

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF040216\  
 Data File : BF086036.D  
 Acq On : 3 Apr 2016 3:50  
 Operator : UM/SJ  
 Sample : H2025-01DL 5X  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 04 01:13:29 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 01 23:17:06 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.77  | 152  | 108574   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.05  | 136  | 446188   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.80  | 164  | 200742   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.29 | 188  | 379555   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.93 | 240  | 256467   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.33 | 264  | 224444   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.37  | 112 | 159743 | 25.15 | ng | 0.00  |
| 7) Phenol-d6                | 6.41  | 99  | 247493 | 30.68 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.33  | 82  | 129120 | 17.07 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330 | 44076  | 23.39 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.13  | 172 | 222953 | 18.47 | ng | -0.01 |
| 78) Terphenyl-d14           | 12.88 | 244 | 180930 | 16.58 | ng | 0.00  |

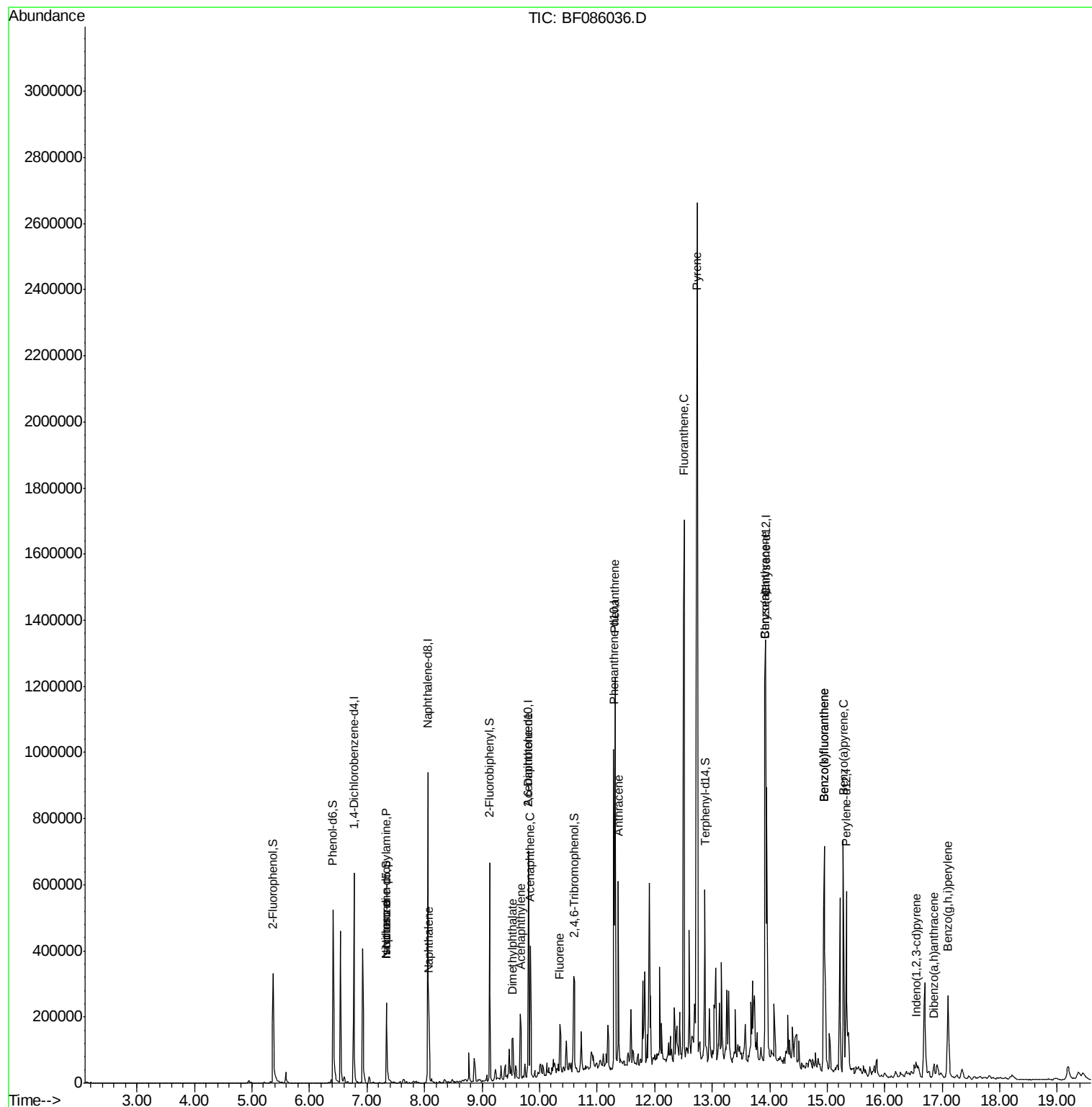
|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 19) n-Nitroso-di-n-propylamine | 7.33  | 70  | 16621   | 3.32   | ng | # 81 |
| 25) Isophorone                 | 7.33  | 82  | 129118  | 8.65   | ng | # 68 |
| 31) Naphthalene                | 8.08  | 128 | 88453   | 3.94   | ng | 99   |
| 48) Acenaphthylene             | 9.66  | 152 | 111550  | 5.55   | ng | 99   |
| 49) Dimethylphthalate          | 9.53  | 163 | 39189   | 2.63   | ng | 99   |
| 50) 2,6-Dinitrotoluene         | 9.80  | 165 | 27221   | 8.65   | ng | # 20 |
| 51) Acenaphthene               | 9.84  | 154 | 94206   | 7.88   | ng | 99   |
| 57) Fluorene                   | 10.35 | 166 | 62930   | 4.67   | ng | 97   |
| 70) Phenanthrene               | 11.31 | 178 | 598840  | 28.92  | ng | 99   |
| 71) Anthracene                 | 11.37 | 178 | 215020  | 9.91   | ng | 97   |
| 74) Fluoranthene               | 12.51 | 202 | 911947  | 42.34  | ng | 90   |
| 77) Pyrene                     | 12.74 | 202 | 1284504 | 71.07  | ng | 99   |
| 80) Benzo(a)anthracene         | 13.92 | 228 | 436858  | 28.90  | ng | # 91 |
| 82) Chrysene                   | 13.92 | 228 | 436858  | 30.00  | ng | 96   |
| 85) Indeno(1,2,3-cd)pyrene     | 16.55 | 276 | 44765   | 3.79   | ng | 98   |
| 87) Benzo(b)fluoranthene       | 14.95 | 252 | 473019  | 33.50  | ng | 100  |
| 88) Benzo(k)fluoranthene       | 14.95 | 252 | 473019  | 37.83  | ng | # 97 |
| 89) Benzo(a)pyrene             | 15.28 | 252 | 292738  | 23.40  | ng | 99   |
| 90) Dibenzo(a,h)anthracene     | 16.85 | 278 | 29771   | 2.96   | ng | 99   |
| 91) Benzo(g,h,i)perylene       | 17.09 | 276 | 208744  | 21.43  | ng | 99   |

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

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040216.M  
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QLast Update : Fri Apr 01 23:17:06 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

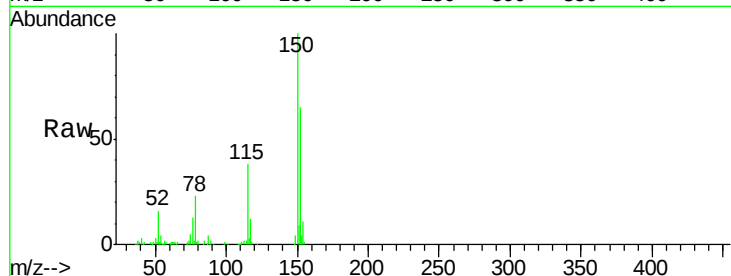
Tgt Ion:152 Resp: 108574

Ion Ratio Lower Upper

152 100

150 154.8 124.2 186.2

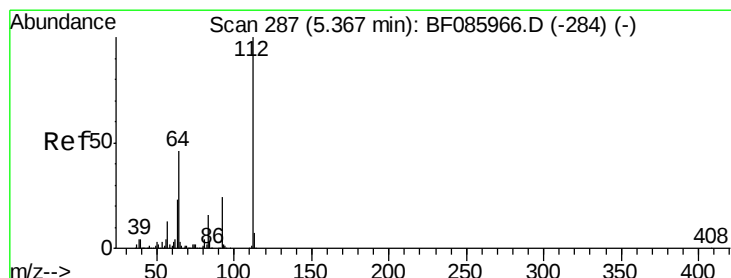
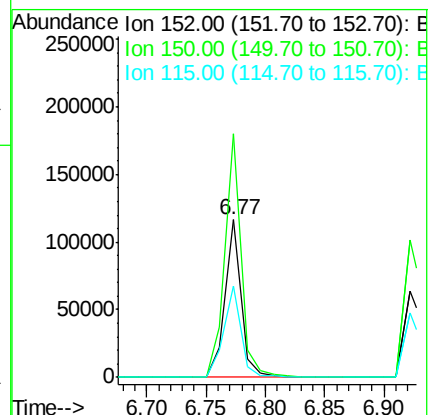
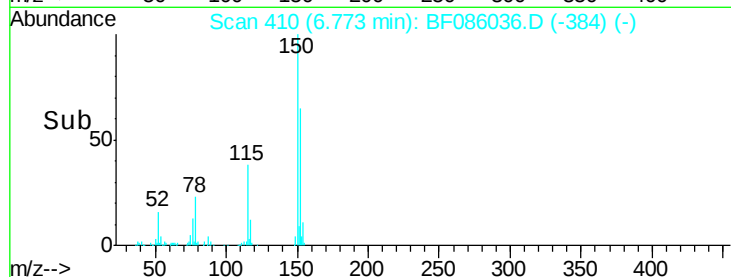
115 58.3 47.0 70.6



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



#5

2-Fluorophenol

Concen: 25.15 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

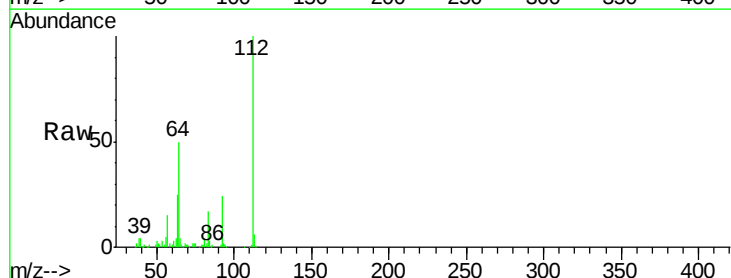
Tgt Ion:112 Resp: 159743

Ion Ratio Lower Upper

112 100

64 49.8 39.9 59.9

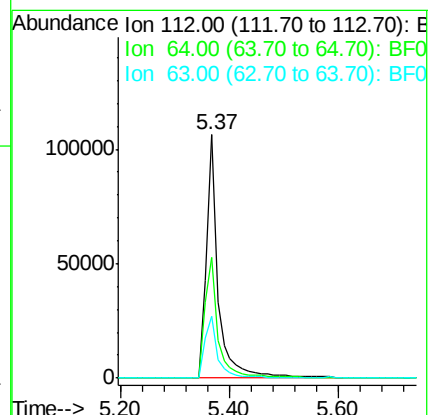
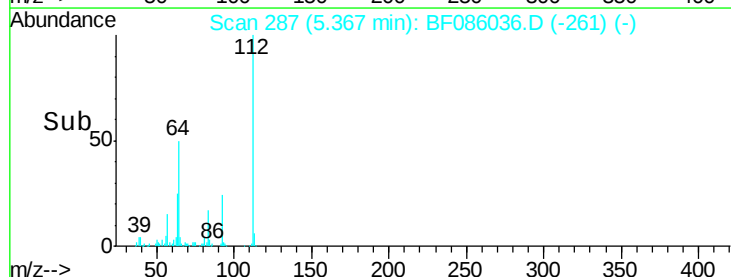
63 25.3 20.2 30.2

