

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE080515\  
 Data File : BE090366.D  
 Acq On : 5 Aug 2015 19:17  
 Operator : TP/UM  
 Sample : SSTDICC002  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC002

Quant Time: Aug 06 01:49:22 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 06 01:43:02 2015  
 Response via : Initial Calibration

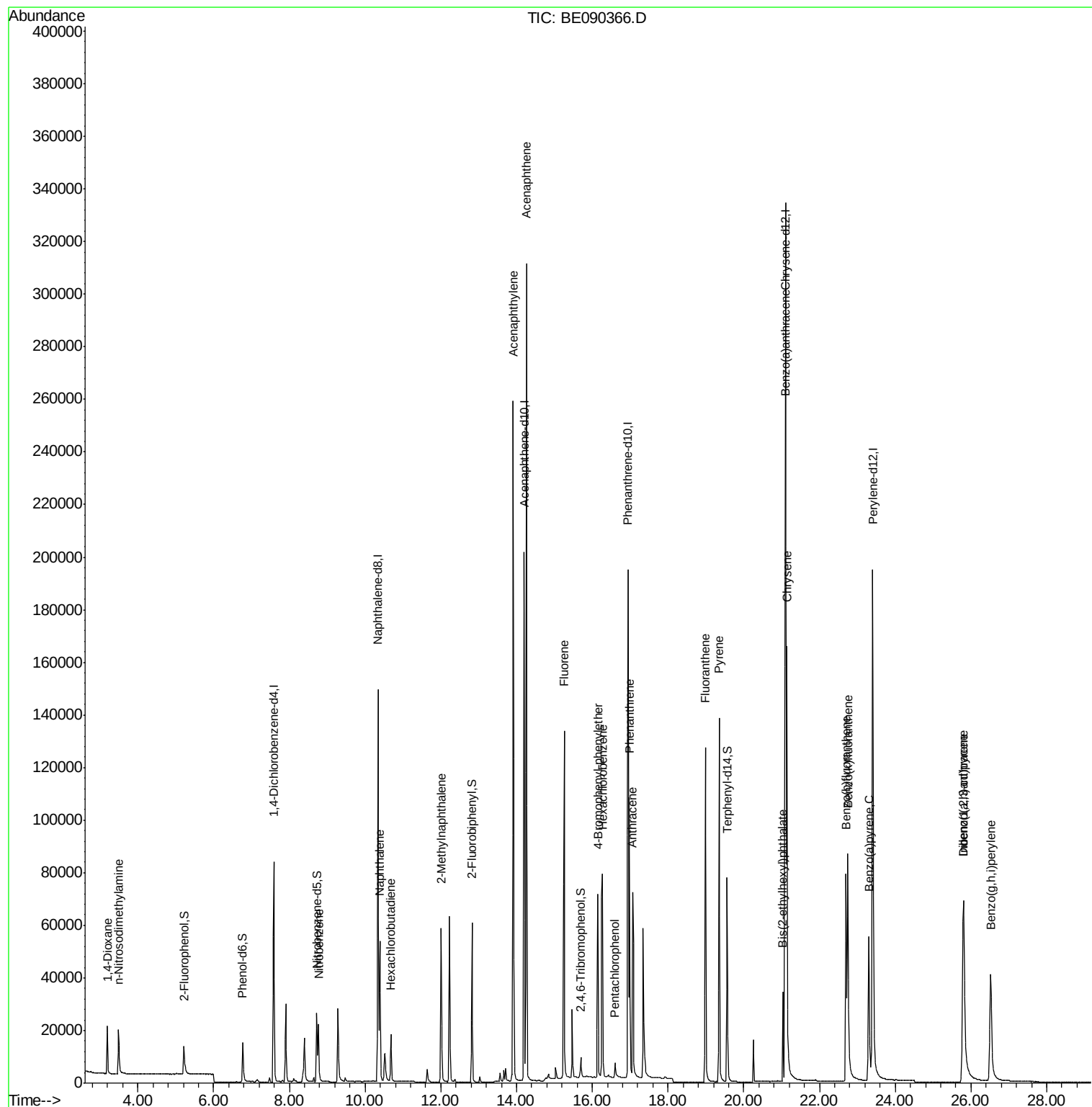
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.58  | 152  | 42463    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.34 | 136  | 194027   | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.20 | 164  | 113524   | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 16.94 | 188  | 258712   | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.10 | 240  | 318568   | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.40 | 264  | 296844   | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.22  | 112  | 11841    | 1.51 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.77  | 99   | 20948    | 2.09 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.72  | 82   | 25778    | 2.22 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.69 | 330  | 3835     | 2.40 | ng    | -0.02    |
| 14) 2-Fluorobiphenyl           | 12.82 | 172  | 57330    | 1.75 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.56 | 244  | 89504    | 1.55 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.20  | 88   | 9926     | 1.89 | ng    | 98       |
| 3) n-Nitrosodimethylamine      | 3.49  | 42   | 12439    | 1.76 | ng    | # 92     |
| 8) Nitrobenzene                | 8.77  | 77   | 27756    | 2.32 | ng    | 98       |
| 9) Naphthalene                 | 10.39 | 128  | 75153    | 1.80 | ng    | 98       |
| 10) Hexachlorobutadiene        | 10.69 | 225  | 12770    | 2.20 | ng    | 100      |
| 11) 2-Methylnaphthalene        | 12.01 | 142  | 46590    | 1.82 | ng    | 99       |
| 15) Acenaphthylene             | 13.91 | 152  | 340465   | 1.73 | ng    | 100      |
| 16) Acenaphthene               | 14.26 | 154  | 50118    | 1.75 | ng    | 93       |
| 17) Fluorene                   | 15.26 | 166  | 66863    | 1.89 | ng    | 98       |
| 19) 4-Bromophenyl-phenylether  | 16.14 | 248  | 18920    | 1.95 | ng    | 99       |
| 20) Hexachlorobenzene          | 16.27 | 284  | 91471    | 2.37 | ng    | 97       |
| 21) Pentachlorophenol          | 16.60 | 266  | 4002     | 2.13 | ng    | 93       |
| 22) Phenanthrene               | 16.98 | 178  | 113737   | 1.90 | ng    | 100      |
| 23) Anthracene                 | 17.07 | 178  | 103598   | 1.96 | ng    | 100      |
| 24) Fluoranthene               | 18.99 | 202  | 121688   | 2.03 | ng    | 100      |
| 26) Pyrene                     | 19.35 | 202  | 131087   | 1.58 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.08 | 228  | 129378   | 2.09 | ng    | 99       |
| 29) Chrysene                   | 21.13 | 228  | 152498   | 2.08 | ng    | 99       |
| 30) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 33075    | 1.63 | ng    | 99       |
| 31) Indeno(1,2,3-cd)pyrene     | 25.79 | 276  | 119787   | 2.99 | ng    | 96       |
| 33) Benzo(b)fluoranthene       | 22.70 | 252  | 107252   | 2.05 | ng    | 98       |
| 34) Benzo(k)fluoranthene       | 22.75 | 252  | 145133   | 1.82 | ng    | 99       |
| 35) Benzo(a)pyrene             | 23.30 | 252  | 98294    | 2.02 | ng    | 100      |
| 36) Dibenzo(a,h)anthracene     | 25.81 | 278  | 92554    | 2.94 | ng    | 97       |
| 37) Benzo(g,h,i)perylene       | 26.52 | 276  | 104865   | 2.03 | ng    | 98       |

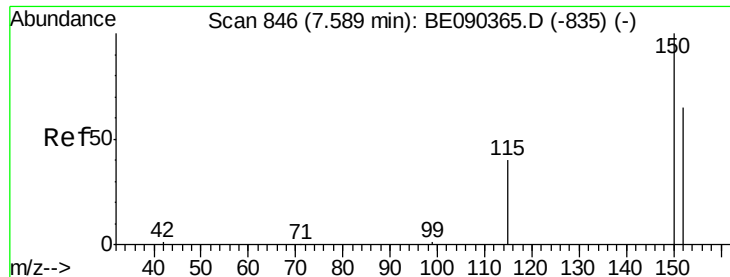
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDIC002

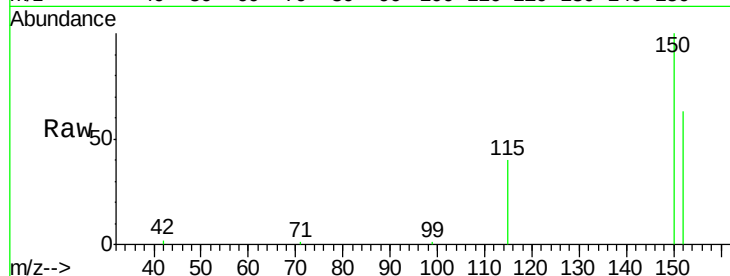
Tgt Ion:152 Resp: 42463

Ion Ratio Lower Upper

152 100

150 158.4 123.0 184.4

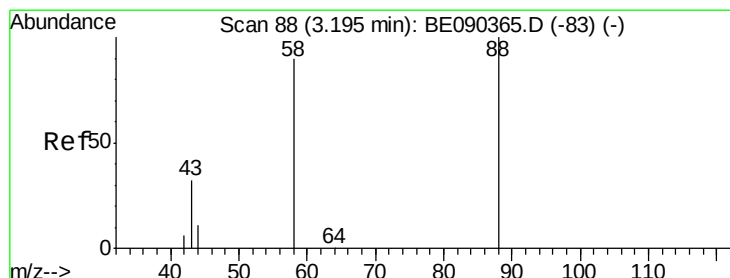
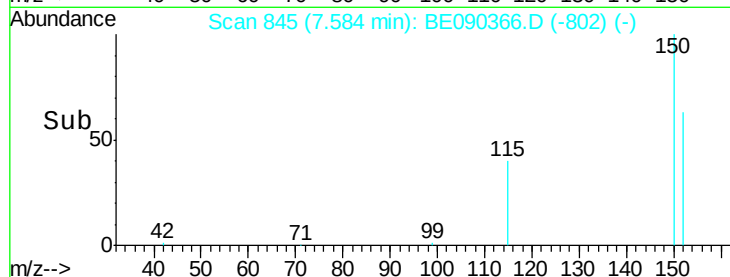
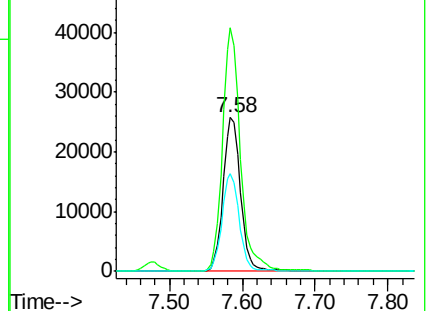
115 63.8 48.9 73.3



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: 1.89 ng

RT: 3.20 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

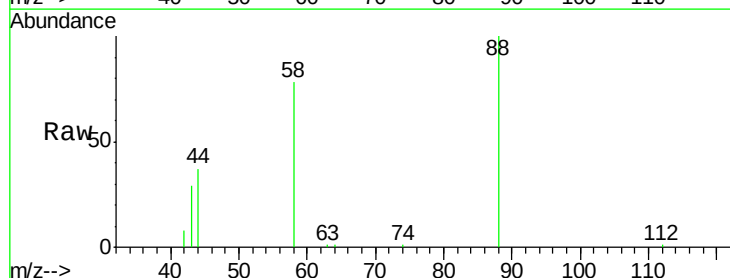
Tgt Ion: 88 Resp: 9926

Ion Ratio Lower Upper

88 100

58 86.4 70.0 105.0

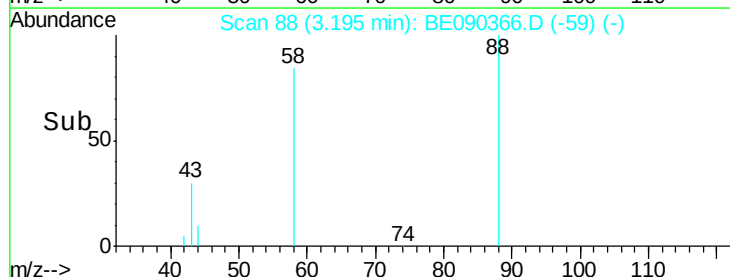
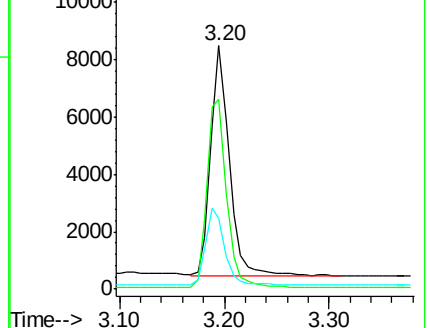
43 33.7 28.4 42.6

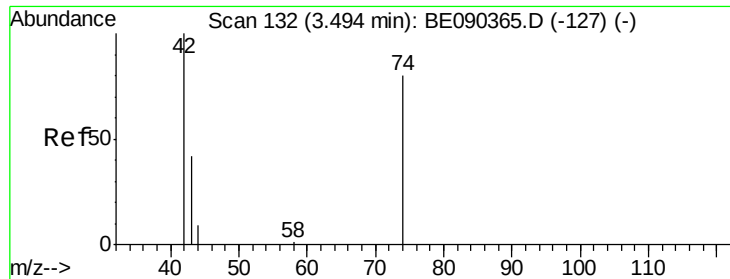


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.76 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.01 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDIC002

