

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\  
 Data File : BF079368.D  
 Acq On : 20 May 2015 5:55  
 Operator : TP/IZ  
 Sample : G2289-02  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-34S

Quant Time: May 20 06:59:55 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 20 05:08:22 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.13  | 152  | 45619    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.71  | 136  | 190088   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.88 | 164  | 93550    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.72 | 188  | 186123   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.00 | 240  | 200263   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 17.70 | 264  | 231135   | 20.00 | ng    | -0.11    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.42  | 112  | 272081m  | 102.67 | ng    | 0.00     |
| 7) Phenol-d6                | 6.71  | 99   | 356416   | 101.74 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.82  | 82   | 200161   | 60.52  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 11.86 | 330  | 106811   | 105.54 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.06 | 172  | 426471   | 63.51  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.71 | 244  | 484566   | 57.93  | ng    | -0.01    |

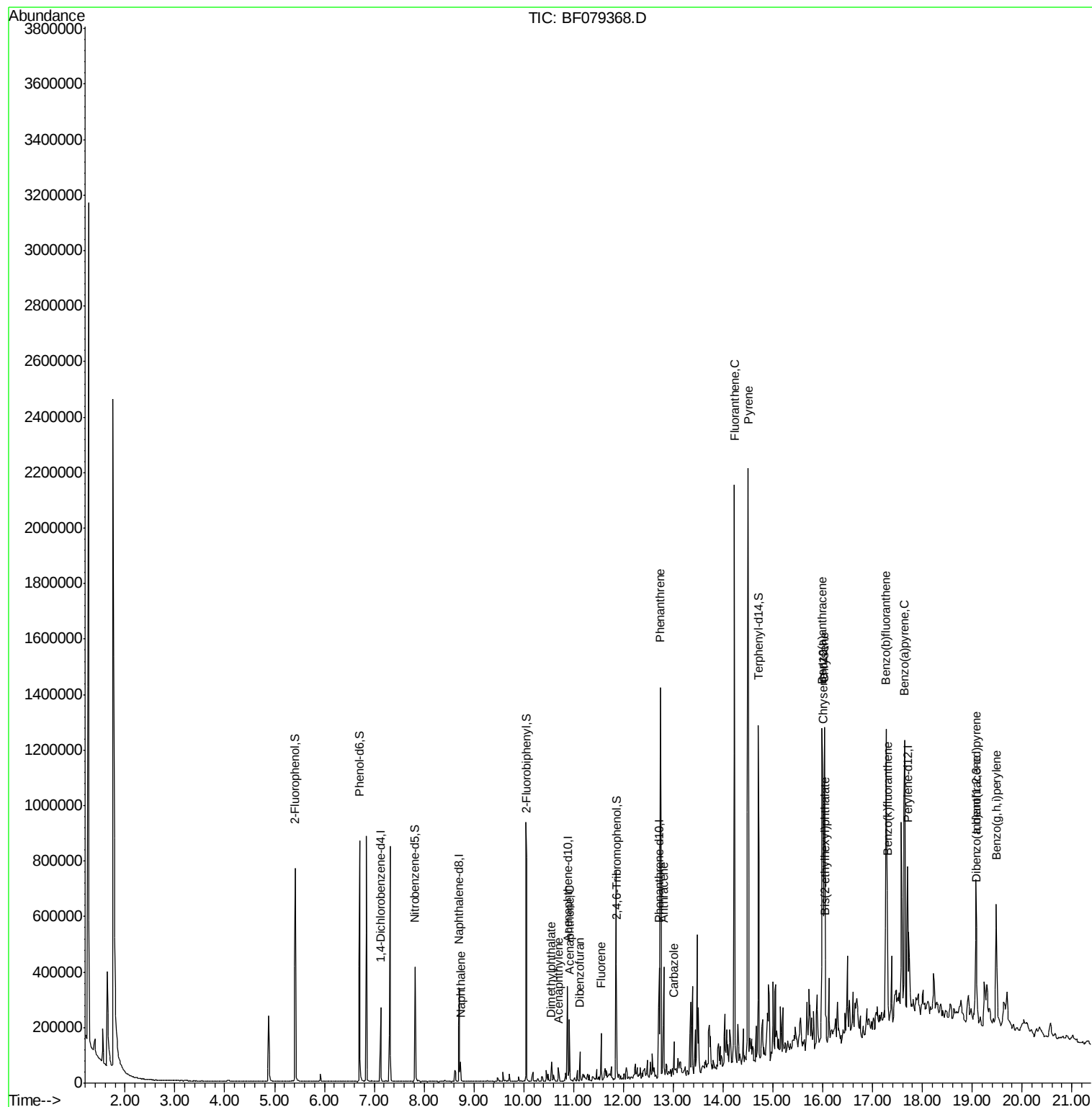
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 31) Naphthalene                | 8.73  | 128  | 28201    | 3.11  | ng    | 99     |
| 48) Acenaphthylene             | 10.70 | 152  | 23482    | 2.47  | ng    | 100    |
| 49) Dimethylphthalate          | 10.56 | 163  | 26743    | 3.90  | ng    | 100    |
| 51) Acenaphthene               | 10.91 | 154  | 49617    | 8.74  | ng    | 99     |
| 54) Dibenzofuran               | 11.13 | 168  | 36569    | 4.46  | ng    | 99     |
| 57) Fluorene                   | 11.55 | 166  | 47436    | 7.04  | ng    | 99     |
| 70) Phenanthrene               | 12.74 | 178  | 627989   | 60.31 | ng    | 99     |
| 71) Anthracene                 | 12.81 | 178  | 173697   | 17.00 | ng    | 99     |
| 72) Carbazole                  | 13.02 | 167  | 45298    | 4.65  | ng    | 98     |
| 74) Fluoranthene               | 14.23 | 202  | 996218   | 91.82 | ng    | 96     |
| 77) Pyrene                     | 14.50 | 202  | 992557   | 86.01 | ng    | 97     |
| 80) Benzo(a)anthracene         | 15.99 | 228  | 560389   | 51.10 | ng    | 97     |
| 82) Chrysene                   | 16.03 | 228  | 468628   | 44.43 | ng    | 97     |
| 83) Bis(2-ethylhexyl)phthalate | 16.05 | 149  | 19329    | 2.53  | ng    | # 91   |
| 85) Indeno(1,2,3-cd)pyrene     | 19.07 | 276  | 350326   | 26.07 | ng    | 94     |
| 87) Benzo(b)fluoranthene       | 17.27 | 252  | 711113m  | 56.21 | ng    |        |
| 88) Benzo(k)fluoranthene       | 17.30 | 252  | 160129m  | 13.07 | ng    |        |
| 89) Benzo(a)pyrene             | 17.65 | 252  | 534755   | 45.91 | ng    | 98     |
| 90) Dibenzo(a,h)anthracene     | 19.09 | 278  | 79946m   | 6.46  | ng    |        |
| 91) Benzo(a,h,i)perylene       | 19.49 | 276  | 355691   | 28.67 | ng    | 97     |

