

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE091815\  
 Data File : BE090884.D  
 Acq On : 18 Sep 2015 14:05  
 Operator : UM/IZ  
 Sample : SSTDICC0.5  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

Quant Time: Sep 18 15:58:31 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE091815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 18 15:49:17 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 29802    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.30 | 136  | 130771   | 5.00 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.17 | 164  | 68425    | 5.00 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.91 | 188  | 165274   | 5.00 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.07 | 240  | 228190   | 5.00 | ng    | 0.00     |
| 33) Perylene-d12          | 23.35 | 264  | 228558   | 5.00 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.18  | 112 | 3264  | 0.51 | ng | 0.00 |
| 5) Phenol-d6                | 6.77  | 99  | 3911  | 0.46 | ng | 0.01 |
| 8) Nitrobenzene-d5          | 8.71  | 82  | 3989  | 0.45 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.69 | 330 | 1111  | 0.53 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.80 | 172 | 8624  | 0.45 | ng | 0.00 |
| 28) Terphenyl-d14           | 19.53 | 244 | 12414 | 0.47 | ng | 0.00 |

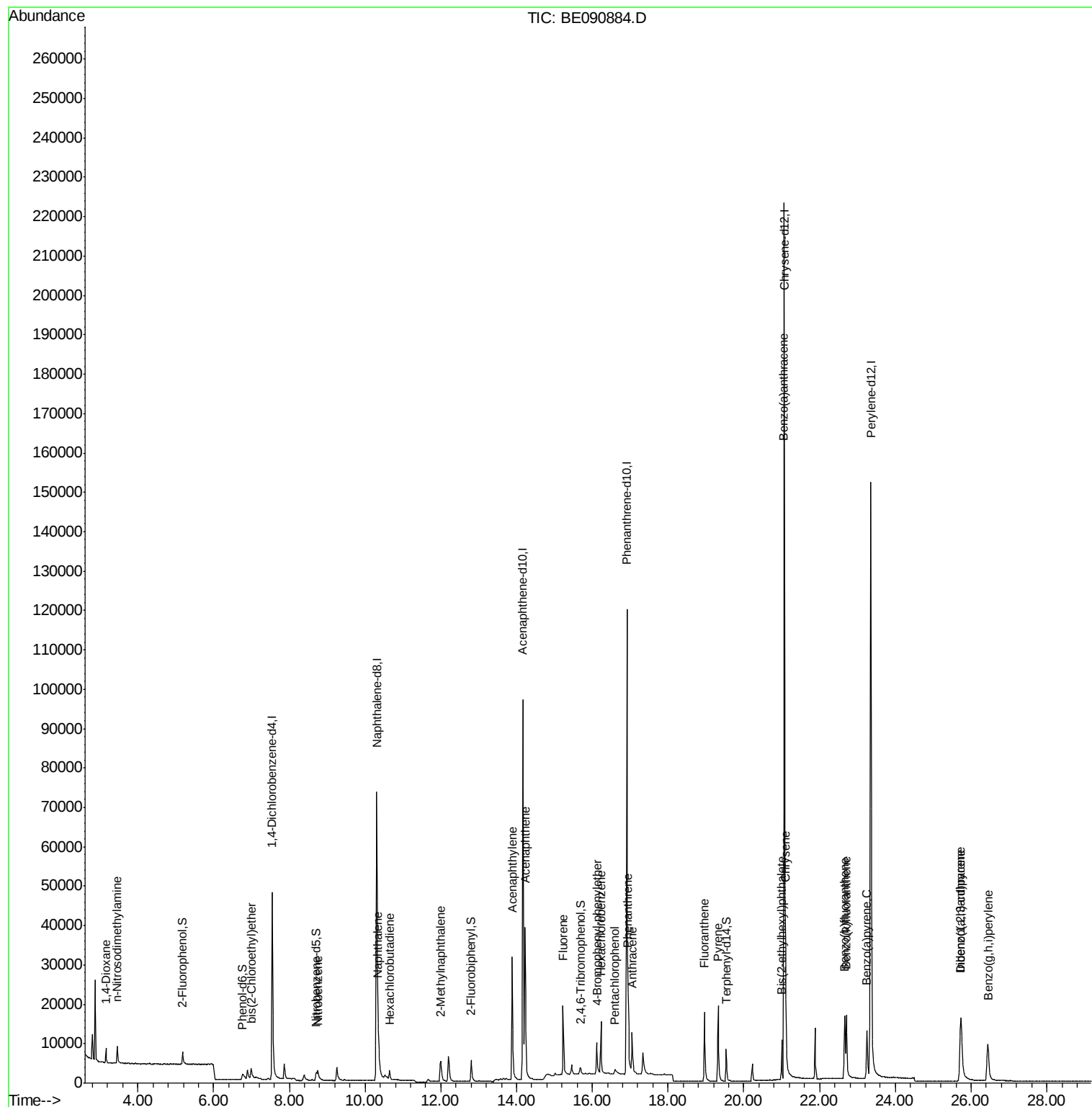
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.15  | 88  | 2229  | 0.48   | ng | 97   |
| 3) n-Nitrosodimethylamine      | 3.45  | 42  | 2679  | 0.43   | ng | # 85 |
| 6) bis(2-Chloroethyl)ether     | 6.99  | 93  | 4117  | 0.42   | ng | 90   |
| 9) Nitrobenzene                | 8.75  | 77  | 4211  | 0.43   | ng | 97   |
| 10) Naphthalene                | 10.35 | 128 | 13306 | 0.46   | ng | 98   |
| 11) Hexachlorobutadiene        | 10.64 | 225 | 2004  | 0.45   | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.00 | 142 | 7744  | 0.49   | ng | 99   |
| 16) Acenaphthylene             | 13.88 | 152 | 52186 | 0.47   | ng | 99   |
| 17) Acenaphthene               | 14.22 | 154 | 8161  | 0.44   | ng | 91   |
| 18) Fluorene                   | 15.22 | 166 | 10032 | 0.44   | ng | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.13 | 248 | 2760  | 0.47   | ng | 93   |
| 21) Hexachlorobenzene          | 16.23 | 284 | 13285 | 0.43   | ng | 99   |
| 22) Pentachlorophenol          | 16.60 | 266 | 1187  | 0.51   | ng | 90   |
| 23) Phenanthrene               | 16.95 | 178 | 18640 | 0.44   | ng | 100  |
| 24) Anthracene                 | 17.05 | 178 | 16337 | 0.47   | ng | 98   |
| 25) Fluoranthene               | 18.96 | 202 | 21764 | 0.49   | ng | 100  |
| 27) Pyrene                     | 19.32 | 202 | 22623 | 0.47   | ng | 100  |
| 29) Benzo(a)anthracene         | 21.05 | 228 | 24428 | 0.46   | ng | 99   |
| 30) Chrysene                   | 21.10 | 228 | 27504 | 0.46   | ng | 99   |
| 31) Bis(2-ethylhexyl)phthalate | 21.00 | 149 | 9073  | 0.53   | ng | 100  |
| 32) Indeno(1,2,3-cd)pyrene     | 25.72 | 276 | 28506 | 0.51   | ng | 99   |
| 34) Benzo(b)fluoranthene       | 22.66 | 252 | 23181 | 0.46   | ng | 98   |
| 35) Benzo(k)fluoranthene       | 22.71 | 252 | 26053 | 0.44   | ng | 98   |
| 36) Benzo(a)pyrene             | 23.25 | 252 | 21767 | 0.48   | ng | # 91 |
| 37) Dibenzo(a,h)anthracene     | 25.74 | 278 | 22372 | 0.46   | ng | 97   |
| 38) Benzo(g,h,i)perylene       | 26.44 | 276 | 24516 | 0.47   | ng | 96   |

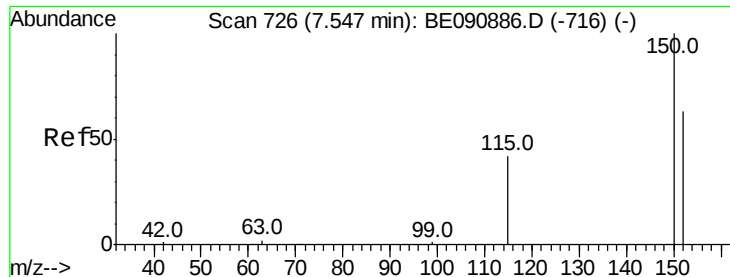
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE091815\  
Data File : BE090884.D  
Acq On : 18 Sep 2015 14:05  
Operator : UM/IZ  
Sample : SSTDICC0.5  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC0.5

Quant Time: Sep 18 15:58:31 2015  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE091815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 18 15:49:17 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

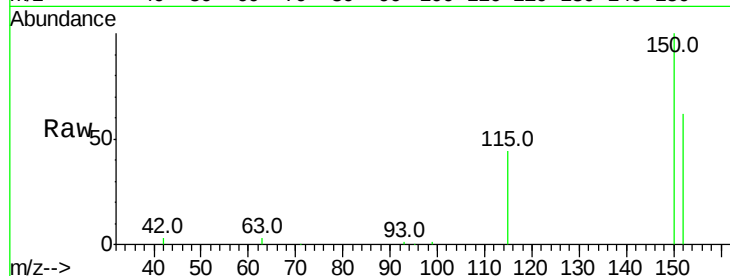
Tgt Ion:152 Resp: 29802

Ion Ratio Lower Upper

152 100

150 160.4 122.2 183.4

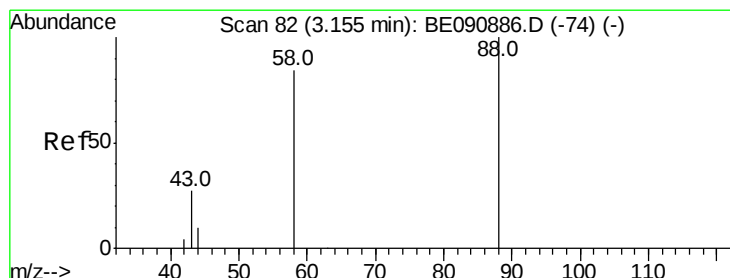
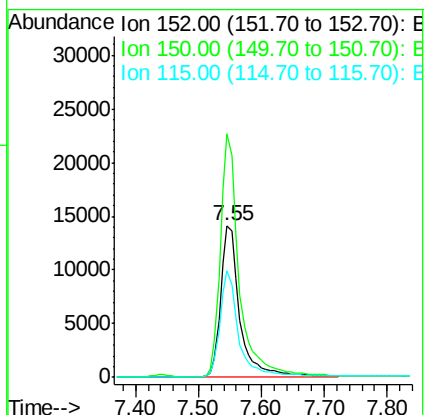
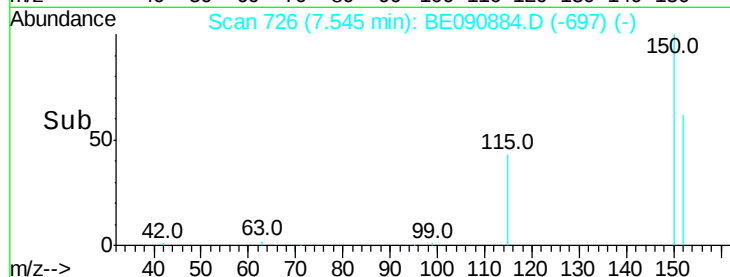
115 69.9 51.0 76.4



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: 0.48 ng

RT: 3.15 min Scan# 82

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

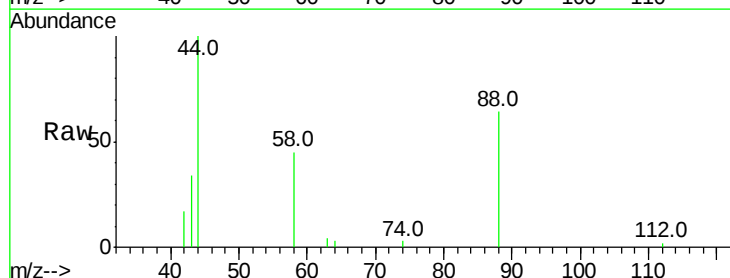
Tgt Ion: 88 Resp: 2229

Ion Ratio Lower Upper

88 100

58 82.8 68.4 102.6

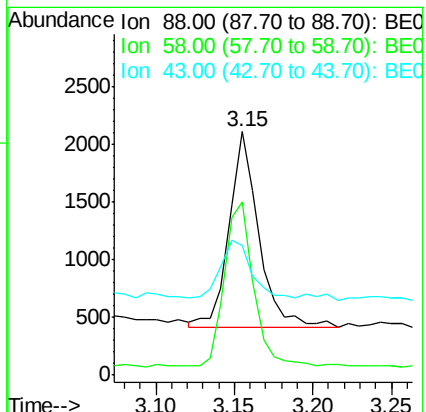
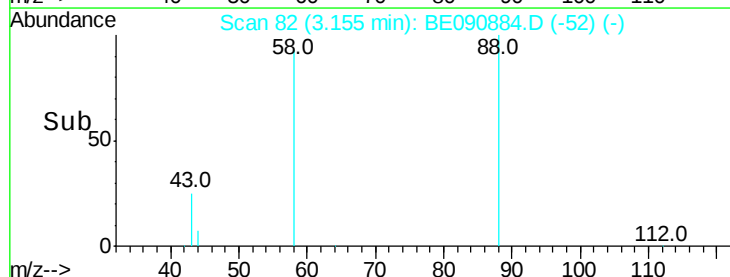
43 32.7 26.9 40.3

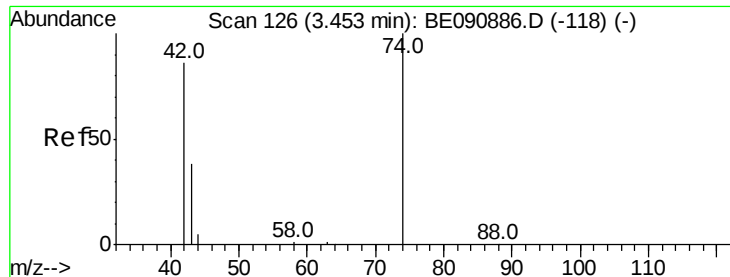


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.43 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

