

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE071615\  
 Data File : BE090127.D  
 Acq On : 16 Jul 2015 20:19  
 Operator : TP/IZ  
 Sample : SSTDICC0.5  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

Quant Time: Jul 17 00:02:13 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE071615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 23:54:34 2015  
 Response via : Initial Calibration

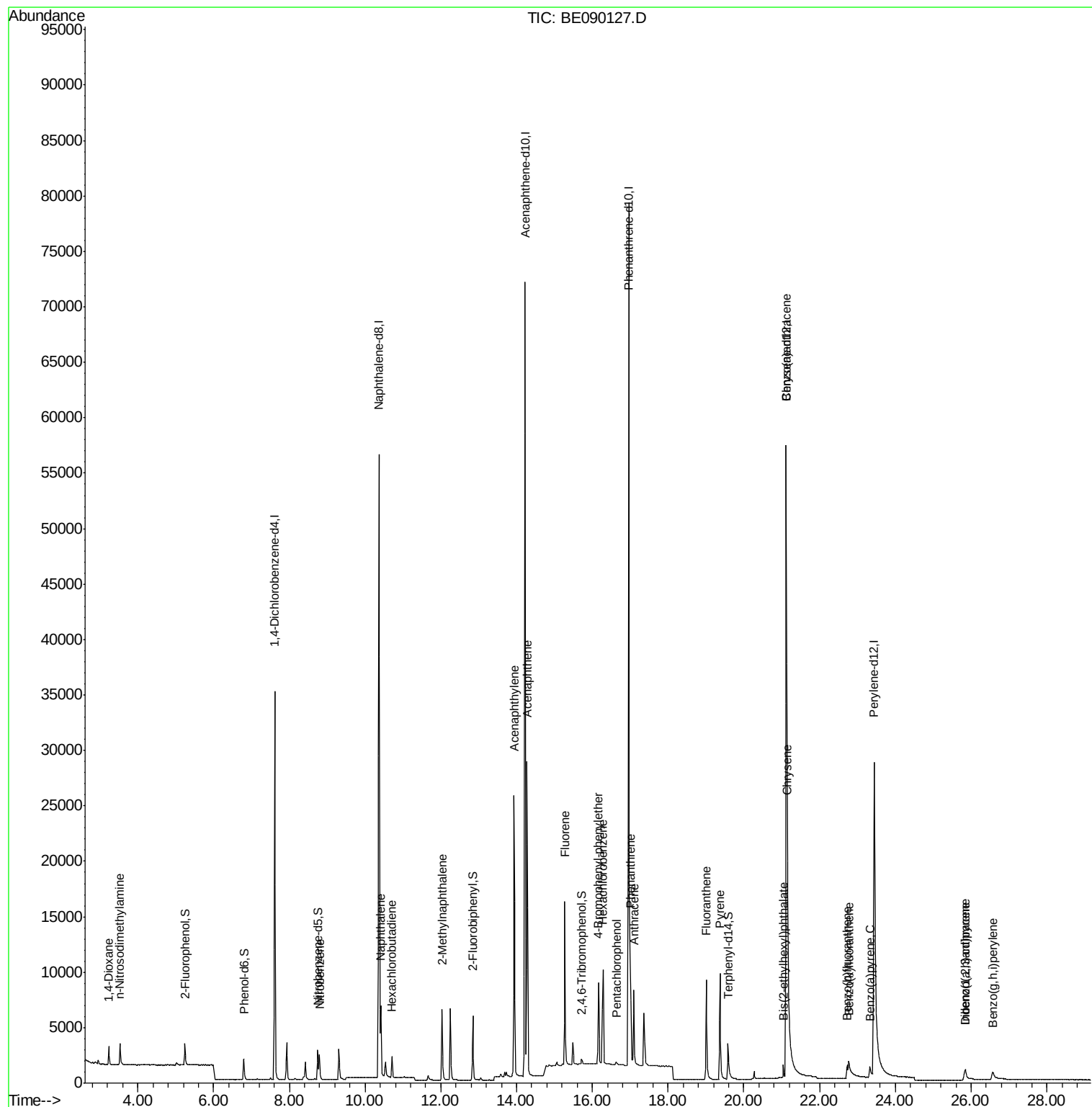
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.61  | 152  | 17389    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.37 | 136  | 75217    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.22 | 164  | 42526    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 16.96 | 188  | 96219    | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.13 | 240  | 87910    | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.44 | 264  | 64243    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.24  | 112  | 1720     | 0.46 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.80  | 99   | 2412     | 0.44 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.75  | 82   | 2588     | 0.49 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.73 | 330  | 284      | 0.34 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.85 | 172  | 6102     | 0.47 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.59 | 244  | 6842     | 0.48 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.24  | 88   | 1109     | 0.44 | ng    | 96       |
| 3) n-Nitrosodimethylamine      | 3.53  | 42   | 1303     | 0.46 | ng    | 97       |
| 8) Nitrobenzene                | 8.79  | 77   | 2709     | 0.49 | ng    | 99       |
| 9) Naphthalene                 | 10.42 | 128  | 8057     | 0.50 | ng    | 100      |
| 10) Hexachlorobutadiene        | 10.71 | 225  | 1363     | 0.51 | ng    | 99       |
| 11) 2-Methylnaphthalene        | 12.03 | 142  | 5144     | 0.49 | ng    | 99       |
| 15) Acenaphthylene             | 13.93 | 152  | 34993    | 0.48 | ng    | 100      |
| 16) Acenaphthene               | 14.28 | 154  | 5050     | 0.48 | ng    | 98       |
| 17) Fluorene                   | 15.27 | 166  | 6520     | 0.48 | ng    | 99       |
| 19) 4-Bromophenyl-phenylether  | 16.16 | 248  | 1894     | 0.48 | ng    | 95       |
| 20) Hexachlorobenzene          | 16.28 | 284  | 8242     | 0.49 | ng    | 96       |
| 21) Pentachlorophenol          | 16.63 | 266  | 216      | 0.22 | ng    | 95       |
| 22) Phenanthrene               | 17.00 | 178  | 11341    | 0.50 | ng    | 99       |
| 23) Anthracene                 | 17.10 | 178  | 9828     | 0.48 | ng    | 100      |
| 24) Fluoranthene               | 19.01 | 202  | 10887    | 0.46 | ng    | 100      |
| 26) Pyrene                     | 19.37 | 202  | 11202    | 0.54 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.11 | 228  | 6228     | 0.33 | ng    | 98       |
| 29) Chrysene                   | 21.15 | 228  | 12199    | 0.55 | ng    | 99       |
| 30) Bis(2-ethylhexyl)phthalate | 21.05 | 149  | 1240     | 0.27 | ng    | # 98     |
| 31) Indeno(1,2,3-cd)pyrene     | 25.83 | 276  | 2016     | 0.13 | ng    | 98       |
| 33) Benzo(b)fluoranthene       | 22.73 | 252  | 1933m    | 0.15 | ng    |          |
| 34) Benzo(k)fluoranthene       | 22.77 | 252  | 5271m    | 0.34 | ng    |          |
| 35) Benzo(a)pyrene             | 23.33 | 252  | 2238     | 0.19 | ng    | 96       |
| 36) Dibenzo(a,h)anthracene     | 25.85 | 278  | 1231     | 0.11 | ng    | # 91     |
| 37) Benzo(g,h,i)perylene       | 26.57 | 276  | 2362     | 0.20 | ng    | 98       |

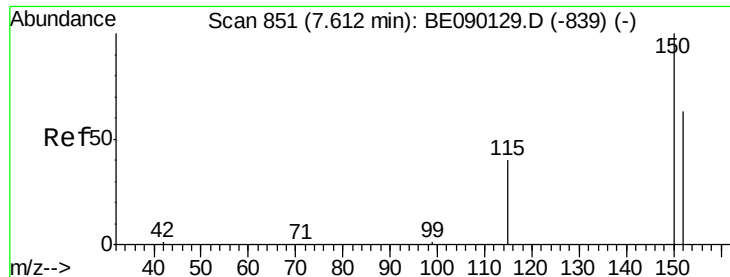
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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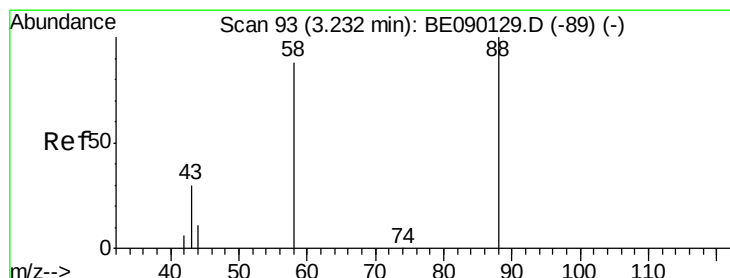
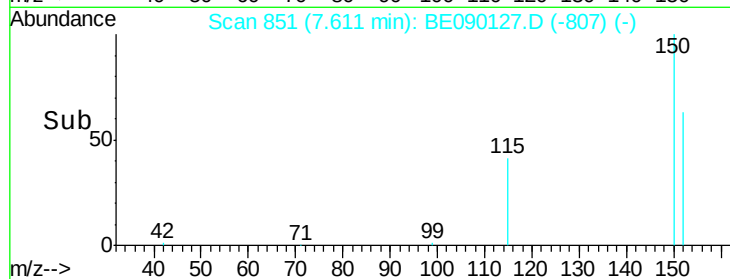
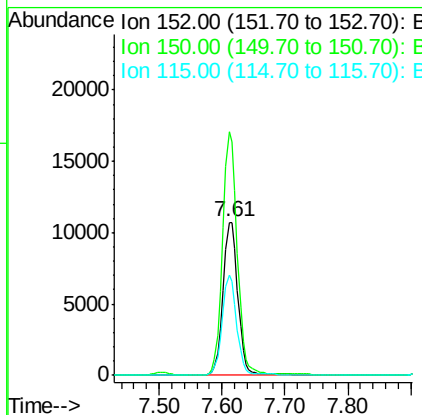
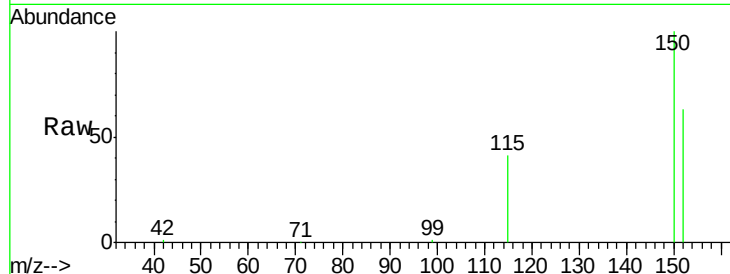


#1

1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.61 min Scan# 851  
Delta R.T. -0.00 min  
Lab File: BE090127.D  
Acq: 16 Jul 2015 20:19

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

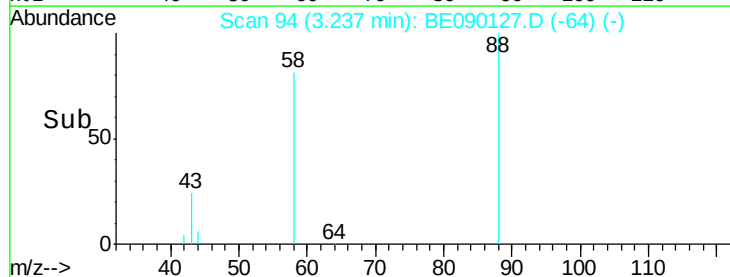
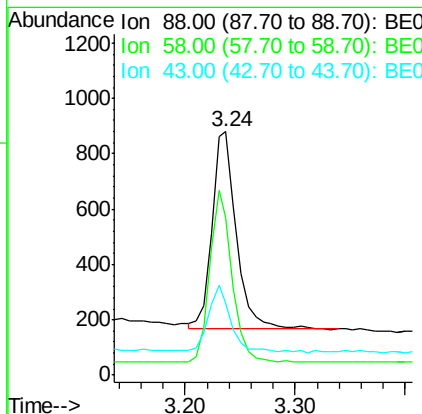
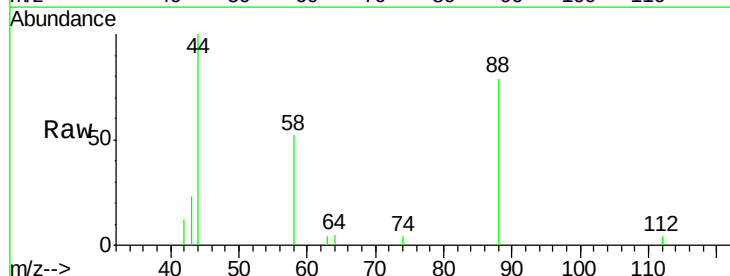
Tgt Ion:152 Resp: 17389  
Ion Ratio Lower Upper  
152 100  
150 159.3 127.3 190.9  
115 65.6 51.0 76.4

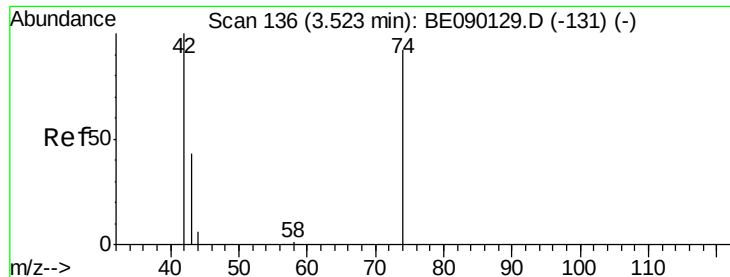


#2

1,4-Dioxane  
Concen: 0.44 ng  
RT: 3.24 min Scan# 94  
Delta R.T. 0.01 min  
Lab File: BE090127.D  
Acq: 16 Jul 2015 20:19

