

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071715\  
 Data File : BE090154.D  
 Acq On : 17 Jul 2015 20:22  
 Operator : TP/IZ  
 Sample : SSTDICCC001  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICCC001

Quant Time: Jul 18 00:02:55 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE071715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 17 23:58:28 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 9838     | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.36 | 136  | 46727    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.22 | 164  | 26284    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 16.96 | 188  | 66110    | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12          | 21.11 | 240  | 76280    | 5.00 | ng    | 0.00     |
| 32) Perylene-d12          | 23.43 | 264  | 78419    | 5.00 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.24  | 112 | 2286  | 1.06 | ng | 0.00 |
| 5) Phenol-d6                | 6.79  | 99  | 2997  | 1.00 | ng | 0.00 |
| 7) Nitrobenzene-d5          | 8.75  | 82  | 3017  | 0.88 | ng | 0.00 |
| 13) 2,4,6-Tribromophenol    | 15.73 | 330 | 603   | 1.25 | ng | 0.00 |
| 14) 2-Fluorobiphenyl        | 12.84 | 172 | 7621  | 0.95 | ng | 0.00 |
| 27) Terphenyl-d14           | 19.58 | 244 | 12578 | 0.99 | ng | 0.00 |

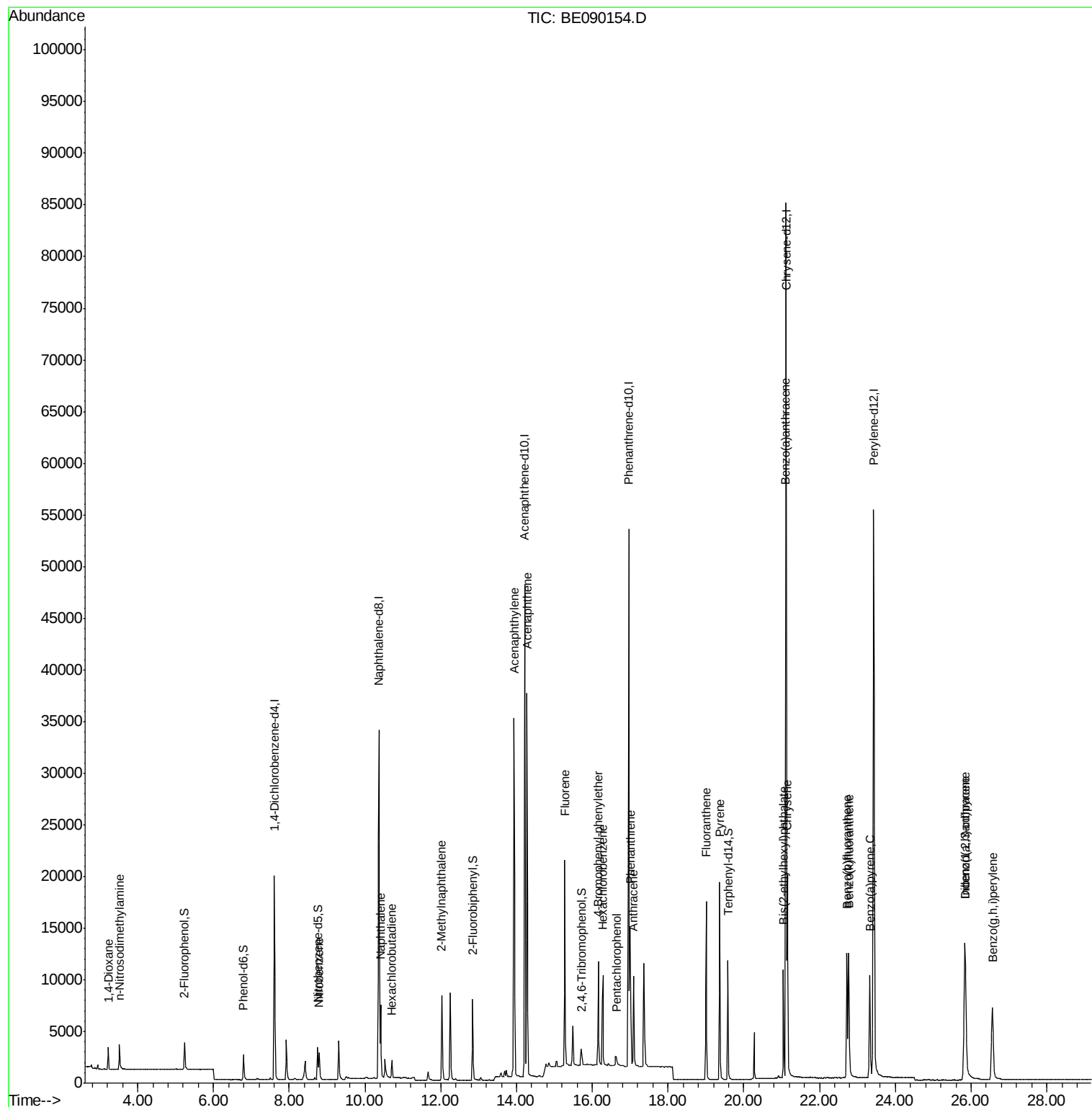
|                                |       |     |       |      |        |     |
|--------------------------------|-------|-----|-------|------|--------|-----|
| Target Compounds               |       |     |       |      | Qvalue |     |
| 2) 1,4-Dioxane                 | 3.22  | 88  | 1176  | 0.90 | ng     | 100 |
| 3) n-Nitrosodimethylamine      | 3.51  | 42  | 1692  | 1.07 | ng     | 100 |
| 8) Nitrobenzene                | 8.79  | 77  | 3076  | 0.86 | ng     | 100 |
| 9) Naphthalene                 | 10.41 | 128 | 9691  | 0.92 | ng     | 100 |
| 10) Hexachlorobutadiene        | 10.71 | 225 | 1205  | 0.70 | ng     | 100 |
| 11) 2-Methylnaphthalene        | 12.03 | 142 | 6549  | 0.97 | ng     | 100 |
| 15) Acenaphthylene             | 13.93 | 152 | 46051 | 0.98 | ng     | 100 |
| 16) Acenaphthene               | 14.28 | 154 | 6475  | 0.96 | ng     | 100 |
| 17) Fluorene                   | 15.27 | 166 | 8773  | 0.99 | ng     | 100 |
| 19) 4-Bromophenyl-phenylether  | 16.16 | 248 | 2378  | 0.86 | ng     | 100 |
| 20) Hexachlorobenzene          | 16.28 | 284 | 8518  | 0.72 | ng     | 100 |
| 21) Pentachlorophenol          | 16.63 | 266 | 741   | 1.33 | ng     | 100 |
| 22) Phenanthrene               | 17.00 | 178 | 14485 | 0.88 | ng     | 100 |
| 23) Anthracene                 | 17.08 | 178 | 13375 | 0.91 | ng     | 100 |
| 24) Fluoranthene               | 19.00 | 202 | 16236 | 0.99 | ng     | 100 |
| 26) Pyrene                     | 19.36 | 202 | 16986 | 0.84 | ng     | 100 |
| 28) Benzo(a)anthracene         | 21.10 | 228 | 16701 | 1.23 | ng     | 100 |
| 29) Chrysene                   | 21.15 | 228 | 17165 | 0.77 | ng     | 100 |
| 30) Bis(2-ethylhexyl)phthalate | 21.05 | 149 | 8740  | 2.36 | ng     | 100 |
| 31) Indeno(1,2,3-cd)pyrene     | 25.83 | 276 | 20175 | 3.02 | ng     | 100 |
| 33) Benzo(b)fluoranthene       | 22.72 | 252 | 15999 | 2.15 | ng     | 100 |
| 34) Benzo(k)fluoranthene       | 22.77 | 252 | 18255 | 1.10 | ng     | 100 |
| 35) Benzo(a)pyrene             | 23.32 | 252 | 15522 | 1.65 | ng     | 100 |
| 36) Dibenzo(a,h)anthracene     | 25.85 | 278 | 16155 | 2.73 | ng     | 100 |
| 37) Benzo(g,h,i)perylene       | 26.57 | 276 | 16889 | 1.71 | ng     | 100 |

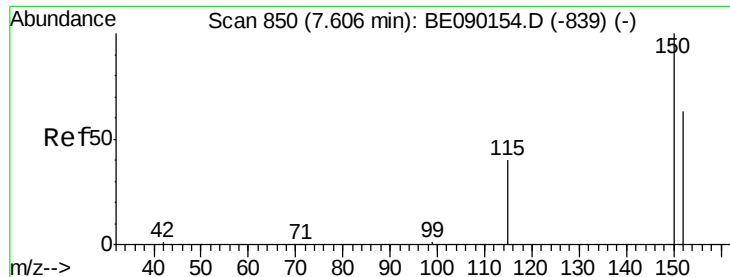
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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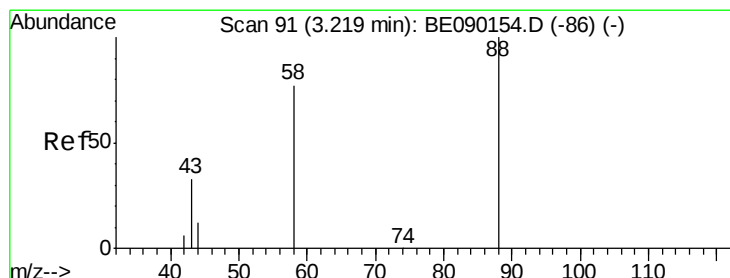
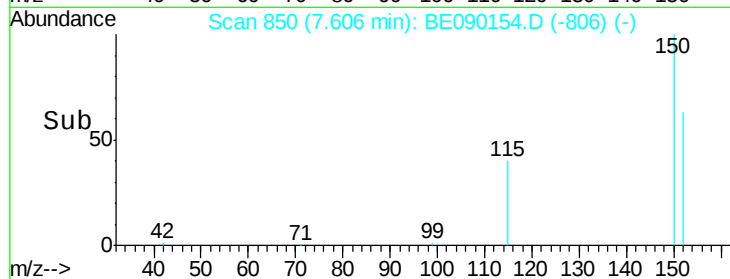
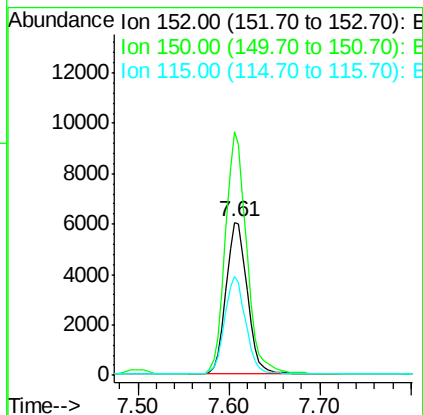
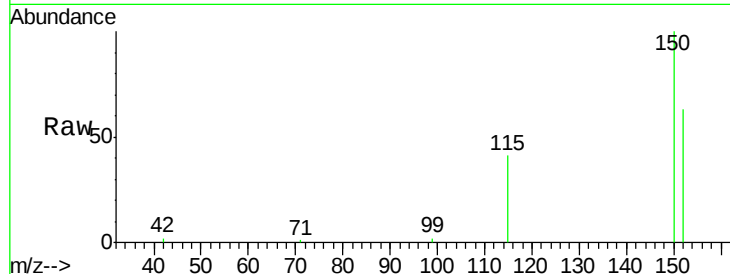


#1

1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.61 min Scan# 850  
Delta R.T. 0.00 min  
Lab File: BE090154.D  
Acq: 17 Jul 2015 20:22

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICCC001

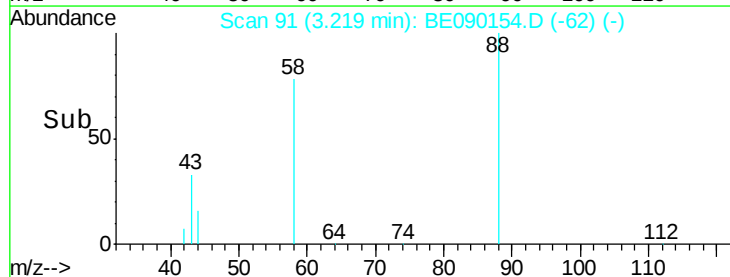
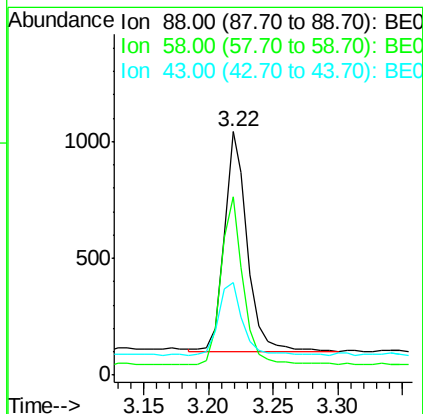
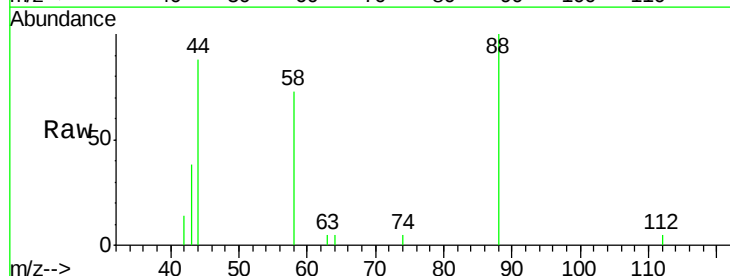
Tot Ion:152 Resp: 9838  
Ion Ratio Lower Upper  
152 100  
150 159.0 127.2 190.8  
115 64.5 51.6 77.4