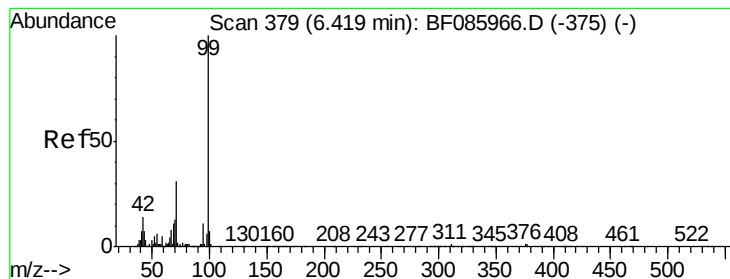


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.68 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

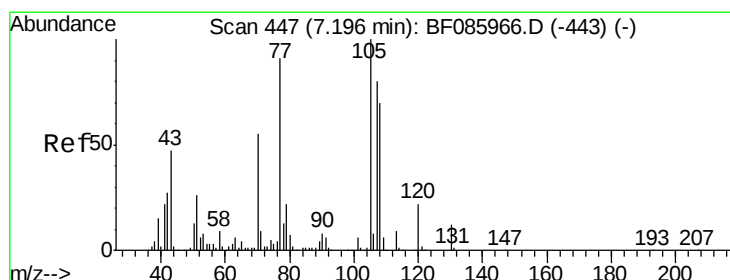
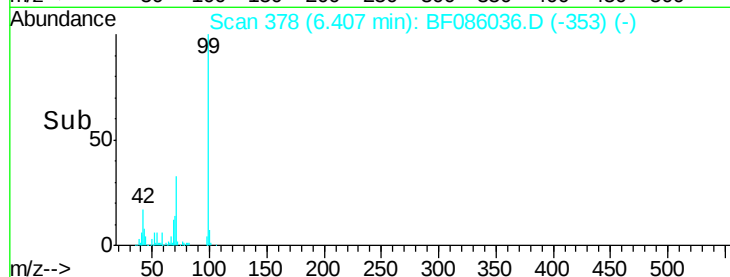
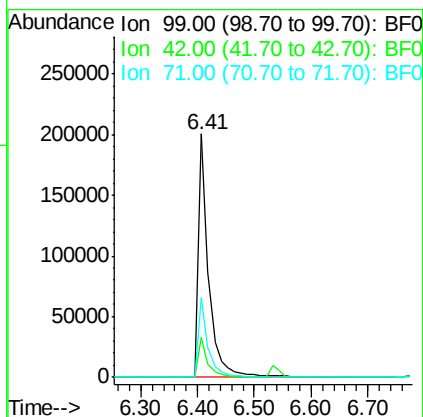
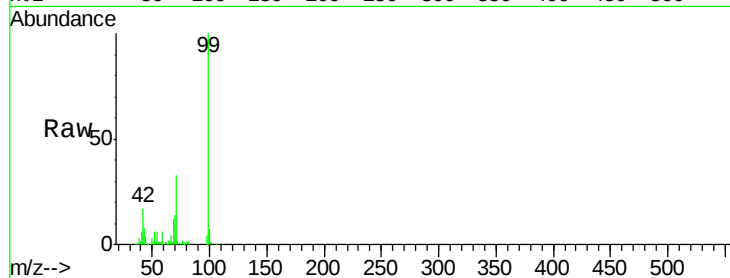
Tgt Ion: 99 Resp: 247493

Ion Ratio Lower Upper

99 100

42 16.5 11.1 16.7

71 32.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 3.32 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

Tgt Ion: 70 Resp: 16621

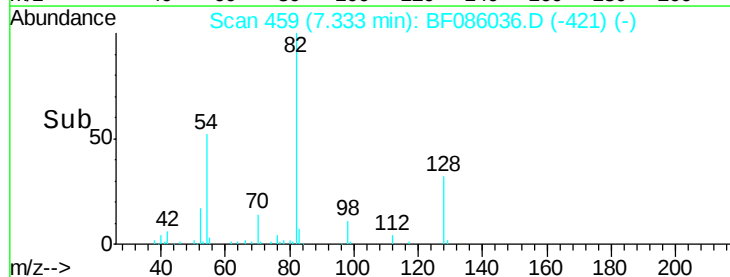
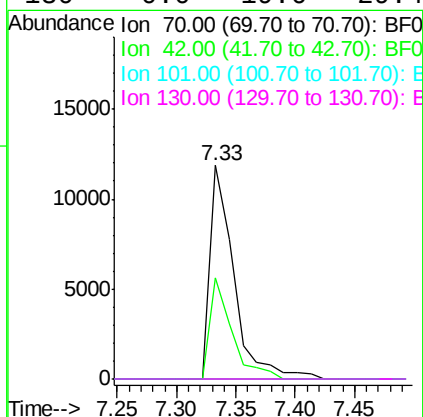
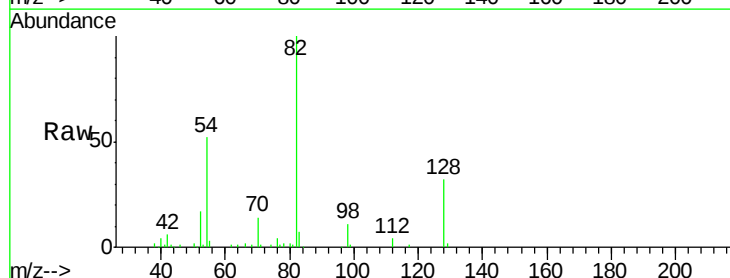
Ion Ratio Lower Upper

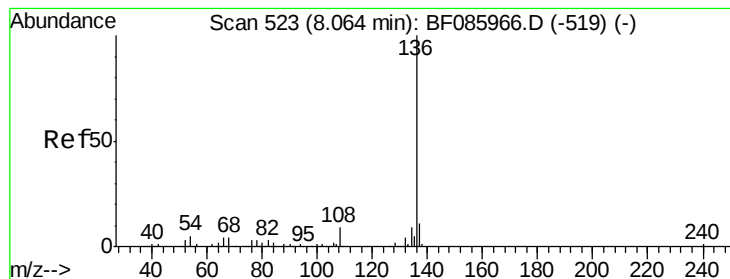
70 100

42 47.3 37.1 55.7

101 0.0 8.6 12.8#

130 0.0 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 136 Resp: 446188

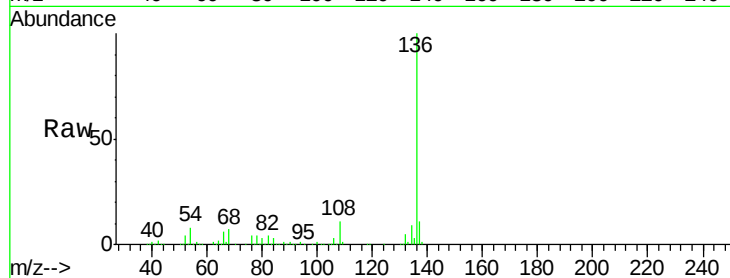
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.1 7.4 11.0

68 6.6 5.8 8.8

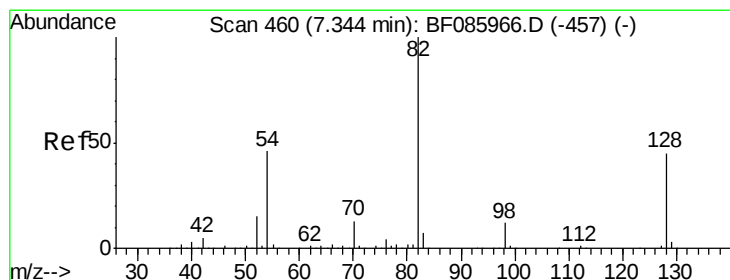
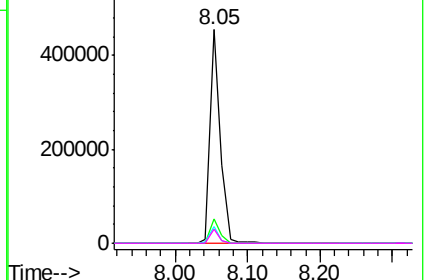
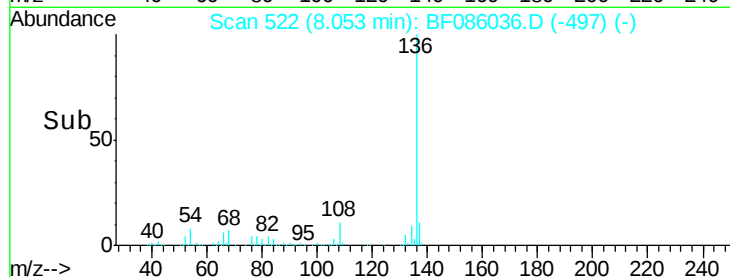


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 17.07 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

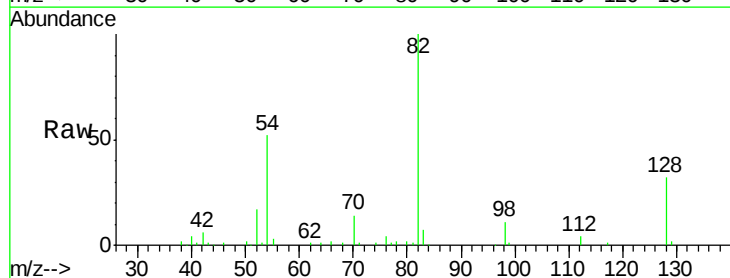
Tgt Ion: 82 Resp: 129120

Ion Ratio Lower Upper

82 100

128 31.9 41.8 62.8#

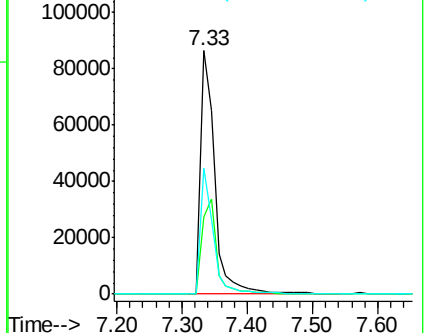
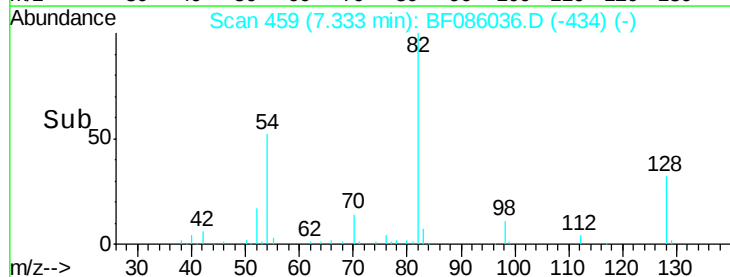
54 51.7 33.4 50.0#

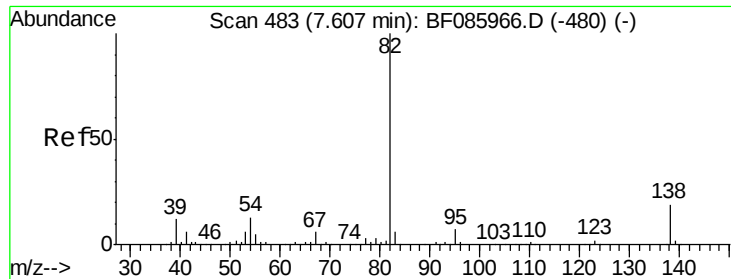


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 8.65 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

