

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE011416\  
 Data File : BE091357.D  
 Acq On : 14 Jan 2016 19:01  
 Operator : UM/IZ  
 Sample : SSTDICC0.5  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

Quant Time: Jan 14 22:24:26 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE011416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 14 22:19:19 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.88  | 152  | 28288    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8         | 9.55  | 136  | 121563   | 5.00 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 13.36 | 164  | 55133    | 5.00 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.08 | 188  | 167840   | 5.00 | ng    | 0.00     |
| 26) Chrysene-d12          | 20.22 | 240  | 156608   | 5.00 | ng    | 0.00     |
| 35) Perylene-d12          | 22.10 | 264  | 134518   | 5.00 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 4.99  | 112 | 412  | 0.07 | ng | 0.04 |
| 5) Phenol-d6                | 6.59  | 99  | 2275 | 0.33 | ng | 0.02 |
| 8) Nitrobenzene-d5          | 8.19  | 82  | 3090 | 0.46 | ng | 0.02 |
| 14) 2,4,6-Tribromophenol    | 14.90 | 330 | 375  | 0.22 | ng | 0.01 |
| 15) 2-Fluorobiphenyl        | 12.02 | 172 | 5153 | 0.35 | ng | 0.01 |
| 29) Terphenyl-d14           | 18.63 | 244 | 5024 | 0.26 | ng | 0.00 |

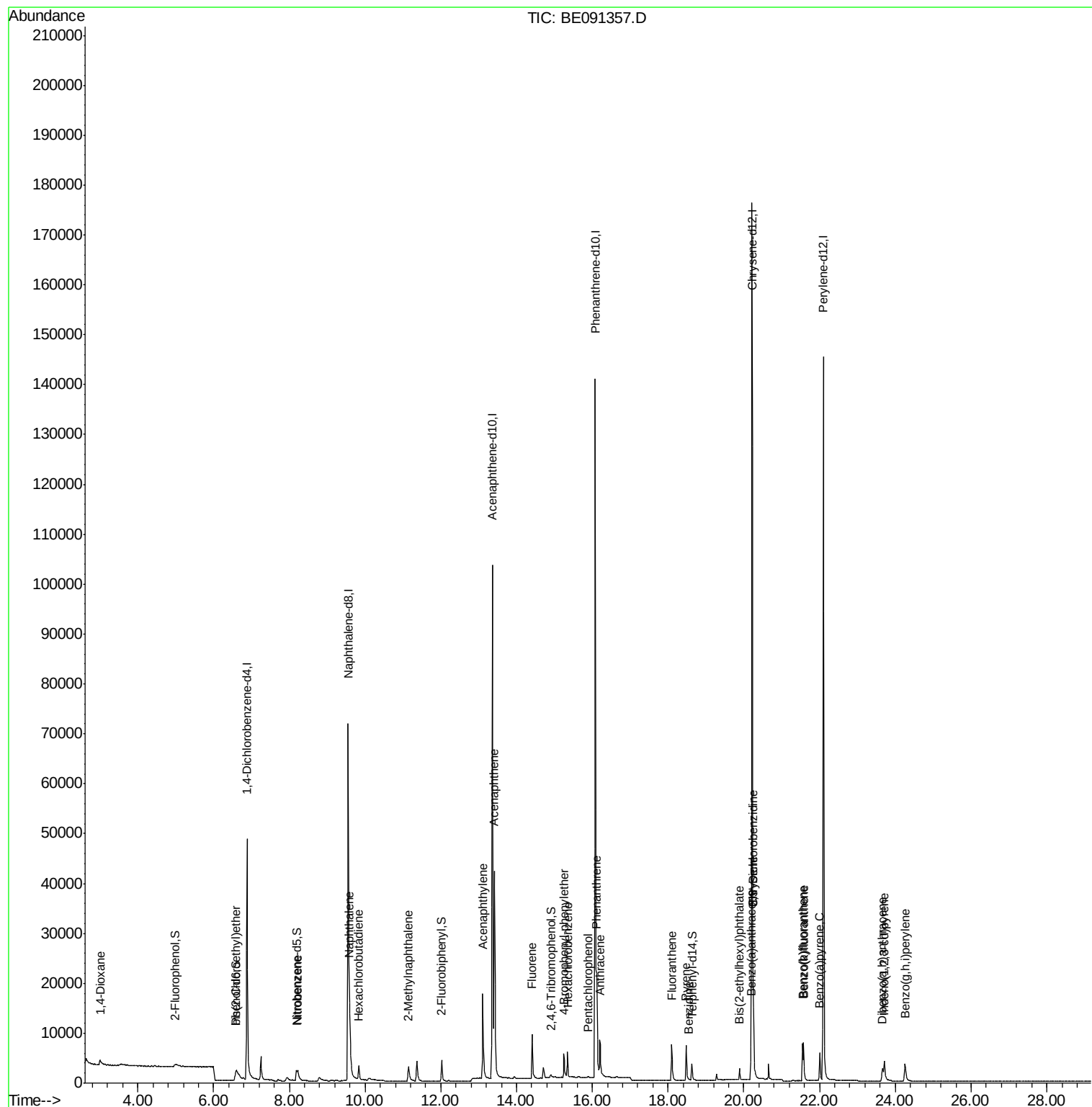
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.00  | 88  | 1343  | 0.28   | ng | 92   |
| 6) bis(2-Chloroethyl)ether     | 6.60  | 93  | 5364  | 0.67   | ng | # 25 |
| 9) Nitrobenzene                | 8.22  | 77  | 2998  | 0.41   | ng | 94   |
| 10) Naphthalene                | 9.60  | 128 | 12482 | 0.47   | ng | 99   |
| 11) Hexachlorobutadiene        | 9.83  | 225 | 2204  | 0.50   | ng | 98   |
| 12) 2-Methylnaphthalene        | 11.15 | 142 | 3723  | 0.25   | ng | 95   |
| 16) Acenaphthylene             | 13.11 | 152 | 27866 | 0.31   | ng | 99   |
| 17) Acenaphthene               | 13.41 | 154 | 7298  | 0.49   | ng | 97   |
| 18) Fluorene                   | 14.41 | 166 | 6756  | 0.37   | ng | 98   |
| 20) 4-Bromophenyl-phenylether  | 15.26 | 248 | 1613  | 0.27   | ng | 90   |
| 21) Hexachlorobenzene          | 15.34 | 284 | 3395  | 0.11   | ng | 99   |
| 22) Pentachlorophenol          | 15.88 | 266 | 142   | 0.06   | ng | 92   |
| 23) Phenanthrene               | 16.12 | 178 | 19363 | 0.45   | ng | 100  |
| 24) Anthracene                 | 16.20 | 178 | 11101 | 0.30   | ng | 99   |
| 25) Fluoranthene               | 18.09 | 202 | 8959  | 0.18   | ng | 99   |
| 27) Benzidine                  | 18.55 | 184 | 261   | 0.10   | ng | # 41 |
| 28) Pyrene                     | 18.48 | 202 | 7977  | 0.21   | ng | 99   |
| 30) Benzo(a)anthracene         | 20.19 | 228 | 7159  | 0.21   | ng | 99   |
| 31) 3,3'-Dichlorobenzidine     | 20.26 | 252 | 1113  | 0.18   | ng | # 95 |
| 32) Chrysene                   | 20.25 | 228 | 17768 | 0.38   | ng | 99   |
| 33) Bis(2-ethylhexyl)phthalate | 19.89 | 149 | 2330  | 0.17   | ng | 93   |
| 34) Indeno(1,2,3-cd)pyrene     | 23.71 | 276 | 6467  | 0.18   | ng | 94   |
| 36) Benzo(b)fluoranthene       | 21.55 | 252 | 8130  | 0.28   | ng | 98   |
| 37) Benzo(k)fluoranthene       | 21.58 | 252 | 8362  | 0.21   | ng | 98   |
| 38) Benzo(a)pyrene             | 22.01 | 252 | 6935  | 0.25   | ng | 98   |
| 39) Dibenzo(a,h)anthracene     | 23.66 | 278 | 4625  | 0.18   | ng | 94   |
| 40) Benzo(g,h,i)perylene       | 24.26 | 276 | 7072  | 0.25   | ng | 99   |

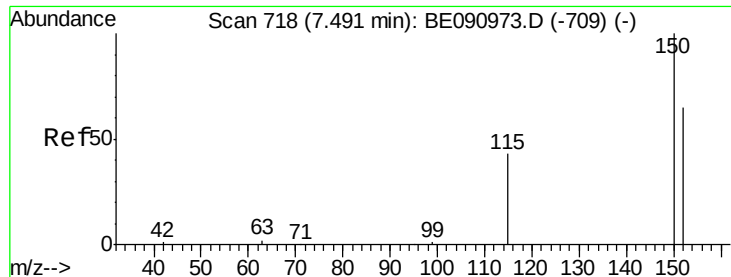
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE011416\  
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Misc :  
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Instrument :  
BNA\_E  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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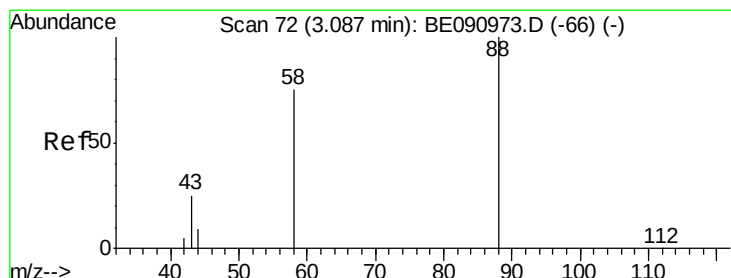
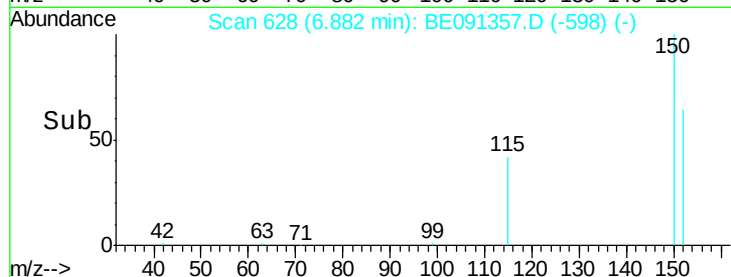
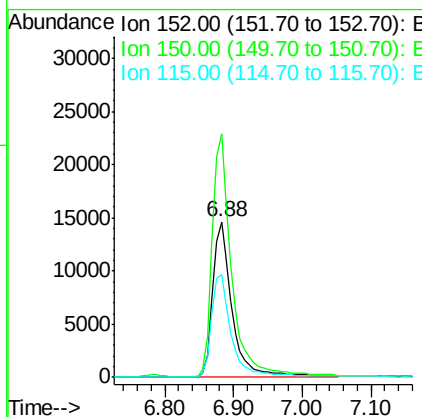
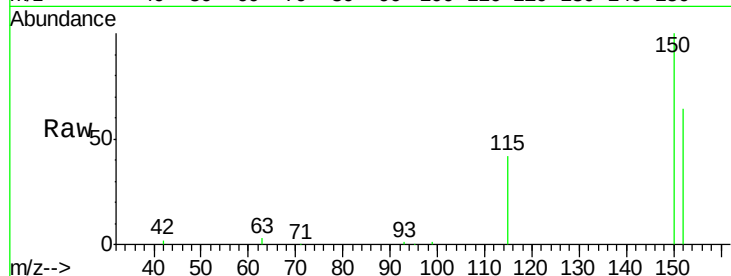




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 6.88 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: BE091357.D  
 Acq: 14 Jan 2016 19:01

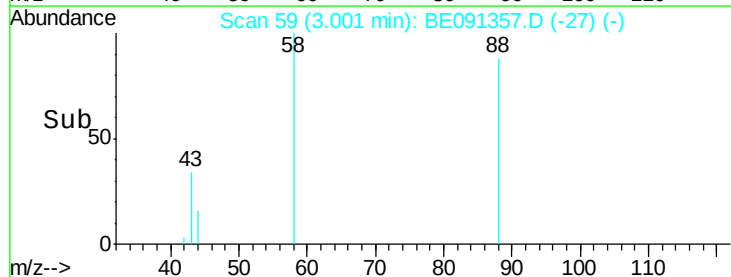
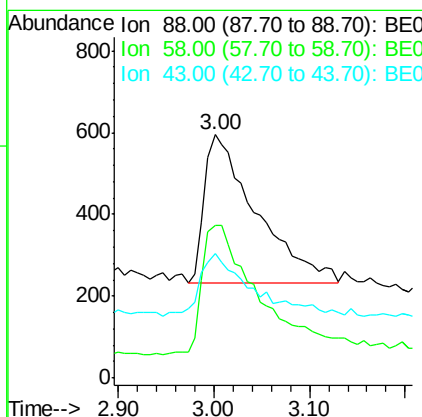
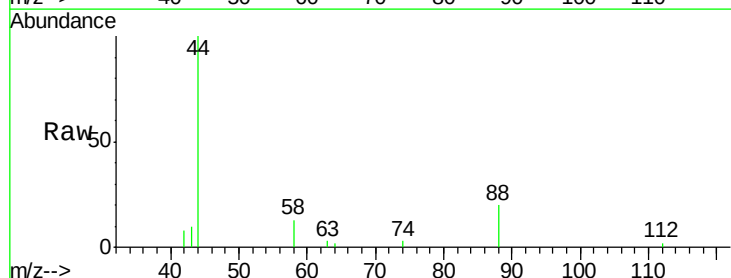
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

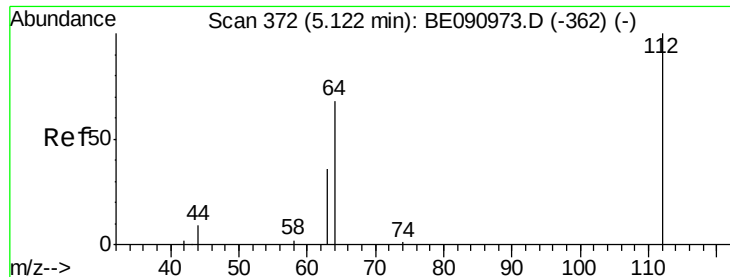
Tgt Ion: 152 Resp: 28288  
 Ion Ratio Lower Upper  
 152 100  
 150 156.2 121.6 182.4  
 115 66.1 50.6 75.8



#2  
 1,4-Dioxane  
 Concen: 0.28 ng  
 RT: 3.00 min Scan# 59  
 Delta R.T. 0.02 min  
 Lab File: BE091357.D  
 Acq: 14 Jan 2016 19:01

Tgt Ion: 88 Resp: 1343  
 Ion Ratio Lower Upper  
 88 100  
 58 100.3 74.6 111.8  
 43 42.4 28.7 43.1