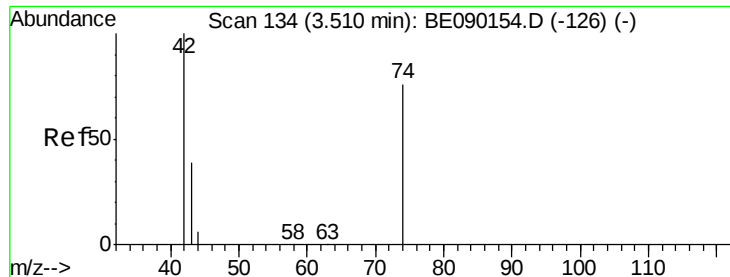


#2

1,4-Dioxane  
Concen: 0.90 ng  
RT: 3.22 min Scan# 91  
Delta R.T. 0.00 min  
Lab File: BE090154.D  
Acq: 17 Jul 2015 20:22

Tgt Ion: 88 Resp: 1176  
Ion Ratio Lower Upper  
88 100  
58 72.7 58.2 87.2  
43 34.6 27.7 41.5



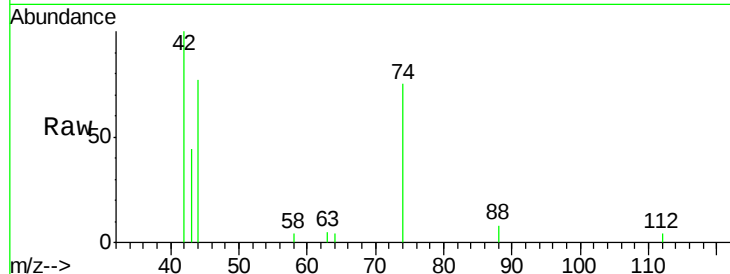


#3

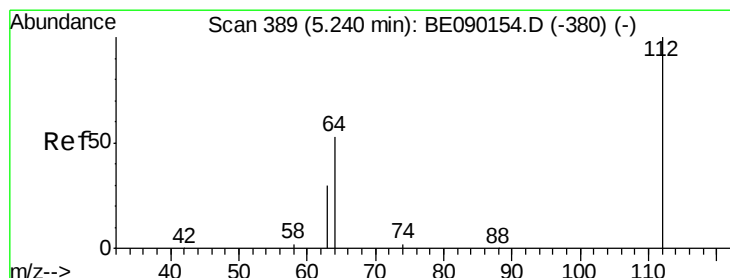
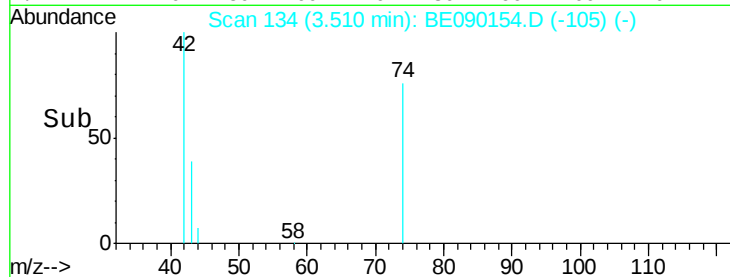
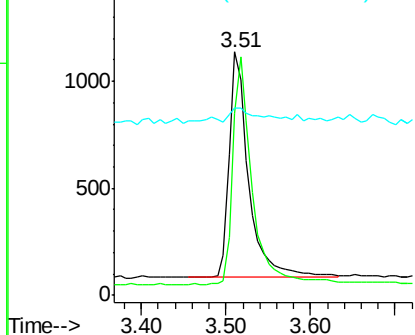
n-Nitrosodimethylamine  
 Concen: 1.07 ng  
 RT: 3.51 min Scan# 134  
 Delta R.T. 0.00 min  
 Lab File: BE090154.D  
 Acq: 17 Jul 2015 20:22

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC001

Tot Ion: 42 Resp: 1692  
 Ion Ratio Lower Upper  
 42 100  
 74 102.6 82.2 123.4  
 44 9.4 7.5 11.3



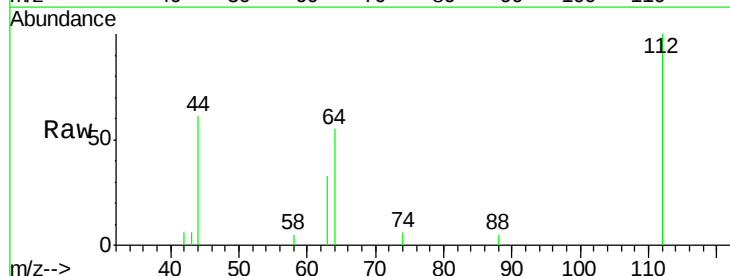
Abundance Ion 42.00 (41.70 to 42.70): BE0  
 Ion 74.00 (73.70 to 74.70): BE0  
 Ion 44.00 (43.70 to 44.70): BE0



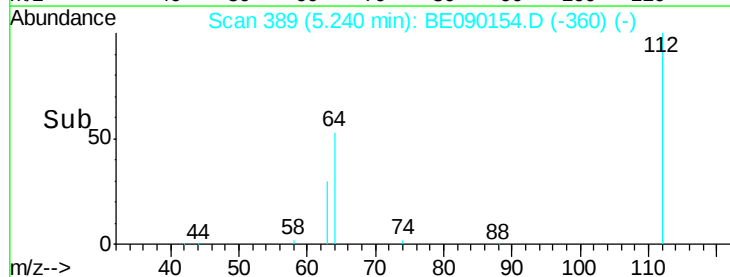
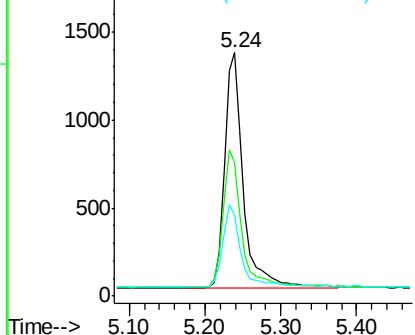
#4

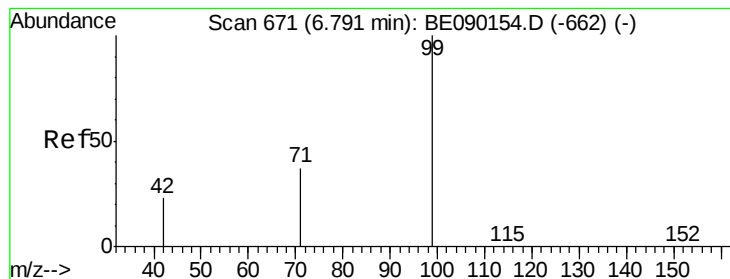
2-Fluorophenol  
 Concen: 1.06 ng  
 RT: 5.24 min Scan# 389  
 Delta R.T. 0.00 min  
 Lab File: BE090154.D  
 Acq: 17 Jul 2015 20:22

Tgt Ion: 112 Resp: 2286  
 Ion Ratio Lower Upper  
 112 100  
 64 58.4 46.7 70.1  
 63 34.1 27.3 40.9



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: 1.00 ng

RT: 6.79 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC001

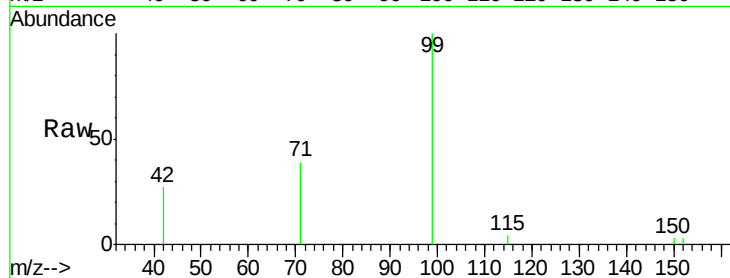
Tot Ion: 99 Resp: 2997

Ion Ratio Lower Upper

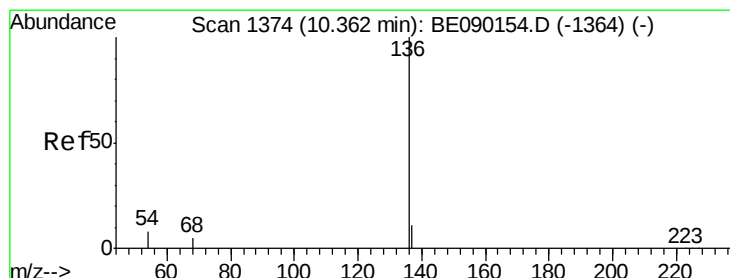
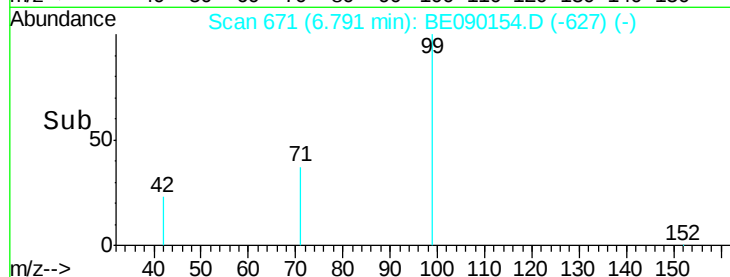
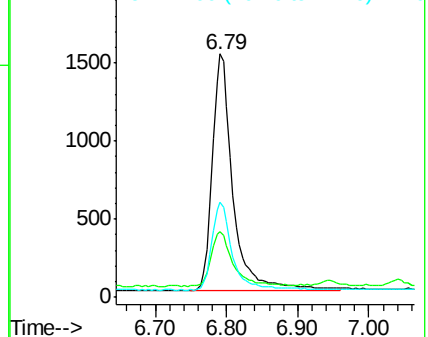
99 100

42 23.9 19.1 28.7

71 36.8 29.4 44.2



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: 10.36 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Tgt Ion: 136 Resp: 46727

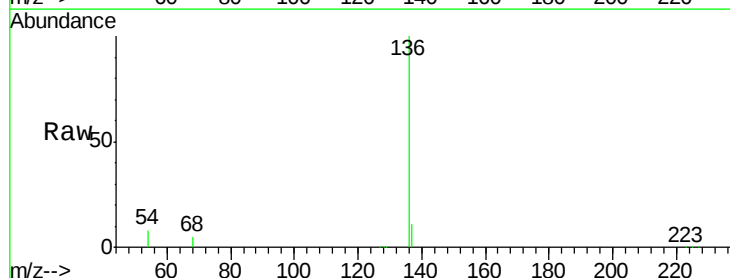
Ion Ratio Lower Upper

136 100

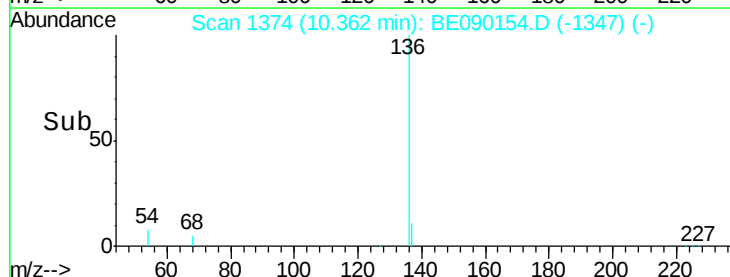
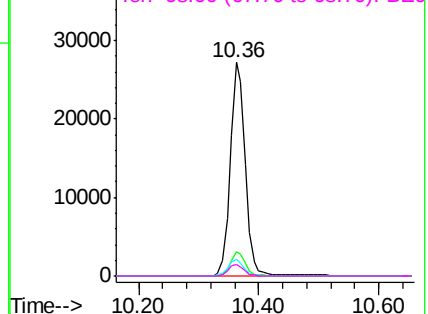
137 11.1 8.9 13.3

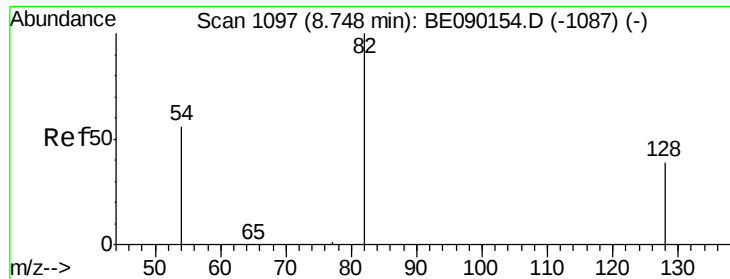
54 7.9 6.3 9.5

68 5.4 4.3 6.5



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





#7

Nitrobenzene-d5

Concen: 0.88 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC001

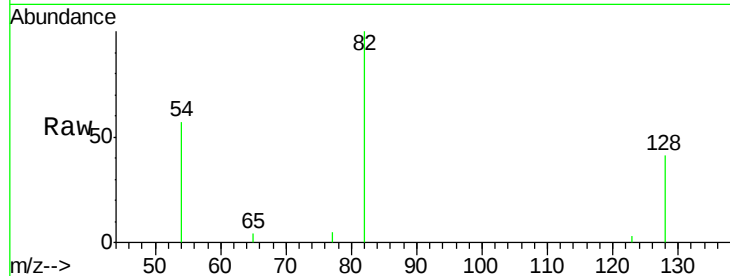
Tot Ion: 82 Resp: 3017

Ion Ratio Lower Upper

82 100

128 40.9 32.7 49.1

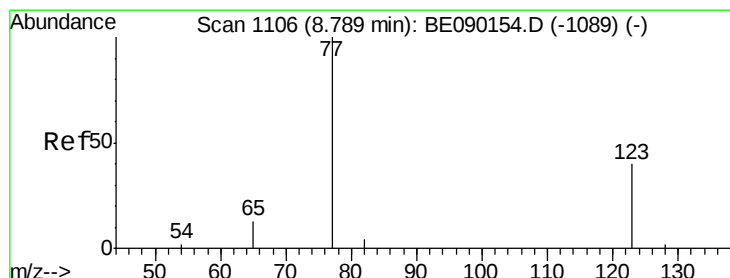
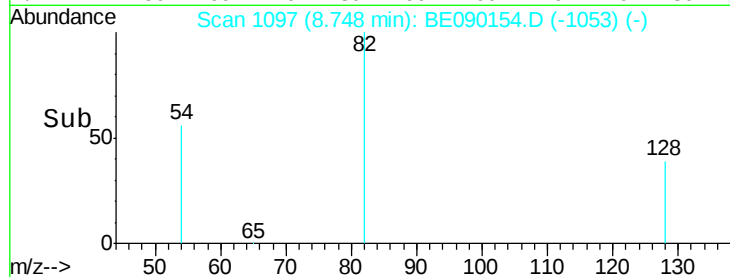
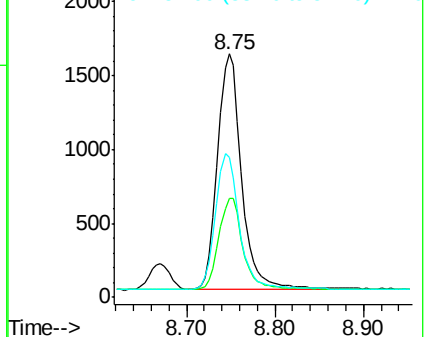
54 57.4 45.9 68.9