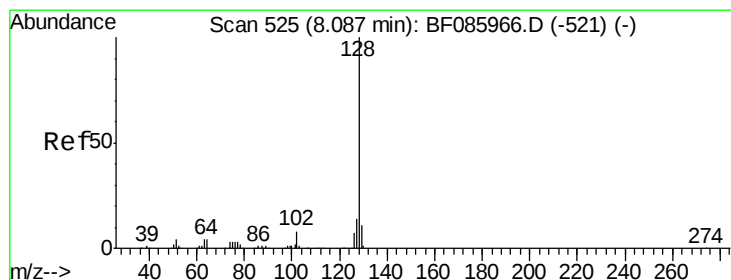
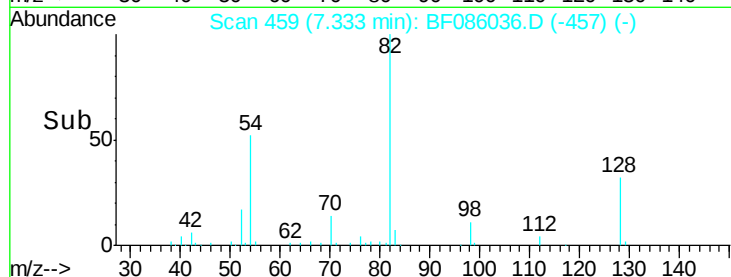
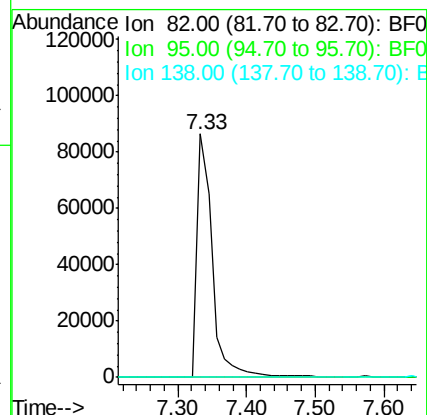
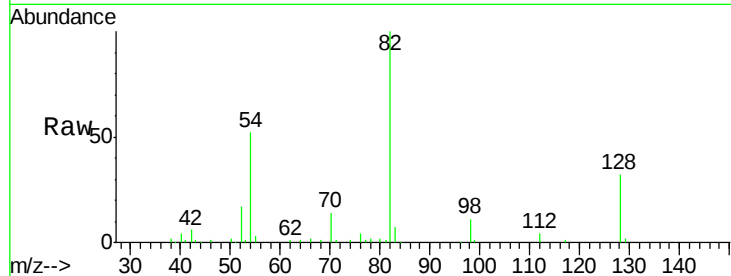
Tgt Ion: 82 Resp: 129118

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



#31

Naphthalene

Concen: 3.94 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

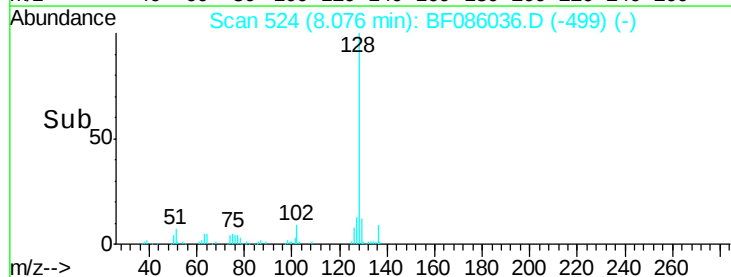
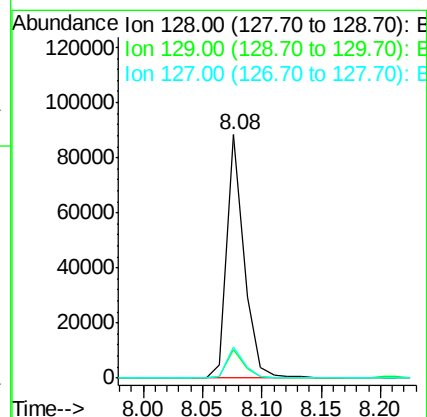
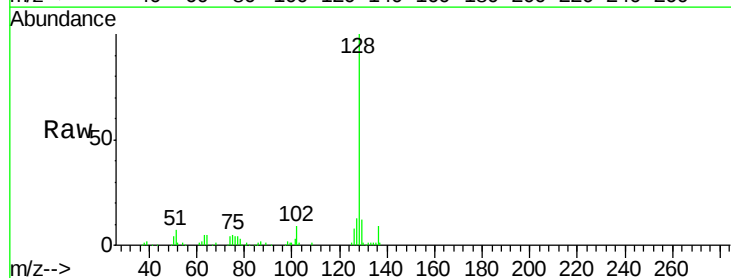
Tgt Ion: 128 Resp: 88453

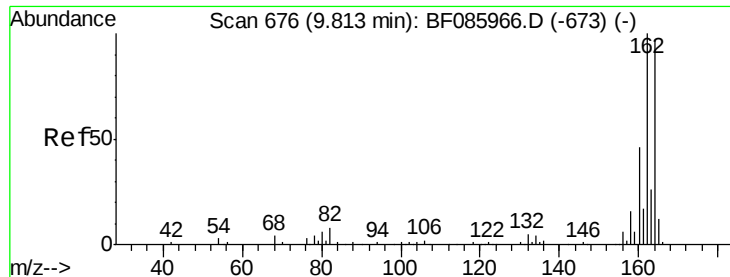
Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.0

127 12.9 11.0 16.6

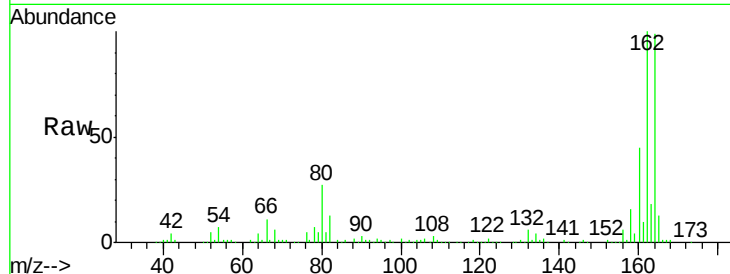




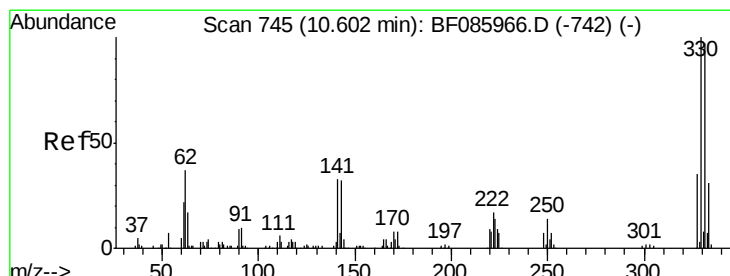
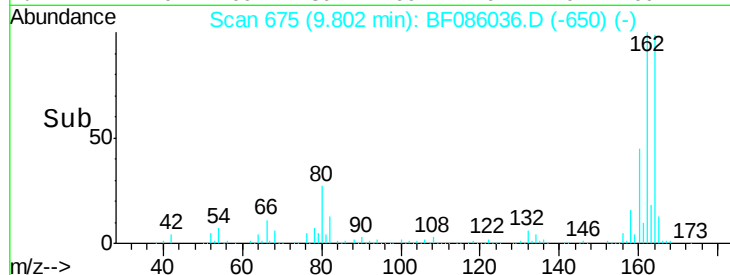
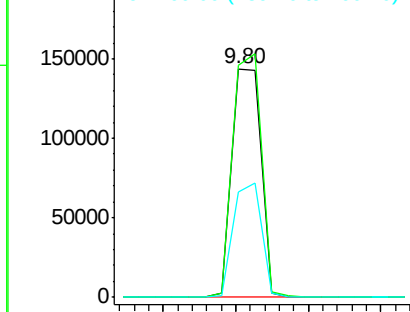
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.80 min Scan# 675  
Delta R.T. -0.01 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:164 Resp: 200742  
Ion Ratio Lower Upper  
164 100  
162 101.2 82.1 123.1  
160 46.0 37.4 56.2

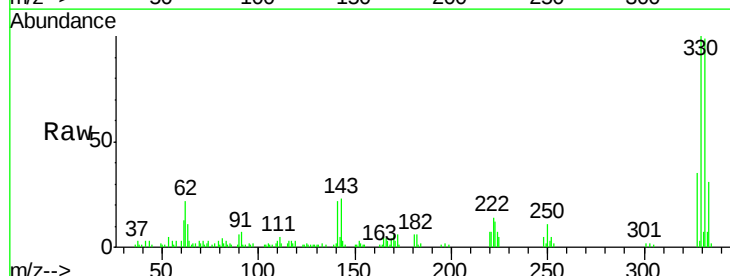


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

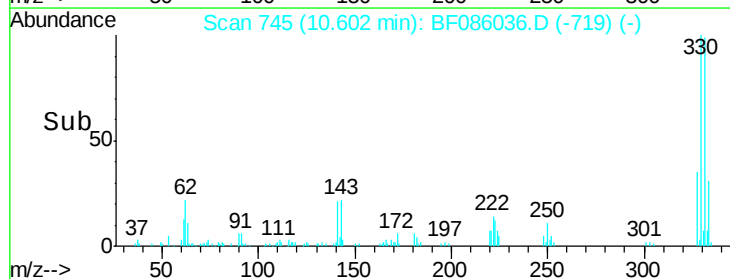
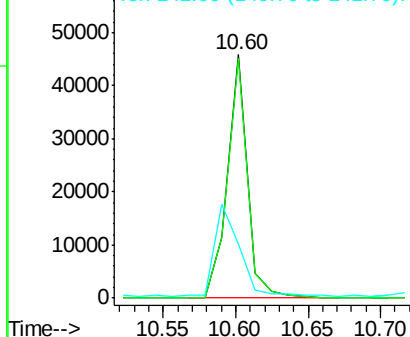


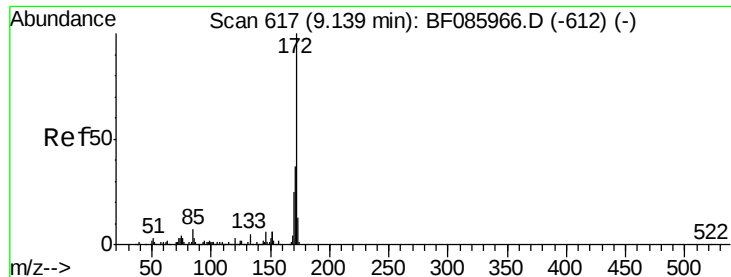
#41  
2,4,6-Tribromophenol  
Concen: 23.39 ng  
RT: 10.60 min Scan# 745  
Delta R.T. 0.00 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

Tgt Ion:330 Resp: 44076  
Ion Ratio Lower Upper  
330 100  
332 98.7 78.2 117.2  
141 45.6 31.5 47.3



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





#44

2-Fluorobiphenyl

Concen: 18.47 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

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Acq: 3 Apr 2016 3:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