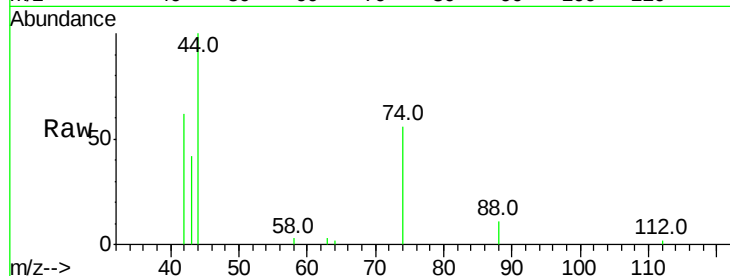
Tgt Ion: 42 Resp: 2679

Ion Ratio Lower Upper

42 100

74 120.4 83.7 125.5

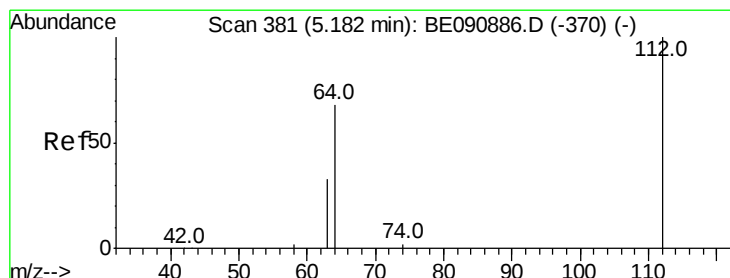
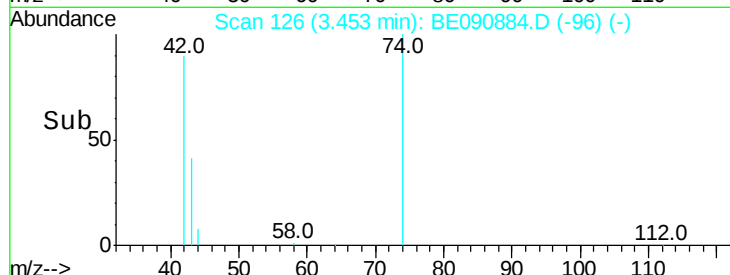
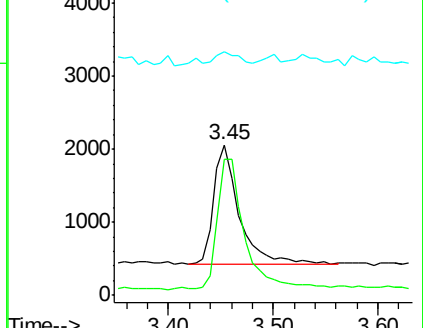
44 8.5 10.0 15.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.51 ng

RT: 5.18 min Scan# 381

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

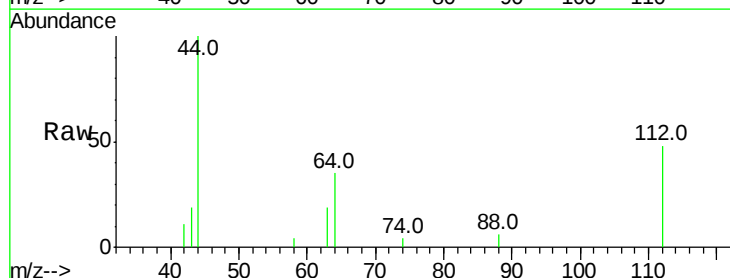
Tgt Ion: 112 Resp: 3264

Ion Ratio Lower Upper

112 100

64 69.9 57.3 85.9

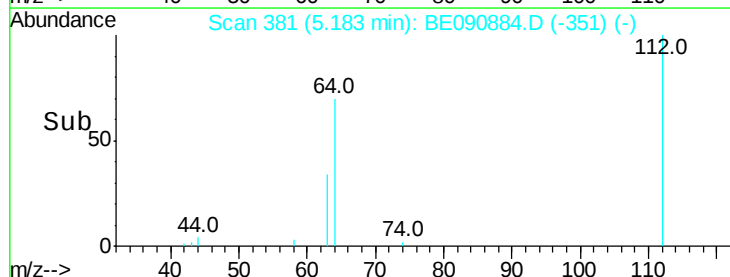
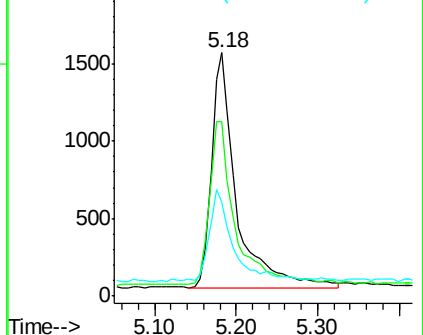
63 36.5 29.2 43.8

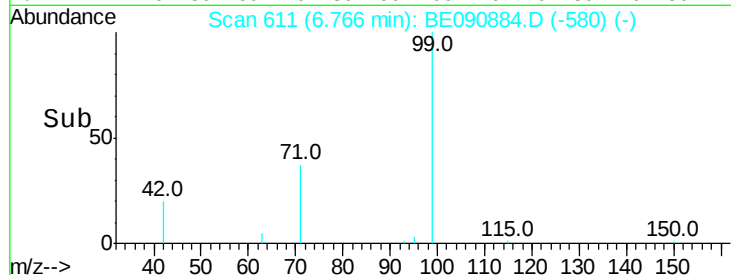
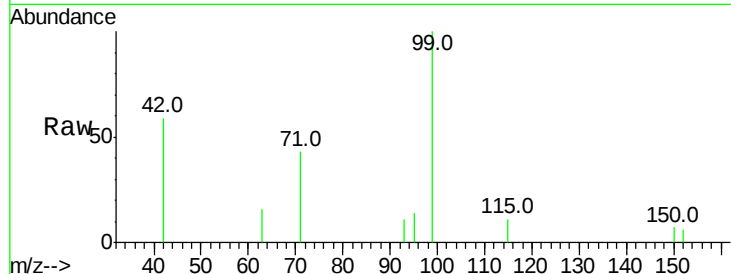
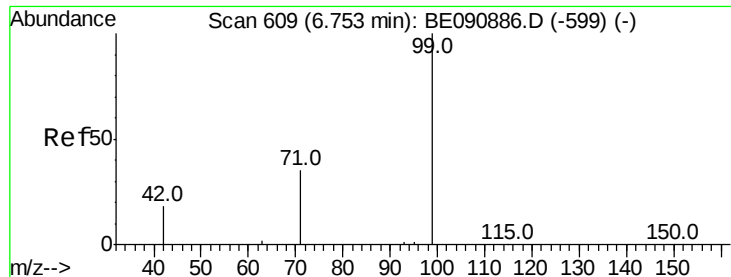


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.46 ng

RT: 6.77 min Scan# 611

Delta R.T. 0.01 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

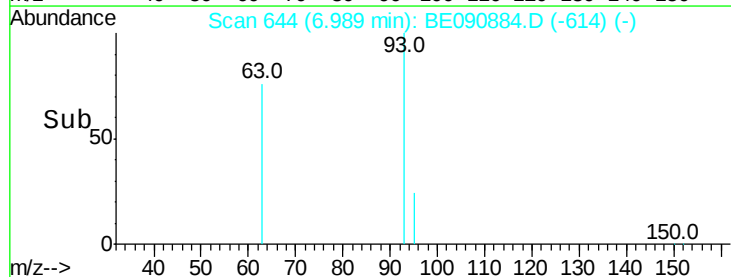
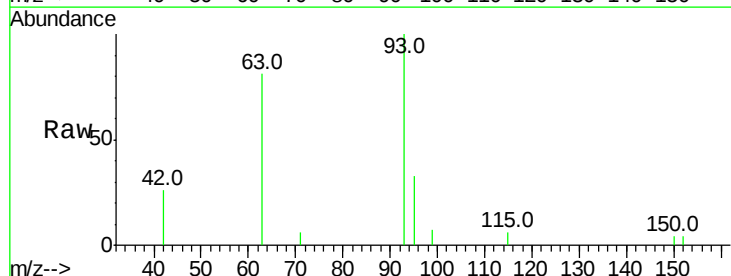
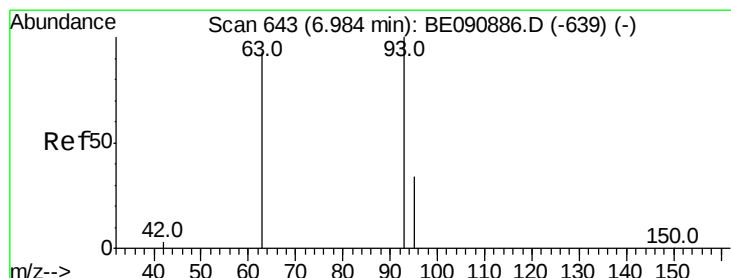
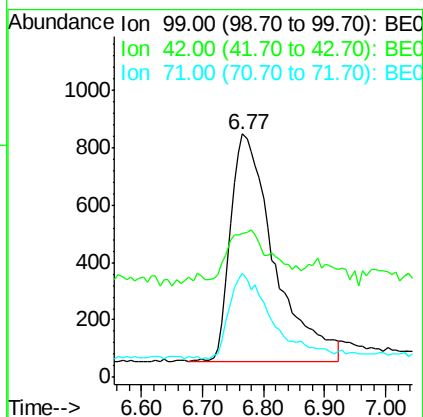
Tgt Ion: 99 Resp: 3911

Ion Ratio Lower Upper

99 100

42 21.8 16.8 25.2

71 36.4 28.3 42.5



#6

bis(2-Chloroethyl)ether

Concen: 0.42 ng

RT: 6.99 min Scan# 644

Delta R.T. 0.01 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

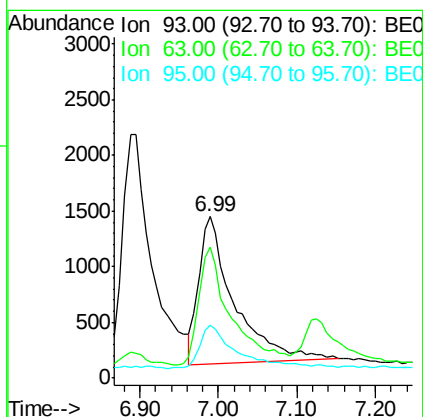
Tgt Ion: 93 Resp: 4117

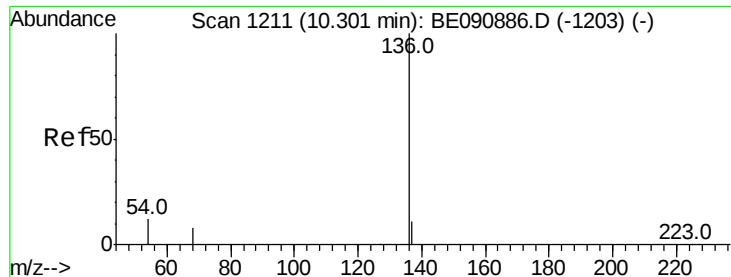
Ion Ratio Lower Upper

93 100

63 74.7 68.5 102.7

95 30.9 26.9 40.3





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

Tgt Ion:136 Resp: 130771

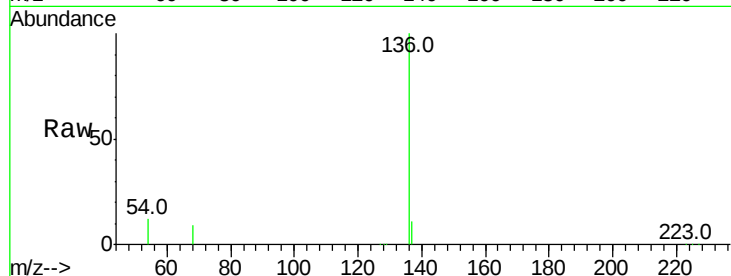
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 12.1 9.0 13.6

68 8.7 6.3 9.5

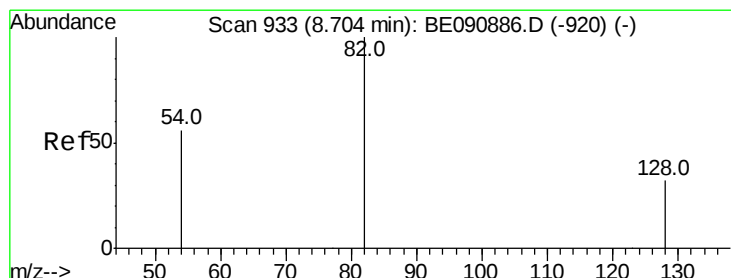
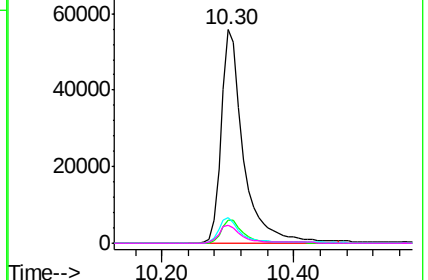
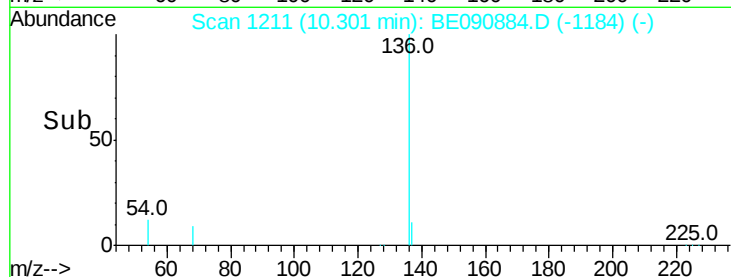