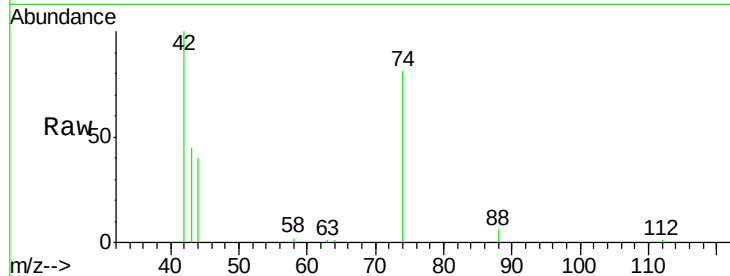
Tgt Ion: 42 Resp: 12439

Ion Ratio Lower Upper

42 100

74 101.5 75.2 112.8

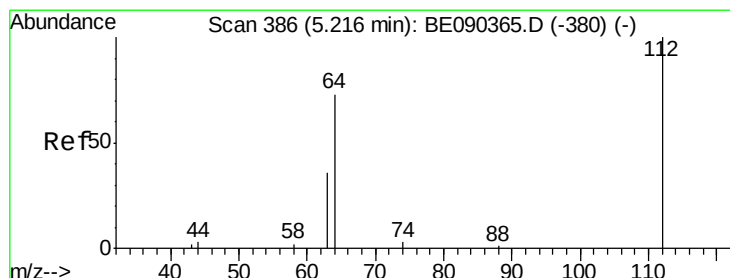
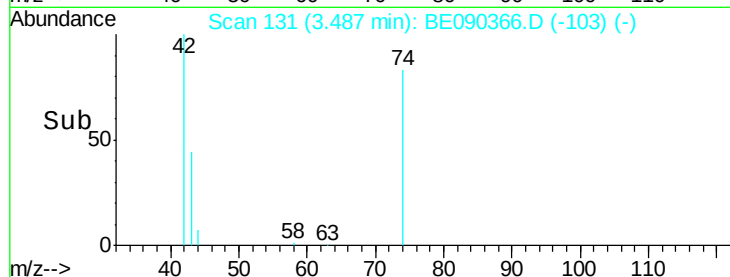
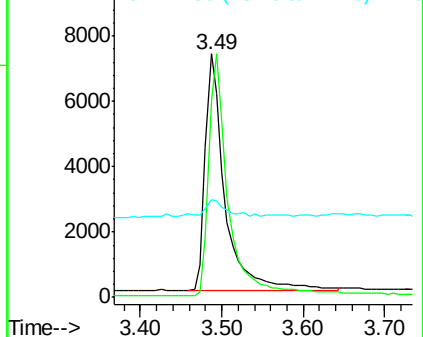
44 7.7 8.7 13.1#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 1.51 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

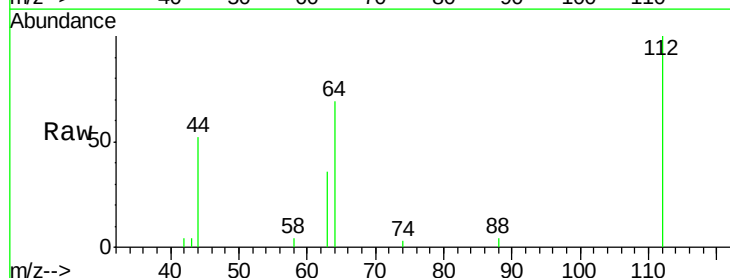
Tgt Ion: 112 Resp: 11841

Ion Ratio Lower Upper

112 100

64 70.5 37.1 55.7#

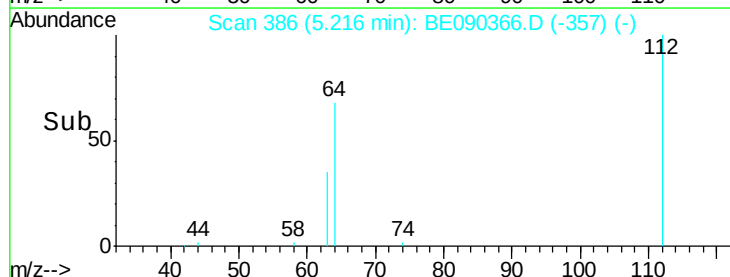
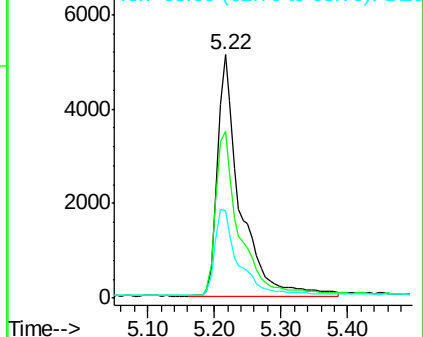
63 37.3 19.5 29.3#

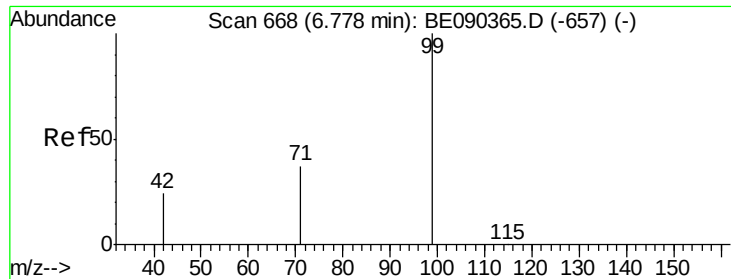


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.09 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

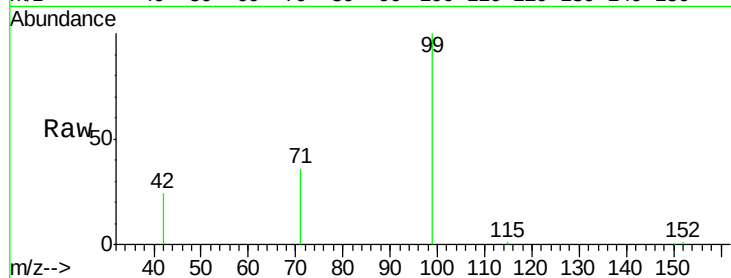
Tgt Ion: 99 Resp: 20948

Ion Ratio Lower Upper

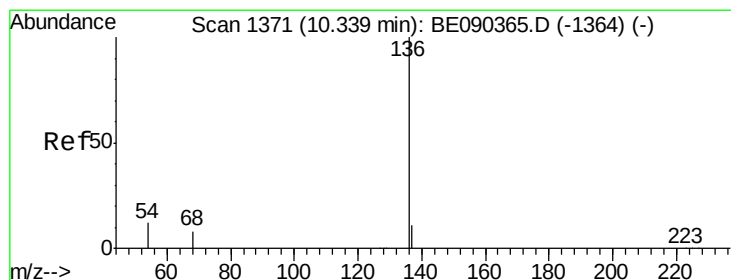
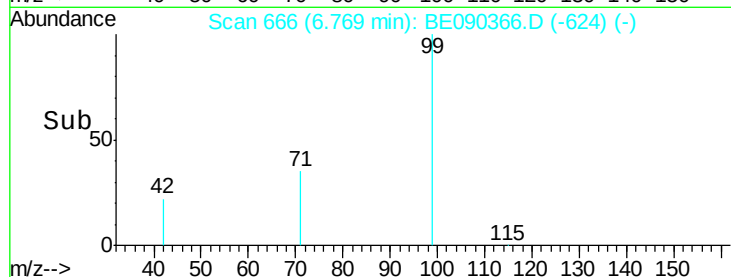
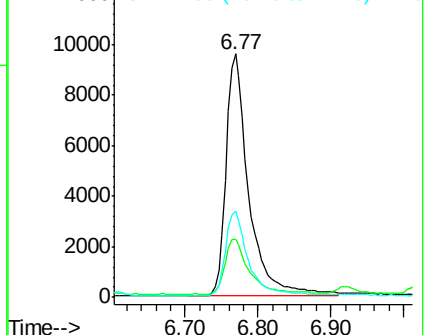
99 100

42 24.6 18.2 27.4

71 35.6 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE0  
Ion 42.00 (41.70 to 42.70): BE0  
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Tgt Ion: 136 Resp: 194027

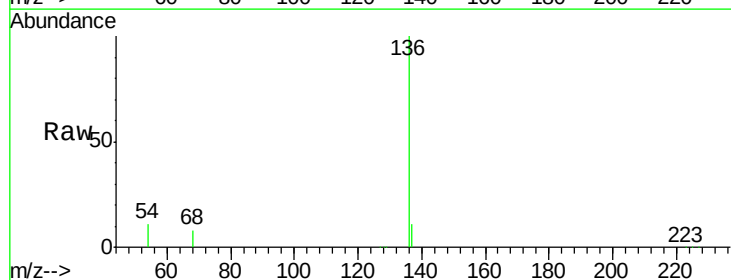
Ion Ratio Lower Upper

136 100

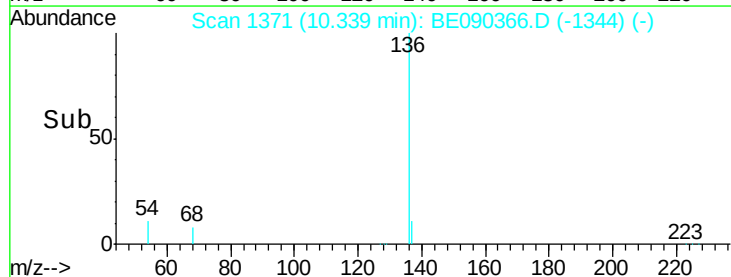
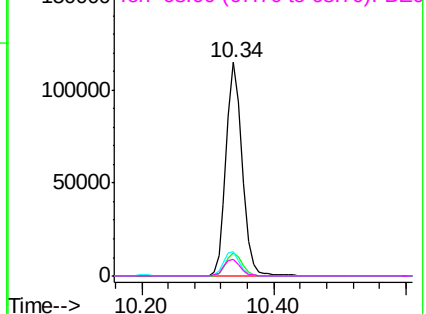
137 11.1 8.7 13.1

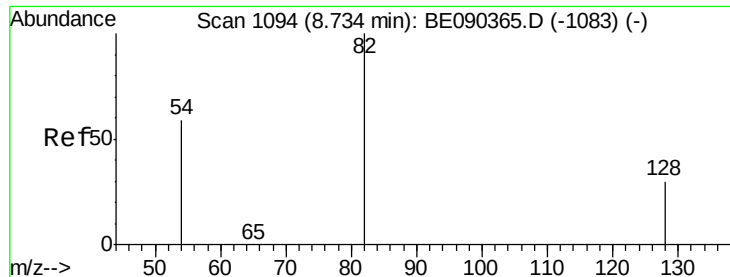
54 11.3 9.4 14.0

68 7.7 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BE0  
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 2.22 ng

RT: 8.72 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

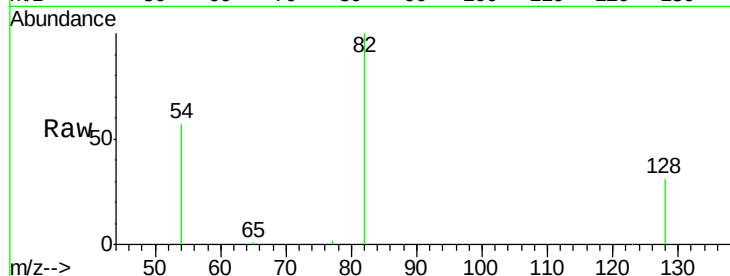
Tgt Ion: 82 Resp: 25778

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.6

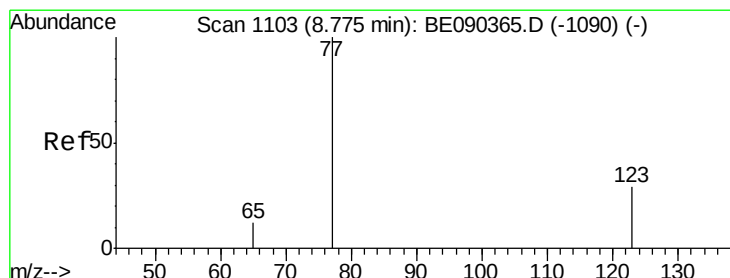
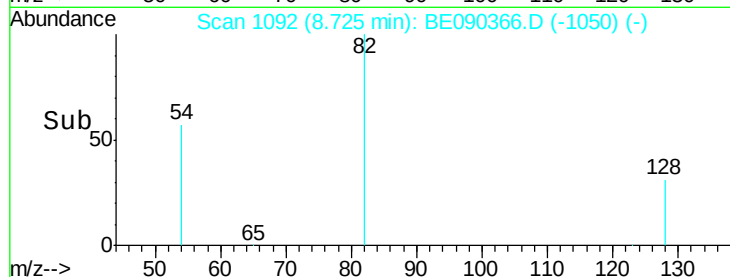
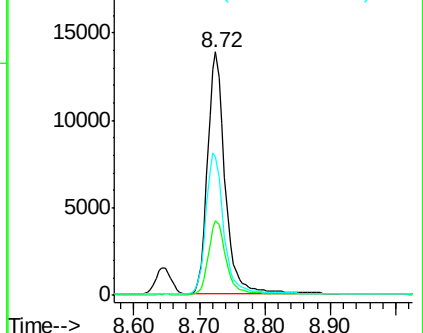
54 57.2 48.8 73.2