Tgt Ion: 88 Resp: 1109  
Ion Ratio Lower Upper  
88 100  
58 80.2 67.0 100.4  
43 31.1 26.0 39.0





#3

n-Nitrosodimethylamine

Concen: 0.46 ng

RT: 3.53 min Scan# 137

Delta R.T. 0.01 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

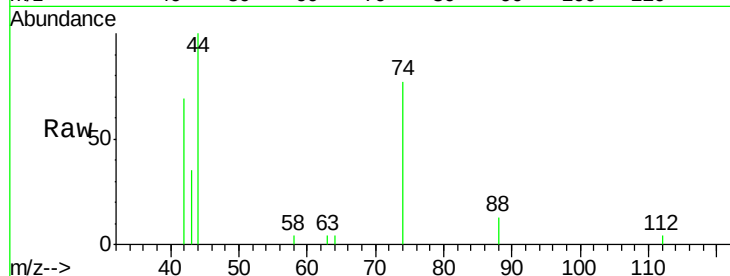
Tgt Ion: 42 Resp: 1303

Ion Ratio Lower Upper

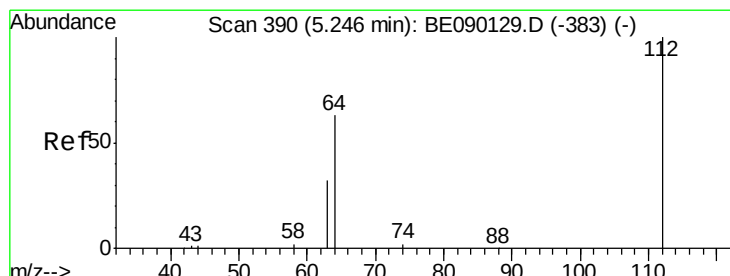
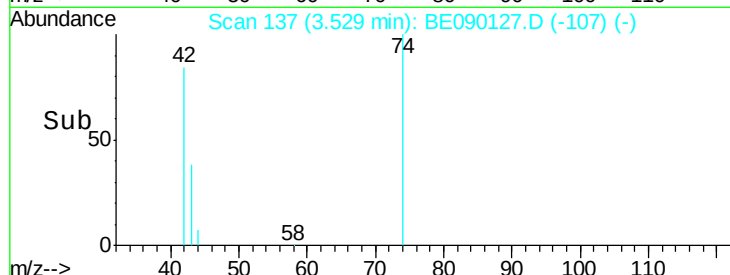
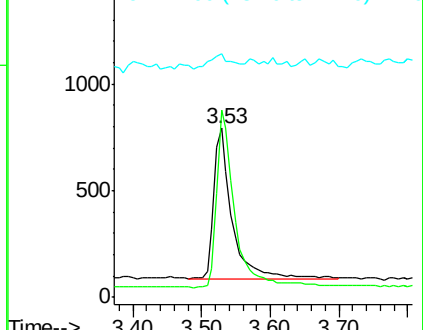
42 100

74 116.8 91.0 136.6

44 11.9 9.2 13.8



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: 5.24 min Scan# 390

Delta R.T. -0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

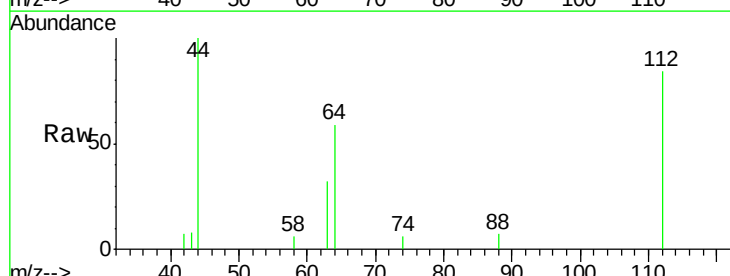
Tgt Ion: 112 Resp: 1720

Ion Ratio Lower Upper

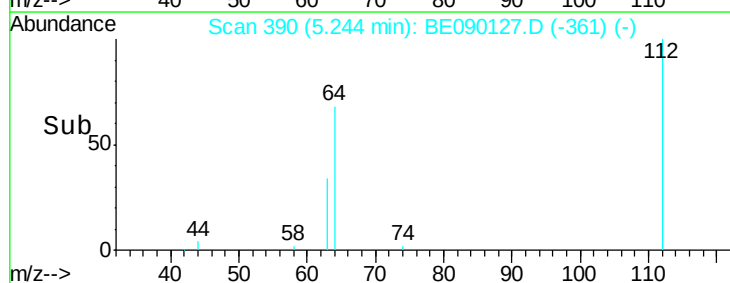
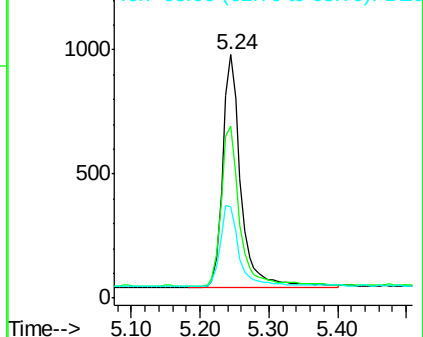
112 100

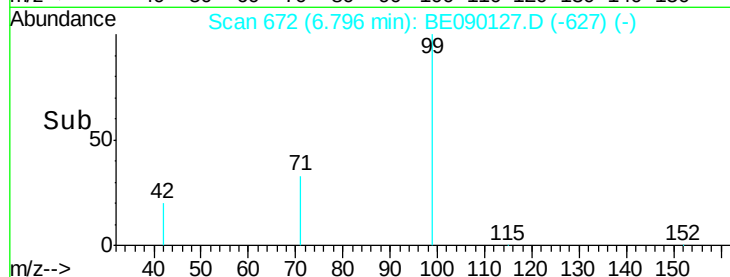
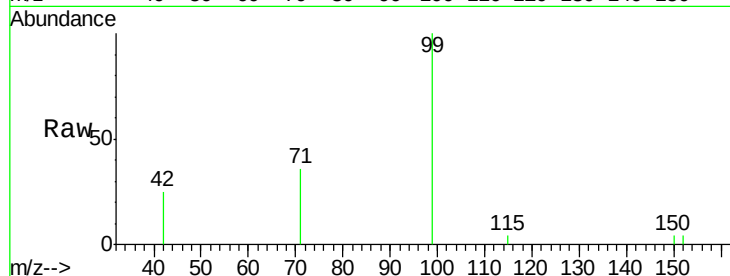
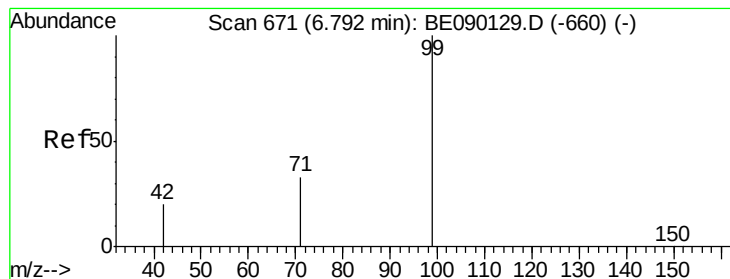
64 70.2 55.4 83.2

63 35.2 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BE0  
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.44 ng

RT: 6.80 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

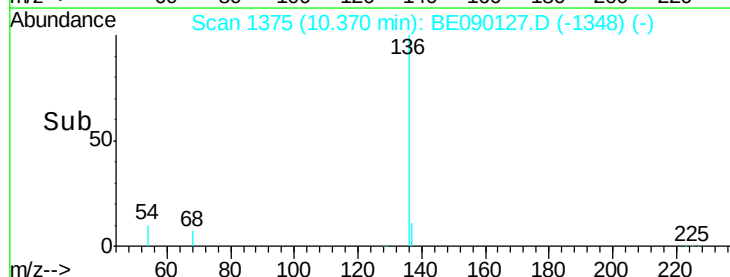
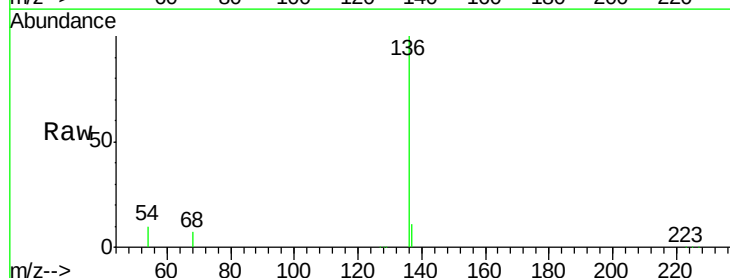
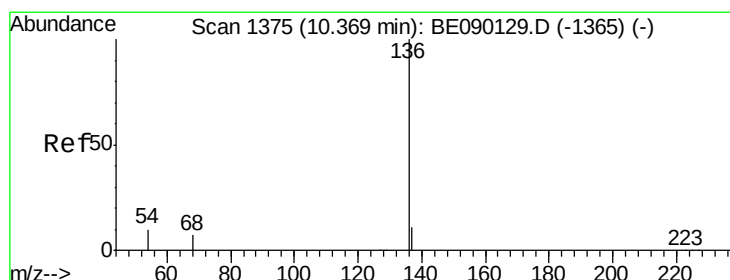
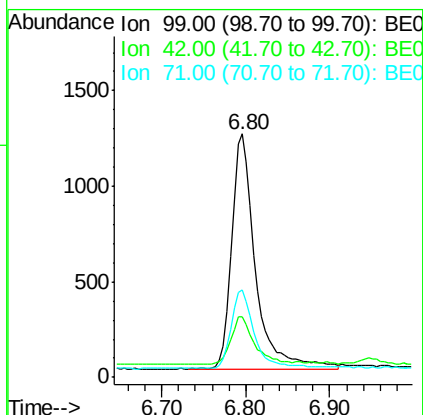
Tgt Ion: 99 Resp: 2412

Ion Ratio Lower Upper

99 100

42 20.7 16.8 25.2

71 33.4 26.6 39.8



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.37 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Tgt Ion: 136 Resp: 75217

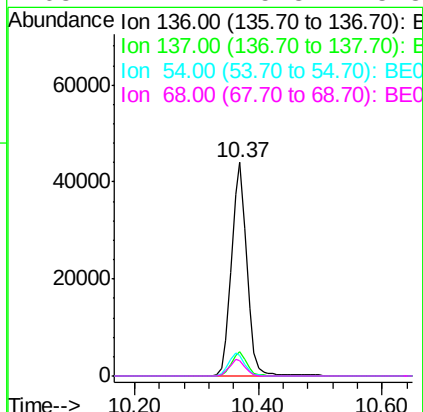
Ion Ratio Lower Upper

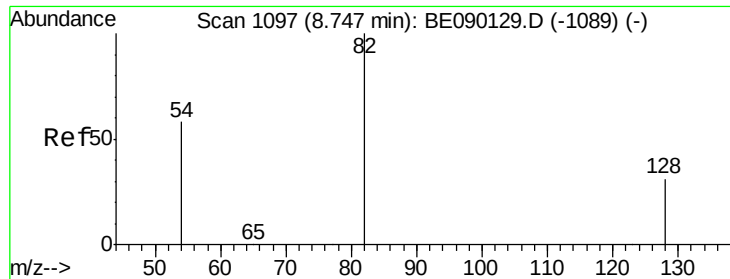
136 100

137 11.2 8.9 13.3

54 9.8 7.8 11.8

68 7.1 5.8 8.8





#7

Nitrobenzene-d5

Concen: 0.49 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

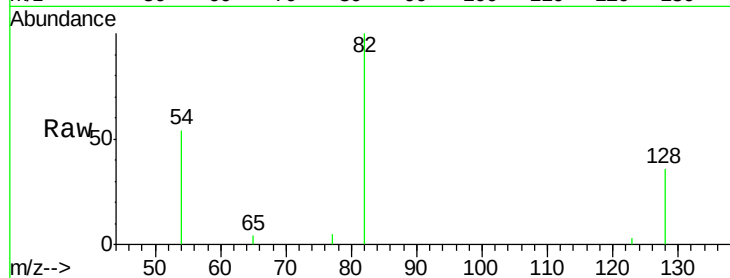
Tgt Ion: 82 Resp: 2588

Ion Ratio Lower Upper

82 100

128 36.0 26.2 39.2

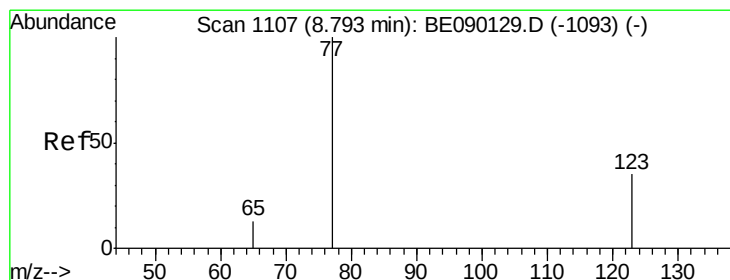
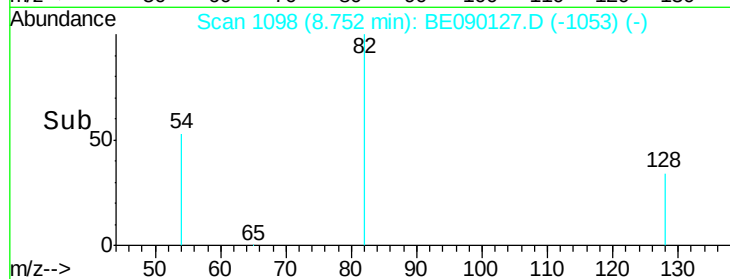
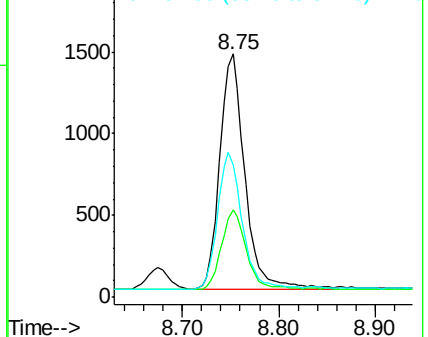
54 54.3 47.1 70.7



