

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE080916\  
 Data File : BE092240.D  
 Acq On : 9 Aug 2016 22:26  
 Operator : UM/SJ  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC005

Quant Time: Aug 10 04:44:53 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 10 04:43:27 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 11233    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.97 | 136  | 53199    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.83 | 164  | 29901    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 17.56 | 188  | 67110    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12          | 21.75 | 240  | 65575    | 5.00 | ng    | 0.00     |
| 31) Perylene-d12          | 24.13 | 264  | 70069    | 5.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.69  | 112  | 13906    | 5.66 | ng    | -0.01    |
| 5) Phenol-d6                | 7.34  | 99   | 20783    | 5.88 | ng    | -0.02    |
| 8) Nitrobenzene-d5          | 9.32  | 82   | 20405    | 5.43 | ng    | -0.05    |
| 13) 2,4,6-Tribromophenol    | 16.32 | 330  | 5700     | 6.37 | ng    | -0.01    |
| 14) 2-Fluorobiphenyl        | 13.46 | 172  | 46503    | 5.03 | ng    | -0.01    |
| 26) Terphenyl-d14           | 20.19 | 244  | 59650    | 5.38 | ng    | 0.00     |

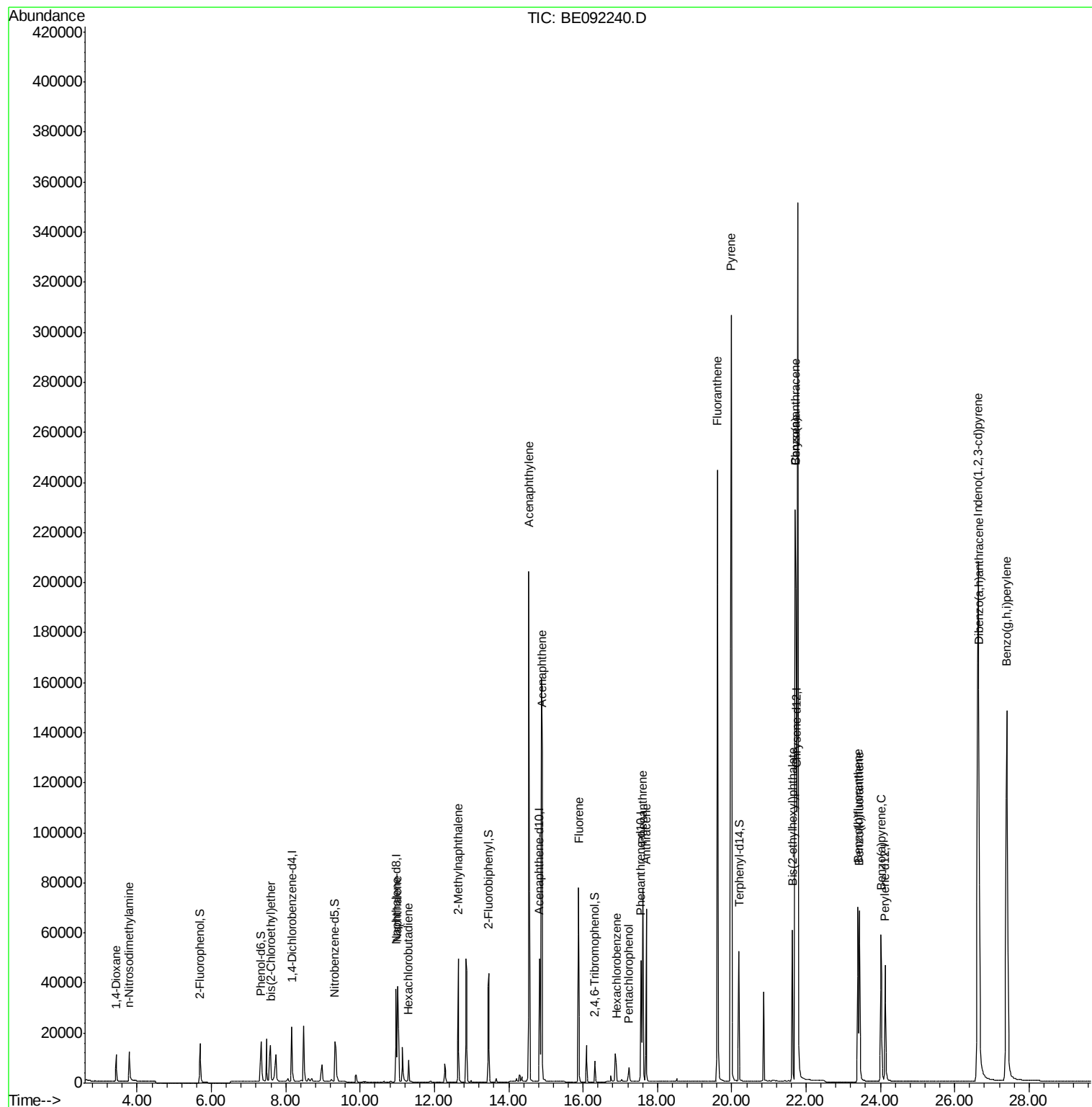
| Target Compounds               | R.T.  | QIon | Response | Conc | Units | Qvalue |
|--------------------------------|-------|------|----------|------|-------|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88   | 6566     | 4.58 | ng    | 93     |
| 3) n-Nitrosodimethylamine      | 3.78  | 42   | 10429    | 5.99 | ng    | 96     |
| 6) bis(2-Chloroethyl)ether     | 7.59  | 93   | 16227    | 5.67 | ng    | # 33   |
| 9) Naphthalene                 | 11.01 | 128  | 59482    | 4.99 | ng    | # 95   |
| 10) Hexachlorobutadiene        | 11.30 | 225  | 8505     | 4.94 | ng    | 99     |
| 11) 2-Methylnaphthalene        | 12.64 | 142  | 38713    | 5.20 | ng    | 93     |
| 15) Acenaphthylene             | 14.54 | 152  | 270286   | 5.23 | ng    | 99     |
| 16) Acenaphthene               | 14.90 | 154  | 40318    | 4.86 | ng    | 97     |
| 17) Fluorene                   | 15.88 | 166  | 51109    | 5.10 | ng    | 99     |
| 19) Hexachlorobenzene          | 16.89 | 284  | 13249    | 4.97 | ng    | # 100  |
| 20) Pentachlorophenol          | 17.24 | 266  | 5446     | 7.69 | ng    | # 80   |
| 21) Phenanthrene               | 17.60 | 178  | 89484    | 5.16 | ng    | 99     |
| 22) Anthracene                 | 17.70 | 178  | 85445    | 5.43 | ng    | 98     |
| 23) Fluoranthene               | 19.61 | 202  | 383176   | 5.56 | ng    | 99     |
| 25) Pyrene                     | 19.99 | 202  | 415689   | 5.36 | ng    | 100    |
| 27) Benzo(a)anthracene         | 21.70 | 228  | 412862   | 5.24 | ng    | # 62   |
| 28) Chrysene                   | 21.70 | 228  | 412883   | 5.66 | ng    | # 68   |
| 29) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 64864    | 6.42 | ng    | # 96   |
| 30) Indeno(1,2,3-cd)pyrene     | 26.63 | 276  | 431776   | 5.51 | ng    | 99     |
| 32) Benzo(b)fluoranthene       | 23.39 | 252  | 96720    | 5.26 | ng    | 95     |
| 33) Benzo(k)fluoranthene       | 23.44 | 252  | 98586    | 5.18 | ng    | 94     |
| 34) Benzo(a)pyrene             | 24.02 | 252  | 93807    | 5.41 | ng    | # 93   |
| 35) Dibenzo(a,h)anthracene     | 26.65 | 278  | 88900    | 5.51 | ng    | 93     |
| 36) Benzo(g,h,i)perylene       | 27.40 | 276  | 363387   | 5.23 | ng    | 95     |

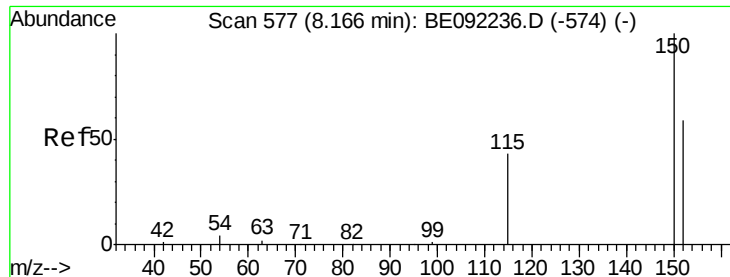
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 10 04:43:27 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDICC005

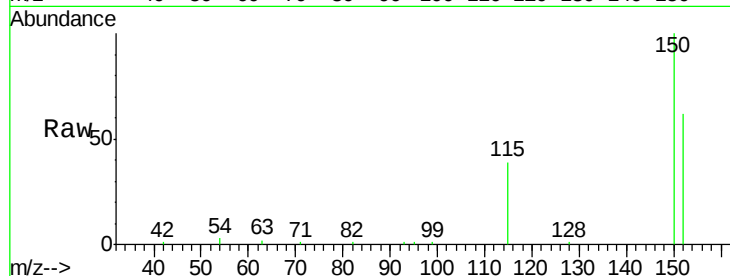
Tgt Ion:152 Resp: 11233

Ion Ratio Lower Upper

152 100

150 160.9 135.6 203.4

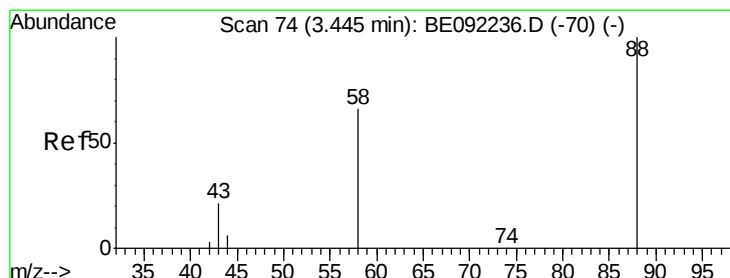
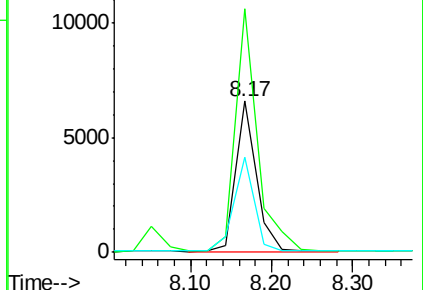
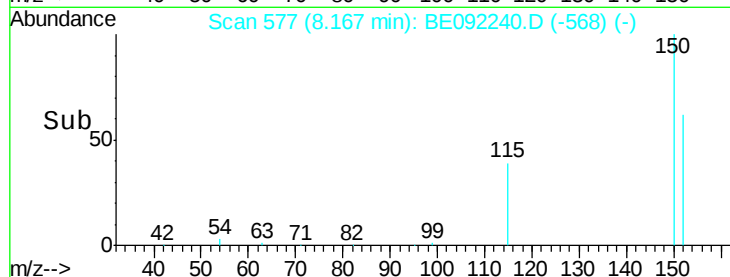
115 63.1 59.4 89.0



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: 4.58 ng

RT: 3.43 min Scan# 73

Delta R.T. -0.01 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

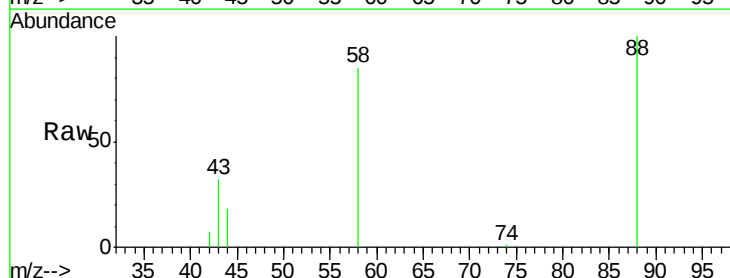
Tgt Ion: 88 Resp: 6566

Ion Ratio Lower Upper

88 100

58 86.6 64.4 96.6

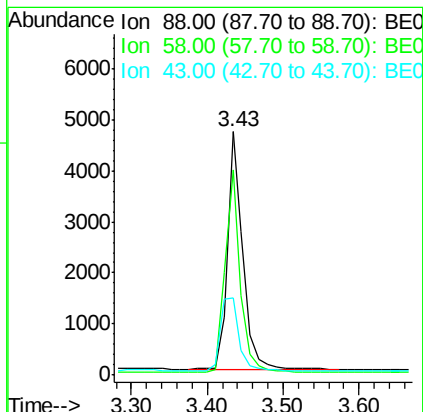
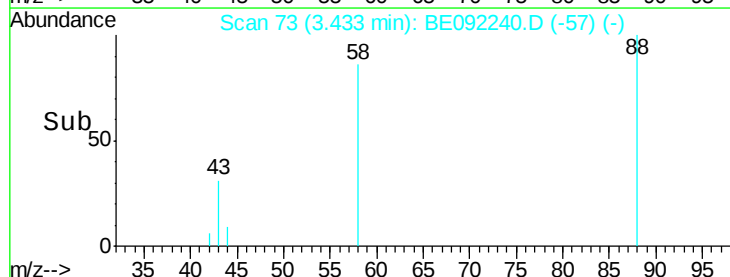
43 37.8 33.4 50.2