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: 0.86 ng

RT: 8.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

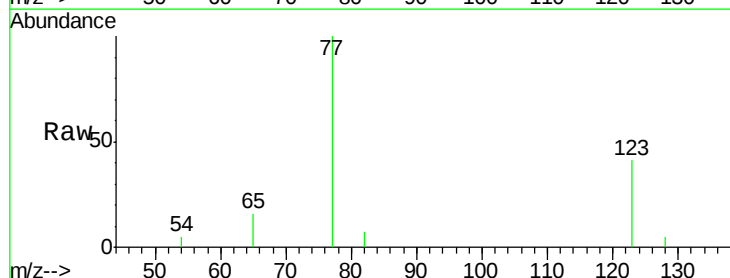
Tgt Ion: 77 Resp: 3076

Ion Ratio Lower Upper

77 100

123 40.4 32.3 48.5

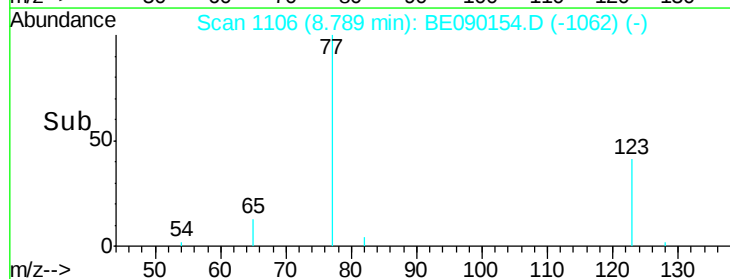
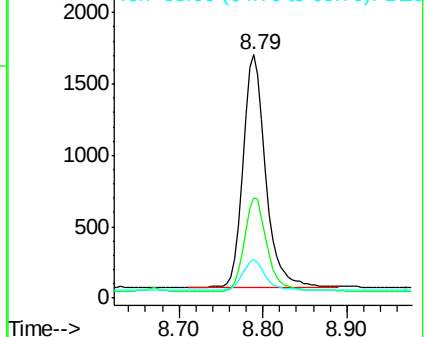
65 13.0 10.4 15.6

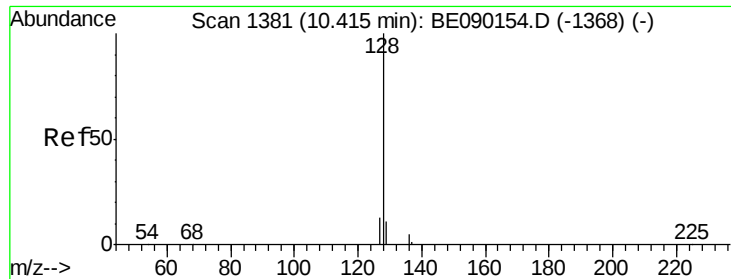


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.92 ng

RT: 10.41 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC001

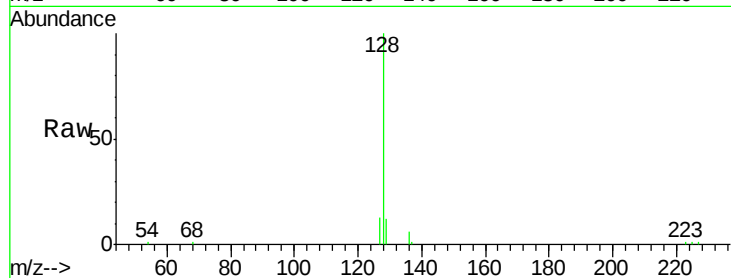
Tot Ion:128 Resp: 9691

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.6

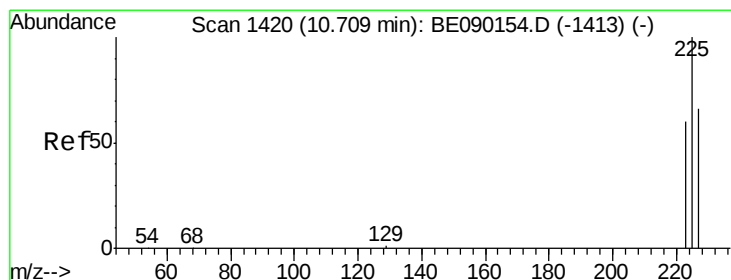
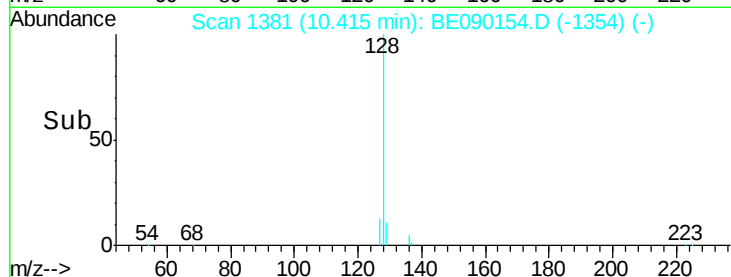
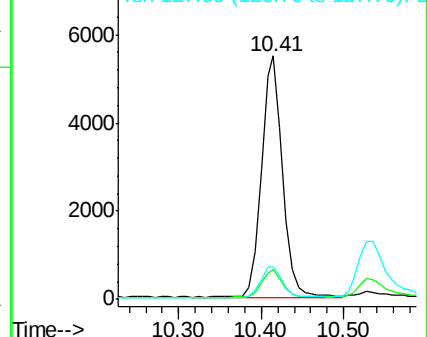
127 13.4 10.7 16.1



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: 0.70 ng

RT: 10.71 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

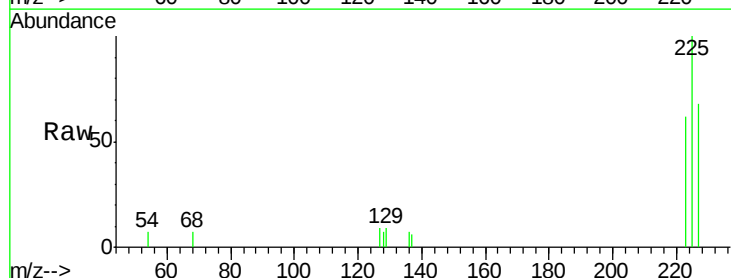
Tgt Ion:225 Resp: 1205

Ion Ratio Lower Upper

225 100

223 62.9 50.3 75.5

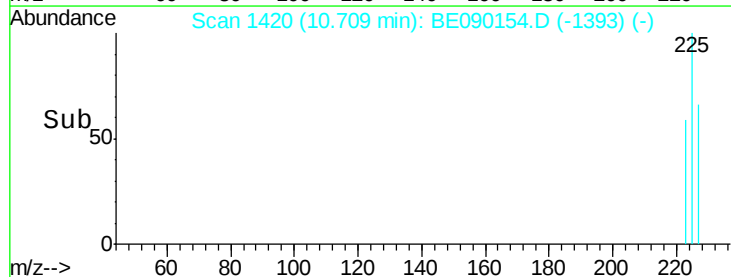
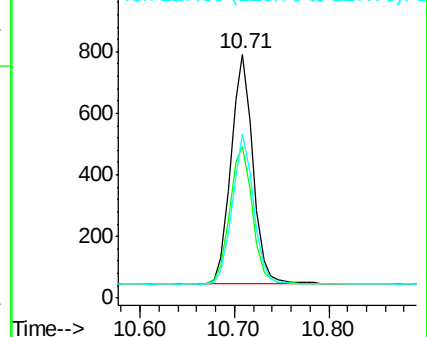
227 64.1 51.3 76.9

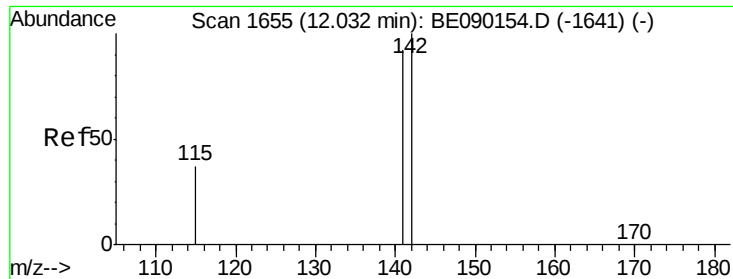


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

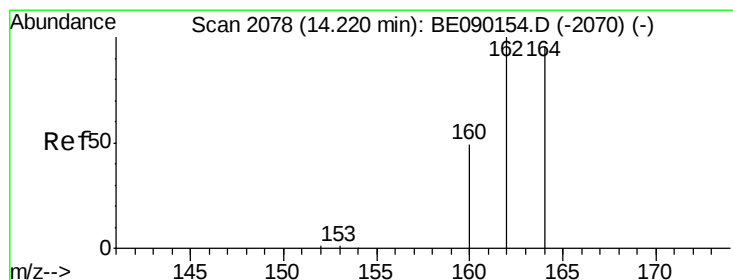
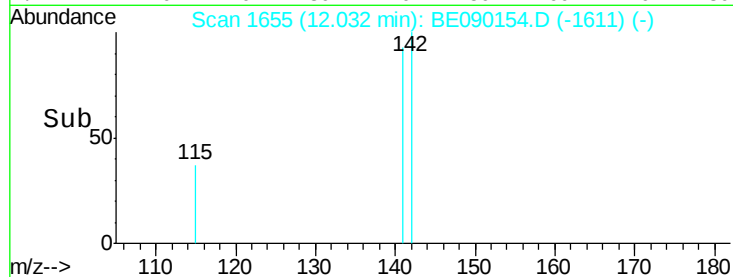
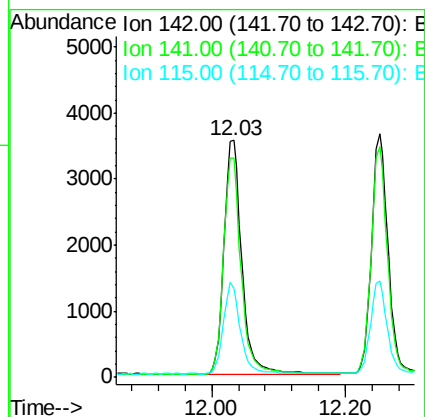
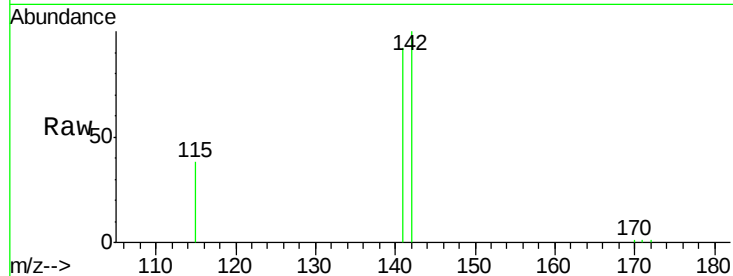




#11  
2-Methylnaphthalene  
Concen: 0.97 ng  
RT: 12.03 min Scan# 1655  
Delta R.T. 0.00 min  
Lab File: BE090154.D  
Acq: 17 Jul 2015 20:22

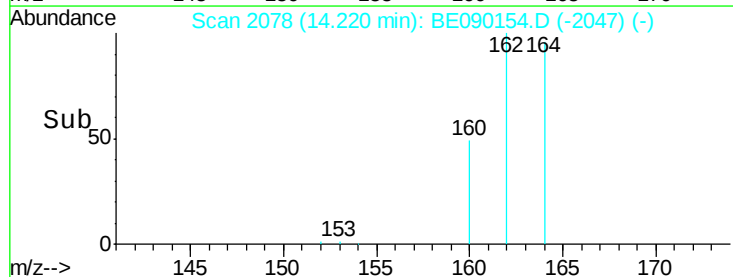
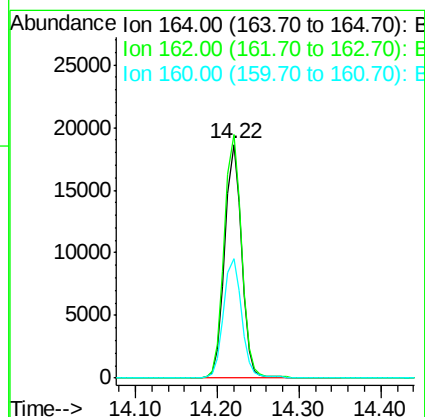
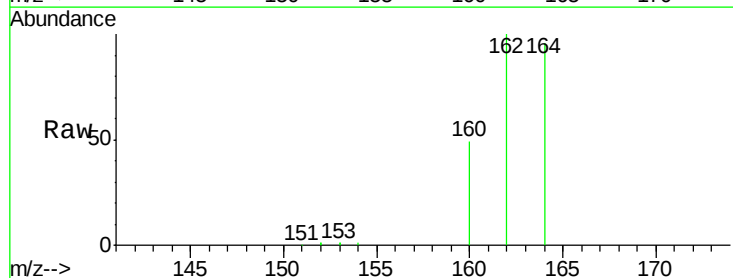
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICCC001

