

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE090916\  
 Data File : BE092356.D  
 Acq On : 9 Sep 2016 14:42  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Sep 09 15:41:42 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE090216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 02 19:34:51 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 12226    | 5.00 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.95 | 136  | 55266    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.82 | 164  | 33744    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 17.58 | 188  | 77483    | 5.00 | ng    | 0.02     |
| 24) Chrysene-d12          | 21.75 | 240  | 120624   | 5.00 | ng    | 0.00     |
| 31) Perylene-d12          | 24.11 | 264  | 105560   | 5.00 | ng    | 0.02     |

|                             |       |     |      |      |    |       |
|-----------------------------|-------|-----|------|------|----|-------|
| System Monitoring Compounds |       |     |      |      |    |       |
| 4) 2-Fluorophenol           | 5.68  | 112 | 1005 | 0.35 | ng | -0.01 |
| 5) Phenol-d6                | 7.34  | 99  | 1294 | 0.33 | ng | -0.02 |
| 8) Nitrobenzene-d5          | 9.25  | 82  | 156  | 0.04 | ng | -0.11 |
| 13) 2,4,6-Tribromophenol    | 16.32 | 330 | 368  | 0.35 | ng | 0.00  |
| 14) 2-Fluorobiphenyl        | 13.44 | 172 | 4289 | 0.41 | ng | 0.00  |
| 26) Terphenyl-d14           | 20.17 | 244 | 6330 | 0.35 | ng | 0.00  |

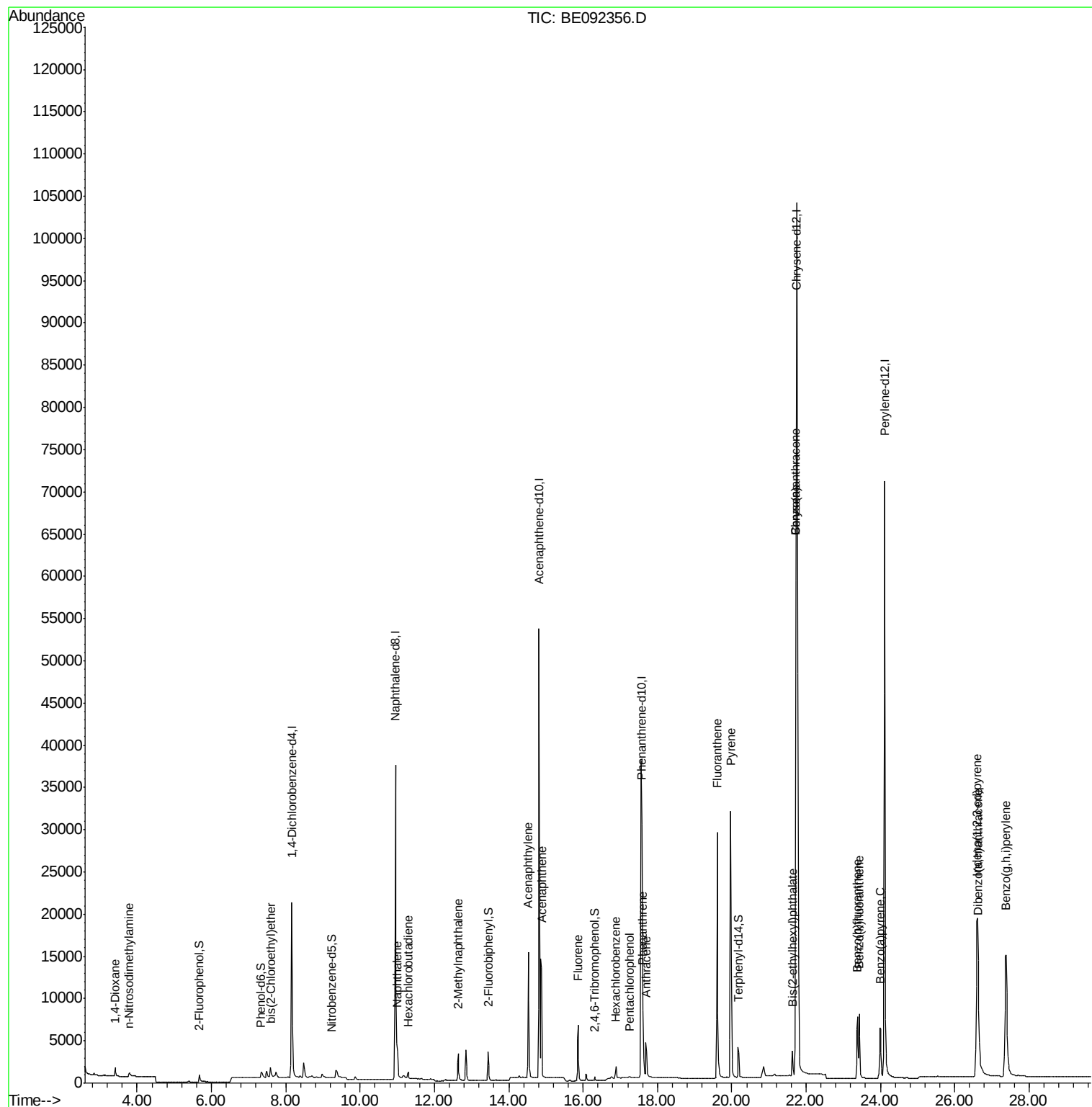
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.41  | 88  | 681   | 0.37   | ng | 98   |
| 3) n-Nitrosodimethylamine      | 3.78  | 42  | 694   | 0.43   | ng | # 2  |
| 6) bis(2-Chloroethyl)ether     | 7.59  | 93  | 1251  | 0.40   | ng | 95   |
| 9) Naphthalene                 | 11.01 | 128 | 5262  | 0.43   | ng | 99   |
| 10) Hexachlorobutadiene        | 11.30 | 225 | 801   | 0.41   | ng | 99   |
| 11) 2-Methylnaphthalene        | 12.64 | 142 | 3312  | 0.41   | ng | 94   |
| 15) Acenaphthylene             | 14.53 | 152 | 23751 | 0.41   | ng | 100  |
| 16) Acenaphthene               | 14.88 | 154 | 3828  | 0.41   | ng | 97   |
| 17) Fluorene                   | 15.87 | 166 | 4763  | 0.40   | ng | 99   |
| 19) Hexachlorobenzene          | 16.89 | 284 | 1533  | 0.41   | ng | # 64 |
| 20) Pentachlorophenol          | 17.26 | 266 | 289   | 0.42   | ng | 95   |
| 21) Phenanthrene               | 17.60 | 178 | 9050  | 0.42   | ng | # 95 |
| 22) Anthracene                 | 17.70 | 178 | 7810  | 0.40   | ng | 100  |
| 23) Fluoranthene               | 19.61 | 202 | 39187 | 0.41   | ng | 99   |
| 25) Pyrene                     | 19.97 | 202 | 42363 | 0.36   | ng | 100  |
| 27) Benzo(a)anthracene         | 21.72 | 228 | 97969 | 0.75   | ng | # 89 |
| 28) Chrysene                   | 21.72 | 228 | 98662 | 0.72   | ng | # 69 |
| 29) Bis(2-ethylhexyl)phthalate | 21.63 | 149 | 3882  | 0.25   | ng | # 75 |
| 30) Indeno(1,2,3-cd)pyrene     | 26.60 | 276 | 47005 | 0.34   | ng | 98   |
| 32) Benzo(b)fluoranthene       | 23.38 | 252 | 11295 | 0.42   | ng | 98   |
| 33) Benzo(k)fluoranthene       | 23.43 | 252 | 11261 | 0.39   | ng | 96   |
| 34) Benzo(a)pyrene             | 23.99 | 252 | 10642 | 0.40   | ng | 98   |
| 35) Dibenzo(a,h)anthracene     | 26.63 | 278 | 9562  | 0.39   | ng | 99   |
| 36) Benzo(g,h,i)perylene       | 27.38 | 276 | 41295 | 0.40   | ng | 97   |

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

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QLast Update : Fri Sep 02 19:34:51 2016  
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

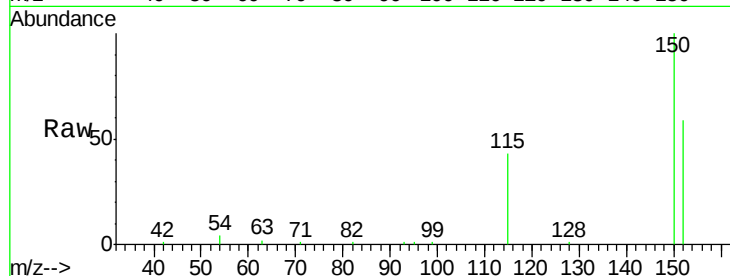
Tgt Ion: 152 Resp: 12226

Ion Ratio Lower Upper

152 100

150 169.8 106.0 159.0#

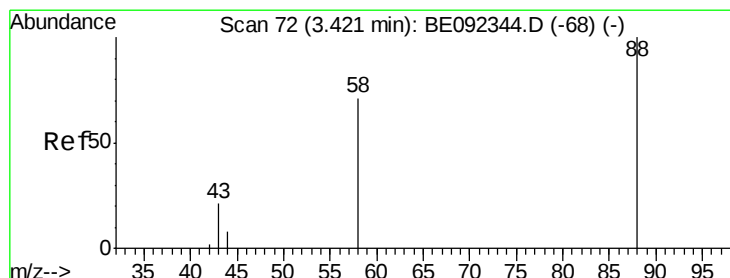
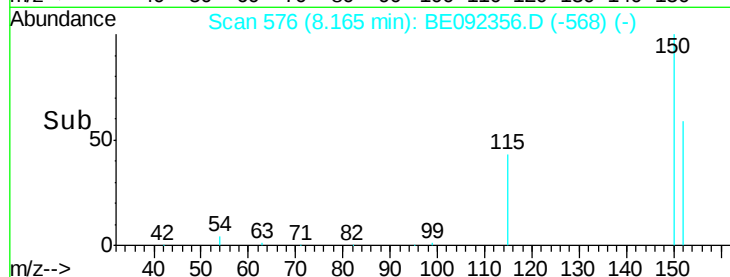
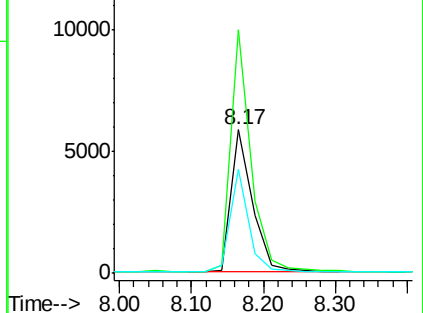
115 72.9 31.2 46.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.37 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

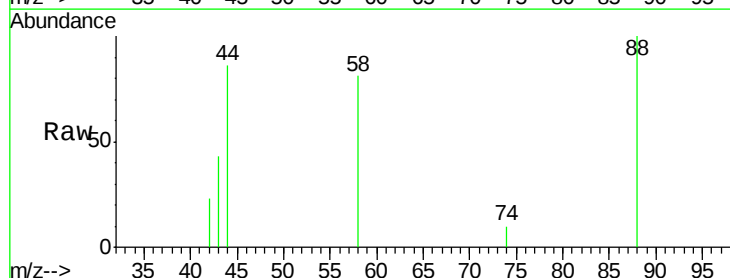
Tgt Ion: 88 Resp: 681

Ion Ratio Lower Upper

88 100

58 81.9 63.6 95.4

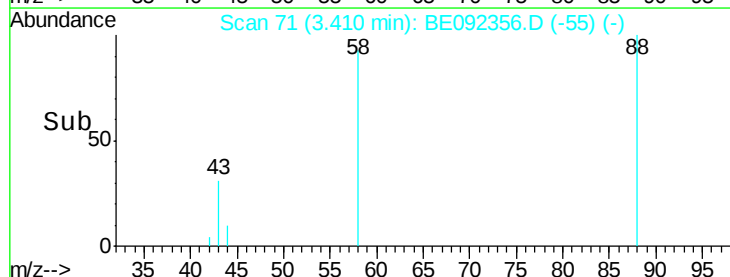
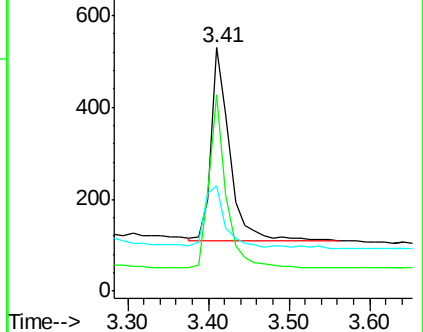
43 34.4 28.0 42.0