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: 2.32 ng

RT: 8.77 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

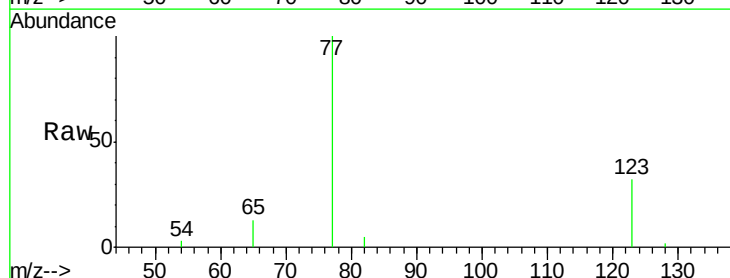
Tgt Ion: 77 Resp: 27756

Ion Ratio Lower Upper

77 100

123 32.7 25.1 37.7

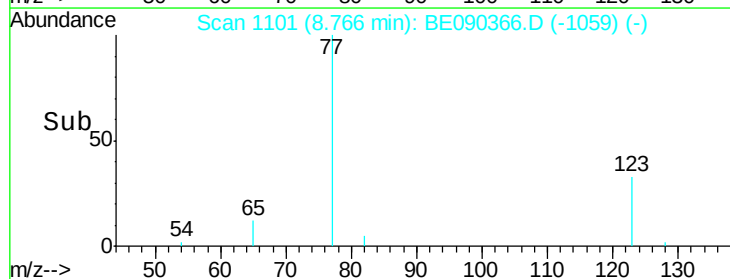
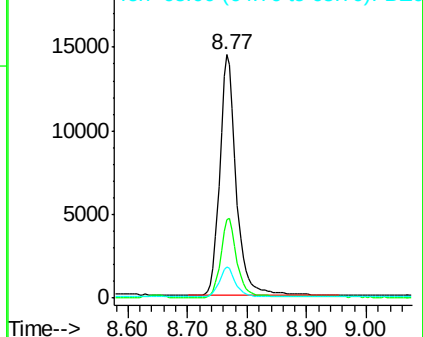
65 12.4 9.3 13.9

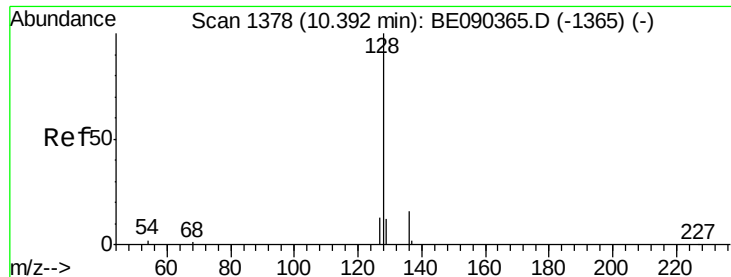


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 1.80 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE090366.D

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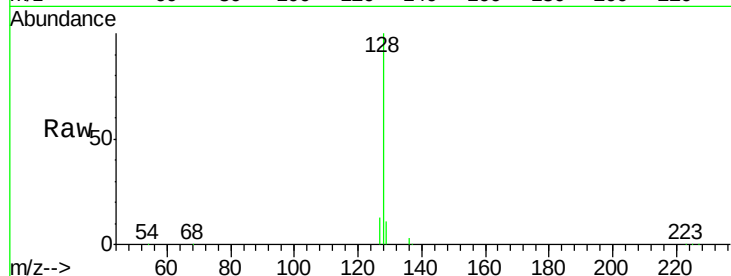
Tgt Ion:128 Resp: 75153

Ion Ratio Lower Upper

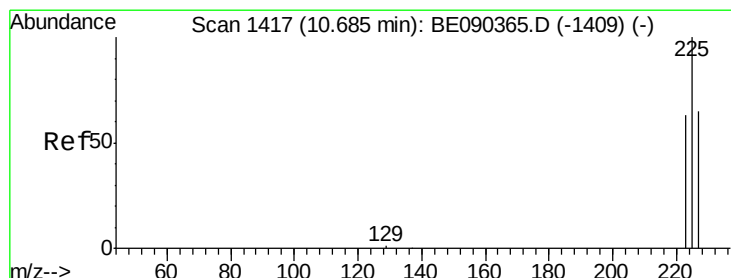
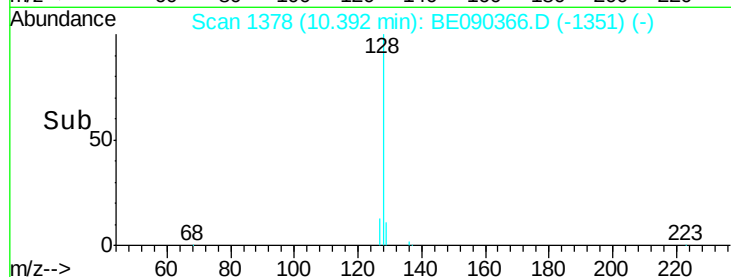
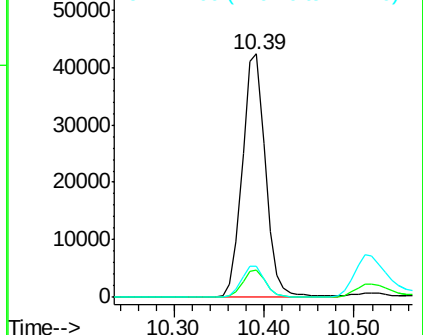
128 100

129 11.2 9.8 14.6

127 12.7 10.6 16.0



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: 2.20 ng

RT: 10.69 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

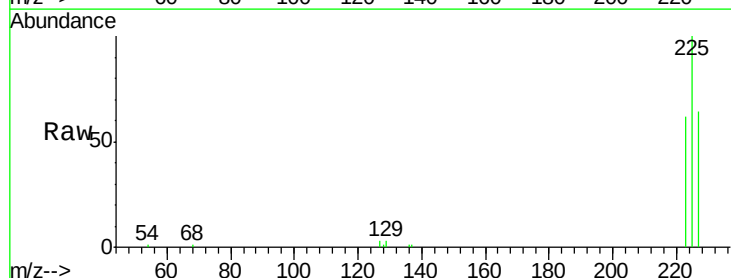
Tgt Ion:225 Resp: 12770

Ion Ratio Lower Upper

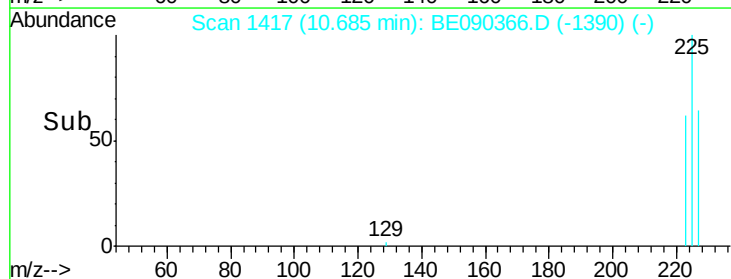
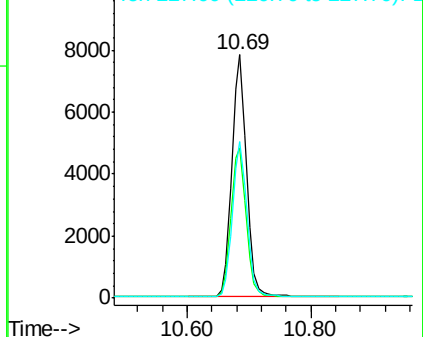
225 100

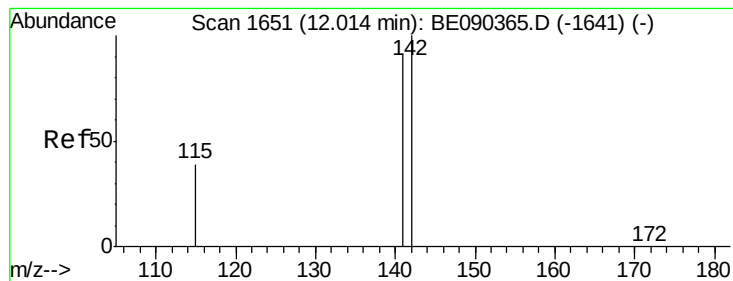
223 63.0 50.6 75.8

227 63.8 50.7 76.1



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: 1.82 ng

RT: 12.01 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

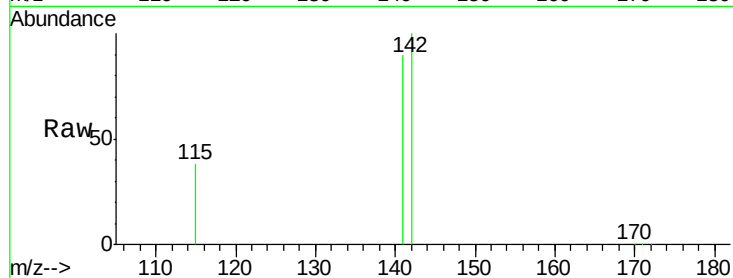
Tgt Ion:142 Resp: 46590

Ion Ratio Lower Upper

142 100

141 90.1 72.6 109.0

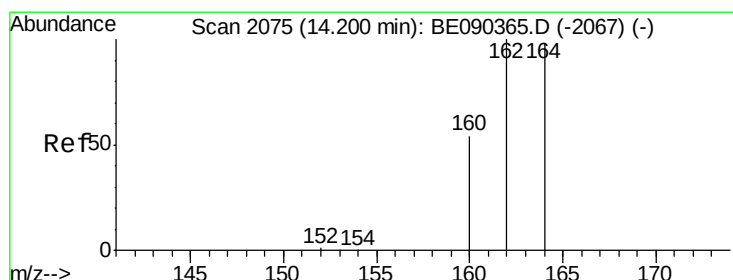
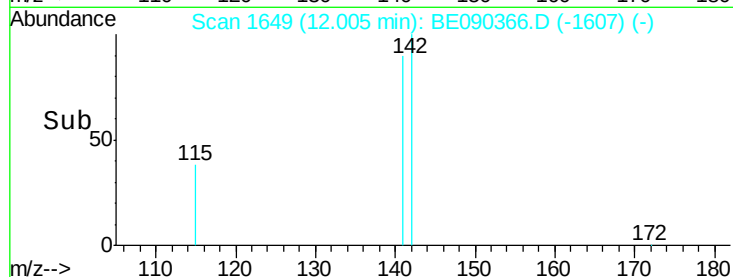
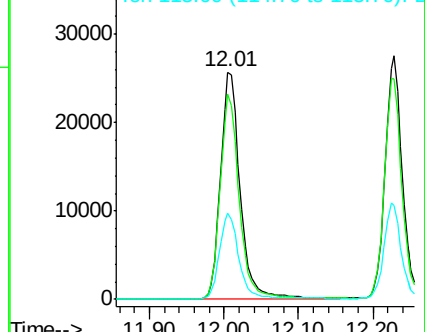
115 38.1 31.6 47.4



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: 14.20 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

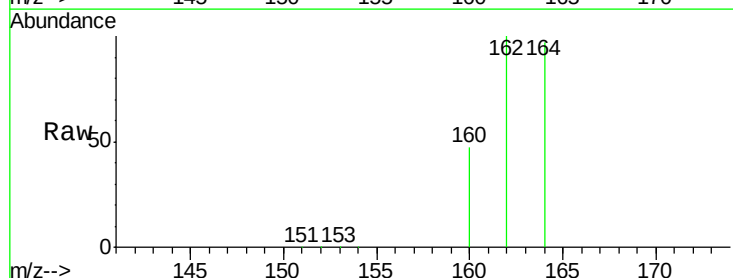
Tgt Ion:164 Resp: 113524

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.8

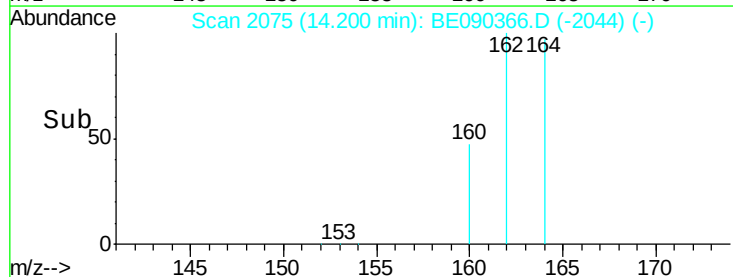
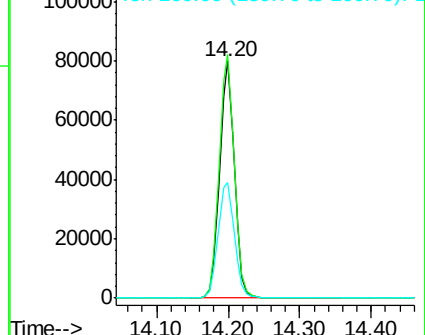
160 48.5 44.2 66.4



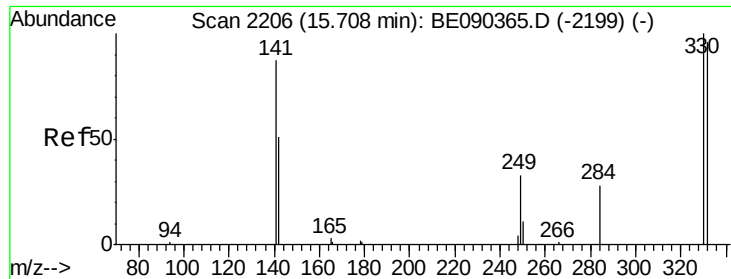
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