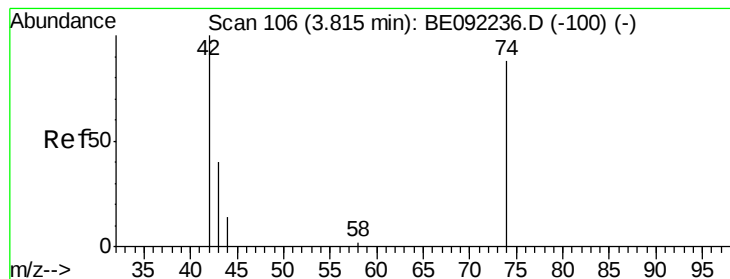


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 5.99 ng

RT: 3.78 min Scan# 103

Delta R.T. -0.03 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDIC005

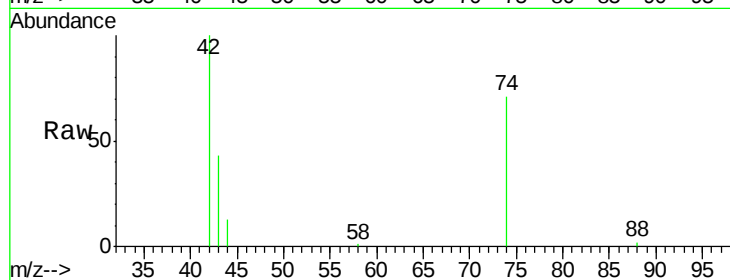
Tgt Ion: 42 Resp: 10429

Ion Ratio Lower Upper

42 100

74 100.4 77.2 115.8

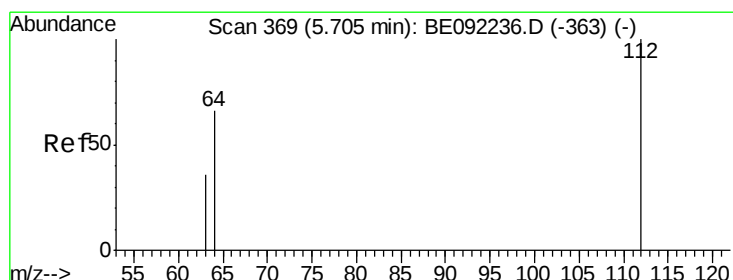
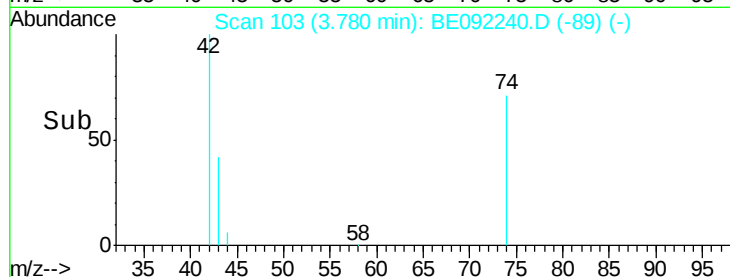
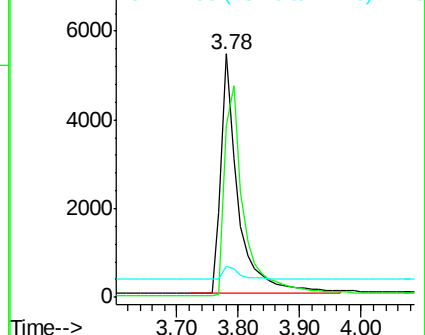
44 5.7 5.0 7.4



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 5.66 ng

RT: 5.69 min Scan# 367

Delta R.T. -0.01 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

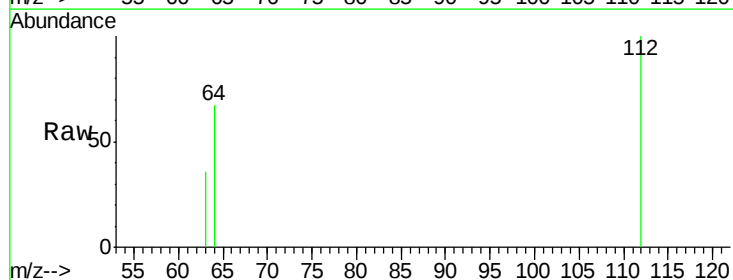
Tgt Ion: 112 Resp: 13906

Ion Ratio Lower Upper

112 100

64 66.9 53.2 79.8

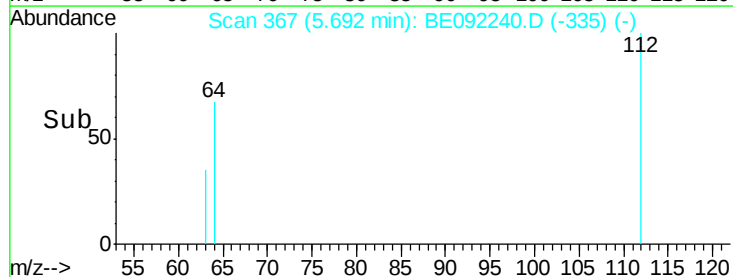
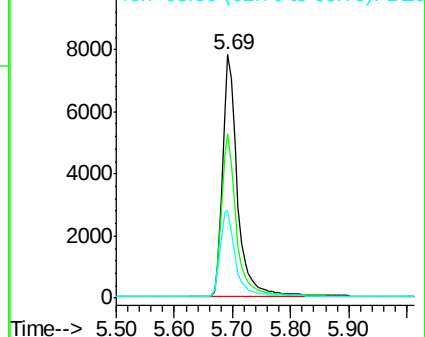
63 36.5 27.4 41.2

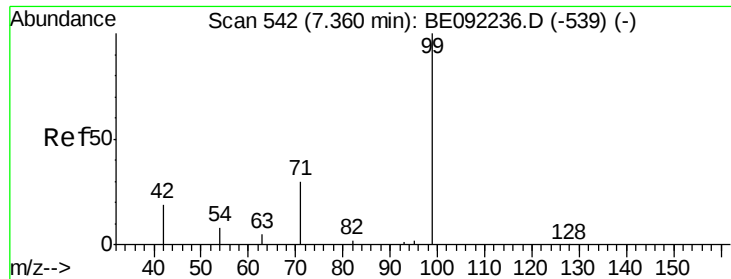


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.88 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDICC005

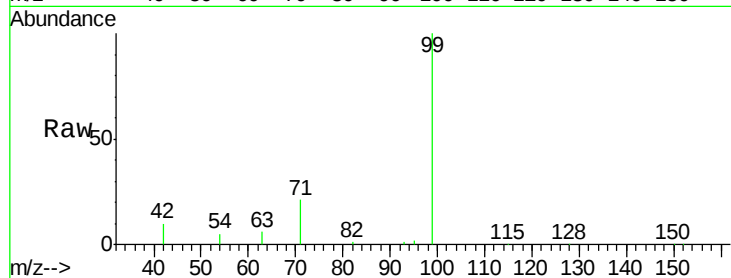
Tgt Ion: 99 Resp: 20783

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

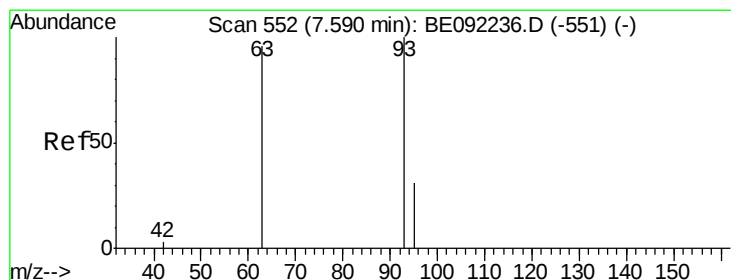
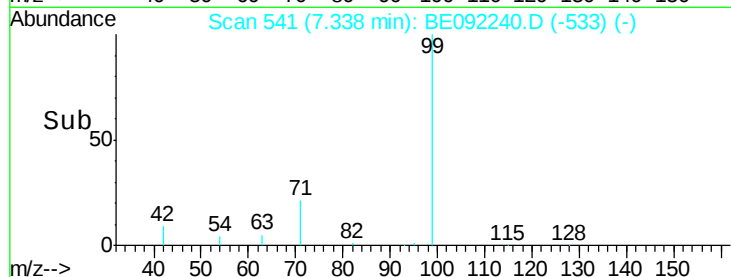
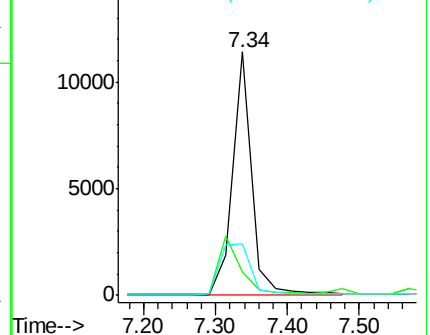
71 34.2 29.8 44.8



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: 5.67 ng

RT: 7.59 min Scan# 552

Delta R.T. 0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

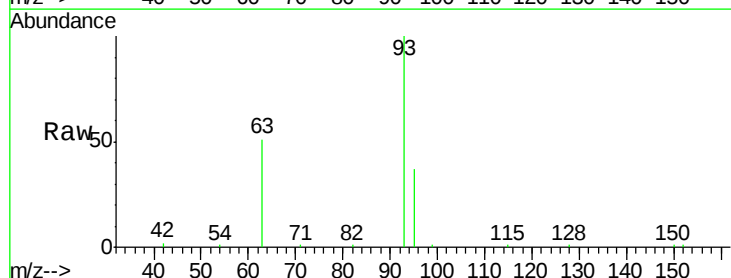
Tgt Ion: 93 Resp: 16227

Ion Ratio Lower Upper

93 100

63 0.0 68.5 102.7#

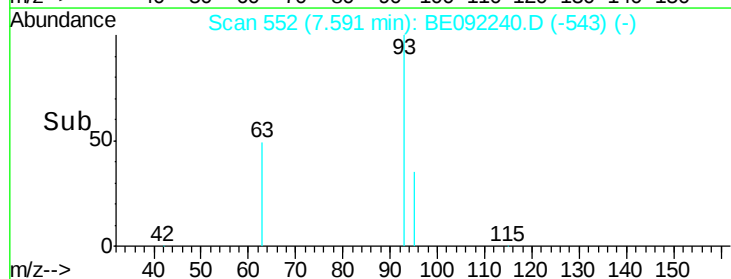
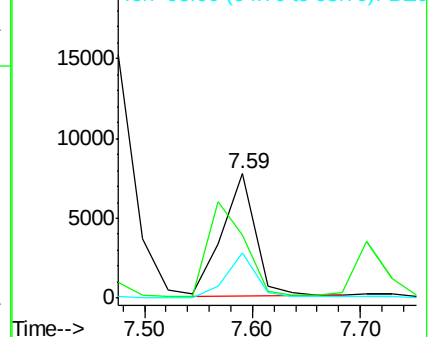
95 33.9 27.2 40.8

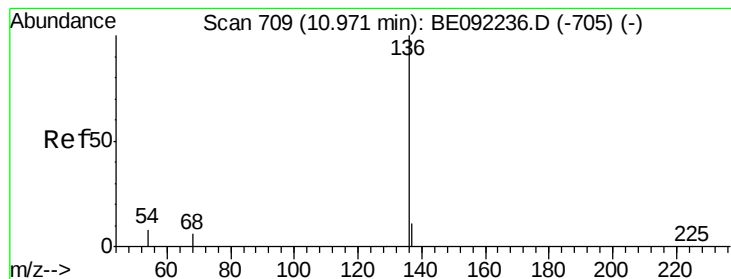


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDIC005

Tgt Ion:136 Resp: 53199

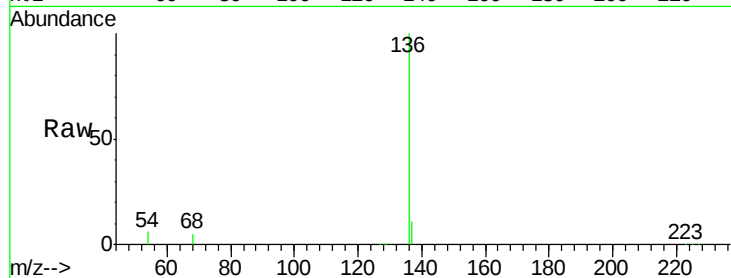
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.3 6.2 9.4

68 4.8 4.6 6.8

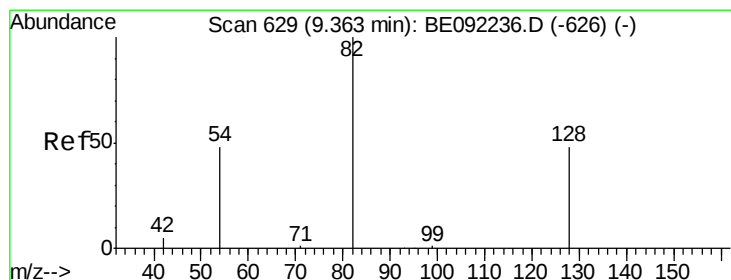
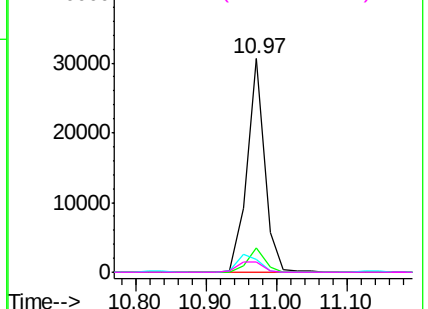
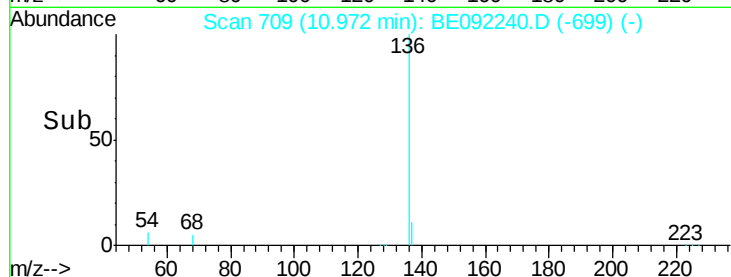


