: BE091471.D  
Acq: 17 Mar 2016 17:54

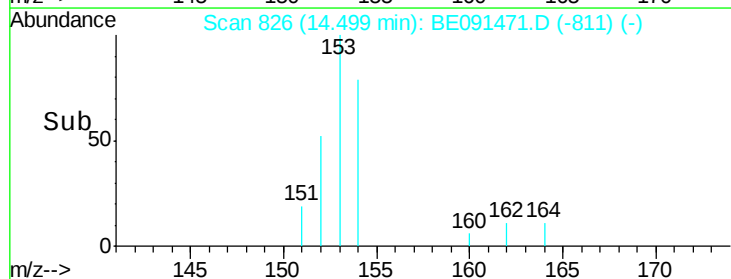
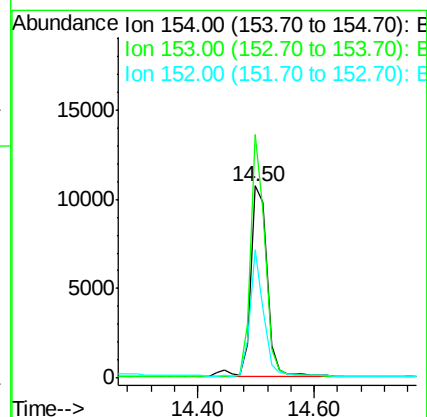
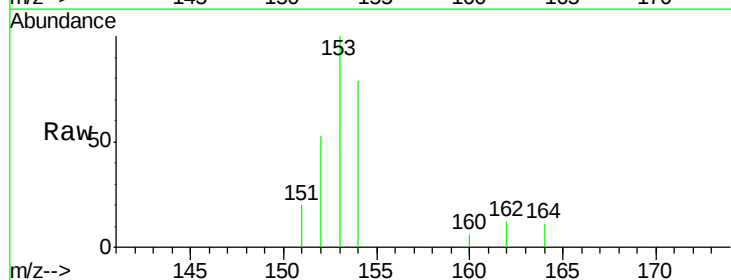
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICCC0.4

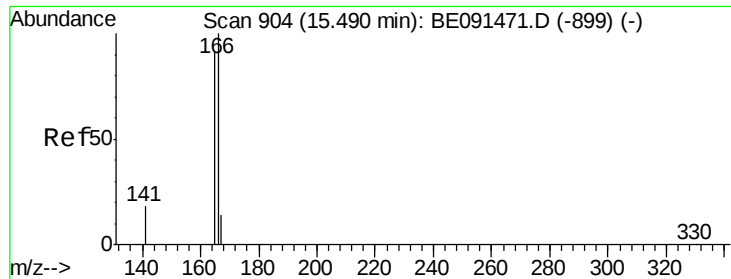
Tgt Ion:152 Resp: 24995  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.3 24.5  
153 13.9 11.1 16.7



#14  
Acenaphthene  
Concen: 0.33 ng  
RT: 14.50 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: BE091471.D  
Acq: 17 Mar 2016 17:54

Tgt Ion:154 Resp: 21169  
Ion Ratio Lower Upper  
154 100  
153 109.1 87.3 130.9  
152 53.7 42.9 64.3





#15

Fluorene

Concen: 0.35 ng

RT: 15.49 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

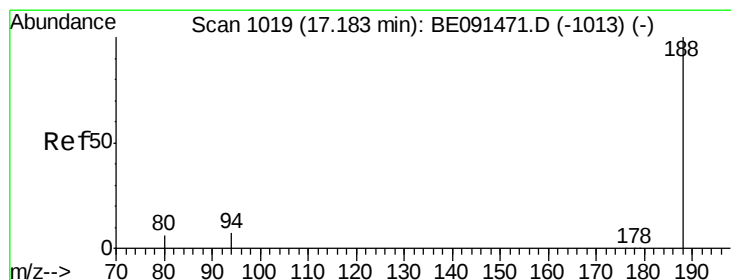
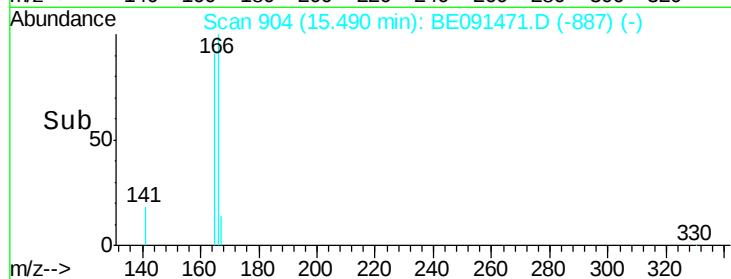
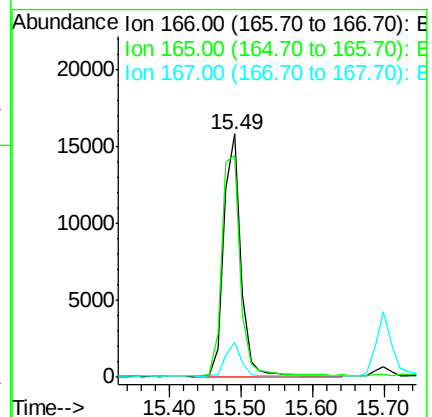
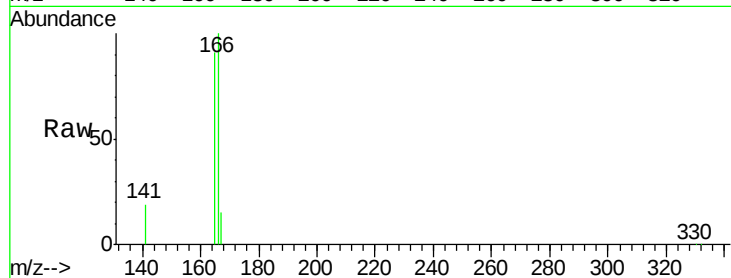
Tgt Ion:166 Resp: 26017

Ion Ratio Lower Upper

166 100

165 99.0 79.2 118.8

167 13.5 10.8 16.2



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.18 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