#4

2-Fluorophenol

Concen: 0.07 ng

RT: 4.99 min Scan# 352

Delta R.T. 0.04 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

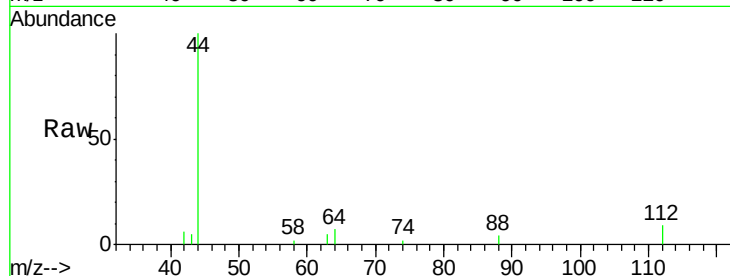
Tgt Ion: 112 Resp: 412

Ion Ratio Lower Upper

112 100

64 49.0 57.4 86.0#

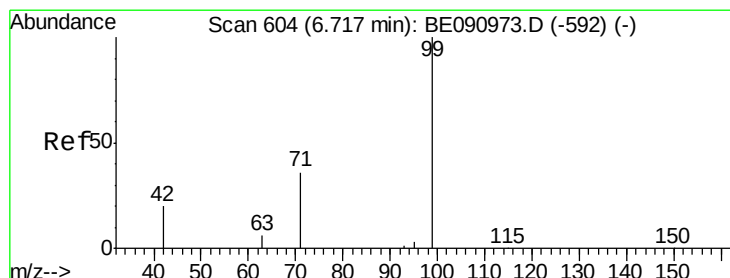
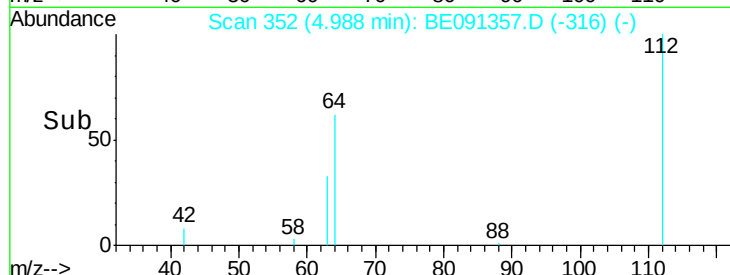
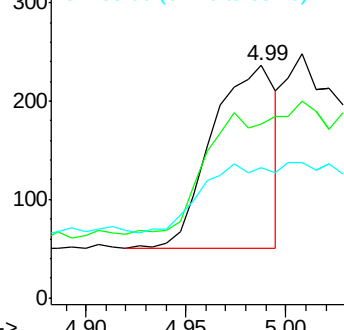
63 29.9 32.2 48.2#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.33 ng

RT: 6.59 min Scan# 585

Delta R.T. 0.02 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

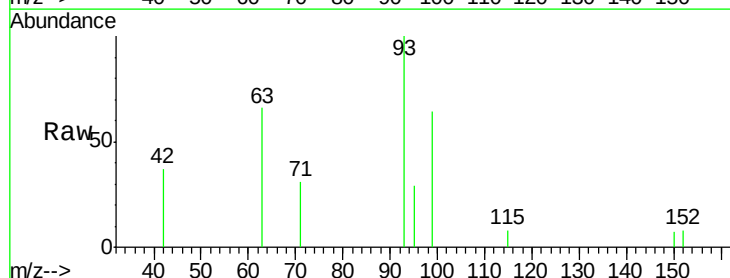
Tgt Ion: 99 Resp: 2275

Ion Ratio Lower Upper

99 100

42 17.8 22.9 34.3#

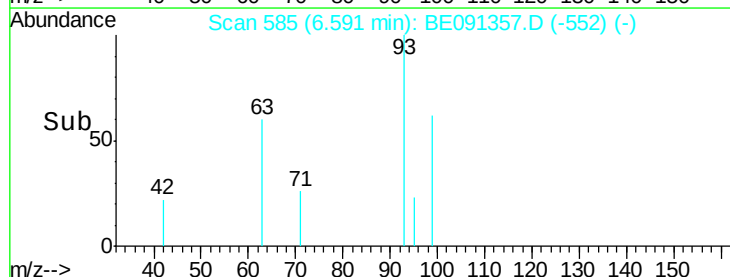
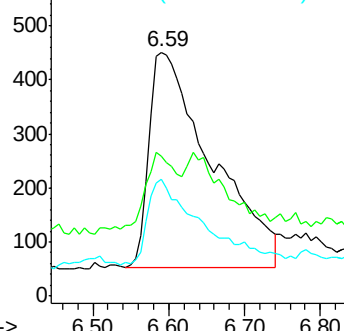
71 34.2 35.4 53.2#

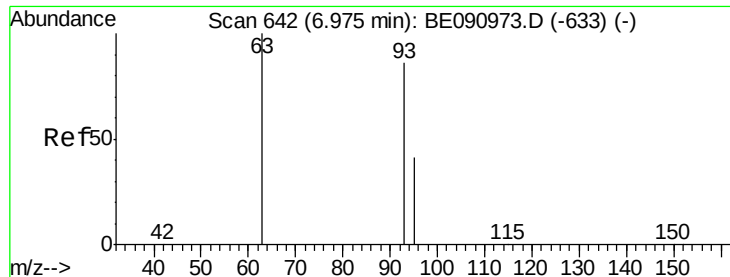


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.67 ng

RT: 6.60 min Scan# 587

Delta R.T. -0.03 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

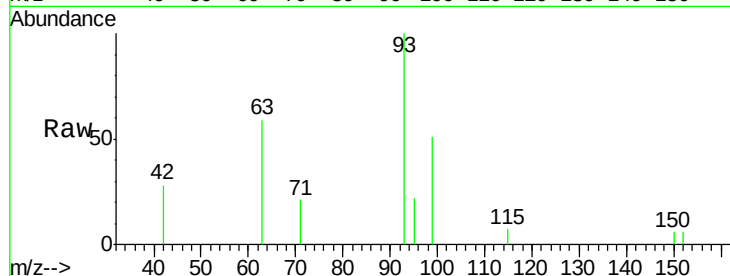
Tgt Ion: 93 Resp: 5364

Ion Ratio Lower Upper

93 100

63 37.9 0.0 0.0#

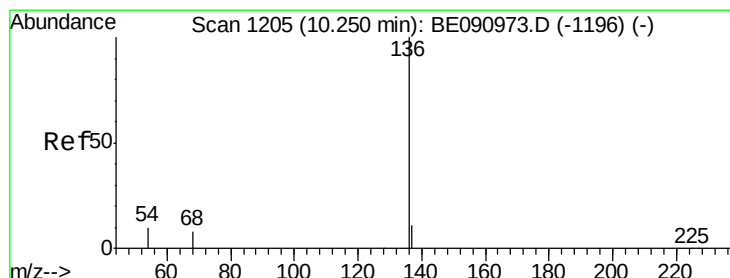
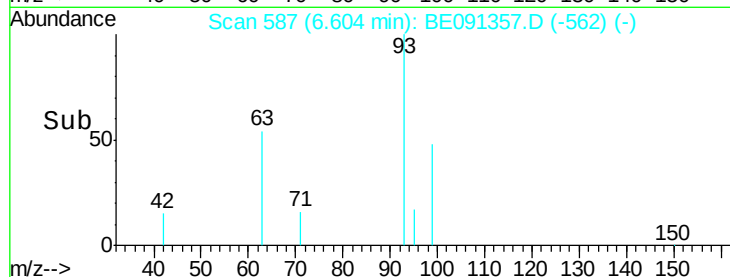
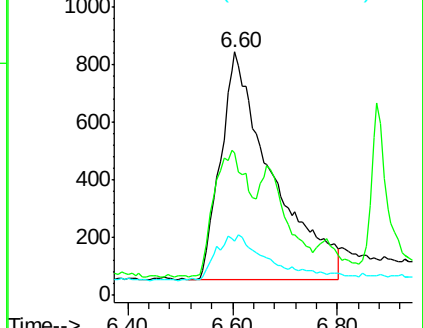
95 7.3 53.9 80.9#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.55 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Tgt Ion: 136 Resp: 121563

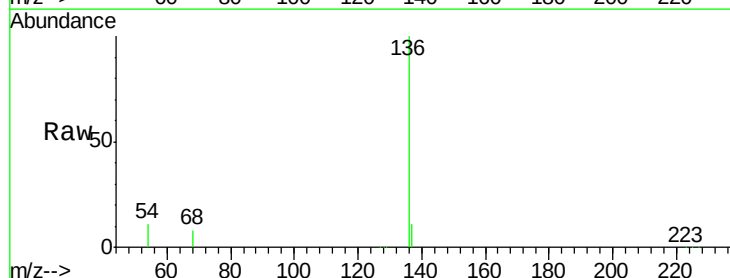
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.3 9.8 14.6

68 7.6 6.6 10.0

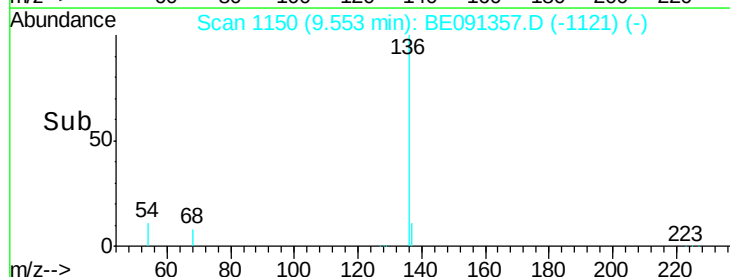
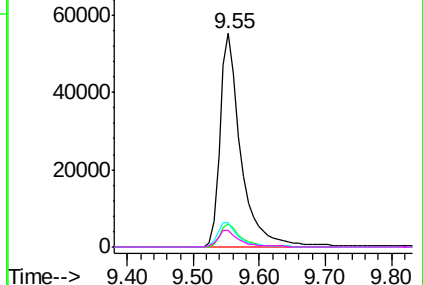


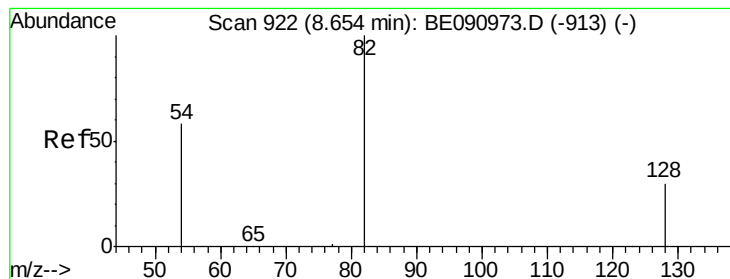
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.46 ng

RT: 8.19 min Scan# 866

Delta R.T. 0.02 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

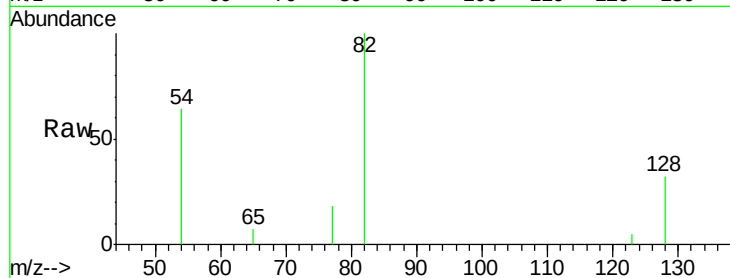
Tgt Ion: 82 Resp: 3090

Ion Ratio Lower Upper

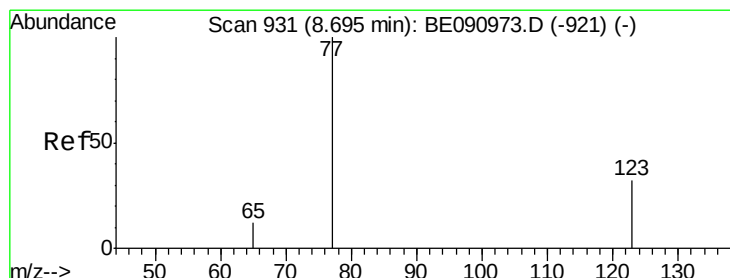
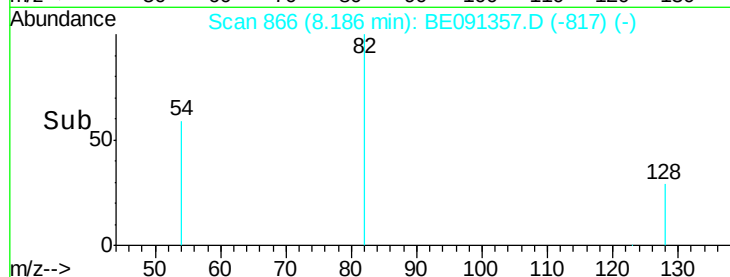
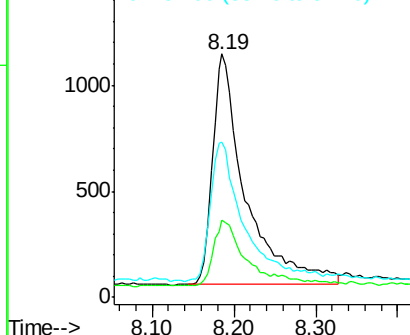
82 100

128 31.7 24.6 36.8

54 63.9 52.7 79.1



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



#9

Nitrobenzene

Concen: 0.41 ng

RT: 8.22 min Scan# 874

Delta R.T. 0.02 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

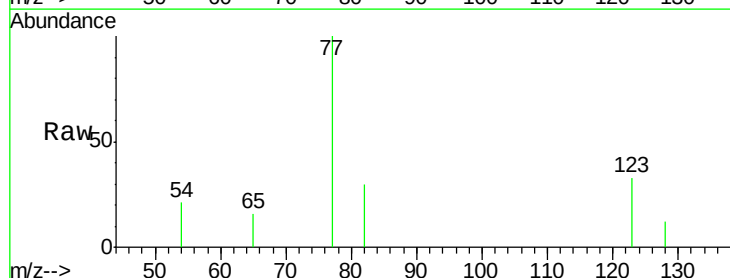
Tgt Ion: 77 Resp: 2998

Ion Ratio Lower Upper

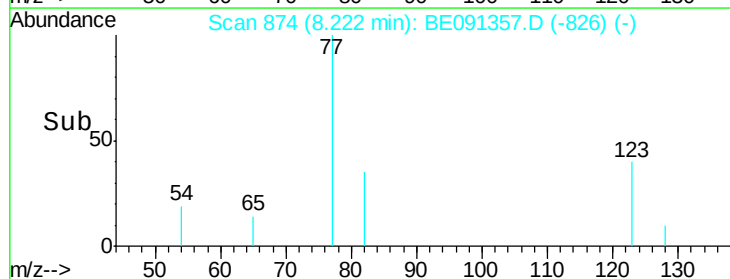
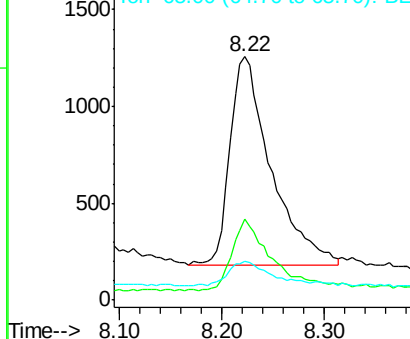
77 100