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.43 ng

RT: 9.32 min Scan# 627

Delta R.T. -0.05 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

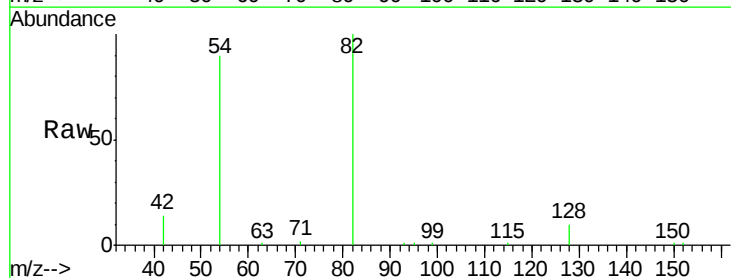
Tgt Ion: 82 Resp: 20405

Ion Ratio Lower Upper

82 100

128 9.8 45.0 67.4#

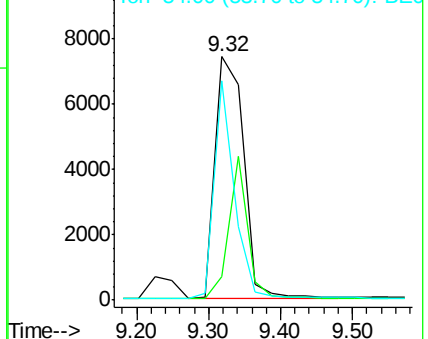
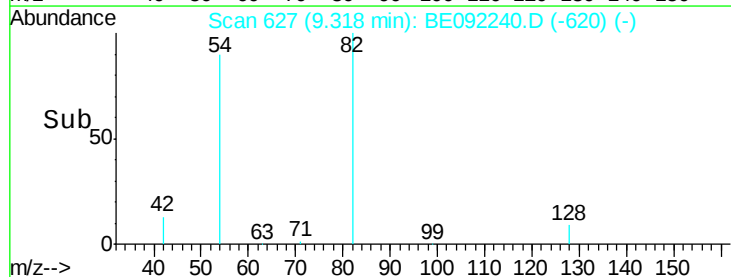
54 90.1 45.4 68.2#

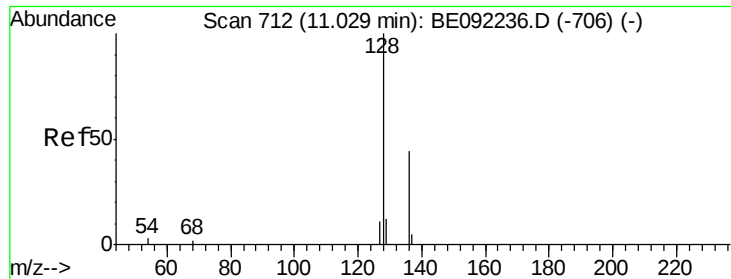


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.99 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.02 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDIC005

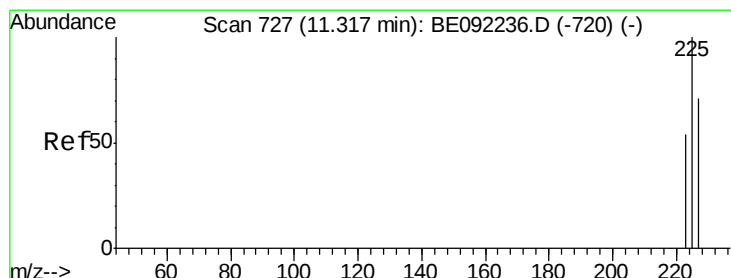
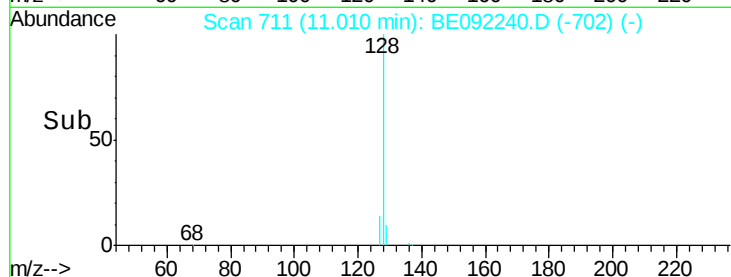
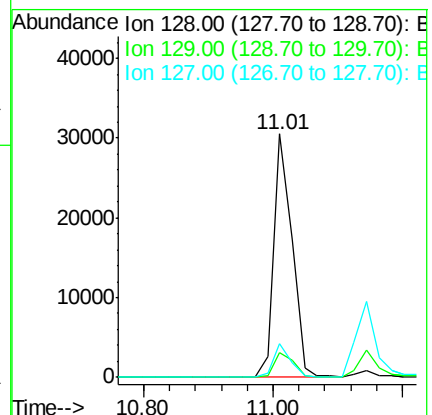
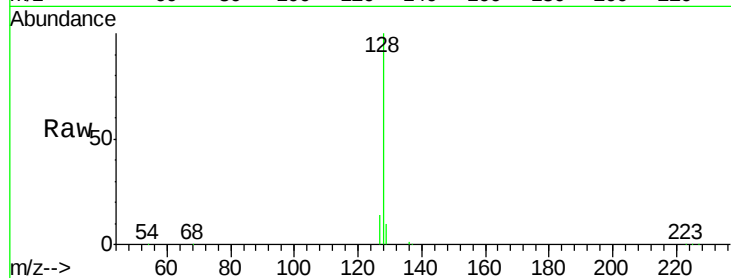
Tgt Ion:128 Resp: 59482

Ion Ratio Lower Upper

128 100

129 10.4 11.5 17.3#

127 14.1 11.0 16.6



#10

Hexachlorobutadiene

Concen: 4.94 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.02 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

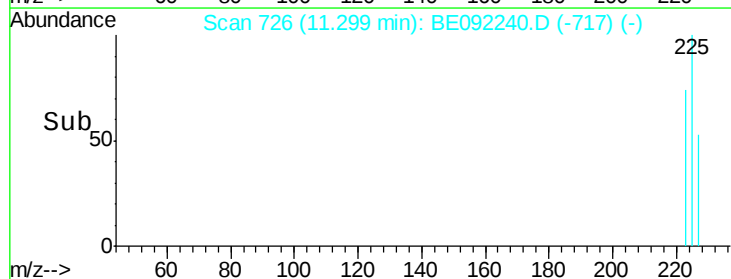
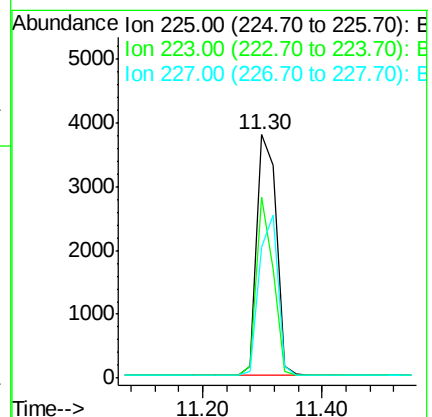
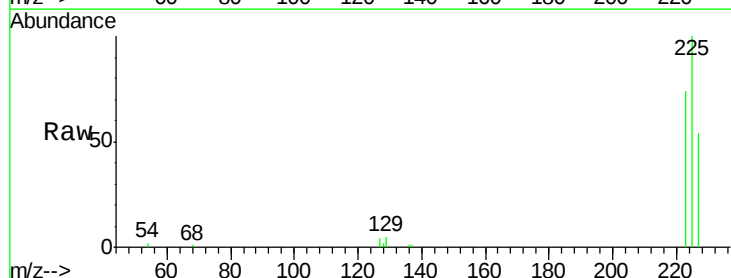
Tgt Ion:225 Resp: 8505

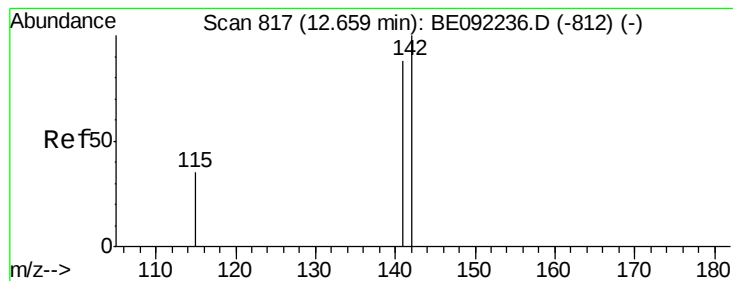
Ion Ratio Lower Upper

225 100

223 63.5 52.2 78.4

227 64.2 51.0 76.6





#11

2-Methylnaphthalene

Concen: 5.20 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.02 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDIC005

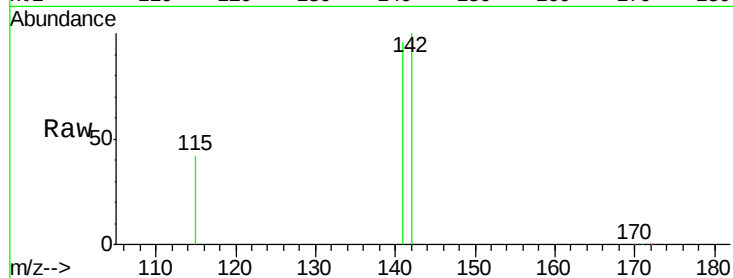
Tgt Ion:142 Resp: 38713

Ion Ratio Lower Upper

142 100

141 95.9 70.6 105.8

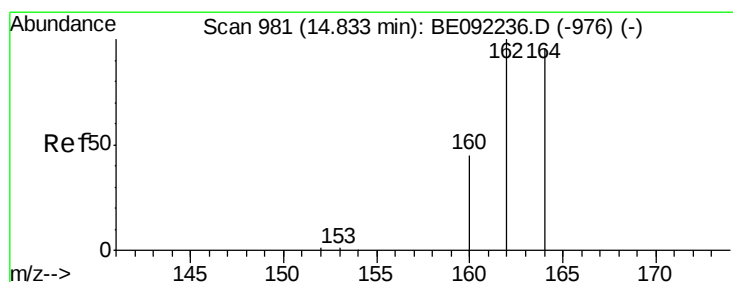
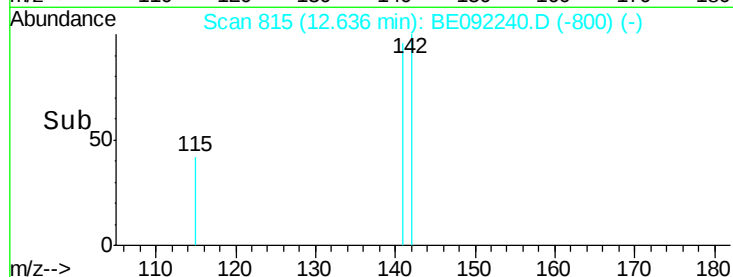
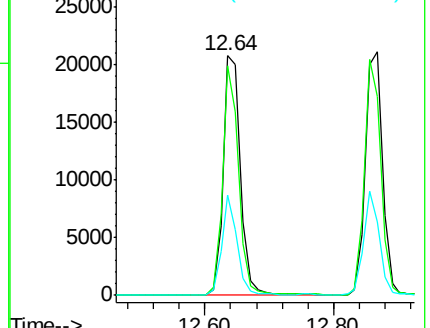
115 42.0 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

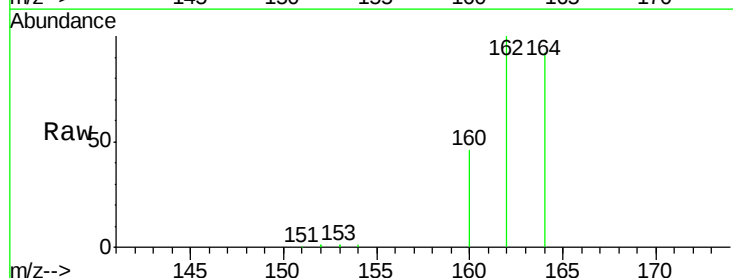
Tgt Ion:164 Resp: 29901

Ion Ratio Lower Upper

164 100

162 109.3 83.3 124.9

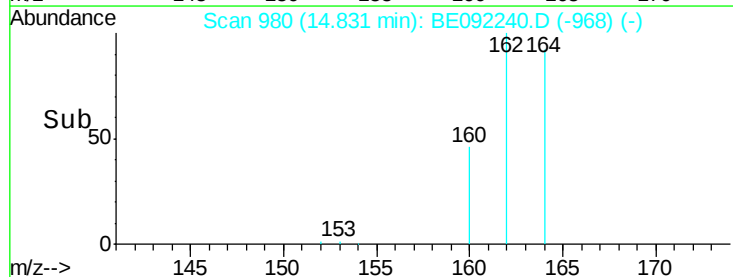
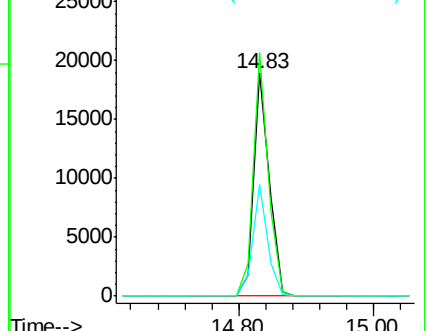
160 50.0 38.0 57.0