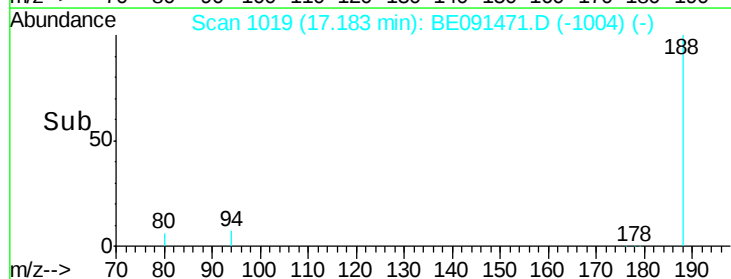
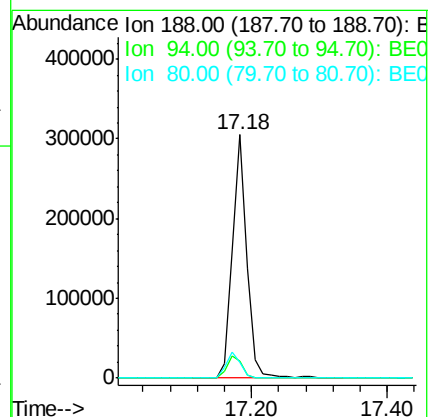
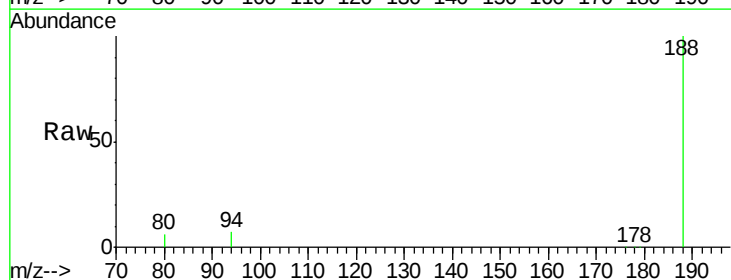
Tgt Ion:188 Resp: 460144

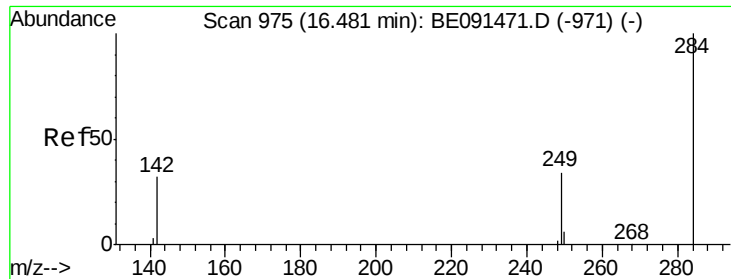
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 6.2 5.0 7.4

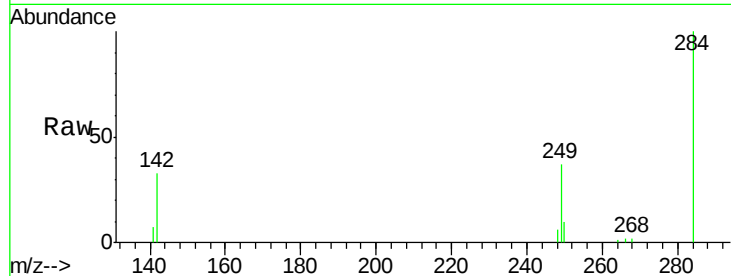




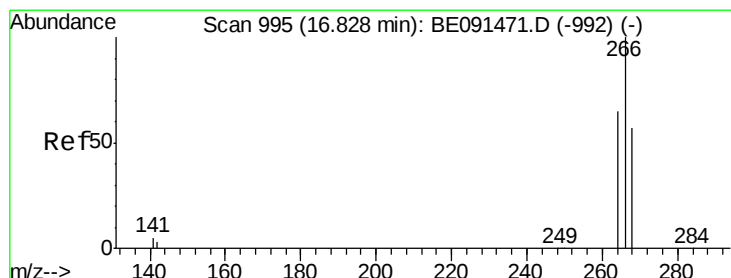
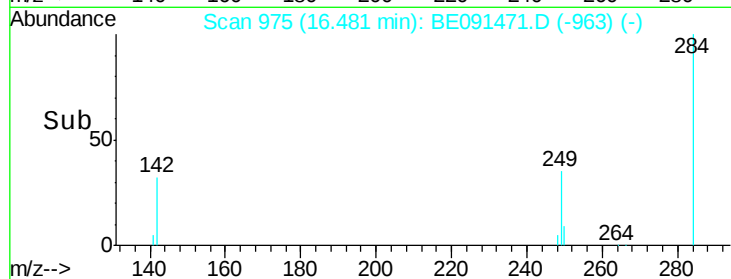
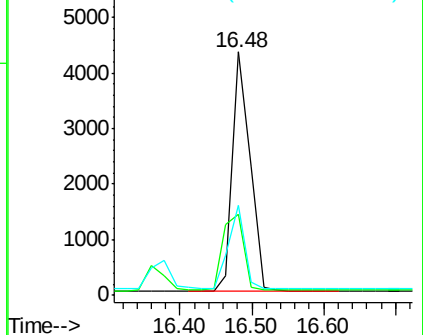
#17  
Hexachlorobenzene  
Concen: 0.25 ng  
RT: 16.48 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: BE091471.D  
Acq: 17 Mar 2016 17:54

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICCC0.4

Tgt Ion: 284 Resp: 7234  
Ion Ratio Lower Upper  
284 100  
142 38.7 31.0 46.4  
249 32.3 25.8 38.8

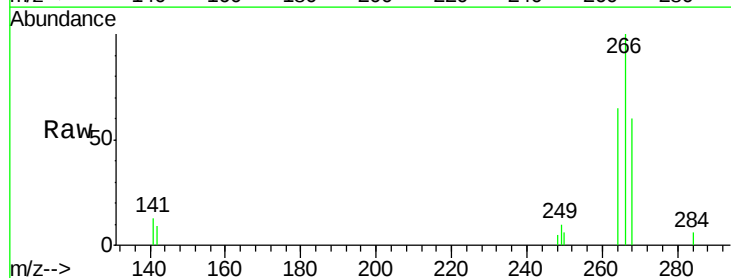


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

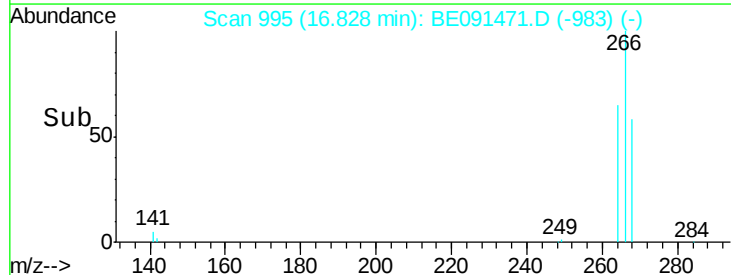
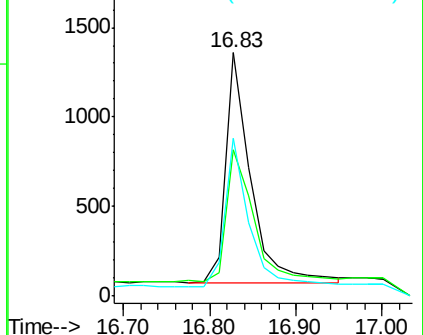