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

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Quant Time: May 20 06:59:55 2015  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 20 05:08:22 2015  
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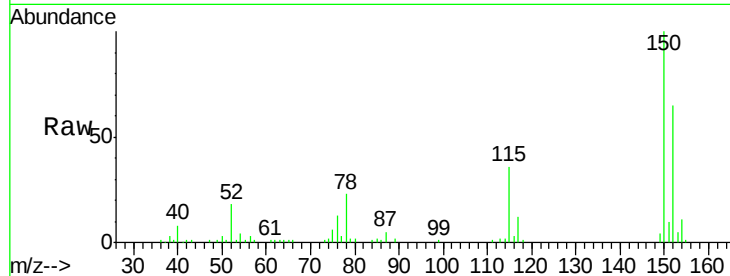




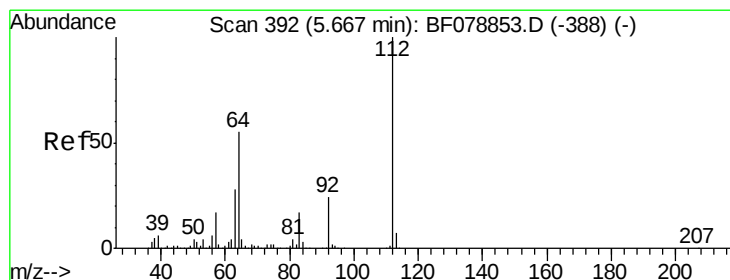
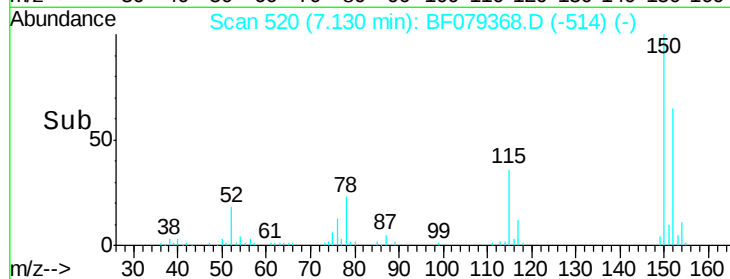
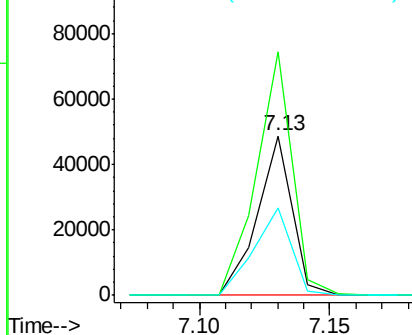
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.13 min Scan# 520  
 Delta R.T. 0.00 min  
 Lab File: BF079368.D  
 Acq: 20 May 2015 5:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-34S

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 152   | Resp: | 45619 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 152.9 | 123.8 | 185.8 |
| 115      | 54.8  | 49.4  | 74.0  |