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.45 ng

RT: 8.71 min Scan# 934

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

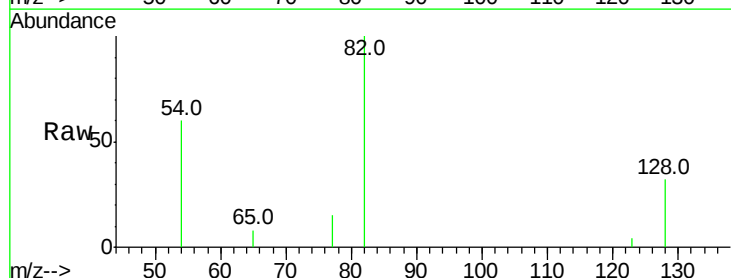
Tgt Ion: 82 Resp: 3989

Ion Ratio Lower Upper

82 100

128 32.2 25.0 37.4

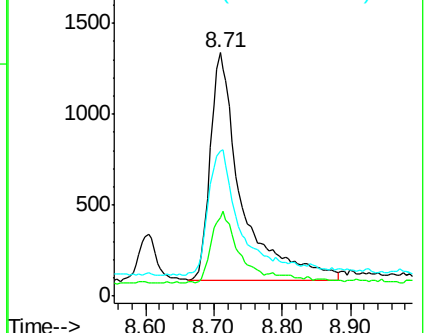
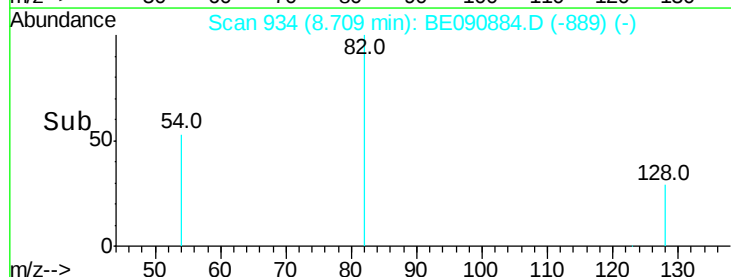
54 59.6 46.3 69.5

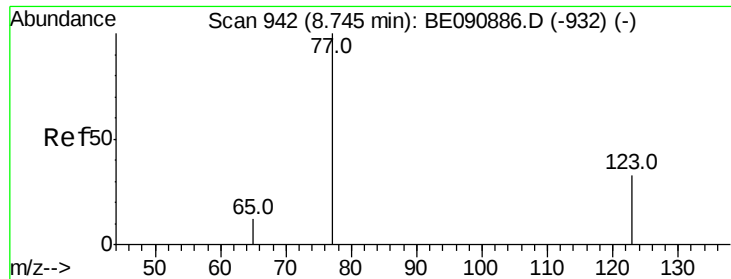


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.43 ng

RT: 8.75 min Scan# 943

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

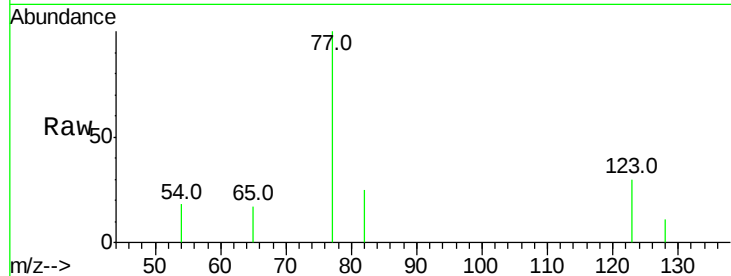
Tgt Ion: 77 Resp: 4211

Ion Ratio Lower Upper

77 100

123 29.2 25.1 37.7

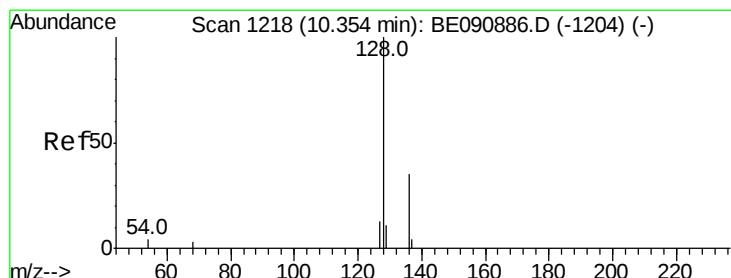
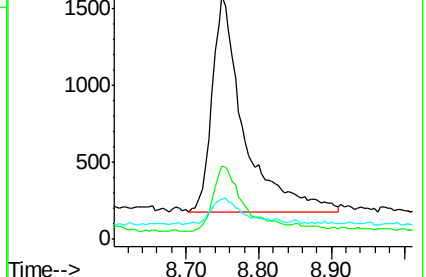
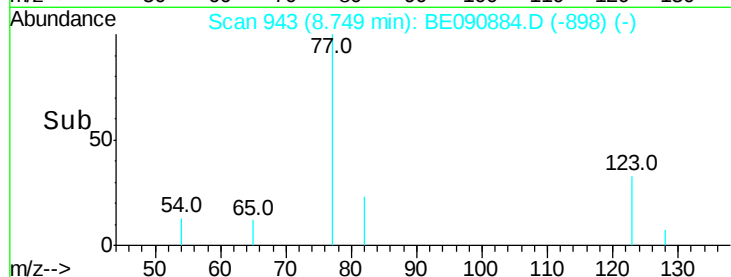
65 11.9 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BE090884.D (-932) (-)

Ion 123.00 (122.70 to 123.70): BE090884.D (-932) (-)

Ion 65.00 (64.70 to 65.70): BE090884.D (-932) (-)



#10

Naphthalene

Concen: 0.46 ng

RT: 10.35 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

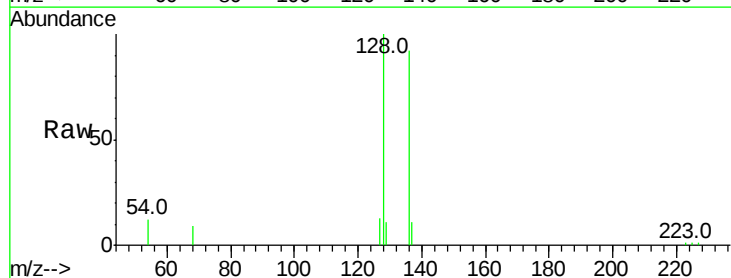
Tgt Ion: 128 Resp: 13306

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

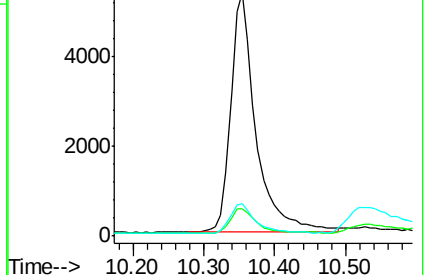
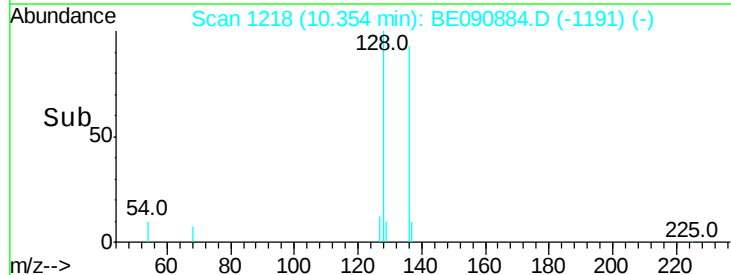
127 13.3 9.9 14.9

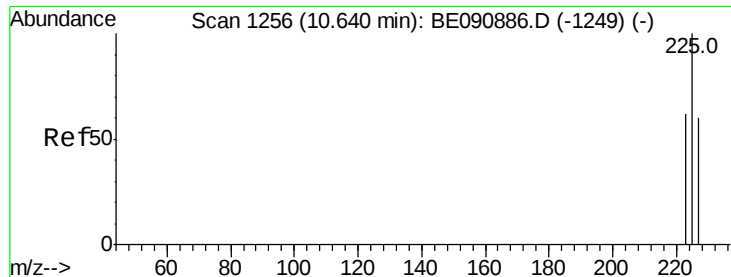


Abundance Ion 128.00 (127.70 to 128.70): BE090884.D (-1204) (-)

Ion 129.00 (128.70 to 129.70): BE090884.D (-1204) (-)

Ion 127.00 (126.70 to 127.70): BE090884.D (-1204) (-)

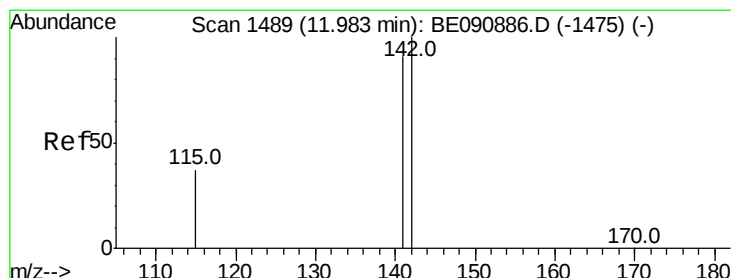
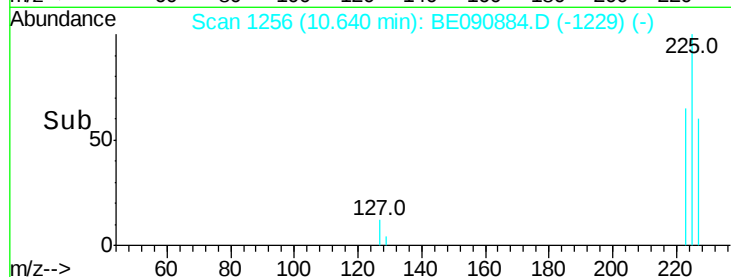
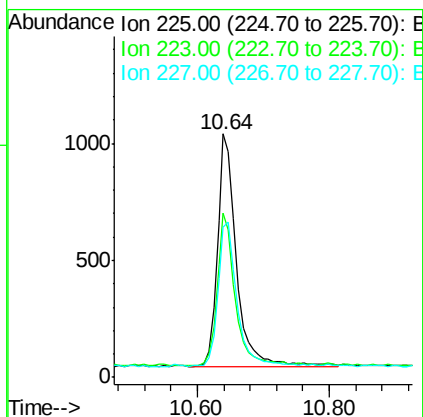
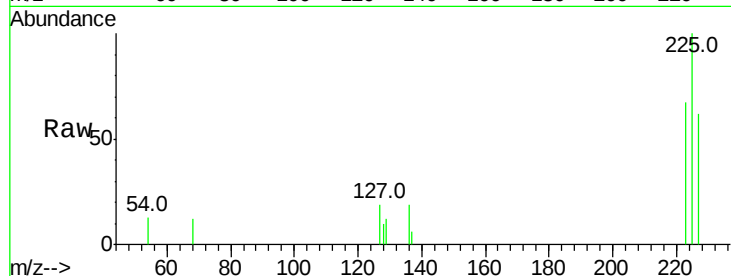




#11  
Hexachlorobutadiene  
Concen: 0.45 ng  
RT: 10.64 min Scan# 1256  
Delta R.T. 0.00 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

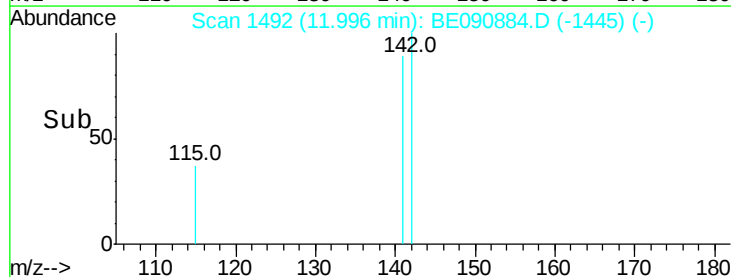
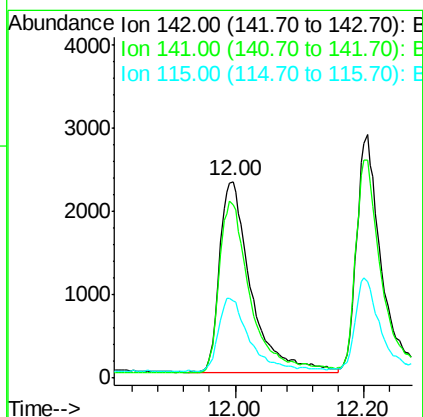
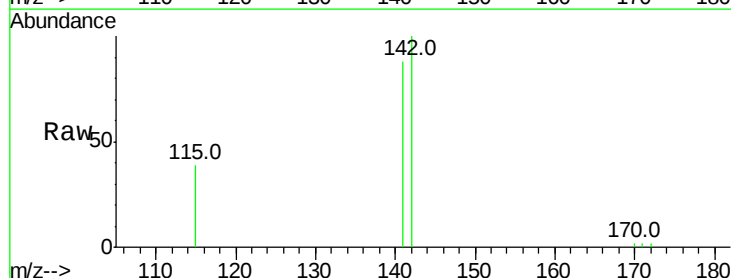
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

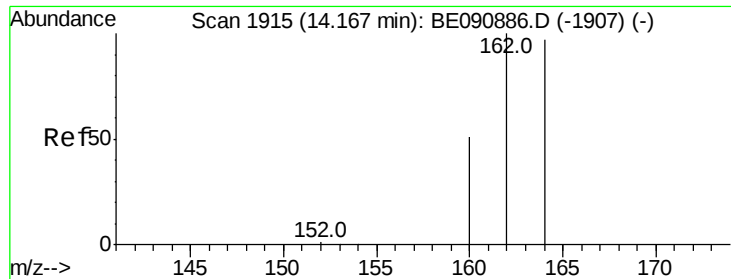
Tgt Ion: 225 Resp: 2004  
Ion Ratio Lower Upper  
225 100  
223 61.8 50.6 76.0  
227 62.0 51.0 76.6



#12  
2-Methylnaphthalene  
Concen: 0.49 ng  
RT: 12.00 min Scan# 1492  
Delta R.T. 0.01 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

Tgt Ion: 142 Resp: 7744  
Ion Ratio Lower Upper  
142 100  
141 88.0 71.4 107.2  
115 39.2 31.0 46.4