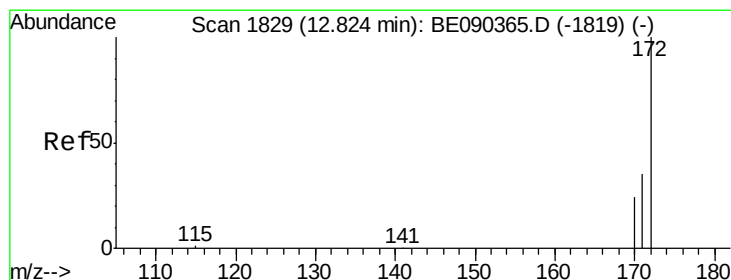
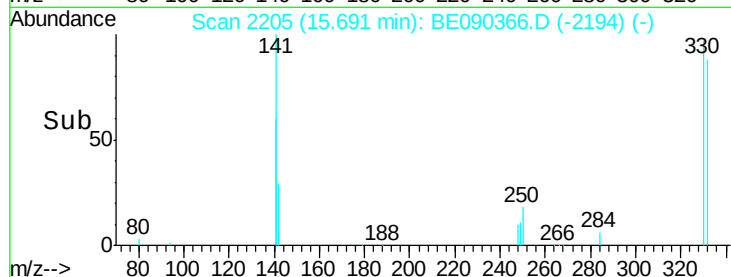
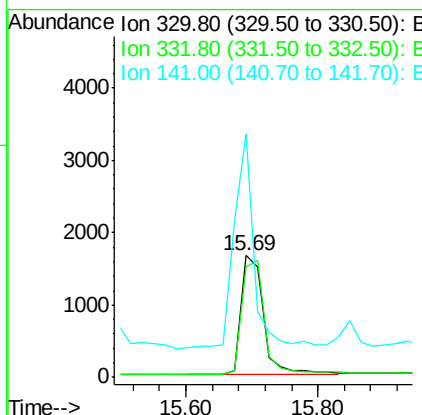
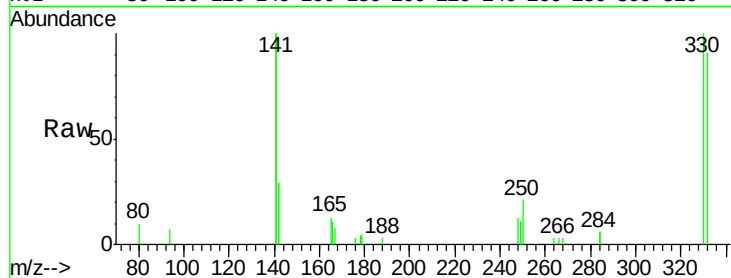




#13  
 2,4,6-Tribromophenol  
 Concen: 2.40 ng  
 RT: 15.69 min Scan# 2205  
 Delta R.T. -0.02 min  
 Lab File: BE090366.D  
 Acq: 5 Aug 2015 19:17

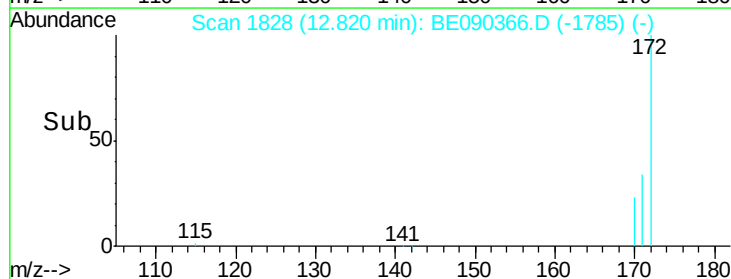
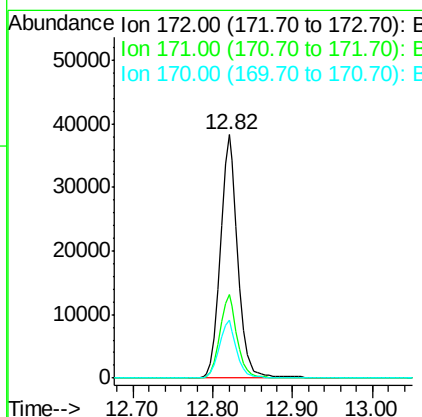
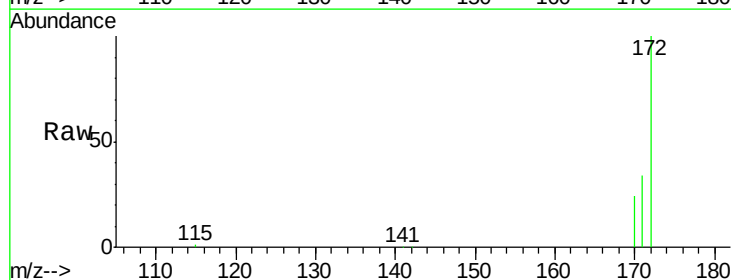
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC002

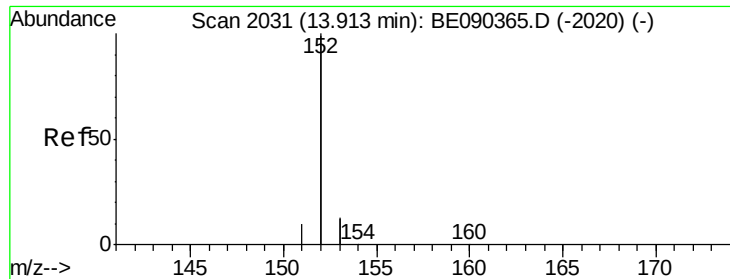
Tgt Ion:330 Resp: 3835  
 Ion Ratio Lower Upper  
 330 100  
 332 98.0 75.8 113.6  
 141 162.3 114.4 171.6



#14  
 2-Fluorobiphenyl  
 Concen: 1.75 ng  
 RT: 12.82 min Scan# 1828  
 Delta R.T. -0.00 min  
 Lab File: BE090366.D  
 Acq: 5 Aug 2015 19:17

Tgt Ion:172 Resp: 57330  
 Ion Ratio Lower Upper  
 172 100  
 171 34.4 28.5 42.7  
 170 23.6 19.8 29.8





#15

Acenaphthylene

Concen: 1.73 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

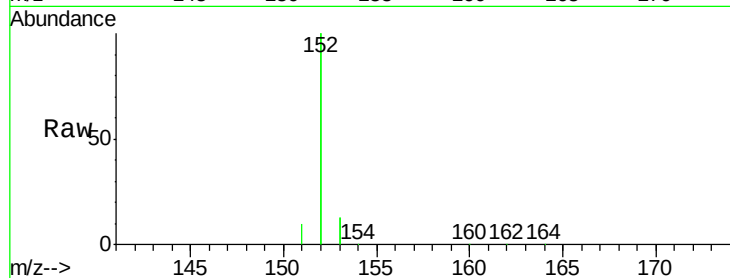
Tgt Ion:152 Resp: 340465

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

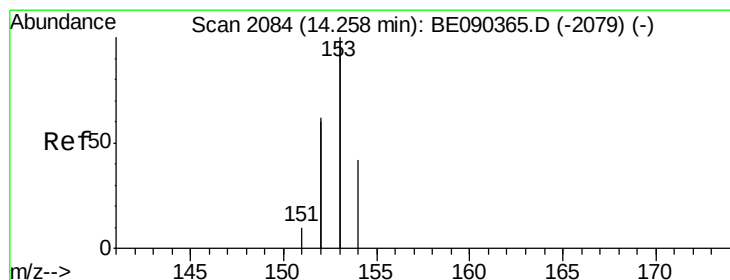
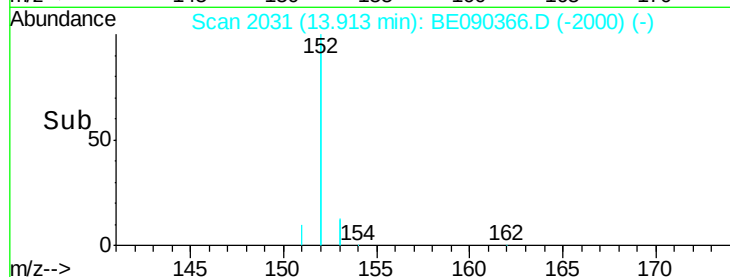
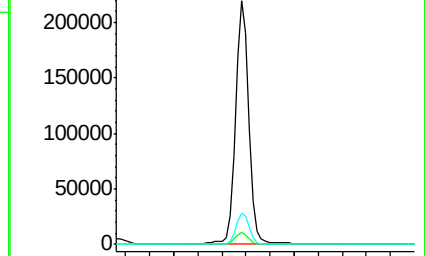
153 13.0 10.3 15.5



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: 1.75 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

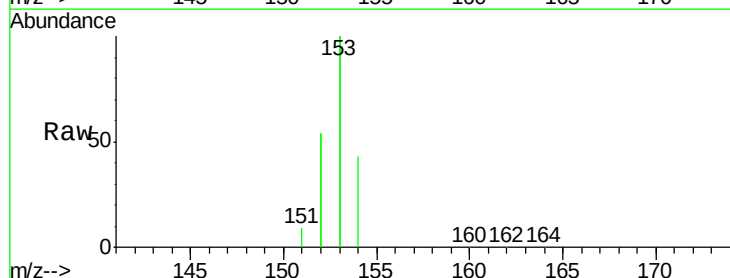
Tgt Ion:154 Resp: 50118

Ion Ratio Lower Upper

154 100

153 465.2 376.2 564.2

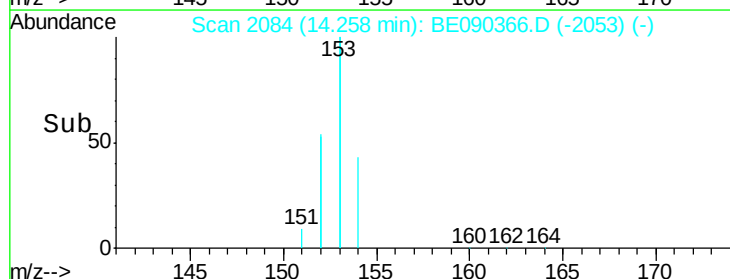
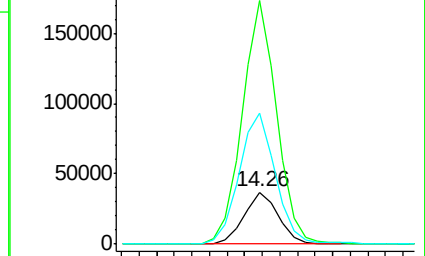
152 263.5 235.0 352.4

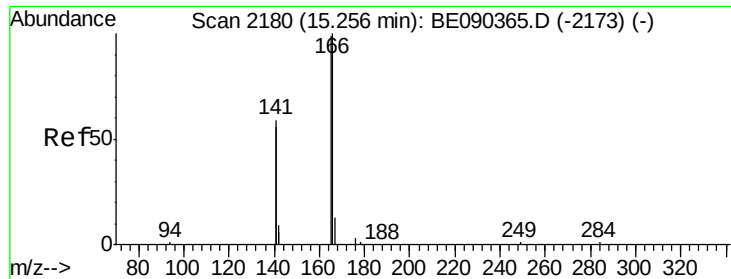


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

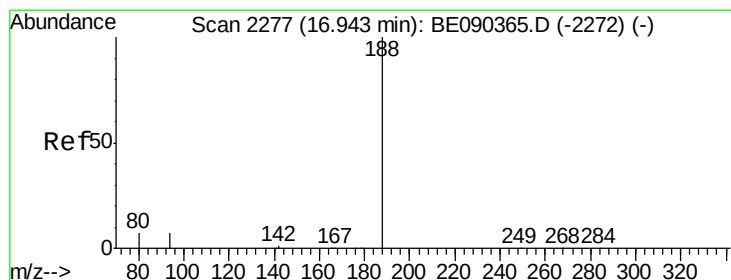
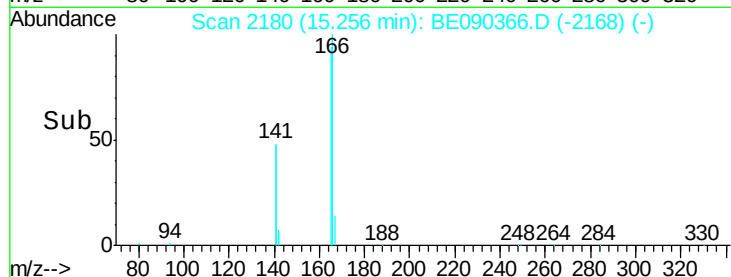
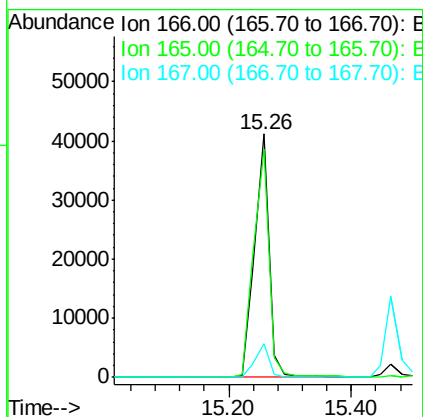
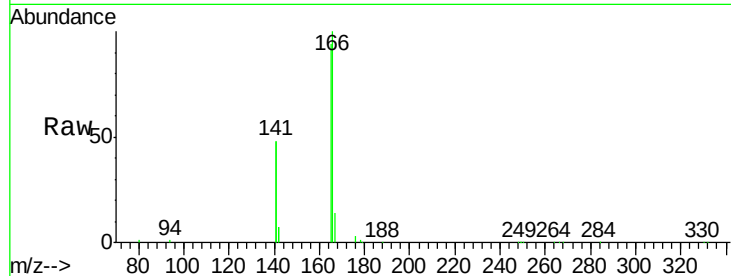




#17  
**Fluorene**  
 Concen: 1.89 ng  
 RT: 15.26 min Scan# 2180  
 Delta R.T. 0.00 min  
 Lab File: BE090366.D  
 Acq: 5 Aug 2015 19:17