#18  
Pentachlorophenol  
Concen: 0.91 ng  
RT: 16.83 min Scan# 995  
Delta R.T. 0.00 min  
Lab File: BE091471.D  
Acq: 17 Mar 2016 17:54

Tgt Ion: 266 Resp: 2579  
Ion Ratio Lower Upper  
266 100  
268 60.2 48.2 72.2  
264 65.1 52.1 78.1



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





#19

Phenanthrene

Concen: 0.34 ng

RT: 17.22 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

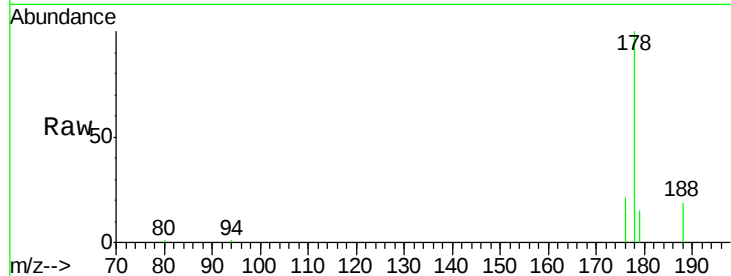
Tgt Ion:178 Resp: 48930

Ion Ratio Lower Upper

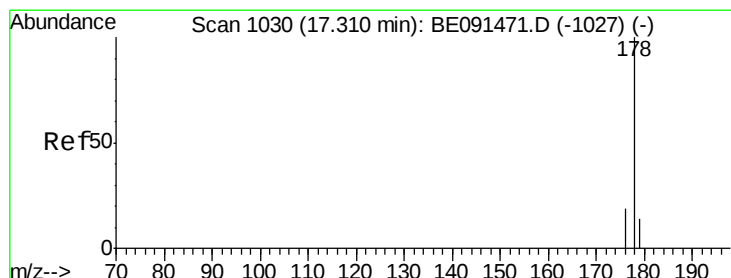
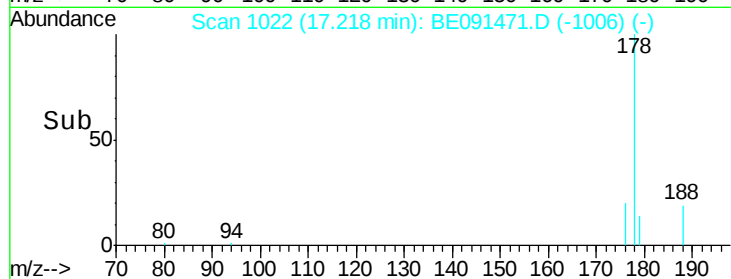
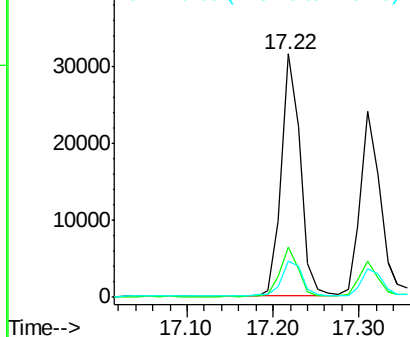
178 100

176 19.4 15.5 23.3

179 16.4 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: 0.31 ng

RT: 17.31 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

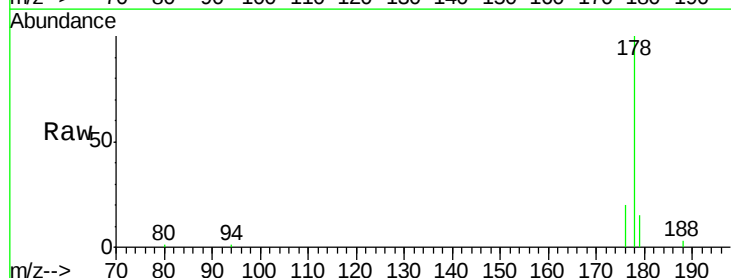
Tgt Ion:178 Resp: 40214

Ion Ratio Lower Upper

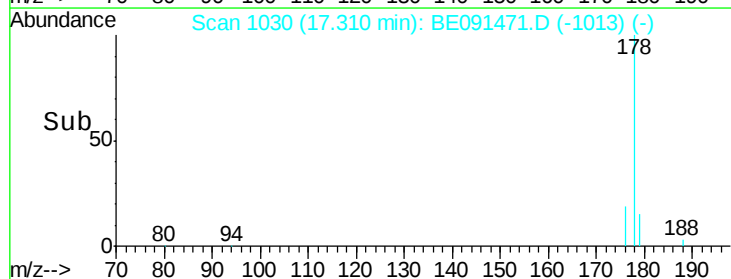
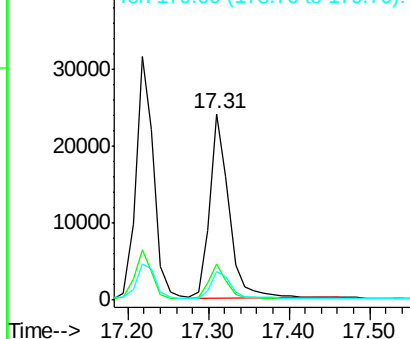
178 100