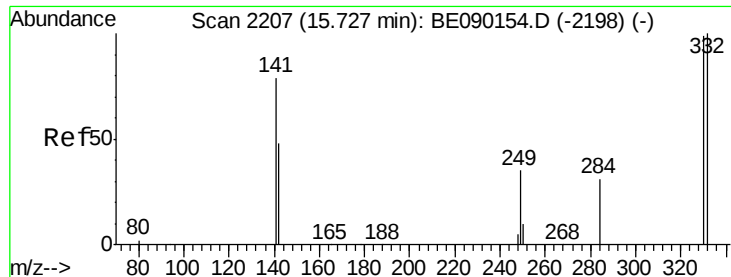
Tot Ion:142 Resp: 6549  
Ion Ratio Lower Upper  
142 100  
141 92.4 73.9 110.9  
115 37.5 30.0 45.0



#12  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 14.22 min Scan# 2078  
Delta R.T. 0.00 min  
Lab File: BE090154.D  
Acq: 17 Jul 2015 20:22

Tgt Ion:164 Resp: 26284  
Ion Ratio Lower Upper  
164 100  
162 104.1 83.3 124.9  
160 51.1 40.9 61.3

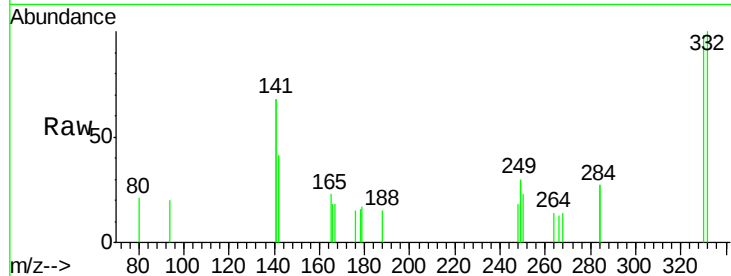




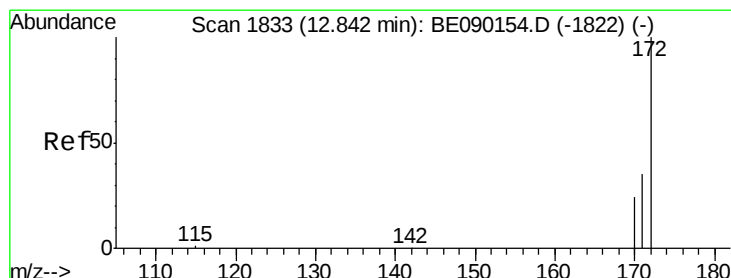
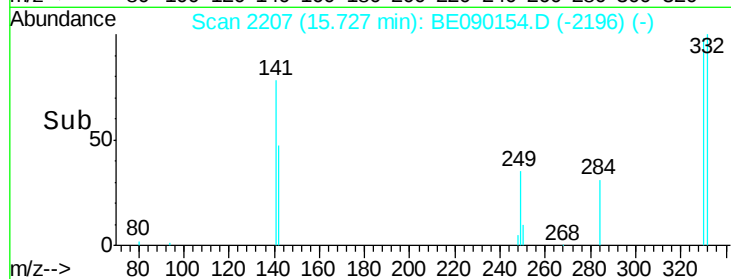
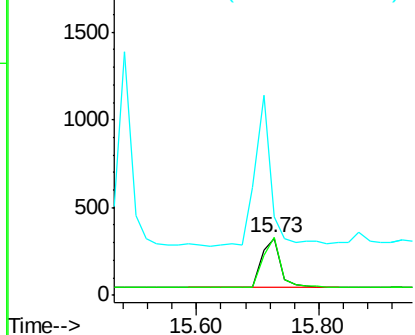
#13  
 2,4,6-Tribromophenol  
 Concen: 1.25 ng  
 RT: 15.73 min Scan# 2207  
 Delta R.T. 0.00 min  
 Lab File: BE090154.D  
 Acq: 17 Jul 2015 20:22

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC001

Tot Ion:330 Resp: 603  
 Ion Ratio Lower Upper  
 330 100  
 332 97.7 78.2 117.2  
 141 269.7 215.8 323.6

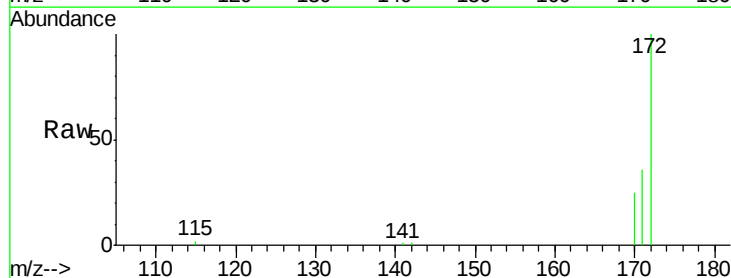


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

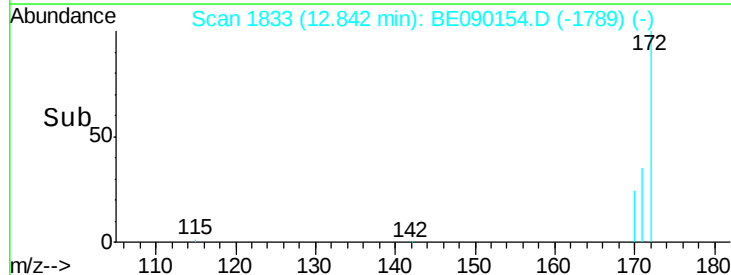
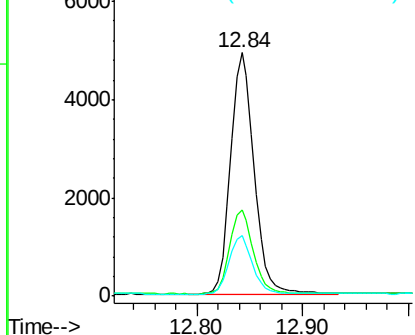


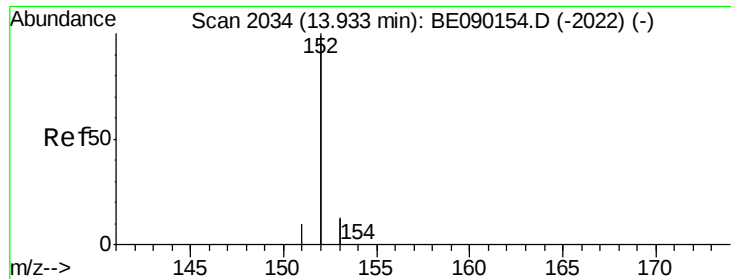
#14  
 2-Fluorobiphenyl  
 Concen: 0.95 ng  
 RT: 12.84 min Scan# 1833  
 Delta R.T. 0.00 min  
 Lab File: BE090154.D  
 Acq: 17 Jul 2015 20:22

Tgt Ion:172 Resp: 7621  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 28.5 42.7  
 170 24.6 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.98 ng

RT: 13.93 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC001

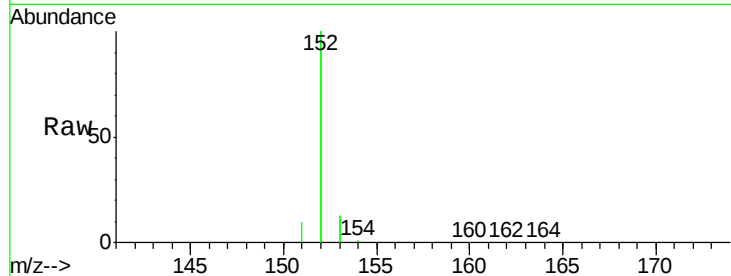
Tot Ion:152 Resp: 46051

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

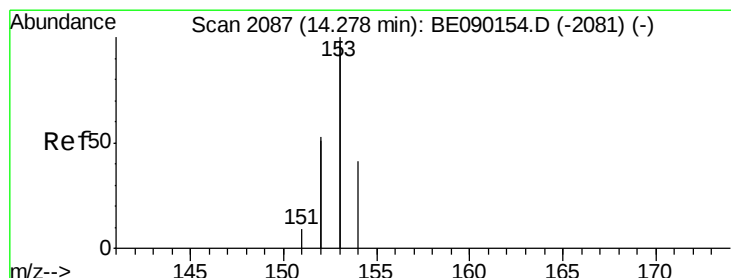
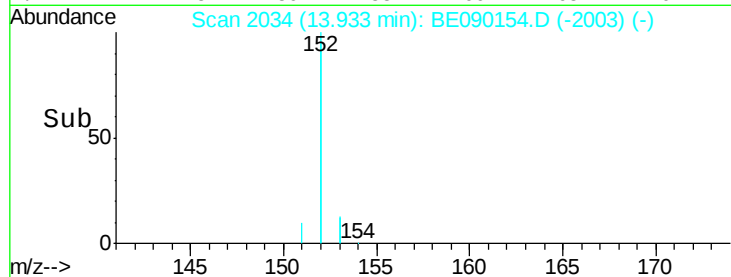
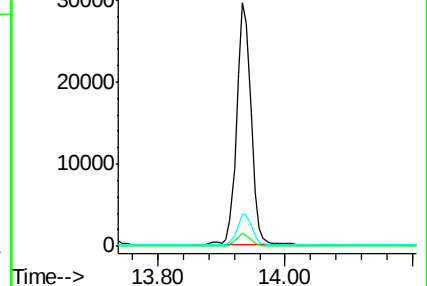
153 13.0 10.4 15.6



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: 0.96 ng

RT: 14.28 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

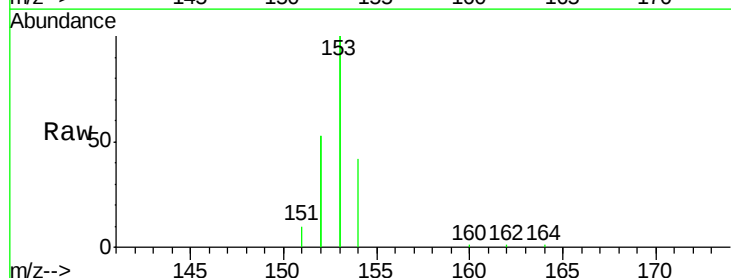
Tgt Ion:154 Resp: 6475

Ion Ratio Lower Upper

154 100

153 471.1 376.9 565.3

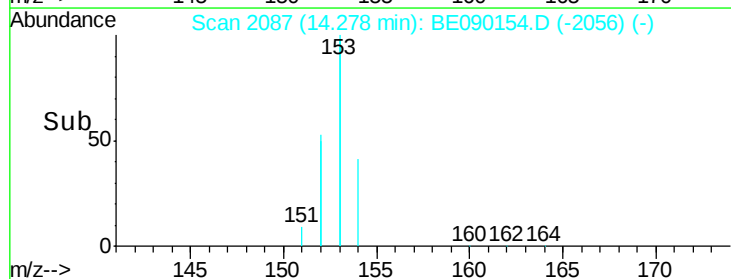
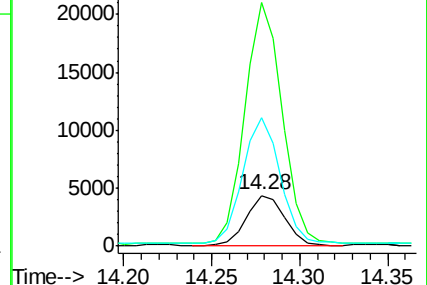
152 248.8 199.0 298.6

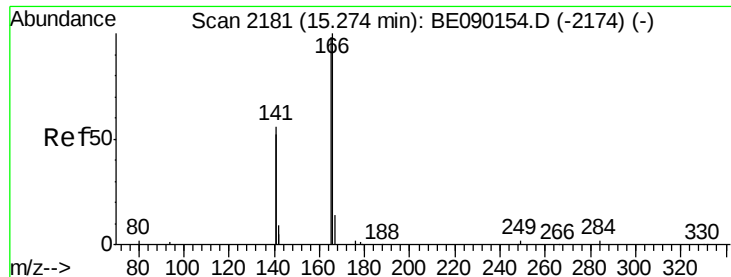


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

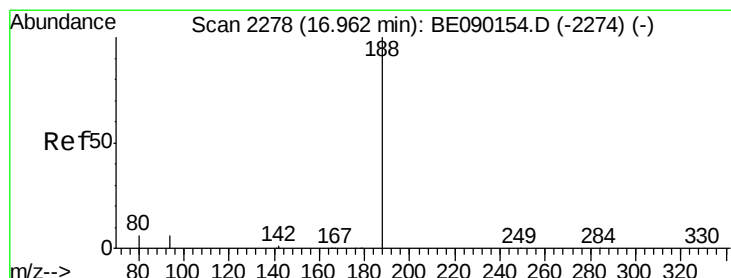
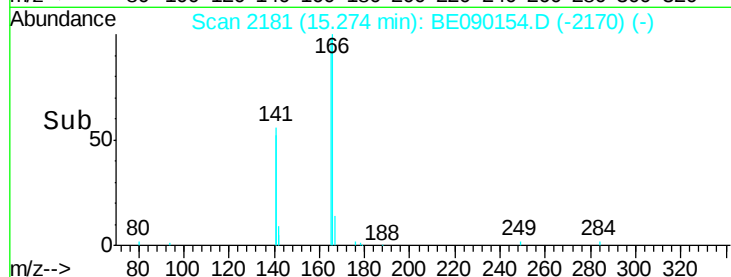
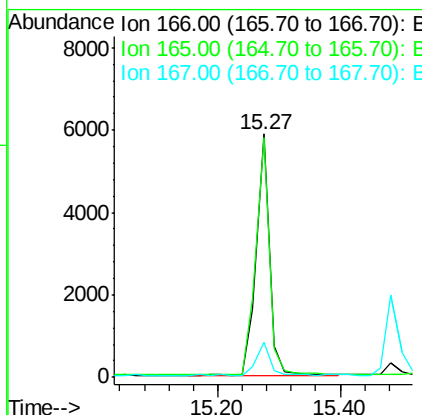
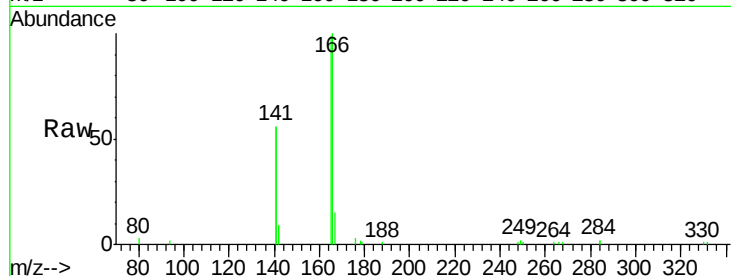