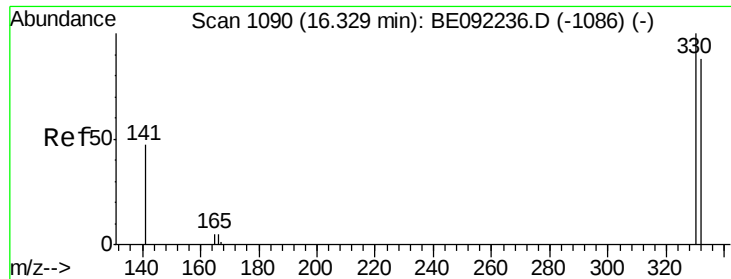


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

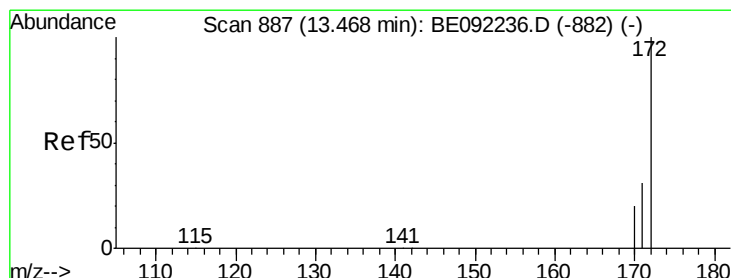
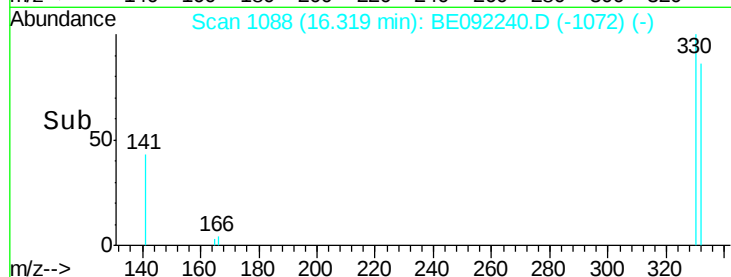
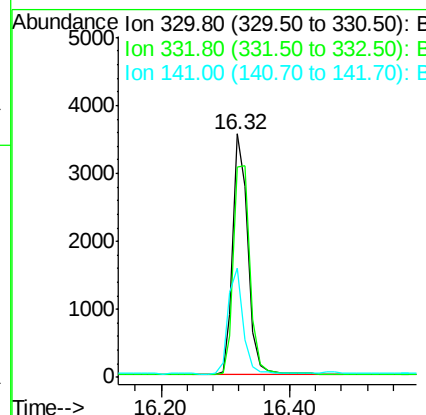
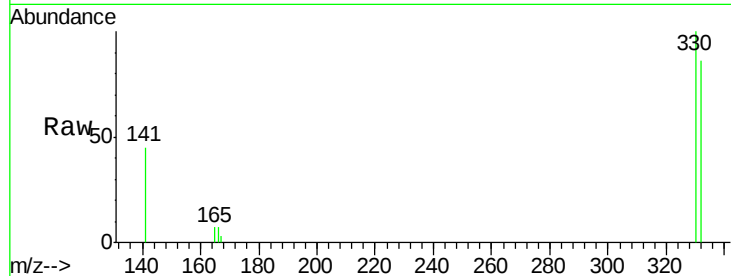




#13  
 2,4,6-Tribromophenol  
 Concen: 6.37 ng  
 RT: 16.32 min Scan# 1088  
 Delta R.T. -0.01 min  
 Lab File: BE092240.D  
 Acq: 9 Aug 2016 22:26

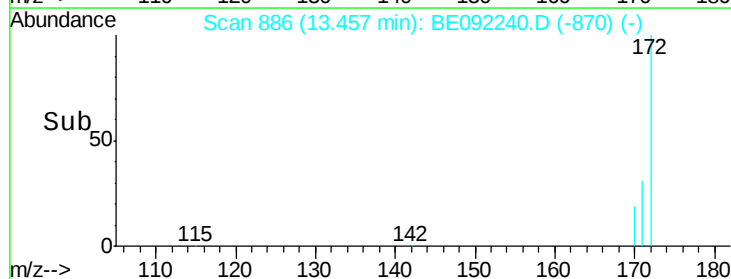
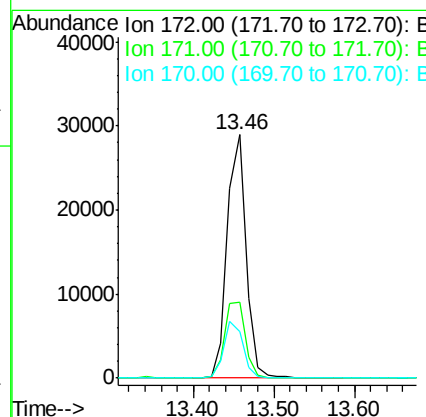
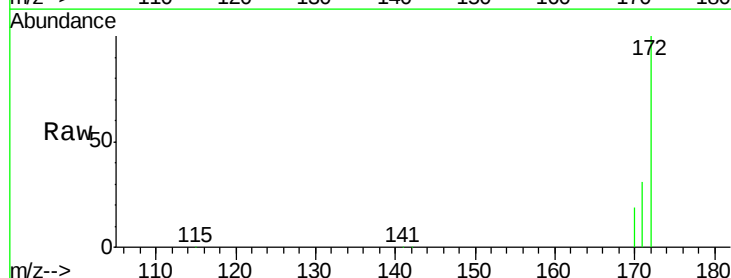
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC005

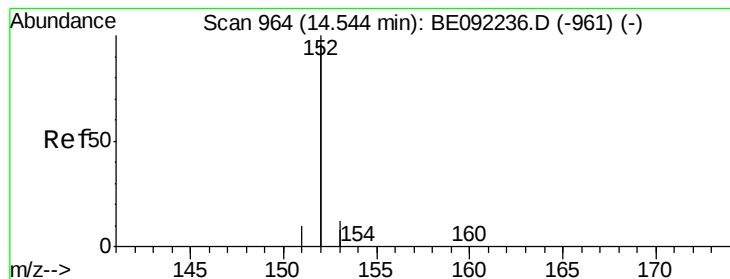
Tgt Ion: 330 Resp: 5700  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 75.4 113.0  
 141 44.1 37.7 56.5



#14  
 2-Fluorobiphenyl  
 Concen: 5.03 ng  
 RT: 13.46 min Scan# 886  
 Delta R.T. -0.01 min  
 Lab File: BE092240.D  
 Acq: 9 Aug 2016 22:26

Tgt Ion: 172 Resp: 46503  
 Ion Ratio Lower Upper  
 172 100  
 171 31.2 26.8 40.2  
 170 19.0 17.8 26.6





#15

Acenaphthylene

Concen: 5.23 ng

RT: 14.54 min Scan# 963

Delta R.T. -0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDIC005

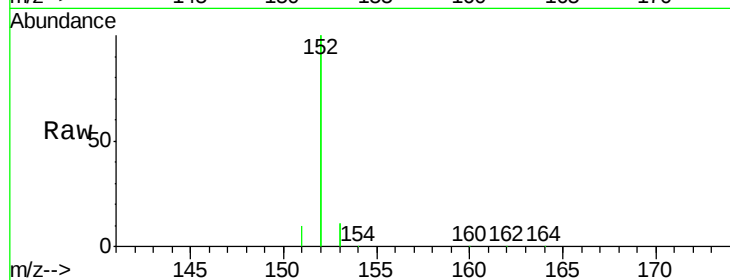
Tgt Ion:152 Resp: 270286

Ion Ratio Lower Upper

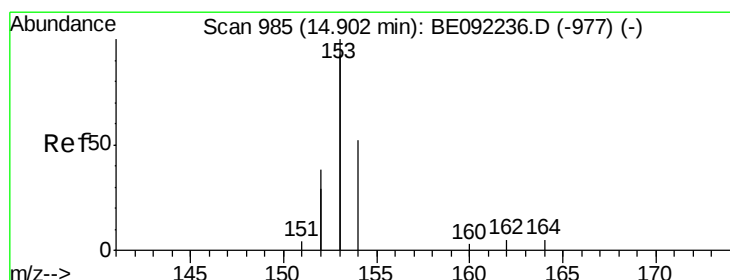
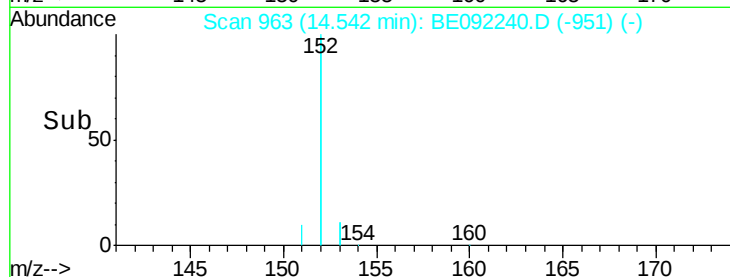
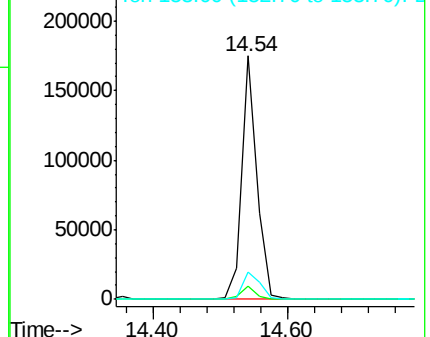
152 100

151 4.9 3.8 5.8

153 13.0 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 4.86 ng

RT: 14.90 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

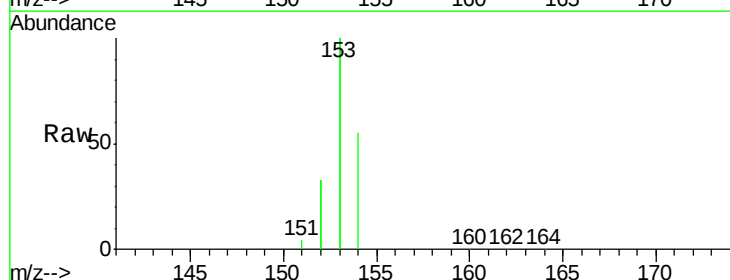
Tgt Ion:154 Resp: 40318

Ion Ratio Lower Upper

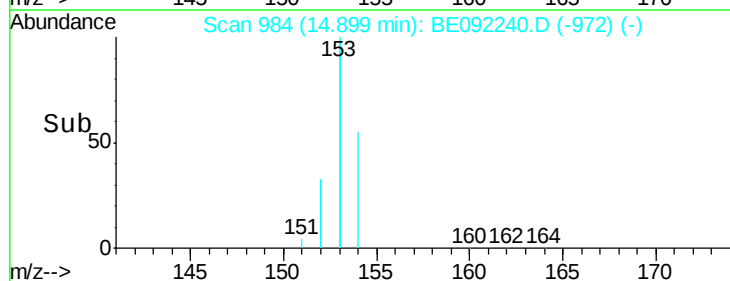
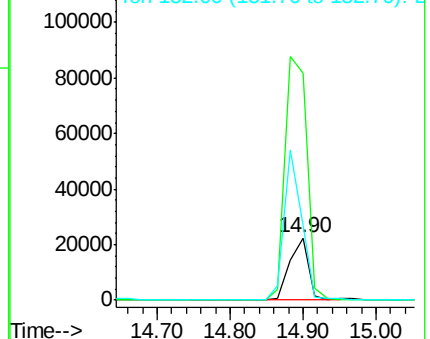
154 100