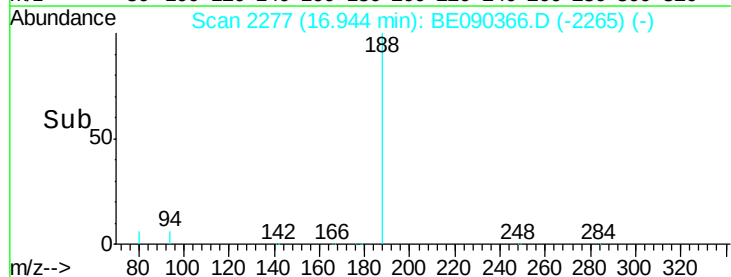
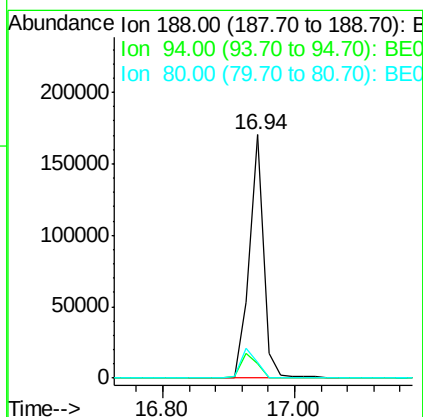
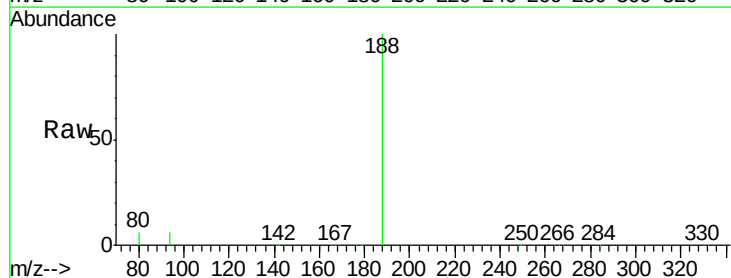
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC002

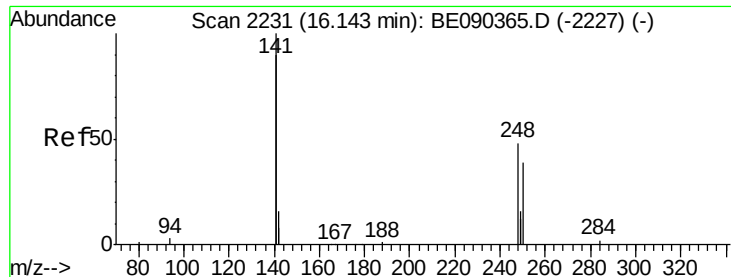
Tgt Ion:166 Resp: 66863  
 Ion Ratio Lower Upper  
 166 100  
 165 99.3 81.5 122.3  
 167 13.5 11.4 17.0



#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 16.94 min Scan# 2277  
 Delta R.T. 0.00 min  
 Lab File: BE090366.D  
 Acq: 5 Aug 2015 19:17

Tgt Ion:188 Resp: 258712  
 Ion Ratio Lower Upper  
 188 100  
 94 6.2 5.7 8.5  
 80 6.3 5.8 8.8





#19

4-Bromophenyl-phenylether

Concen: 1.95 ng

RT: 16.14 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

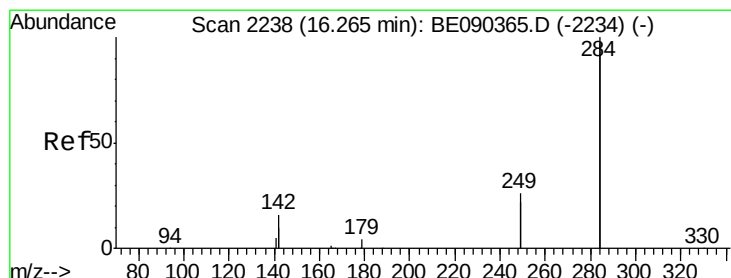
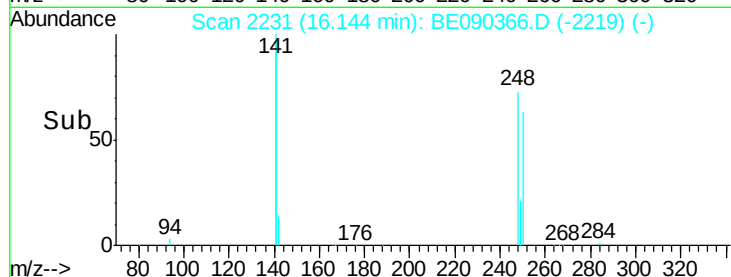
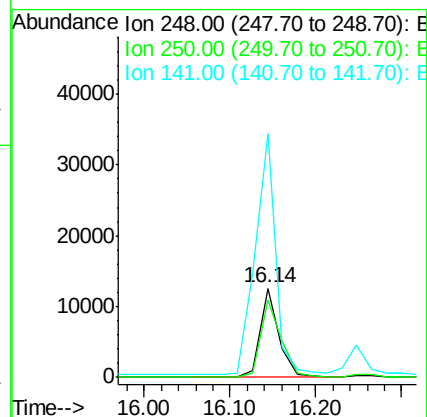
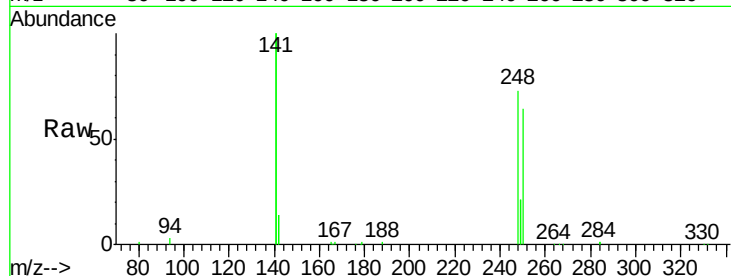
Tgt Ion:248 Resp: 18920

Ion Ratio Lower Upper

248 100

250 95.3 79.0 118.6

141 297.9 239.5 359.3



#20

Hexachlorobenzene

Concen: 2.37 ng

RT: 16.27 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

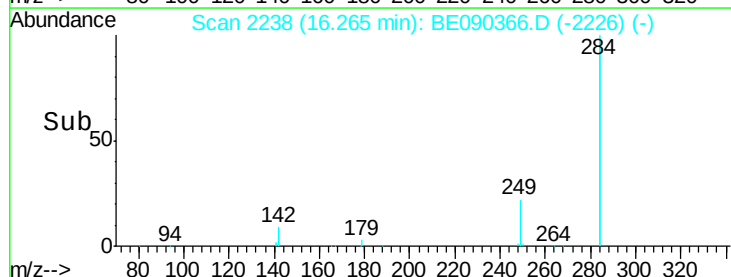
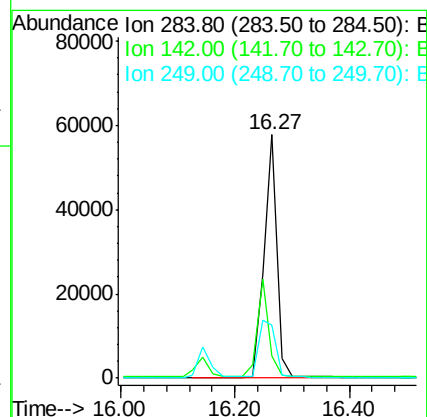
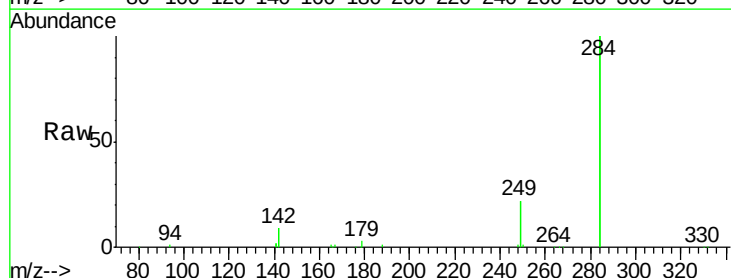
Tgt Ion:284 Resp: 91471

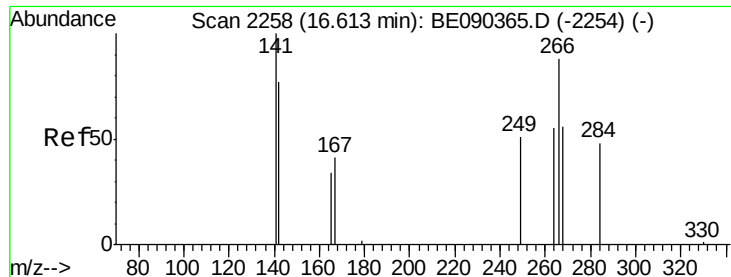
Ion Ratio Lower Upper

284 100

142 35.9 30.1 45.1

249 30.6 25.7 38.5





#21

Pentachlorophenol

Concen: 2.13 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

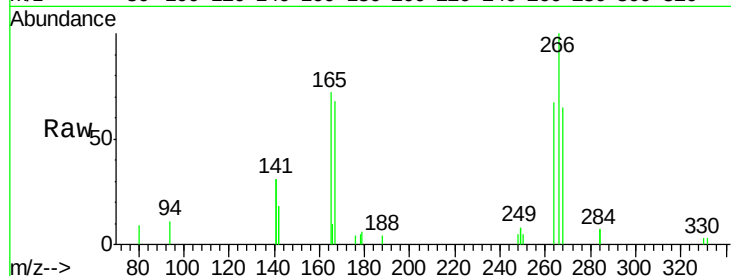
Tgt Ion:266 Resp: 4002

Ion Ratio Lower Upper

266 100

268 65.1 58.5 87.7

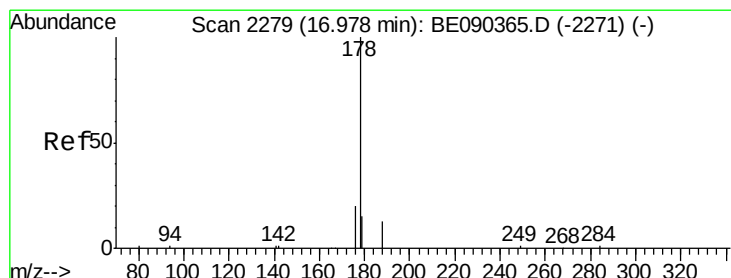
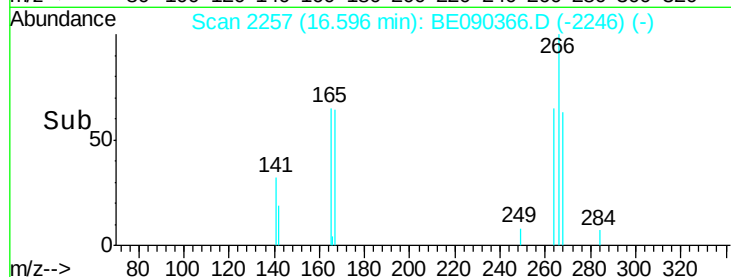
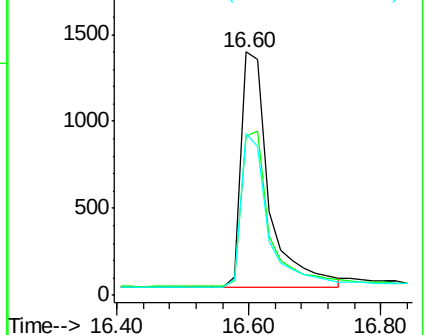
264 66.5 56.0 84.0



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



#22

Phenanthrene

Concen: 1.90 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

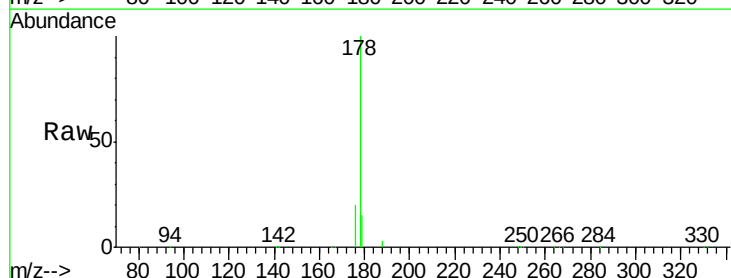
Tgt Ion:178 Resp: 113737

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

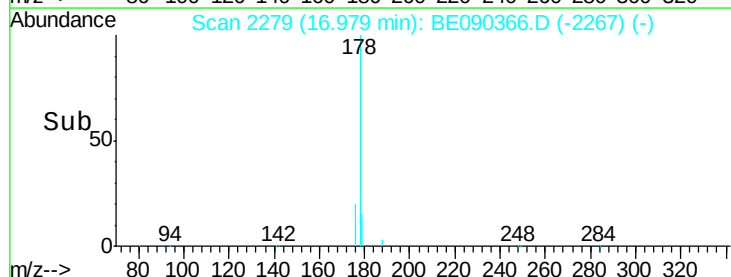
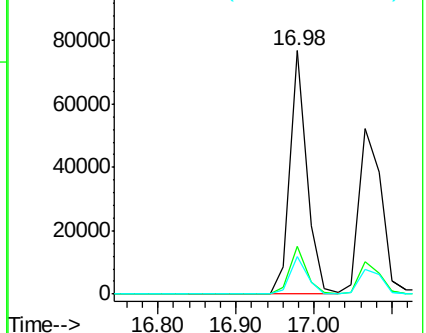
179 15.6 12.5 18.7