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

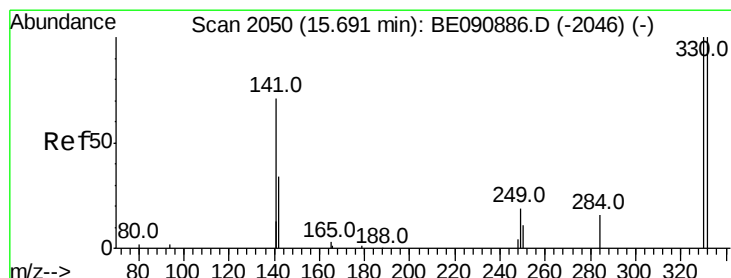
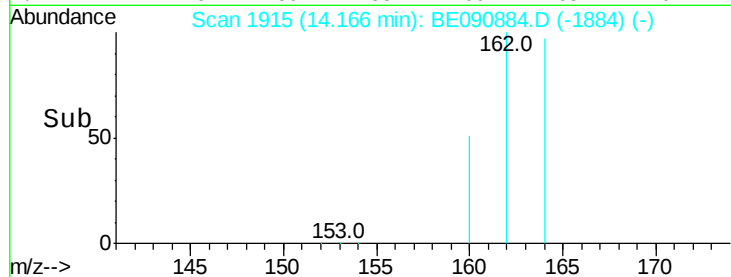
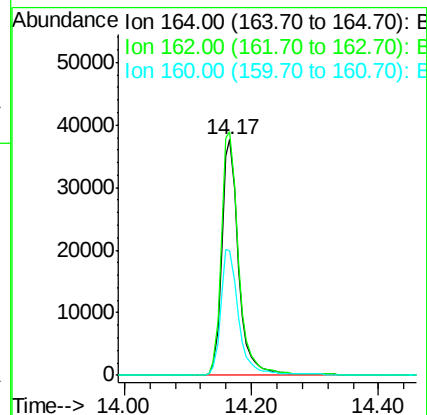
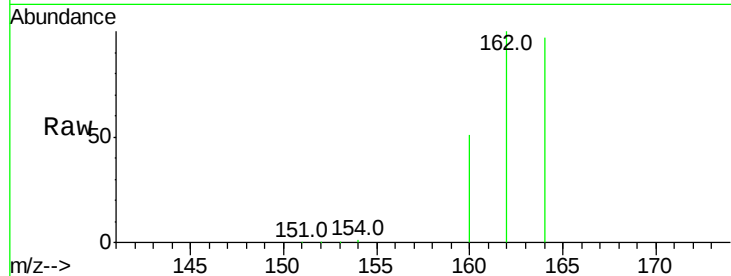
Tgt Ion:164 Resp: 68425

Ion Ratio Lower Upper

164 100

162 103.3 86.8 130.2

160 53.1 53.9 80.9#



#14

2,4,6-Tribromophenol

Concen: 0.53 ng

RT: 15.69 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

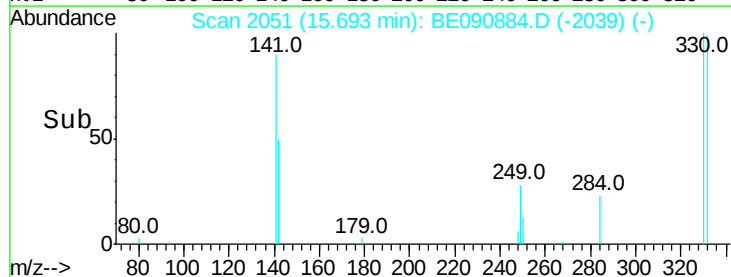
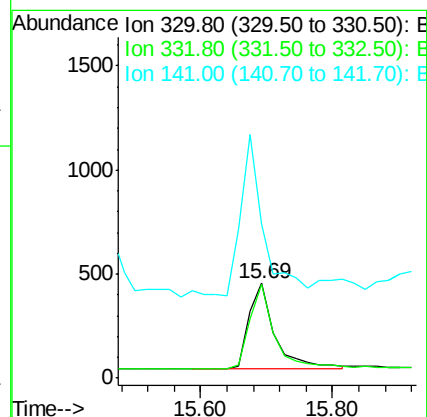
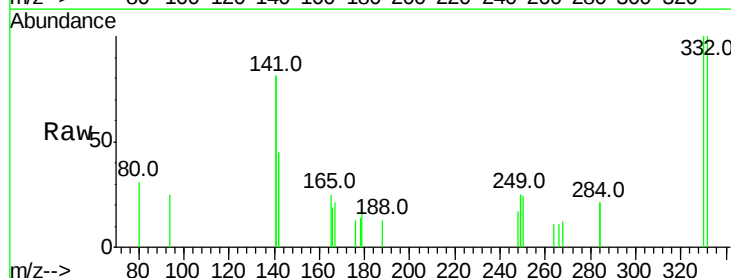
Tgt Ion:330 Resp: 1111

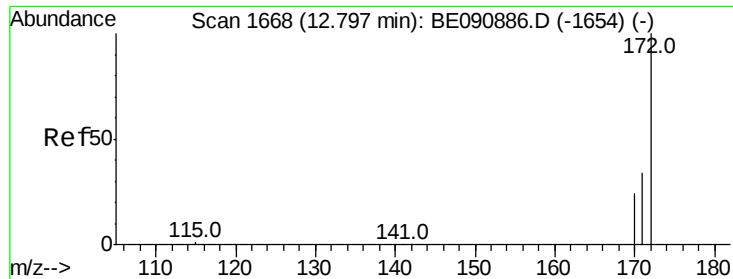
Ion Ratio Lower Upper

330 100

332 95.7 74.9 112.3

141 160.5 145.2 217.8

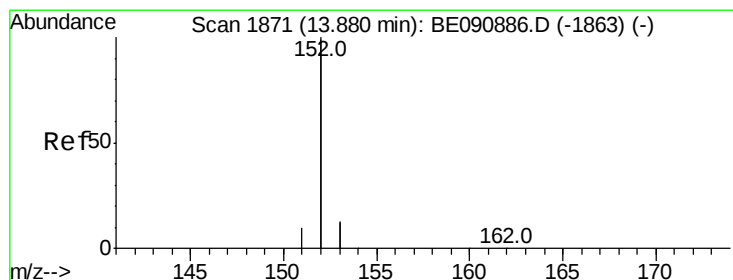
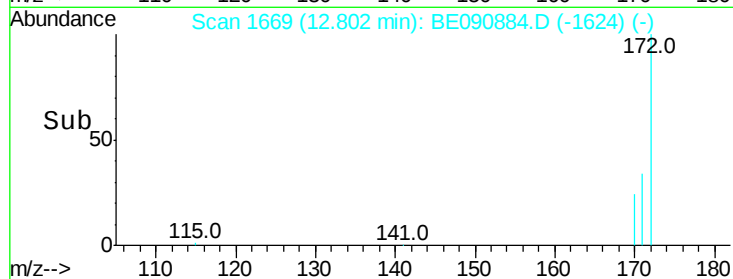
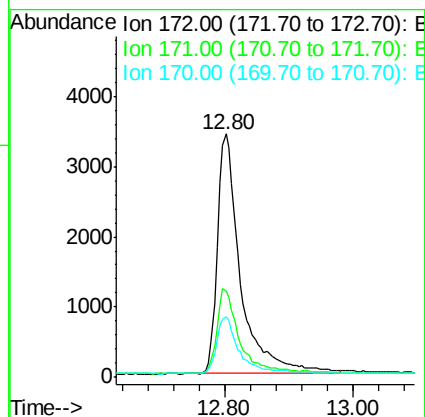
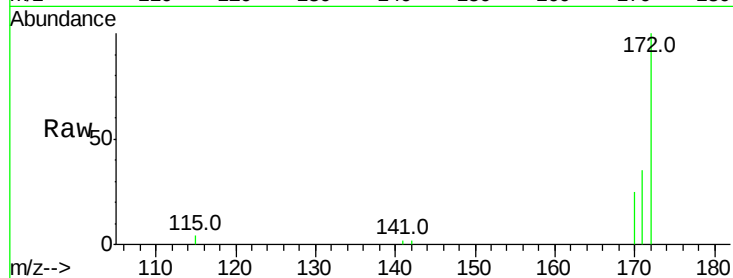




#15  
2-Fluorobiphenyl  
Concen: 0.45 ng  
RT: 12.80 min Scan# 1669  
Delta R.T. 0.00 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

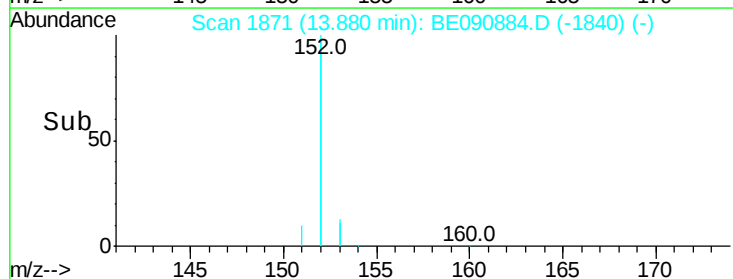
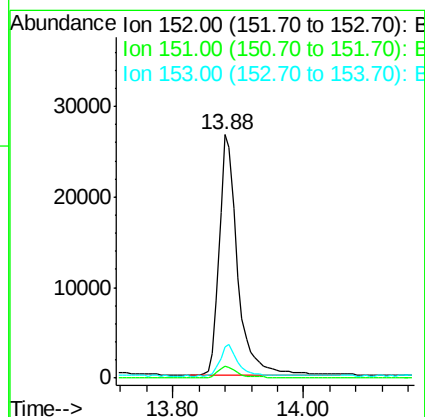
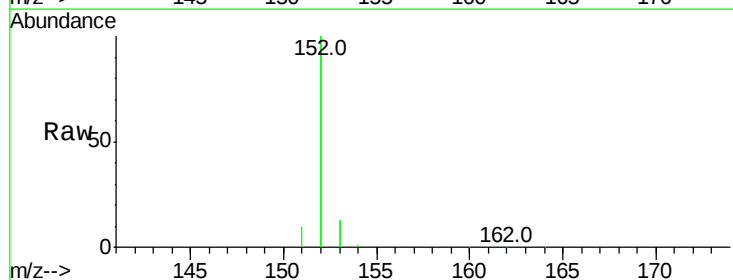
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

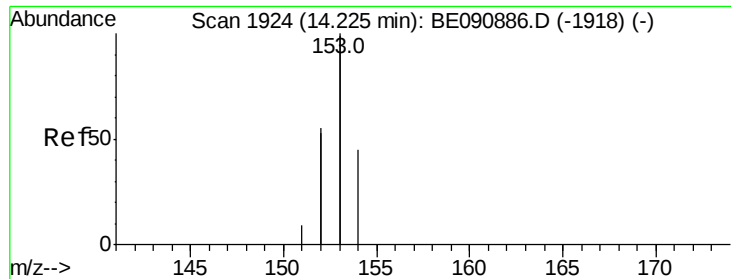
Tgt Ion:172 Resp: 8624  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.8 41.8  
170 25.1 19.8 29.6



#16  
Acenaphthylene  
Concen: 0.47 ng  
RT: 13.88 min Scan# 1871  
Delta R.T. -0.00 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

Tgt Ion:152 Resp: 52186  
Ion Ratio Lower Upper  
152 100  
151 4.8 3.9 5.9  
153 12.4 10.3 15.5





#17

Acenaphthene

Concen: 0.44 ng

RT: 14.22 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

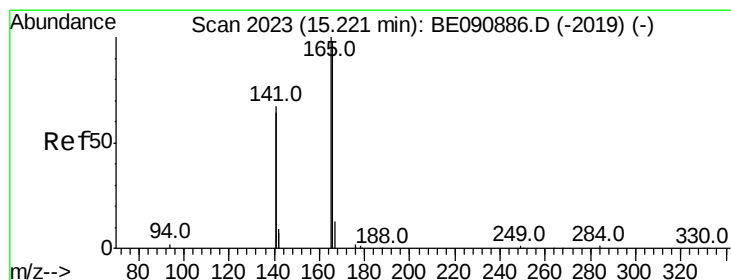
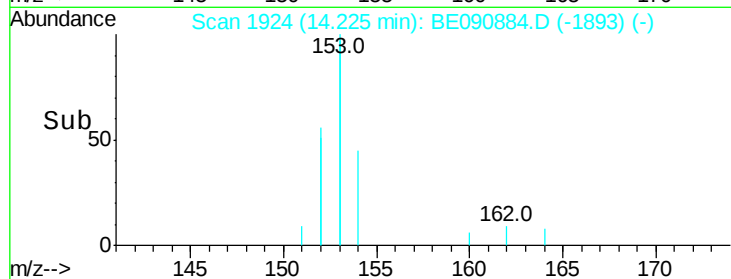
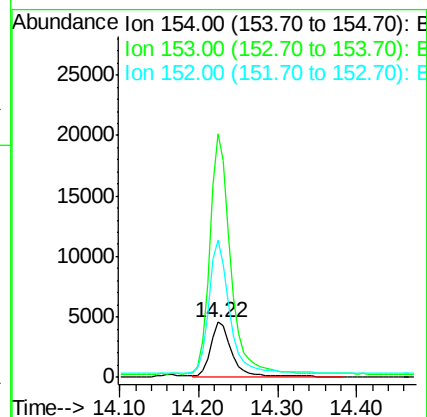
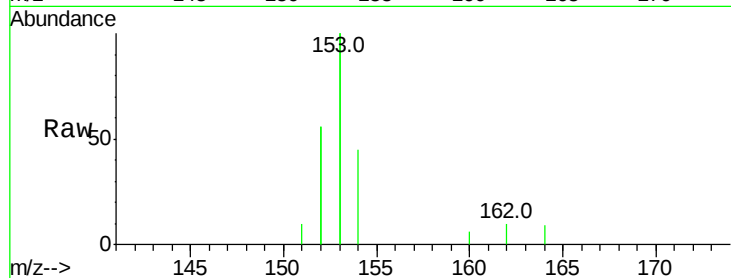
Tgt Ion:154 Resp: 8161