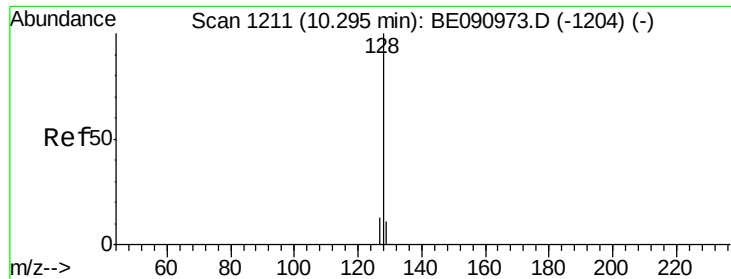
123 34.4 24.7 37.1

65 12.4 8.8 13.2



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





#10

Naphthalene

Concen: 0.47 ng

RT: 9.60 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

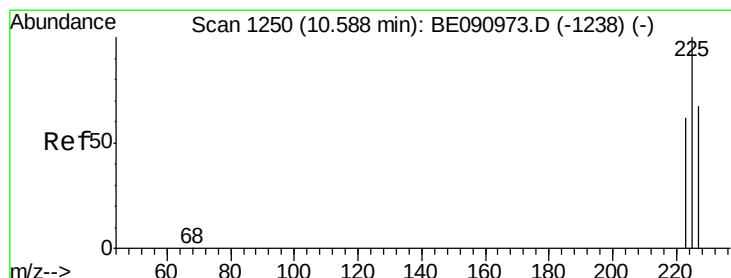
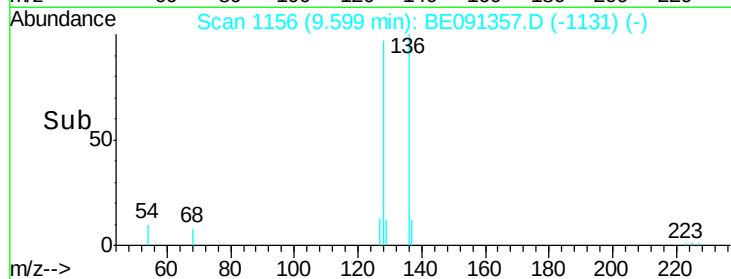
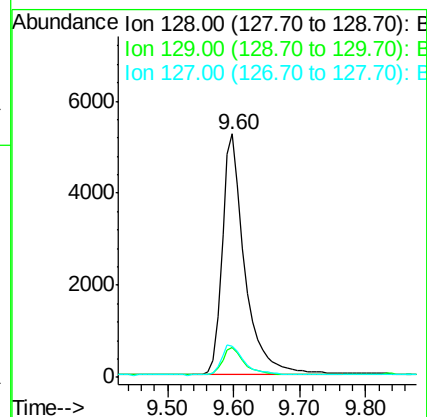
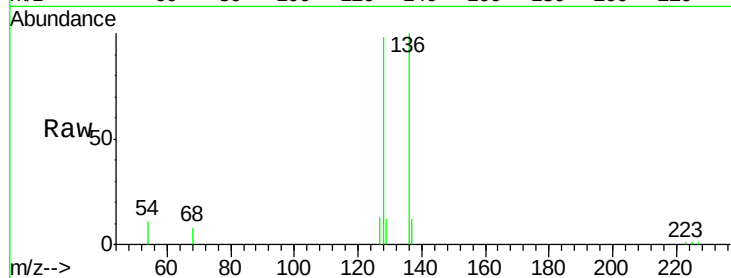
Tgt Ion:128 Resp: 12482

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

127 12.9 10.6 15.8



#11

Hexachlorobutadiene

Concen: 0.50 ng

RT: 9.83 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

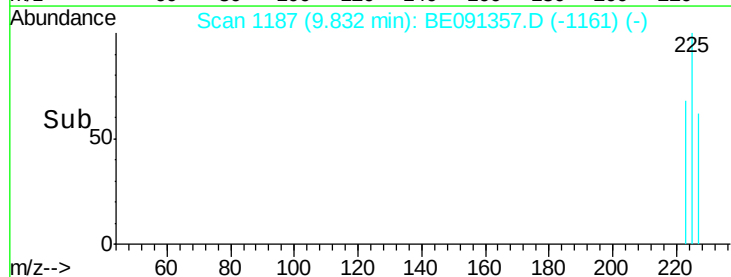
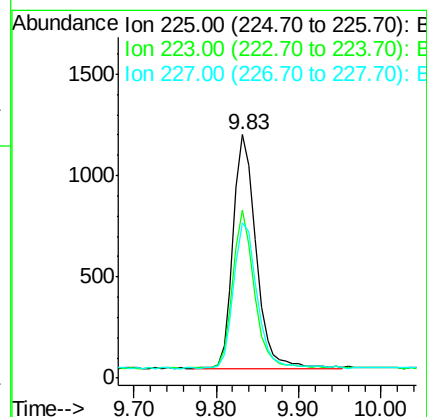
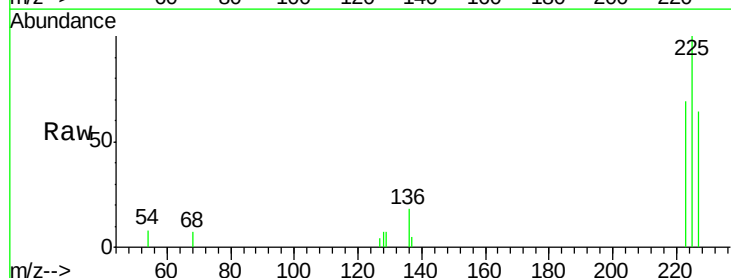
Tgt Ion:225 Resp: 2204

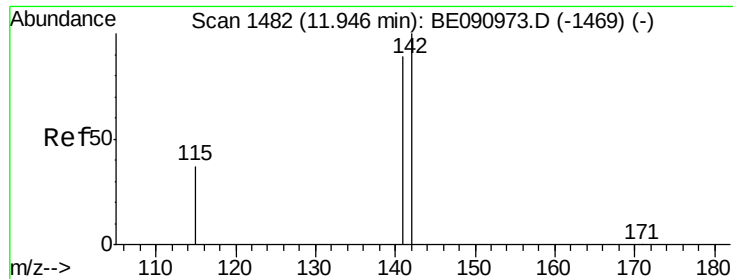
Ion Ratio Lower Upper

225 100

223 64.6 50.0 75.0

227 64.4 50.7 76.1

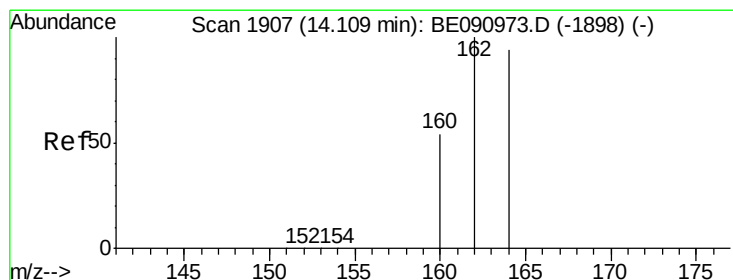
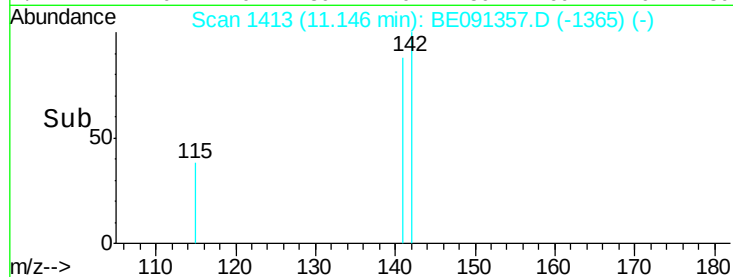
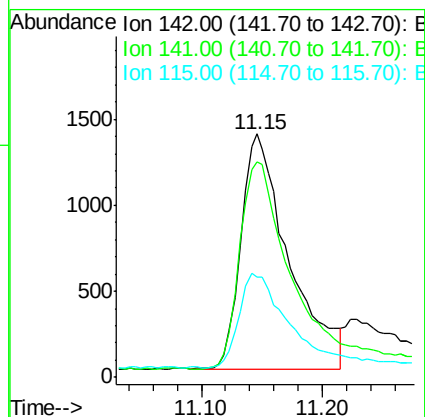
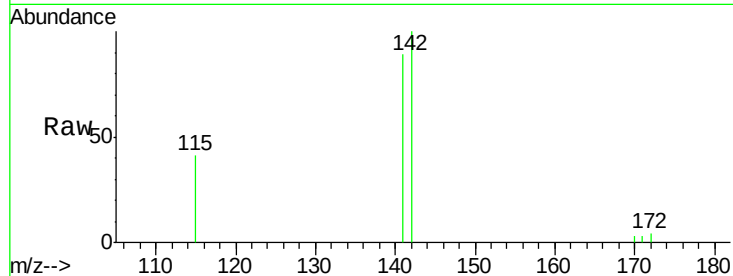




#12  
2-Methylnaphthalene  
Concen: 0.25 ng  
RT: 11.15 min Scan# 1413  
Delta R.T. 0.02 min  
Lab File: BE091357.D  
Acq: 14 Jan 2016 19:01

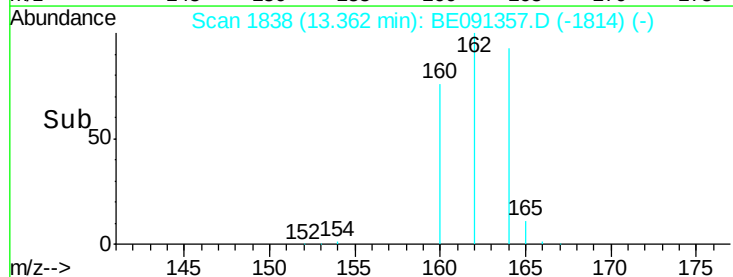
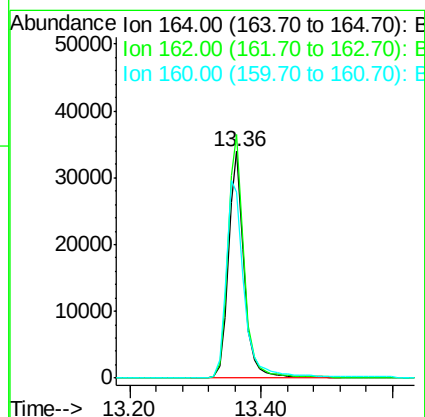
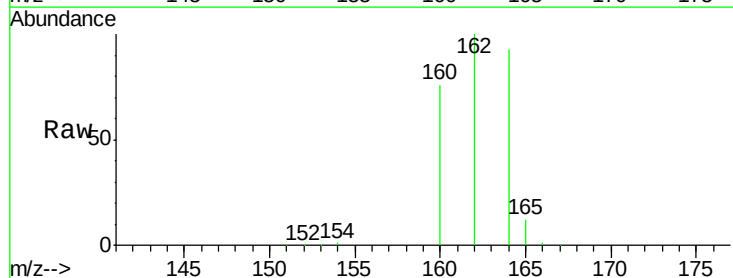
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

Tgt Ion:142 Resp: 3723  
Ion Ratio Lower Upper  
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141 88.7 74.5 111.7  
115 41.2 35.2 52.8

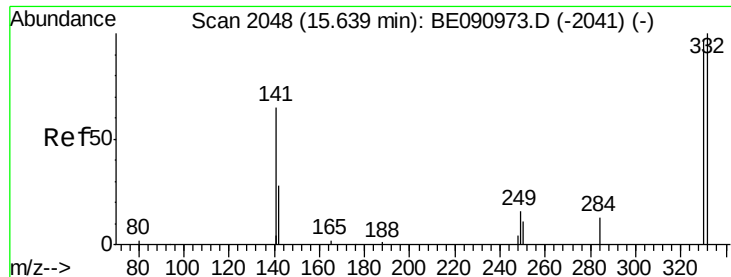


#13  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 13.36 min Scan# 1838  
Delta R.T. 0.01 min  
Lab File: BE091357.D  
Acq: 14 Jan 2016 19:01

Tgt Ion:164 Resp: 55133  
Ion Ratio Lower Upper  
164 100  
162 107.4 88.5 132.7  
160 82.1 76.7 115.1







#14

2,4,6-Tribromophenol

Concen: 0.22 ng

RT: 14.90 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

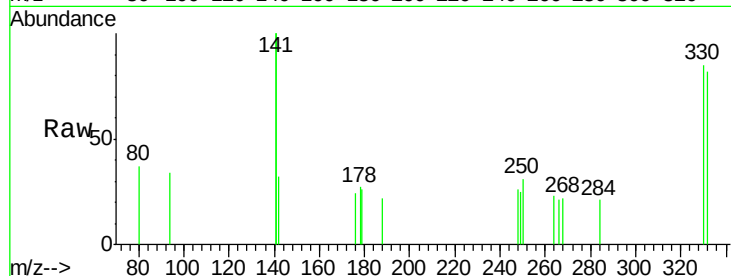
Tgt Ion:330 Resp: 375

Ion Ratio Lower Upper

330 100

332 94.4 78.6 118.0

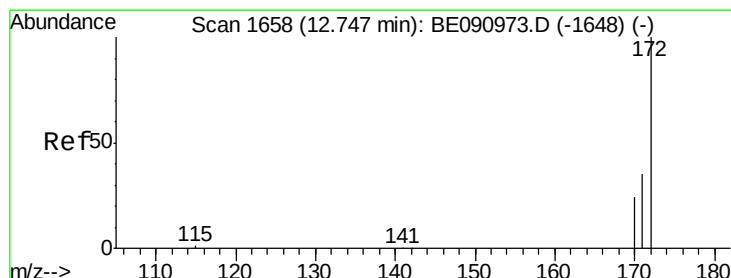
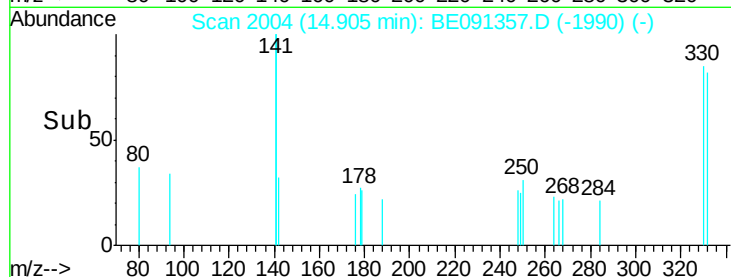
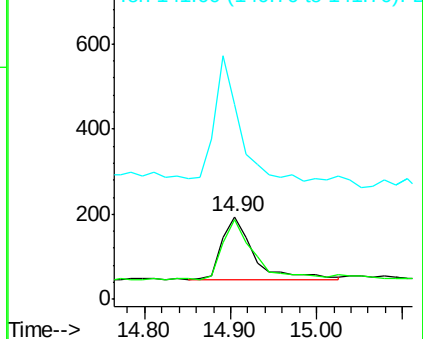
141 146.9 147.8 221.8#