#17  
**Fluorene**  
 Concen: 0.99 ng  
 RT: 15.27 min Scan# 2181  
 Delta R.T. 0.00 min  
 Lab File: BE090154.D  
 Acq: 17 Jul 2015 20:22

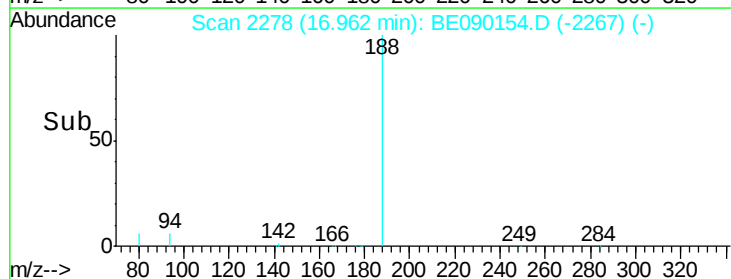
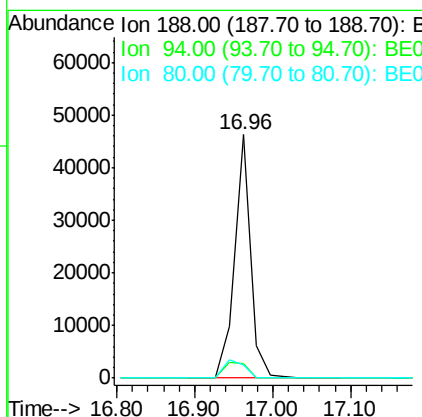
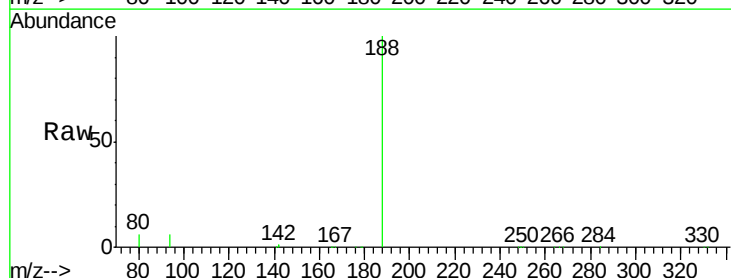
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC001

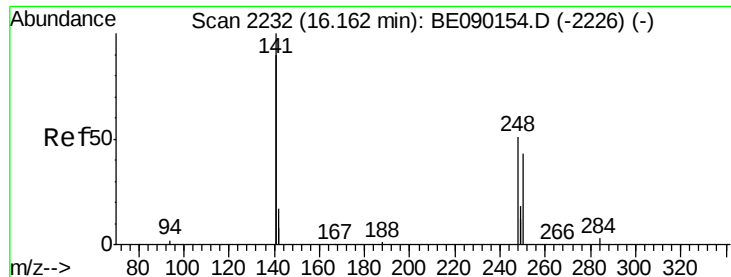
Tot Ion:166 Resp: 8773  
 Ion Ratio Lower Upper  
 166 100  
 165 101.9 81.5 122.3  
 167 14.9 11.9 17.9



#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 16.96 min Scan# 2278  
 Delta R.T. 0.00 min  
 Lab File: BE090154.D  
 Acq: 17 Jul 2015 20:22

Tgt Ion:188 Resp: 66110  
 Ion Ratio Lower Upper  
 188 100  
 94 5.8 4.6 7.0  
 80 5.7 4.6 6.8

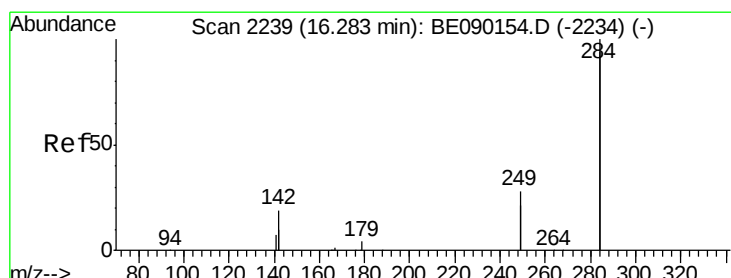
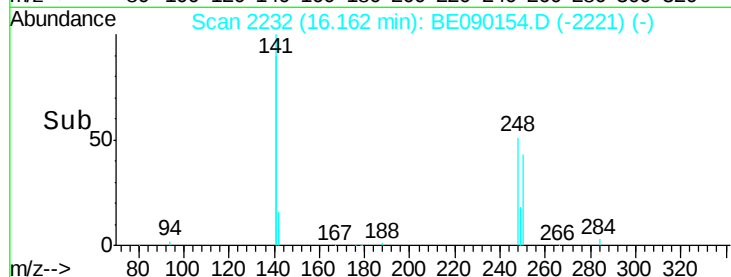
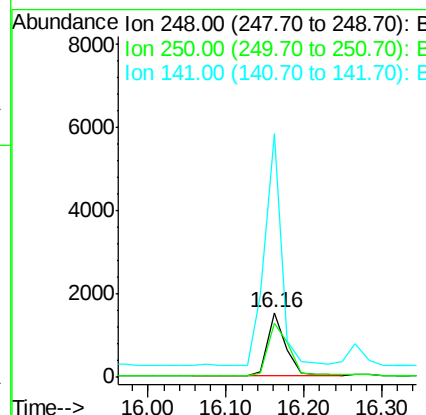
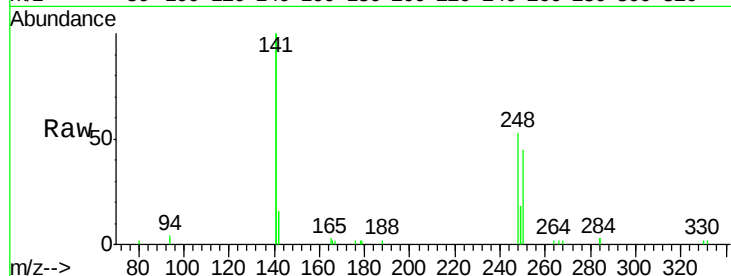




#19  
4-Bromophenyl-phenylether  
Concen: 0.86 ng  
RT: 16.16 min Scan# 2232  
Delta R.T. 0.00 min  
Lab File: BE090154.D  
Acq: 17 Jul 2015 20:22

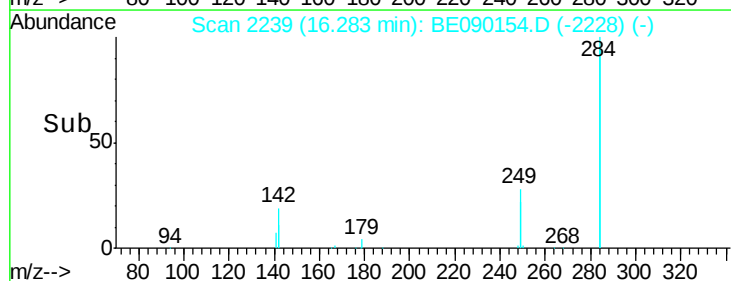
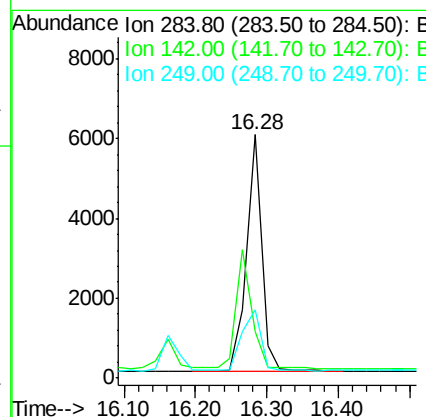
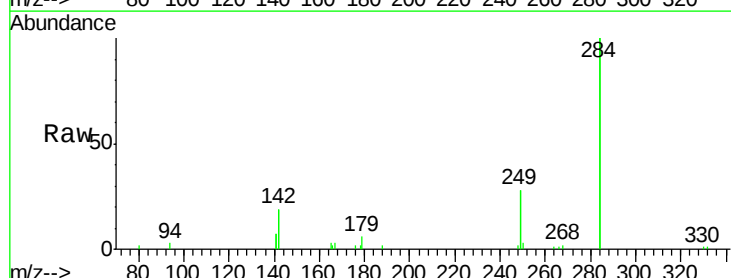
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICCC001

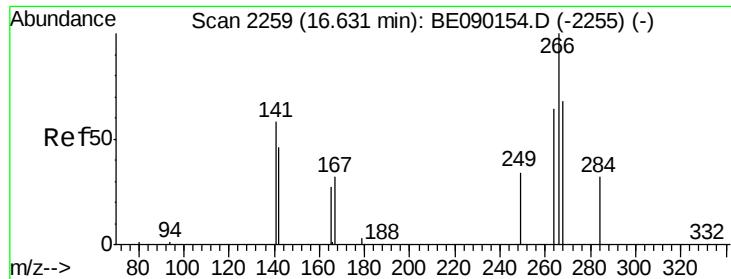
Tot Ion:248 Resp: 2378  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.4 116.0  
141 351.6 281.3 421.9



#20  
Hexachlorobenzene  
Concen: 0.72 ng  
RT: 16.28 min Scan# 2239  
Delta R.T. 0.00 min  
Lab File: BE090154.D  
Acq: 17 Jul 2015 20:22

Tgt Ion:284 Resp: 8518  
Ion Ratio Lower Upper  
284 100  
142 52.7 42.2 63.2  
249 31.9 25.5 38.3

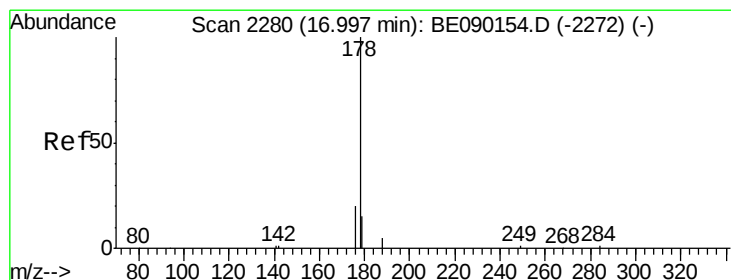
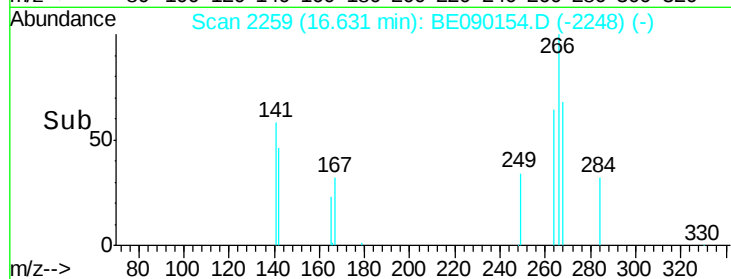
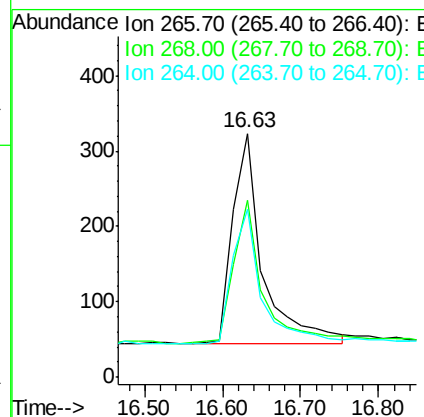
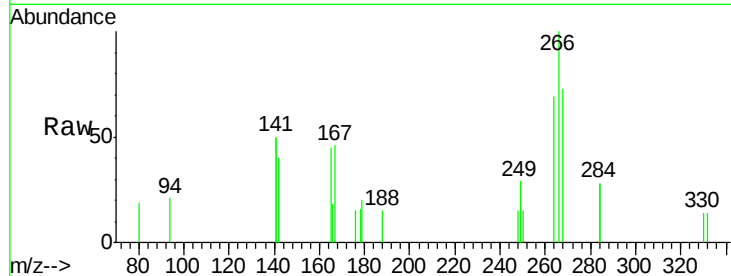




#21  
 Pentachlorophenol  
 Concen: 1.33 ng  
 RT: 16.63 min Scan# 2259  
 Delta R.T. 0.00 min  
 Lab File: BE090154.D  
 Acq: 17 Jul 2015 20:22