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.49 ng

RT: 8.79 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

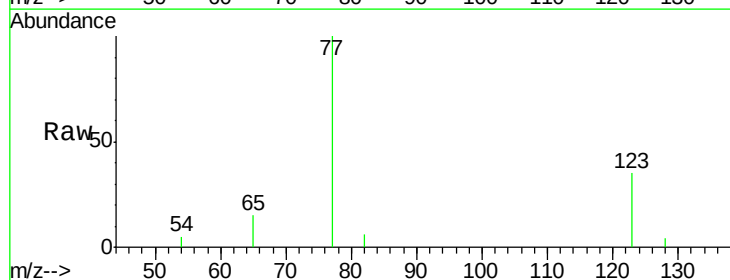
Tgt Ion: 77 Resp: 2709

Ion Ratio Lower Upper

77 100

123 35.0 28.5 42.7

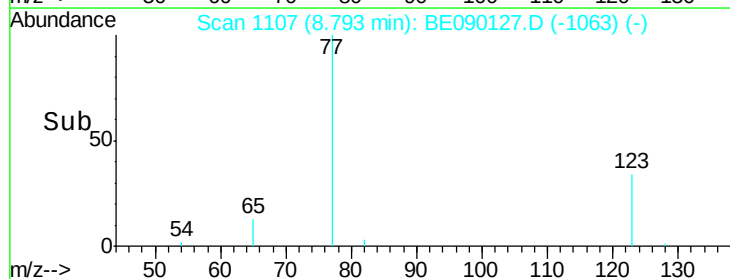
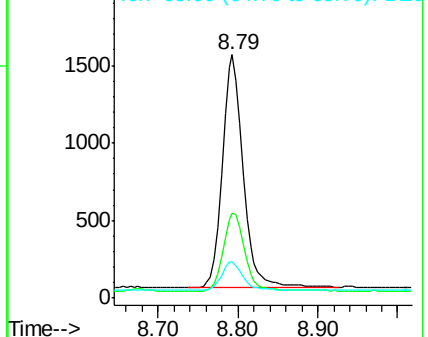
65 12.6 10.2 15.2

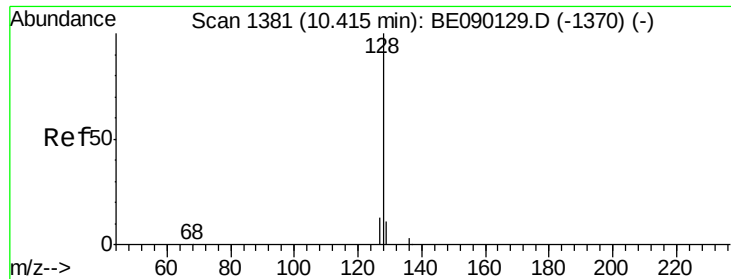


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.50 ng

RT: 10.42 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

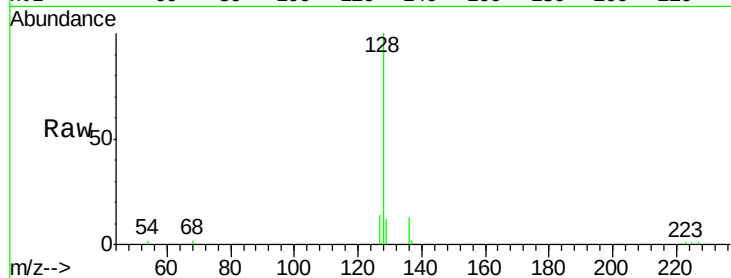
Tgt Ion:128 Resp: 8057

Ion Ratio Lower Upper

128 100

129 11.8 9.2 13.8

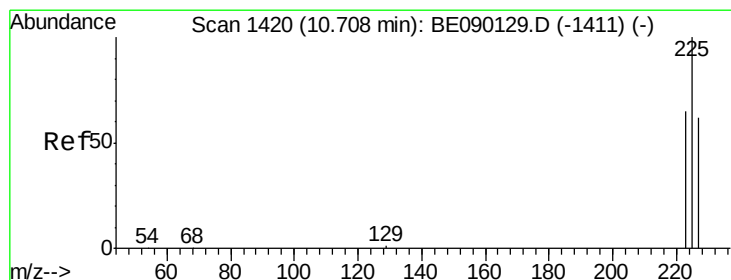
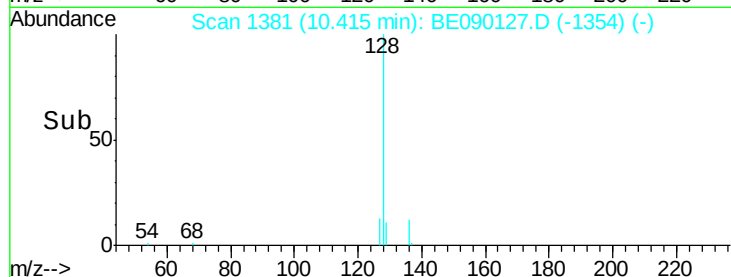
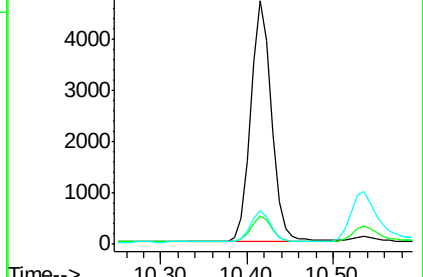
127 13.6 10.8 16.2



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: 0.51 ng

RT: 10.71 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

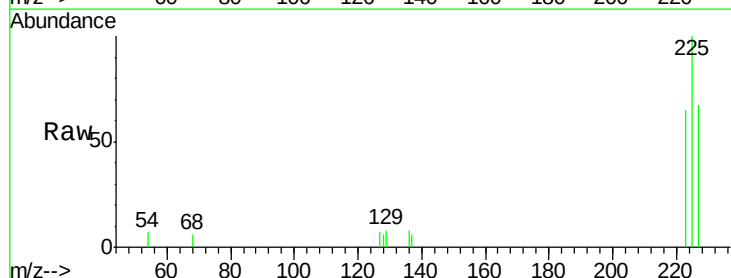
Tgt Ion:225 Resp: 1363

Ion Ratio Lower Upper

225 100

223 62.9 50.2 75.2

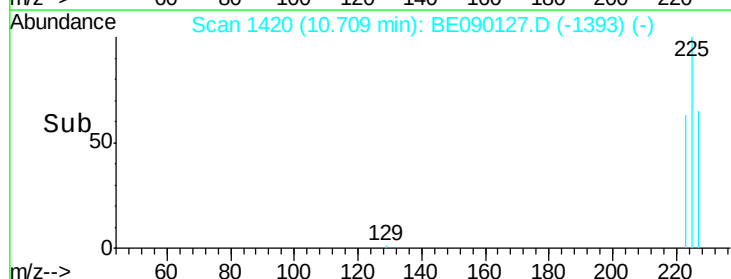
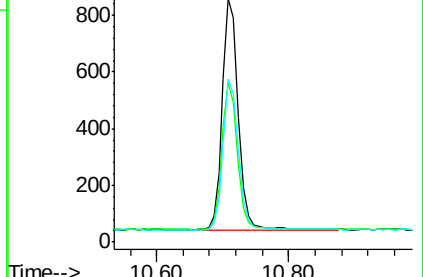
227 63.2 51.3 76.9

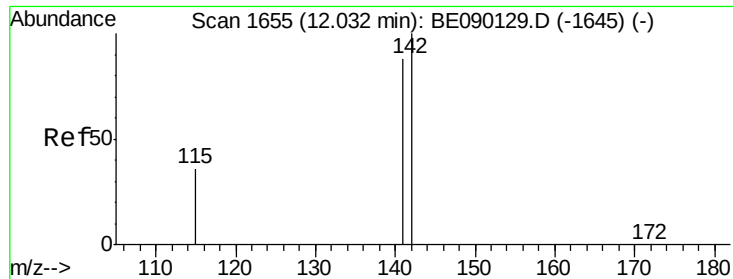


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

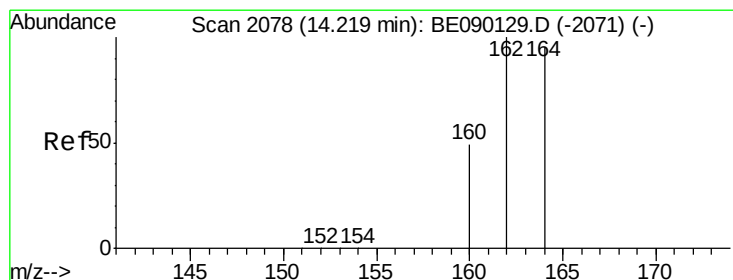
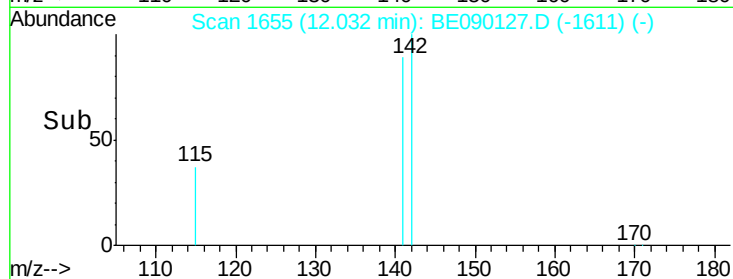
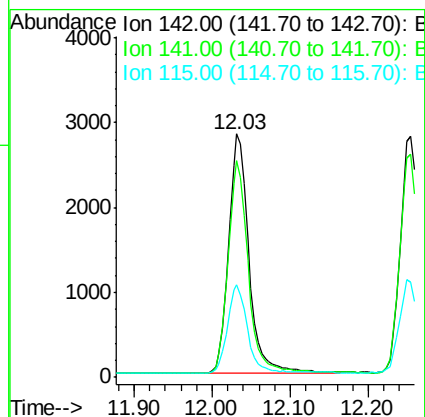
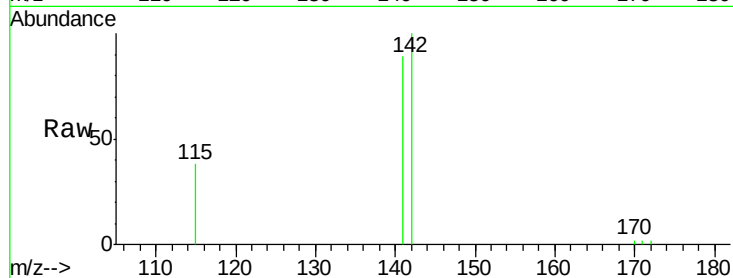




#11  
2-Methylnaphthalene  
Concen: 0.49 ng  
RT: 12.03 min Scan# 1655  
Delta R.T. -0.00 min  
Lab File: BE090127.D  
Acq: 16 Jul 2015 20:19

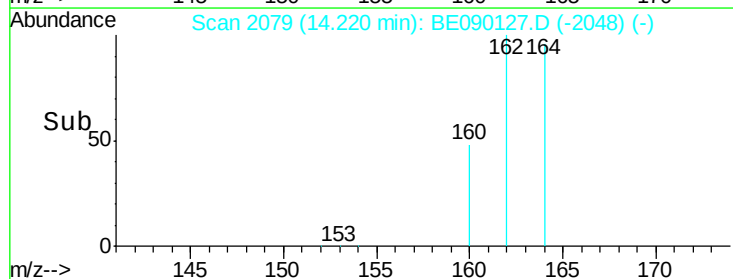
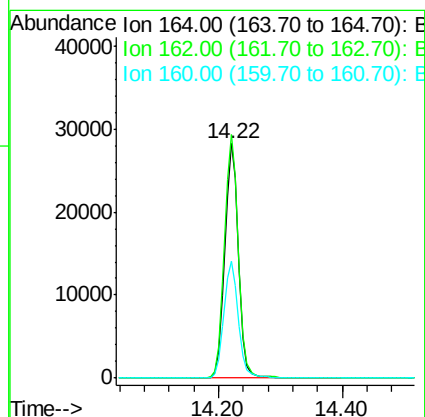
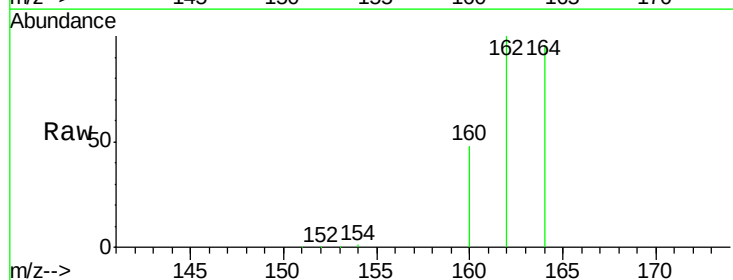
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

Tgt Ion:142 Resp: 5144  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.6 105.8  
115 37.8 29.4 44.0

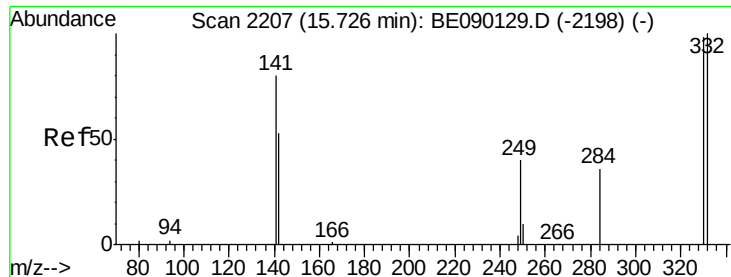


#12  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 14.22 min Scan# 2079  
Delta R.T. 0.00 min  
Lab File: BE090127.D  
Acq: 16 Jul 2015 20:19