Ion Ratio Lower Upper

154 100

153 445.5 354.5 531.7

152 245.1 227.8 341.6



#18

Fluorene

Concen: 0.44 ng

RT: 15.22 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

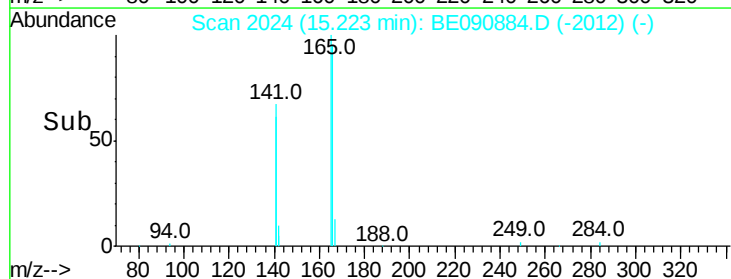
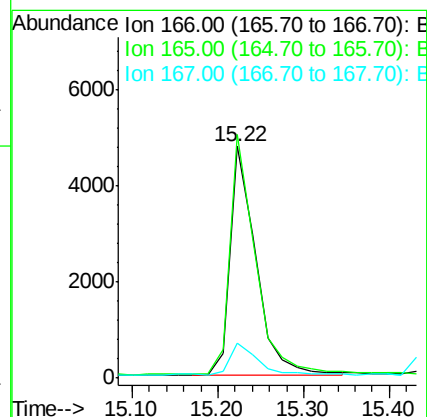
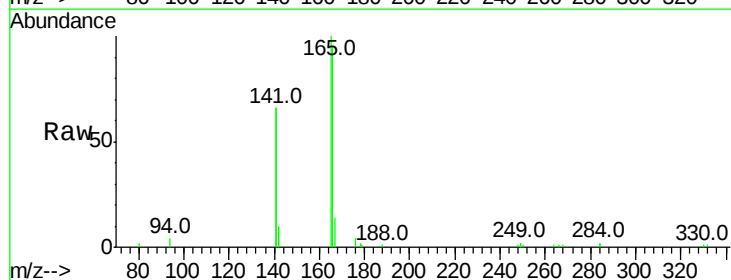
Tgt Ion:166 Resp: 10032

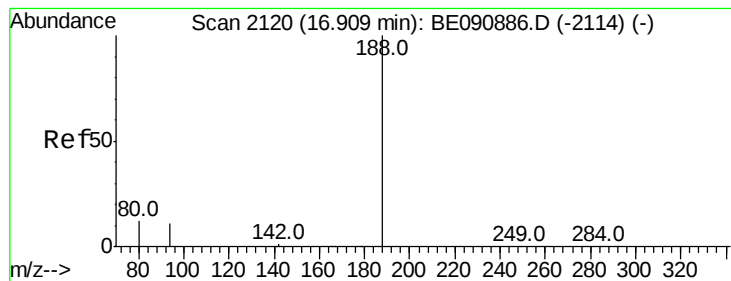
Ion Ratio Lower Upper

166 100

165 103.9 82.7 124.1

167 14.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

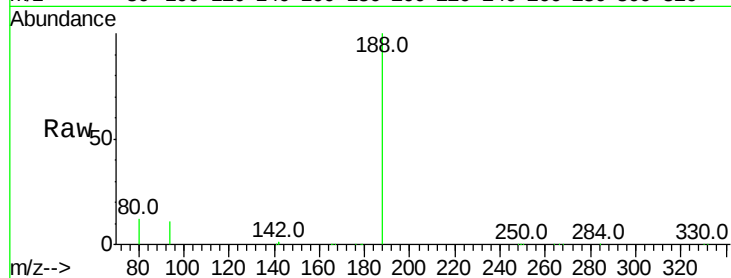
Tgt Ion:188 Resp: 165274

Ion Ratio Lower Upper

188 100

94 10.9 10.3 15.5

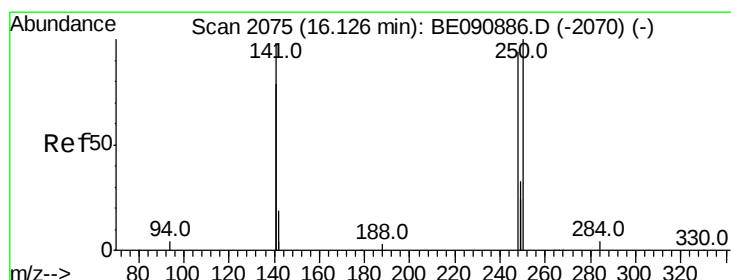
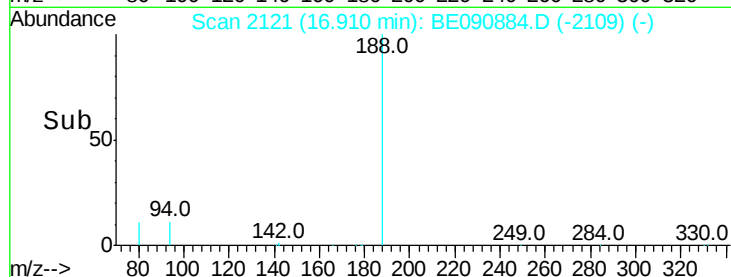
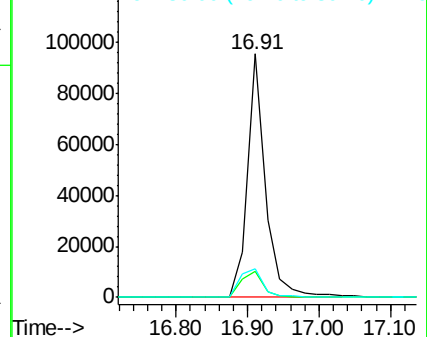
80 11.6 11.0 16.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.47 ng

RT: 16.13 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

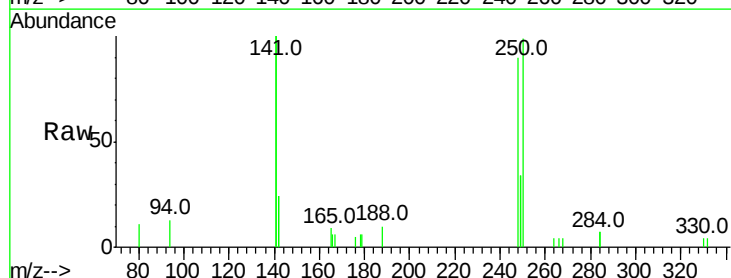
Tgt Ion:248 Resp: 2760

Ion Ratio Lower Upper

248 100

250 96.9 76.7 115.1

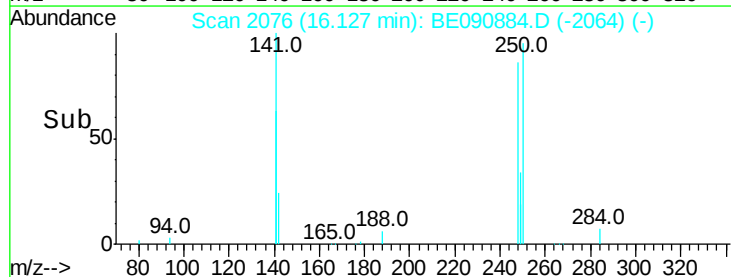
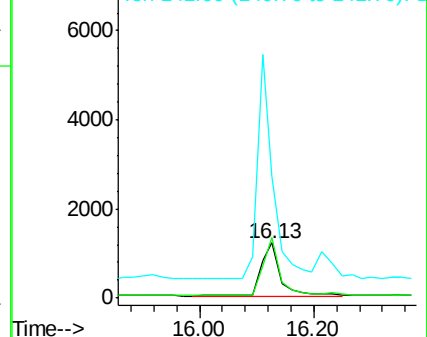
141 345.9 292.6 439.0

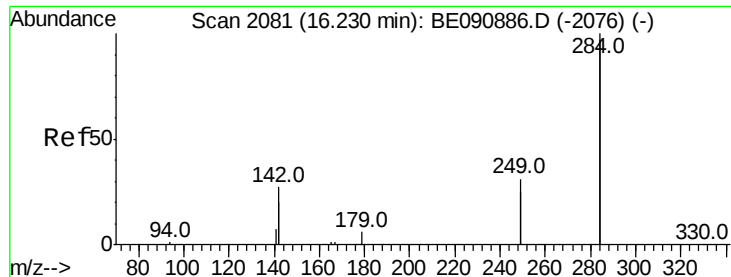


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

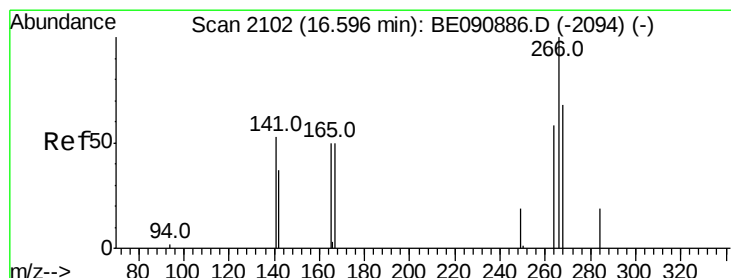
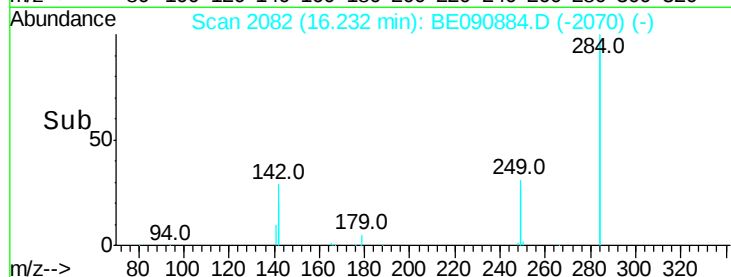
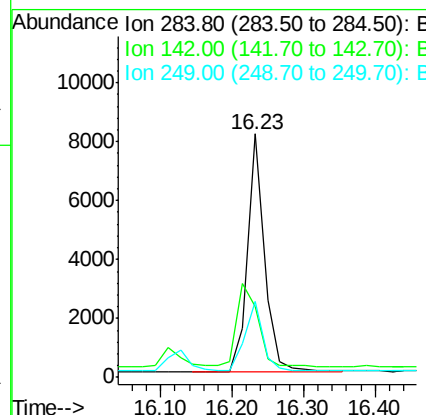
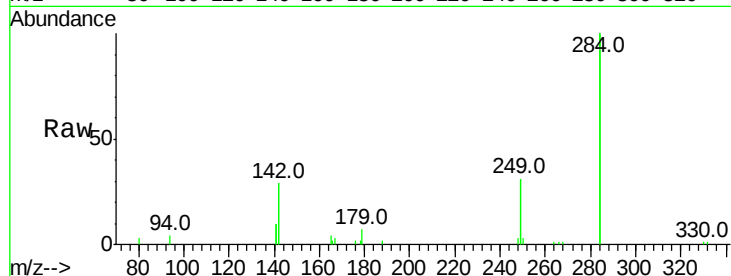




#21  
Hexachlorobenzene  
Concen: 0.43 ng  
RT: 16.23 min Scan# 2082  
Delta R.T. 0.00 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

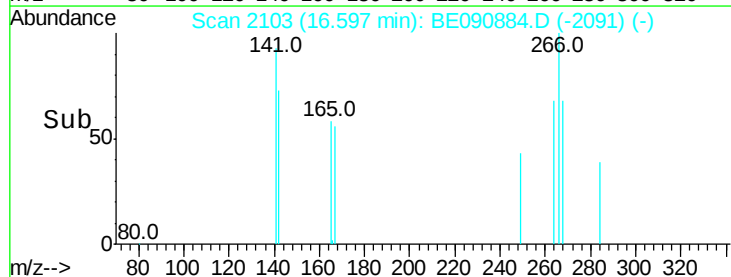
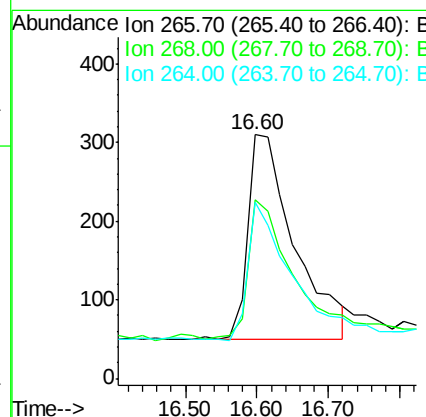
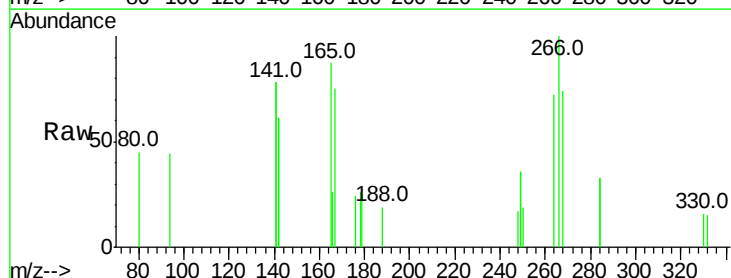
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

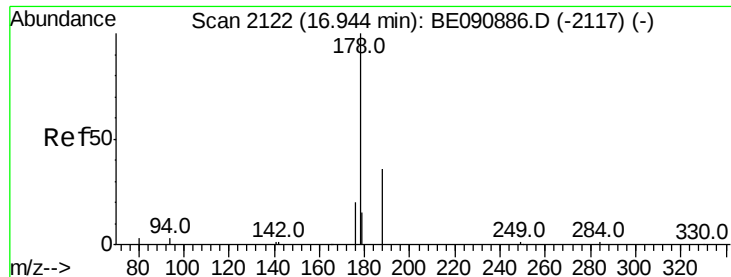
Tgt Ion:284 Resp: 13285  
Ion Ratio Lower Upper  
284 100  
142 43.7 35.0 52.4  
249 30.8 25.5 38.3



#22  
Pentachlorophenol  
Concen: 0.51 ng  
RT: 16.60 min Scan# 2103  
Delta R.T. 0.00 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

Tgt Ion:266 Resp: 1187  
Ion Ratio Lower Upper  
266 100  
268 73.5 49.6 74.4  
264 72.3 53.9 80.9