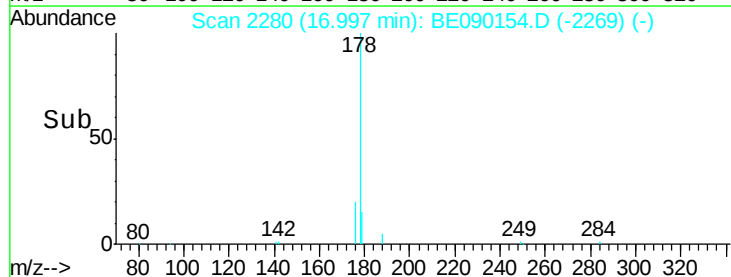
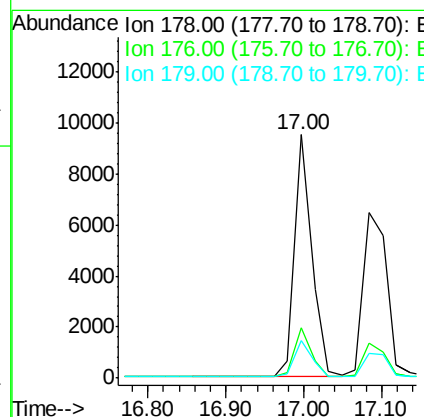
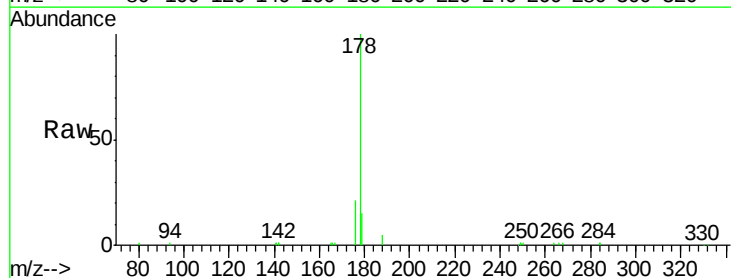
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC001

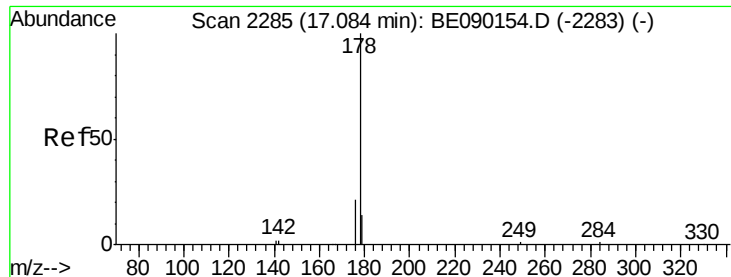
Tot Ion:266 Resp: 741  
 Ion Ratio Lower Upper  
 266 100  
 268 72.8 58.2 87.4  
 264 68.7 55.0 82.4



#22  
 Phenanthrene  
 Concen: 0.88 ng  
 RT: 17.00 min Scan# 2280  
 Delta R.T. 0.00 min  
 Lab File: BE090154.D  
 Acq: 17 Jul 2015 20:22

Tgt Ion:178 Resp: 14485  
 Ion Ratio Lower Upper  
 178 100  
 176 19.9 15.9 23.9  
 179 15.6 12.5 18.7





#23

Anthracene

Concen: 0.91 ng

RT: 17.08 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC001

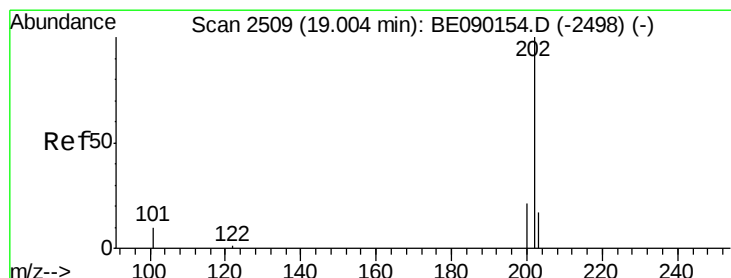
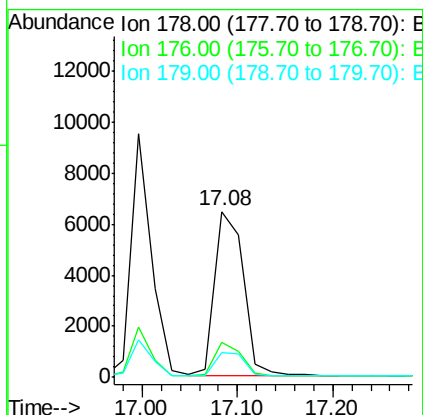
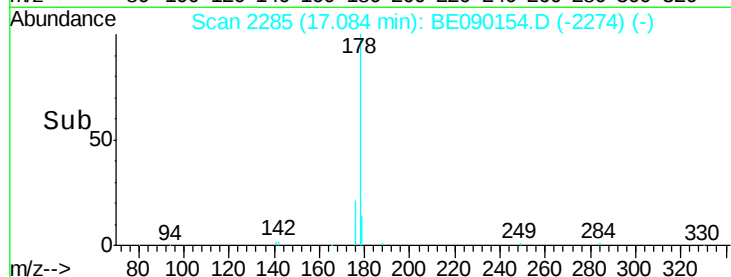
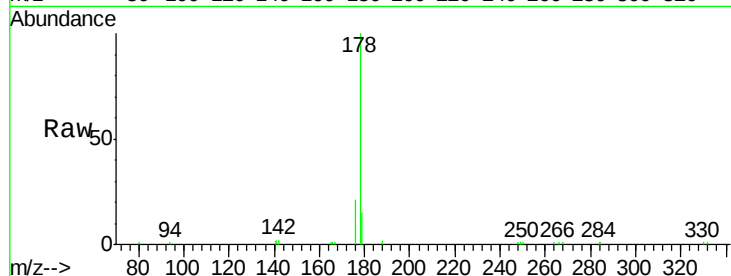
Tot Ion:178 Resp: 13375

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.0 12.2 18.2



#24

Fluoranthene

Concen: 0.99 ng

RT: 19.00 min Scan# 2509

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

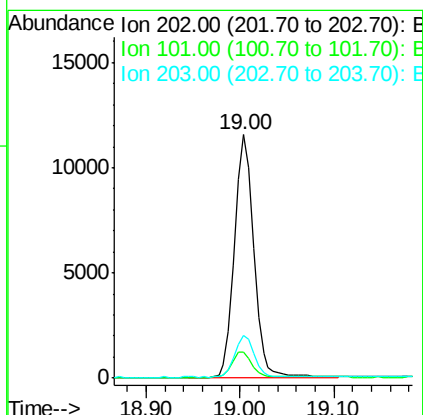
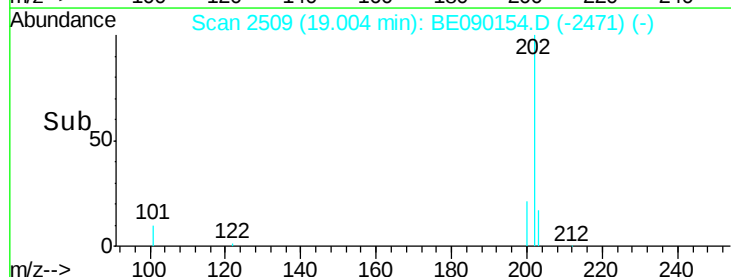
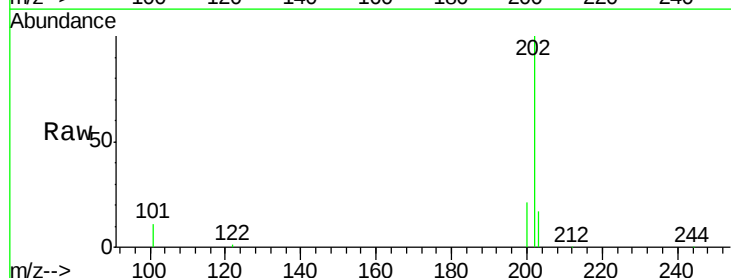
Tgt Ion:202 Resp: 16236

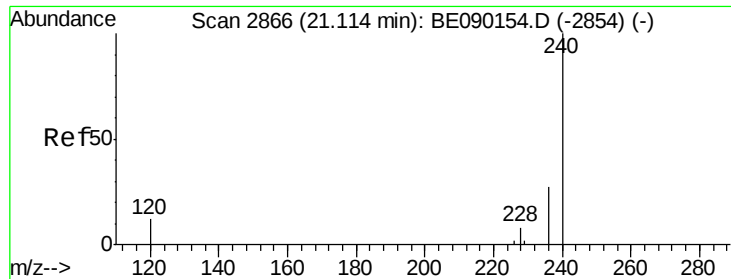
Ion Ratio Lower Upper

202 100

101 10.6 8.5 12.7

203 17.4 13.9 20.9





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC001

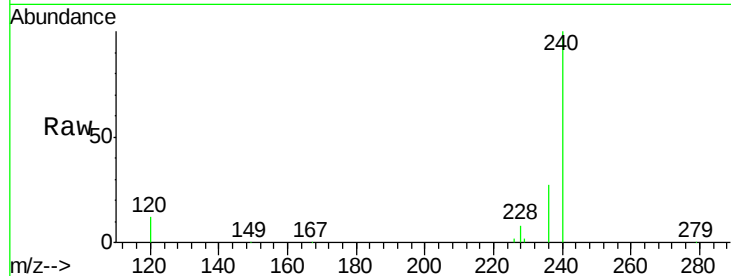
Tot Ion:240 Resp: 76280

Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.0

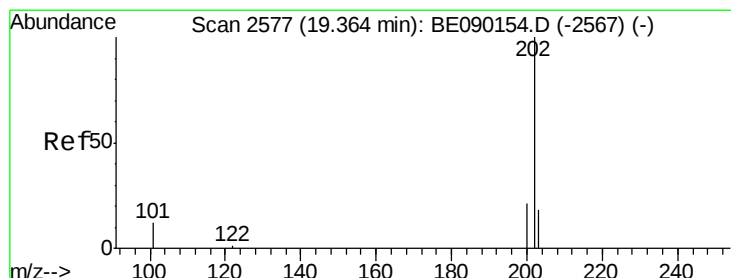
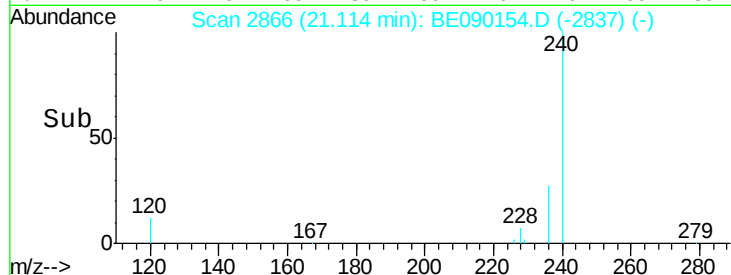
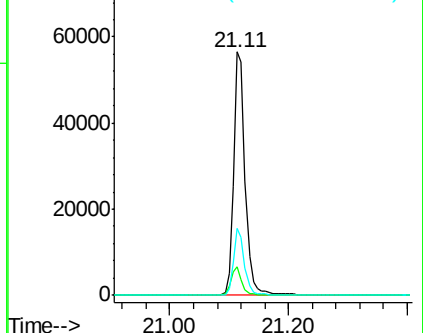
236 27.3 21.8 32.8



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: 0.84 ng

RT: 19.36 min Scan# 2577

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

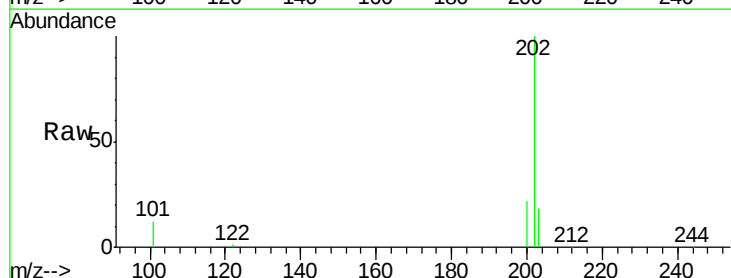
Tgt Ion:202 Resp: 16986

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

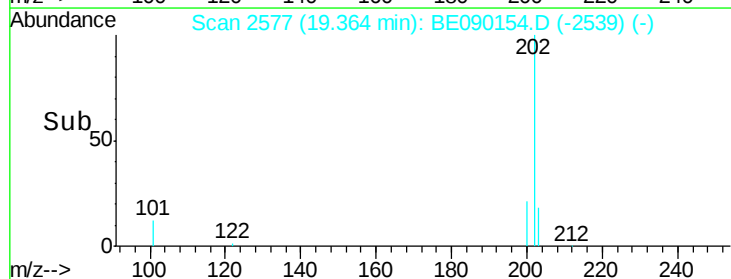
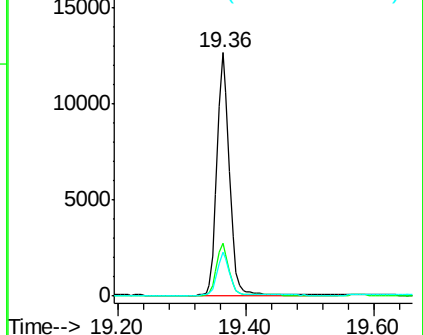
203 17.6 14.1 21.1