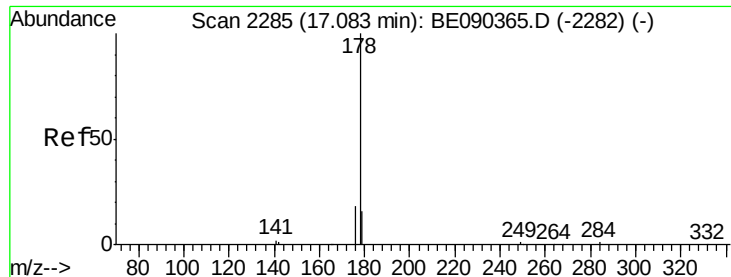


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 1.96 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

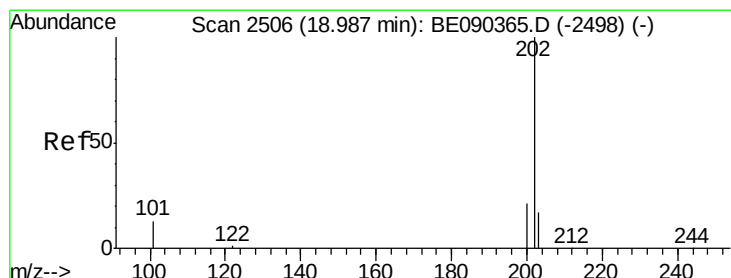
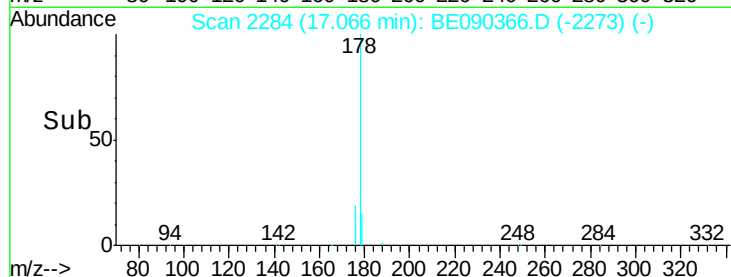
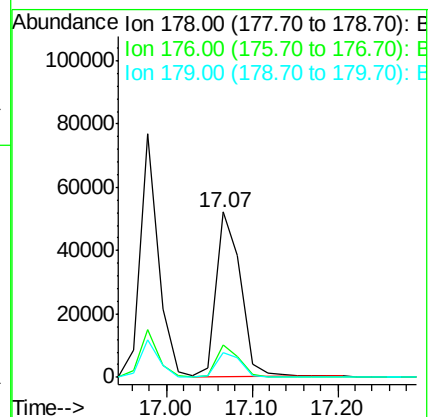
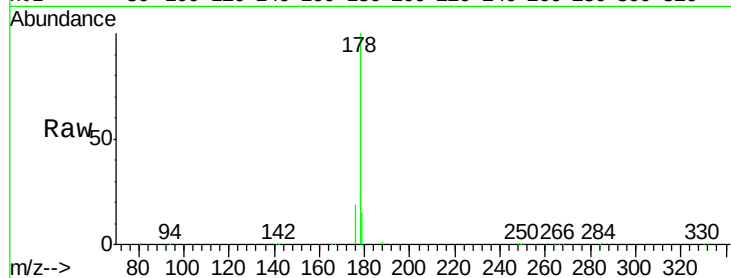
Tgt Ion:178 Resp: 103598

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.3 12.2 18.4



#24

Fluoranthene

Concen: 2.03 ng

RT: 18.99 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

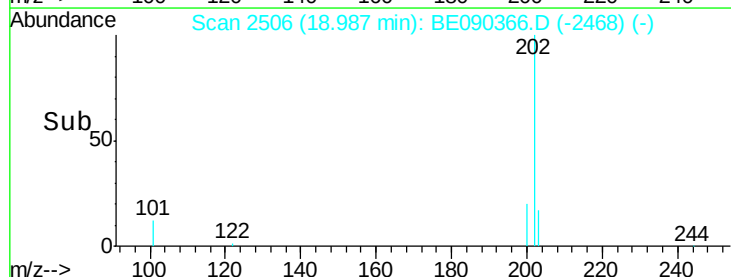
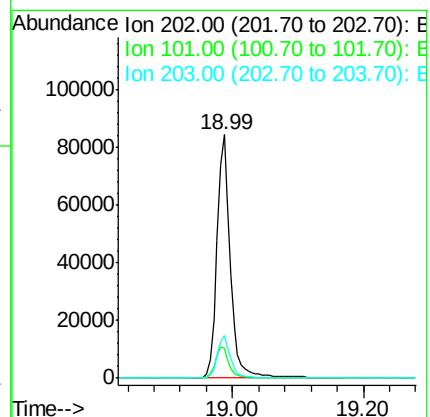
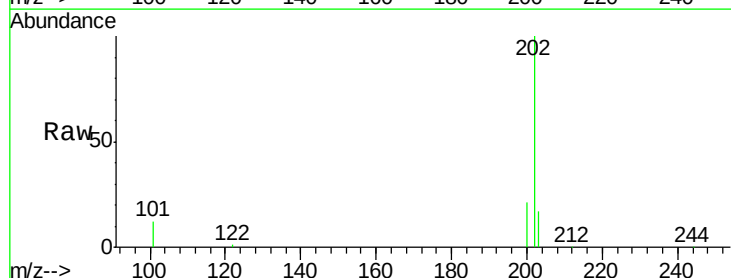
Tgt Ion:202 Resp: 121688

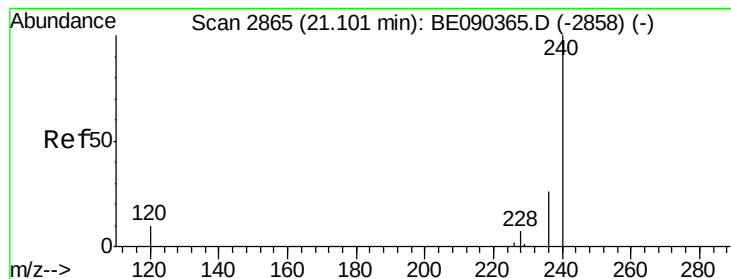
Ion Ratio Lower Upper

202 100

101 13.1 10.3 15.5

203 17.2 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.10 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

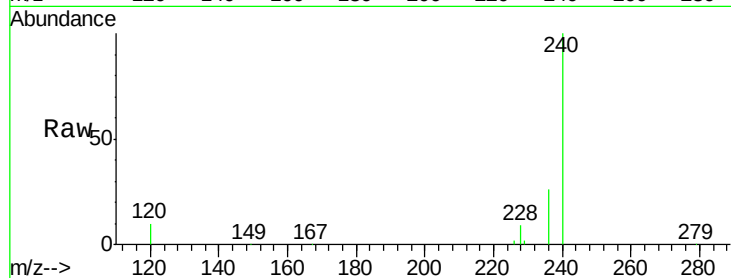
Tgt Ion:240 Resp: 318568

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

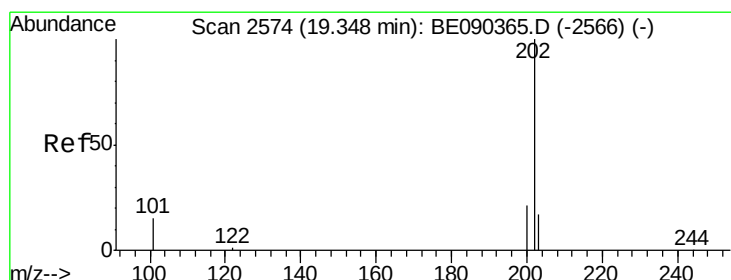
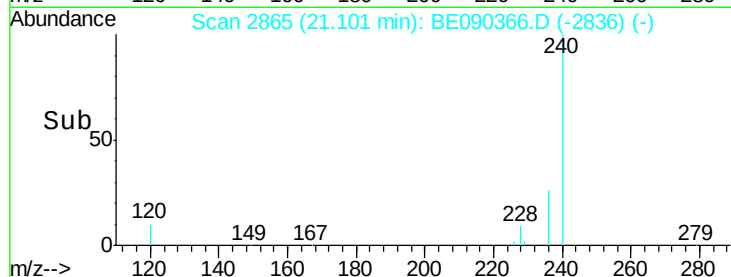
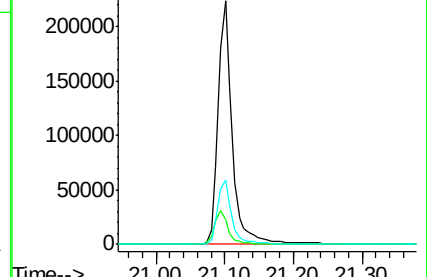
236 26.5 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.58 ng

RT: 19.35 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

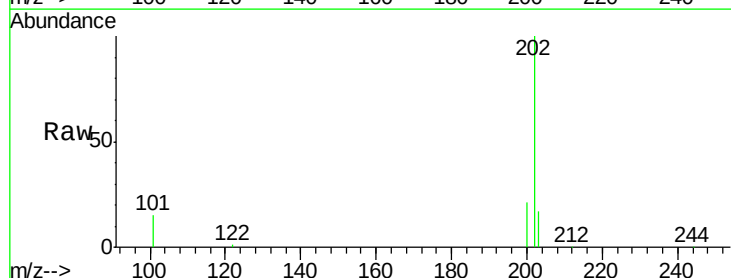
Tgt Ion:202 Resp: 131087

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

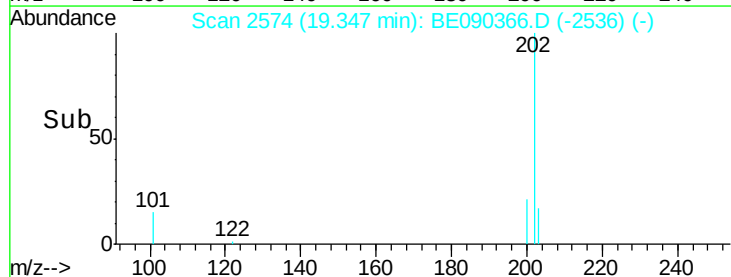
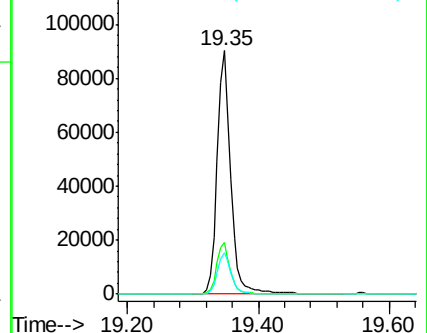
203 17.4 13.8 20.8

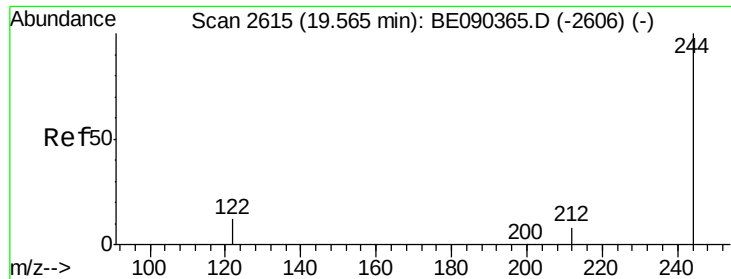


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

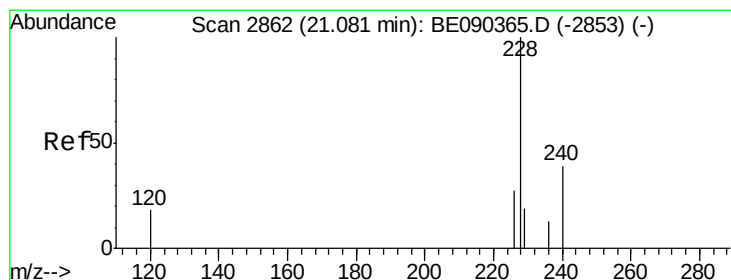
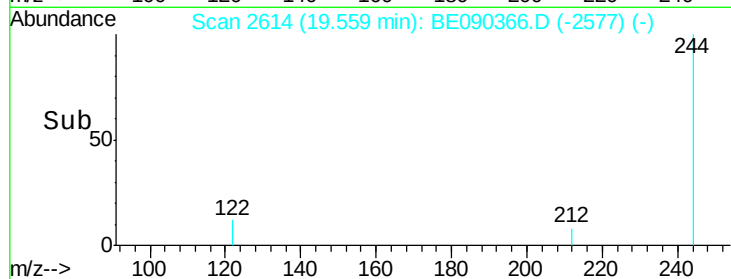
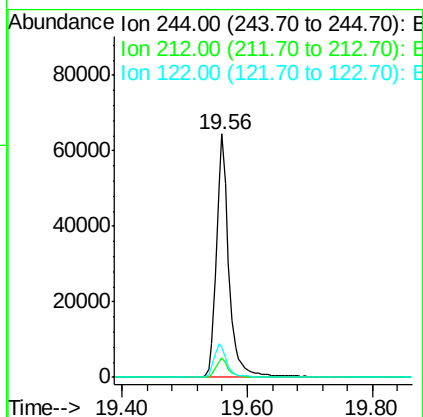
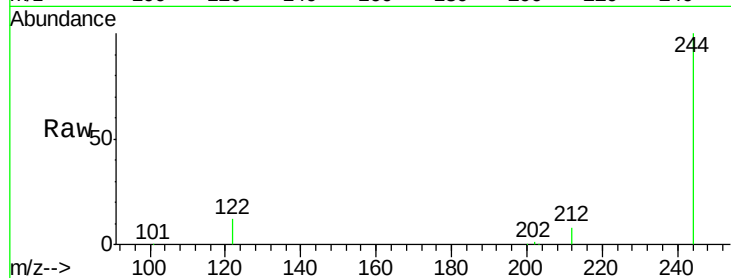