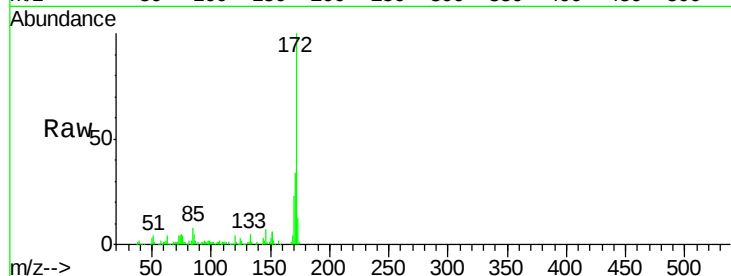
Tgt Ion:172 Resp: 222953

Ion Ratio Lower Upper

172 100

171 34.1 29.4 44.2

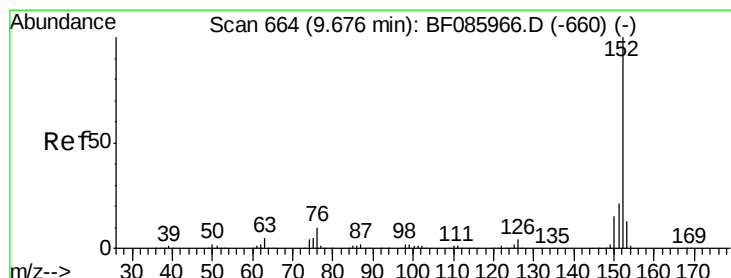
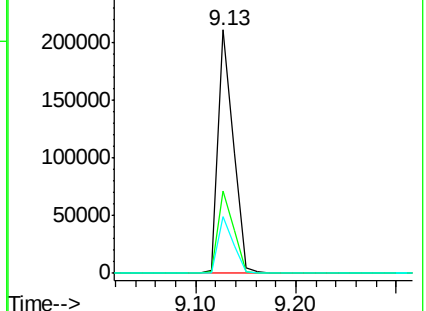
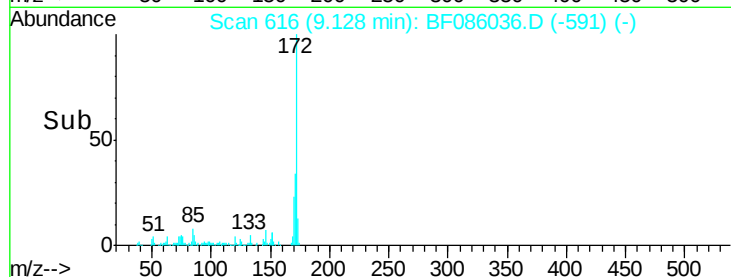
170 23.4 19.8 29.6



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



#48

Acenaphthylene

Concen: 5.55 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

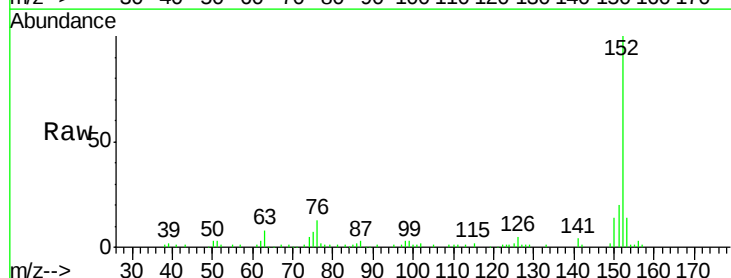
Tgt Ion:152 Resp: 111550

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

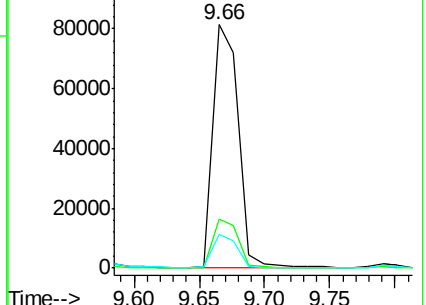
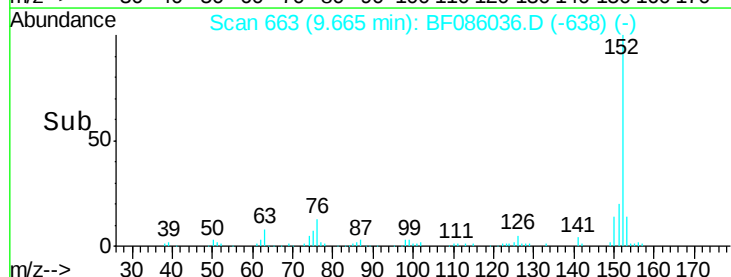
153 13.6 10.9 16.3

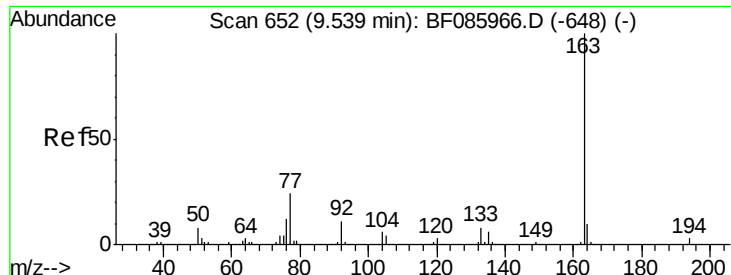


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

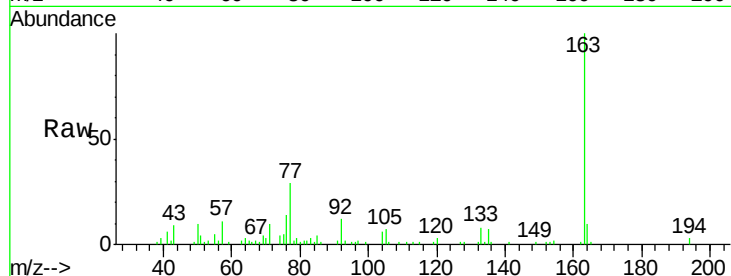




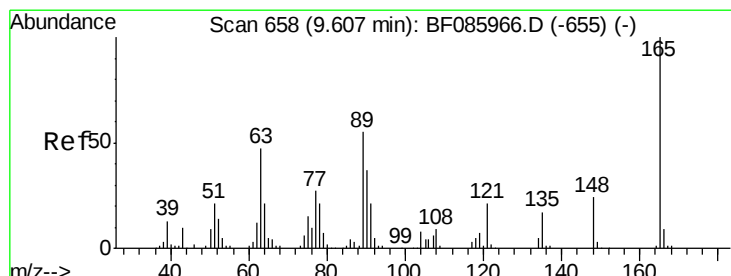
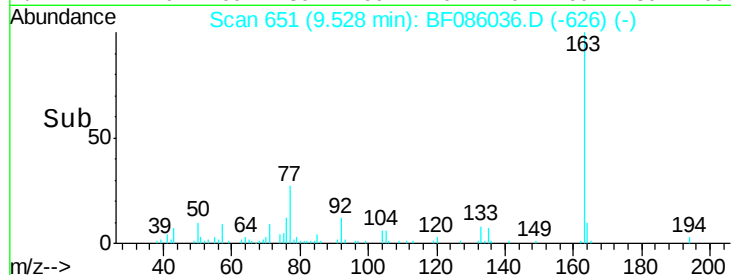
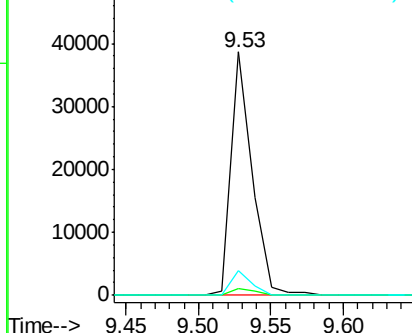
#49  
Dimethylphthalate  
Concen: 2.63 ng  
RT: 9.53 min Scan# 651  
Delta R.T. -0.01 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:163 Resp: 39189  
Ion Ratio Lower Upper  
163 100  
194 3.0 2.9 4.3  
164 10.1 8.3 12.5

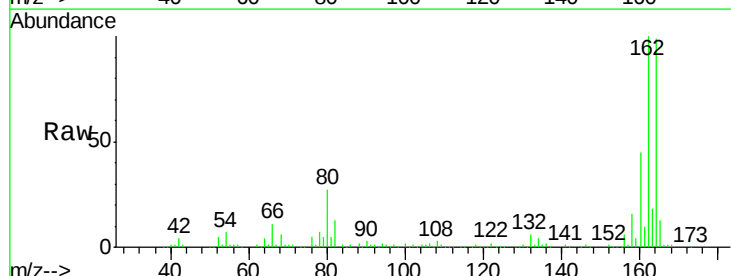


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

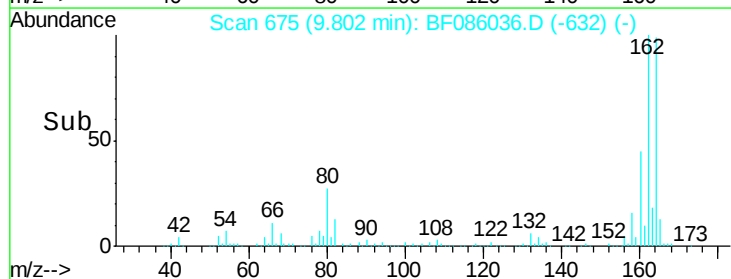
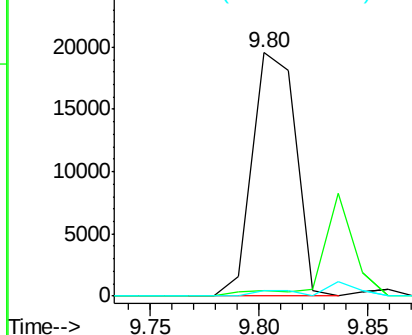


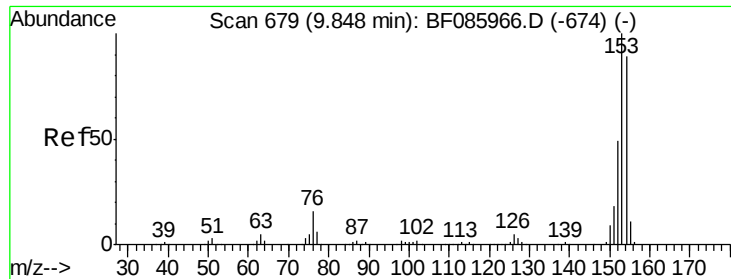
#50  
2,6-Dinitrotoluene  
Concen: 8.65 ng  
RT: 9.80 min Scan# 675  
Delta R.T. 0.19 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

Tgt Ion:165 Resp: 27221  
Ion Ratio Lower Upper  
165 100  
63 2.1 51.8 77.8#  
89 2.3 53.7 80.5#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0