Tgt Ion:164 Resp: 42526  
Ion Ratio Lower Upper  
164 100  
162 104.0 84.0 126.0  
160 50.1 41.1 61.7



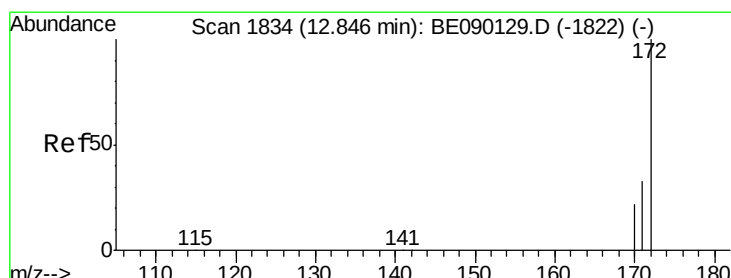
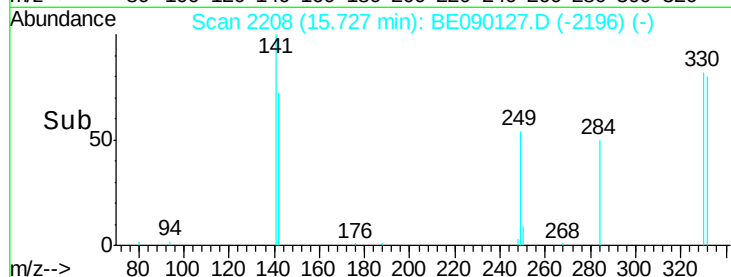
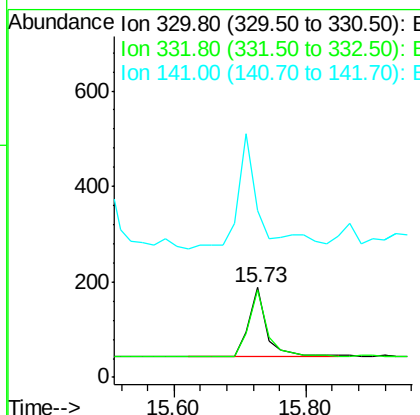
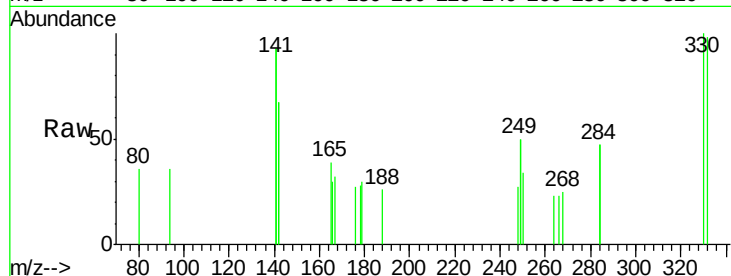




#13  
 2,4,6-Tribromophenol  
 Concen: 0.34 ng  
 RT: 15.73 min Scan# 2208  
 Delta R.T. 0.00 min  
 Lab File: BE090127.D  
 Acq: 16 Jul 2015 20:19

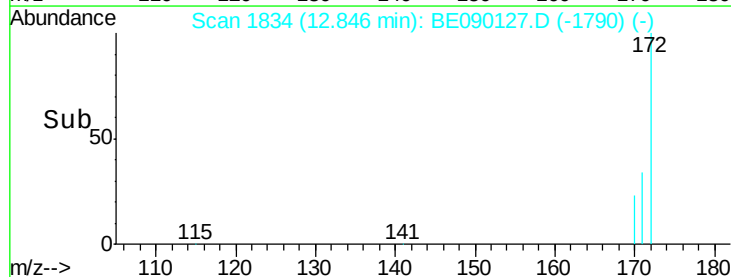
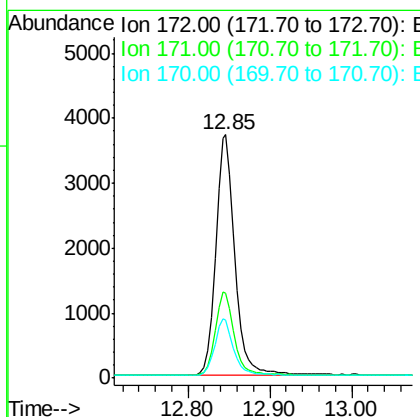
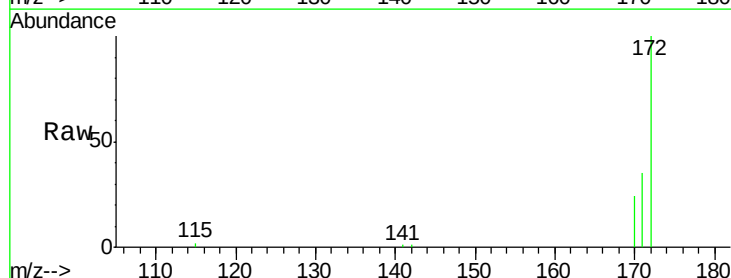
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

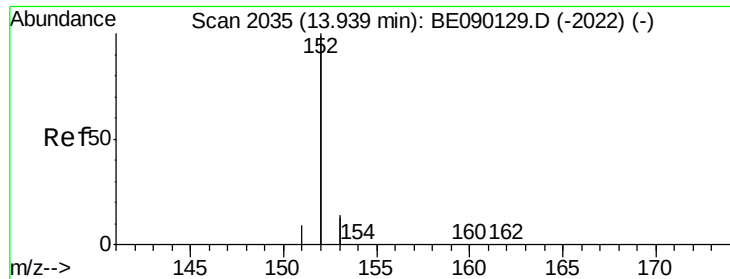
Tgt Ion:330 Resp: 284  
 Ion Ratio Lower Upper  
 330 100  
 332 101.1 79.4 119.0  
 141 166.2 160.2 240.2



#14  
 2-Fluorobiphenyl  
 Concen: 0.47 ng  
 RT: 12.85 min Scan# 1834  
 Delta R.T. 0.00 min  
 Lab File: BE090127.D  
 Acq: 16 Jul 2015 20:19

Tgt Ion:172 Resp: 6102  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 27.1 40.7  
 170 23.6 17.9 26.9





#15

Acenaphthylene

Concen: 0.48 ng

RT: 13.93 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

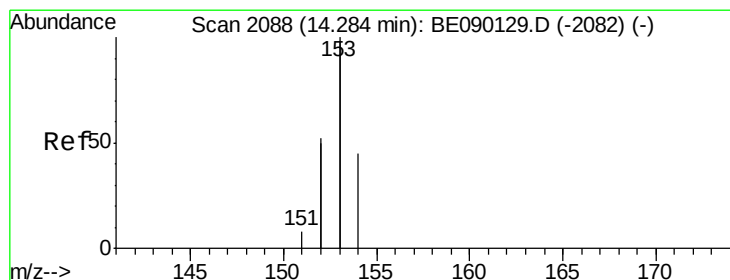
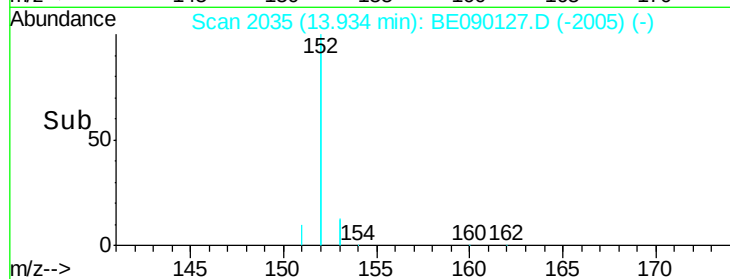
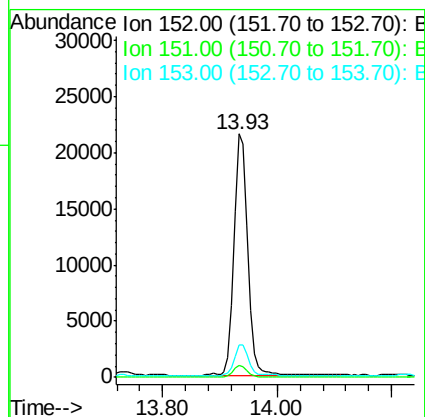
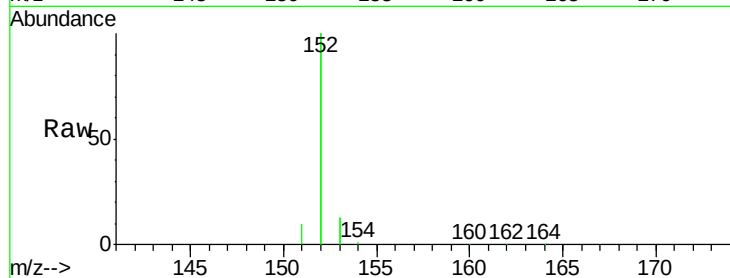
Tgt Ion:152 Resp: 34993

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

153 12.9 10.4 15.6



#16

Acenaphthene

Concen: 0.48 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

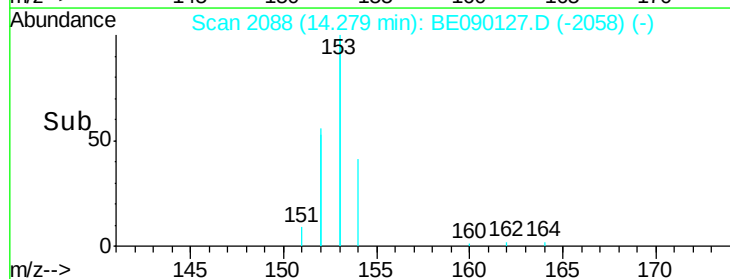
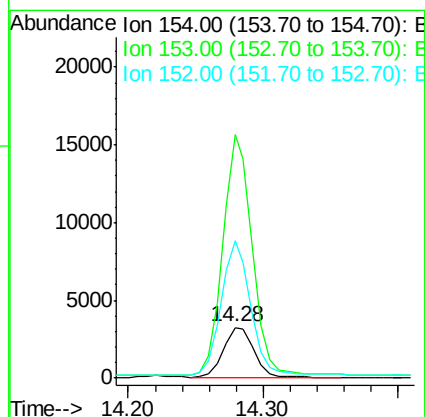
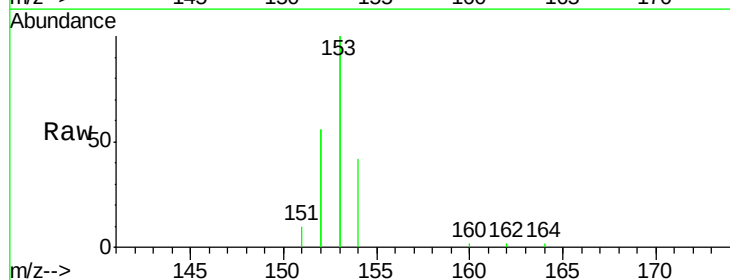
Tgt Ion:154 Resp: 5050

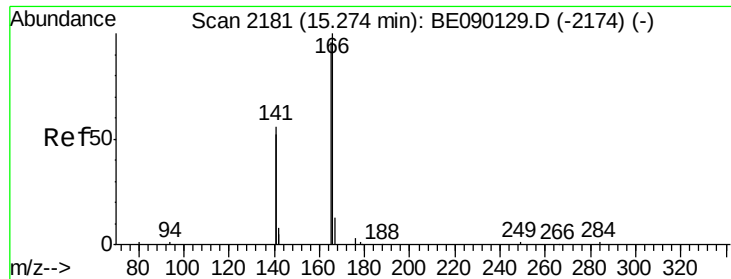
Ion Ratio Lower Upper

154 100

153 465.1 369.5 554.3

152 260.9 202.2 303.4

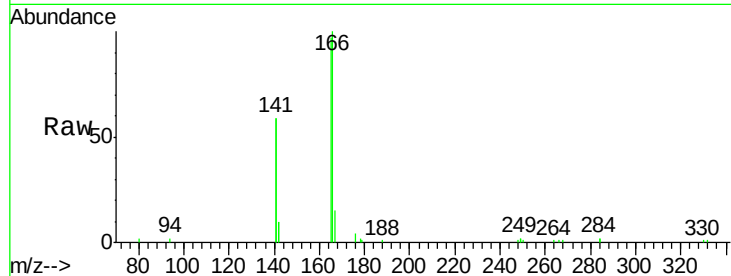




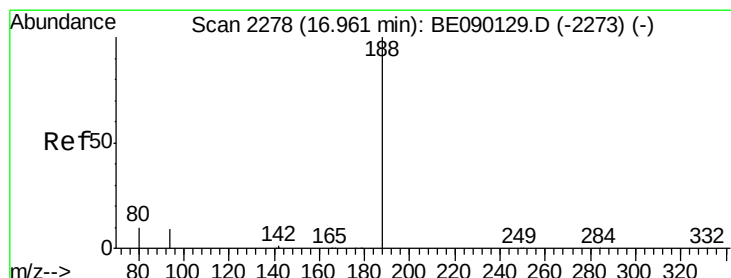
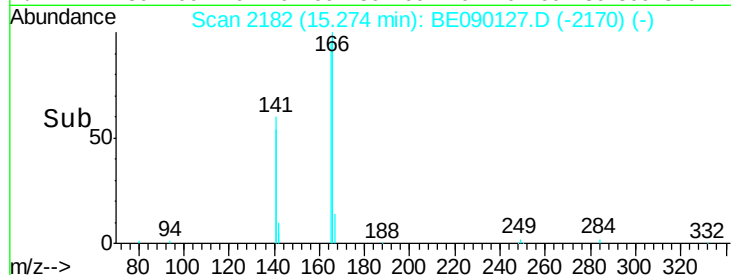
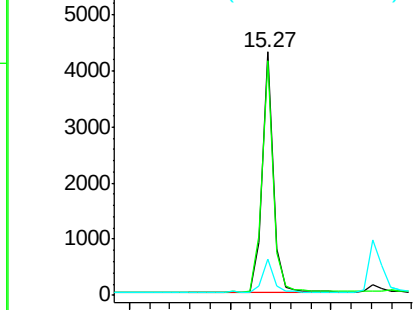
#17  
**Fluorene**  
 Concen: 0.48 ng  
 RT: 15.27 min Scan# 2182  
 Delta R.T. 0.00 min  
 Lab File: BE090127.D  
 Acq: 16 Jul 2015 20:19