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



#15

2-Fluorobiphenyl

Concen: 0.35 ng

RT: 12.02 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

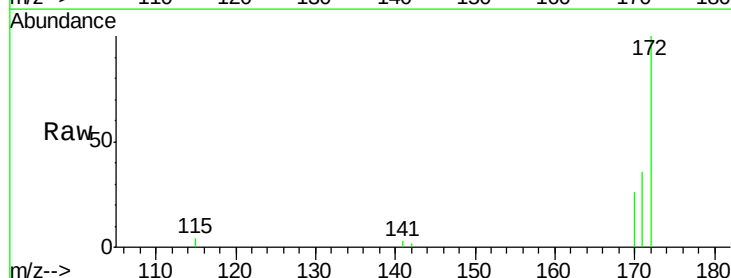
Tgt Ion:172 Resp: 5153

Ion Ratio Lower Upper

172 100

171 36.0 27.3 40.9

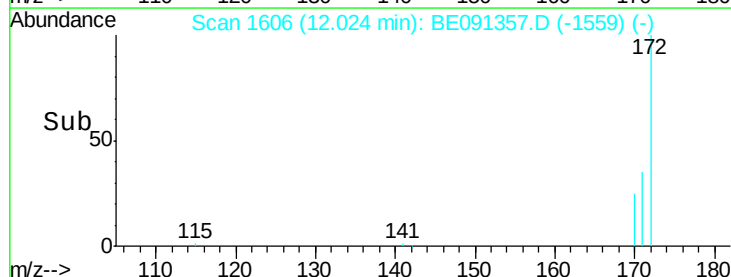
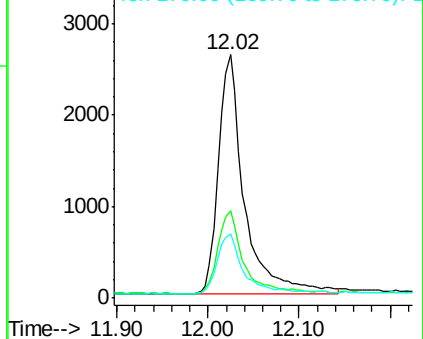
170 26.3 19.8 29.6

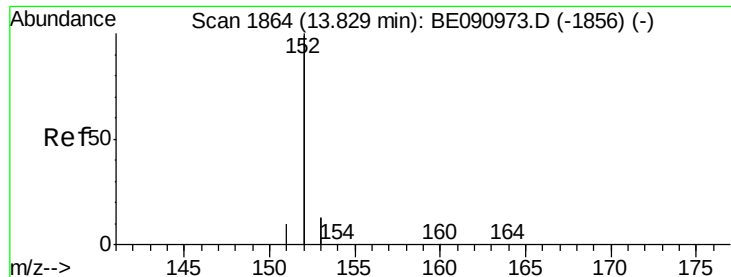


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.31 ng

RT: 13.11 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

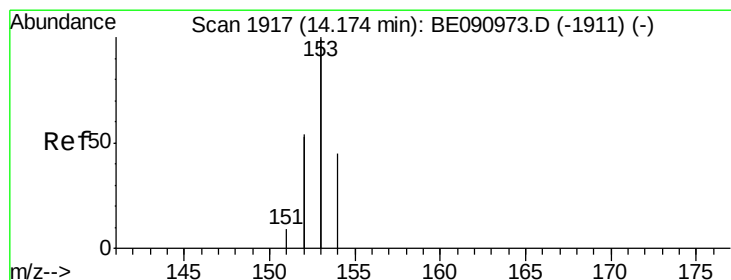
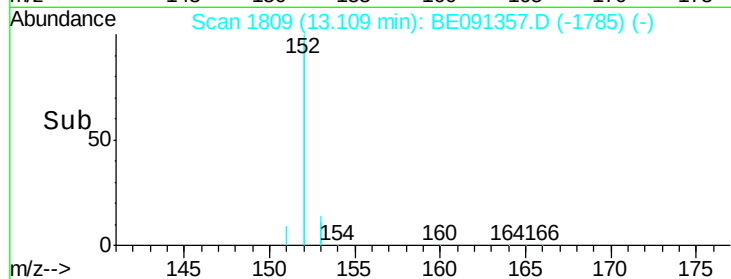
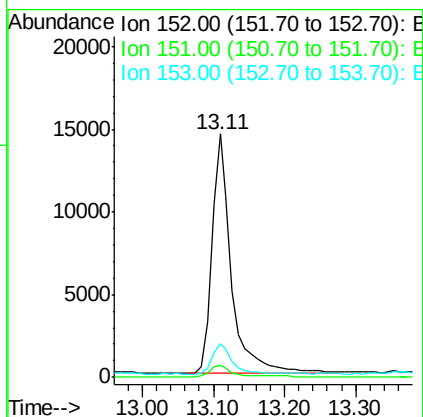
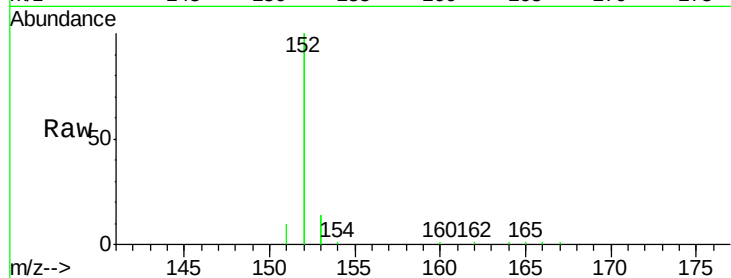
Tgt Ion:152 Resp: 27866

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

153 13.1 10.1 15.1



#17

Acenaphthene

Concen: 0.49 ng

RT: 13.41 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

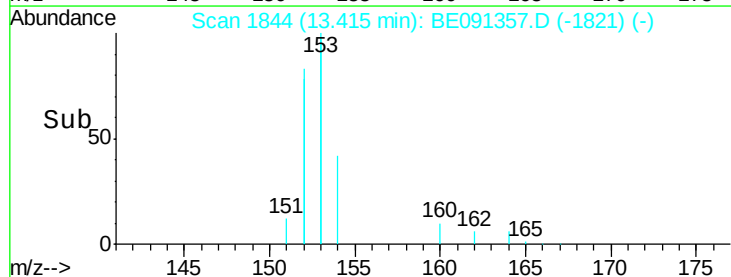
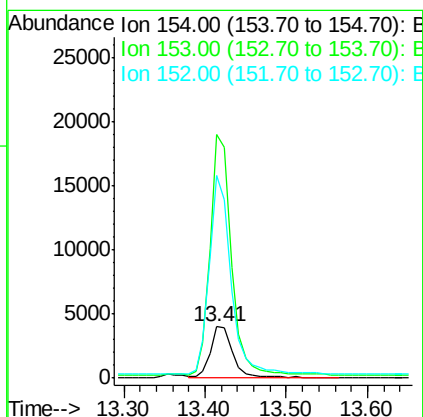
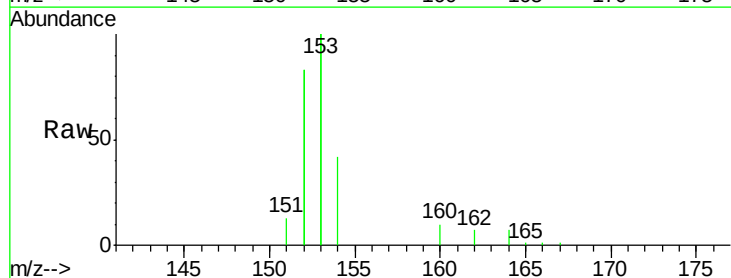
Tgt Ion:154 Resp: 7298

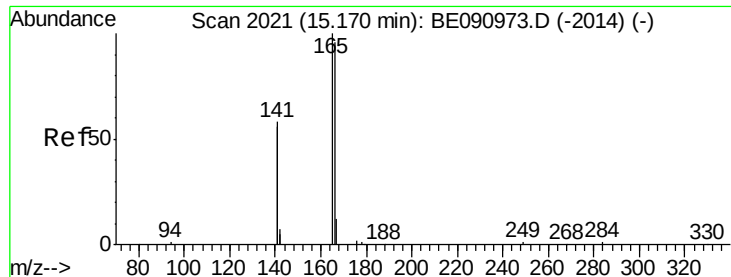
Ion Ratio Lower Upper

154 100

153 470.0 370.2 555.4

152 397.8 310.5 465.7





#18

Fluorene

Concen: 0.37 ng

RT: 14.41 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

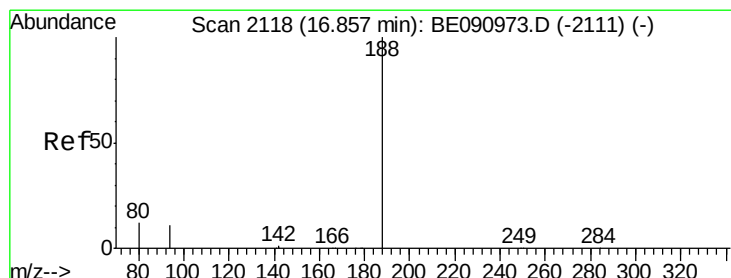
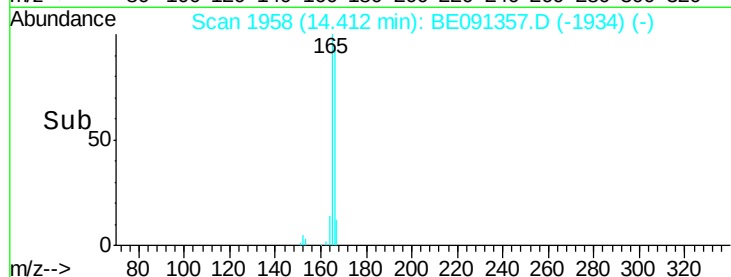
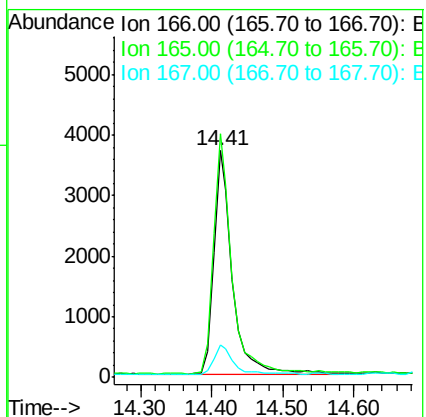
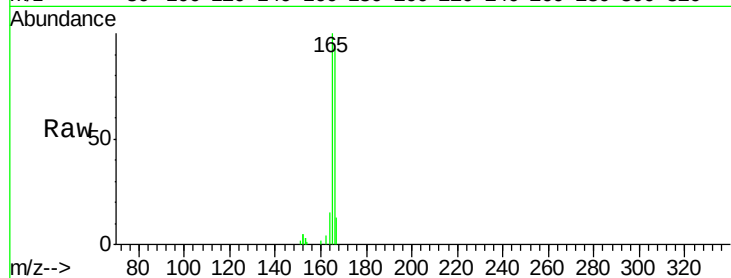
Tgt Ion:166 Resp: 6756

Ion Ratio Lower Upper

166 100

165 106.2 83.0 124.6

167 13.3 11.1 16.7



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.08 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

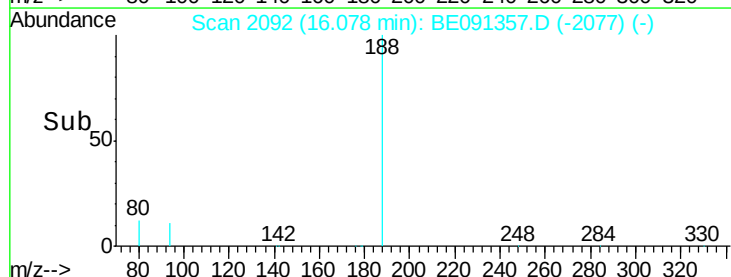
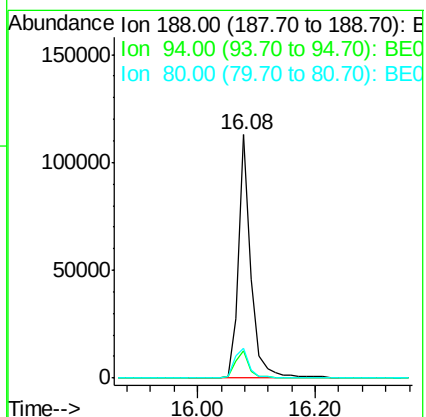
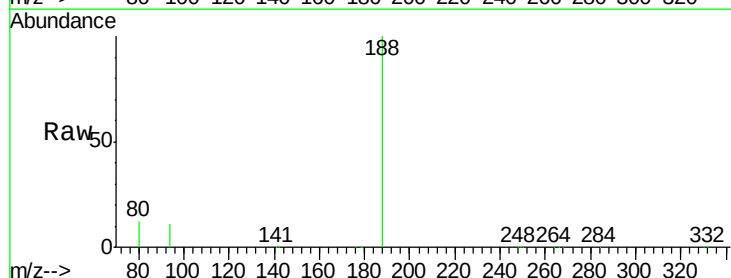
Tgt Ion:188 Resp: 167840