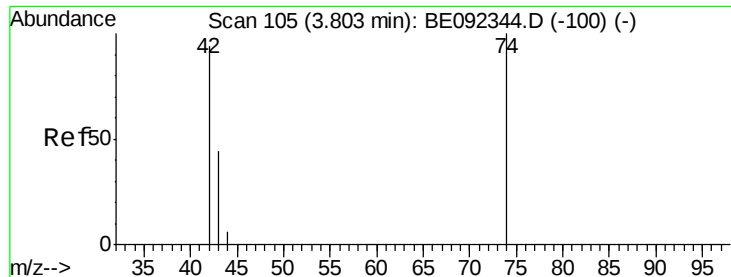


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.43 ng

RT: 3.78 min Scan# 103

Delta R.T. -0.02 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

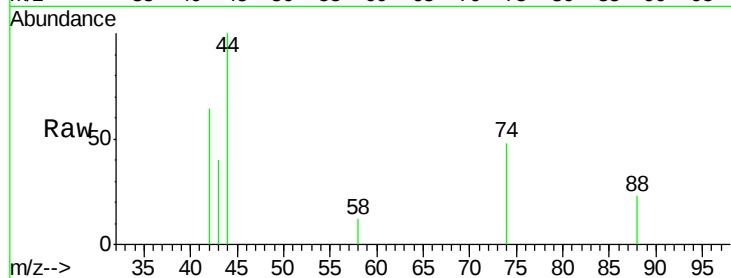
Tgt Ion: 42 Resp: 694

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

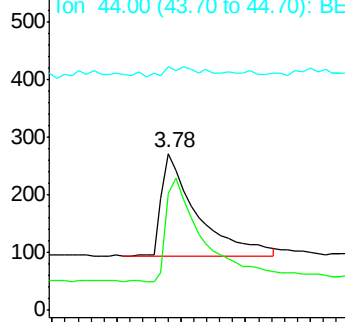
44 0.0 5.1 7.7#



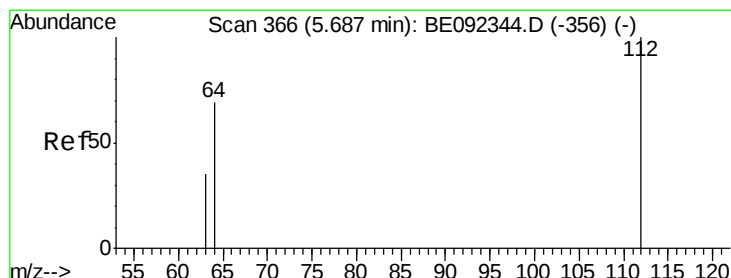
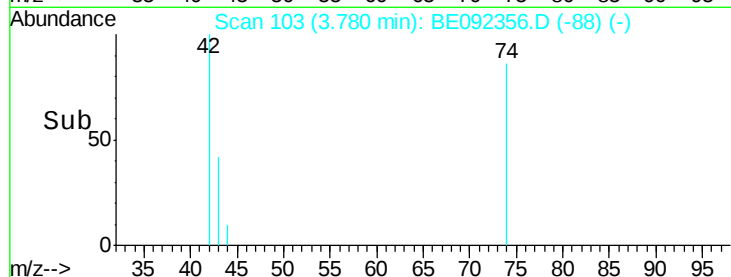
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.35 ng

RT: 5.68 min Scan# 364

Delta R.T. -0.01 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

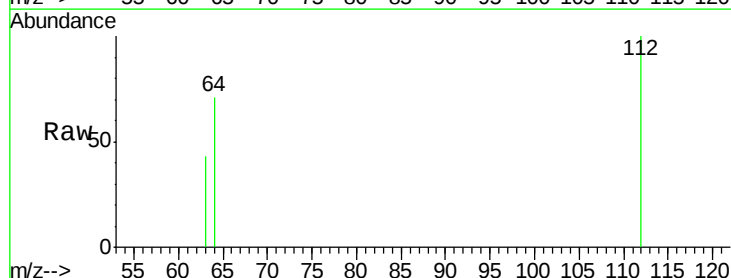
Tgt Ion: 112 Resp: 1005

Ion Ratio Lower Upper

112 100

64 66.0 53.5 80.3

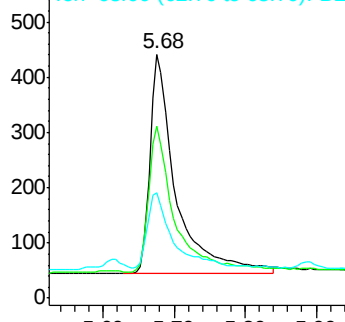
63 34.4 27.9 41.9



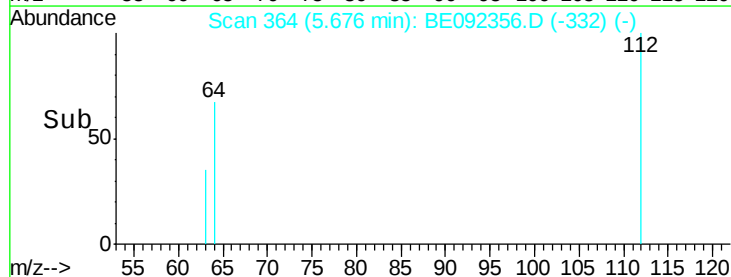
Abundance Ion 112.00 (111.70 to 112.70): E

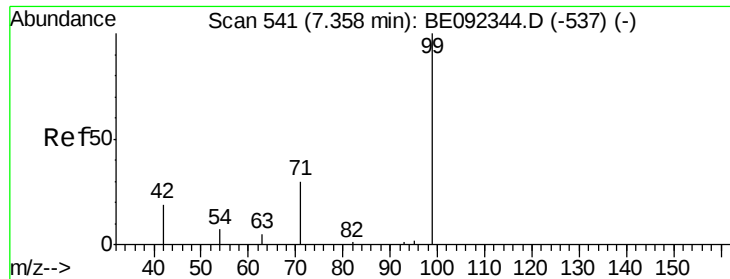
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.33 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

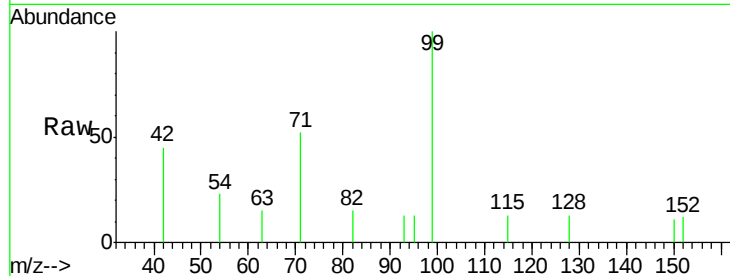
Tgt Ion: 99 Resp: 1294

Ion Ratio Lower Upper

99 100

42 24.0 16.0 24.0

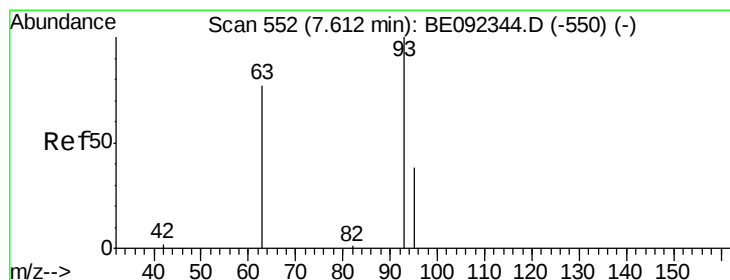
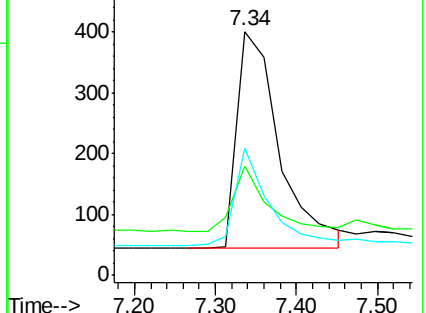
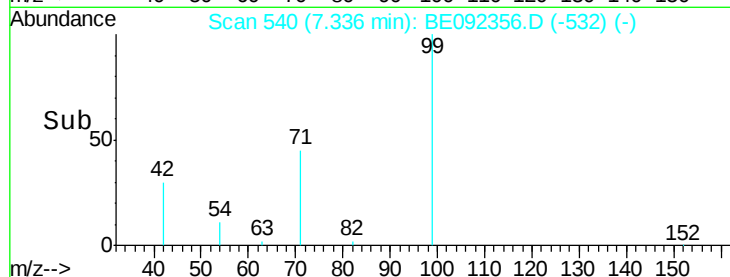
71 36.1 30.6 45.8



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: 0.40 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

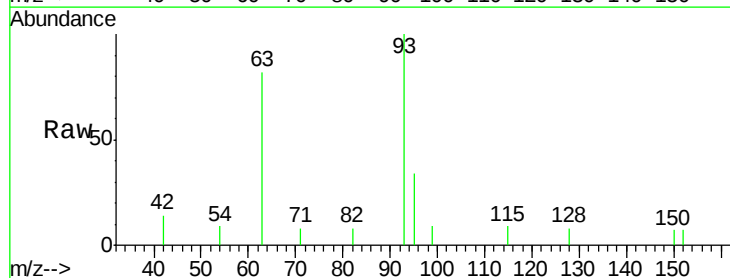
Tgt Ion: 93 Resp: 1251

Ion Ratio Lower Upper

93 100

63 86.7 71.6 107.4

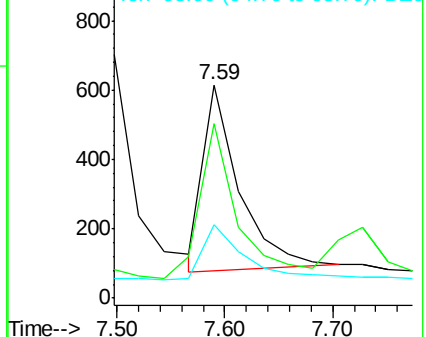
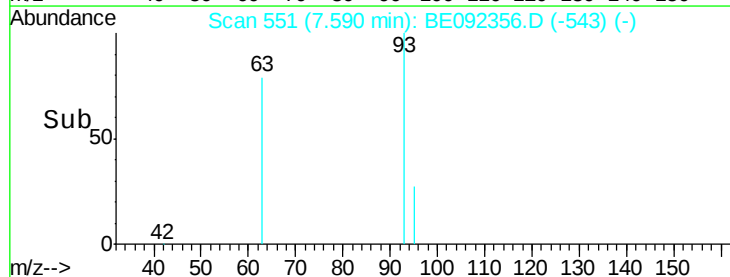
95 35.5 24.0 36.0

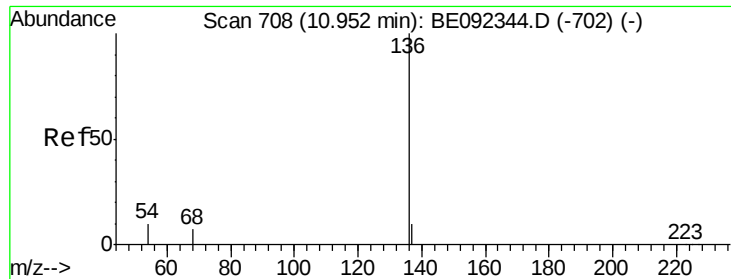


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 55266

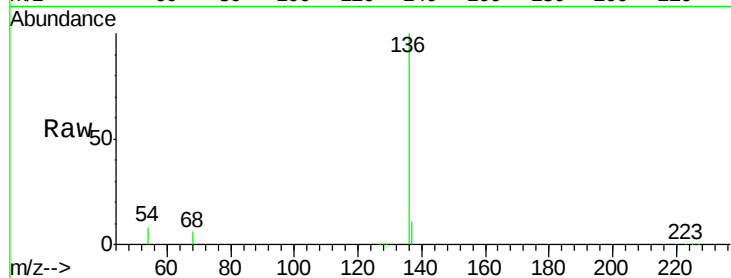
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 7.9 9.6 14.4#

68 5.9 6.7 10.1#

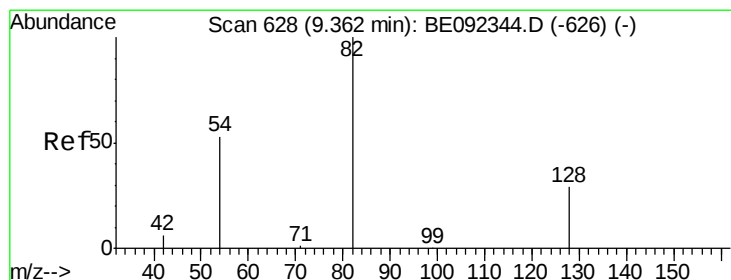
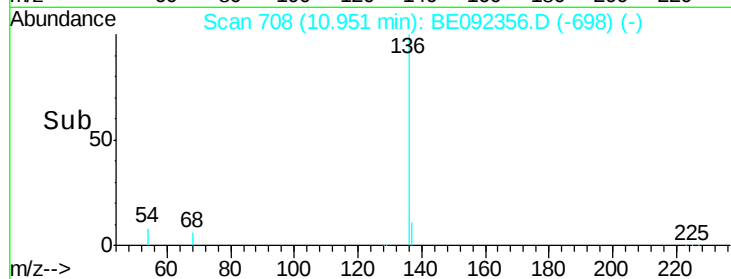
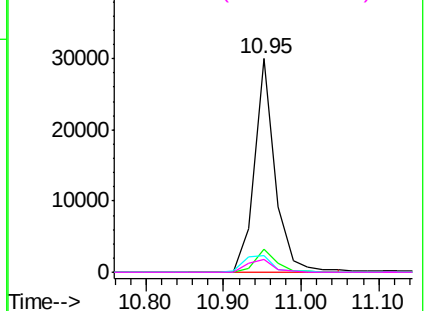