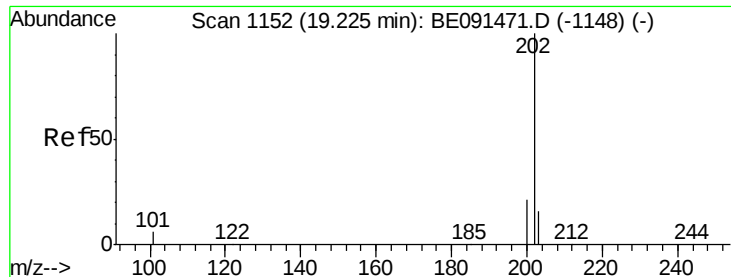
176 18.6 14.9 22.3

179 15.3 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: 0.35 ng

RT: 19.23 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

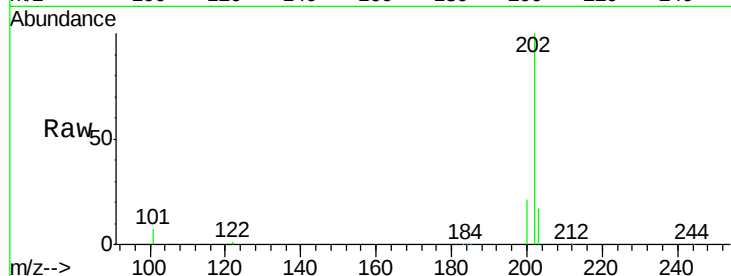
Tgt Ion:202 Resp: 53799

Ion Ratio Lower Upper

202 100

101 10.4 8.3 12.5

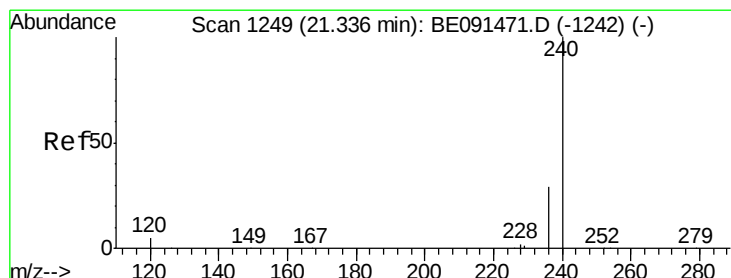
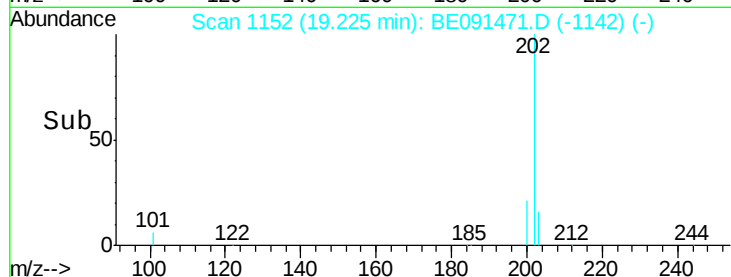
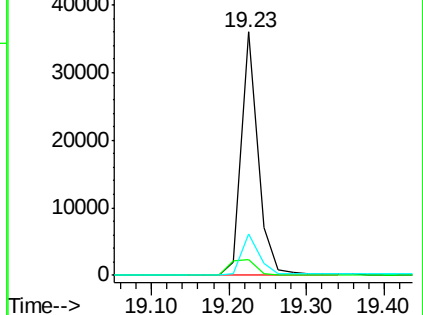
203 17.4 13.9 20.9



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: 21.34 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

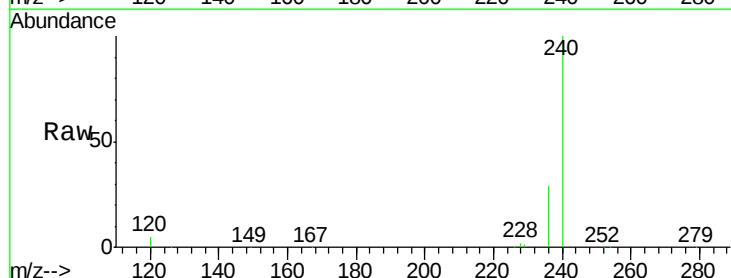
Tgt Ion:240 Resp: 617686

Ion Ratio Lower Upper

240 100

120 5.0 4.0 6.0

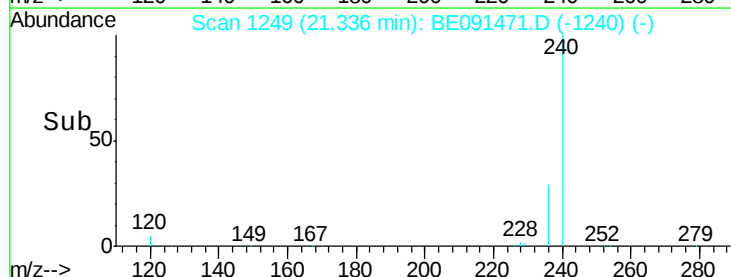
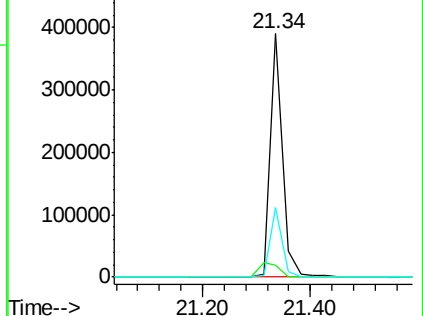
236 28.7 23.0 34.4

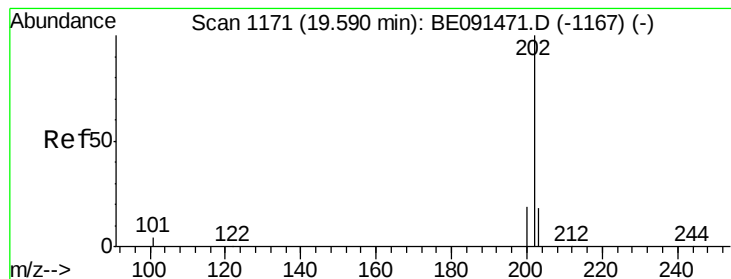


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#23

Pyrene

Concen: 0.25 ng

RT: 19.59 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

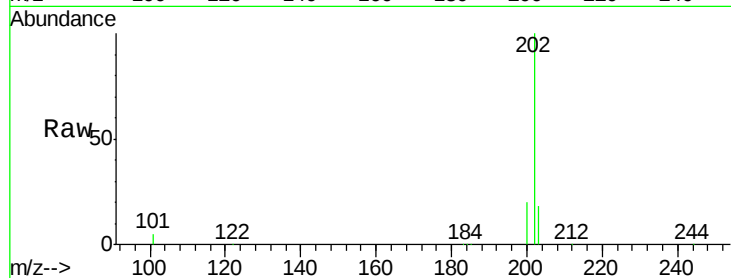
Tgt Ion:202 Resp: 58251

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

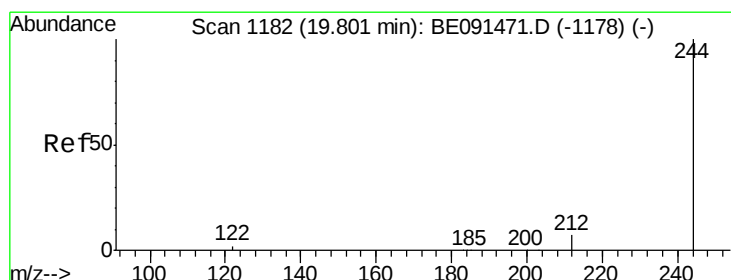
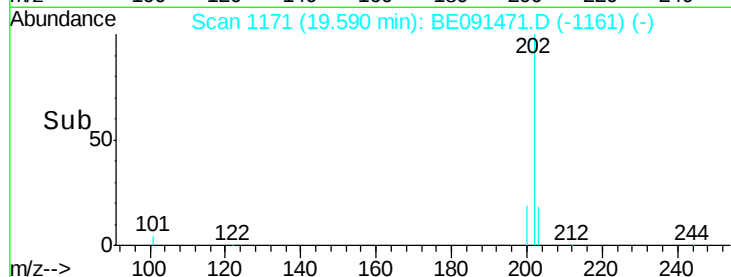
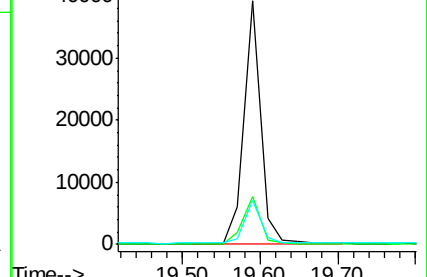
203 18.2 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Terphenyl-d14