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

Tgt Ion:166 Resp: 6520  
 Ion Ratio Lower Upper  
 166 100  
 165 98.1 78.7 118.1  
 167 15.2 11.1 16.7

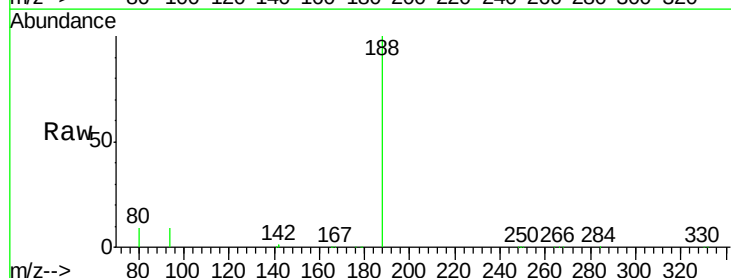


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

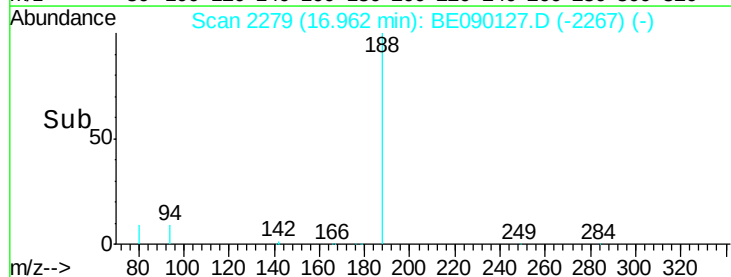
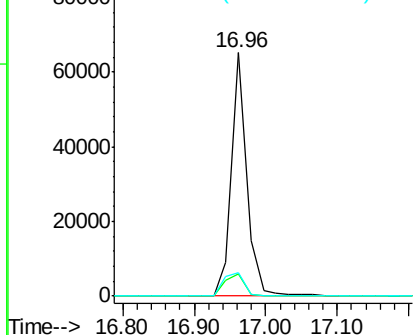


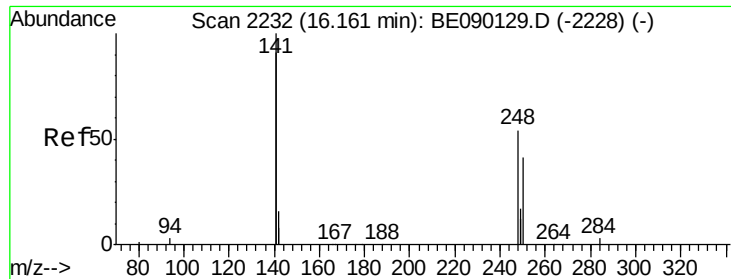
#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 16.96 min Scan# 2279  
 Delta R.T. 0.00 min  
 Lab File: BE090127.D  
 Acq: 16 Jul 2015 20:19

Tgt Ion:188 Resp: 96219  
 Ion Ratio Lower Upper  
 188 100  
 94 8.9 7.3 10.9  
 80 9.5 8.0 12.0



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

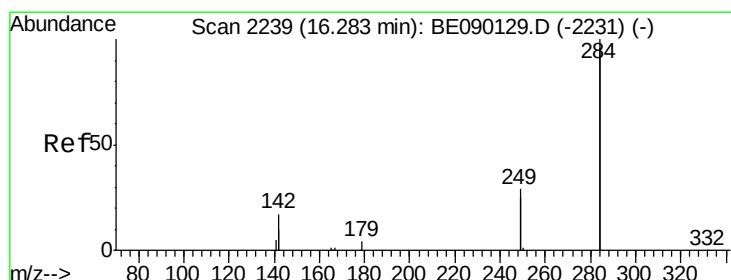
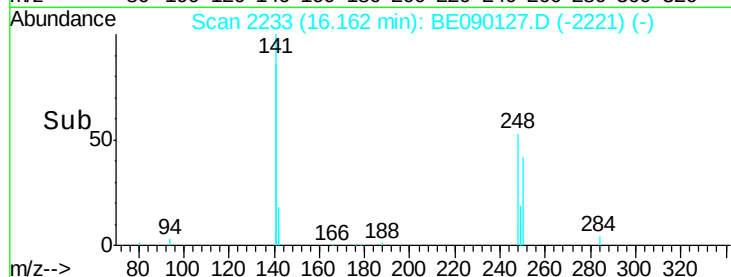
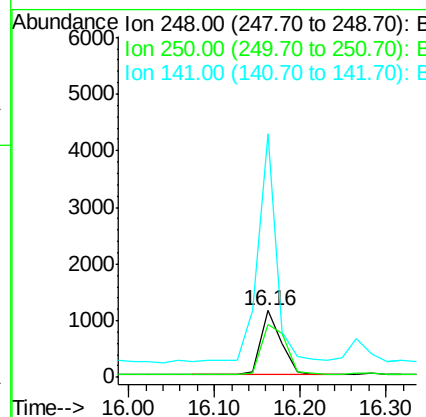
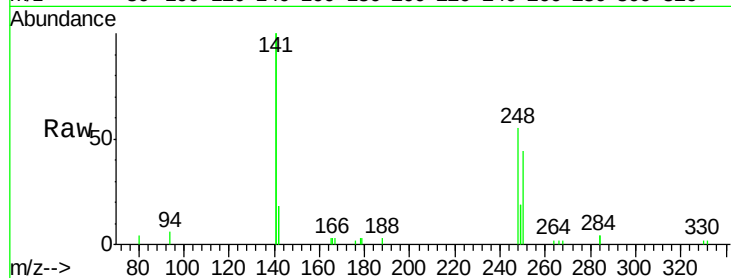




#19  
4-Bromophenyl-phenylether  
Concen: 0.48 ng  
RT: 16.16 min Scan# 2233  
Delta R.T. 0.00 min  
Lab File: BE090127.D  
Acq: 16 Jul 2015 20:19

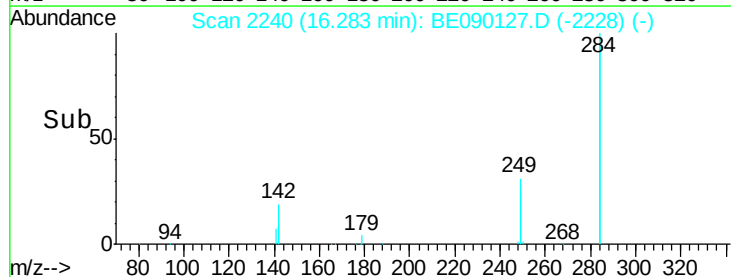
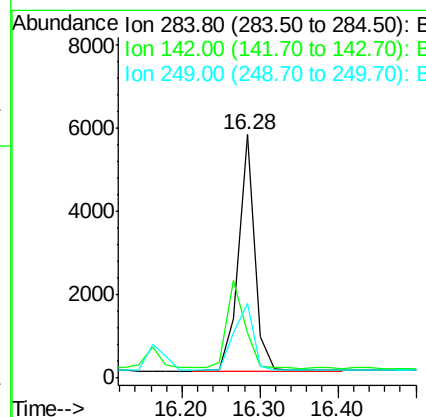
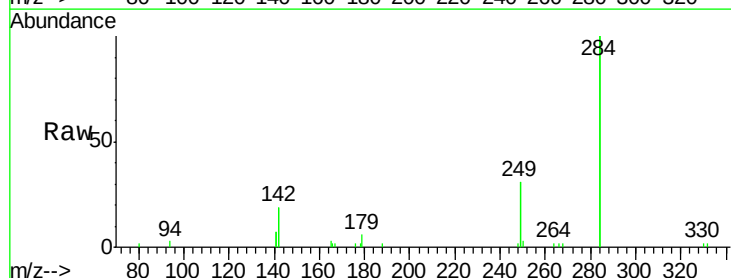
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

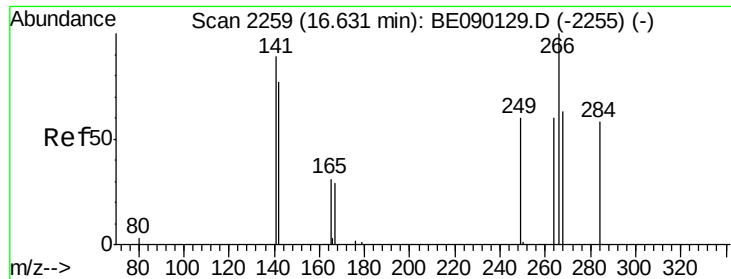
Tgt Ion: 248 Resp: 1894  
Ion Ratio Lower Upper  
248 100  
250 96.1 76.2 114.4  
141 320.7 246.0 369.0



#20  
Hexachlorobenzene  
Concen: 0.49 ng  
RT: 16.28 min Scan# 2240  
Delta R.T. 0.00 min  
Lab File: BE090127.D  
Acq: 16 Jul 2015 20:19

Tgt Ion: 284 Resp: 8242  
Ion Ratio Lower Upper  
284 100  
142 40.5 30.2 45.4  
249 33.8 25.5 38.3

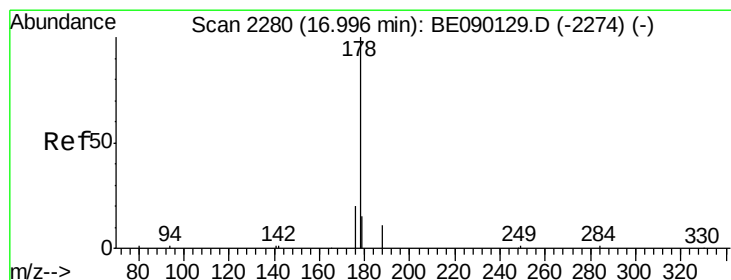
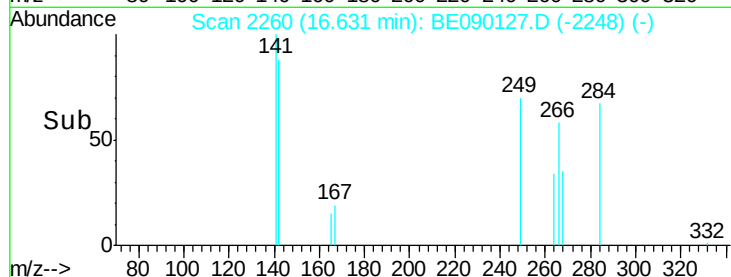
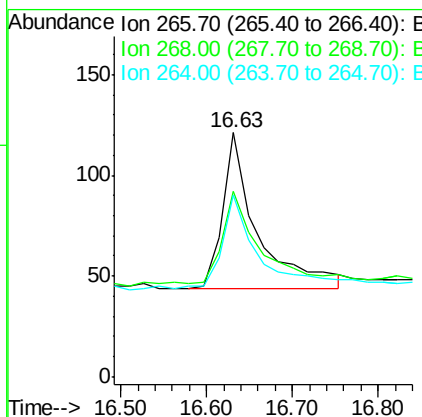
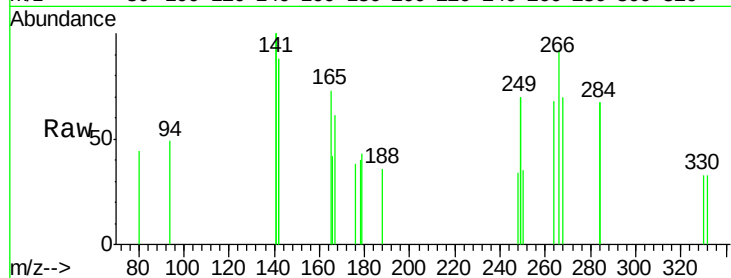




#21  
 Pentachlorophenol  
 Concen: 0.22 ng  
 RT: 16.63 min Scan# 2260  
 Delta R.T. 0.00 min  
 Lab File: BE090127.D  
 Acq: 16 Jul 2015 20:19

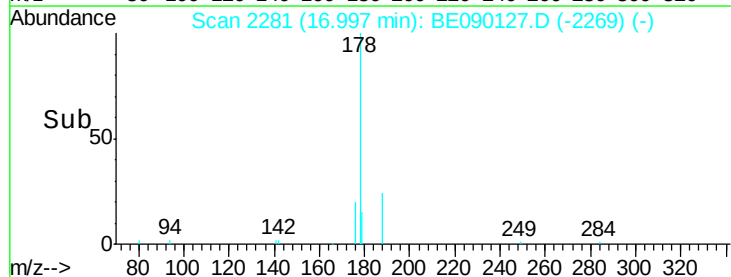
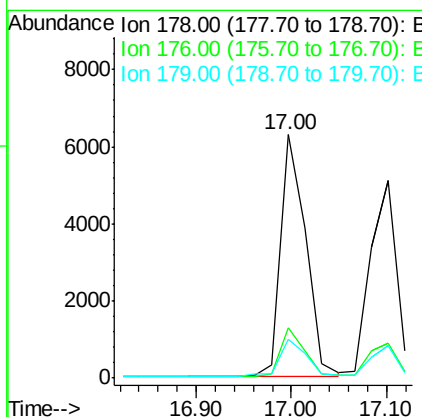
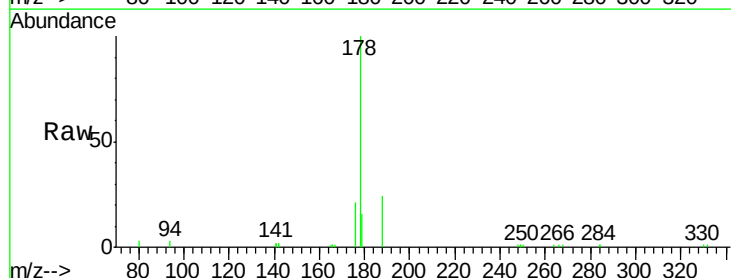
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