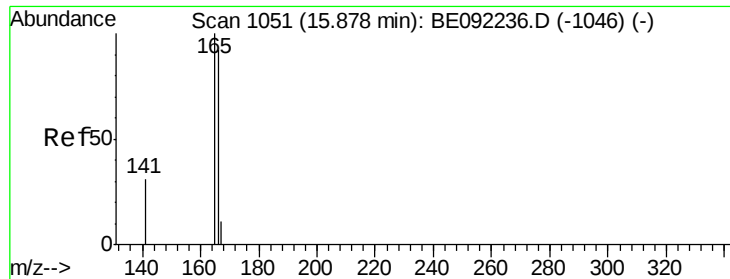
153 450.4 355.0 532.4

152 220.2 179.7 269.5



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 5.10 ng

RT: 15.88 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDICC005

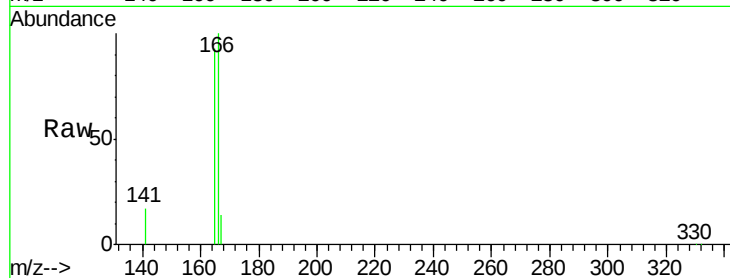
Tgt Ion:166 Resp: 51109

Ion Ratio Lower Upper

166 100

165 98.4 80.1 120.1

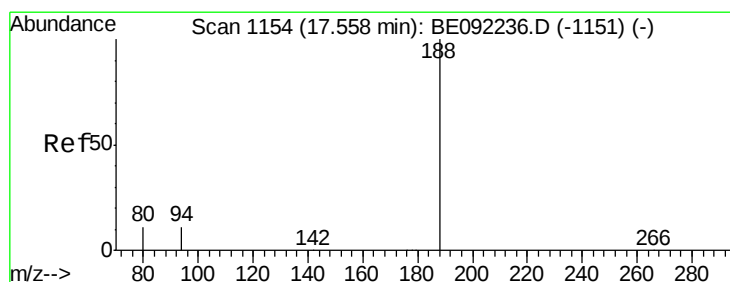
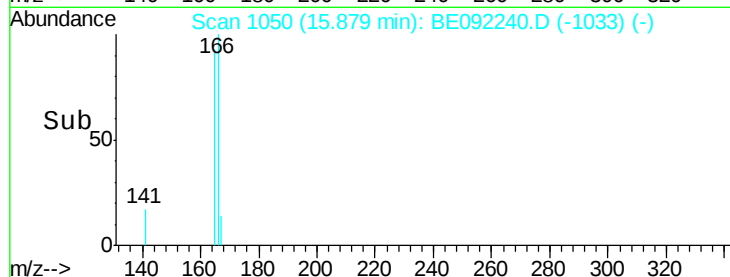
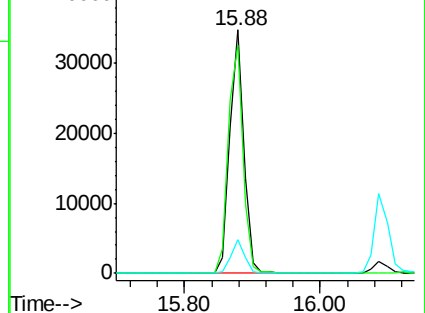
167 13.4 10.6 16.0



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: 17.56 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

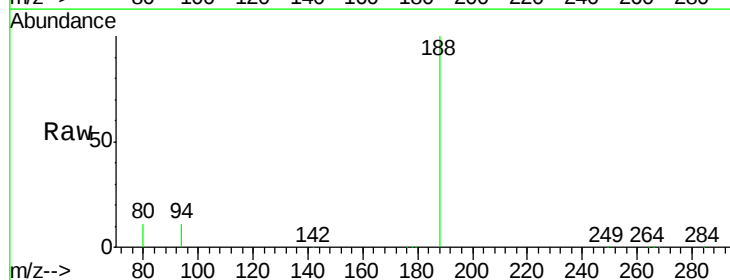
Tgt Ion:188 Resp: 67110

Ion Ratio Lower Upper

188 100

94 11.4 9.2 13.8

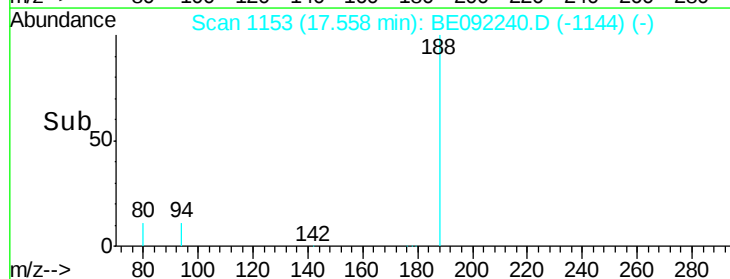
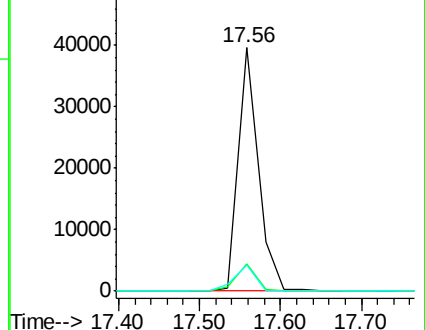
80 10.9 9.1 13.7

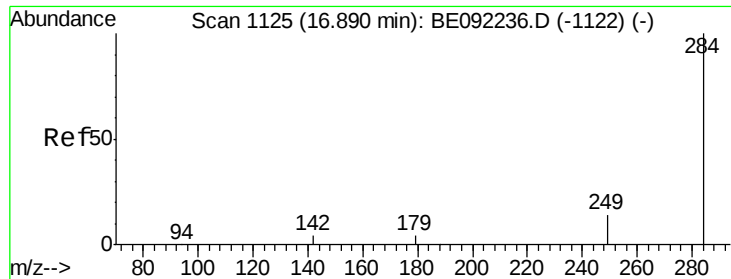


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

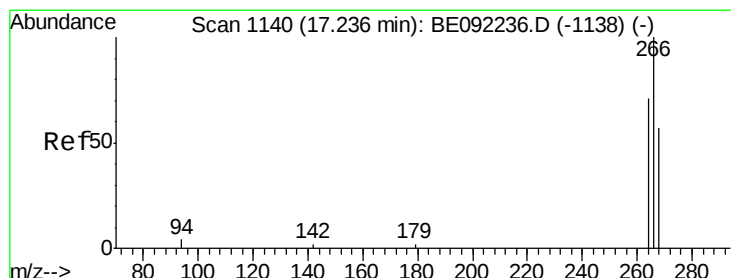
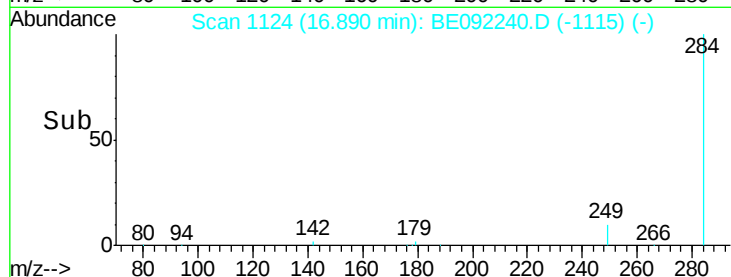
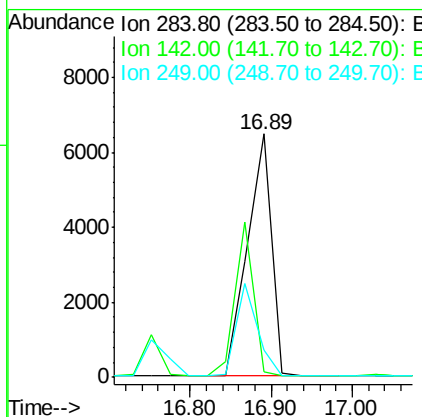
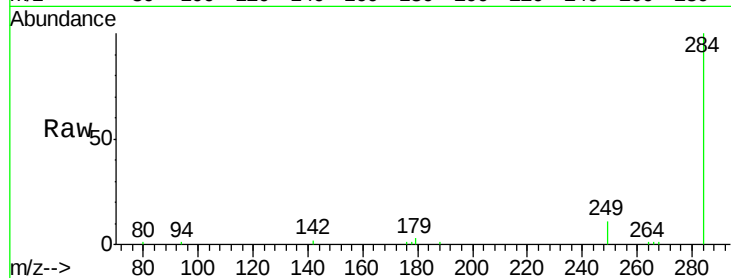




#19  
Hexachlorobenzene  
Concen: 4.97 ng  
RT: 16.89 min Scan# 1124  
Delta R.T. 0.00 min  
Lab File: BE092240.D  
Acq: 9 Aug 2016 22:26

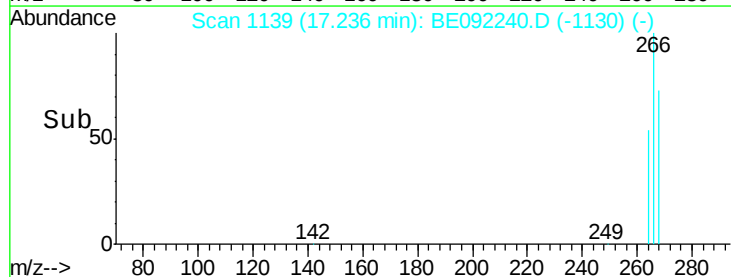
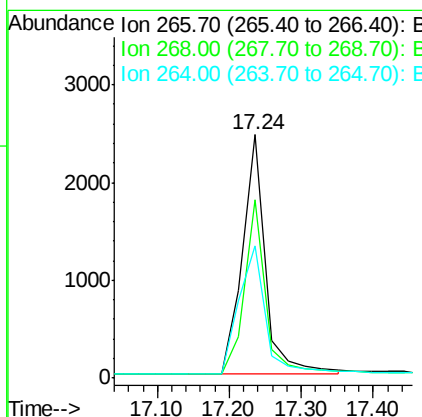
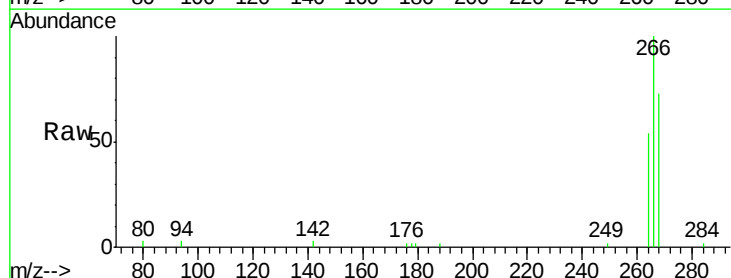
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC005

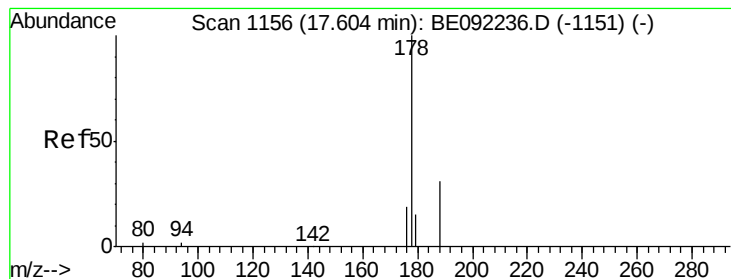
Tgt Ion: 284 Resp: 13249  
Ion Ratio Lower Upper  
284 100  
142 0.0 0.0 0.0  
249 0.0 0.0 0.0



#20  
Pentachlorophenol  
Concen: 7.69 ng  
RT: 17.24 min Scan# 1139  
Delta R.T. 0.00 min  
Lab File: BE092240.D  
Acq: 9 Aug 2016 22:26

Tgt Ion: 266 Resp: 5446  
Ion Ratio Lower Upper  
266 100  
268 73.3 62.3 93.5  
264 54.5 67.4 101.0#





#21

Phenanthrene

Concen: 5.16 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDIC005

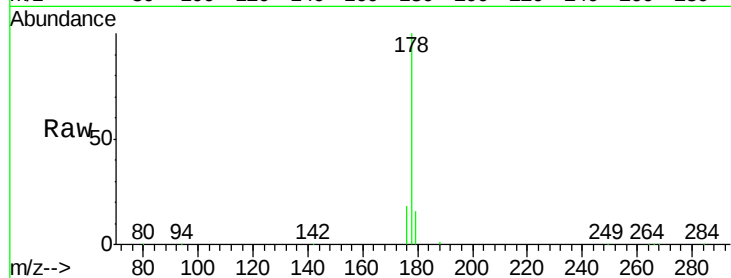
Tgt Ion:178 Resp: 89484

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

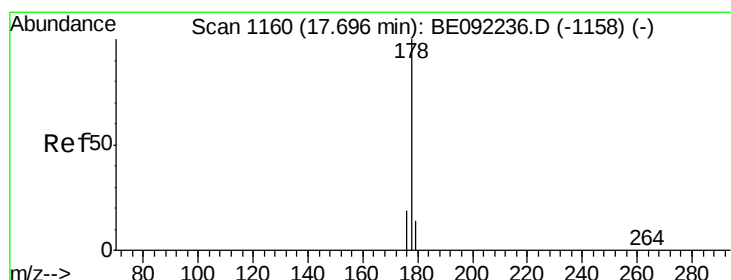
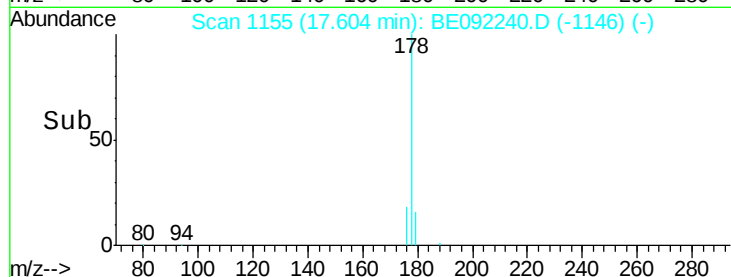
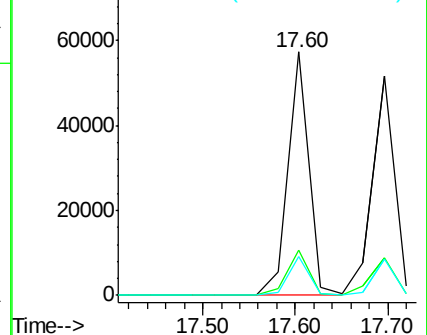
179 15.7 12.9 19.3