Concen: 0.38 ng

RT: 19.80 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

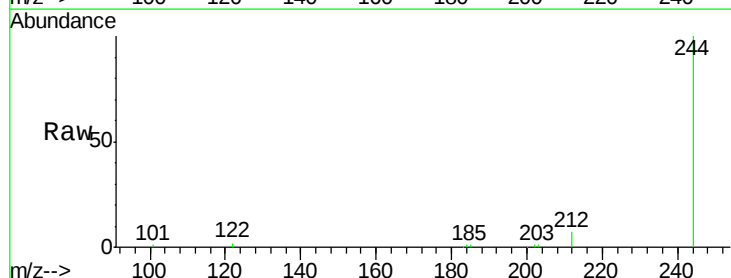
Tgt Ion:244 Resp: 29177

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

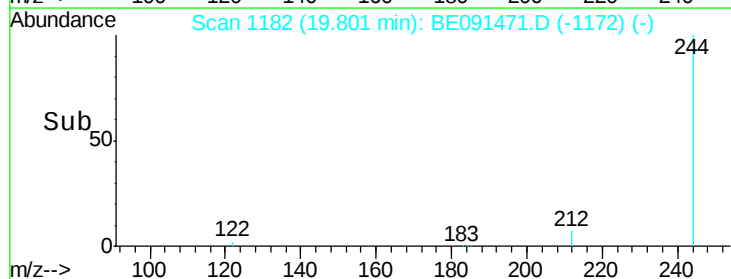
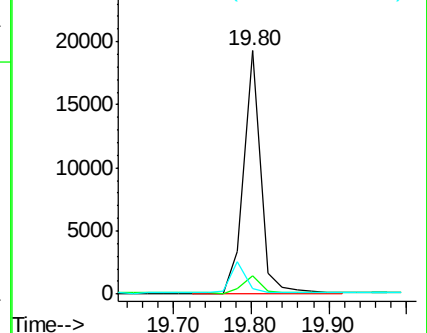
122 2.3 1.8 2.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

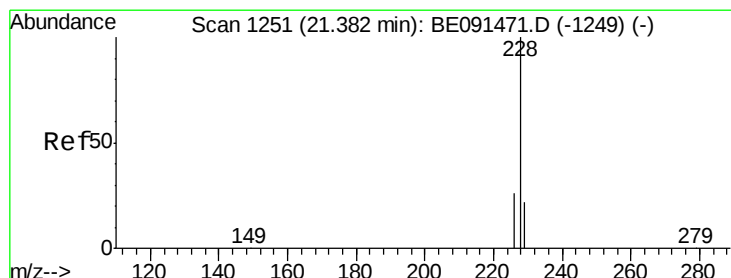
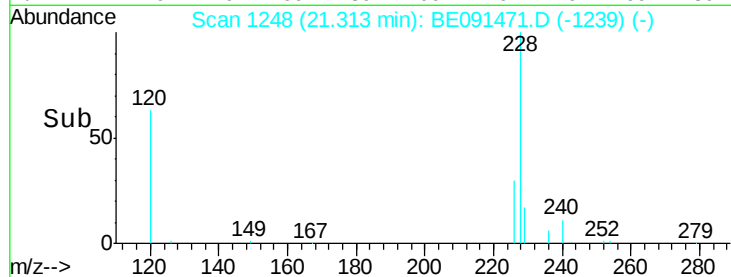
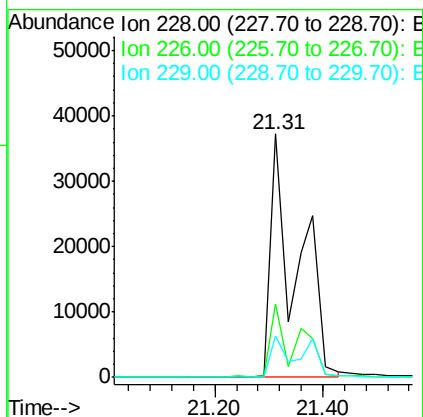
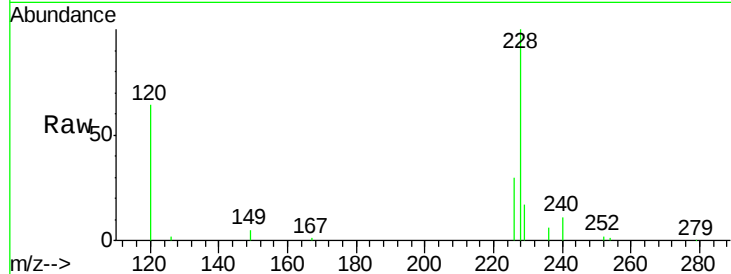




#25  
Benzo(a)anthracene  
Concen: 0.62 ng  
RT: 21.31 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: BE091471.D  
Acq: 17 Mar 2016 17:54

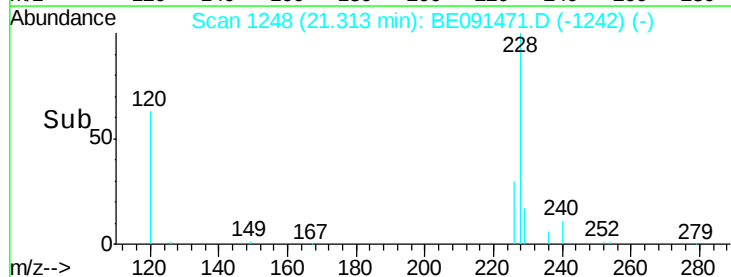
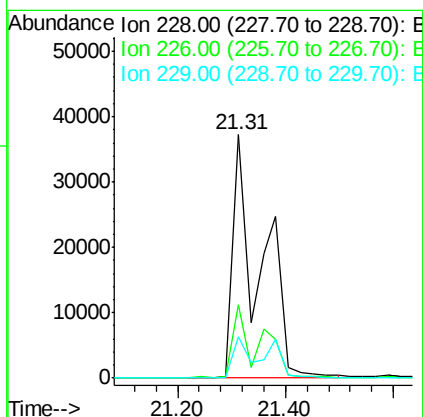
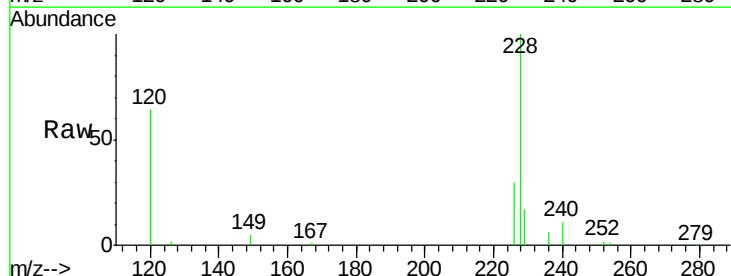
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICCC0.4