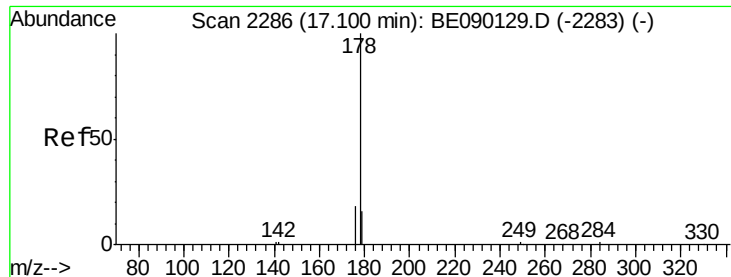
Tgt Ion: 266 Resp: 216  
 Ion Ratio Lower Upper  
 266 100  
 268 76.0 58.2 87.2  
 264 74.4 55.8 83.6



#22  
 Phenanthrene  
 Concen: 0.50 ng  
 RT: 17.00 min Scan# 2281  
 Delta R.T. 0.00 min  
 Lab File: BE090127.D  
 Acq: 16 Jul 2015 20:19

Tgt Ion: 178 Resp: 11341  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.1 22.7  
 179 15.8 12.2 18.4





#23

Anthracene

Concen: 0.48 ng

RT: 17.10 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

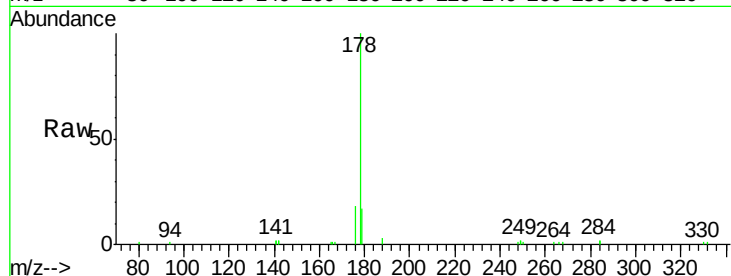
Tgt Ion:178 Resp: 9828

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

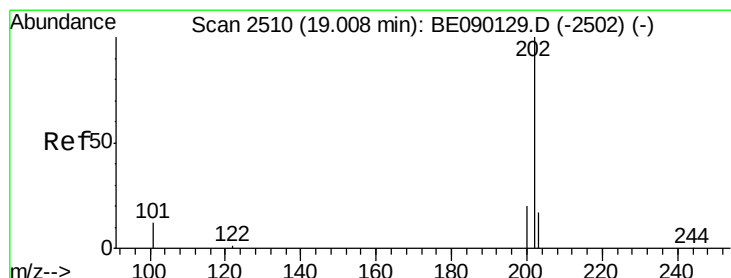
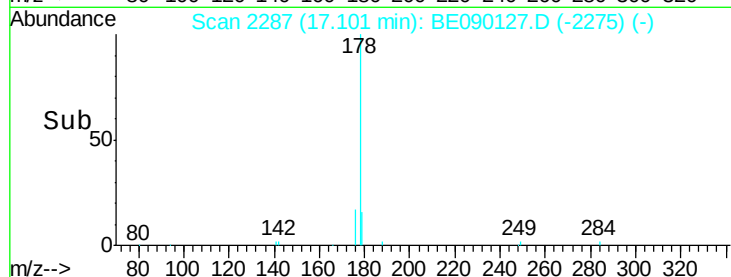
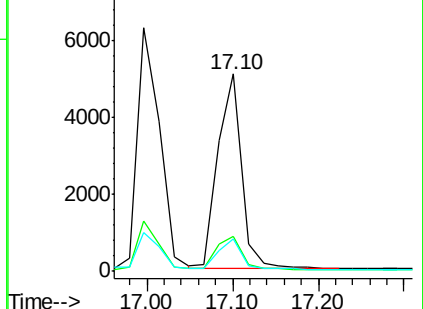
179 15.3 12.2 18.4



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



#24

Fluoranthene

Concen: 0.46 ng

RT: 19.01 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

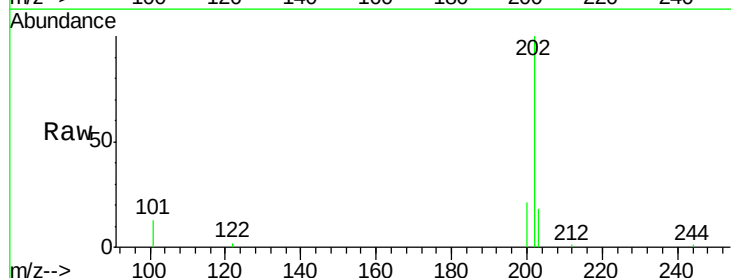
Tgt Ion:202 Resp: 10887

Ion Ratio Lower Upper

202 100

101 12.7 10.1 15.1

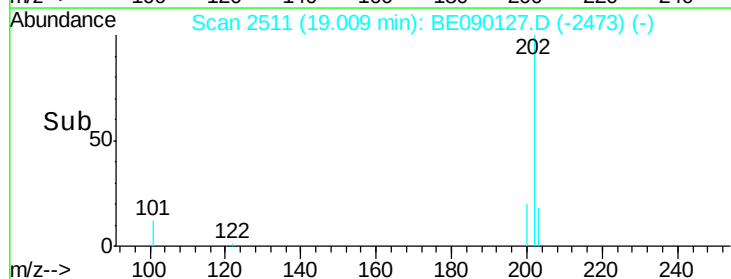
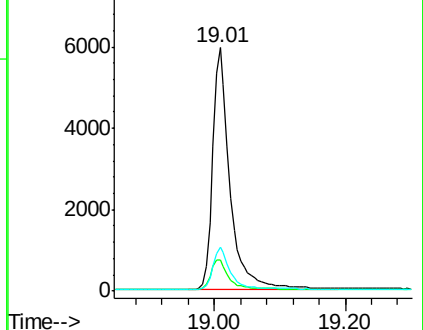
203 17.3 13.8 20.8

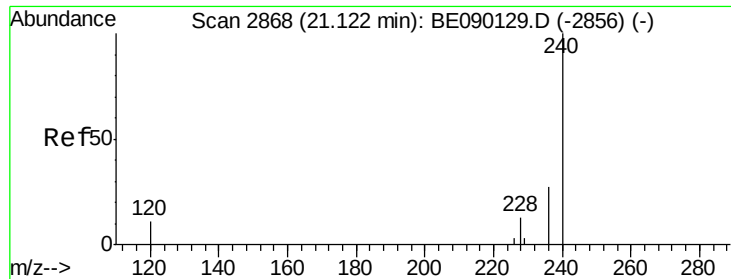


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.01 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

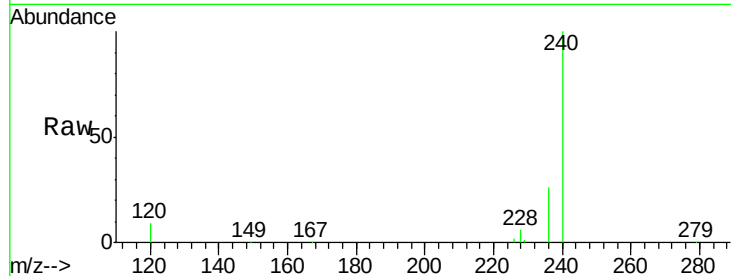
Tgt Ion:240 Resp: 87910

Ion Ratio Lower Upper

240 100

120 9.2 8.8 13.2

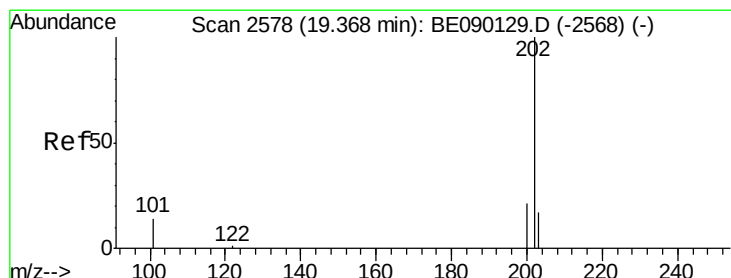
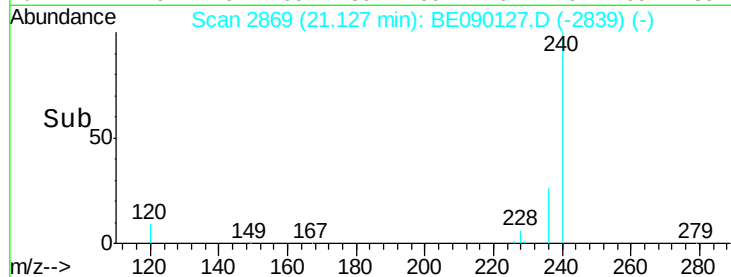
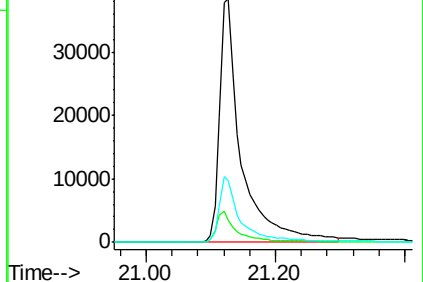
236 25.6 21.4 32.0



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



#26

Pyrene

Concen: 0.54 ng

RT: 19.37 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

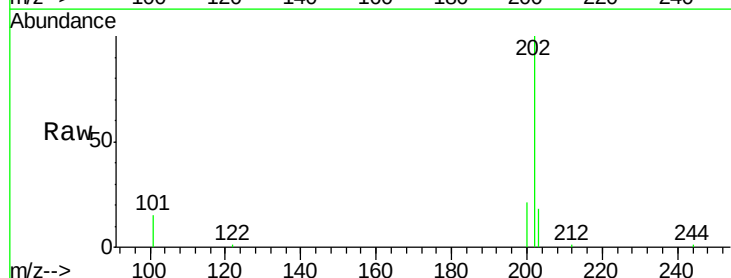
Tgt Ion:202 Resp: 11202

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

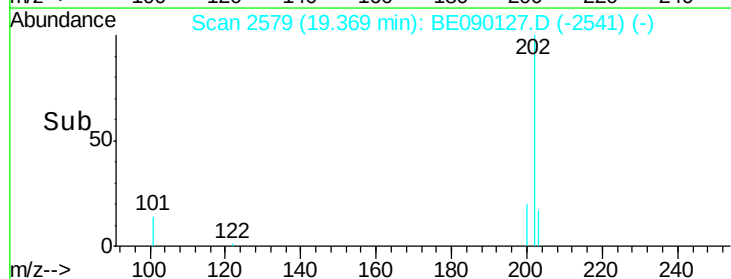
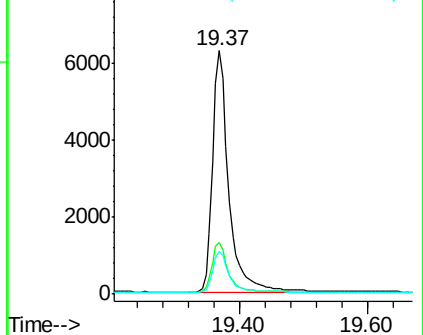
203 17.2 13.9 20.9

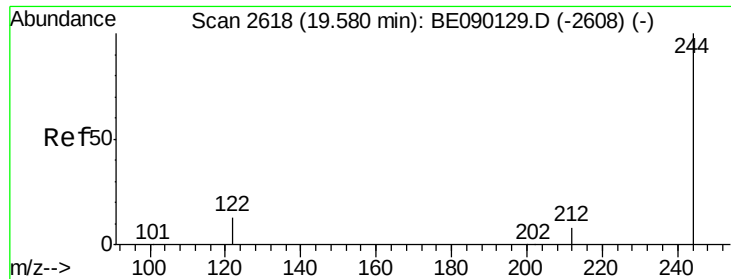


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

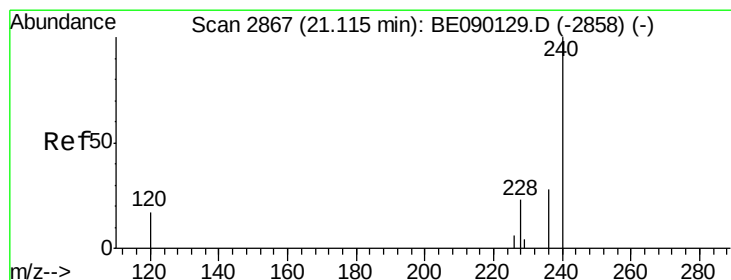
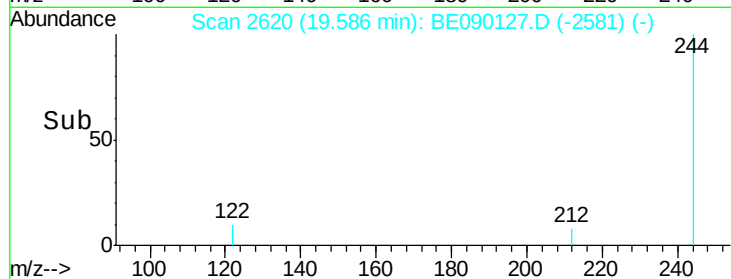
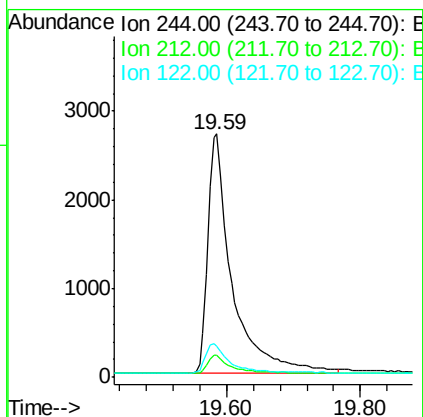
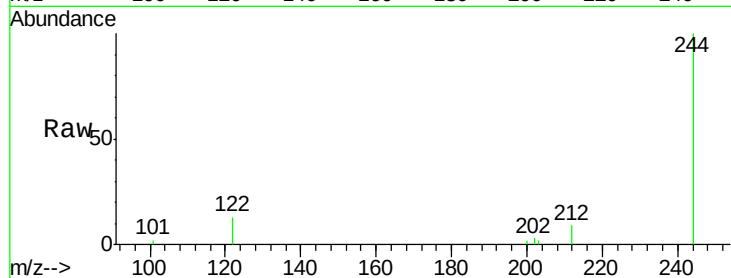