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: 5.43 ng

RT: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

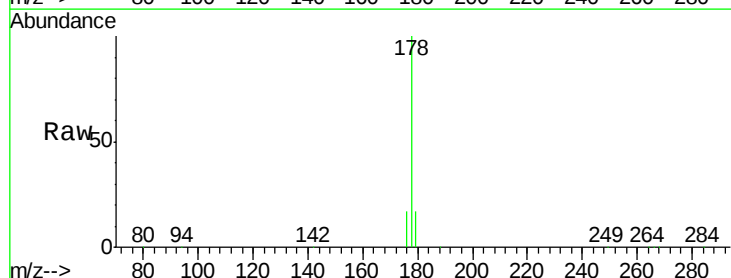
Tgt Ion:178 Resp: 85445

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

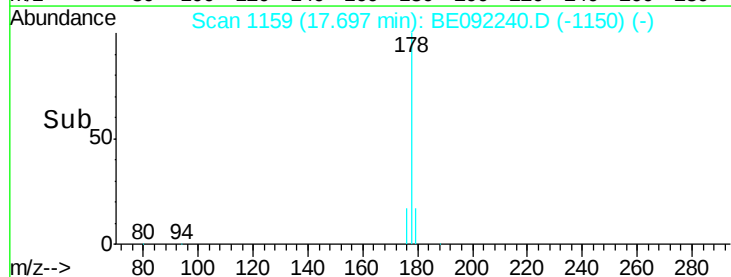
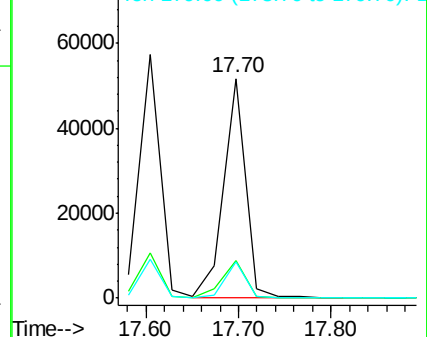
179 16.0 12.0 18.0

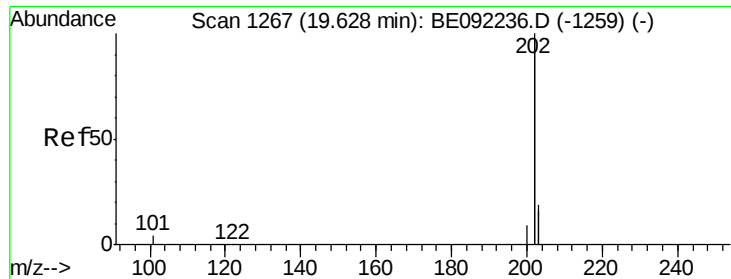


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 5.56 ng

RT: 19.61 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDIC005

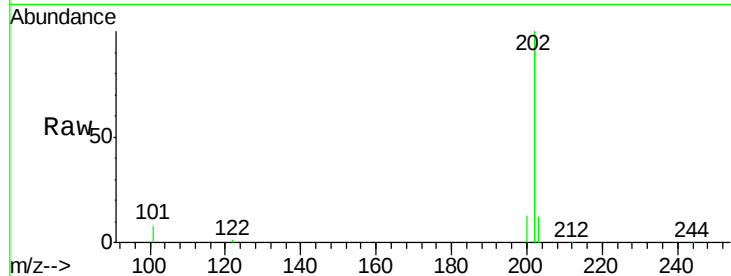
Tgt Ion:202 Resp: 383176

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

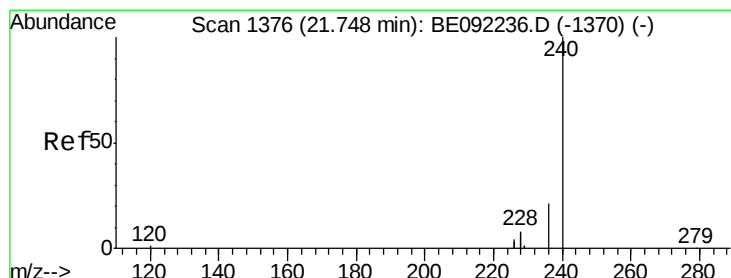
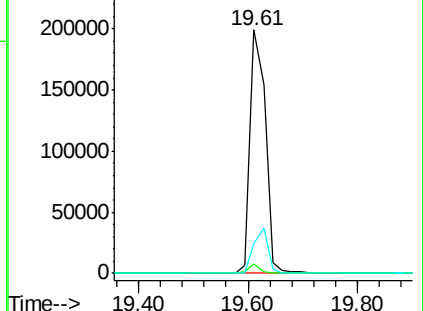
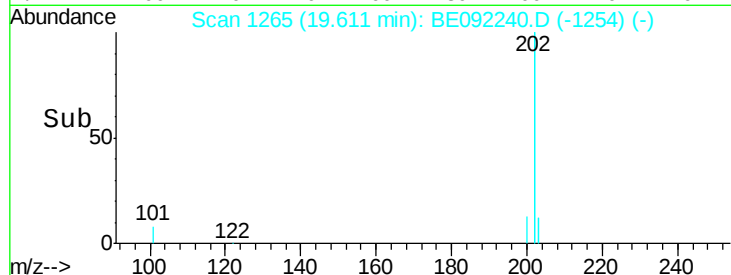
203 17.5 13.7 20.5



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: BE092240.D

Acq: 9 Aug 2016 22:26

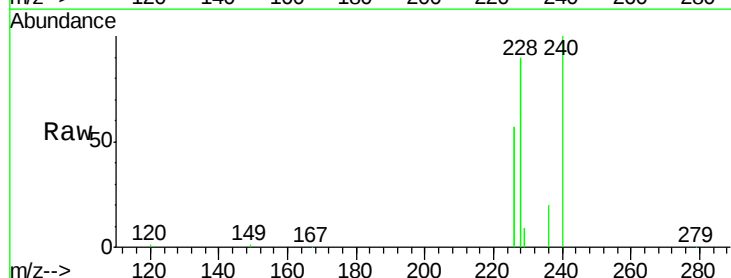
Tgt Ion:240 Resp: 65575

Ion Ratio Lower Upper

240 100

120 0.8 1.2 1.8#

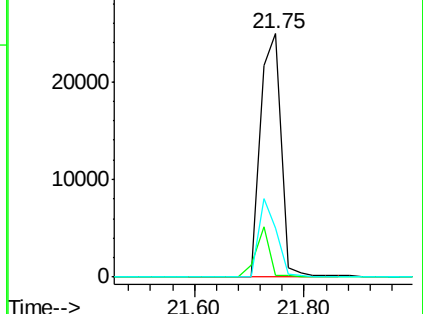
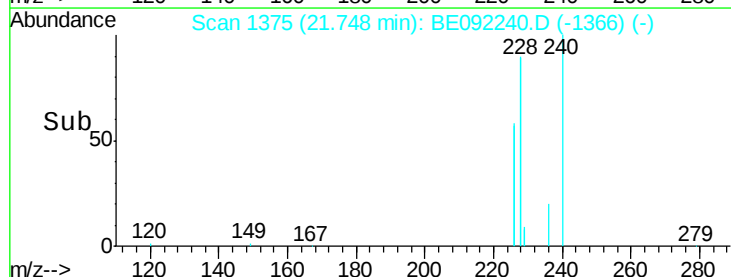
236 20.3 17.1 25.7

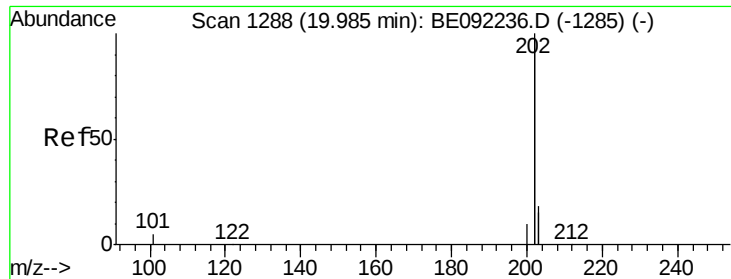


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

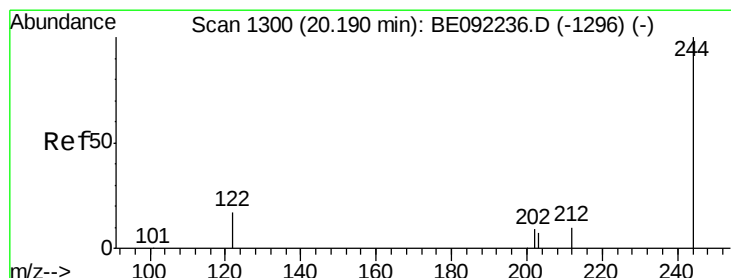
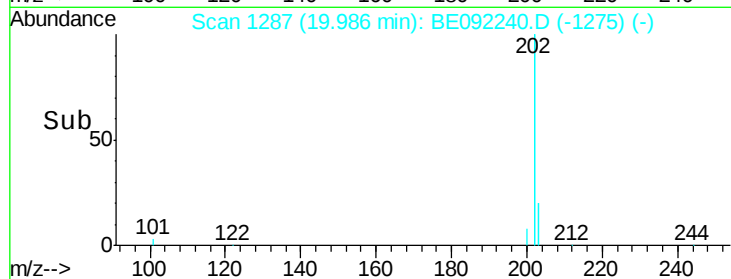
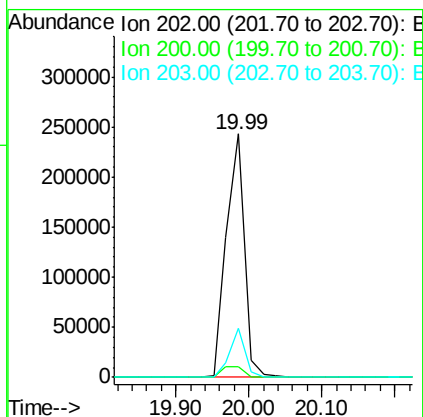
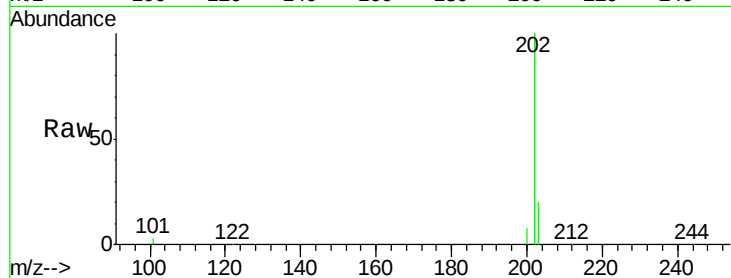




#25  
 Pyrene  
 Concen: 5.36 ng  
 RT: 19.99 min Scan# 1287  
 Delta R.T. 0.00 min  
 Lab File: BE092240.D  
 Acq: 9 Aug 2016 22:26

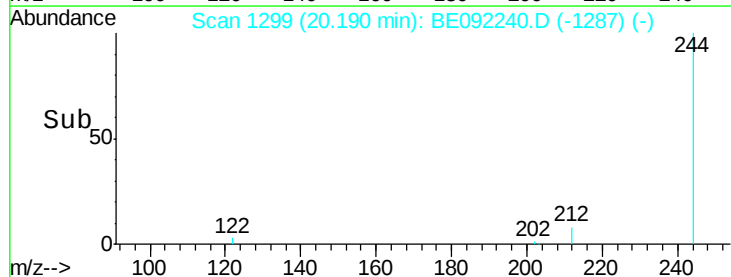
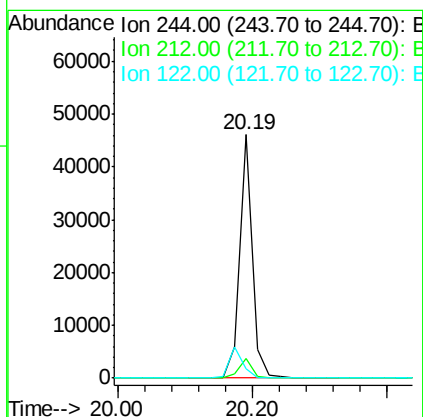
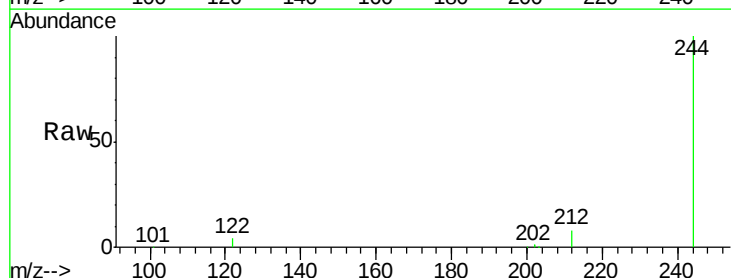
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC005

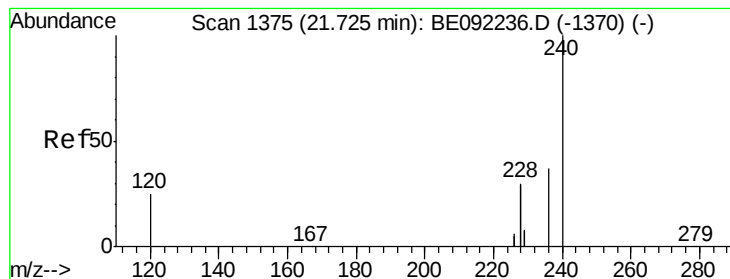
Tgt Ion: 202 Resp: 415689  
 Ion Ratio Lower Upper  
 202 100  
 200 5.3 4.2 6.4  
 203 17.3 14.0 21.0