#23

Phenanthrene

Concen: 0.44 ng

RT: 16.95 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

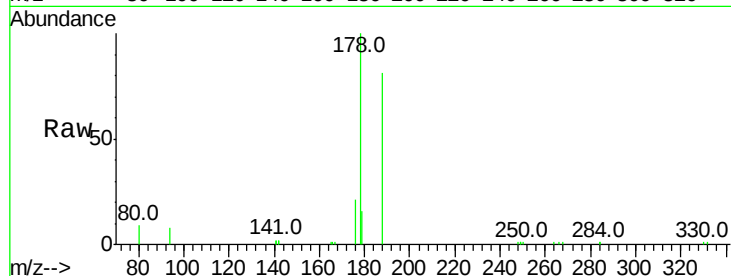
Tgt Ion:178 Resp: 18640

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

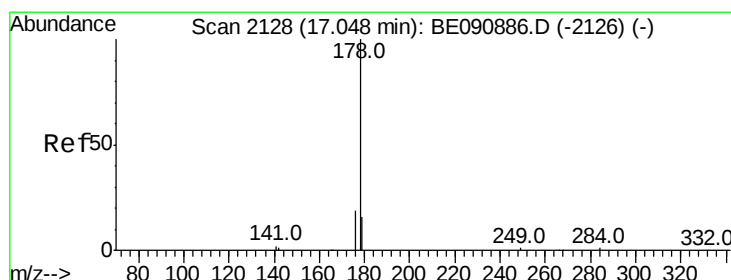
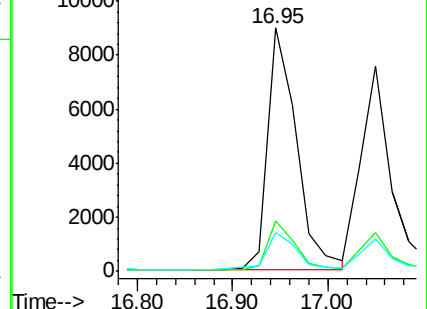
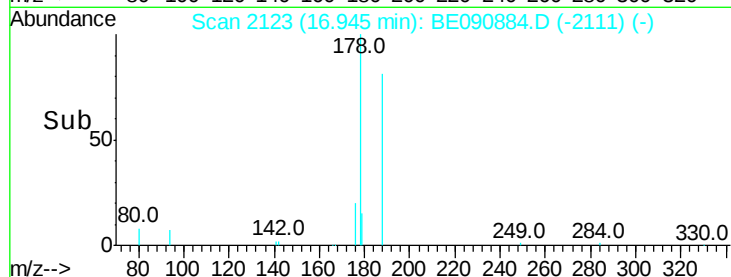
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.47 ng

RT: 17.05 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

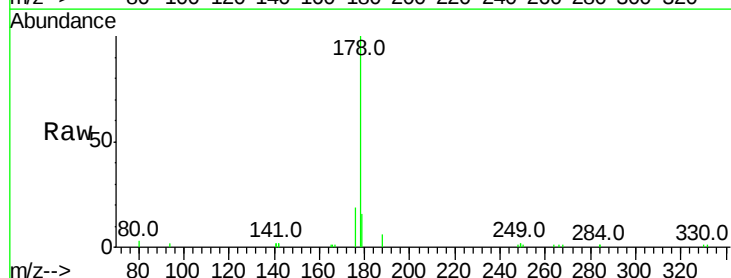
Tgt Ion:178 Resp: 16337

Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.6

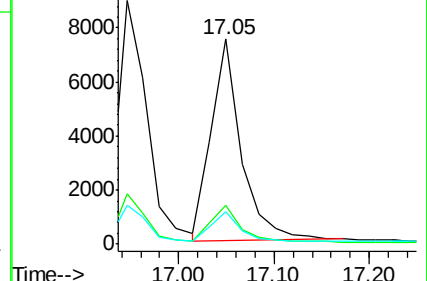
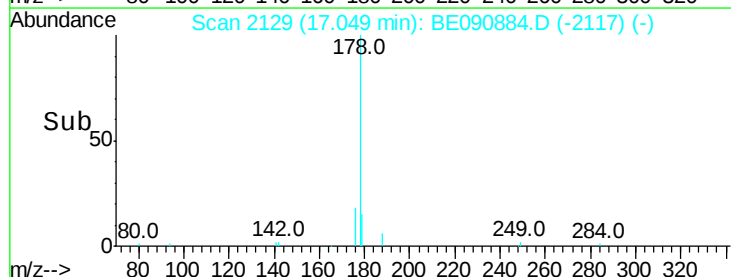
179 14.6 12.3 18.5

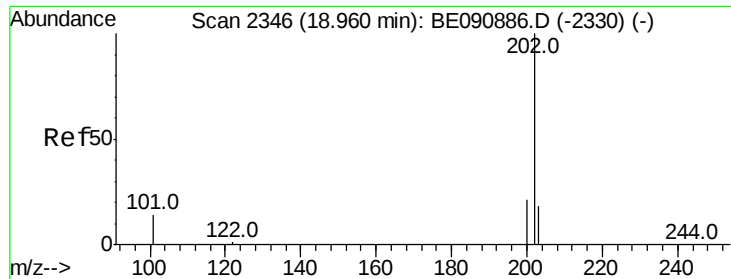


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.49 ng

RT: 18.96 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

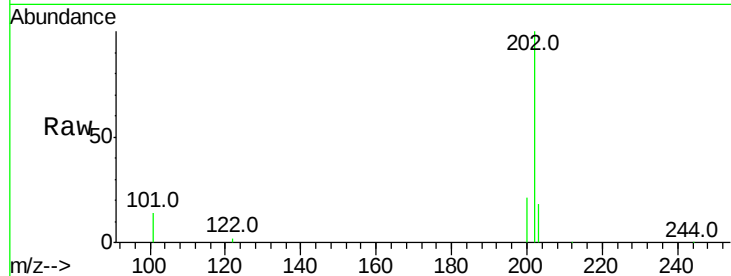
Tgt Ion:202 Resp: 21764

Ion Ratio Lower Upper

202 100

101 14.0 11.0 16.6

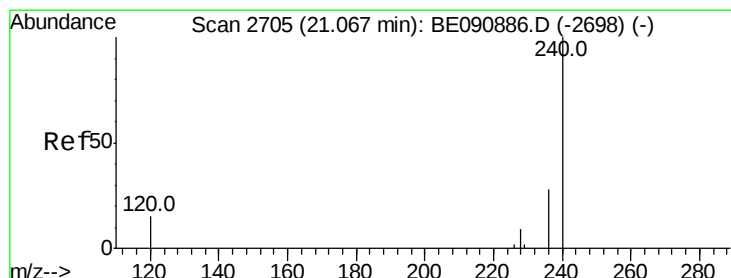
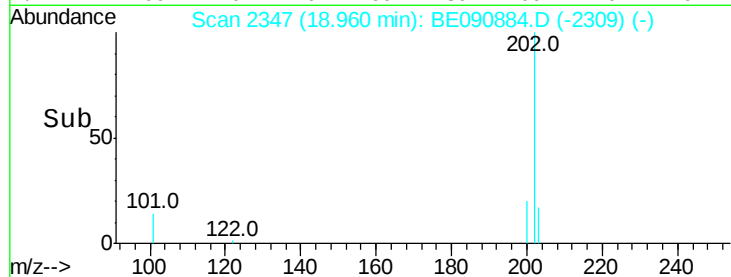
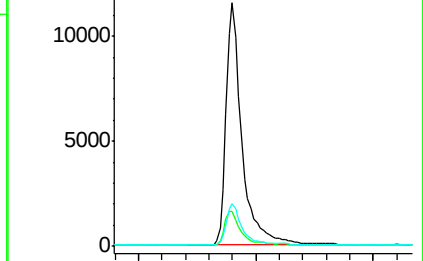
203 17.2 13.9 20.9



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: 21.07 min Scan# 2706

Delta R.T. -0.00 min

Lab File: BE090884.D

Acq: 18 Sep 2015 14:05

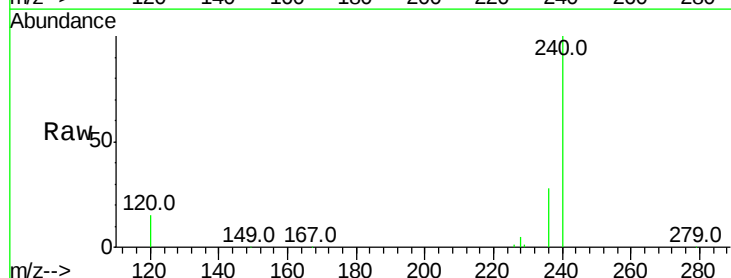
Tgt Ion:240 Resp: 228190

Ion Ratio Lower Upper

240 100

120 15.4 10.1 15.1#

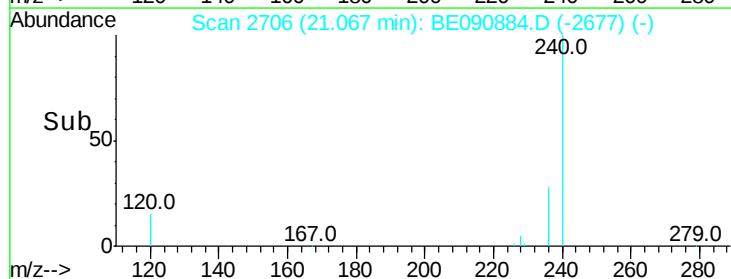
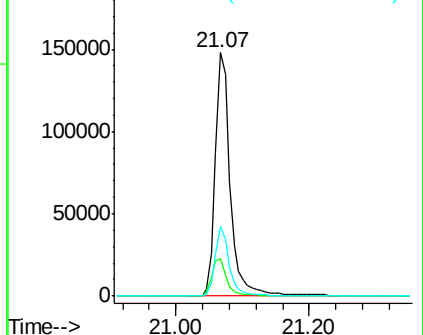
236 28.3 21.9 32.9

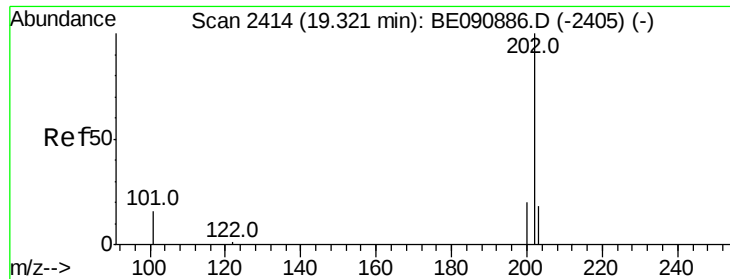


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

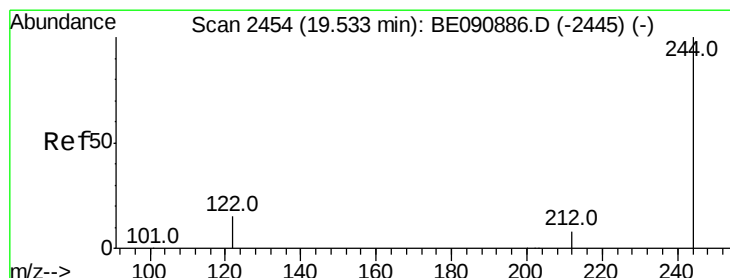
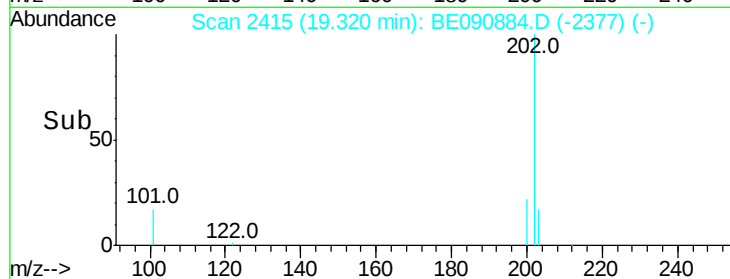
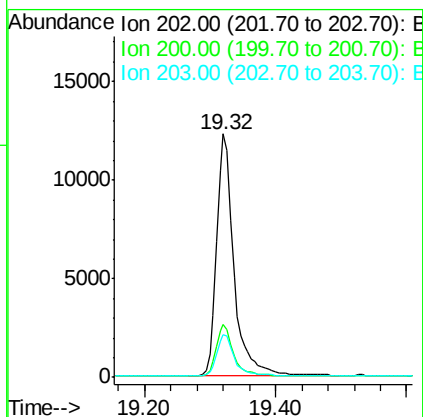
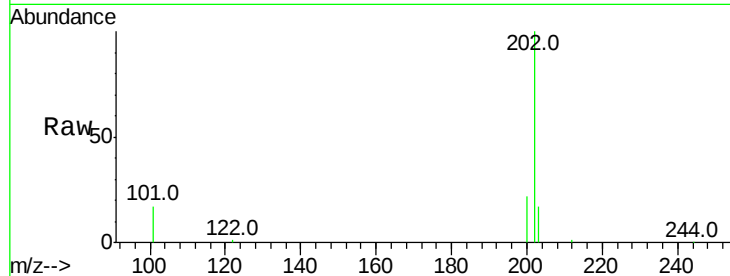




#27  
 Pyrene  
 Concen: 0.47 ng  
 RT: 19.32 min Scan# 2415  
 Delta R.T. -0.00 min  
 Lab File: BE090884.D  
 Acq: 18 Sep 2015 14:05

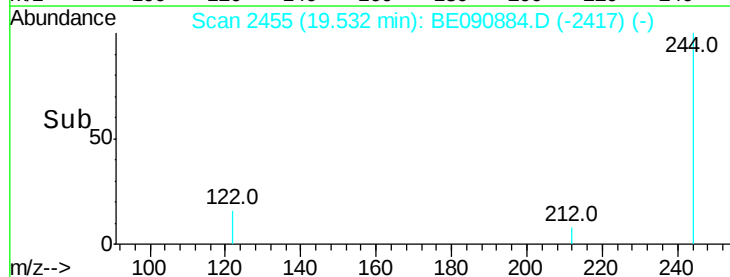
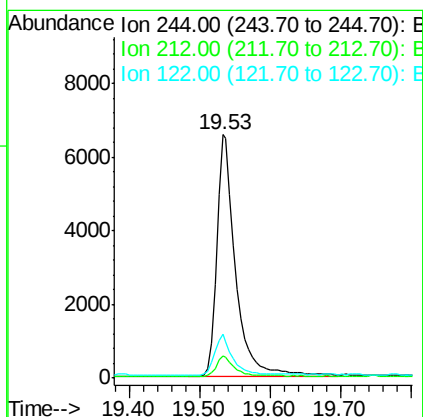
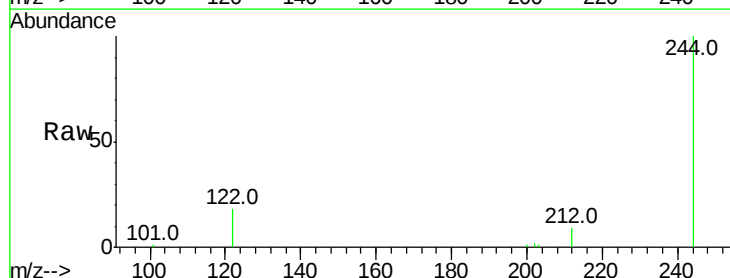
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