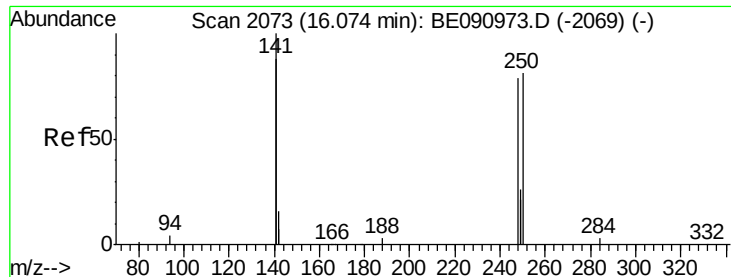
Ion Ratio Lower Upper

188 100

94 11.3 7.5 11.3#

80 12.4 8.2 12.2#

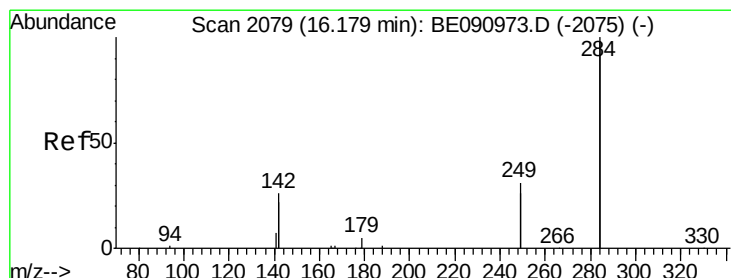
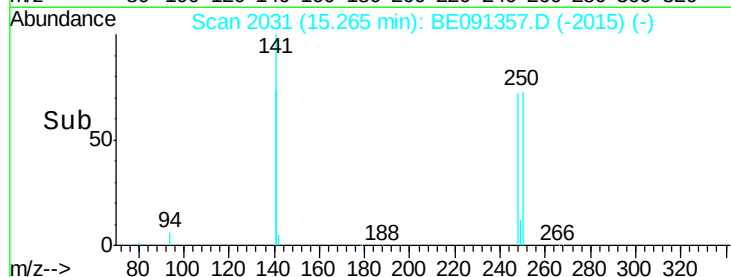
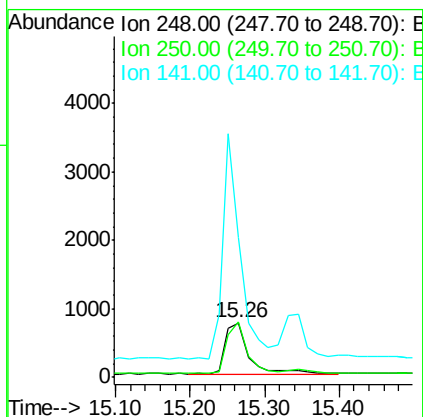
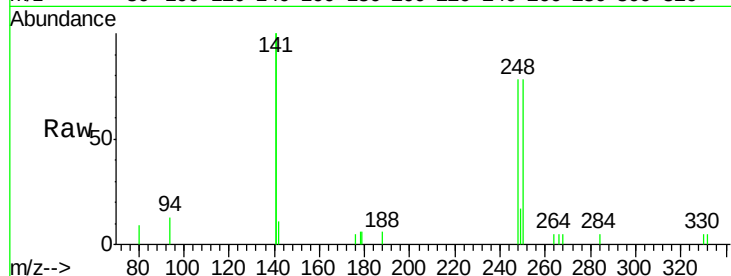




#20  
4-Bromophenyl-phenylether  
Concen: 0.27 ng  
RT: 15.26 min Scan# 2031  
Delta R.T. 0.01 min  
Lab File: BE091357.D  
Acq: 14 Jan 2016 19:01

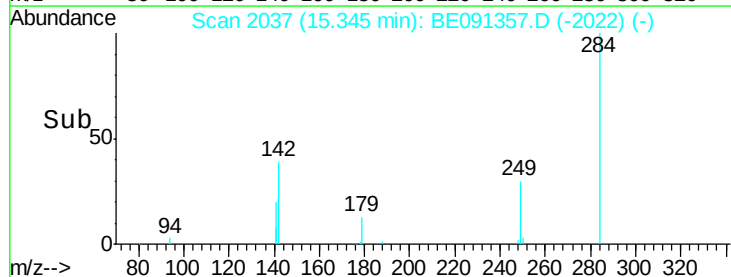
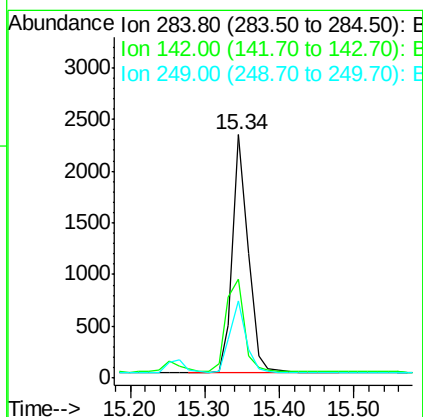
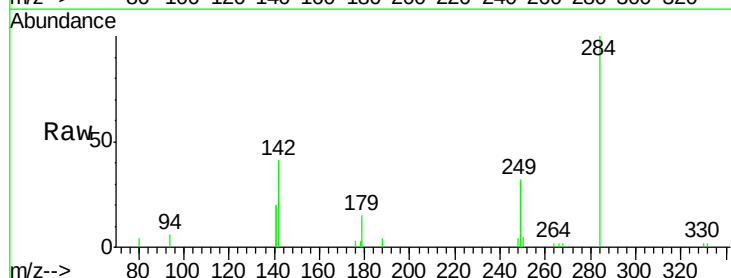
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

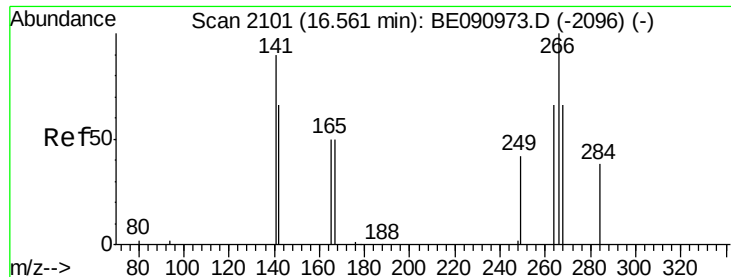
Tgt Ion:248 Resp: 1613  
Ion Ratio Lower Upper  
248 100  
250 88.2 76.2 114.2  
141 330.7 282.4 423.6



#21  
Hexachlorobenzene  
Concen: 0.11 ng  
RT: 15.34 min Scan# 2037  
Delta R.T. -0.00 min  
Lab File: BE091357.D  
Acq: 14 Jan 2016 19:01

Tgt Ion:284 Resp: 3395  
Ion Ratio Lower Upper  
284 100  
142 45.0 35.4 53.0  
249 31.3 25.0 37.4

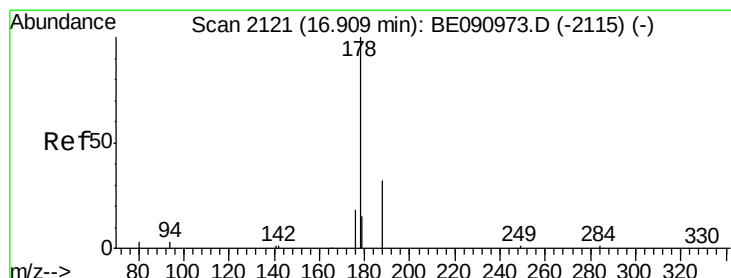
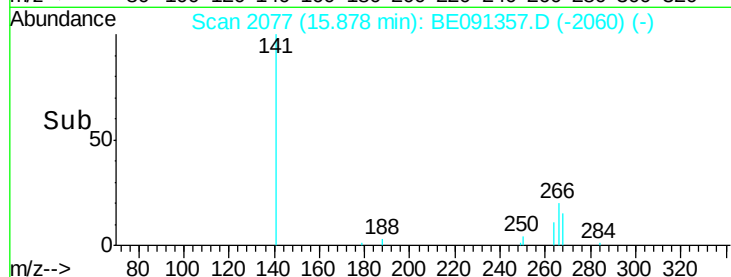
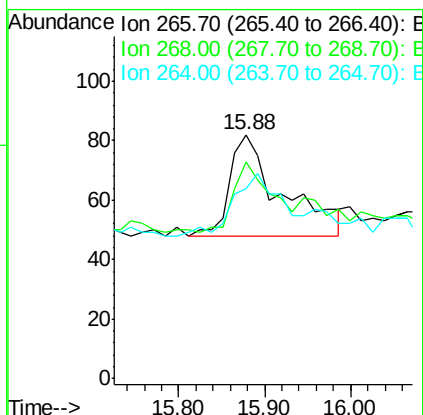
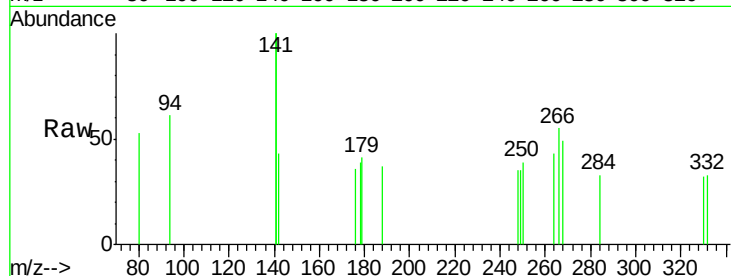




#22  
 Pentachlorophenol  
 Concen: 0.06 ng  
 RT: 15.88 min Scan# 2077  
 Delta R.T. 0.03 min  
 Lab File: BE091357.D  
 Acq: 14 Jan 2016 19:01

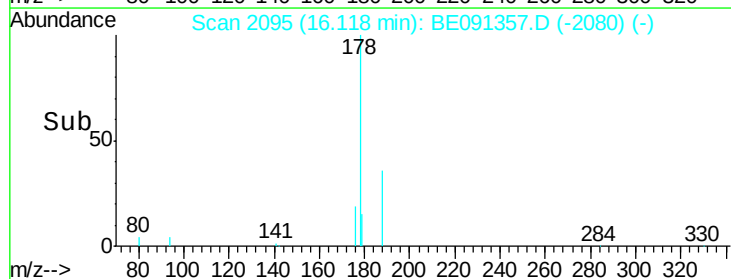
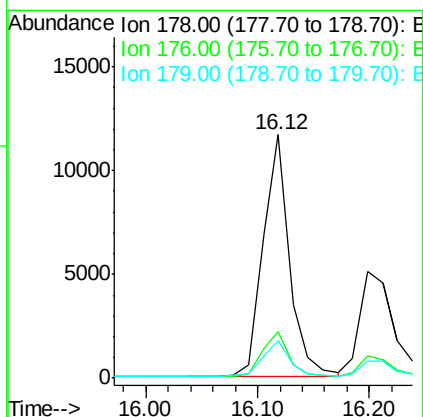
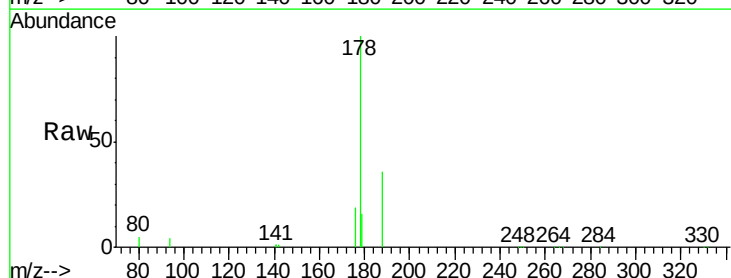
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

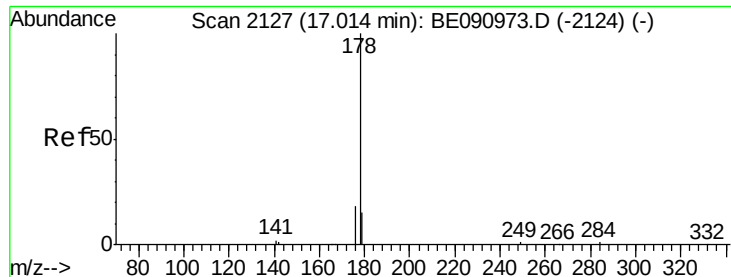
Tgt Ion: 266 Resp: 142  
 Ion Ratio Lower Upper  
 266 100  
 268 89.0 61.2 91.8  
 264 78.0 61.8 92.6



#23  
 Phenanthrene  
 Concen: 0.45 ng  
 RT: 16.12 min Scan# 2095  
 Delta R.T. -0.00 min  
 Lab File: BE091357.D  
 Acq: 14 Jan 2016 19:01

Tgt Ion: 178 Resp: 19363  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.4 23.2  
 179 16.1 12.8 19.2





#24

Anthracene

Concen: 0.30 ng

RT: 16.20 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

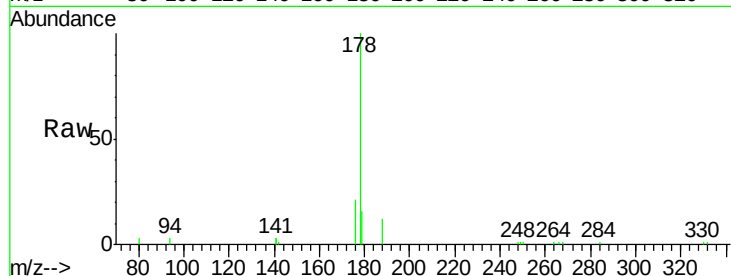
Tgt Ion:178 Resp: 11101

Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.6

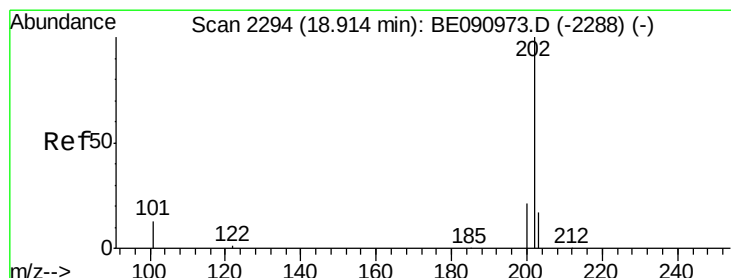
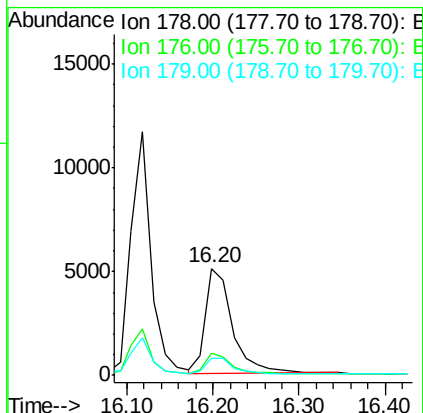
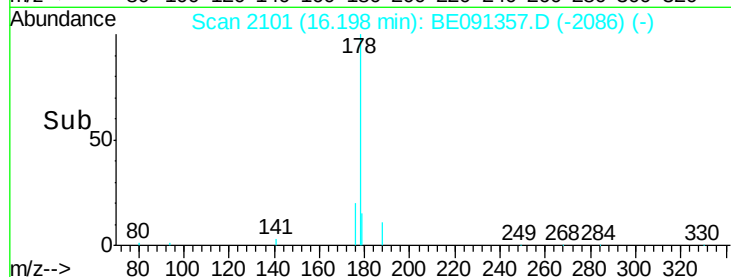
179 16.2 12.4 18.6