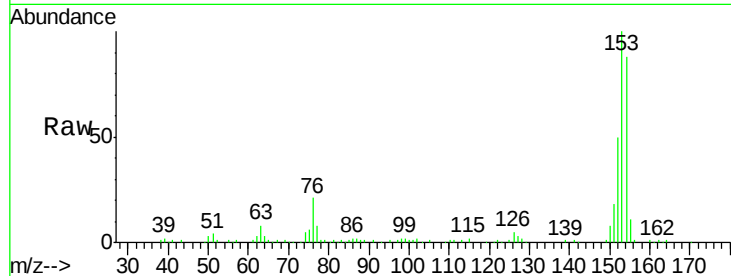




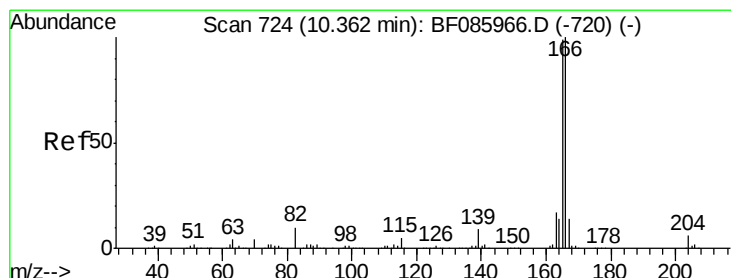
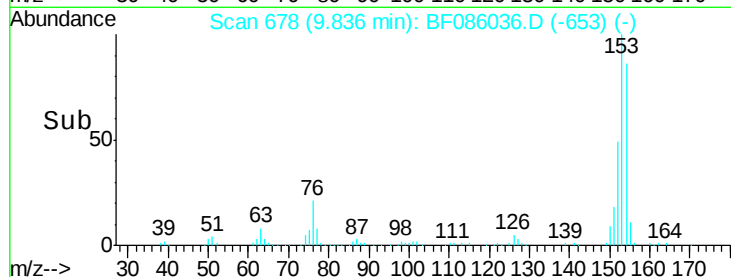
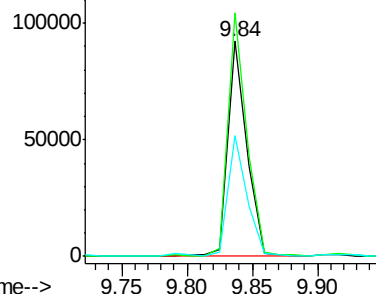
#51  
Acenaphthene  
Concen: 7.88 ng  
RT: 9.84 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:154 Resp: 94206  
Ion Ratio Lower Upper  
154 100  
153 113.3 90.1 135.1  
152 56.2 44.2 66.2

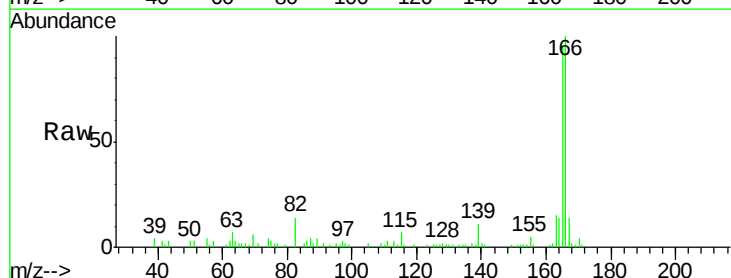


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

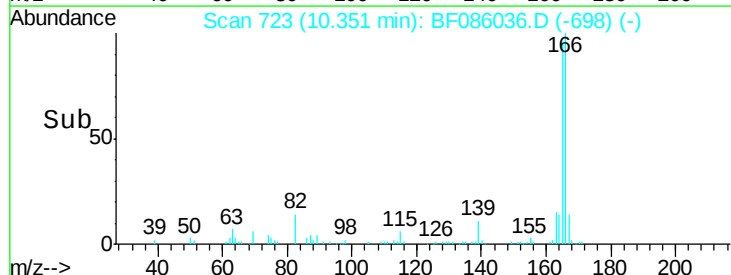
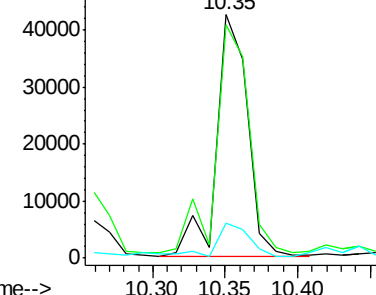


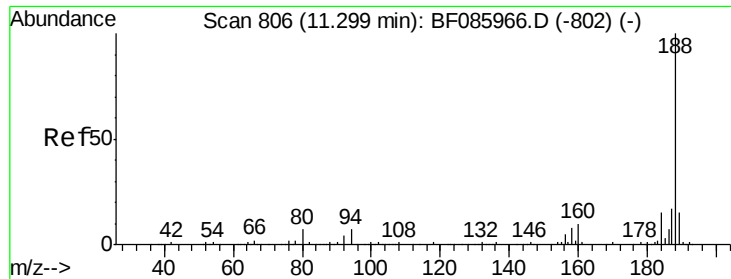
#57  
Fluorene  
Concen: 4.67 ng  
RT: 10.35 min Scan# 723  
Delta R.T. -0.01 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

Tgt Ion:166 Resp: 62930  
Ion Ratio Lower Upper  
166 100  
165 95.7 79.4 119.0  
167 14.5 11.0 16.4



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

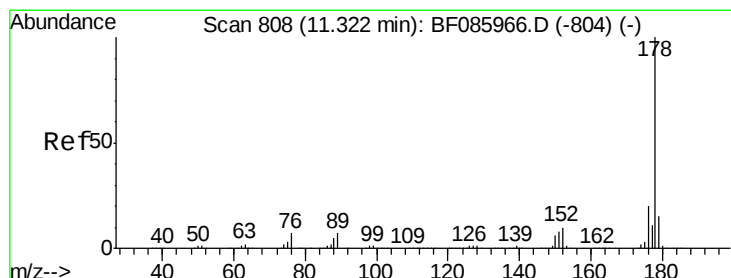
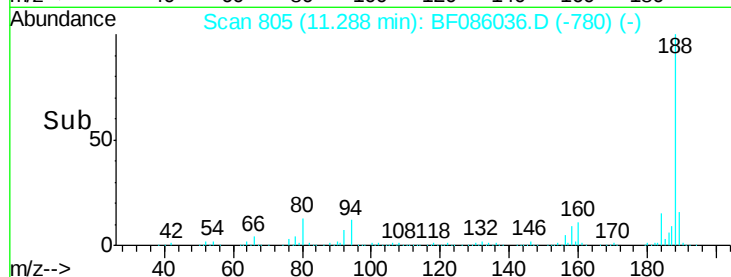
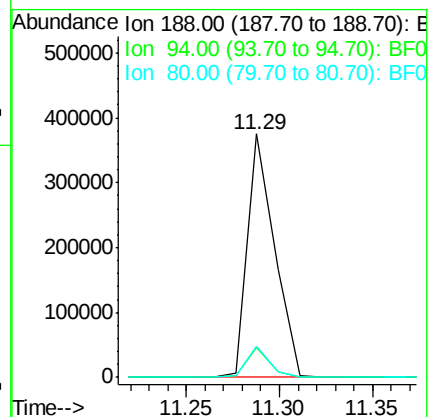
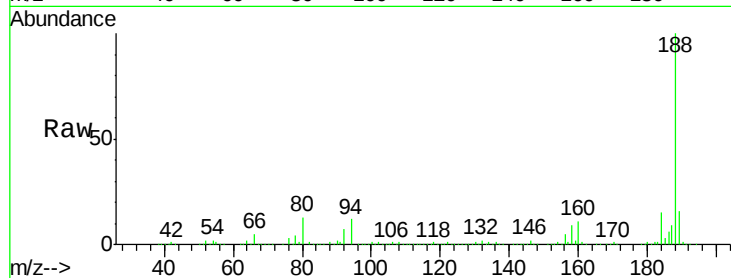




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.29 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

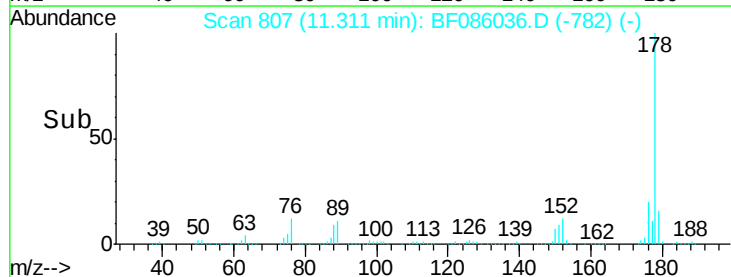
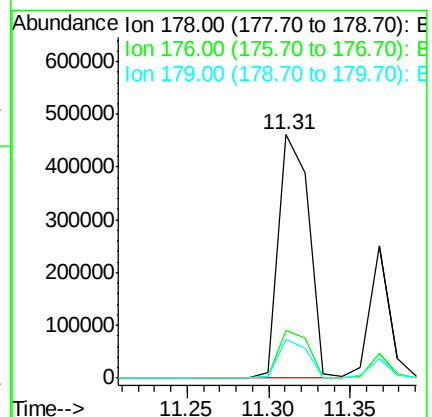
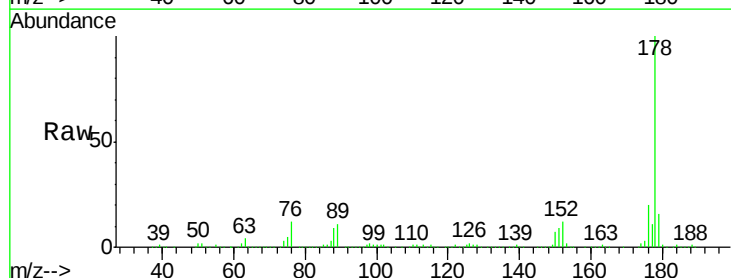
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

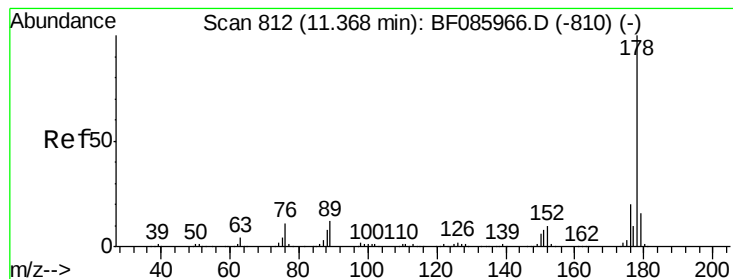
Tgt Ion:188 Resp: 379555  
Ion Ratio Lower Upper  
188 100  
94 12.1 5.4 8.0#  
80 12.8 5.5 8.3#



#70  
Phenanthrene  
Concen: 28.92 ng  
RT: 11.31 min Scan# 807  
Delta R.T. -0.01 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

Tgt Ion:178 Resp: 598840  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.3 24.5  
179 15.7 12.6 18.8





#71

Anthracene

Concen: 9.91 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

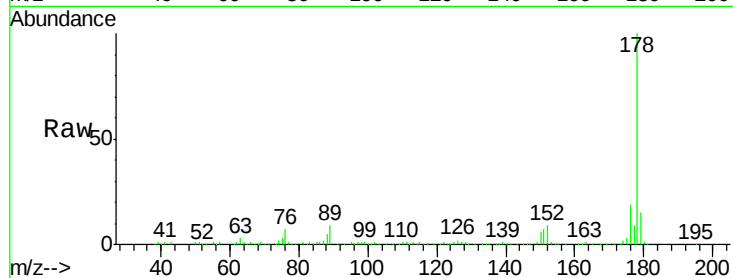
Tgt Ion:178 Resp: 215020

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

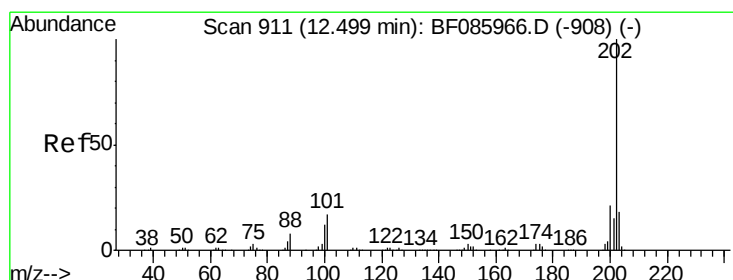
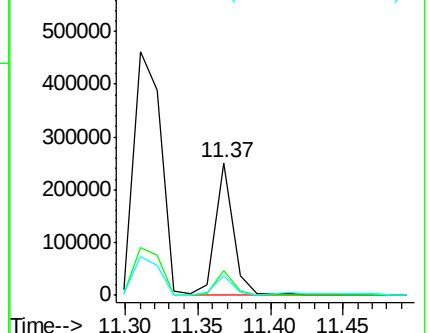
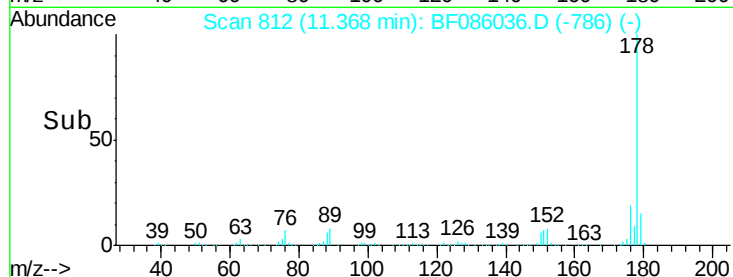
179 15.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 42.34 ng