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.04 ng

RT: 9.25 min Scan# 623

Delta R.T. -0.11 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

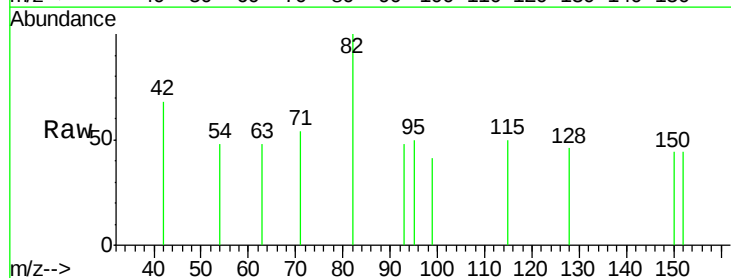
Tgt Ion: 82 Resp: 156

Ion Ratio Lower Upper

82 100

128 45.9 39.0 58.4

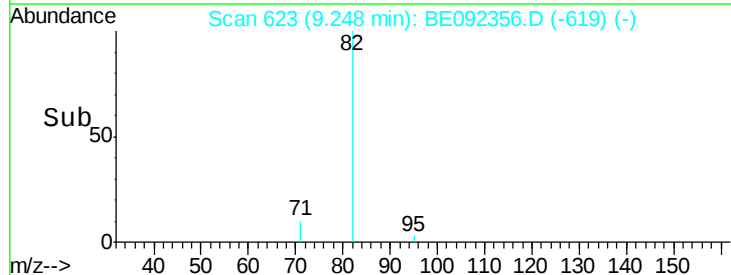
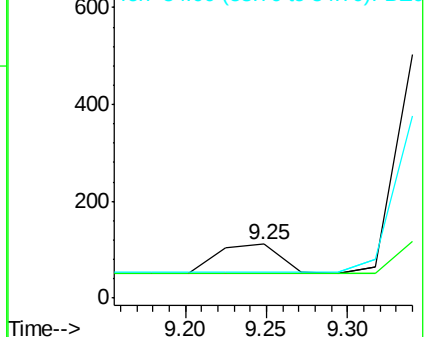
54 47.7 44.8 67.2

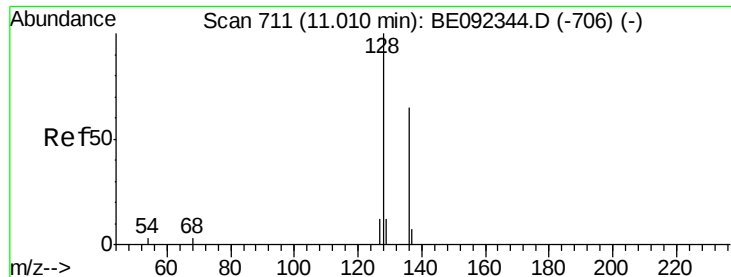


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.43 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

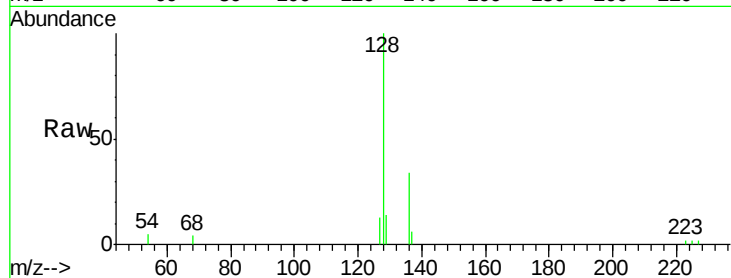
Tgt Ion:128 Resp: 5262

Ion Ratio Lower Upper

128 100

129 13.9 11.2 16.8

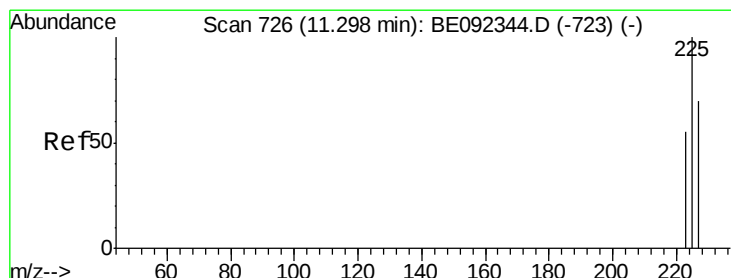
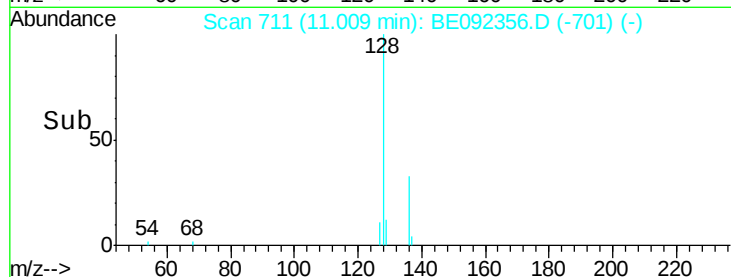
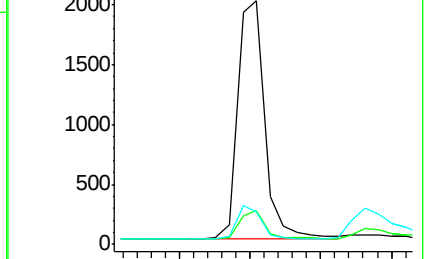
127 13.4 11.6 17.4



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: 0.41 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

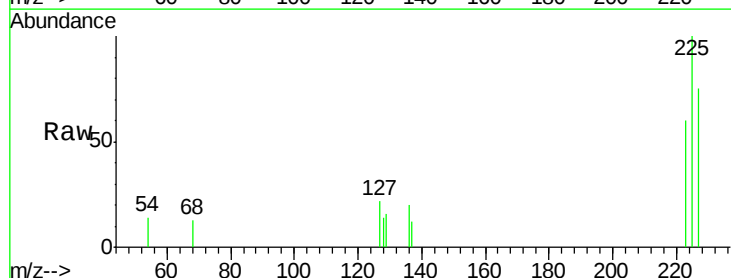
Tgt Ion:225 Resp: 801

Ion Ratio Lower Upper

225 100

223 64.8 50.6 76.0

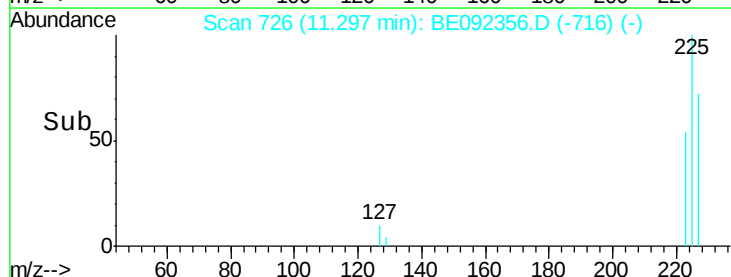
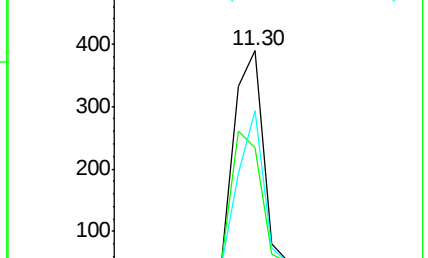
227 63.7 51.4 77.0



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

Concen: 0.41 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.01 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

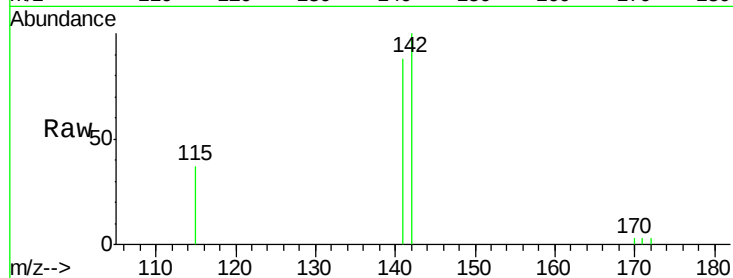
Tgt Ion:142 Resp: 3312

Ion Ratio Lower Upper

142 100

141 87.8 73.7 110.5

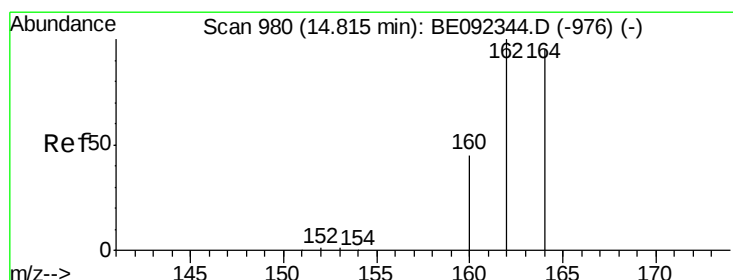
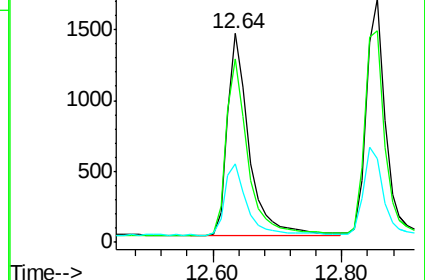
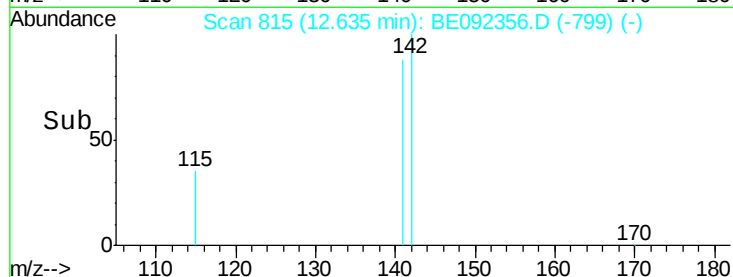
115 37.3 34.0 51.0



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

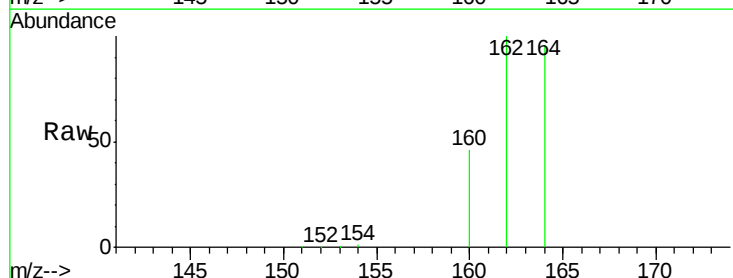
Tgt Ion:164 Resp: 33744

Ion Ratio Lower Upper

164 100

162 104.4 71.4 107.0

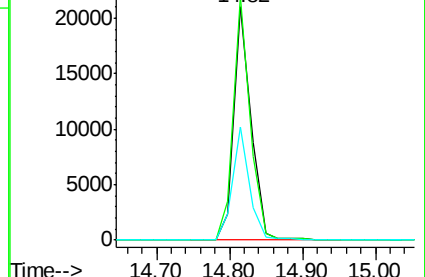
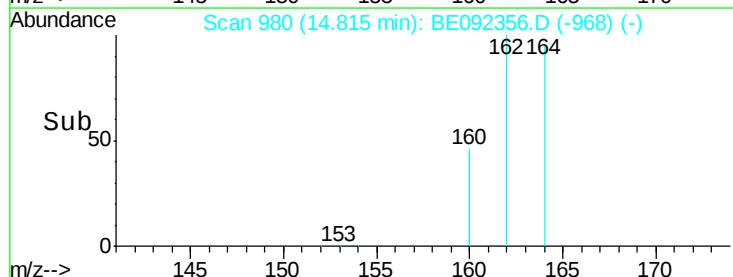
160 48.4 27.4 41.2#