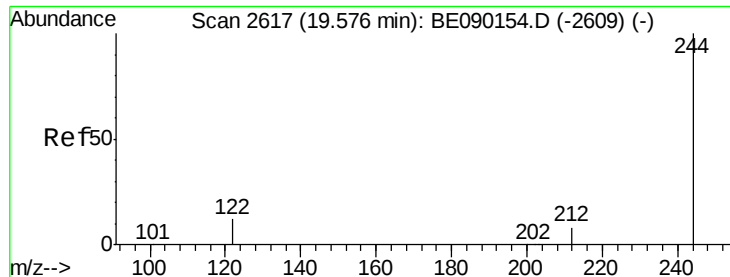


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

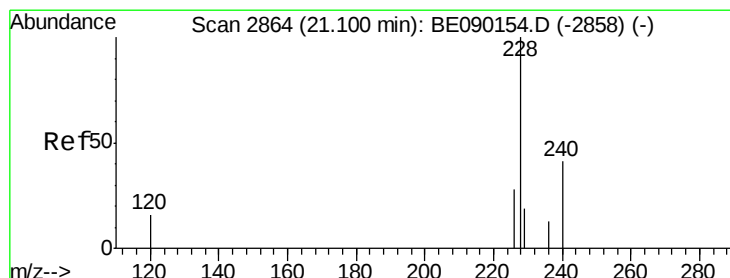
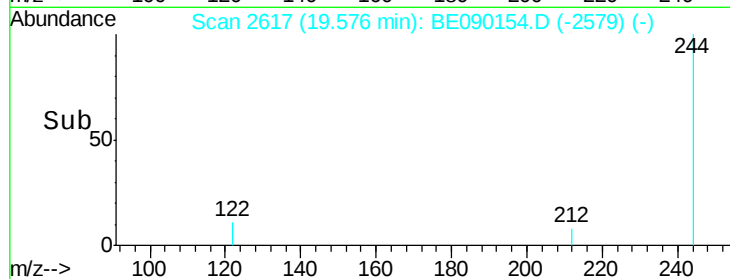
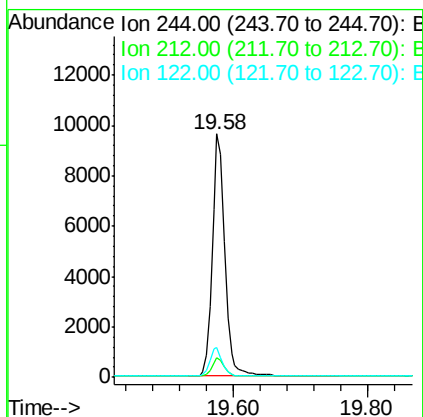
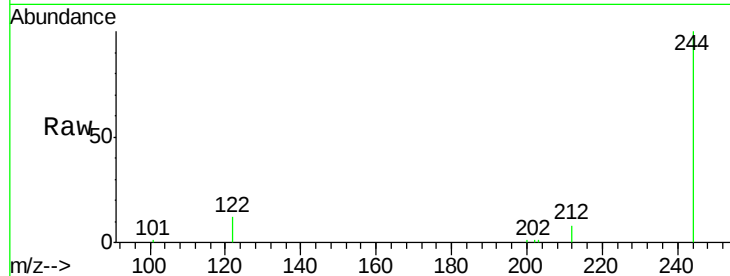




#27  
 Terphenyl-d14  
 Concen: 0.99 ng  
 RT: 19.58 min Scan# 2617  
 Delta R.T. 0.00 min  
 Lab File: BE090154.D  
 Acq: 17 Jul 2015 20:22

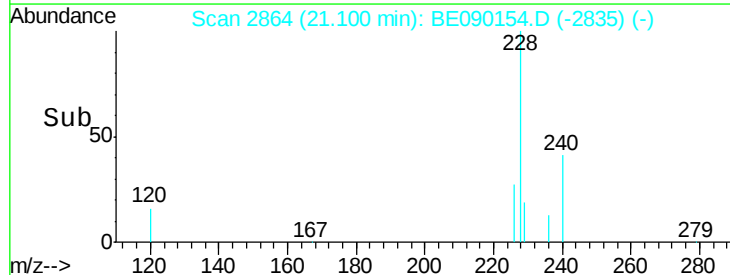
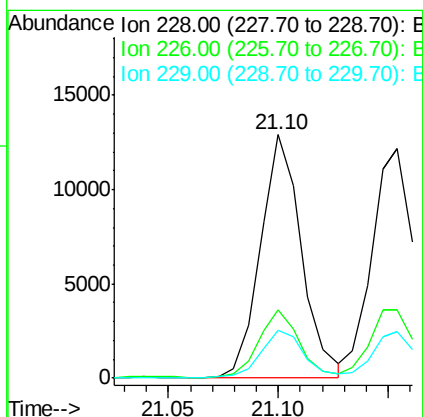
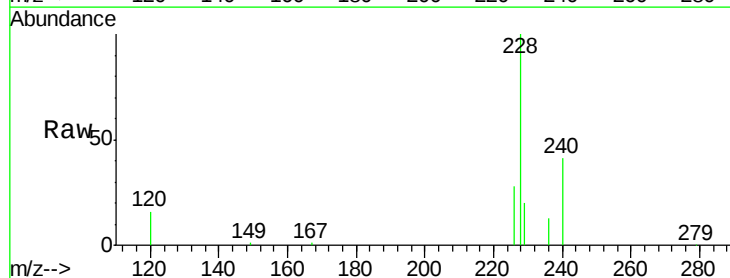
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC001

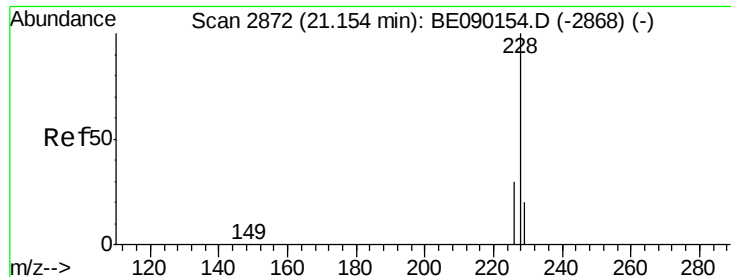
Tot Ion:244 Resp: 12578  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.5 9.7  
 122 12.2 9.8 14.6



#28  
 Benzo(a)anthracene  
 Concen: 1.23 ng  
 RT: 21.10 min Scan# 2864  
 Delta R.T. 0.00 min  
 Lab File: BE090154.D  
 Acq: 17 Jul 2015 20:22

Tgt Ion:228 Resp: 16701  
 Ion Ratio Lower Upper  
 228 100  
 226 27.8 22.2 33.4  
 229 19.6 15.7 23.5





#29

Chrysene

Concen: 0.77 ng

RT: 21.15 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC001

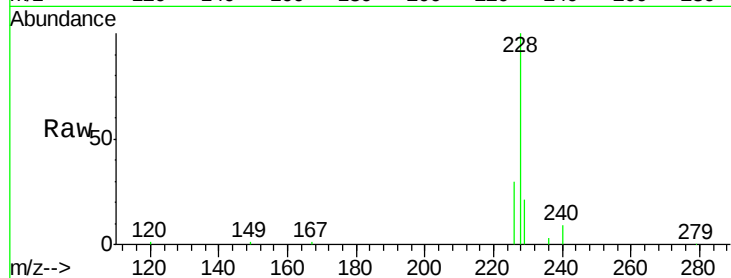
Tot Ion:228 Resp: 17165

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

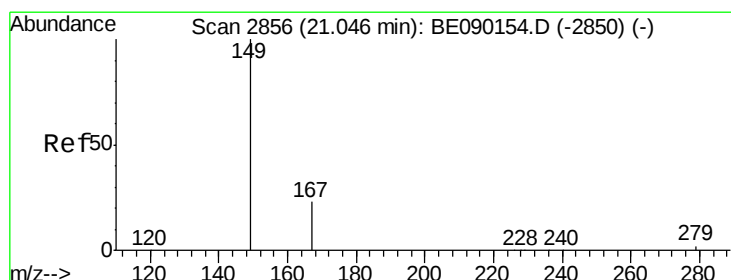
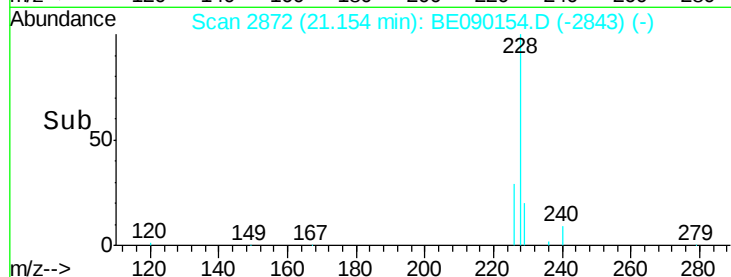
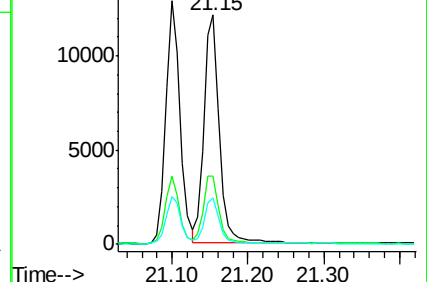
229 20.6 16.5 24.7



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: 2.36 ng

RT: 21.05 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

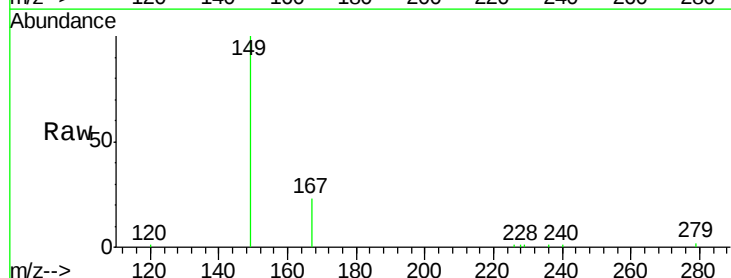
Tgt Ion:149 Resp: 8740

Ion Ratio Lower Upper

149 100

167 23.3 18.6 28.0

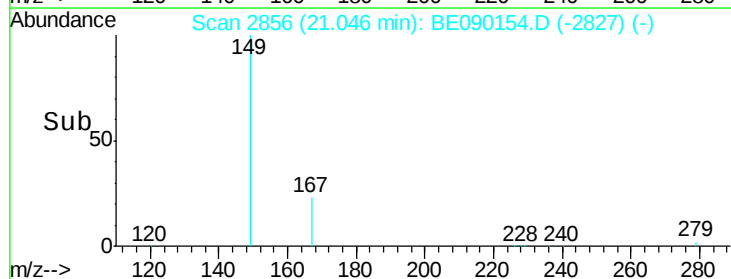
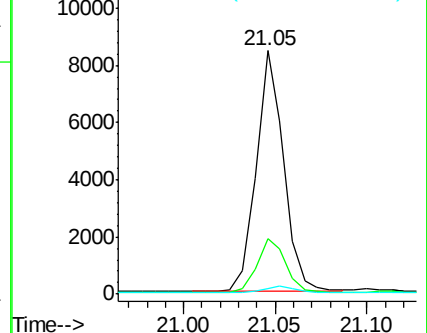
279 2.8 2.2 3.4

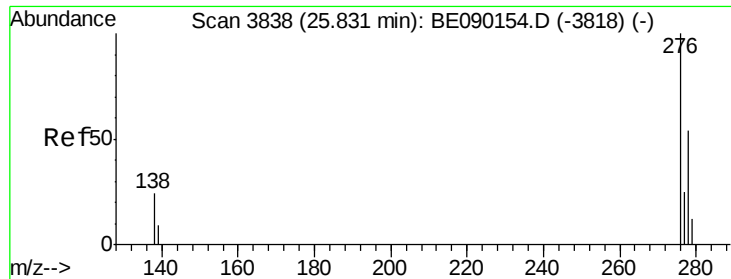


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.02 ng

RT: 25.83 min Scan# 3838

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC001

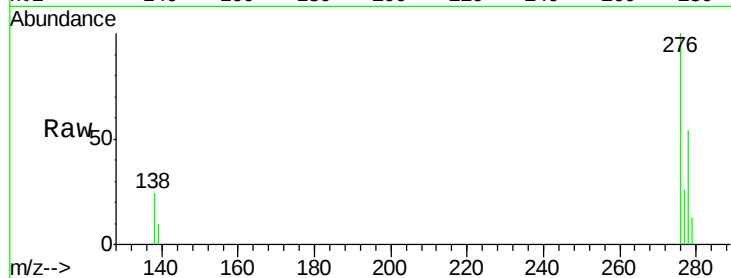
Tot Ion:276 Resp: 20175

Ion Ratio Lower Upper

276 100

138 24.5 19.5 29.3

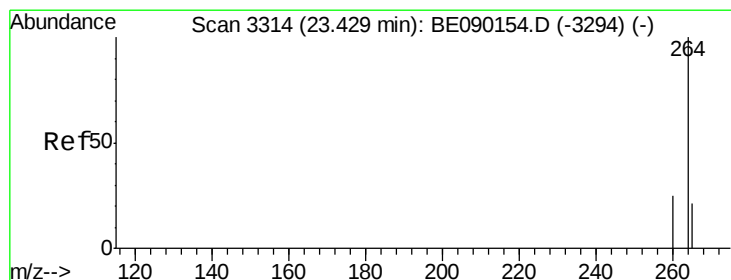
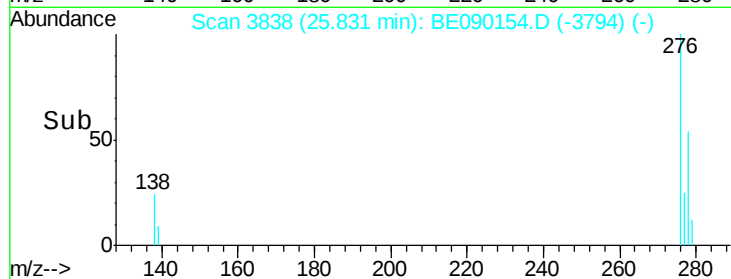
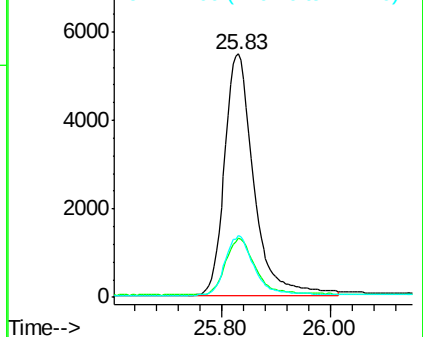
277 24.7 19.8 29.6