RT: 12.51 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

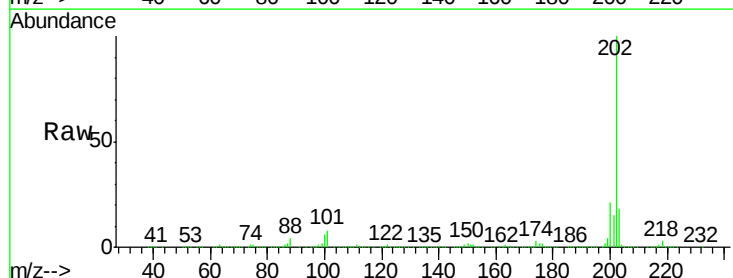
Tgt Ion:202 Resp: 911947

Ion Ratio Lower Upper

202 100

101 8.0 0.0 36.6

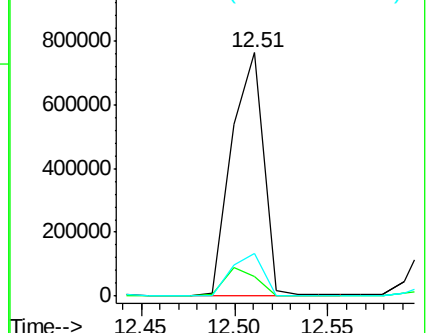
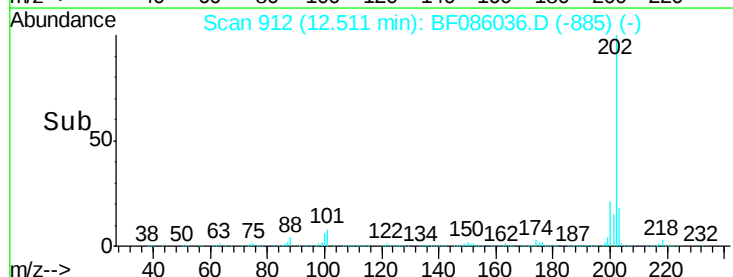
203 17.5 0.0 38.1

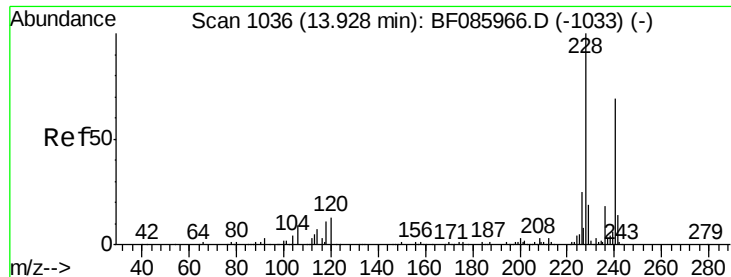


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

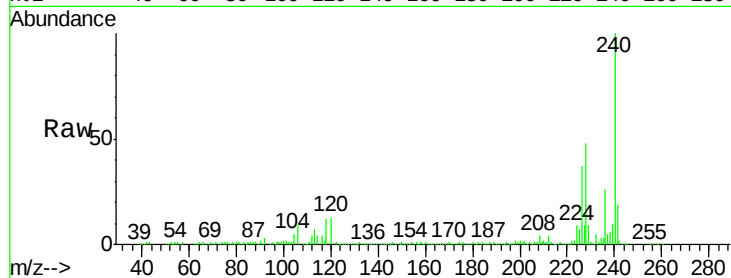
Tgt Ion:240 Resp: 256467

Ion Ratio Lower Upper

240 100

120 13.4 13.8 20.8#

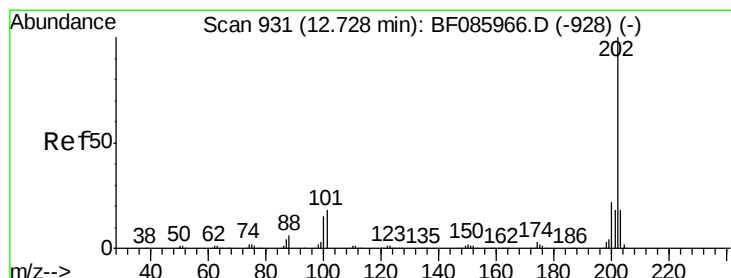
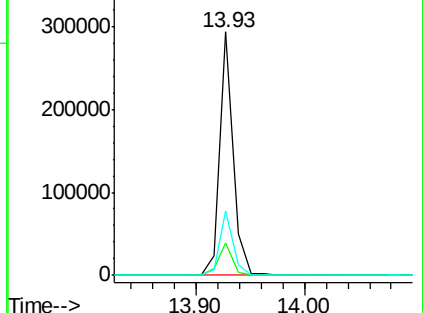
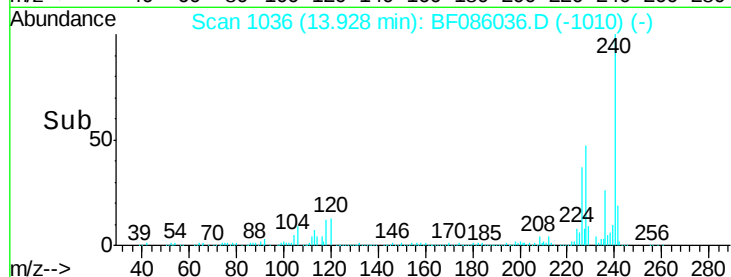
236 26.2 20.6 30.8



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



#77

Pyrene

Concen: 71.07 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

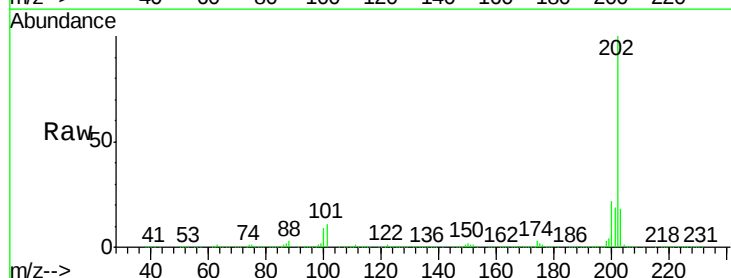
Tgt Ion:202 Resp: 1284504

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

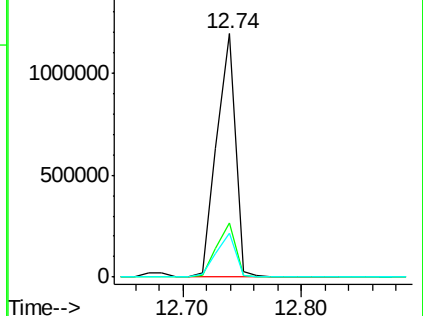
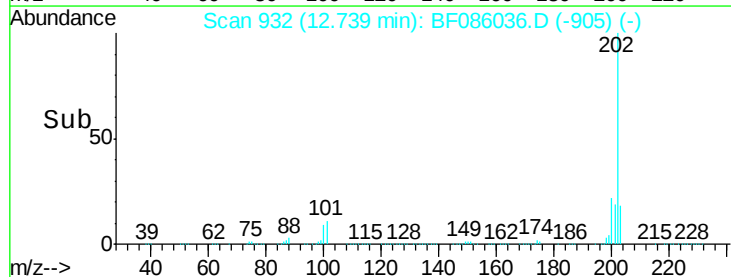
203 17.8 14.0 21.0

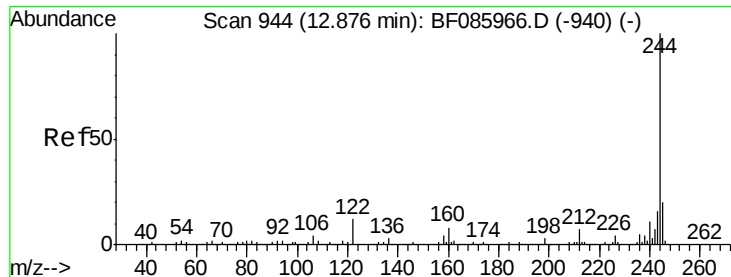


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 16.58 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

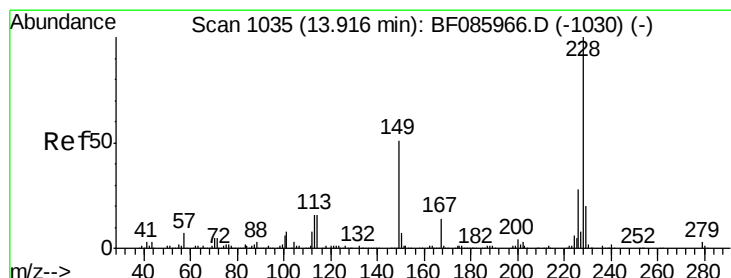
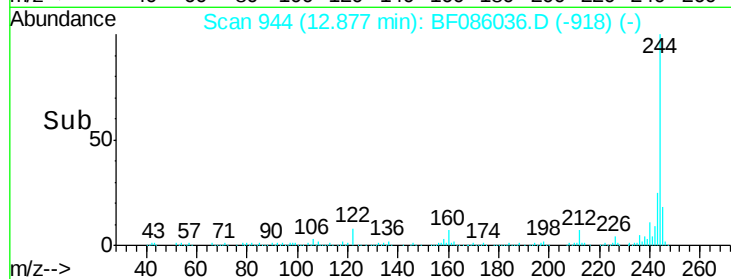
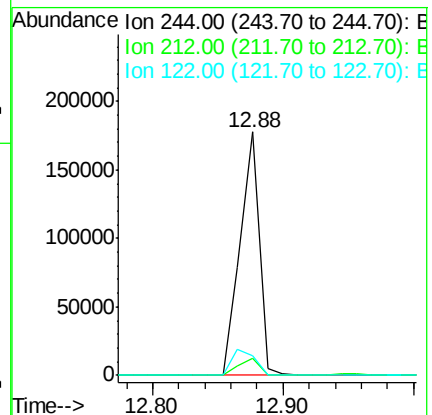
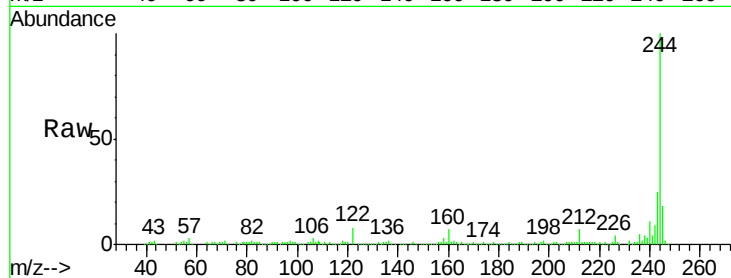
Tgt Ion:244 Resp: 180930