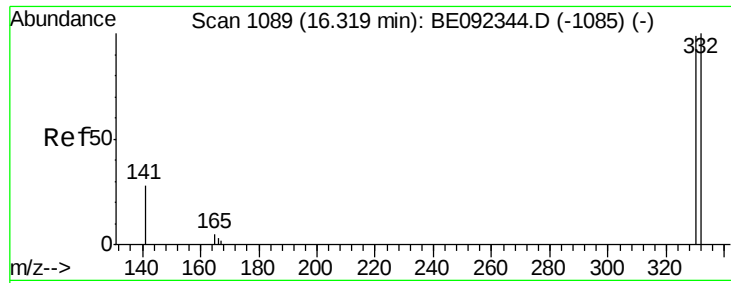


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

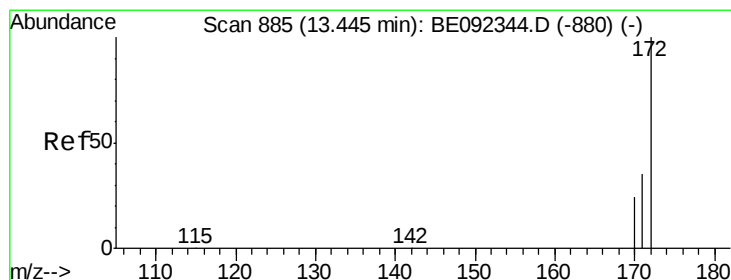
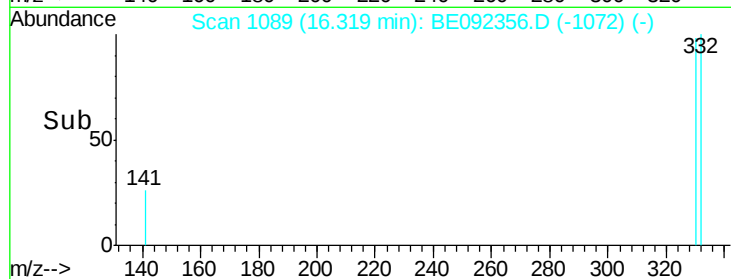
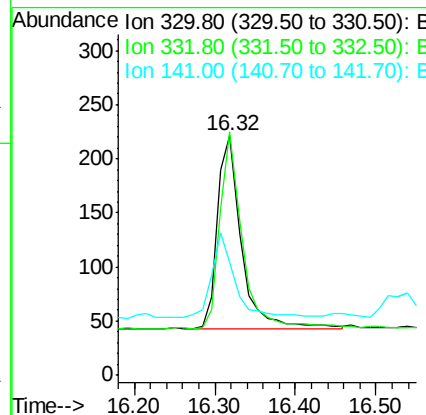
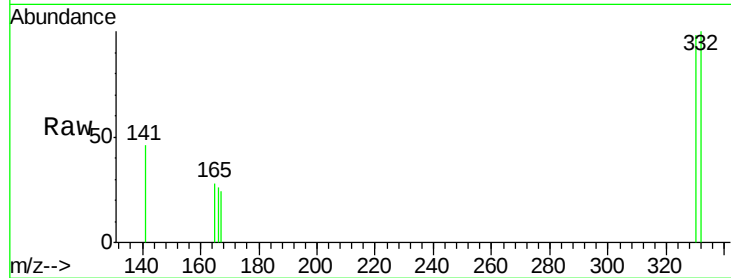




#13  
 2,4,6-Tribromophenol  
 Concen: 0.35 ng  
 RT: 16.32 min Scan# 1089  
 Delta R.T. 0.00 min  
 Lab File: BE092356.D  
 Acq: 9 Sep 2016 14:42

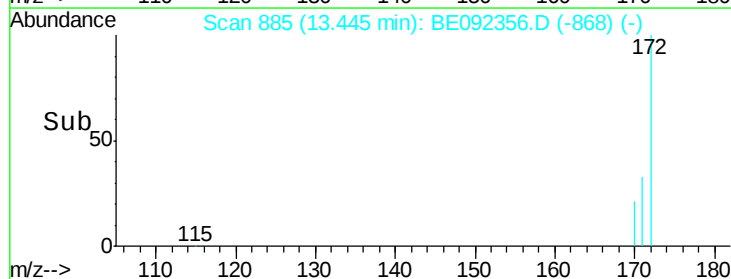
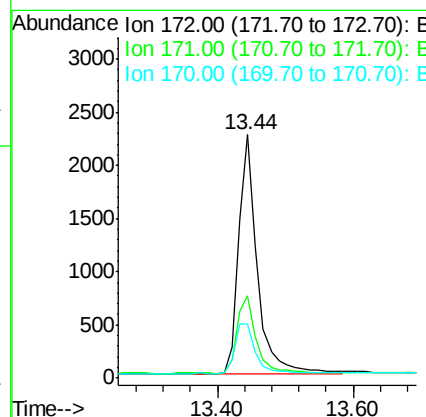
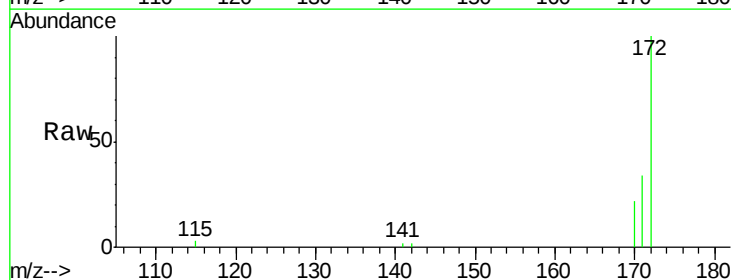
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

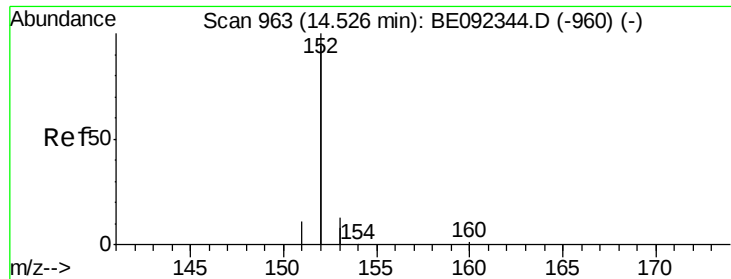
Tgt Ion:330 Resp: 368  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 75.4 113.0  
 141 42.9 31.0 46.6



#14  
 2-Fluorobiphenyl  
 Concen: 0.41 ng  
 RT: 13.44 min Scan# 885  
 Delta R.T. -0.00 min  
 Lab File: BE092356.D  
 Acq: 9 Sep 2016 14:42

Tgt Ion:172 Resp: 4289  
 Ion Ratio Lower Upper  
 172 100  
 171 34.0 30.1 45.1  
 170 22.4 21.8 32.6





#15

Acenaphthylene

Concen: 0.41 ng

RT: 14.53 min Scan# 963

Delta R.T. -0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

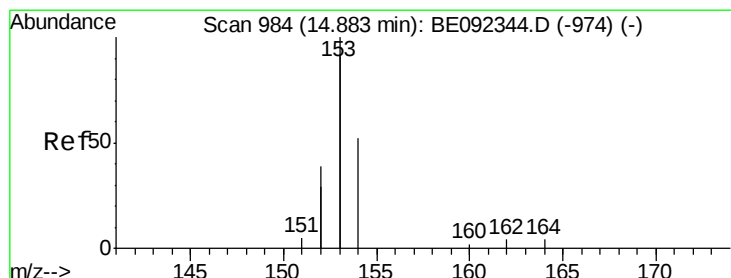
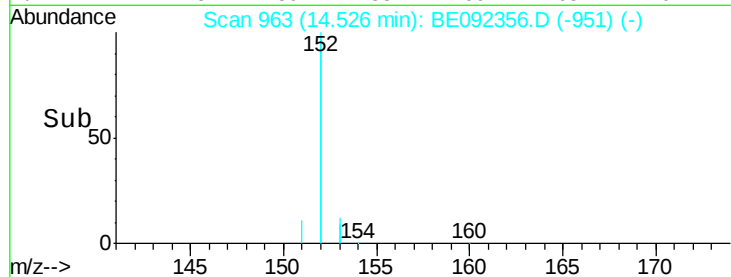
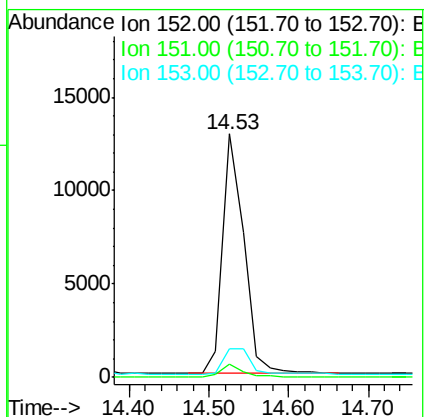
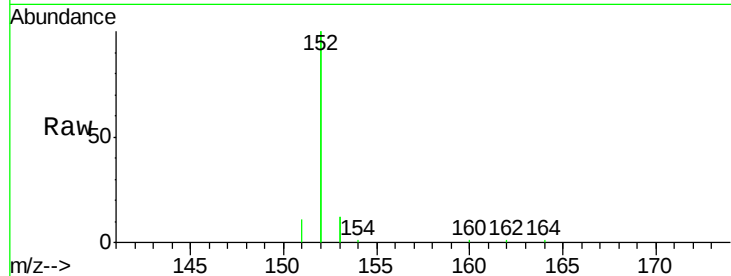
Tgt Ion:152 Resp: 23751

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

153 12.9 10.4 15.6



#16

Acenaphthene

Concen: 0.41 ng

RT: 14.88 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

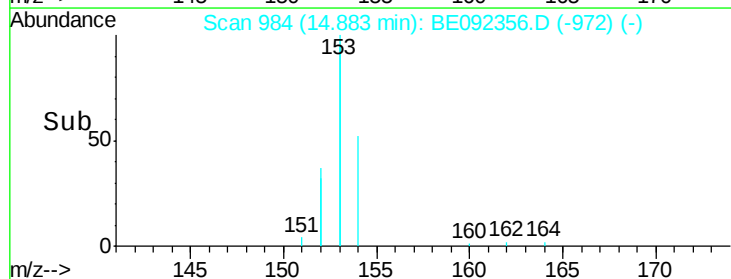
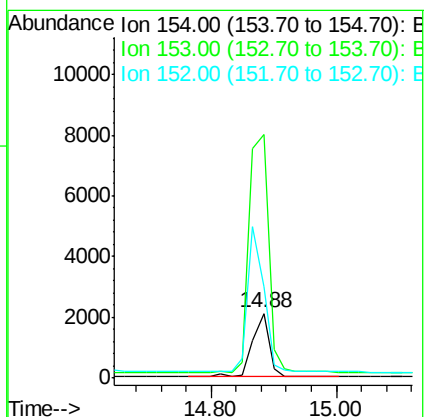
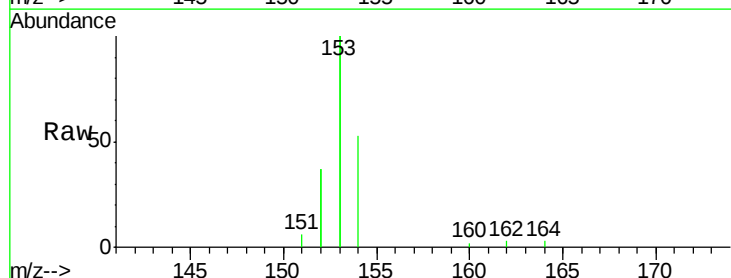
Tgt Ion:154 Resp: 3828