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



#25

Fluoranthene

Concen: 0.18 ng

RT: 18.09 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

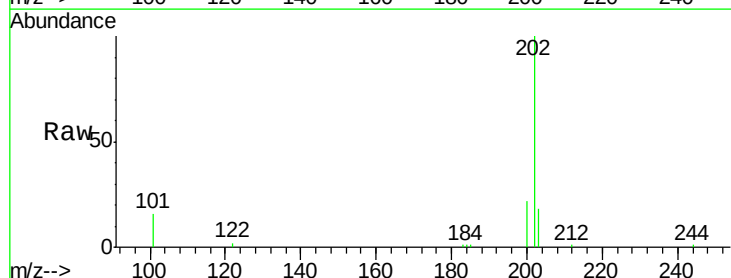
Tgt Ion:202 Resp: 8959

Ion Ratio Lower Upper

202 100

101 13.2 11.0 16.4

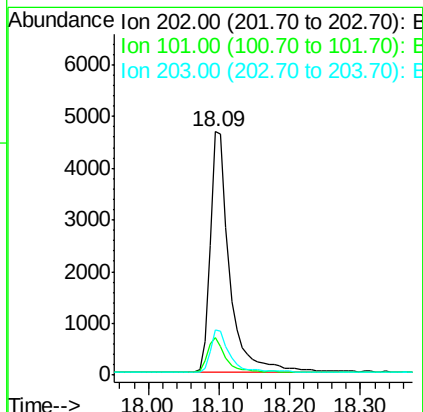
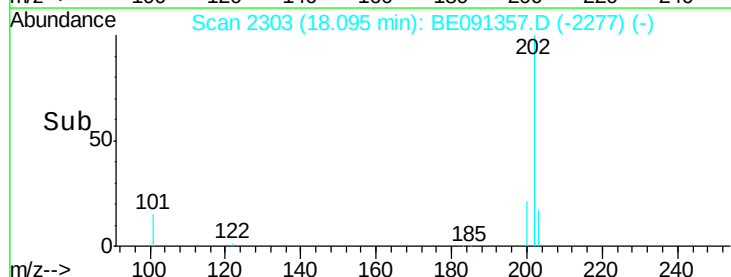
203 17.4 13.9 20.9

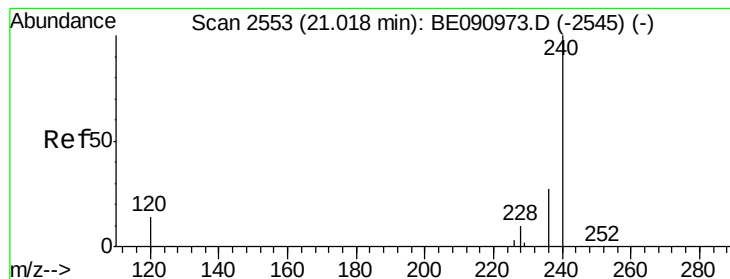


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 20.22 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

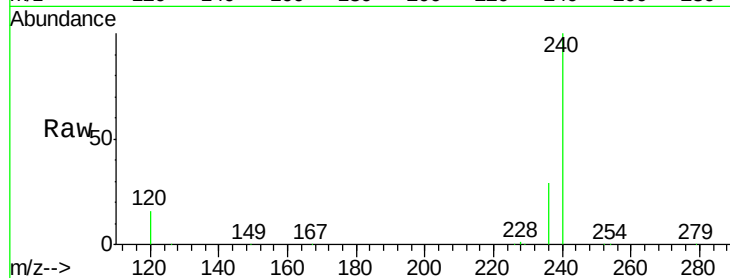
Tgt Ion:240 Resp: 156608

Ion Ratio Lower Upper

240 100

120 16.0 12.6 19.0

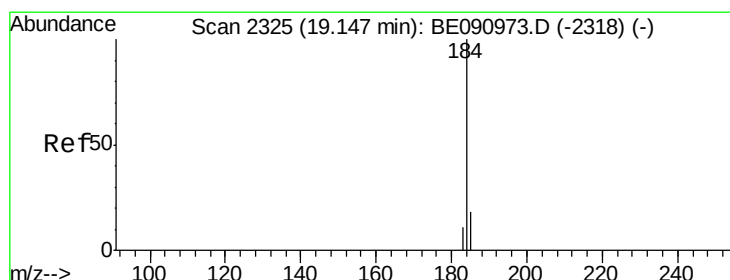
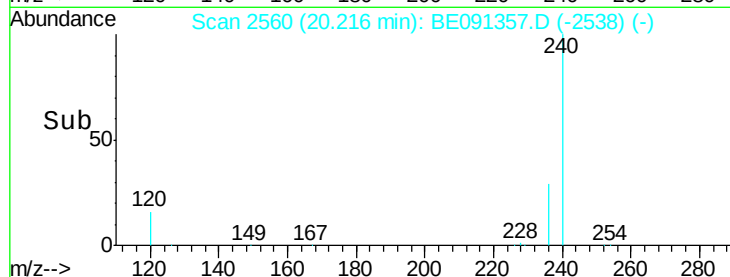
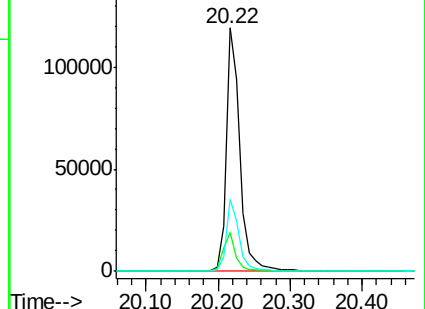
236 29.4 22.7 34.1



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



#27

Benzidine

Concen: 0.10 ng

RT: 18.55 min Scan# 2363

Delta R.T. 0.04 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

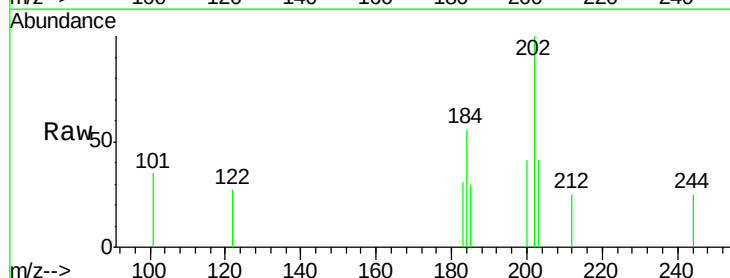
Tgt Ion:184 Resp: 261

Ion Ratio Lower Upper

184 100

185 54.4 22.0 33.0#

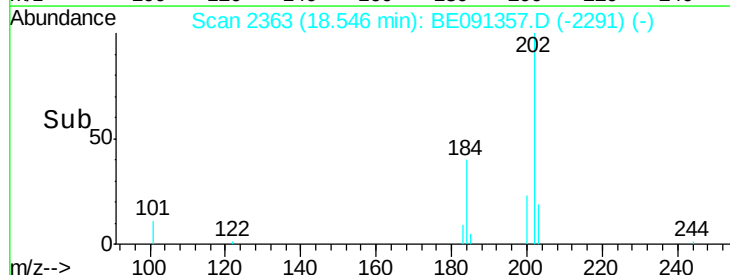
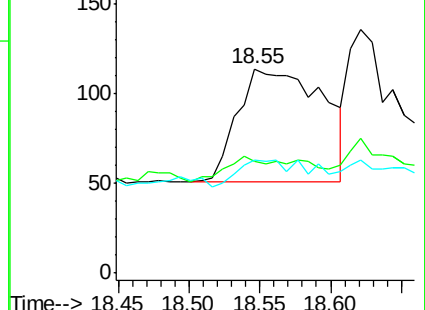
183 55.3 17.8 26.6#

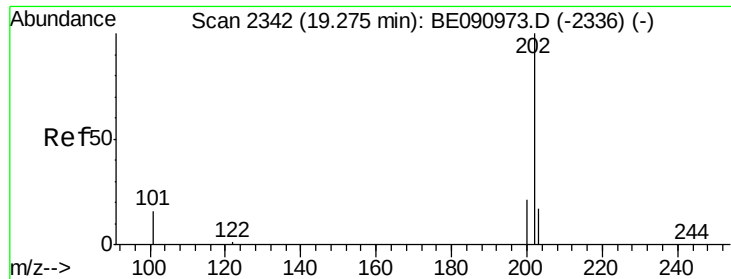


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

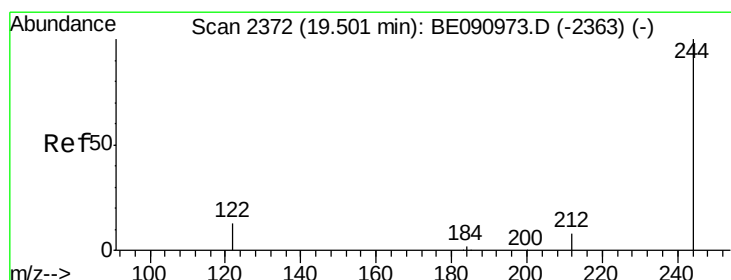
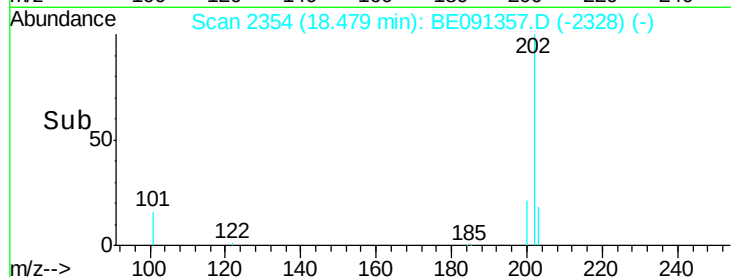
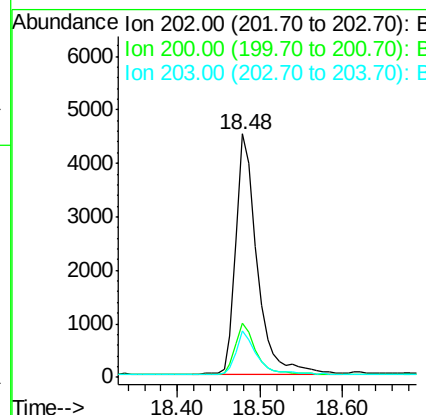
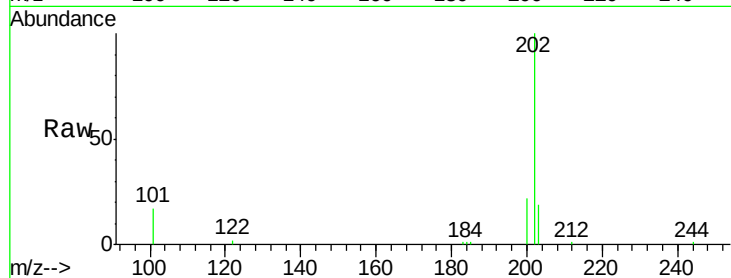




#28  
Pyrene  
Concen: 0.21 ng  
RT: 18.48 min Scan# 2354  
Delta R.T. -0.00 min  
Lab File: BE091357.D  
Acq: 14 Jan 2016 19:01

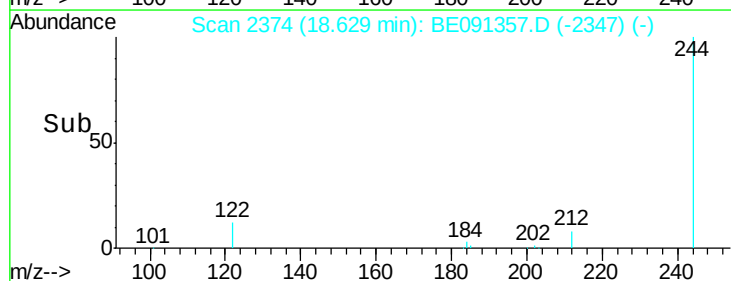
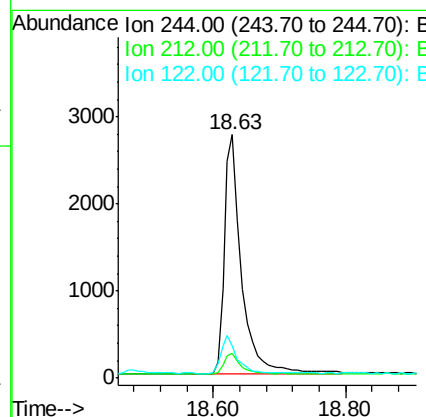
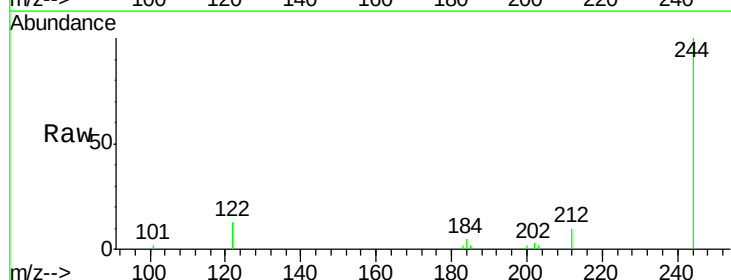
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

Tgt Ion:202 Resp: 7977  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.2 25.8  
203 17.8 14.2 21.4

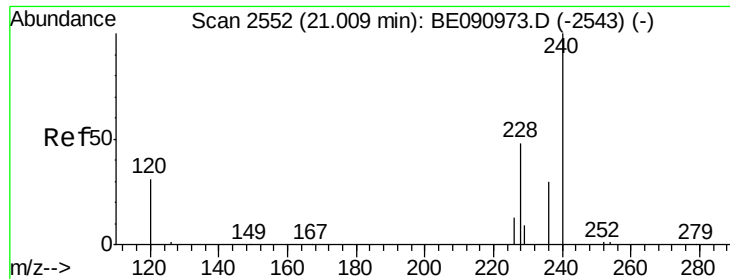


#29  
Terphenyl-d14  
Concen: 0.26 ng  
RT: 18.63 min Scan# 2374  
Delta R.T. 0.01 min  
Lab File: BE091357.D  
Acq: 14 Jan 2016 19:01

Tgt Ion:244 Resp: 5024  
Ion Ratio Lower Upper  
244 100  
212 10.0 7.0 10.4  
122 13.4 8.5 12.7#