#26  
 Terphenyl-d14  
 Concen: 5.38 ng  
 RT: 20.19 min Scan# 1299  
 Delta R.T. 0.00 min  
 Lab File: BE092240.D  
 Acq: 9 Aug 2016 22:26

Tgt Ion: 244 Resp: 59650  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 10.2 15.2#  
 122 3.6 15.9 23.9#





#27

Benzo(a)anthracene

Concen: 5.24 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDIC005

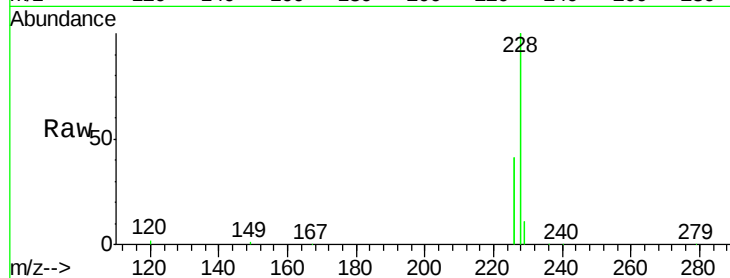
Tgt Ion:228 Resp: 412862

Ion Ratio Lower Upper

228 100

226 41.3 15.9 23.9#

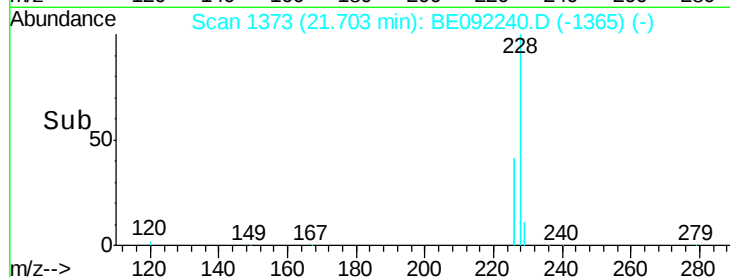
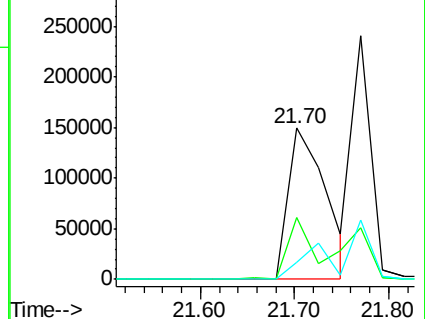
229 10.9 22.4 33.6#



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



#28

Chrysene

Concen: 5.66 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

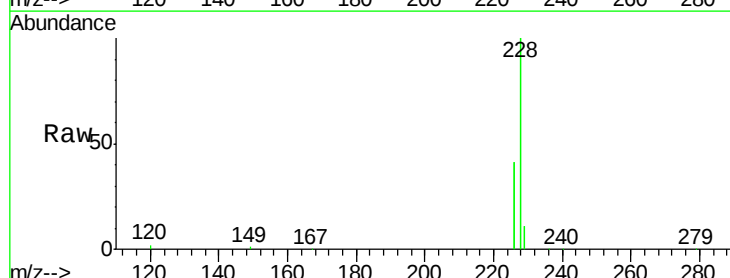
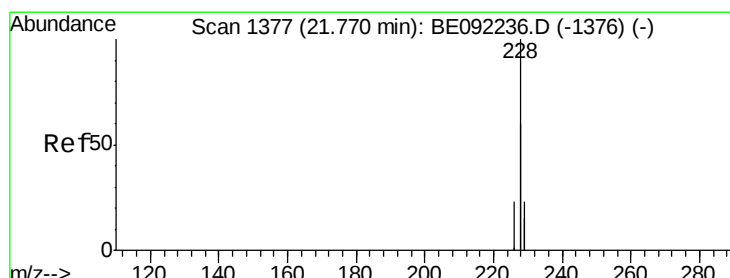
Tgt Ion:228 Resp: 412883

Ion Ratio Lower Upper

228 100

226 41.3 18.3 27.5#

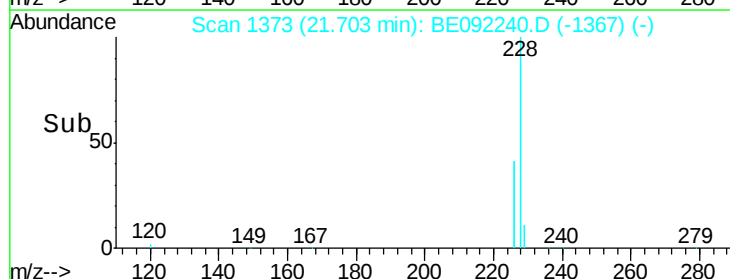
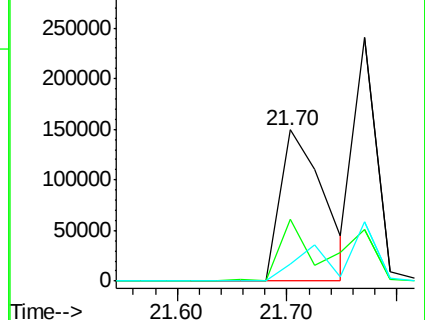
229 10.9 18.6 27.8#

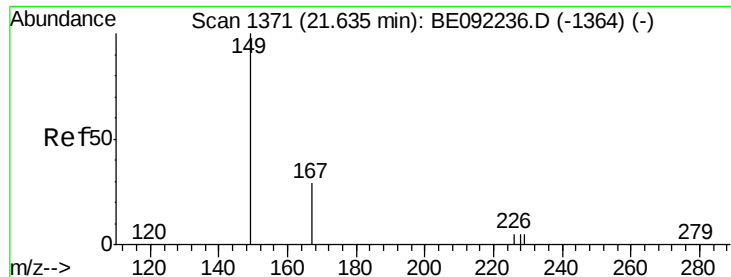


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 6.42 ng

RT: 21.64 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDIC005

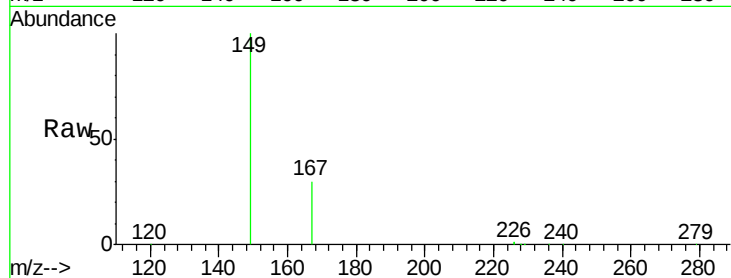
Tgt Ion:149 Resp: 64864

Ion Ratio Lower Upper

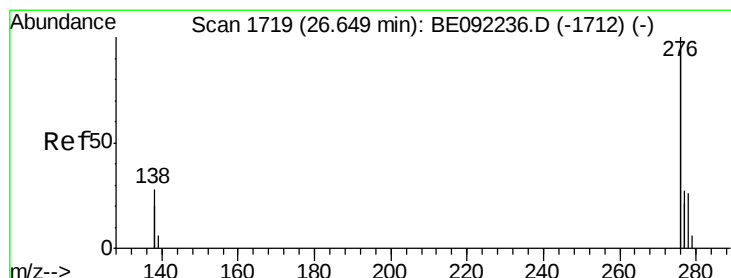
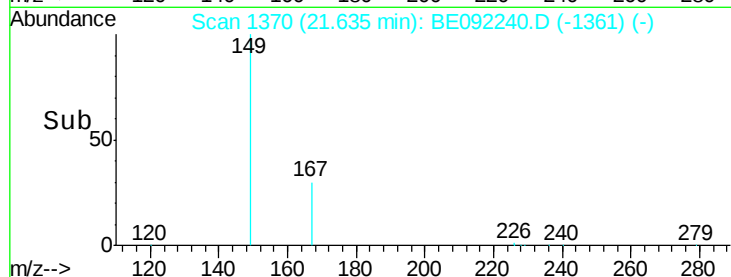
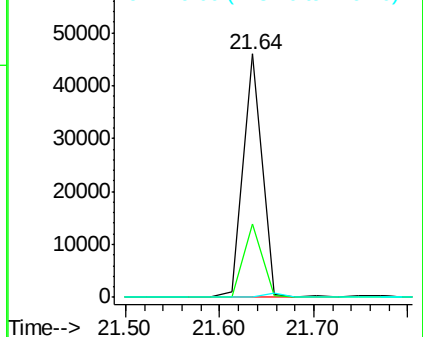
149 100

167 29.7 22.1 33.1

279 0.0 0.0 0.0



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: 5.51 ng

RT: 26.63 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

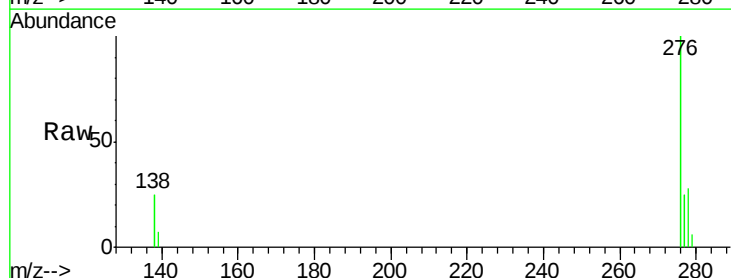
Tgt Ion:276 Resp: 431776

Ion Ratio Lower Upper

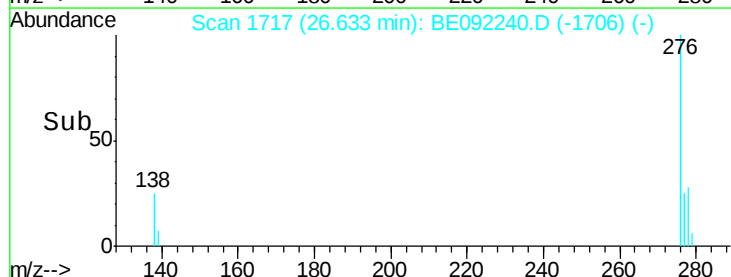
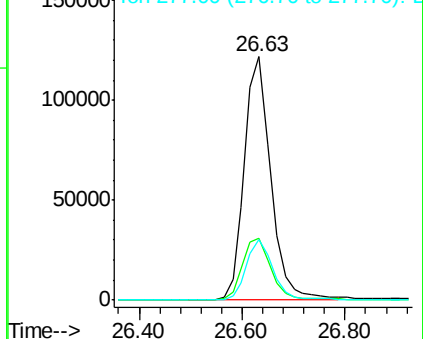
276 100

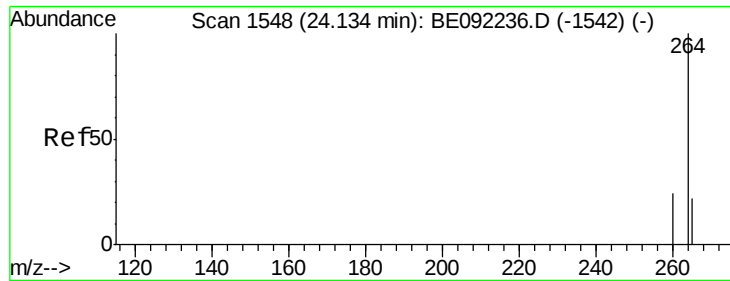
138 27.1 21.3 31.9

277 24.8 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

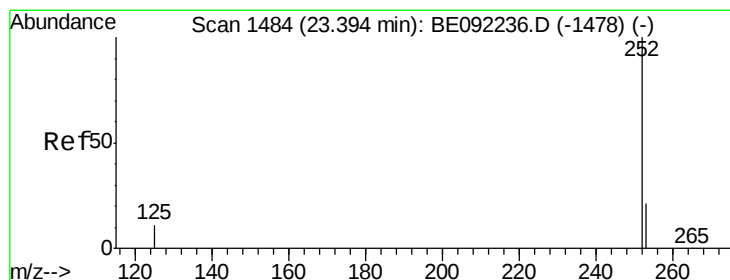
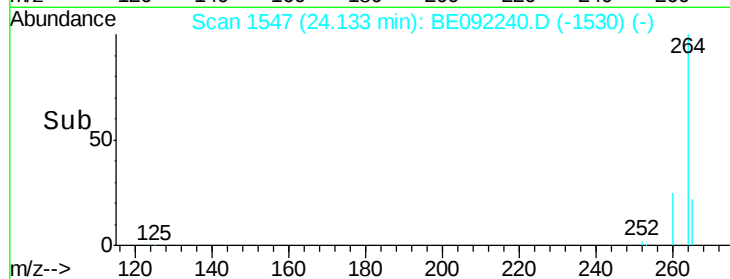
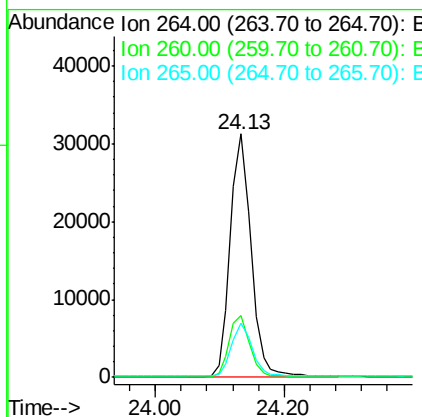
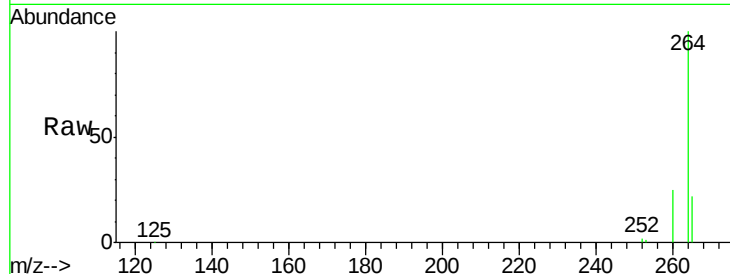