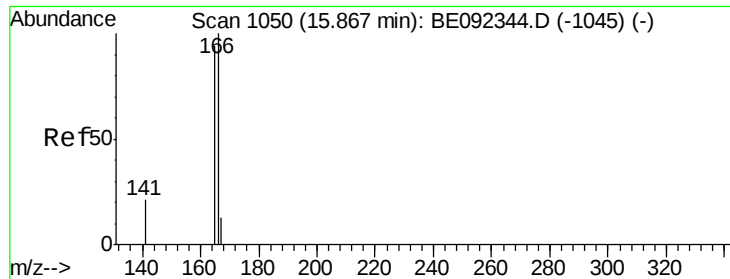
Ion Ratio Lower Upper

154 100

153 442.6 350.8 526.2

152 224.6 171.1 256.7





#17

Fluorene

Concen: 0.40 ng

RT: 15.87 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

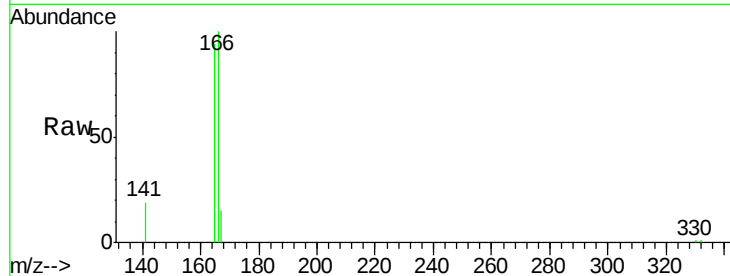
Tgt Ion:166 Resp: 4763

Ion Ratio Lower Upper

166 100

165 98.6 78.2 117.4

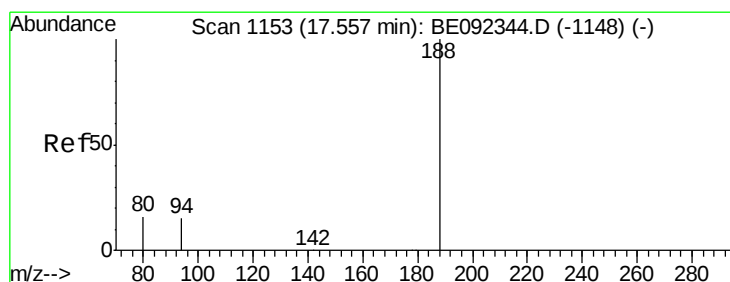
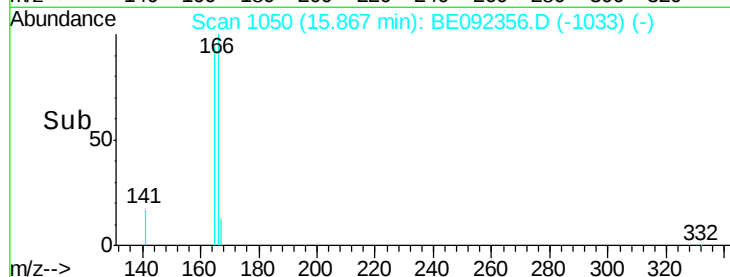
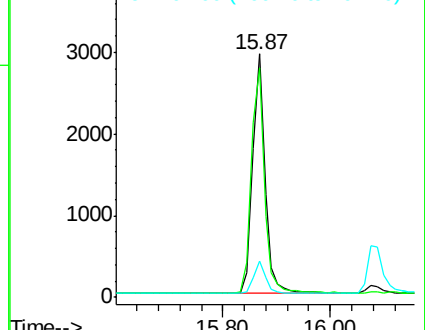
167 13.6 11.0 16.4



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

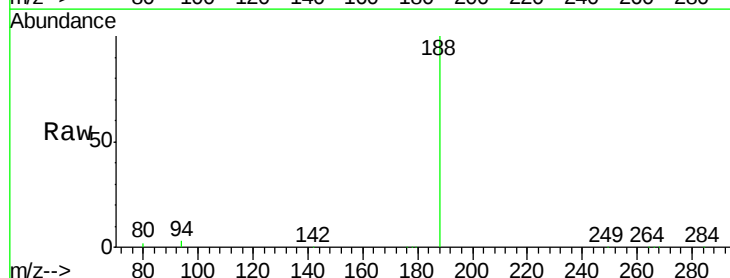
Tgt Ion:188 Resp: 77483

Ion Ratio Lower Upper

188 100

94 2.7 3.2 4.8#

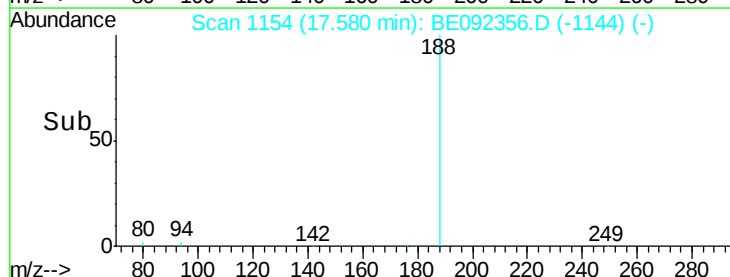
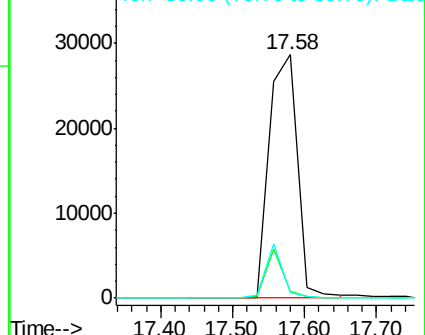
80 2.2 2.6 3.8#



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

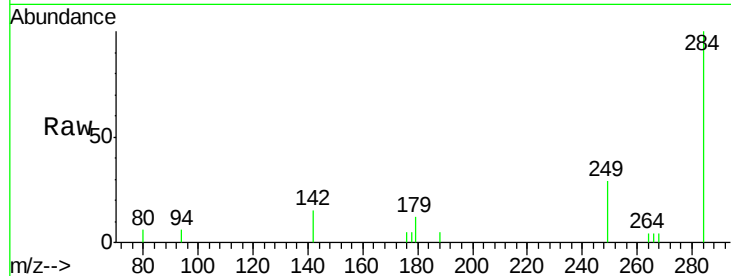




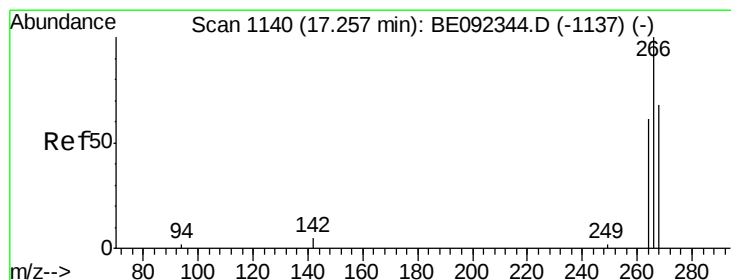
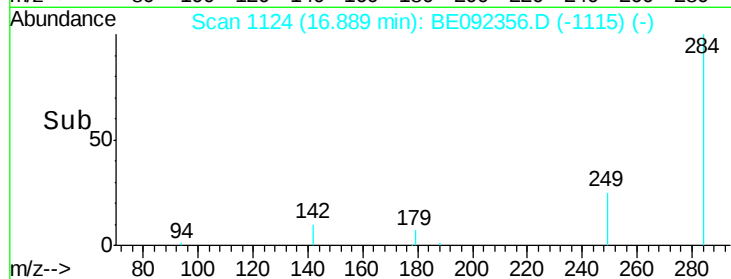
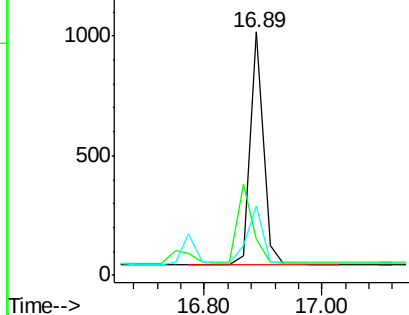
#19  
Hexachlorobenzene  
Concen: 0.41 ng  
RT: 16.89 min Scan# 1124  
Delta R.T. 0.00 min  
Lab File: BE092356.D  
Acq: 9 Sep 2016 14:42

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion: 284 Resp: 1533  
Ion Ratio Lower Upper  
284 100  
142 0.0 29.1 43.7#  
249 29.9 27.9 41.9

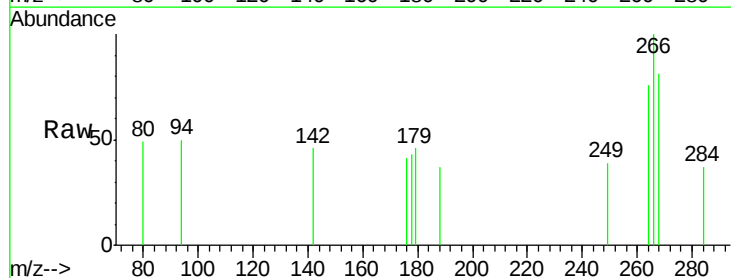


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

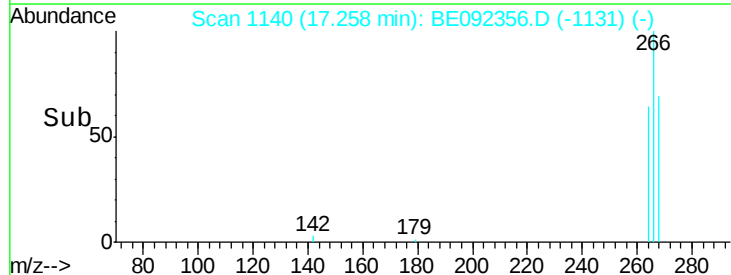
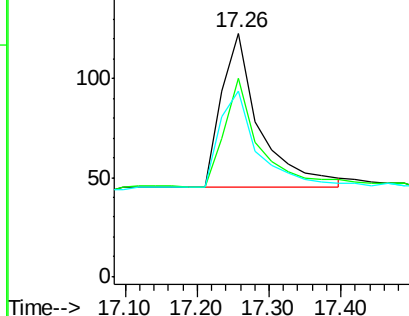


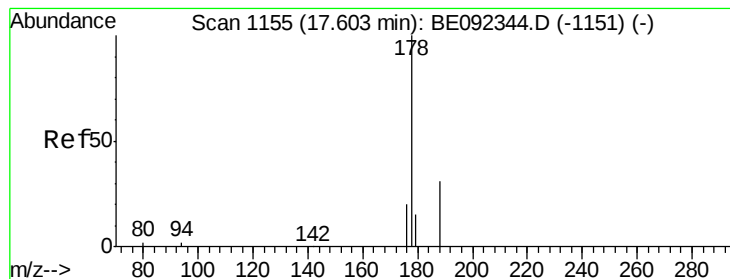
#20  
Pentachlorophenol  
Concen: 0.42 ng  
RT: 17.26 min Scan# 1140  
Delta R.T. 0.00 min  
Lab File: BE092356.D  
Acq: 9 Sep 2016 14:42

Tgt Ion: 266 Resp: 289  
Ion Ratio Lower Upper  
266 100  
268 81.3 62.5 93.7  
264 76.4 57.2 85.8



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





#21

Phenanthrene

Concen: 0.42 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

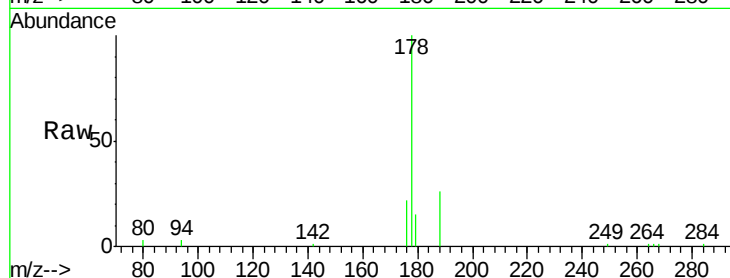
Tgt Ion:178 Resp: 9050

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

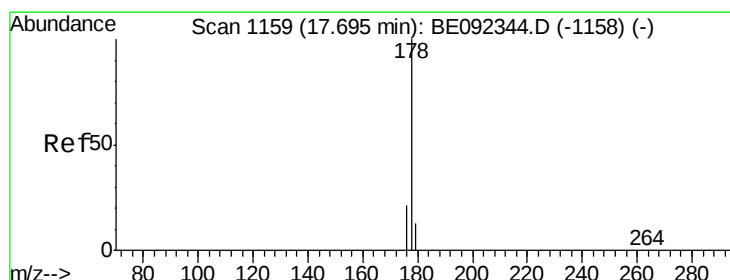
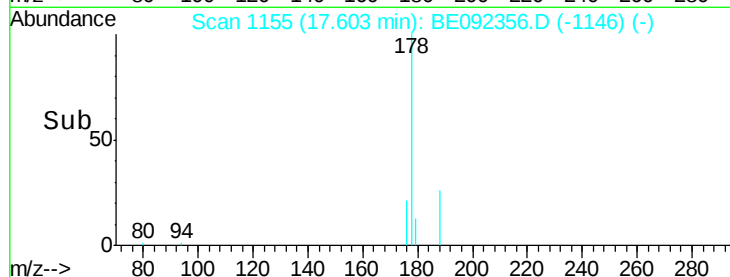
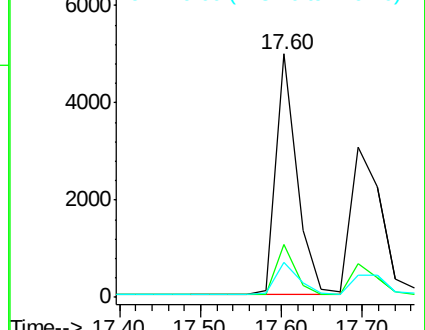
179 15.4 16.0 24.0#