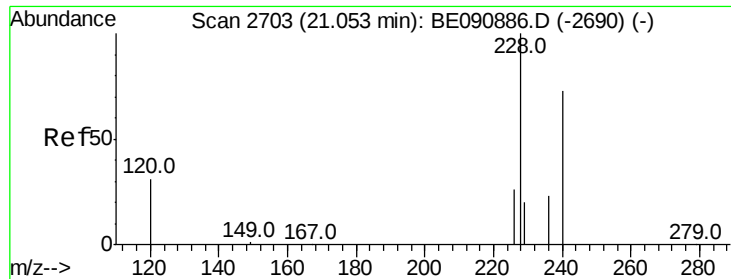
Tgt Ion:202 Resp: 22623  
 Ion Ratio Lower Upper  
 202 100  
 200 21.2 16.7 25.1  
 203 17.1 13.8 20.6



#28  
 Terphenyl-d14  
 Concen: 0.47 ng  
 RT: 19.53 min Scan# 2455  
 Delta R.T. -0.00 min  
 Lab File: BE090884.D  
 Acq: 18 Sep 2015 14:05

Tgt Ion:244 Resp: 12414  
 Ion Ratio Lower Upper  
 244 100  
 212 9.0 6.9 10.3  
 122 17.8 12.9 19.3

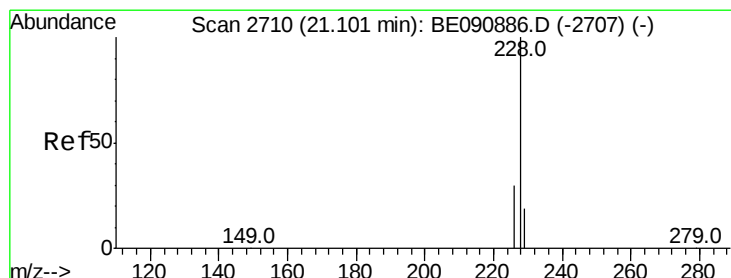
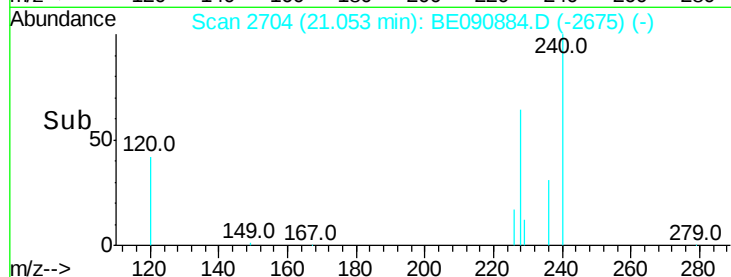
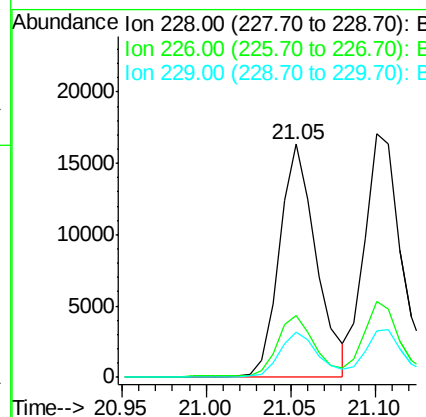
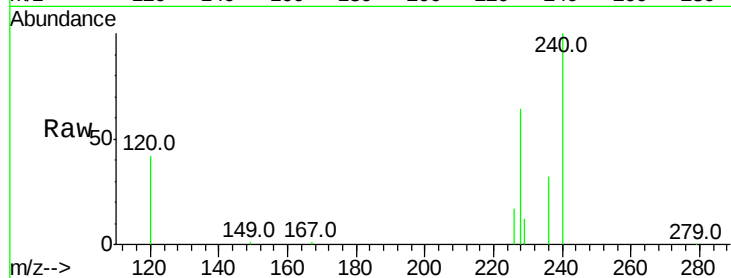




#29  
Benzo(a)anthracene  
Concen: 0.46 ng  
RT: 21.05 min Scan# 2704  
Delta R.T. -0.00 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

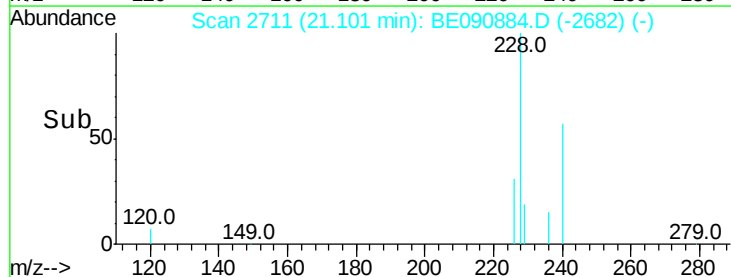
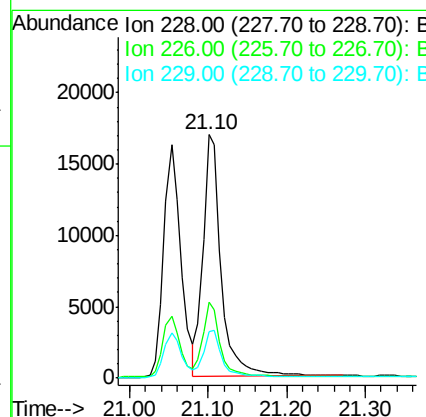
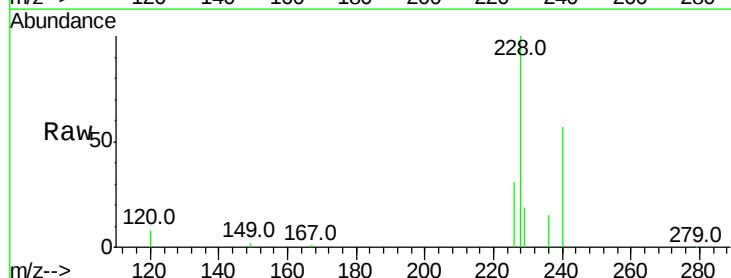
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

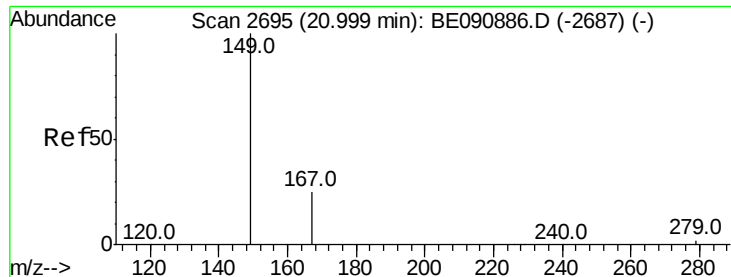
Tgt Ion:228 Resp: 24428  
Ion Ratio Lower Upper  
228 100  
226 26.3 21.6 32.4  
229 19.5 15.9 23.9



#30  
Chrysene  
Concen: 0.46 ng  
RT: 21.10 min Scan# 2711  
Delta R.T. -0.00 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

Tgt Ion:228 Resp: 27504  
Ion Ratio Lower Upper  
228 100  
226 31.2 24.2 36.4  
229 19.2 15.3 22.9

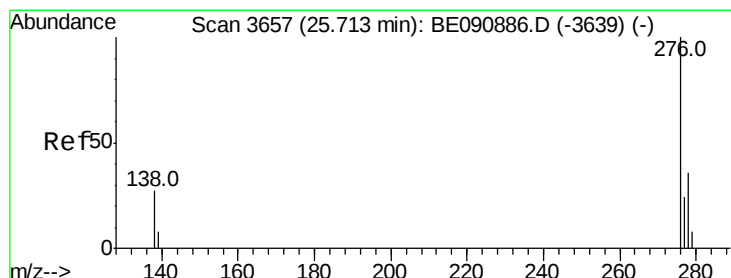
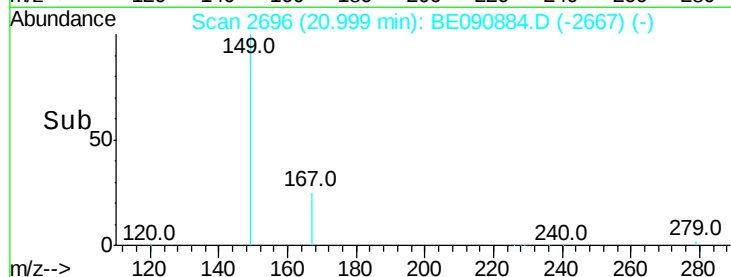
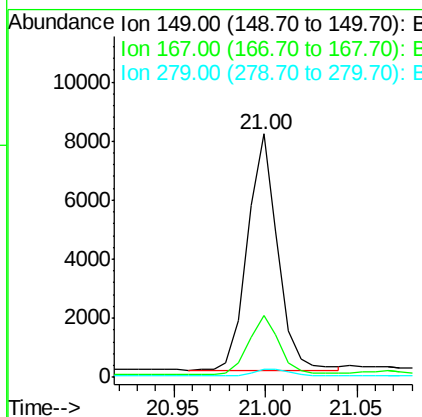
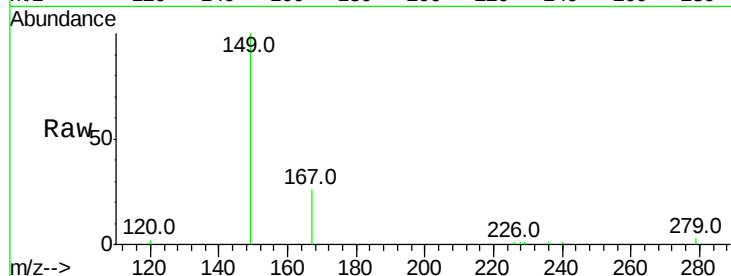




#31  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.53 ng  
 RT: 21.00 min Scan# 2696  
 Delta R.T. -0.00 min  
 Lab File: BE090884.D  
 Acq: 18 Sep 2015 14:05

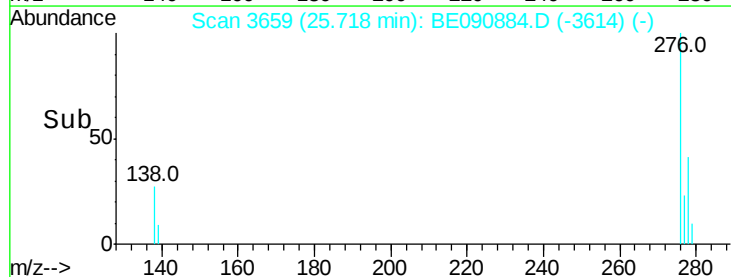
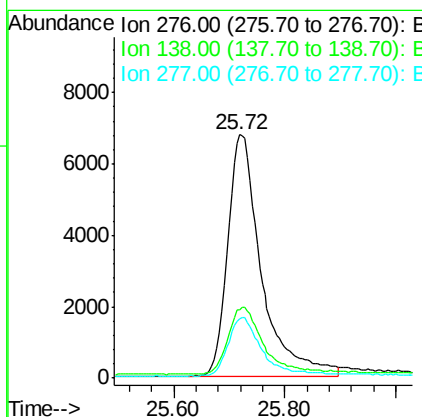
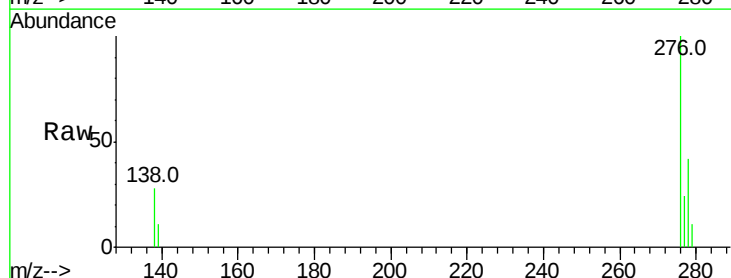
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDIC0.5

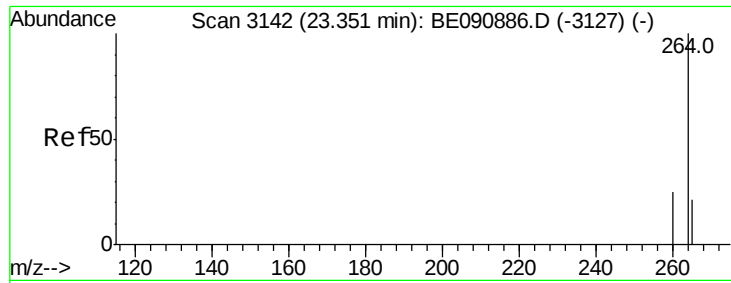
Tgt Ion:149 Resp: 9073  
 Ion Ratio Lower Upper  
 149 100  
 167 25.0 20.1 30.1  
 279 3.1 2.3 3.5



#32  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.51 ng  
 RT: 25.72 min Scan# 3659  
 Delta R.T. 0.00 min  
 Lab File: BE090884.D  
 Acq: 18 Sep 2015 14:05

Tgt Ion:276 Resp: 28506  
 Ion Ratio Lower Upper  
 276 100  
 138 28.6 23.3 34.9  
 277 24.6 19.8 29.6