#31  
**Perylene-d12**  
 Concen: 5.00 ng  
 RT: 24.13 min Scan# 1547  
 Delta R.T. -0.00 min  
 Lab File: BE092240.D  
 Acq: 9 Aug 2016 22:26

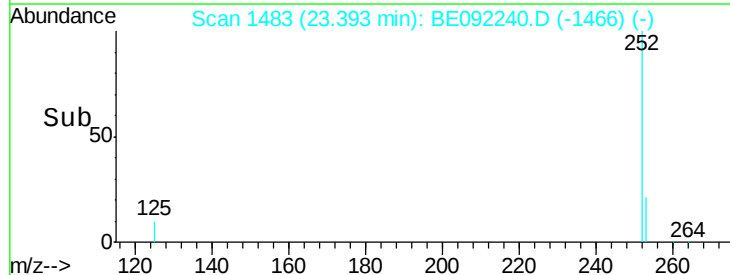
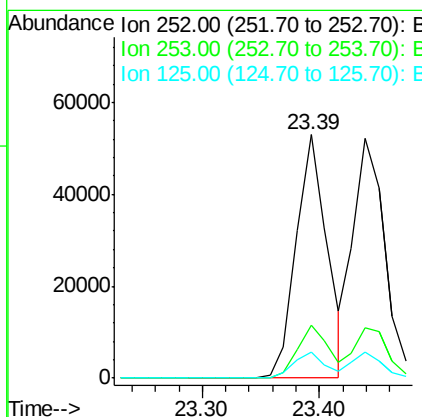
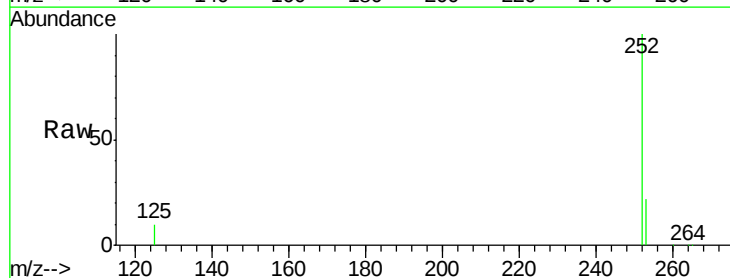
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC005

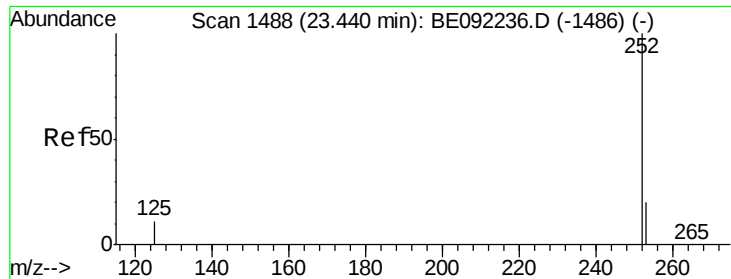
Tgt Ion: 264 Resp: 70069  
 Ion Ratio Lower Upper  
 264 100  
 260 25.2 19.5 29.3  
 265 22.4 18.2 27.4



#32  
**Benzo(b)fluoranthene**  
 Concen: 5.26 ng  
 RT: 23.39 min Scan# 1483  
 Delta R.T. -0.00 min  
 Lab File: BE092240.D  
 Acq: 9 Aug 2016 22:26

Tgt Ion: 252 Resp: 96720  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 19.0 28.4  
 125 10.5 10.3 15.5





#33

Benzo(k)fluoranthene

Concen: 5.18 ng

RT: 23.44 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

Instrument :

BNA\_E

ClientSampleId :

SSTDIC005

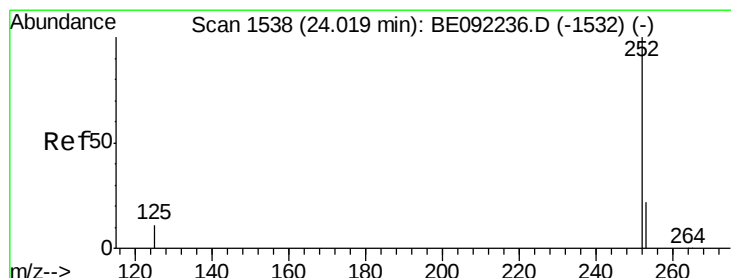
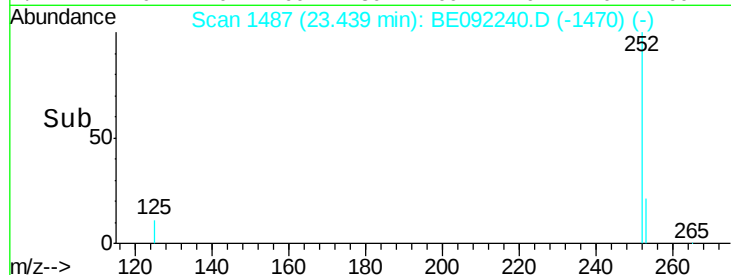
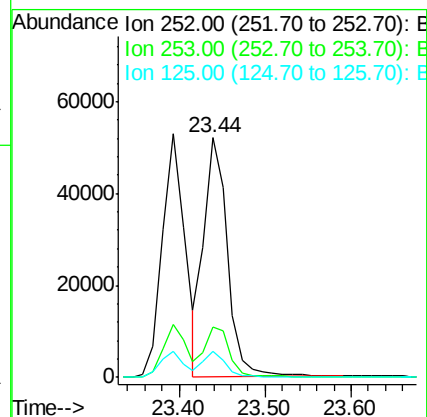
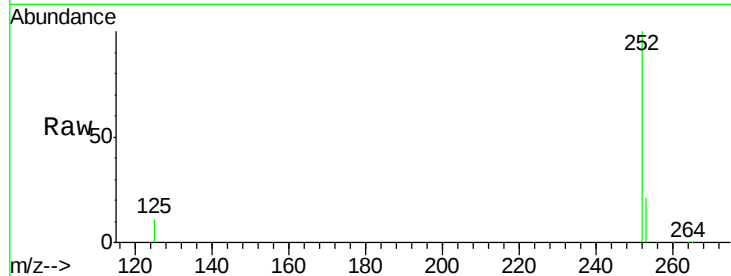
Tgt Ion:252 Resp: 98586

Ion Ratio Lower Upper

252 100

253 21.2 19.0 28.6

125 10.8 10.6 15.8



#34

Benzo(a)pyrene

Concen: 5.41 ng

RT: 24.02 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE092240.D

Acq: 9 Aug 2016 22:26

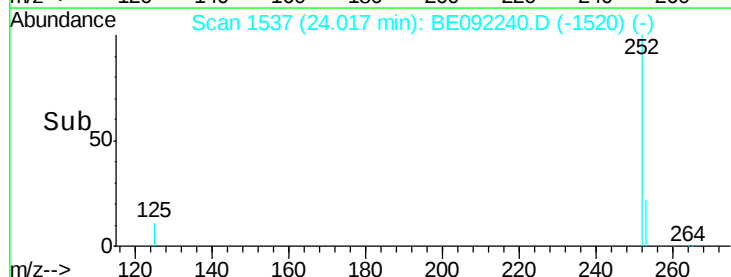
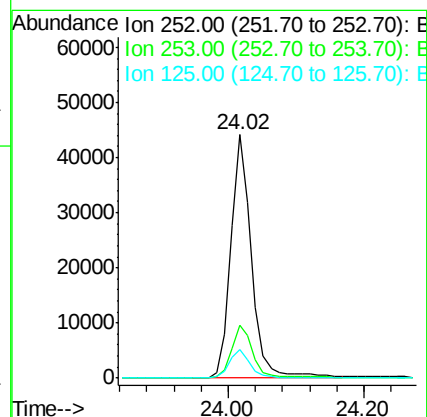
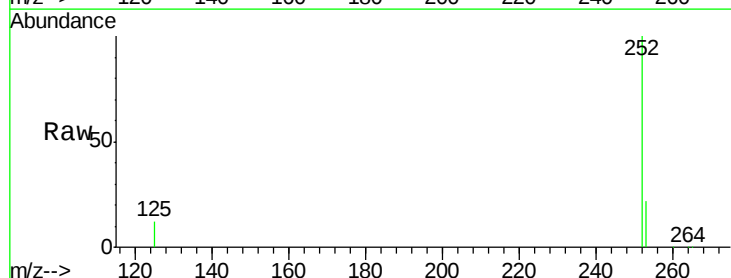
Tgt Ion:252 Resp: 93807

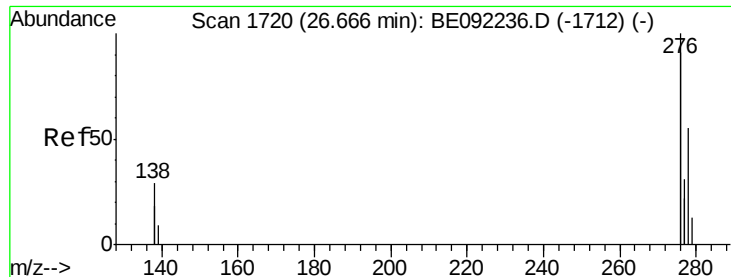
Ion Ratio Lower Upper

252 100

253 21.7 20.3 30.5

125 11.6 11.8 17.6#

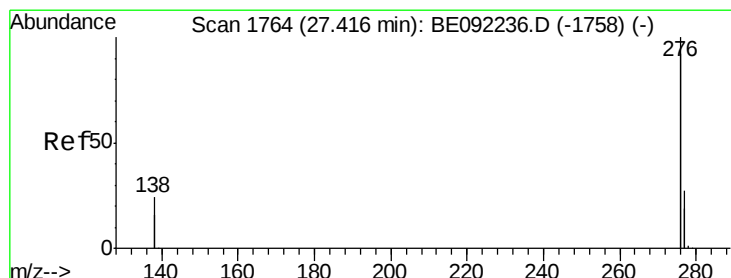
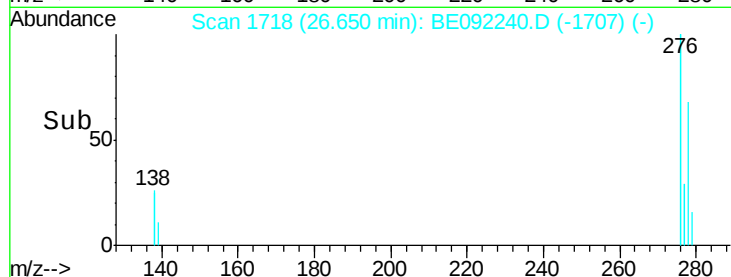
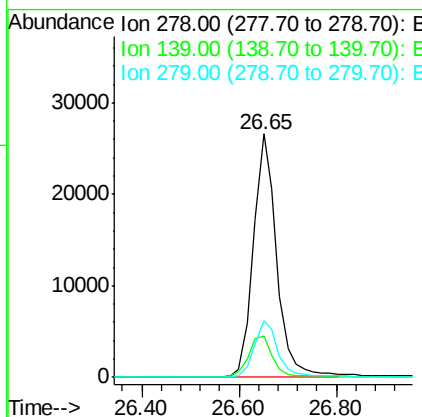
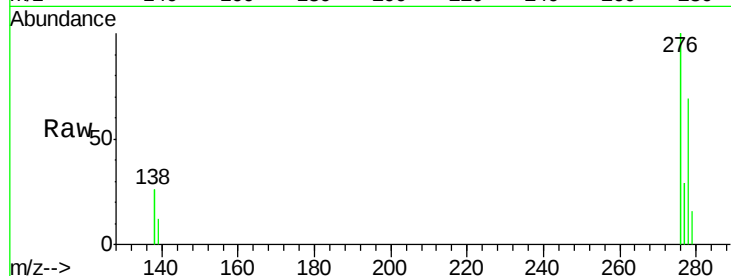




#35  
Dibenzo(a,h)anthracene  
Concen: 5.51 ng  
RT: 26.65 min Scan# 1718  
Delta R.T. -0.02 min  
Lab File: BE092240.D  
Acq: 9 Aug 2016 22:26

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC005

Tgt Ion: 278 Resp: 88900  
Ion Ratio Lower Upper  
278 100  
139 16.8 16.2 24.2  
279 23.1 21.4 32.2



#36  
Benzo(g,h,i)perylene  
Concen: 5.23 ng  
RT: 27.40 min Scan# 1762  
Delta R.T. -0.02 min  
Lab File: BE092240.D  
Acq: 9 Aug 2016 22:26

Tgt Ion: 276 Resp: 363387  
Ion Ratio Lower Upper  
276 100  
277 23.4 21.4 32.2  
138 22.6 19.4 29.2