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



#22

Anthracene

Concen: 0.40 ng

RT: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

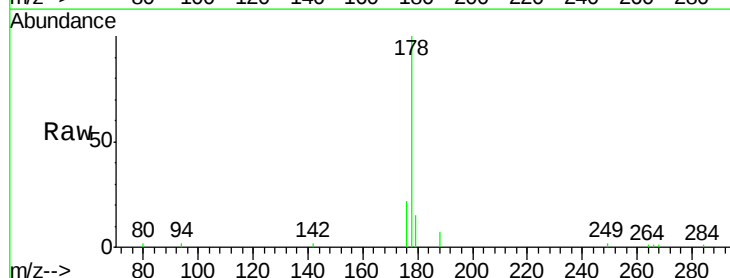
Tgt Ion:178 Resp: 7810

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

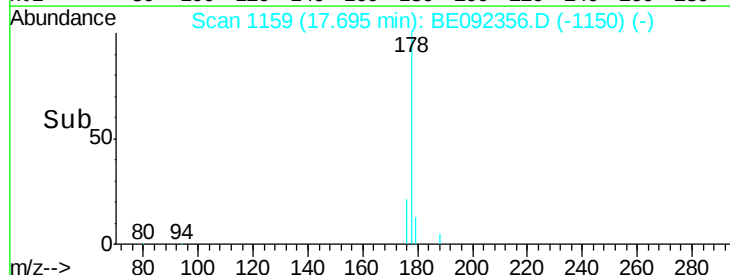
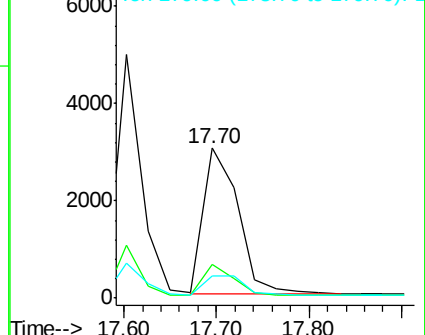
179 15.0 12.2 18.2

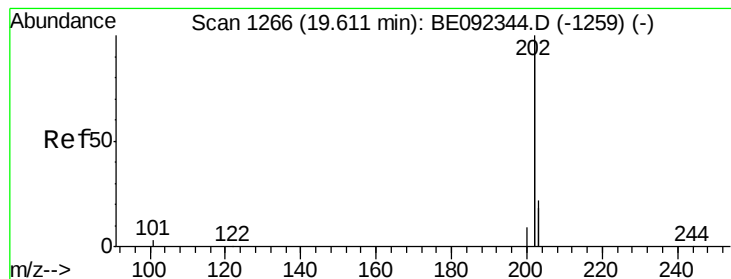


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.41 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

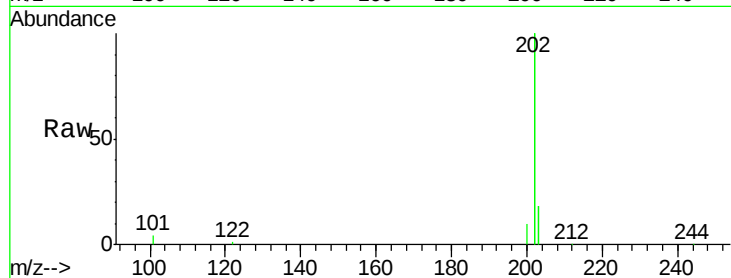
Tgt Ion:202 Resp: 39187

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

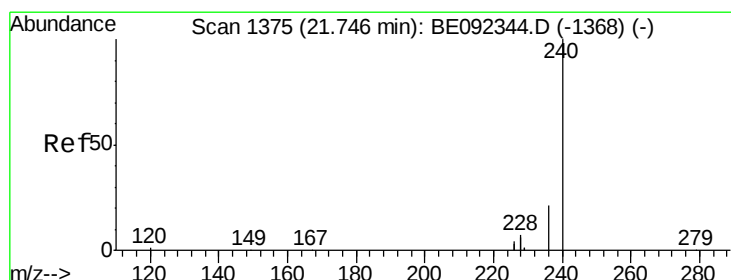
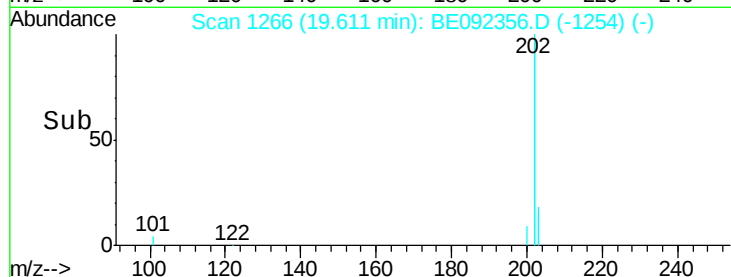
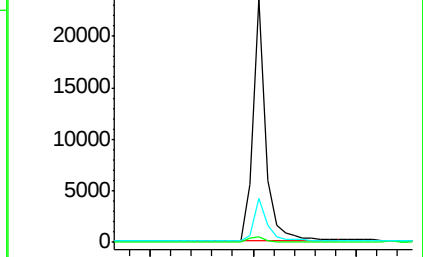
203 17.4 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

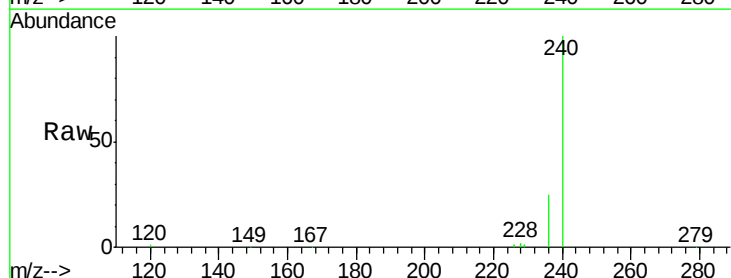
Tgt Ion:240 Resp: 120624

Ion Ratio Lower Upper

240 100

120 1.2 2.6 4.0#

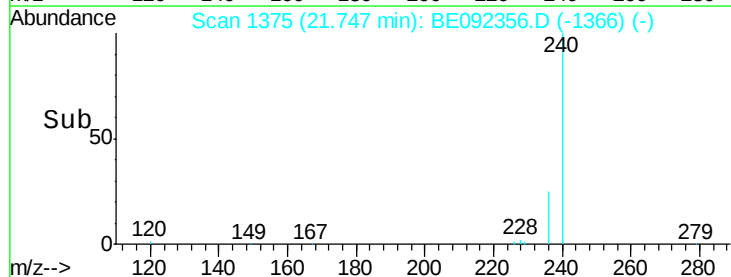
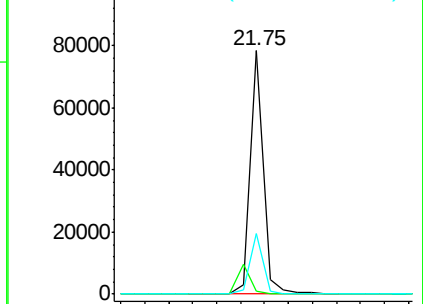
236 24.9 24.6 37.0

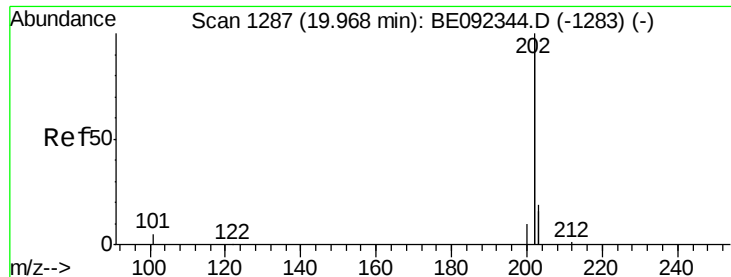


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

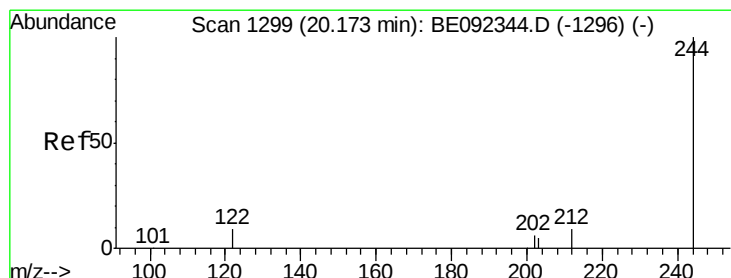
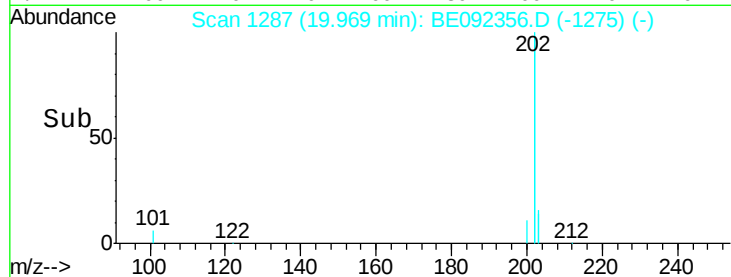
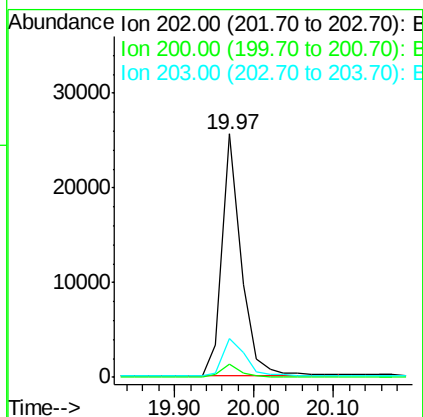
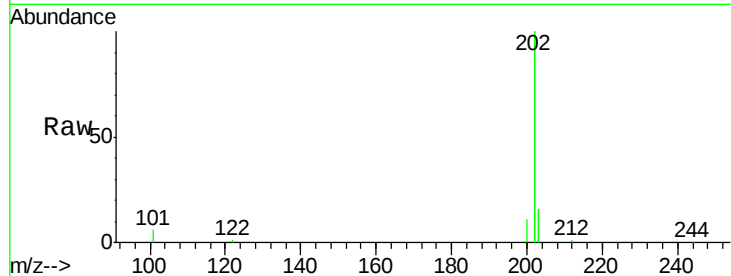




#25  
 Pyrene  
 Concen: 0.36 ng  
 RT: 19.97 min Scan# 1287  
 Delta R.T. 0.00 min  
 Lab File: BE092356.D  
 Acq: 9 Sep 2016 14:42

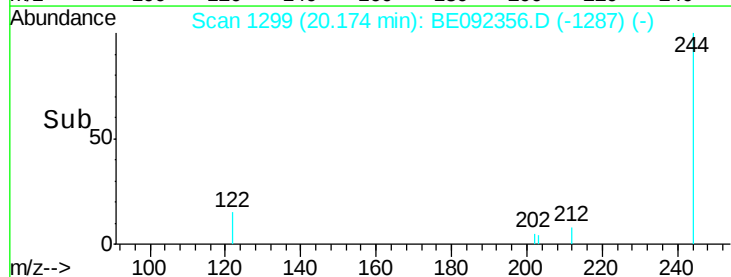
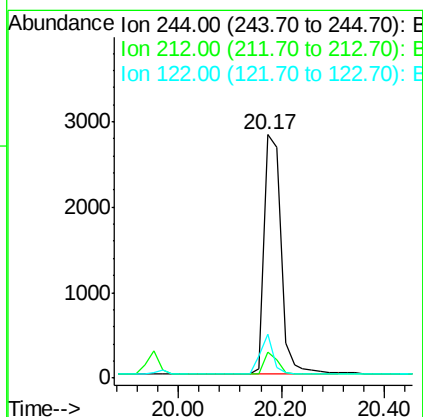
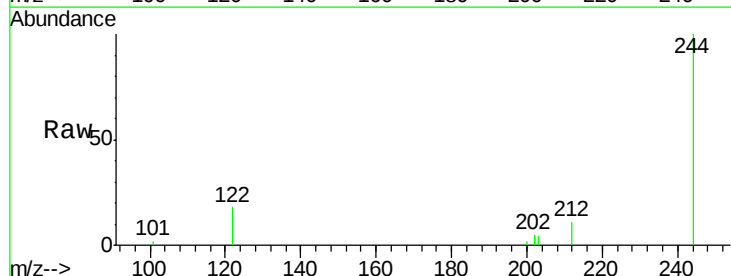
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion: 202 Resp: 42363  
 Ion Ratio Lower Upper  
 202 100  
 200 5.3 4.2 6.4  
 203 17.6 13.9 20.9



#26  
 Terphenyl-d14  
 Concen: 0.35 ng  
 RT: 20.17 min Scan# 1299  
 Delta R.T. 0.00 min  
 Lab File: BE092356.D  
 Acq: 9 Sep 2016 14:42

Tgt Ion: 244 Resp: 6330  
 Ion Ratio Lower Upper  
 244 100  
 212 11.0 6.7 10.1#  
 122 18.2 3.6 5.4#