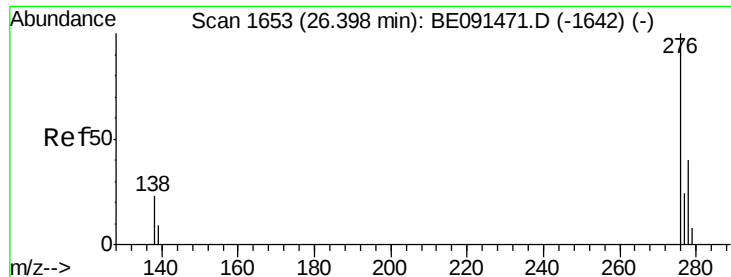
Tgt Ion:228 Resp: 127019  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.0 36.0  
229 17.2 13.8 20.6



#26  
Chrysene  
Concen: 0.59 ng  
RT: 21.31 min Scan# 1248  
Delta R.T. -0.07 min  
Lab File: BE091471.D  
Acq: 17 Mar 2016 17:54

Tgt Ion:228 Resp: 128540  
Ion Ratio Lower Upper  
228 100  
226 30.0 18.9 28.3#  
229 17.2 19.1 28.7#

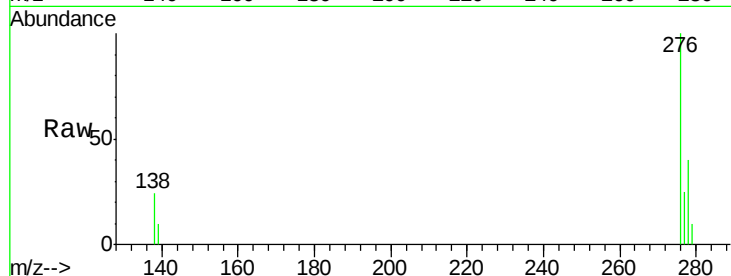




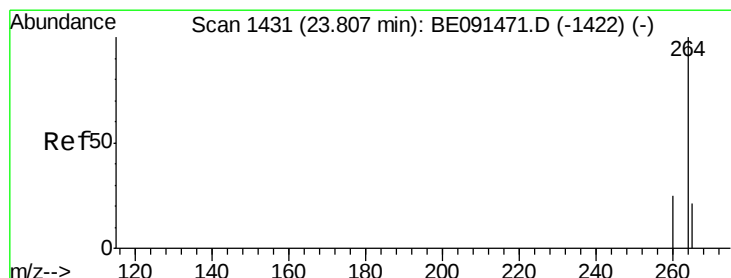
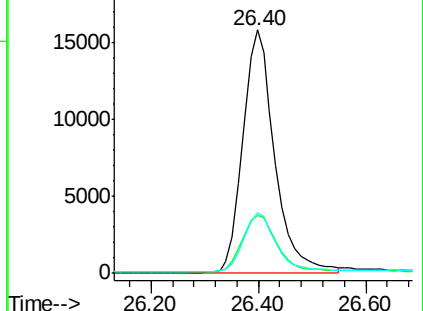
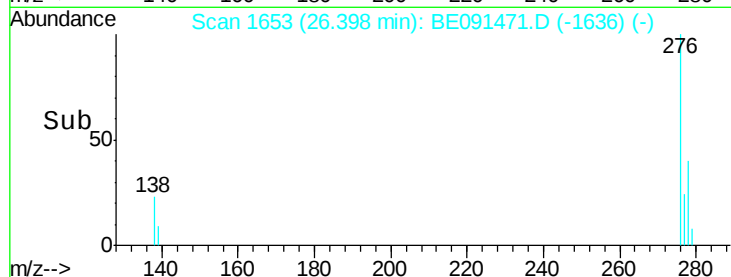
#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.37 ng  
 RT: 26.40 min Scan# 1653  
 Delta R.T. 0.00 min  
 Lab File: BE091471.D  
 Acq: 17 Mar 2016 17:54

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.4

Tgt Ion: 276 Resp: 64333  
 Ion Ratio Lower Upper  
 276 100  
 138 25.3 20.2 30.4  
 277 24.8 19.8 29.8

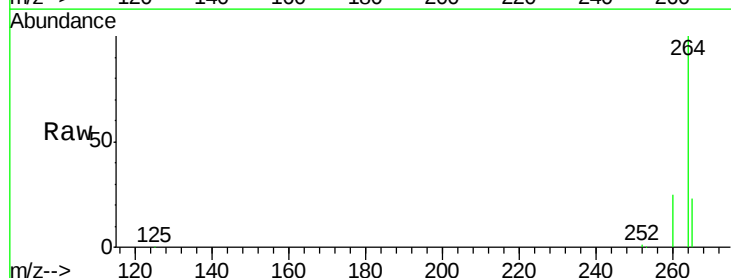


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

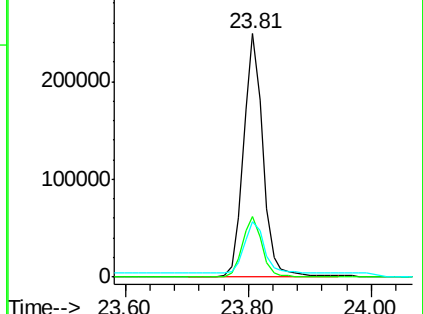
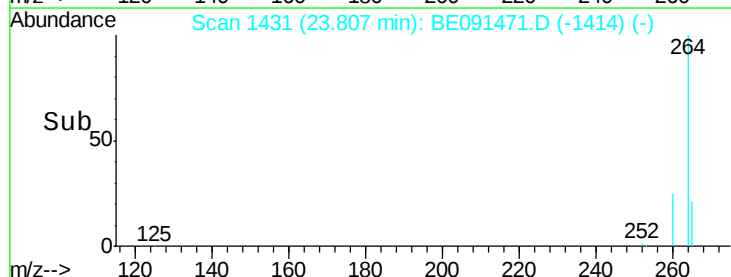