#27  
 Terphenyl-d14  
 Concen: 1.55 ng  
 RT: 19.56 min Scan# 2614  
 Delta R.T. -0.01 min  
 Lab File: BE090366.D  
 Acq: 5 Aug 2015 19:17

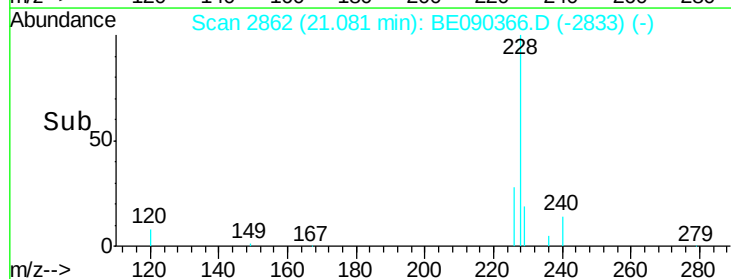
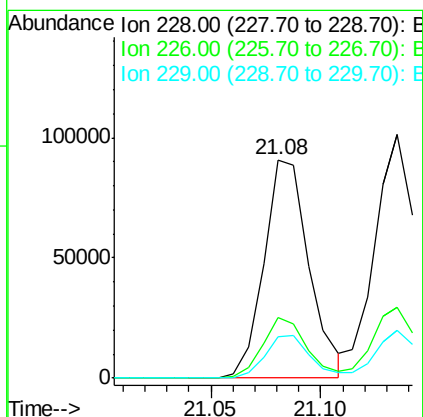
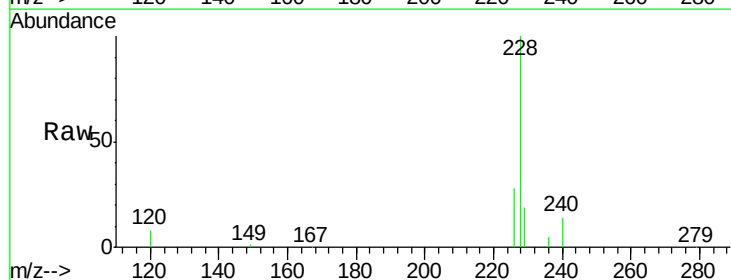
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC002

Tgt Ion: 244 Resp: 89504  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.6 9.8  
 122 12.1 10.2 15.4

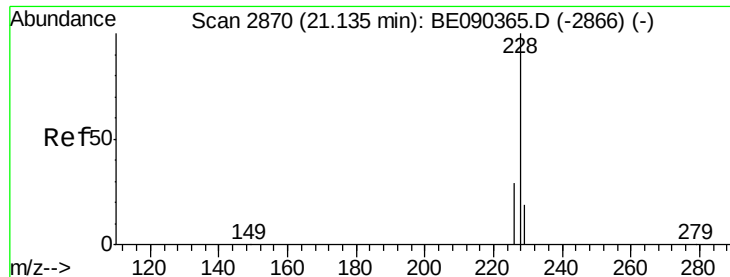


#28  
 Benzo(a)anthracene  
 Concen: 2.09 ng  
 RT: 21.08 min Scan# 2862  
 Delta R.T. -0.00 min  
 Lab File: BE090366.D  
 Acq: 5 Aug 2015 19:17

Tgt Ion: 228 Resp: 129378  
 Ion Ratio Lower Upper  
 228 100  
 226 27.8 21.9 32.9  
 229 19.2 15.4 23.0







#29

Chrysene

Concen: 2.08 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

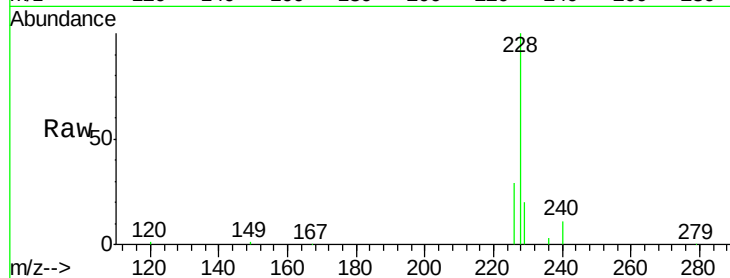
Tgt Ion:228 Resp: 152498

Ion Ratio Lower Upper

228 100

226 29.2 23.1 34.7

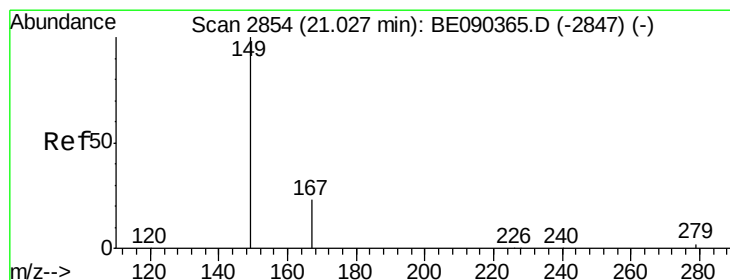
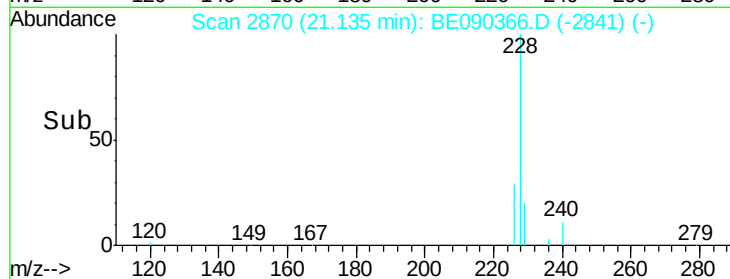
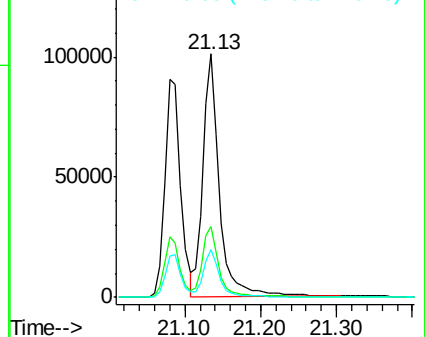
229 19.6 15.8 23.8



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.63 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

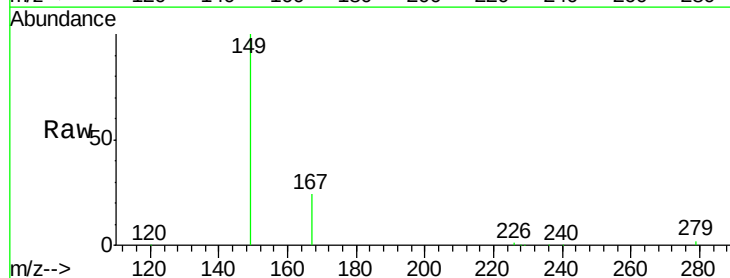
Tgt Ion:149 Resp: 33075

Ion Ratio Lower Upper

149 100

167 25.4 19.8 29.8

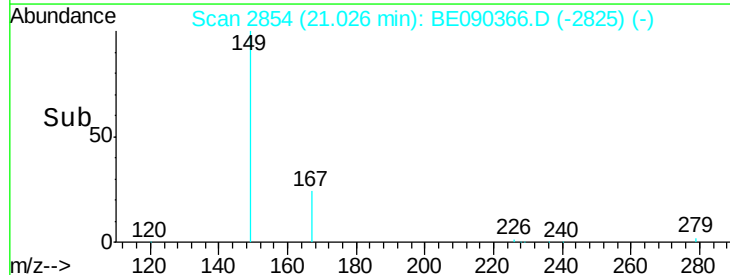
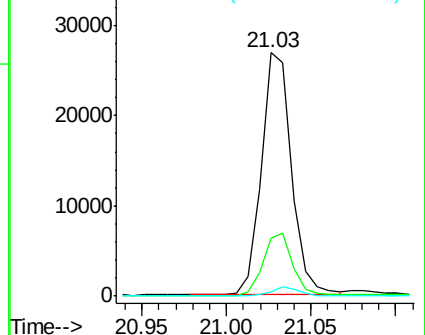
279 3.1 2.4 3.6

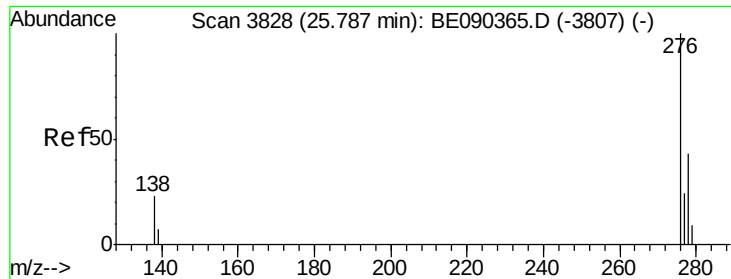


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 2.99 ng

RT: 25.79 min Scan# 3829

Delta R.T. 0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

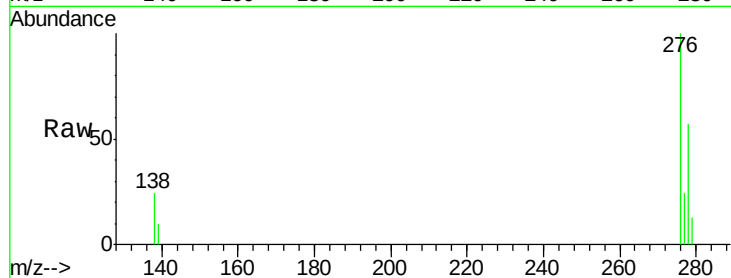
Tgt Ion:276 Resp: 119787

Ion Ratio Lower Upper

276 100

138 25.0 18.8 28.2

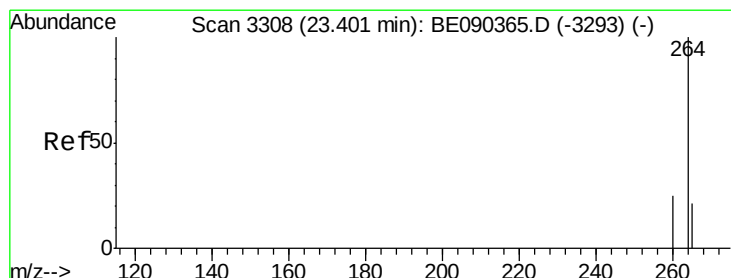
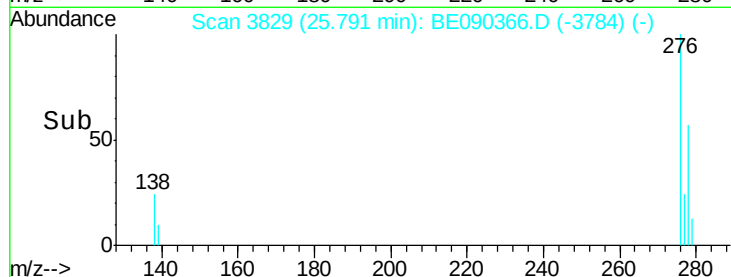
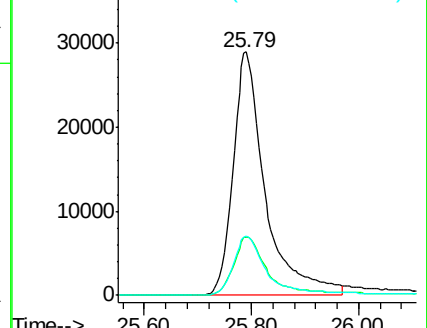
277 24.9 18.2 27.4



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: 23.40 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

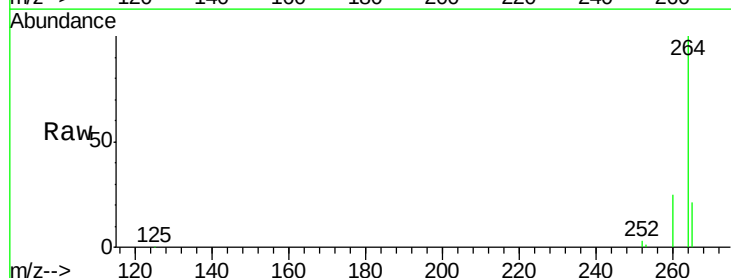
Tgt Ion:264 Resp: 296844

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

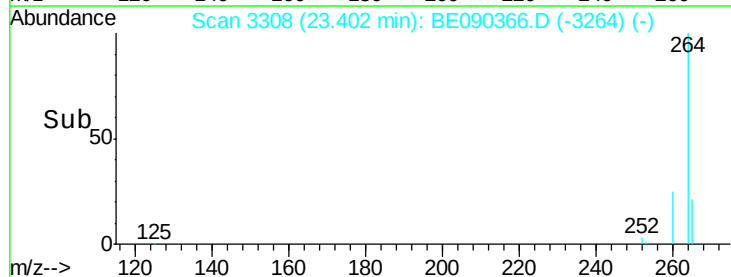
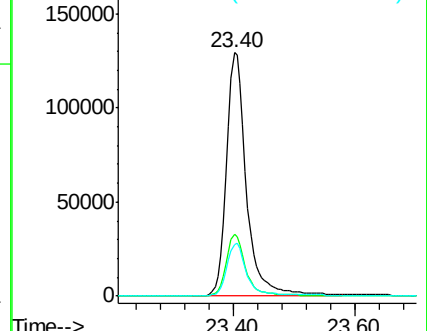
265 21.5 17.2 25.8