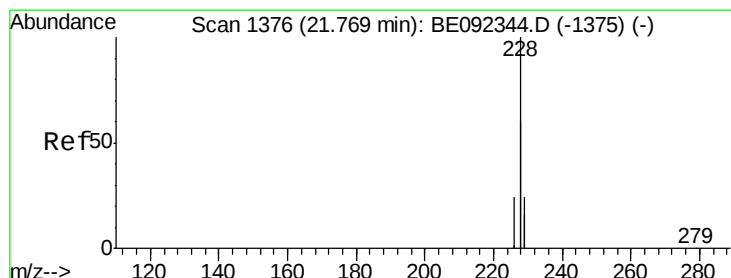
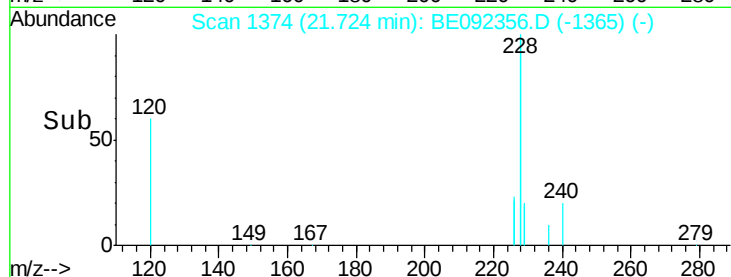
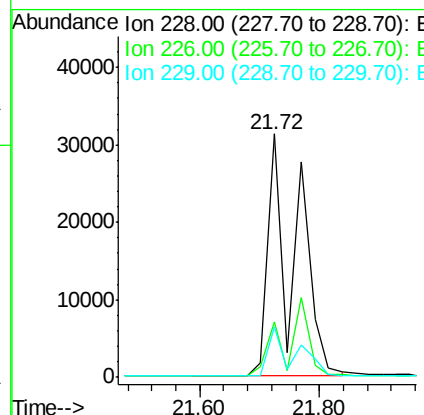
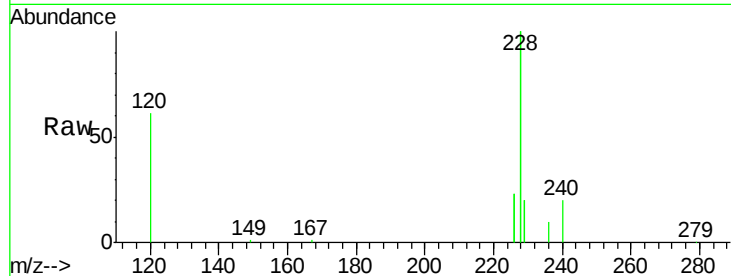




#27  
Benzo(a)anthracene  
Concen: 0.75 ng  
RT: 21.72 min Scan# 1374  
Delta R.T. 0.00 min  
Lab File: BE092356.D  
Acq: 9 Sep 2016 14:42

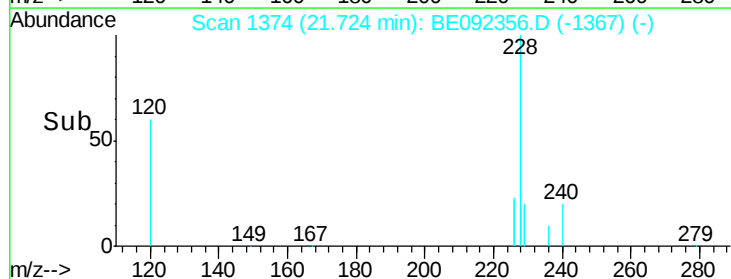
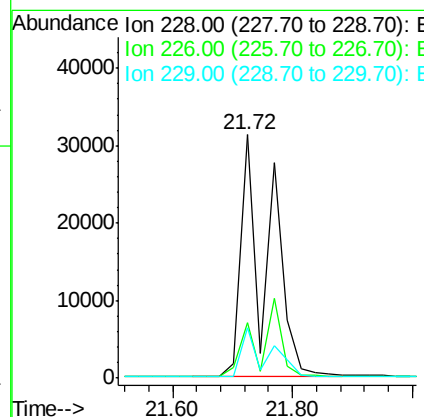
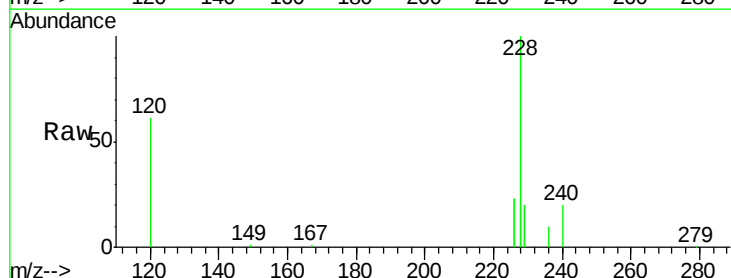
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

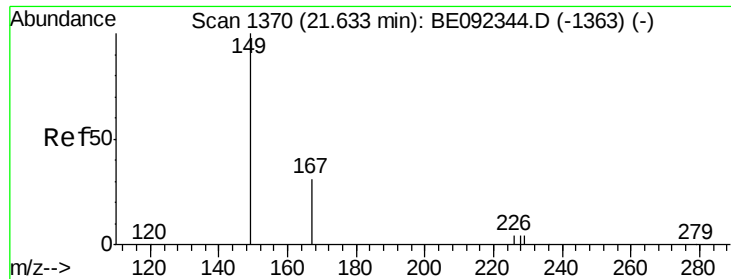
Tgt Ion:228 Resp: 97969  
Ion Ratio Lower Upper  
228 100  
226 22.7 23.6 35.4#  
229 20.5 13.3 19.9#



#28  
Chrysene  
Concen: 0.72 ng  
RT: 21.72 min Scan# 1374  
Delta R.T. -0.04 min  
Lab File: BE092356.D  
Acq: 9 Sep 2016 14:42

Tgt Ion:228 Resp: 98662  
Ion Ratio Lower Upper  
228 100  
226 22.7 36.3 54.5#  
229 20.5 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

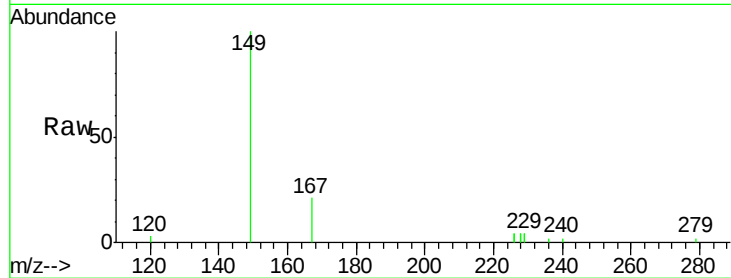
Tgt Ion:149 Resp: 3882

Ion Ratio Lower Upper

149 100

167 23.3 16.0 24.0

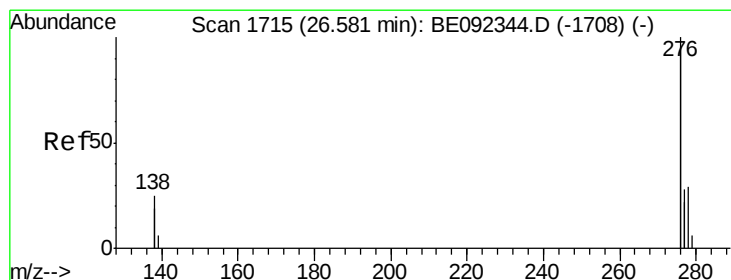
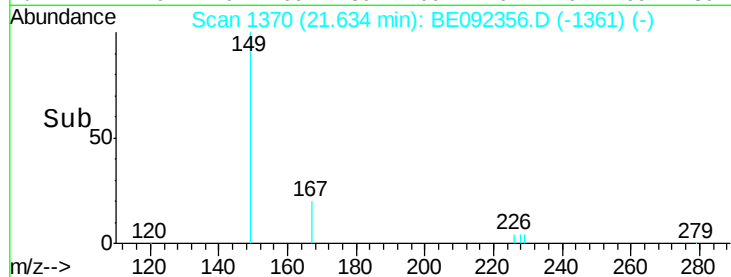
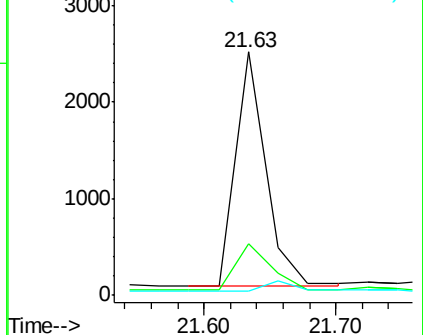
279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.34 ng

RT: 26.60 min Scan# 1716

Delta R.T. 0.02 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

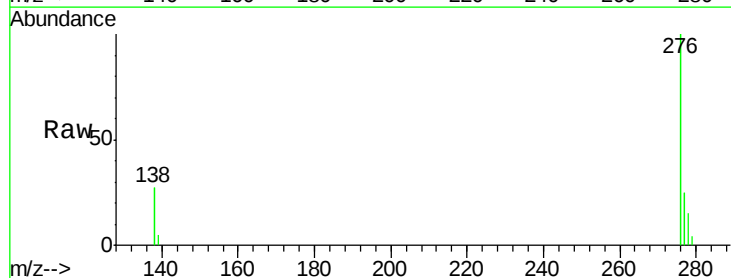
Tgt Ion:276 Resp: 47005

Ion Ratio Lower Upper

276 100

138 26.7 20.3 30.5

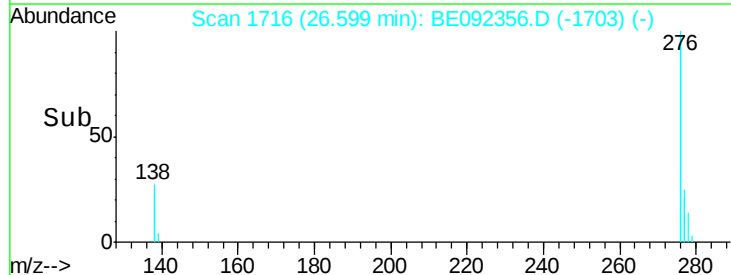
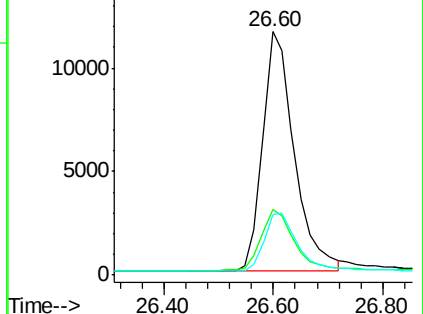
277 24.9 19.7 29.5

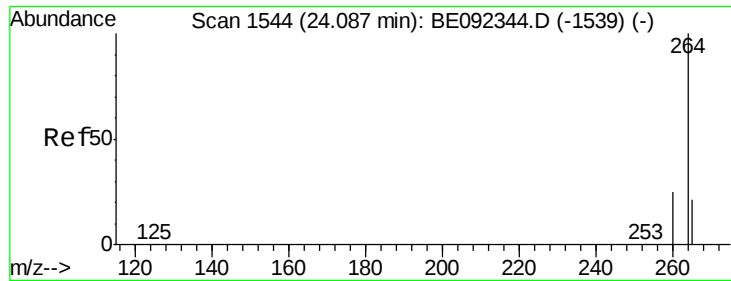


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.11 min Scan# 1546

Delta R.T. 0.02 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

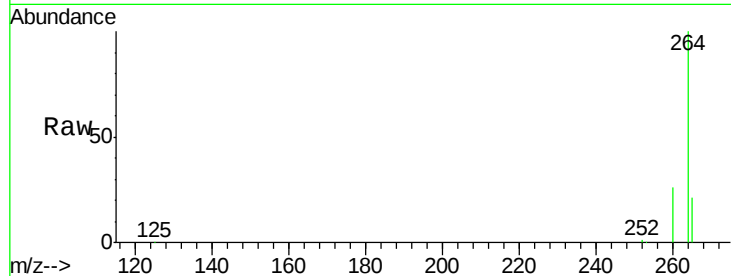
Tgt Ion:264 Resp: 105560

Ion Ratio Lower Upper

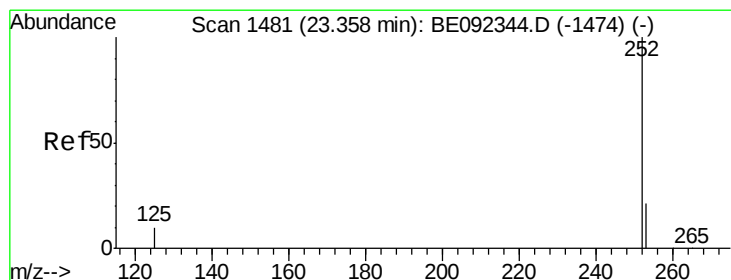
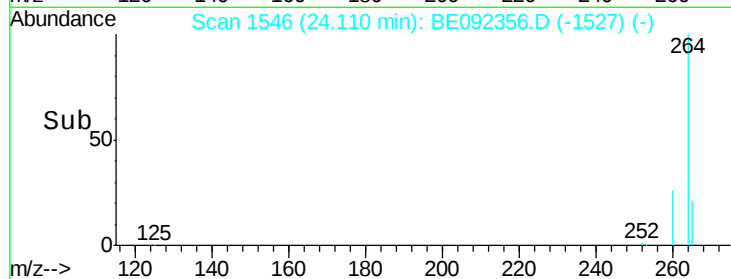
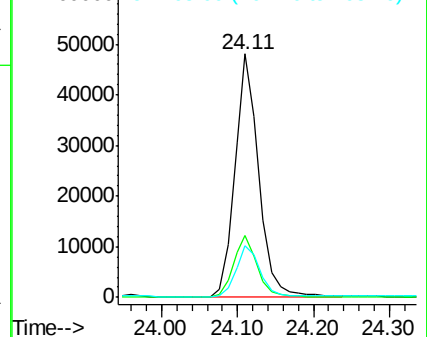
264 100