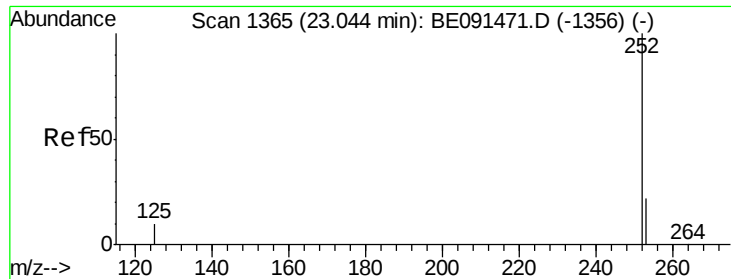
#28  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.81 min Scan# 1431  
 Delta R.T. 0.00 min  
 Lab File: BE091471.D  
 Acq: 17 Mar 2016 17:54

Tgt Ion: 264 Resp: 549653  
 Ion Ratio Lower Upper  
 264 100  
 260 25.1 20.1 30.1  
 265 22.9 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: 0.31 ng

RT: 23.04 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

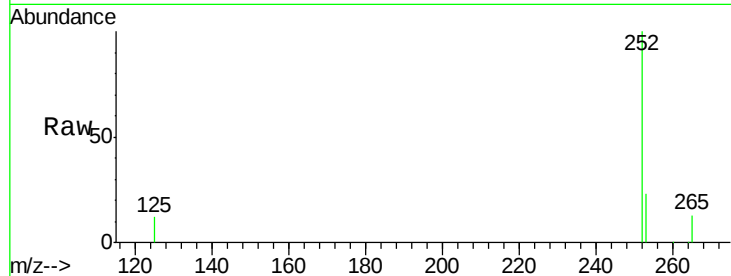
Tgt Ion:252 Resp: 62321

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

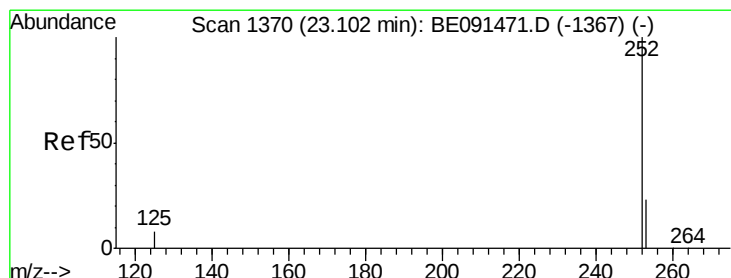
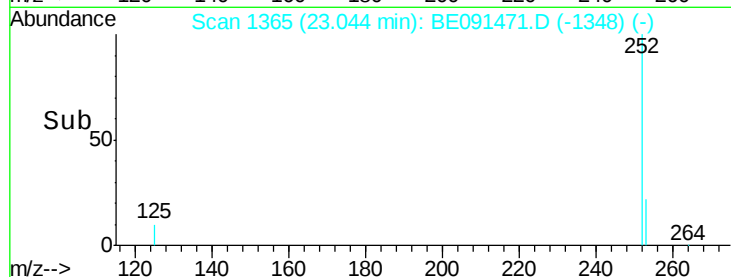
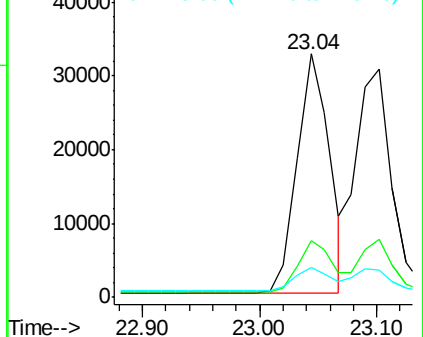
125 12.2 9.8 14.6



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: 0.33 ng

RT: 23.10 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

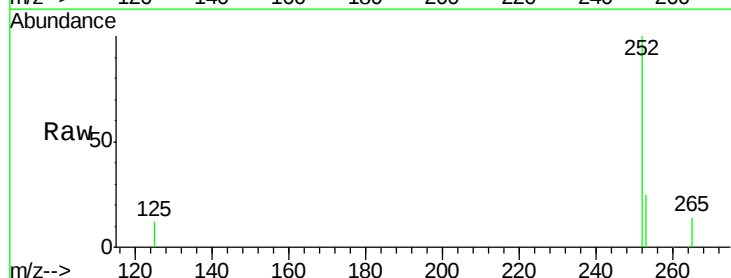
Tgt Ion:252 Resp: 65270

Ion Ratio Lower Upper

252 100

253 25.3 20.2 30.4

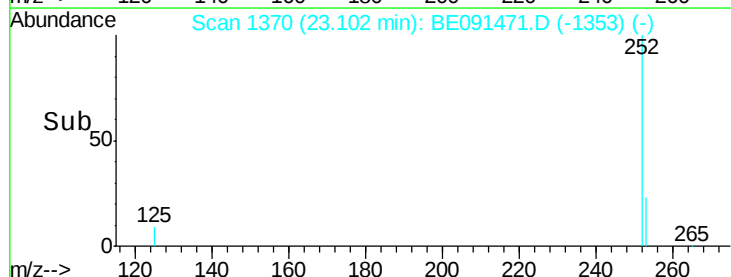
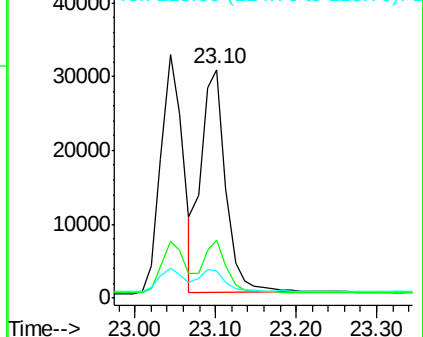
125 11.8 9.4 14.2