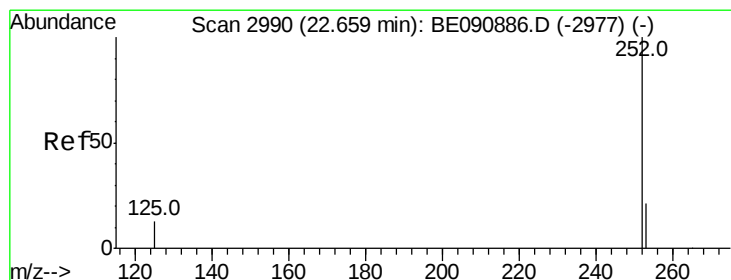
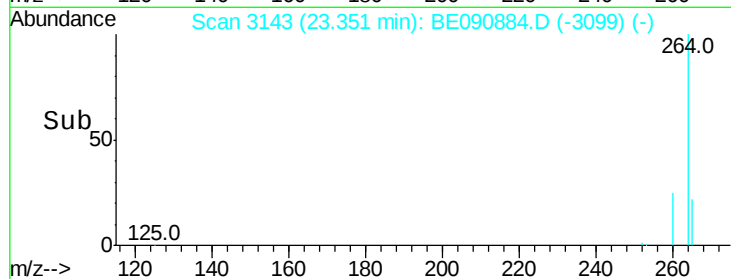
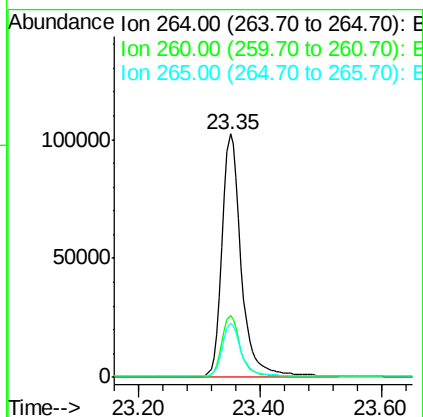
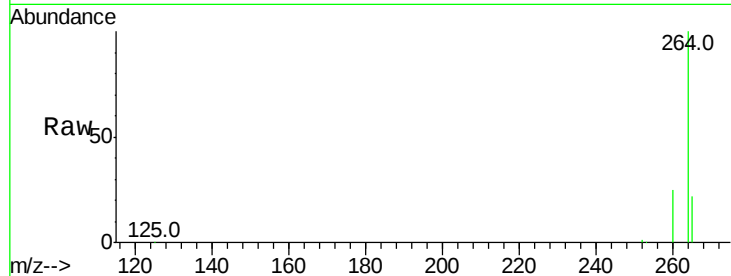




#33  
**Perylene-d12**  
 Concen: 5.00 ng  
 RT: 23.35 min Scan# 3143  
 Delta R.T. -0.00 min  
 Lab File: BE090884.D  
 Acq: 18 Sep 2015 14:05

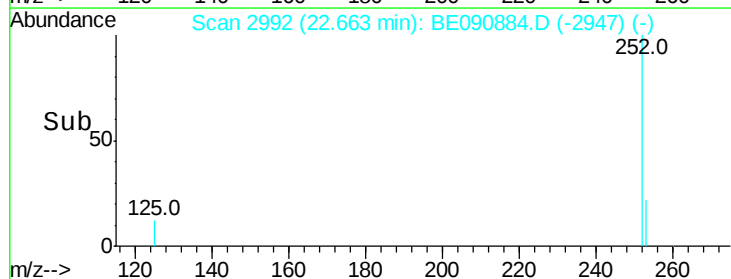
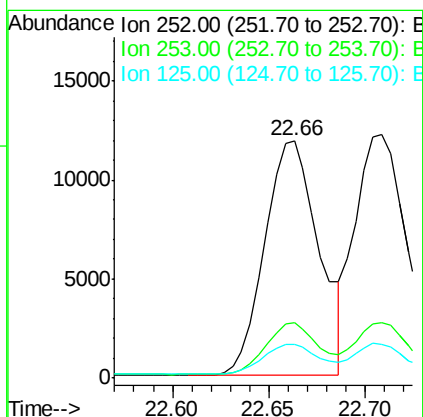
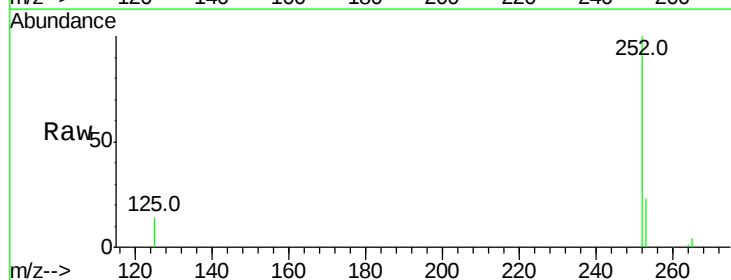
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

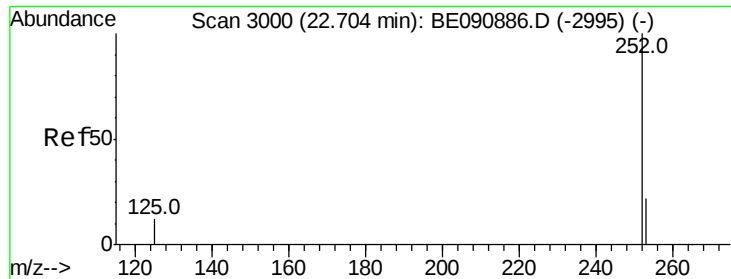
Tgt Ion:264 Resp: 228558  
 Ion Ratio Lower Upper  
 264 100  
 260 25.2 19.7 29.5  
 265 22.0 17.5 26.3



#34  
**Benzo(b)fluoranthene**  
 Concen: 0.46 ng  
 RT: 22.66 min Scan# 2992  
 Delta R.T. 0.00 min  
 Lab File: BE090884.D  
 Acq: 18 Sep 2015 14:05

Tgt Ion:252 Resp: 23181  
 Ion Ratio Lower Upper  
 252 100  
 253 23.1 17.9 26.9  
 125 14.0 10.6 16.0

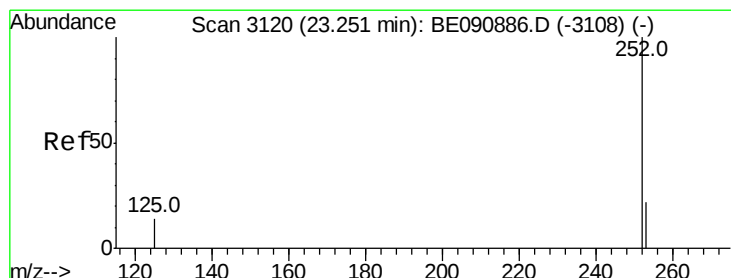
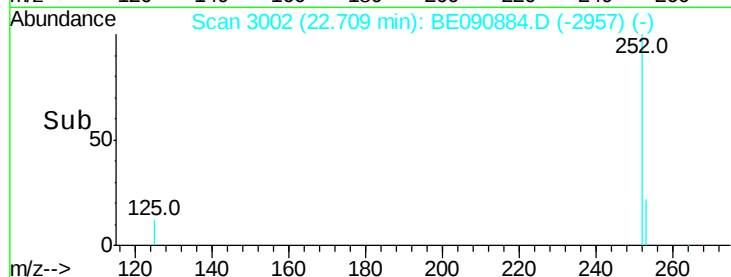
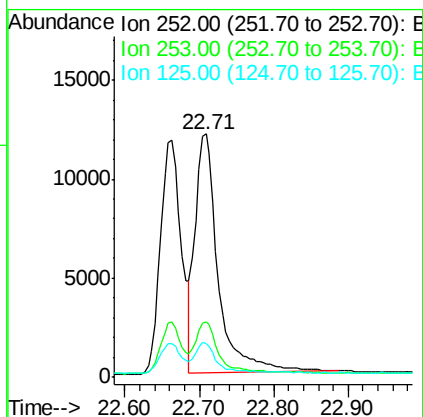
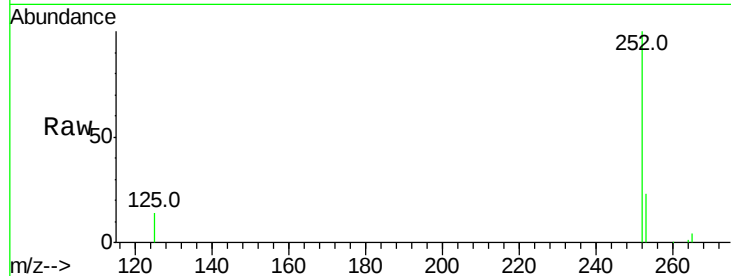




#35  
Benzo(k)fluoranthene  
Concen: 0.44 ng  
RT: 22.71 min Scan# 3002  
Delta R.T. 0.00 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

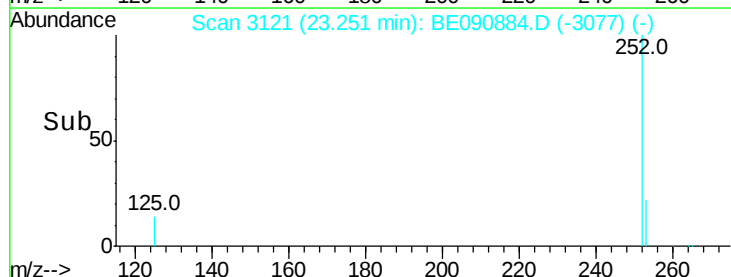
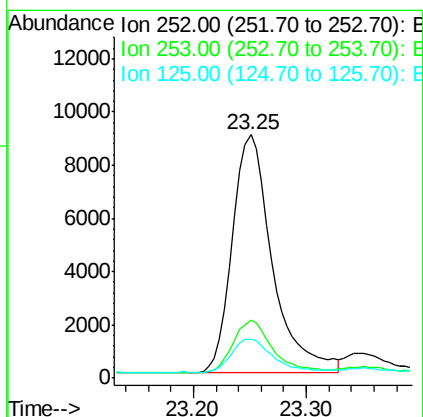
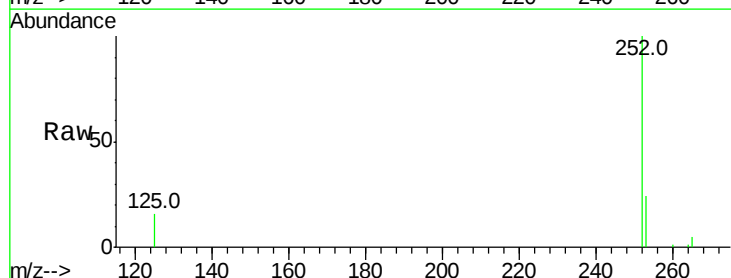
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

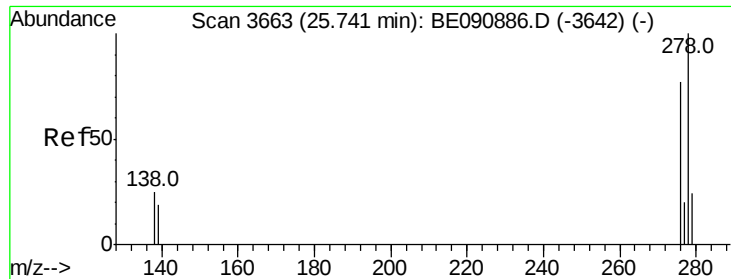
Tgt Ion:252 Resp: 26053  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.9 26.9  
125 13.7 10.1 15.1



#36  
Benzo(a)pyrene  
Concen: 0.48 ng  
RT: 23.25 min Scan# 3121  
Delta R.T. -0.00 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

Tgt Ion:252 Resp: 21767  
Ion Ratio Lower Upper  
252 100  
253 23.8 17.2 25.8  
125 16.1 18.0 27.0#

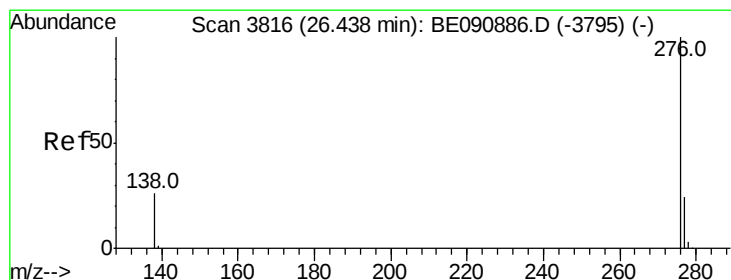
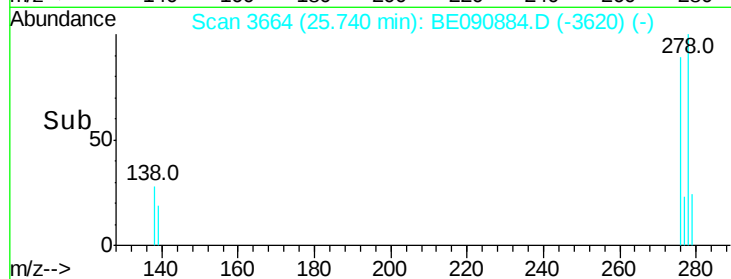
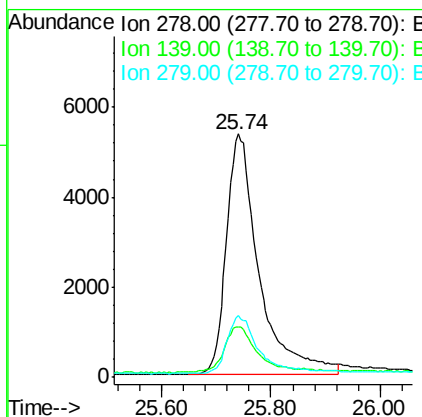
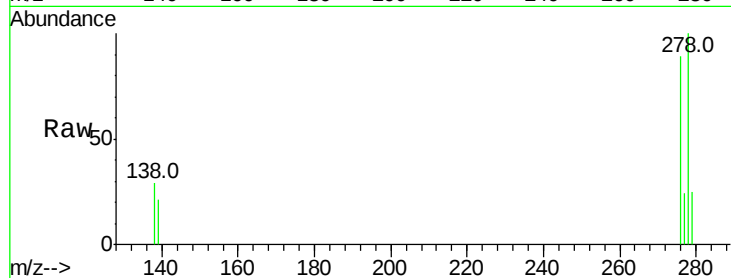




#37  
Dibenzo(a,h)anthracene  
Concen: 0.46 ng  
RT: 25.74 min Scan# 3664  
Delta R.T. -0.00 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC0.5

Tgt Ion: 278 Resp: 22372  
Ion Ratio Lower Upper  
278 100  
139 20.5 15.4 23.0  
279 25.2 18.8 28.2



#38  
Benzo(g,h,i)perylene  
Concen: 0.47 ng  
RT: 26.44 min Scan# 3818  
Delta R.T. 0.00 min  
Lab File: BE090884.D  
Acq: 18 Sep 2015 14:05

Tgt Ion: 276 Resp: 24516  
Ion Ratio Lower Upper  
276 100  
277 24.6 18.5 27.7  
138 27.8 20.1 30.1