#30

Benzo(a)anthracene

Concen: 0.21 ng

RT: 20.19 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.5

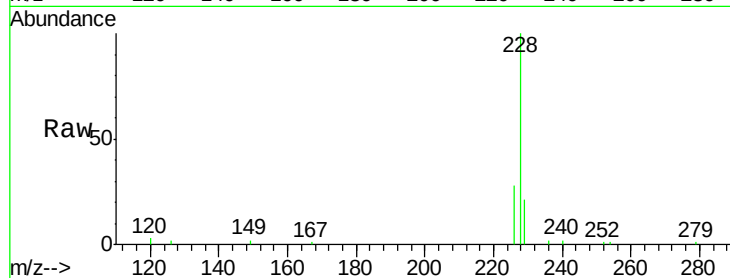
Tgt Ion:228 Resp: 7159

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

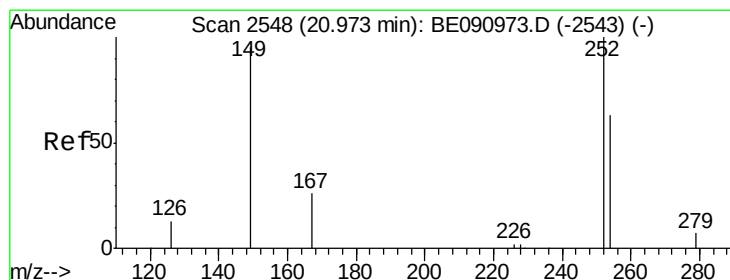
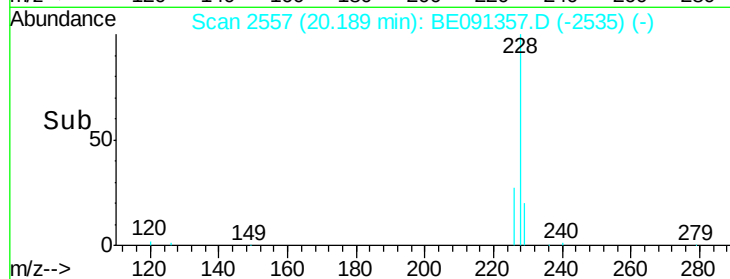
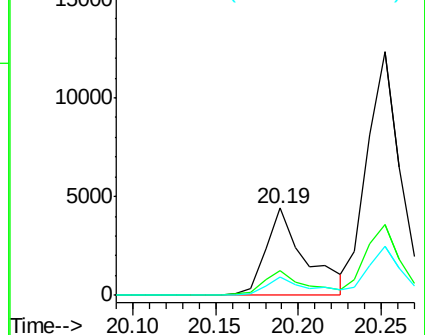
229 20.8 16.2 24.4



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



#31

3,3'-Dichlorobenzidine

Concen: 0.18 ng

RT: 20.26 min Scan# 2565

Delta R.T. 0.01 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

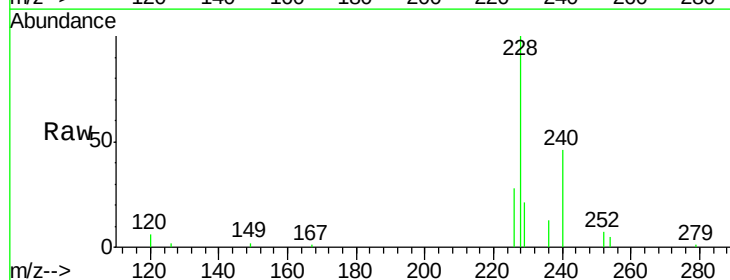
Tgt Ion:252 Resp: 1113

Ion Ratio Lower Upper

252 100

254 67.6 52.6 79.0

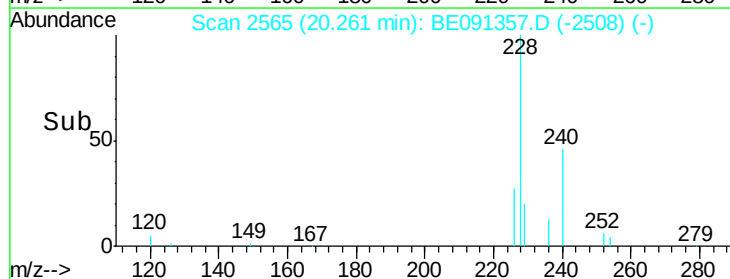
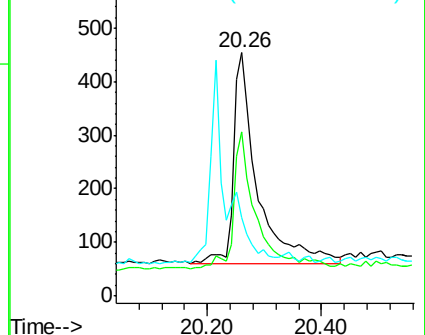
126 32.2 21.4 32.0#

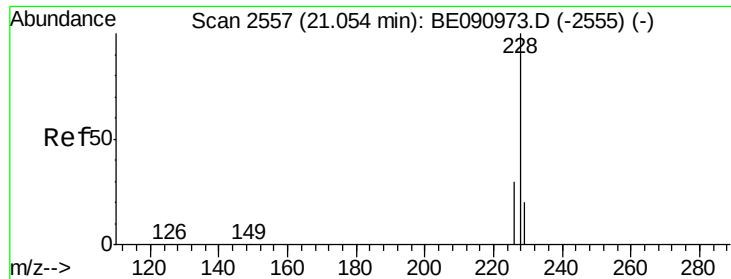


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#32

Chrysene

Concen: 0.38 ng

RT: 20.25 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.5

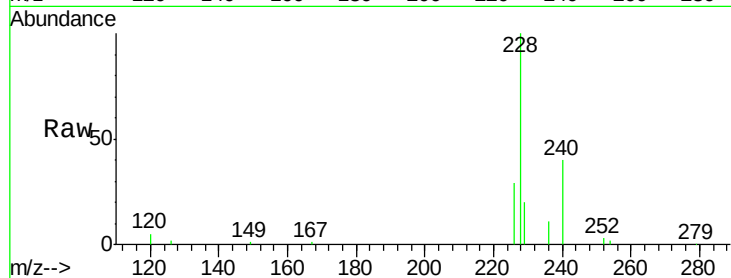
Tgt Ion:228 Resp: 17768

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

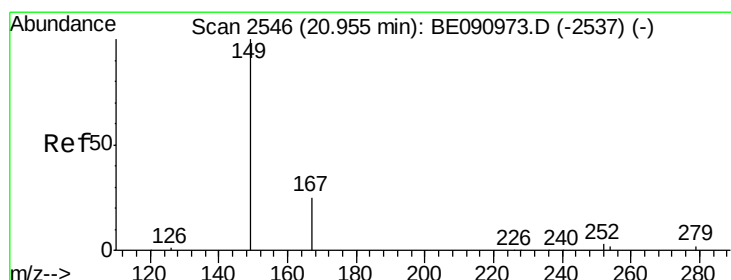
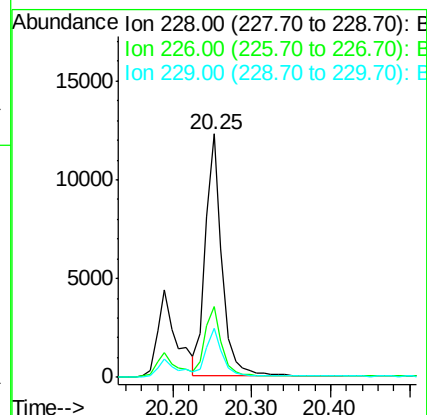
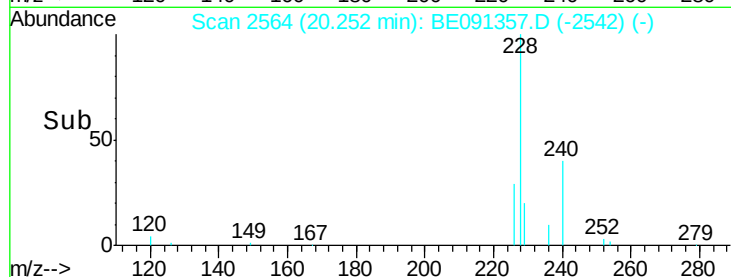
229 20.2 16.0 24.0



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.17 ng

RT: 19.89 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

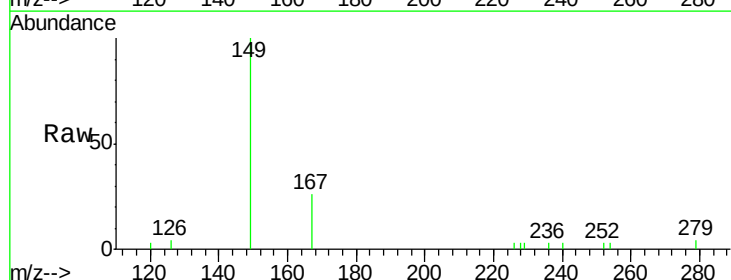
Tgt Ion:149 Resp: 2330

Ion Ratio Lower Upper

149 100

167 23.3 21.6 32.4

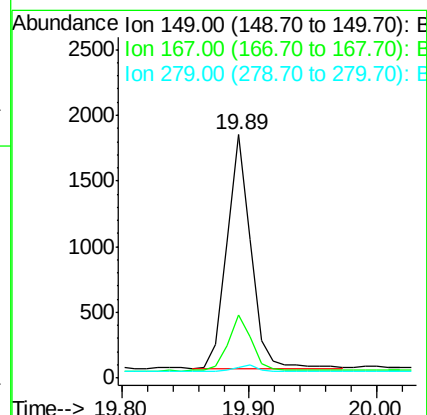
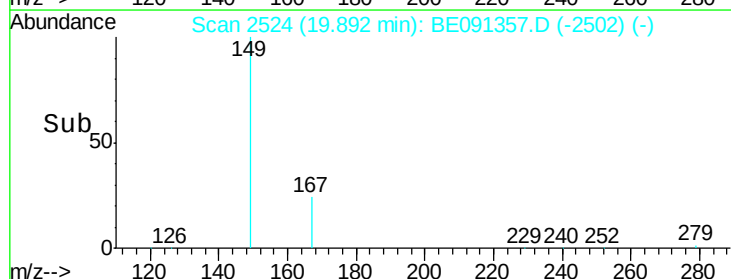
279 2.6 2.2 3.4

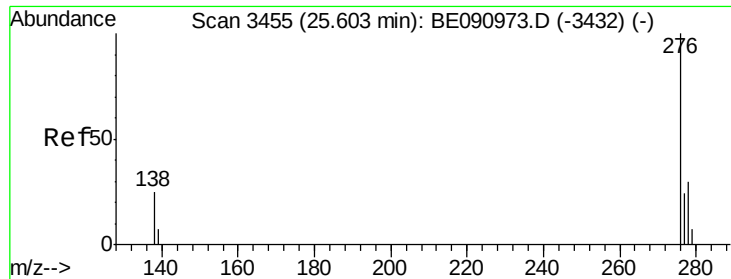


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

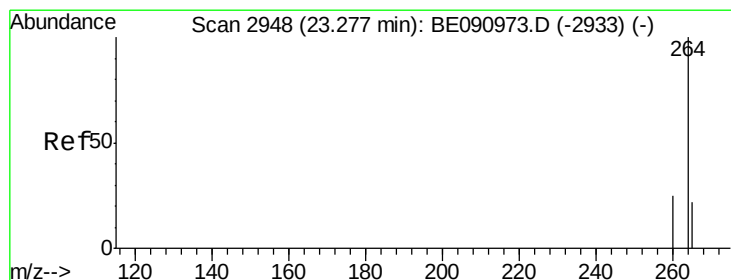
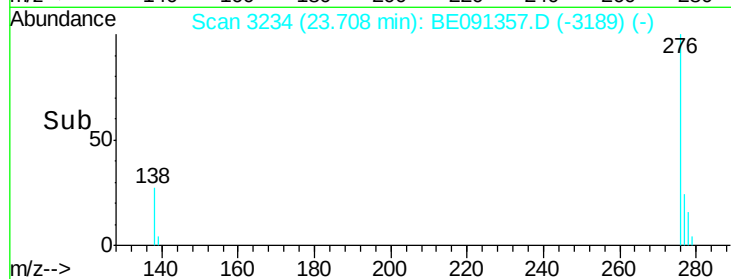
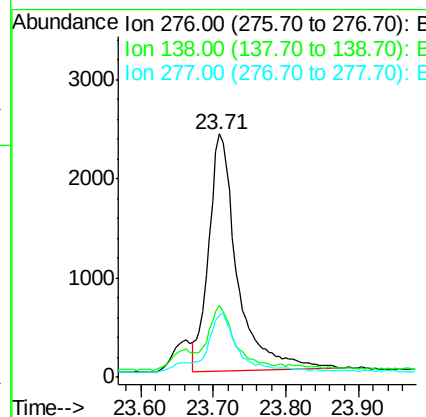
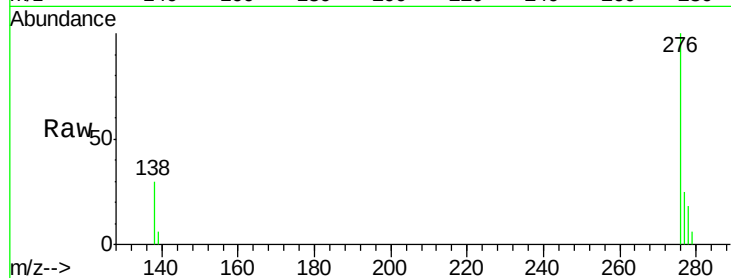




#34  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.18 ng  
 RT: 23.71 min Scan# 3234  
 Delta R.T. 0.01 min  
 Lab File: BE091357.D  
 Acq: 14 Jan 2016 19:01