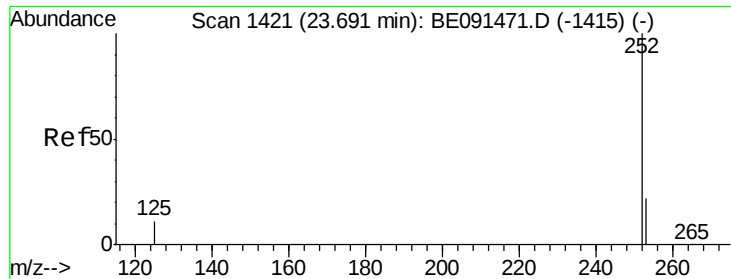


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 0.32 ng

RT: 23.69 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

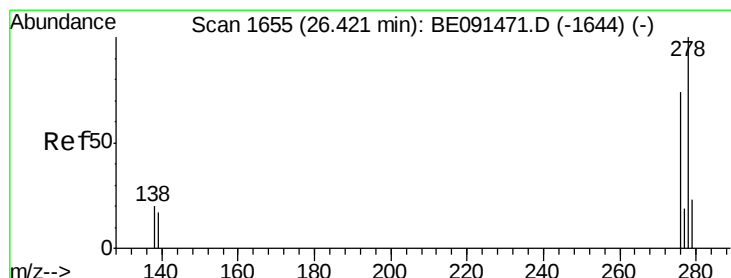
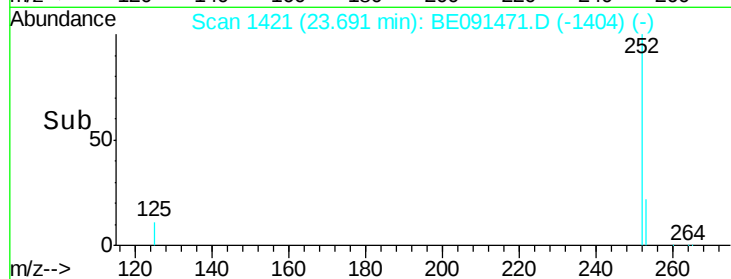
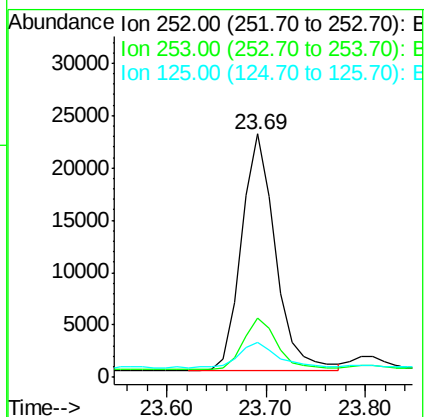
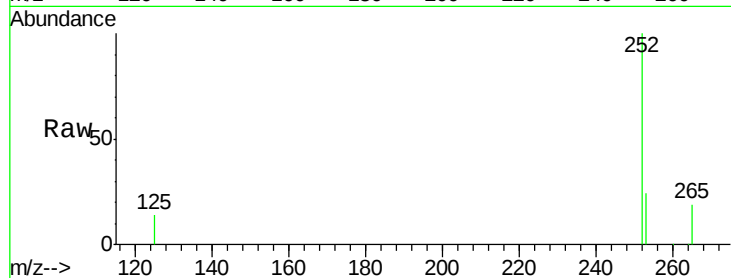
Tgt Ion:252 Resp: 53622

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

125 14.3 11.4 17.2



#32

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.42 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE091471.D

Acq: 17 Mar 2016 17:54

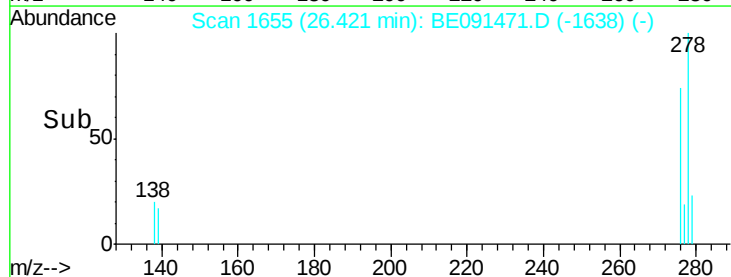
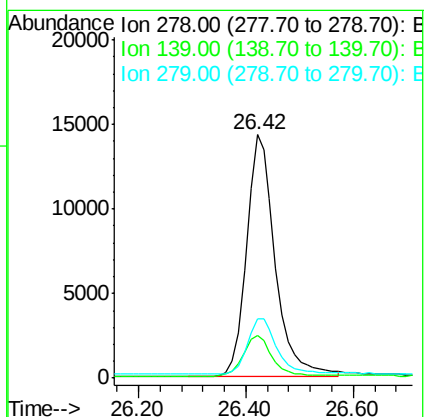
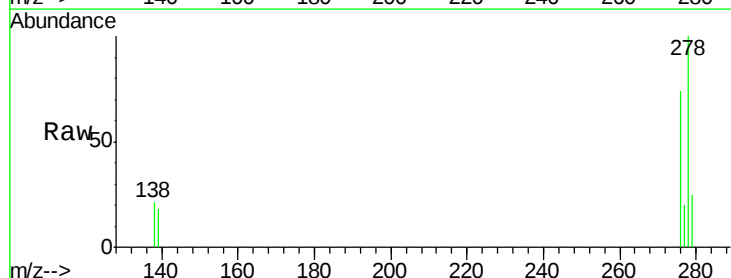
Tgt Ion:278 Resp: 53245

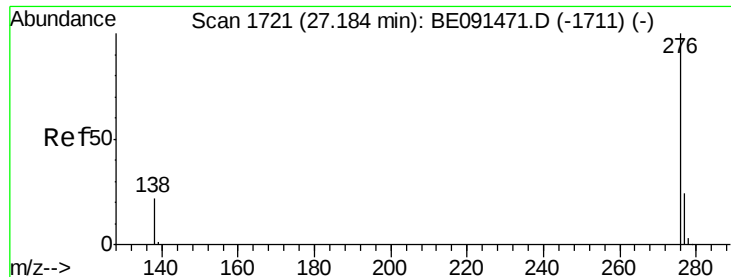
Ion Ratio Lower Upper

278 100

139 17.8 14.2 21.4

279 24.5 19.6 29.4





#33

Benzo(g,h,i)perylene

Concen: 0.35 ng

RT: 27.18 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BE091471.D

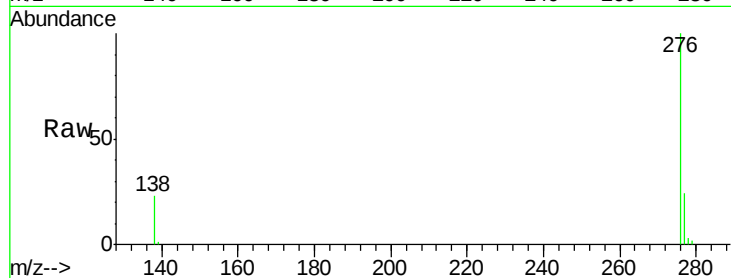
Acq: 17 Mar 2016 17:54

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4



Tgt Ion: 276 Resp: 56798

Ion Ratio Lower Upper

276 100

277 24.3 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