#27  
 Terphenyl-d14  
 Concen: 0.48 ng  
 RT: 19.59 min Scan# 2620  
 Delta R.T. 0.01 min  
 Lab File: BE090127.D  
 Acq: 16 Jul 2015 20:19

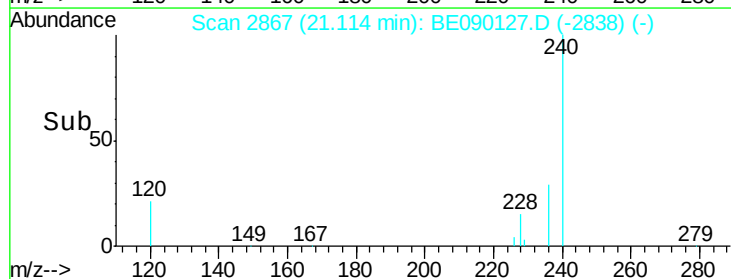
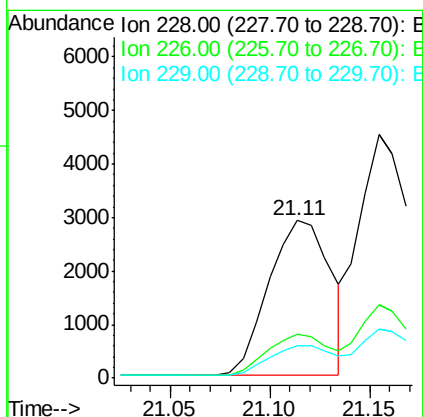
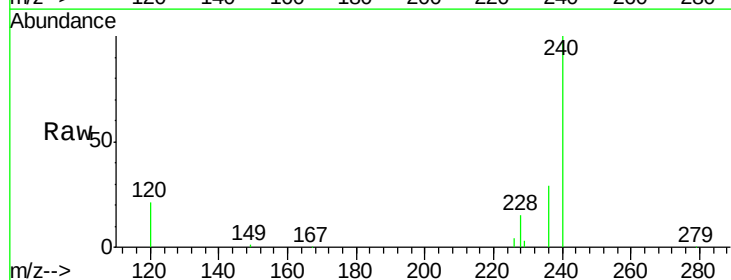
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

Tgt Ion:244 Resp: 6842  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 6.7 10.1  
 122 12.7 10.7 16.1

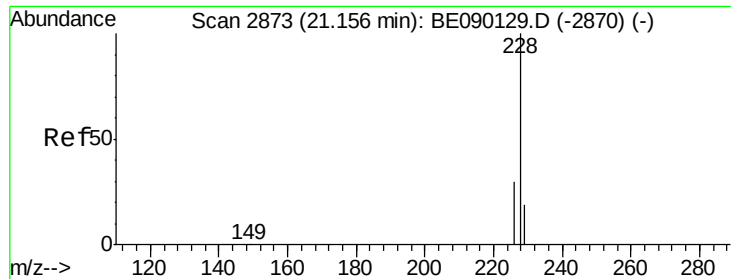


#28  
 Benzo(a)anthracene  
 Concen: 0.33 ng  
 RT: 21.11 min Scan# 2867  
 Delta R.T. -0.00 min  
 Lab File: BE090127.D  
 Acq: 16 Jul 2015 20:19

Tgt Ion:228 Resp: 6228  
 Ion Ratio Lower Upper  
 228 100  
 226 27.7 21.3 31.9  
 229 20.4 16.1 24.1







#29

Chrysene

Concen: 0.55 ng

RT: 21.15 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.5

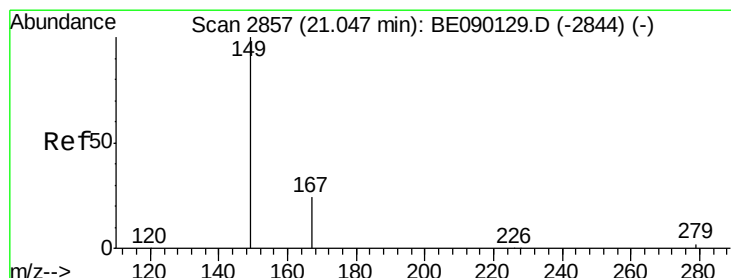
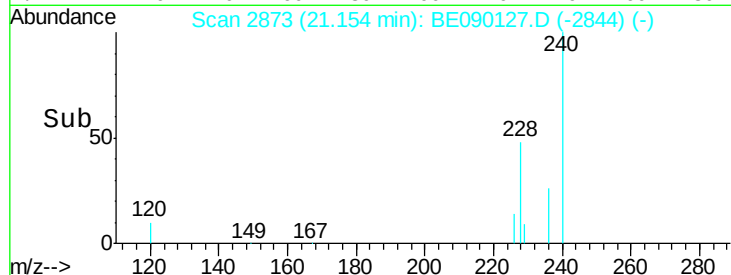
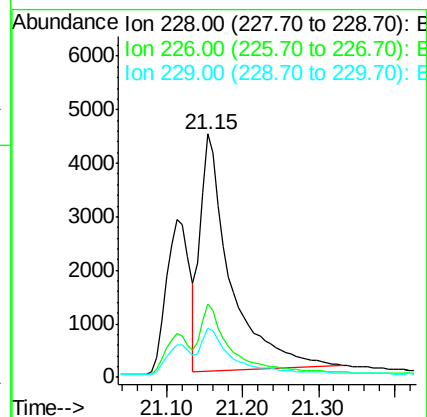
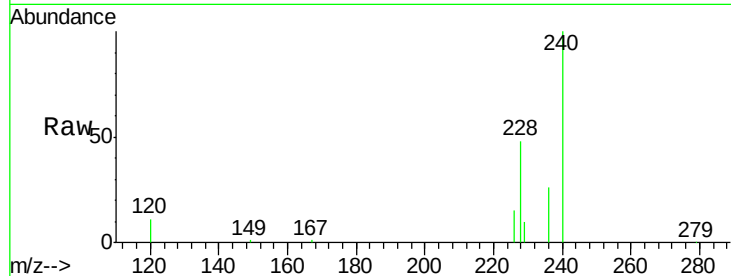
Tgt Ion:228 Resp: 12199

Ion Ratio Lower Upper

228 100

226 30.2 23.5 35.3

229 20.0 16.0 24.0



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

RT: 21.05 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

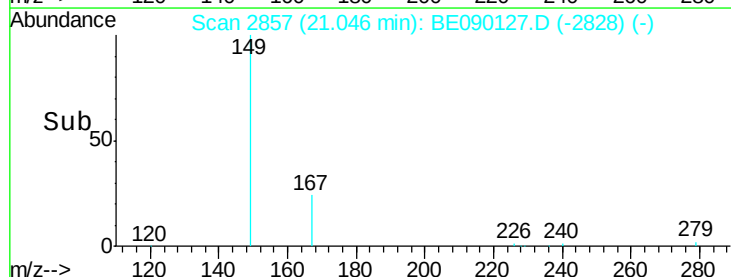
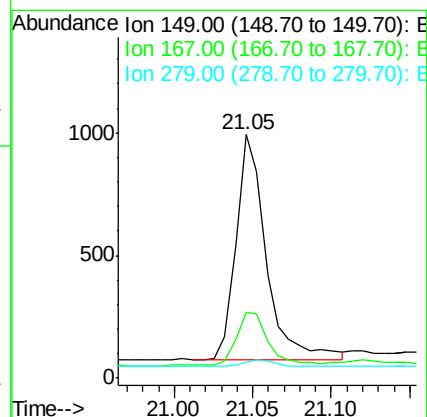
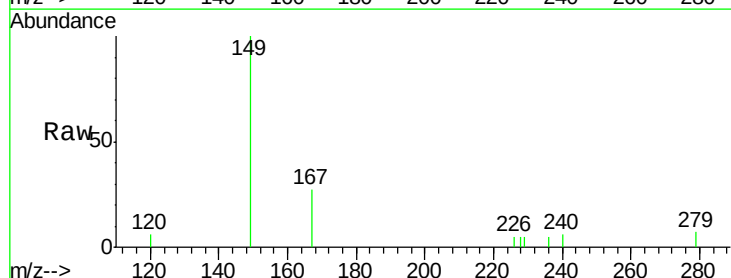
Tgt Ion:149 Resp: 1240

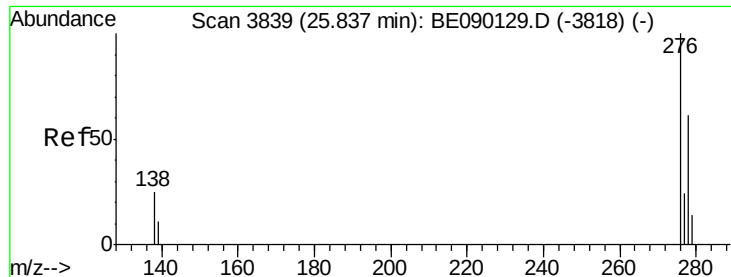
Ion Ratio Lower Upper

149 100

167 24.2 18.6 27.8

279 3.5 2.2 3.4#





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.13 ng

RT: 25.83 min Scan# 3839

Delta R.T. -0.01 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

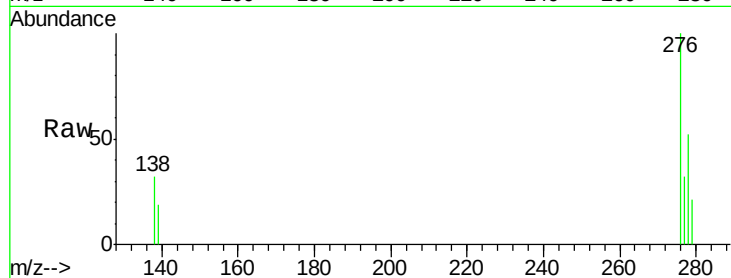
Tgt Ion:276 Resp: 2016

Ion Ratio Lower Upper

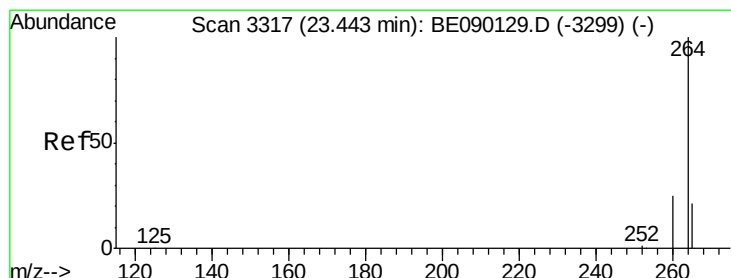
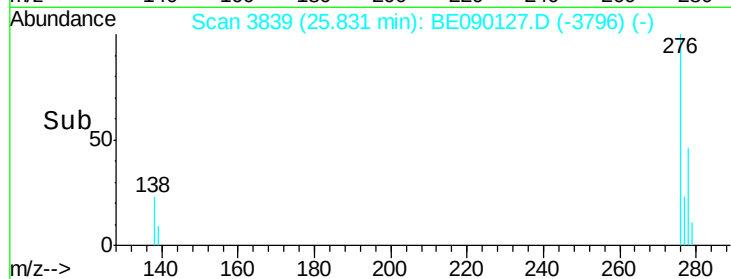
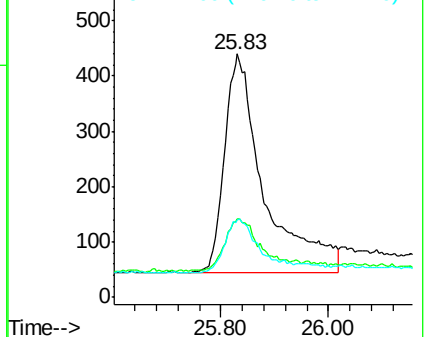
276 100