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: 23.43 min Scan# 3314

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

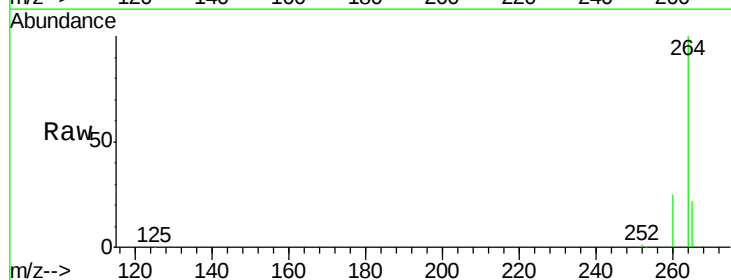
Tgt Ion:264 Resp: 78419

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

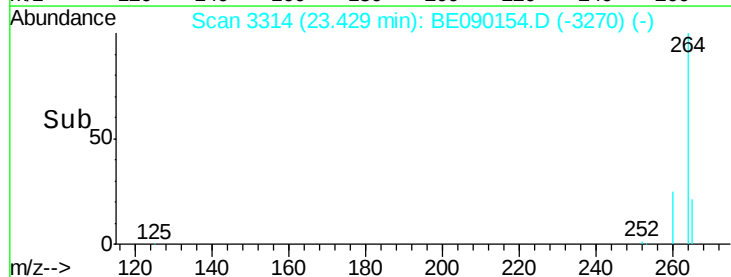
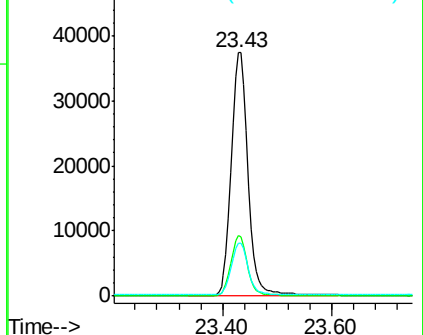
265 21.8 17.4 26.2

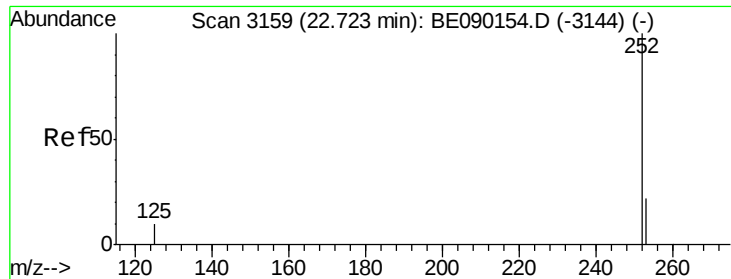


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 2.15 ng

RT: 22.72 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC001

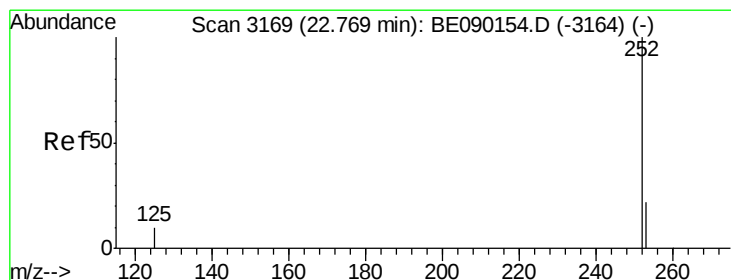
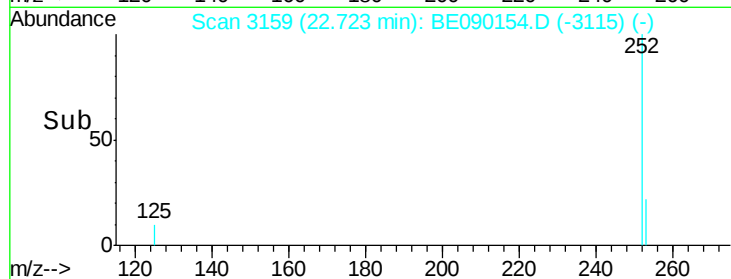
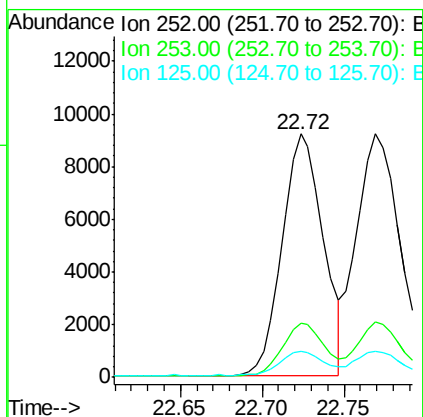
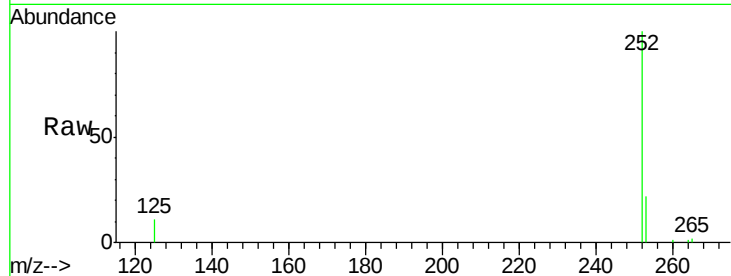
Tot Ion:252 Resp: 15999

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 10.9 8.7 13.1



#34

Benzo(k)fluoranthene

Concen: 1.10 ng

RT: 22.77 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

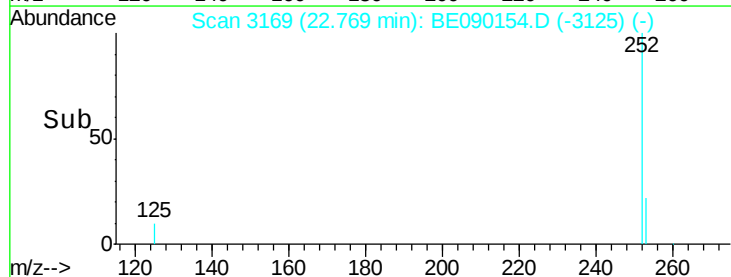
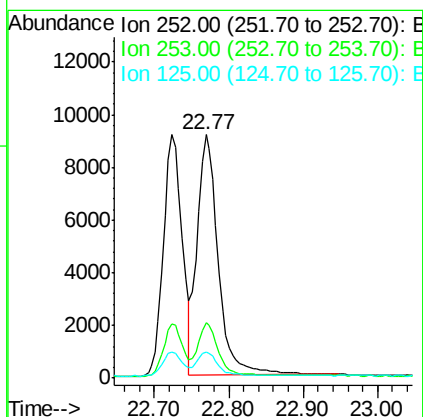
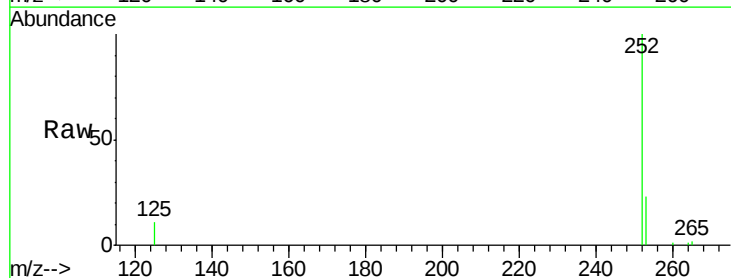
Tgt Ion:252 Resp: 18255

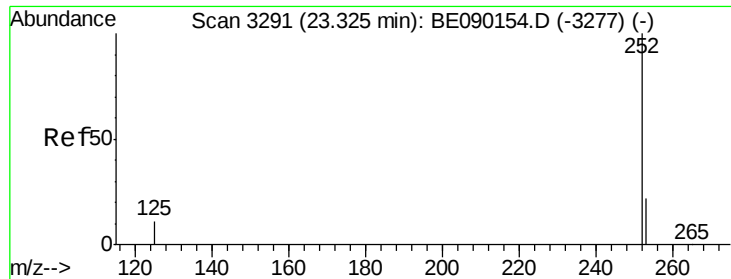
Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 10.9 8.7 13.1





#35

Benzo(a)pyrene

Concen: 1.65 ng

RT: 23.32 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC001

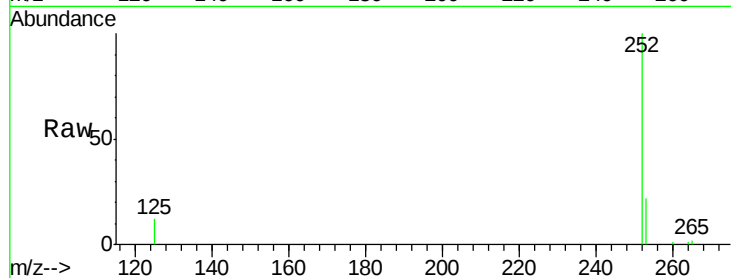
Tot Ion:252 Resp: 15522

Ion Ratio Lower Upper

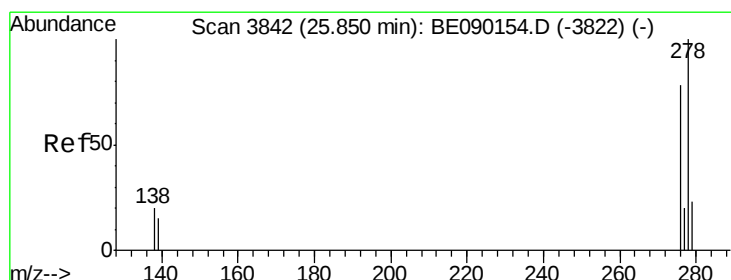
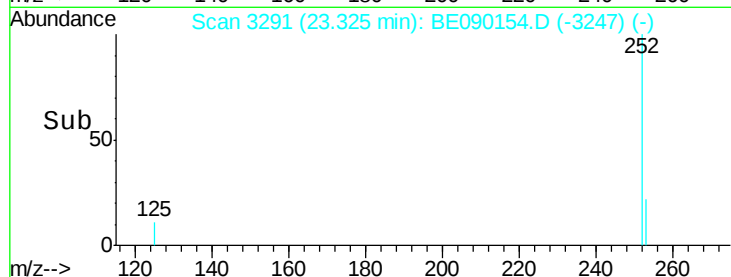
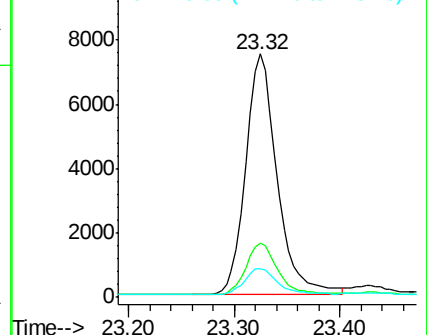
252 100

253 22.5 18.0 27.0

125 11.7 9.4 14.0



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: 2.73 ng

RT: 25.85 min Scan# 3842

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

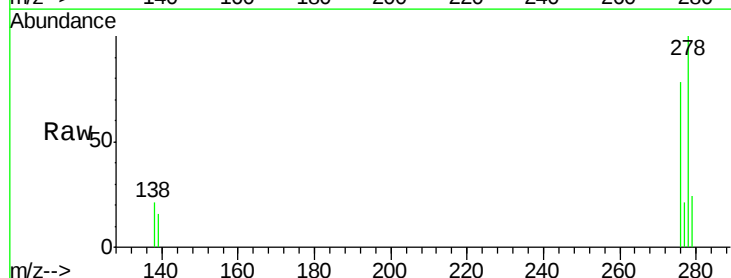
Tgt Ion:278 Resp: 16155

Ion Ratio Lower Upper

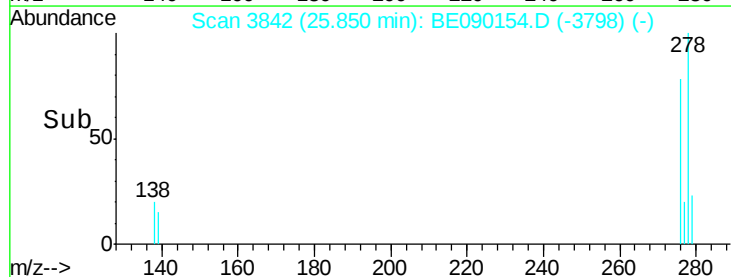
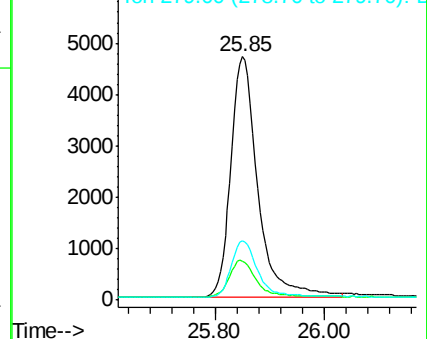
278 100

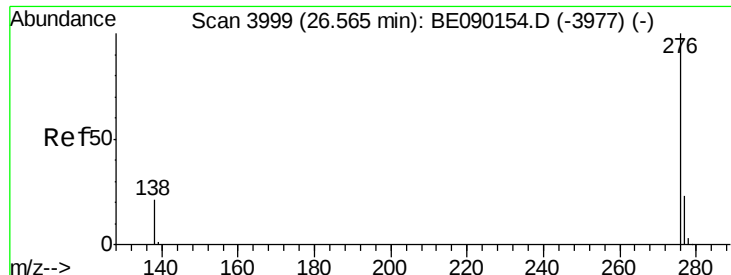
139 16.1 12.9 19.3

279 24.1 19.3 28.9



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(a,h,i)perylene

Concen: 1.71 ng

RT: 26.57 min Scan# 3999

Delta R.T. 0.00 min

Lab File: BE090154.D

Acq: 17 Jul 2015 20:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC001

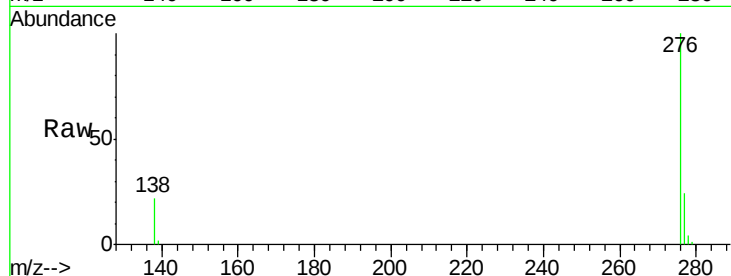
Tot Ion: 276 Resp: 16889

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 21.5 17.2 25.8



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