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 8.3 10.2 15.4#



#80

Benzo(a)anthracene

Concen: 28.90 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

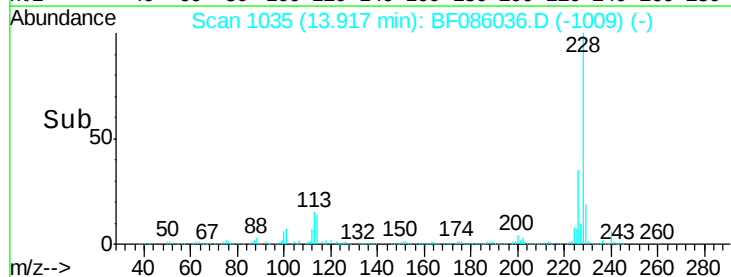
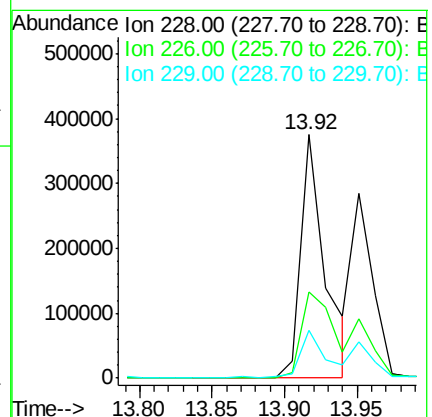
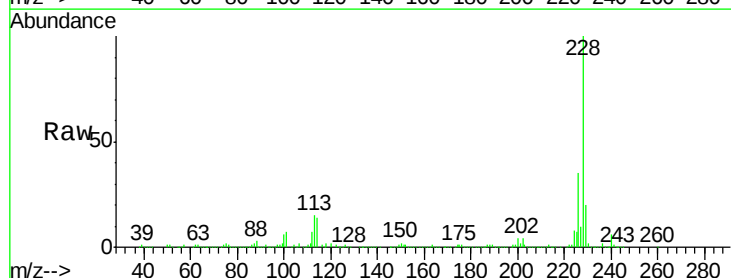
Tgt Ion:228 Resp: 436858

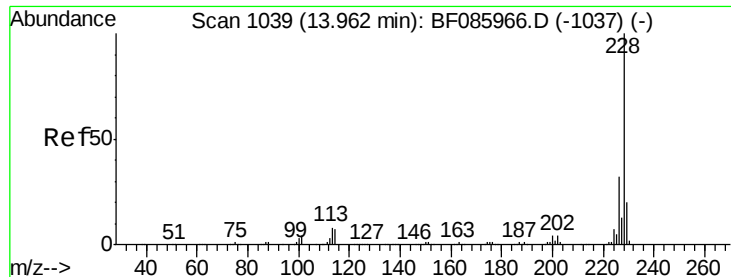
Ion Ratio Lower Upper

228 100

226 35.3 22.1 33.1#

229 19.6 16.2 24.4





#82

Chrysene

Concen: 30.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

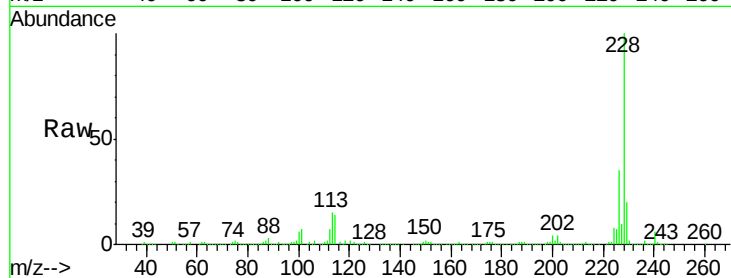
Tgt Ion:228 Resp: 436858

Ion Ratio Lower Upper

228 100

226 35.3 25.0 37.6

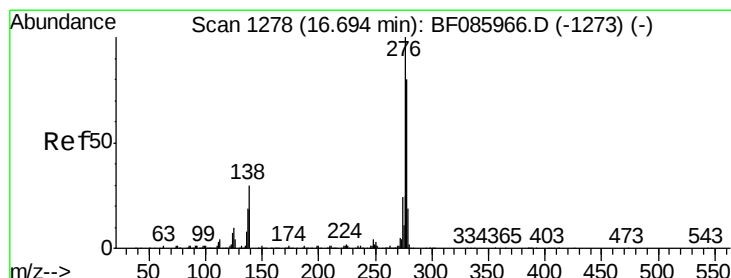
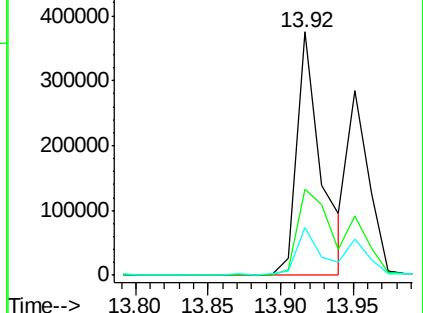
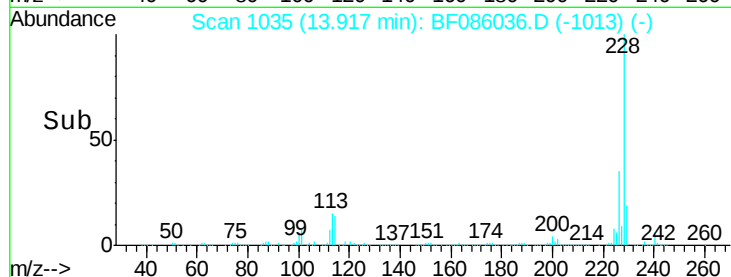
229 19.6 15.7 23.5



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.79 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.15 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

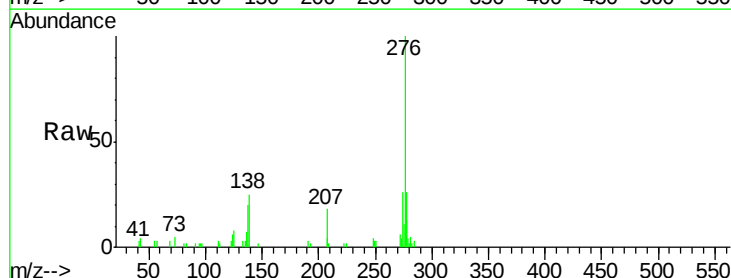
Tgt Ion:276 Resp: 44765

Ion Ratio Lower Upper

276 100

138 29.2 24.2 36.4

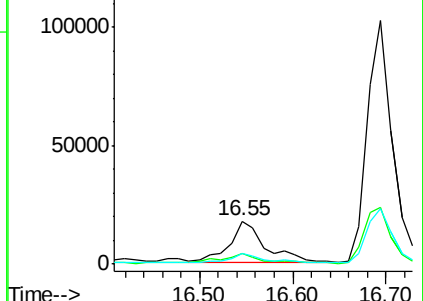
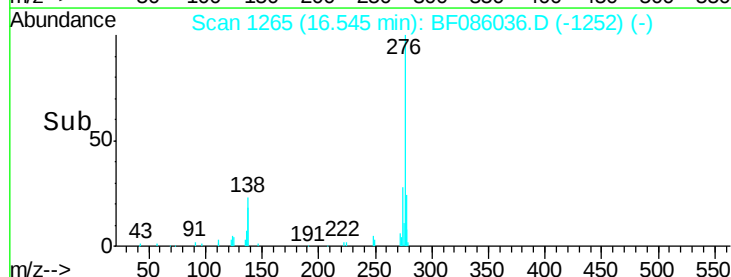
277 24.0 20.0 30.0

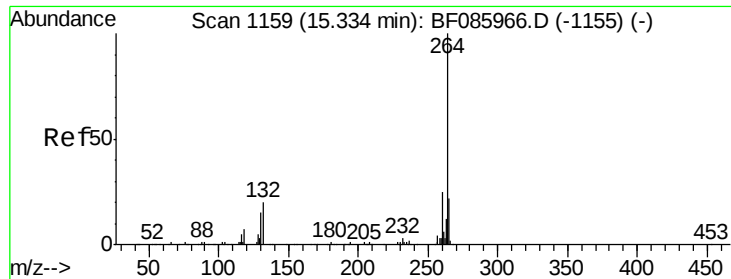


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

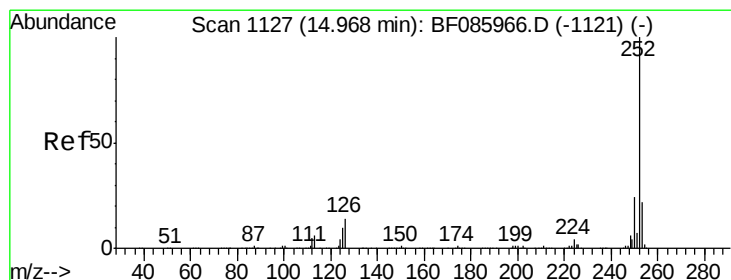
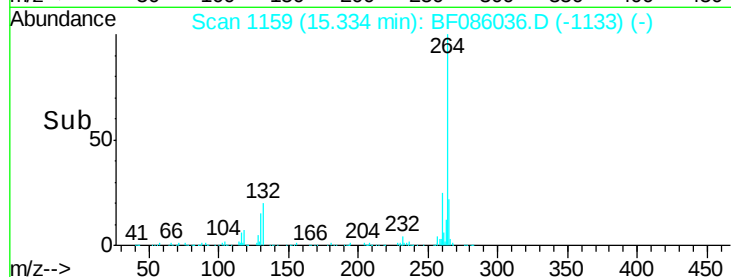
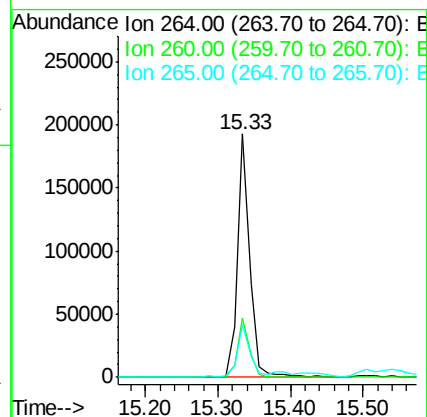
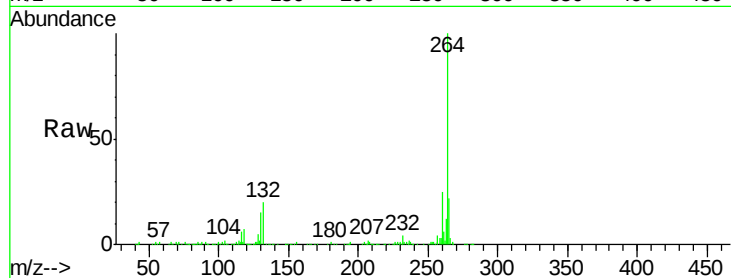




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.33 min Scan# 1159  
Delta R.T. 0.00 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