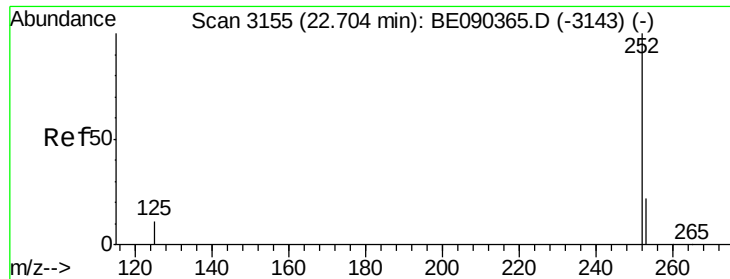


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 2.05 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

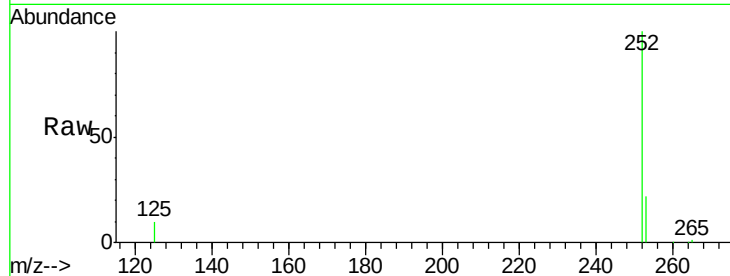
Tgt Ion:252 Resp: 107252

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

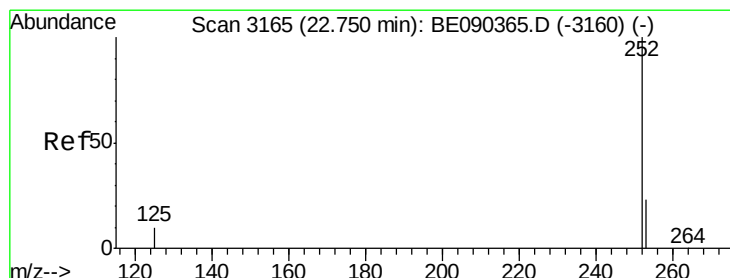
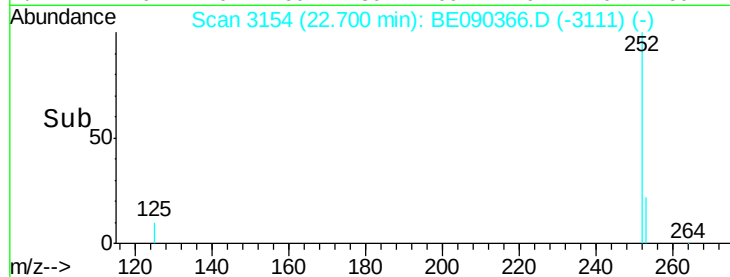
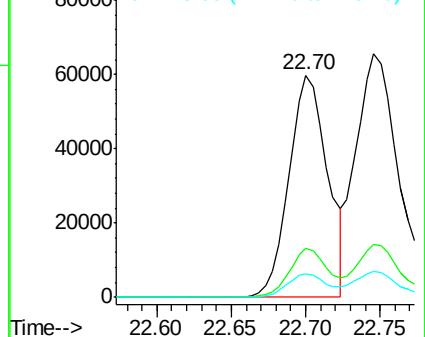
125 10.5 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 1.82 ng

RT: 22.75 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

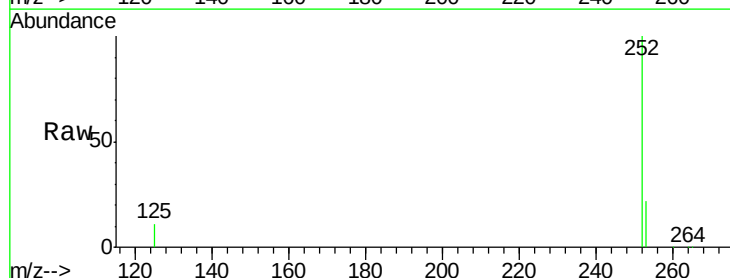
Tgt Ion:252 Resp: 145133

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

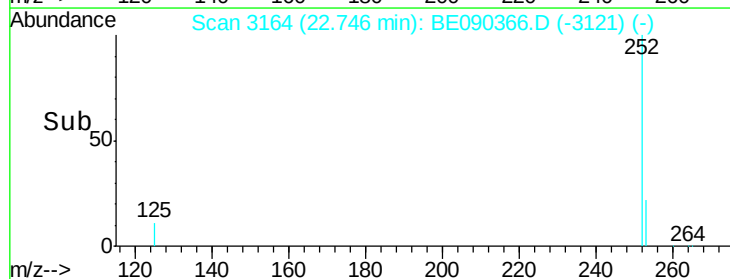
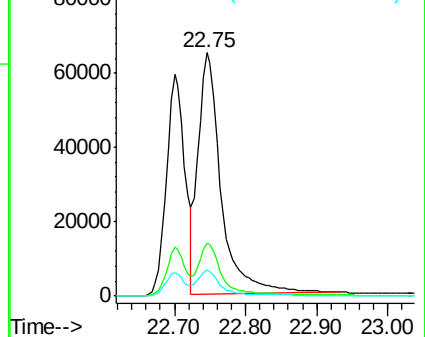
125 10.8 9.1 13.7

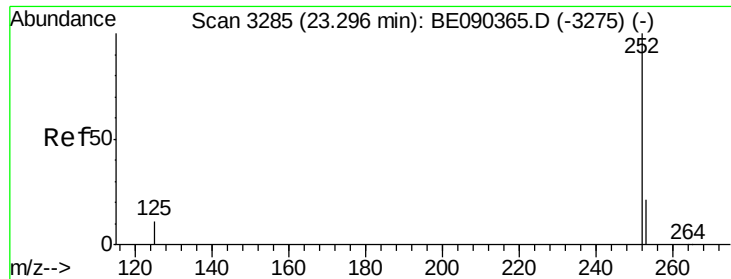


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 2.02 ng

RT: 23.30 min Scan# 3286

Delta R.T. 0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDICC002

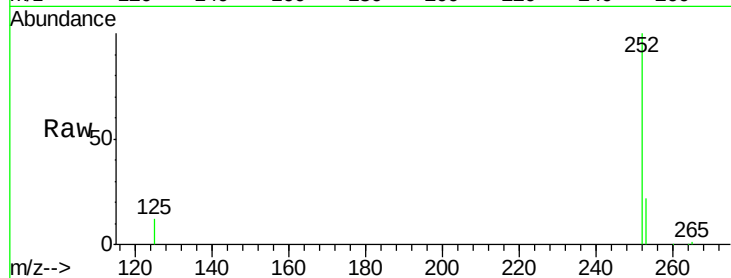
Tgt Ion:252 Resp: 98294

Ion Ratio Lower Upper

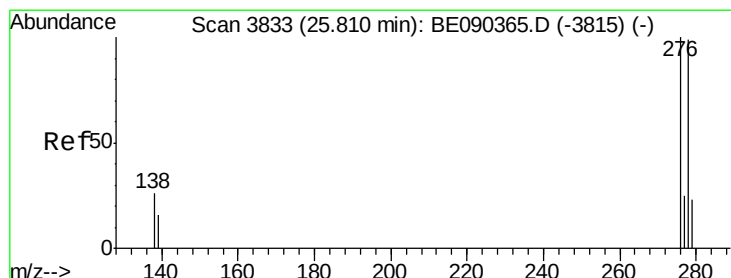
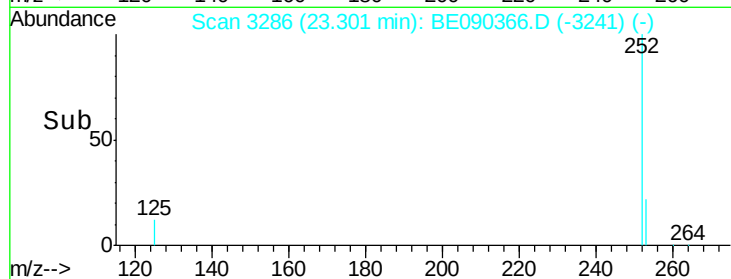
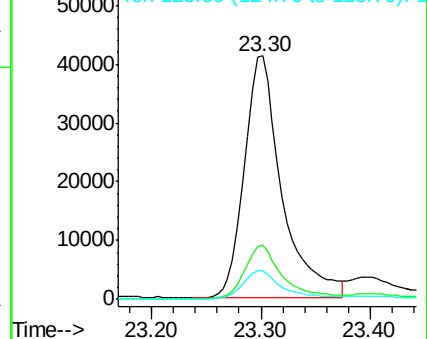
252 100

253 22.1 17.6 26.4

125 11.8 9.8 14.6



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



#36

Dibenzo(a,h)anthracene

Concen: 2.94 ng

RT: 25.81 min Scan# 3833

Delta R.T. -0.00 min

Lab File: BE090366.D

Acq: 5 Aug 2015 19:17

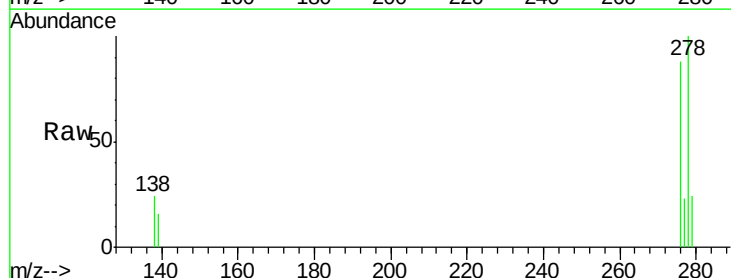
Tgt Ion:278 Resp: 92554

Ion Ratio Lower Upper

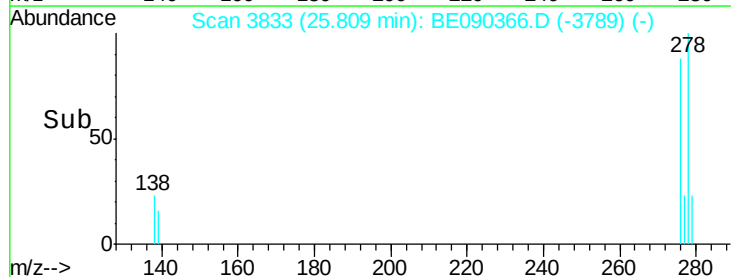
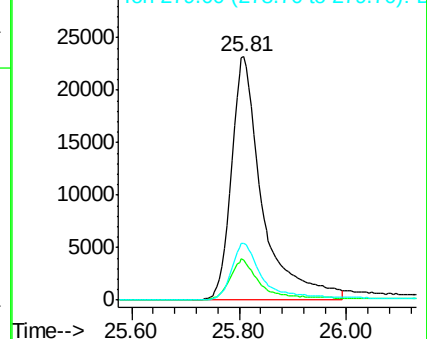
278 100

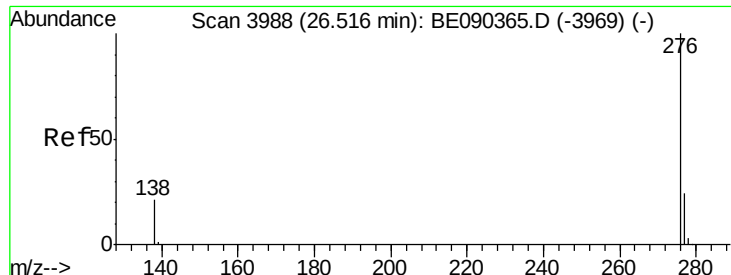
139 16.4 14.2 21.4

279 23.5 20.1 30.1



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: 2.03 ng

RT: 26.52 min Scan# 3989

Delta R.T. 0.00 min

Lab File: BE090366.D

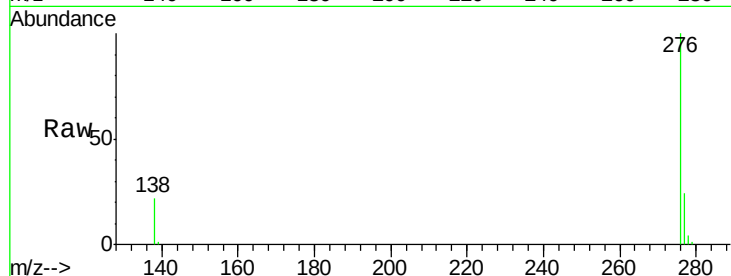
Acq: 5 Aug 2015 19:17

Instrument :

BNA\_E

ClientSampleId :

SSTDIC002



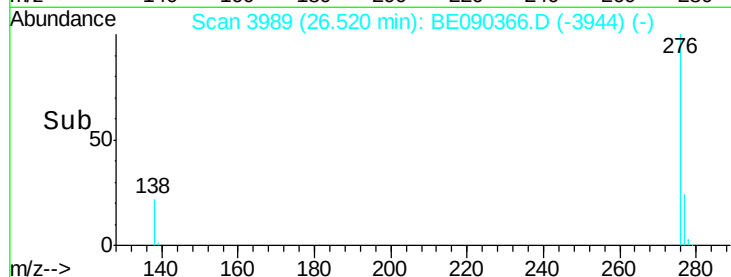
Tgt Ion: 276 Resp: 104865

Ion Ratio Lower Upper

276 100

277 23.9 20.1 30.1

138 22.1 18.1 27.1



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