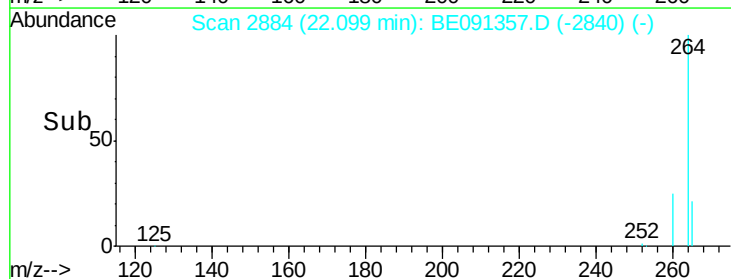
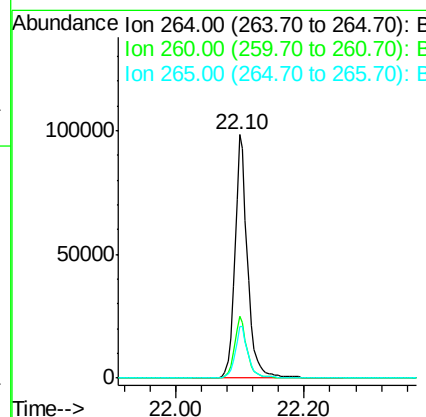
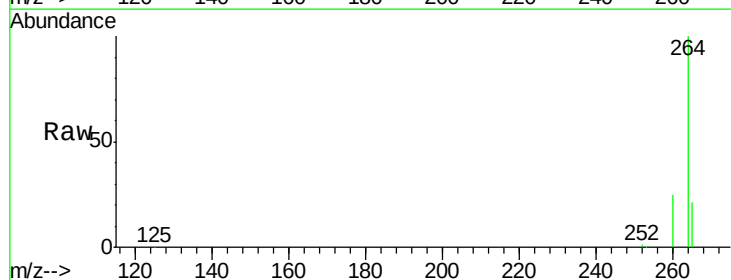
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

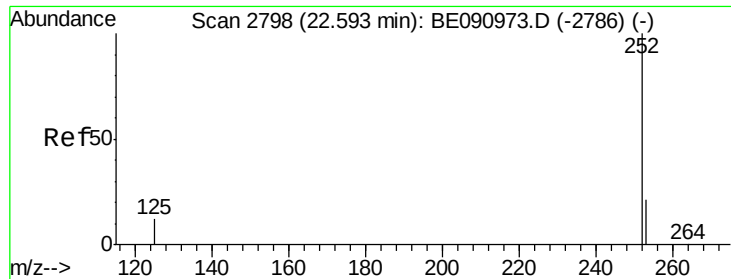
Tgt Ion: 276 Resp: 6467  
 Ion Ratio Lower Upper  
 276 100  
 138 22.7 22.5 33.7  
 277 24.3 20.0 30.0



#35  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 22.10 min Scan# 2884  
 Delta R.T. 0.00 min  
 Lab File: BE091357.D  
 Acq: 14 Jan 2016 19:01

Tgt Ion: 264 Resp: 134518  
 Ion Ratio Lower Upper  
 264 100  
 260 25.2 20.4 30.6  
 265 21.4 17.2 25.8





#36

Benzo(b)fluoranthene

Concen: 0.28 ng

RT: 21.55 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.5

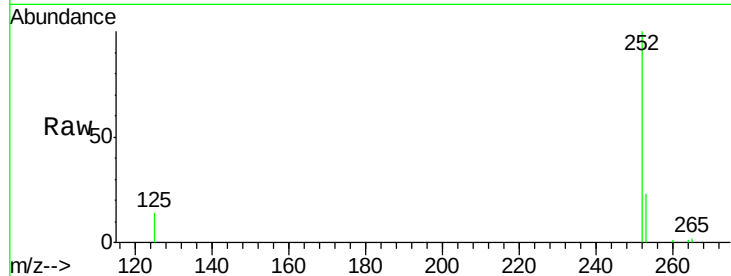
Tgt Ion:252 Resp: 8130

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 14.3 11.0 16.6

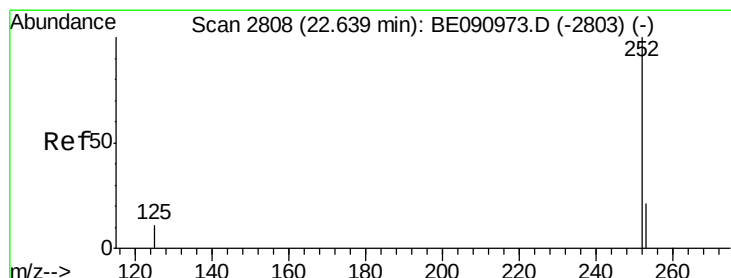
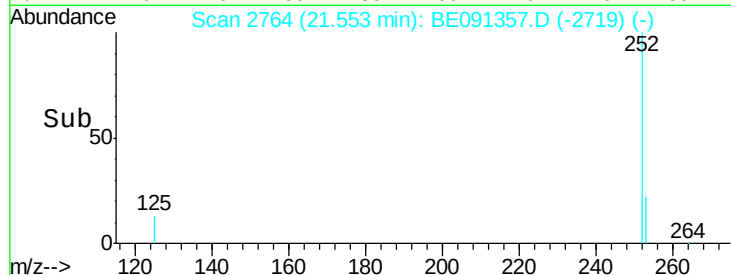
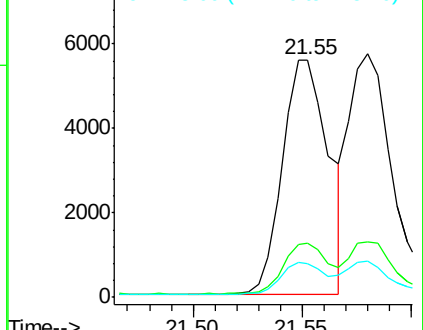


Abundance

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



#37

Benzo(k)fluoranthene

Concen: 0.21 ng

RT: 21.58 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

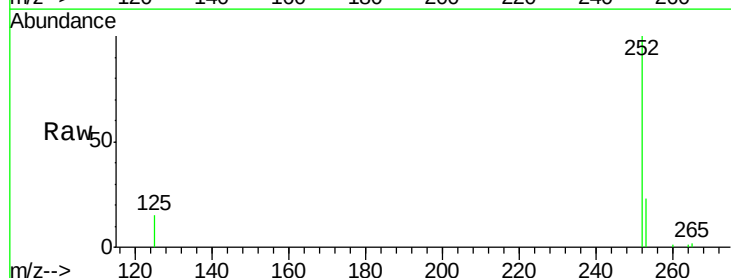
Tgt Ion:252 Resp: 8362

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 14.7 11.3 16.9

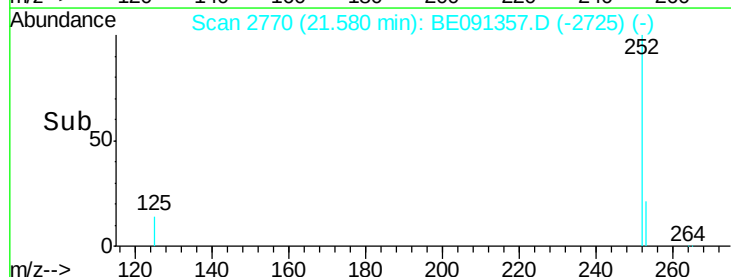
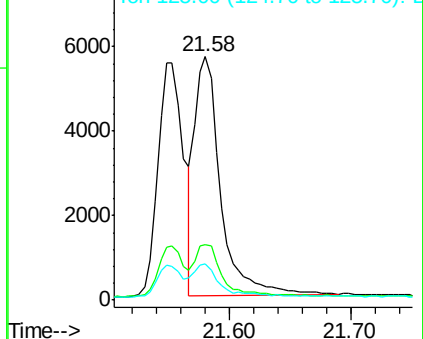


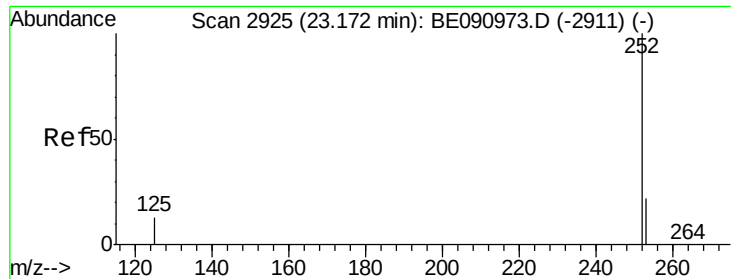
Abundance

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





#38

Benzo(a)pyrene

Concen: 0.25 ng

RT: 22.01 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

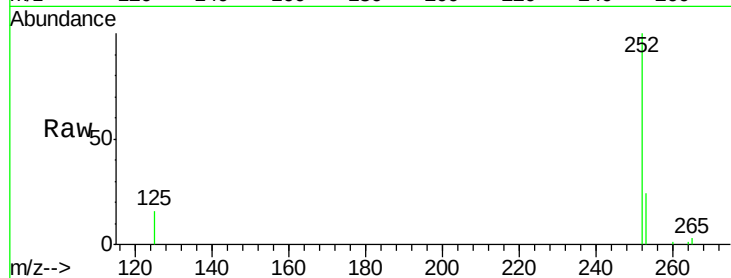
Tgt Ion:252 Resp: 6935

Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

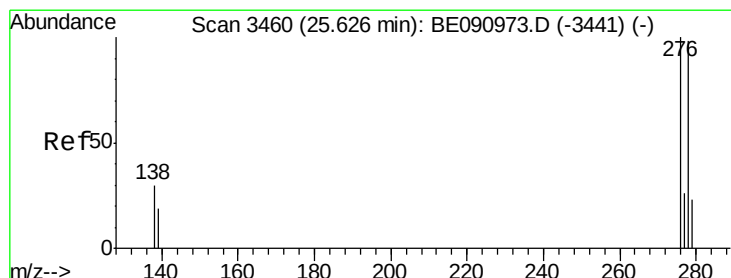
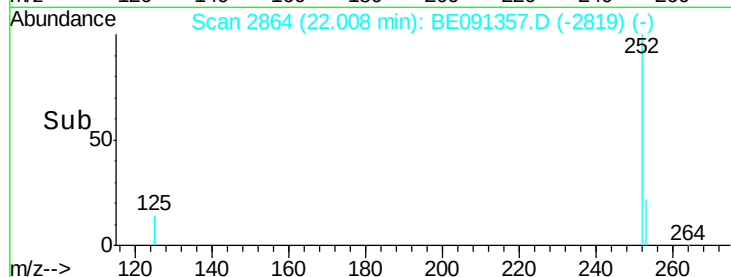
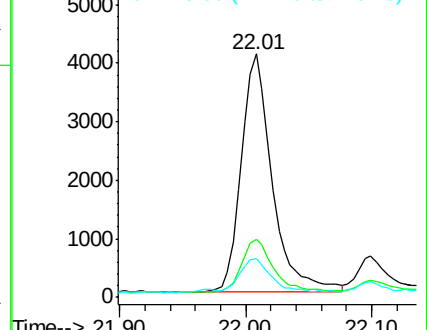
125 16.1 12.2 18.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#39

Dibenzo(a,h)anthracene

Concen: 0.18 ng

RT: 23.66 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BE091357.D

Acq: 14 Jan 2016 19:01

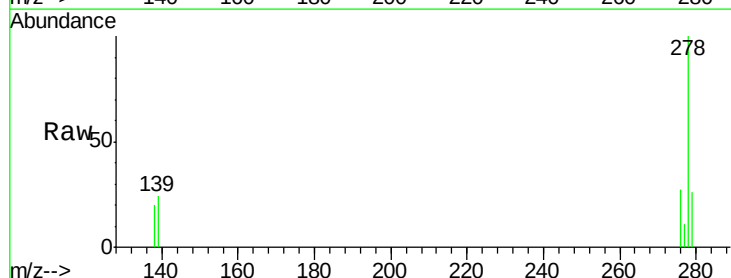
Tgt Ion:278 Resp: 4625

Ion Ratio Lower Upper

278 100

139 24.4 16.3 24.5

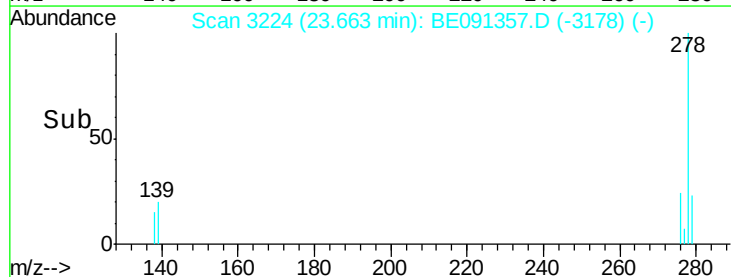
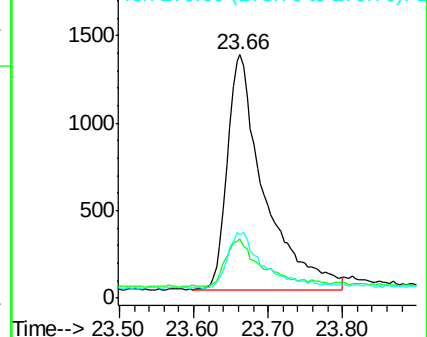
279 26.1 19.4 29.2

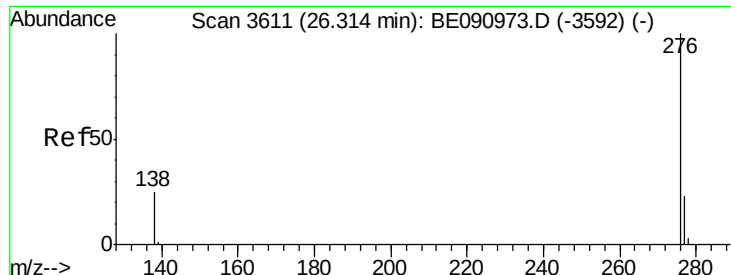


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#40

Benzo(g,h,i)perylene

Concen: 0.25 ng

RT: 24.26 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BE091357.D

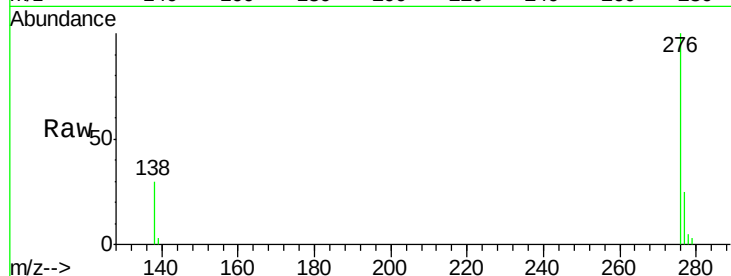
Acq: 14 Jan 2016 19:01

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5



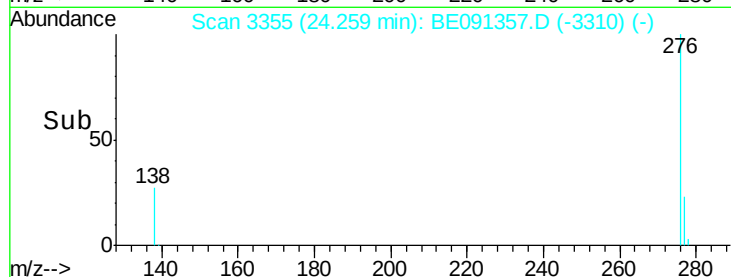
Tgt Ion: 276 Resp: 7072

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.6

138 29.6 23.3 34.9



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