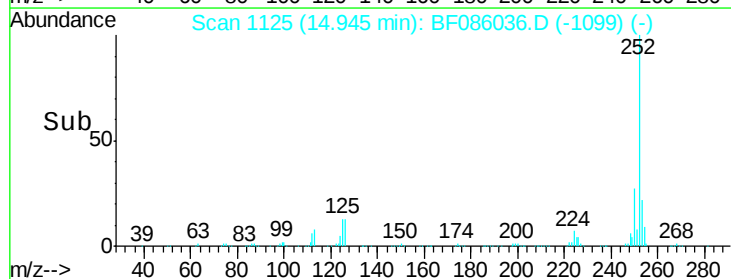
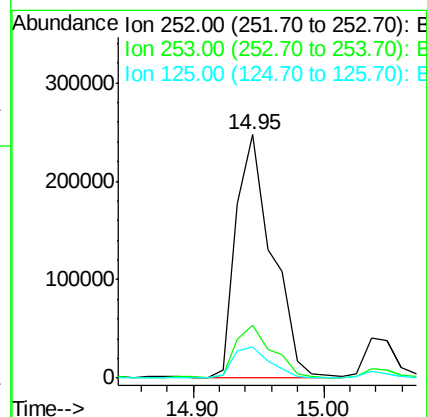
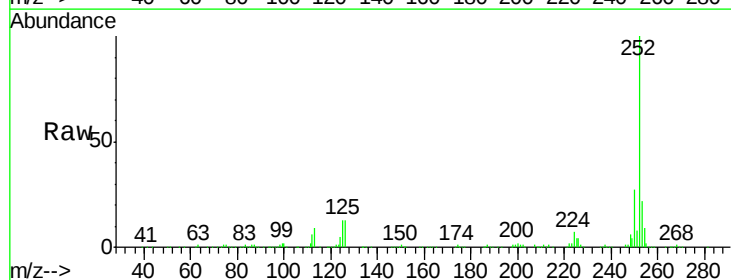
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

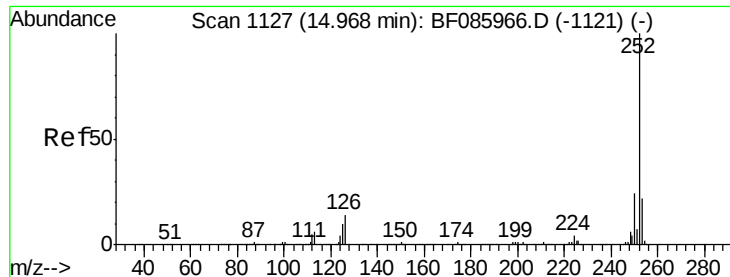
Tgt Ion: 264 Resp: 224444  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.4 29.2  
265 21.9 17.2 25.8



#87  
Benzo(b)fluoranthene  
Concen: 33.50 ng  
RT: 14.95 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

Tgt Ion: 252 Resp: 473019  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 12.7 10.3 15.5

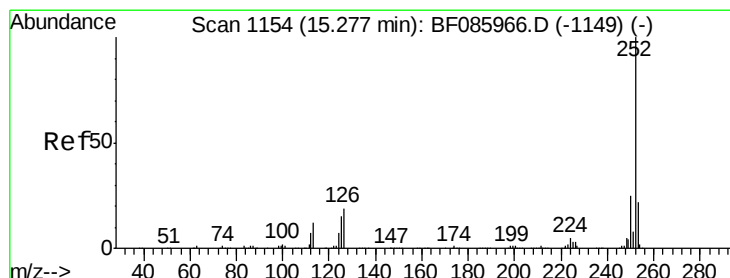
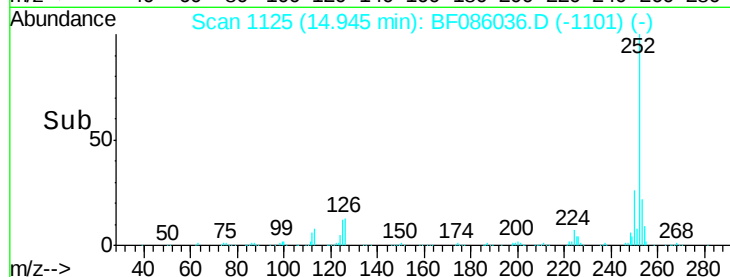
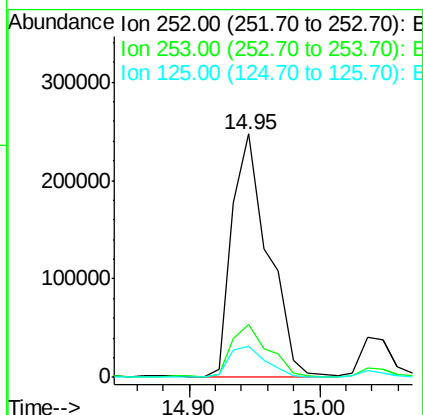
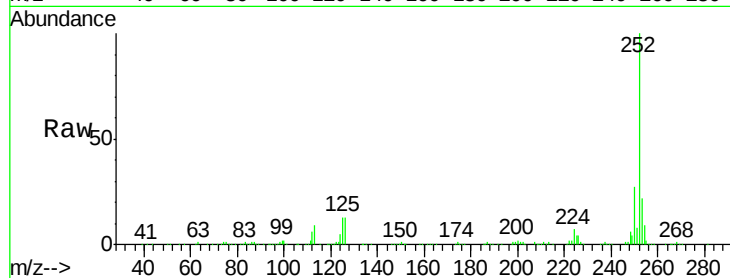




#88  
Benzo(k)fluoranthene  
Concen: 37.83 ng  
RT: 14.95 min Scan# 1125  
Delta R.T. -0.02 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

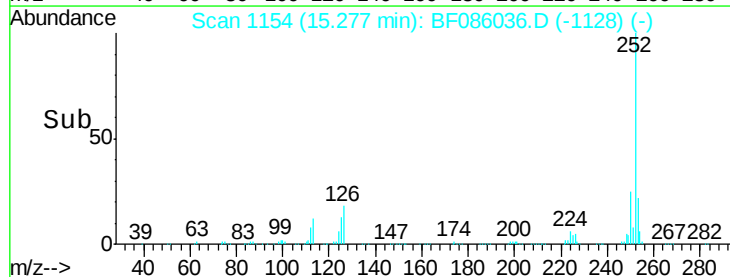
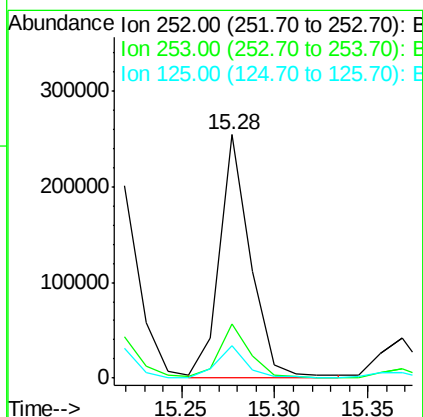
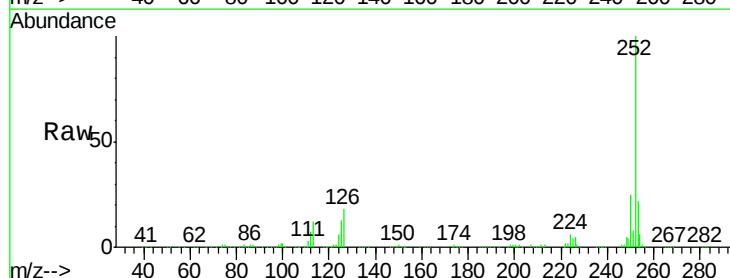
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

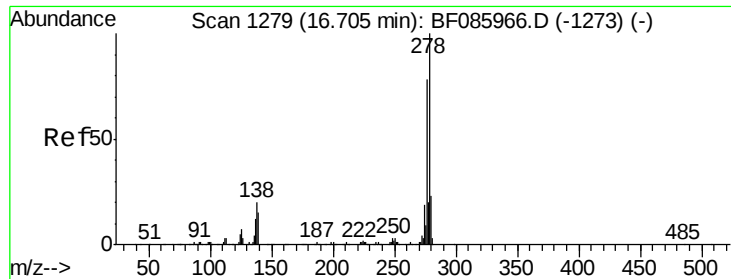
Tgt Ion:252 Resp: 473019  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 12.7 7.7 11.5#



#89  
Benzo(a)pyrene  
Concen: 23.40 ng  
RT: 15.28 min Scan# 1154  
Delta R.T. 0.00 min  
Lab File: BF086036.D  
Acq: 3 Apr 2016 3:50

Tgt Ion:252 Resp: 292738  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.0  
125 13.1 10.3 15.5





#90

Dibenzo(a,h)anthracene

Concen: 2.96 ng

RT: 16.85 min Scan# 1292

Delta R.T. 0.15 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

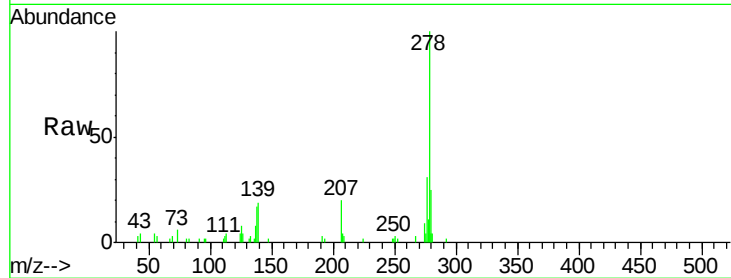
Tgt Ion:278 Resp: 29771

Ion Ratio Lower Upper

278 100

139 18.5 14.4 21.6

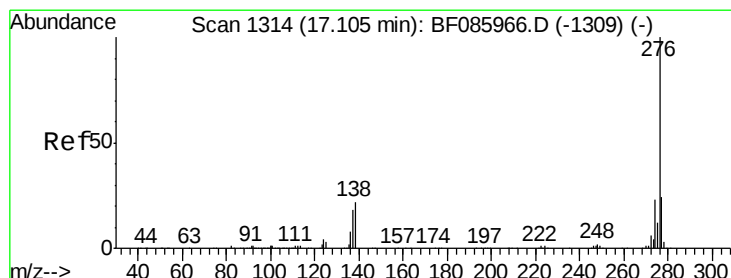
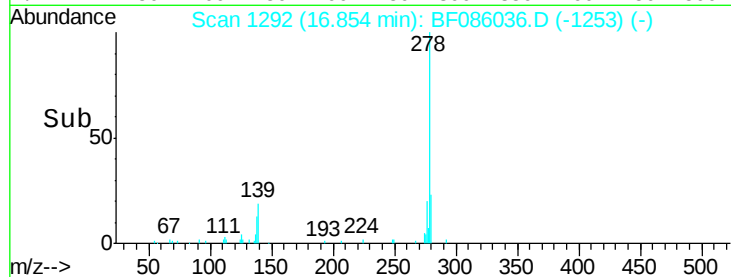
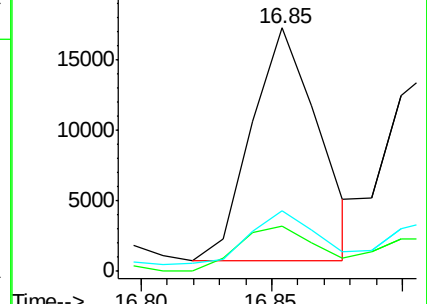
279 24.6 19.1 28.7



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



#91

Benzo(g,h,i)perylene

Concen: 21.43 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 3 Apr 2016 3:50

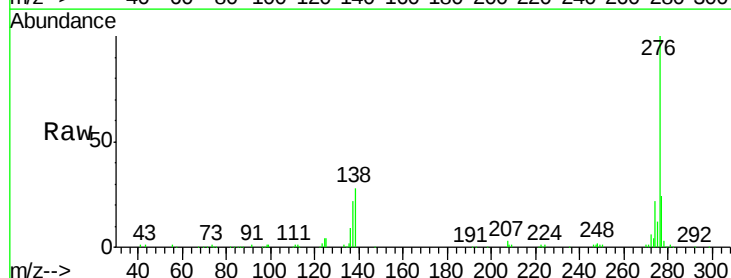
Tgt Ion:276 Resp: 208744

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 27.8 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