260 25.6 20.1 30.1

265 21.4 17.9 26.9



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



#32

Benzo(b)fluoranthene

Concen: 0.42 ng

RT: 23.38 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

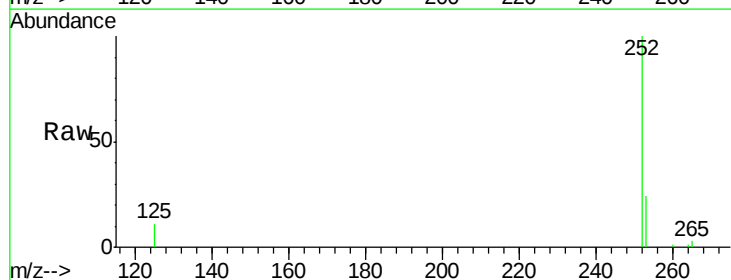
Tgt Ion:252 Resp: 11295

Ion Ratio Lower Upper

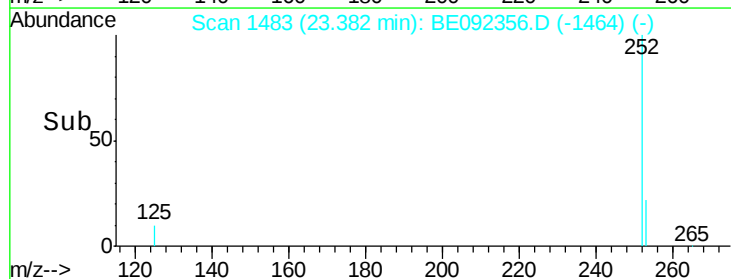
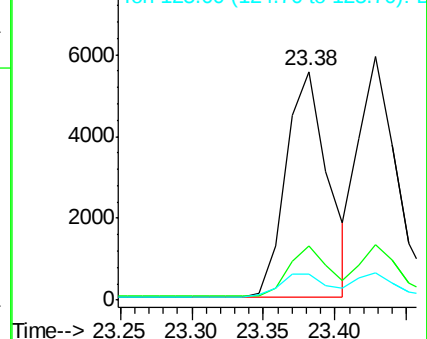
252 100

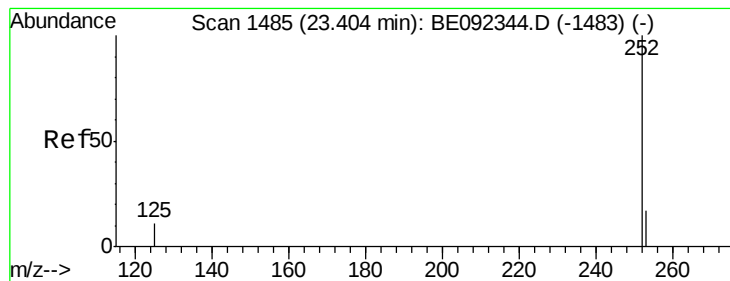
253 23.7 18.7 28.1

125 11.4 10.5 15.7



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





#33

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

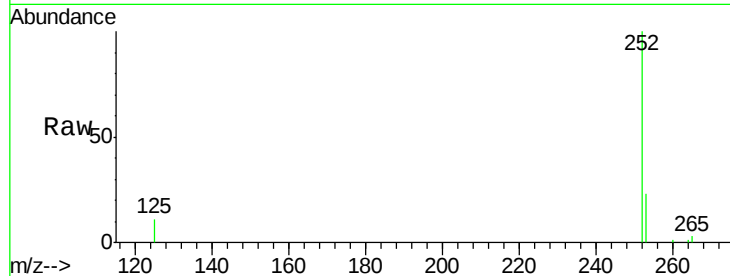
Tgt Ion:252 Resp: 11261

Ion Ratio Lower Upper

252 100

253 22.9 20.3 30.5

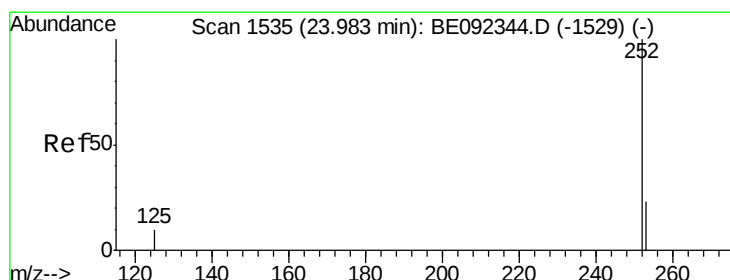
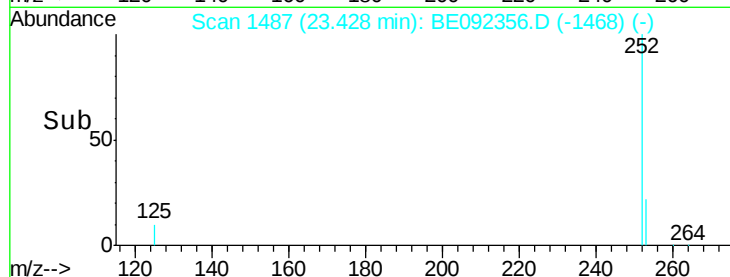
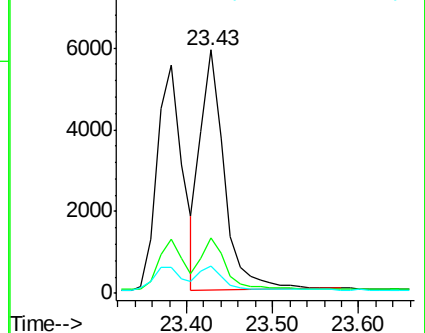
125 11.0 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 0.40 ng

RT: 23.99 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

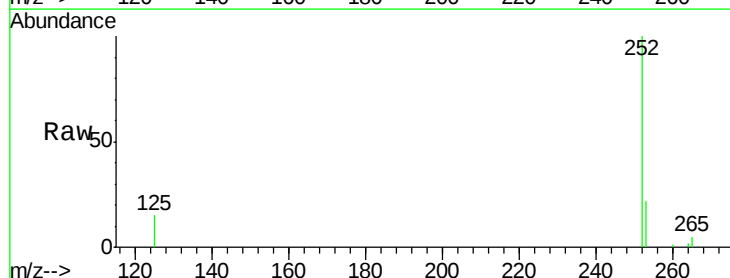
Tgt Ion:252 Resp: 10642

Ion Ratio Lower Upper

252 100

253 22.3 19.0 28.6

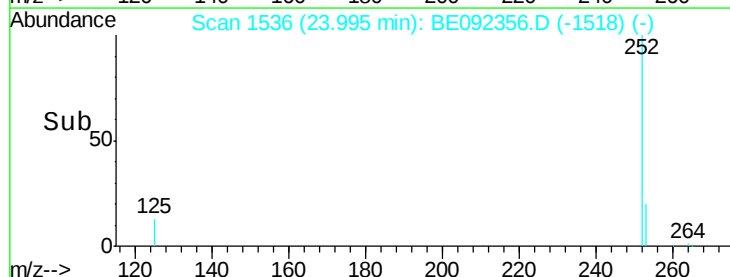
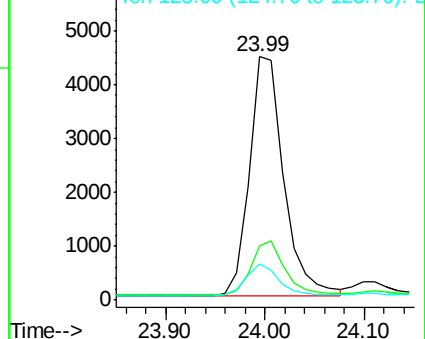
125 14.7 11.8 17.8



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





#35

Dibenzo(a,h)anthracene

Concen: 0.39 ng

RT: 26.63 min Scan# 1718

Delta R.T. 0.03 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

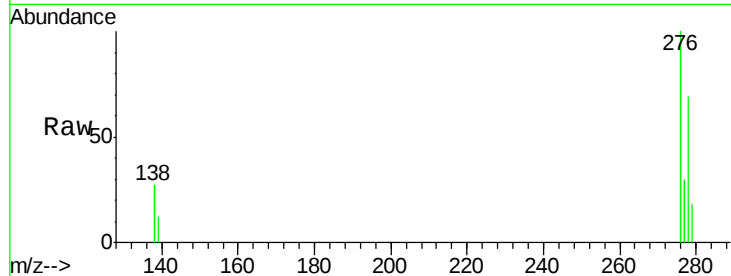
Tgt Ion: 278 Resp: 9562

Ion Ratio Lower Upper

278 100

139 17.4 13.8 20.8

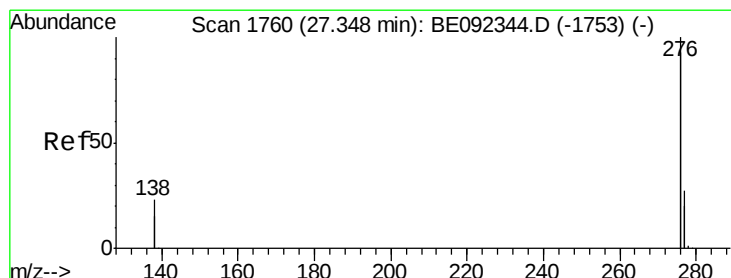
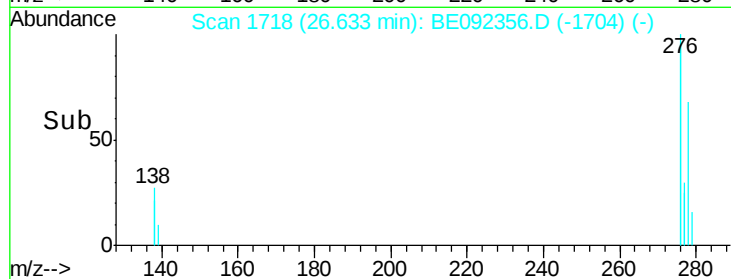
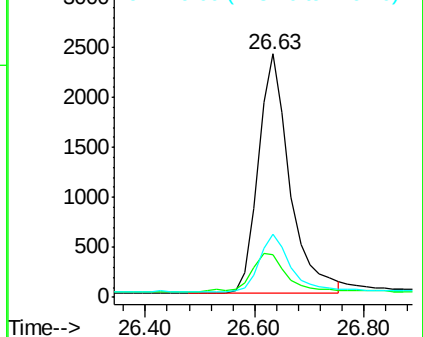
279 25.9 21.4 32.2



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



#36

Benzo(g,h,i)perylene

Concen: 0.40 ng

RT: 27.38 min Scan# 1762

Delta R.T. 0.03 min

Lab File: BE092356.D

Acq: 9 Sep 2016 14:42

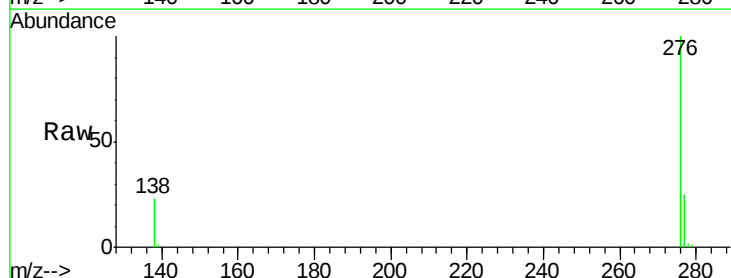
Tgt Ion: 276 Resp: 41295

Ion Ratio Lower Upper

276 100

277 25.5 19.8 29.8

138 22.6 19.8 29.6



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