138 20.8 17.3 25.9

277 20.8 17.3 25.9



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.44 min Scan# 3318

Delta R.T. 0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

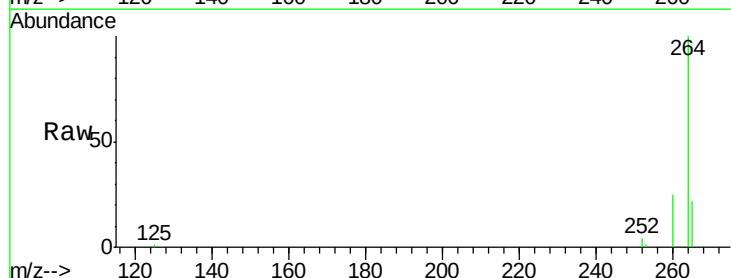
Tgt Ion:264 Resp: 64243

Ion Ratio Lower Upper

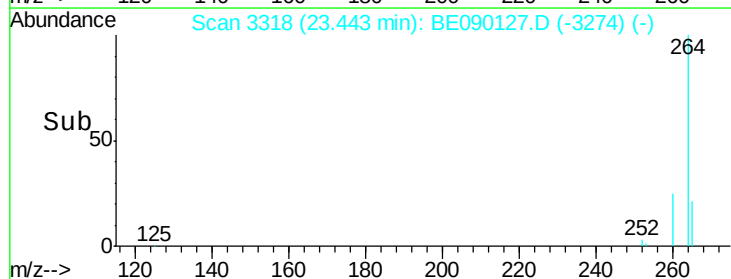
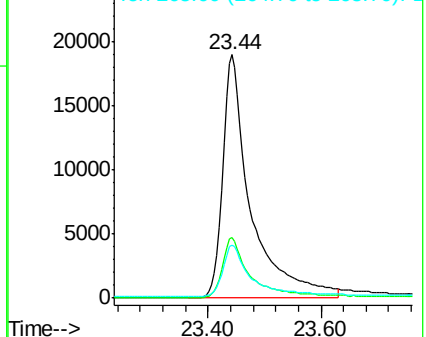
264 100

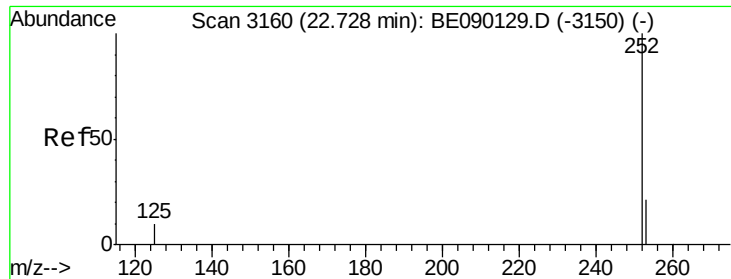
260 24.7 19.9 29.9

265 22.0 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.15 ng m

RT: 22.73 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

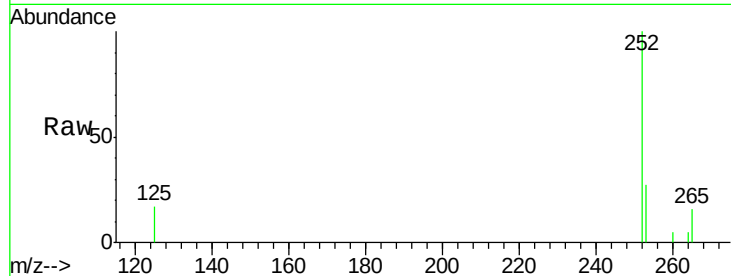
Tgt Ion:252 Resp: 1933

Ion Ratio Lower Upper

252 100

253 27.4 19.0 28.6

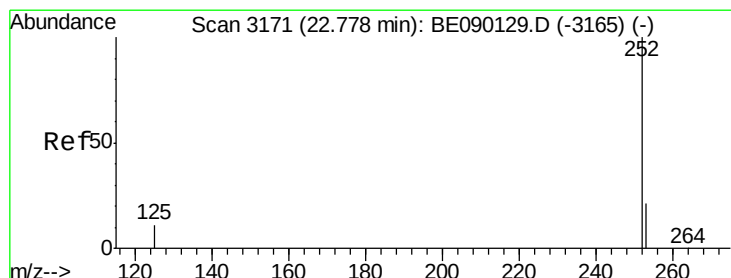
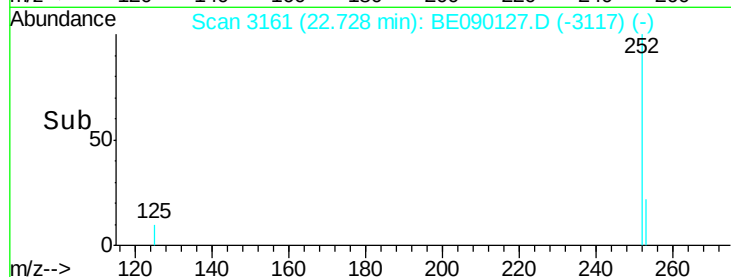
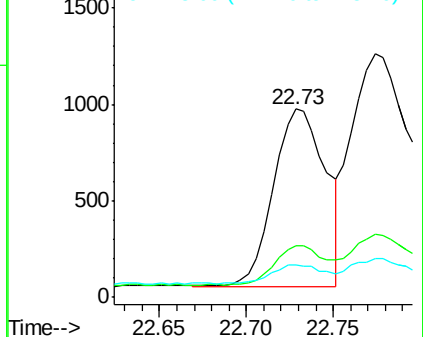
125 17.2 10.7 16.1#



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(k)fluoranthene

Concen: 0.34 ng m

RT: 22.77 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

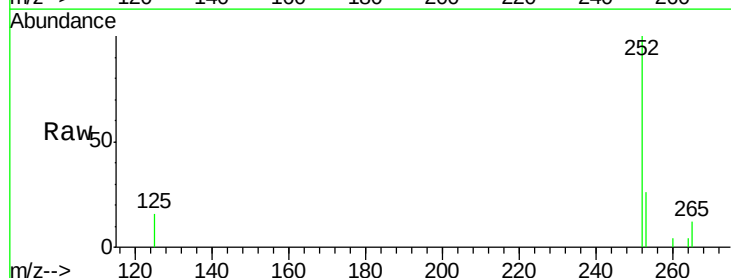
Tgt Ion:252 Resp: 5271

Ion Ratio Lower Upper

252 100

253 26.1 18.7 28.1

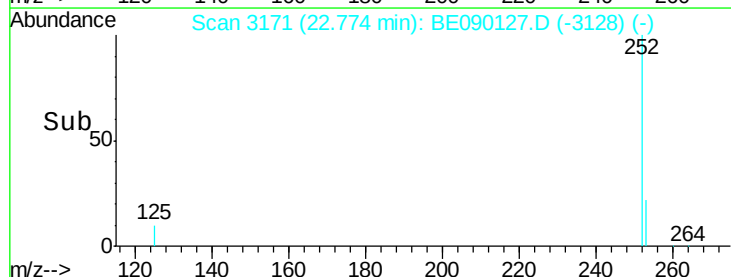
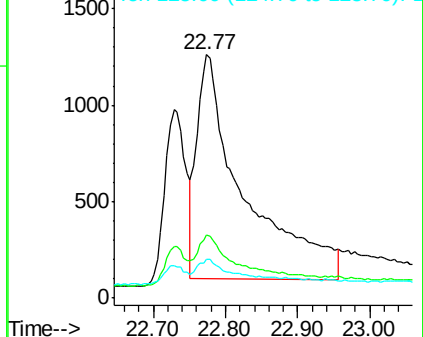
125 15.8 10.5 15.7#

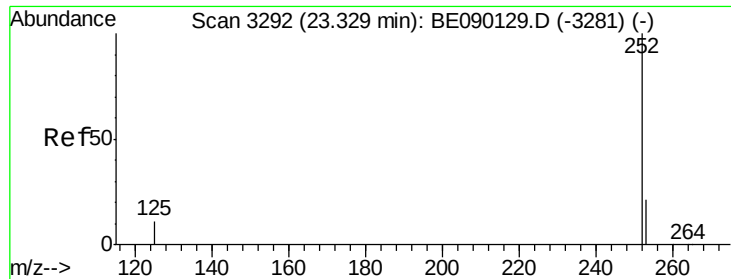


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.19 ng

RT: 23.33 min Scan# 3294

Delta R.T. 0.01 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

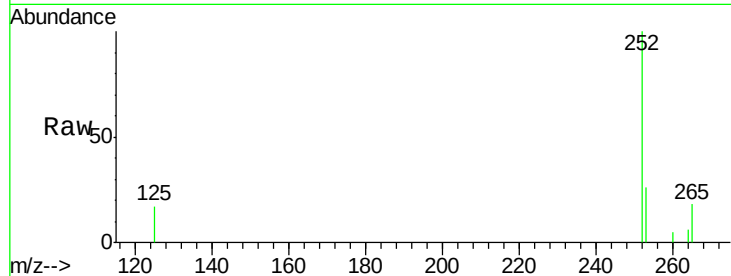
Tgt Ion:252 Resp: 2238

Ion Ratio Lower Upper

252 100

253 25.7 19.4 29.2

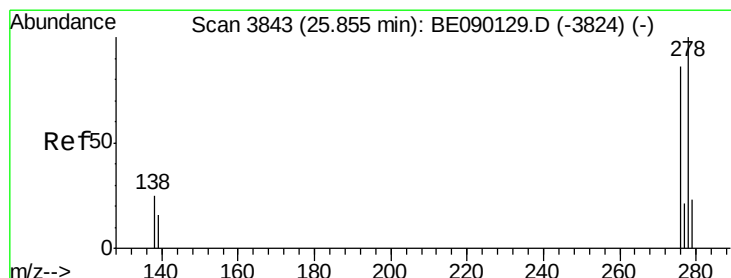
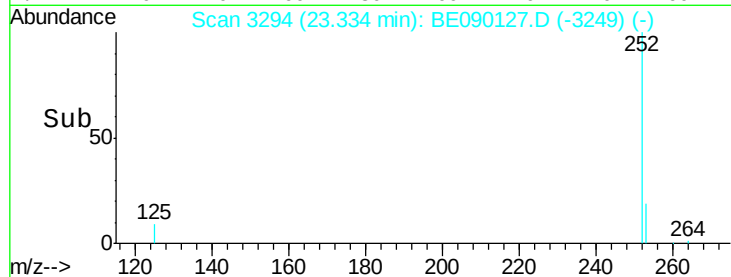
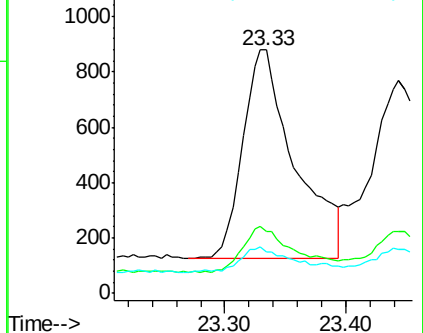
125 17.3 11.9 17.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.11 ng

RT: 25.85 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BE090127.D

Acq: 16 Jul 2015 20:19

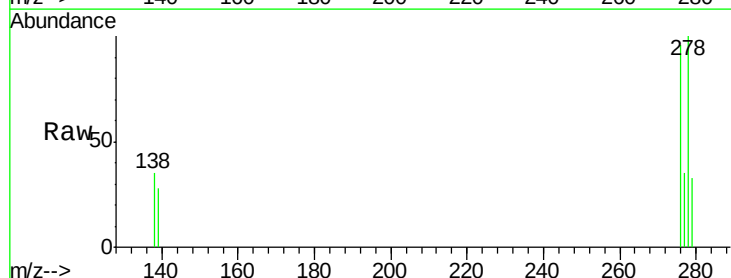
Tgt Ion:278 Resp: 1231

Ion Ratio Lower Upper

278 100

139 28.0 18.3 27.5#

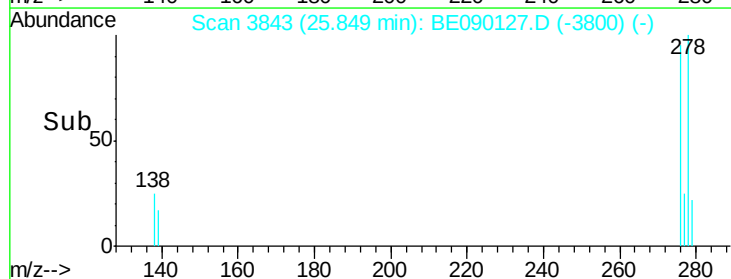
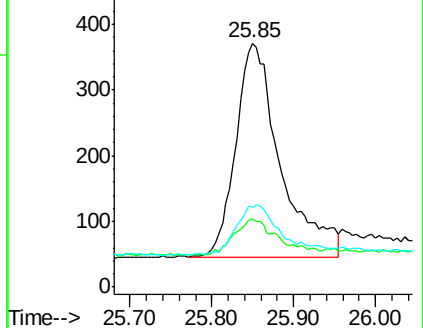
279 32.9 23.3 34.9

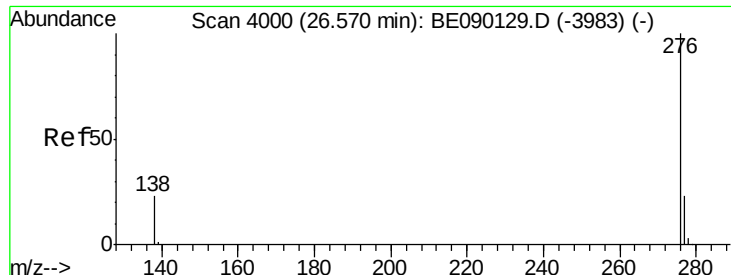


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.20 ng

RT: 26.57 min Scan# 4002

Delta R.T. 0.00 min

Lab File: BE090127.D

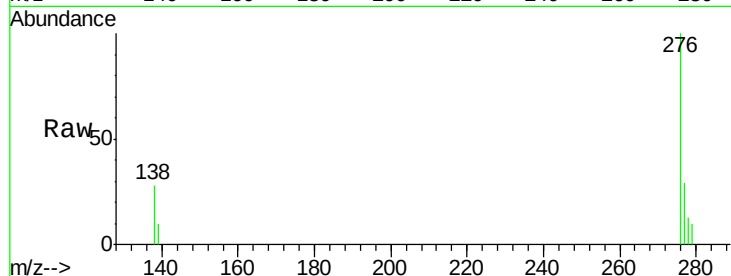
Acq: 16 Jul 2015 20:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5



Tgt Ion: 276 Resp: 2362

Ion Ratio Lower Upper

276 100

277 29.0 22.0 33.0

138 28.2 22.0 33.0

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