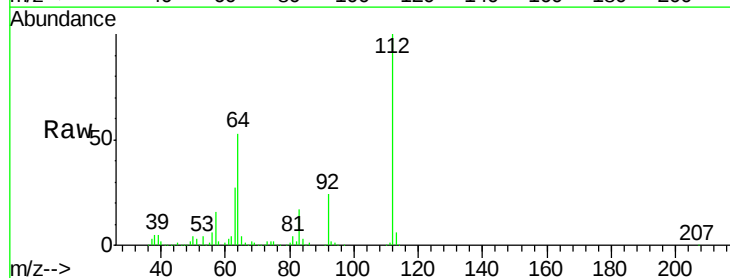


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

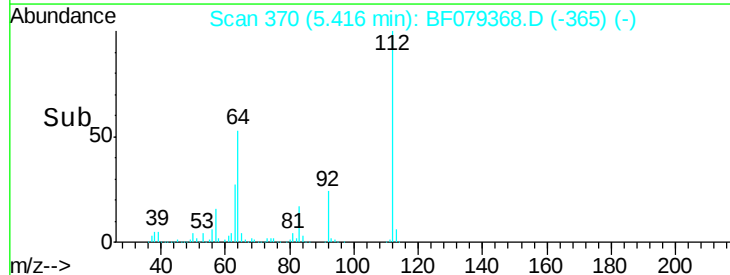
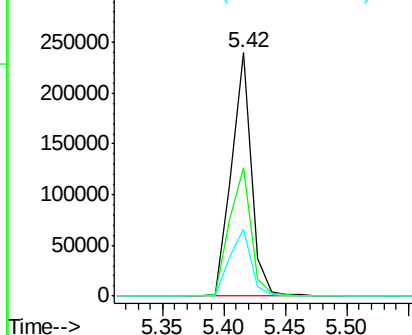


#5  
 2-Fluorophenol  
 Concen: 102.67 ng m  
 RT: 5.42 min Scan# 370  
 Delta R.T. 0.00 min  
 Lab File: BF079368.D  
 Acq: 20 May 2015 5:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 272081 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 52.6  | 44.2  | 66.2   |
| 63       | 27.3  | 22.7  | 34.1   |



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: 101.74 ng

RT: 6.71 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

Instrument :

BNA\_F

ClientSampleId :

SB-34S

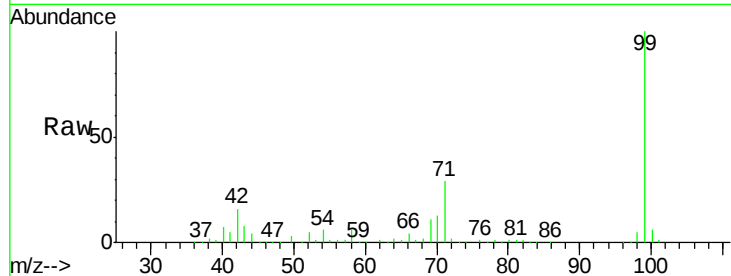
Tot Ion: 99 Resp: 356416

Ion Ratio Lower Upper

99 100

42 15.5 17.1 25.7#

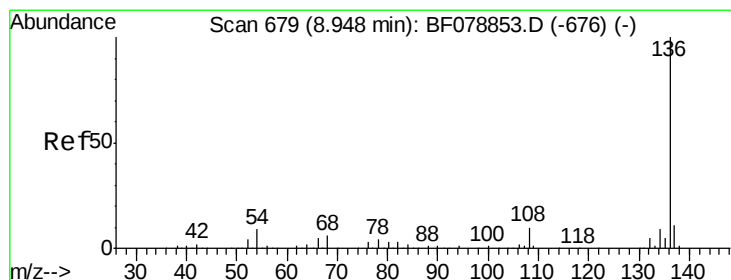
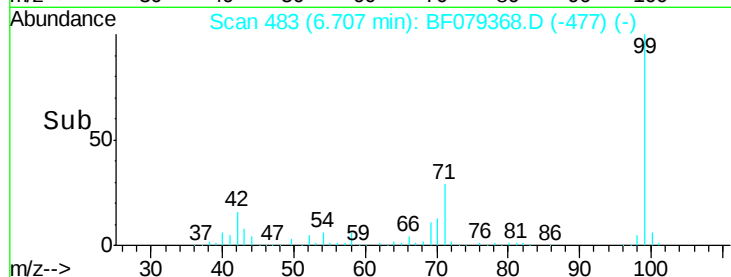
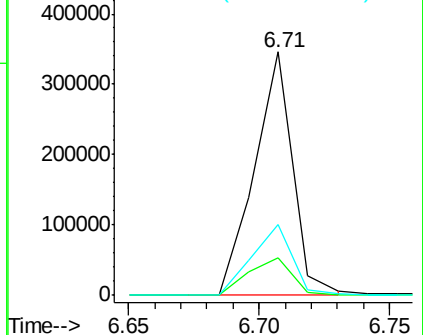
71 29.0 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

Tgt Ion: 136 Resp: 190088

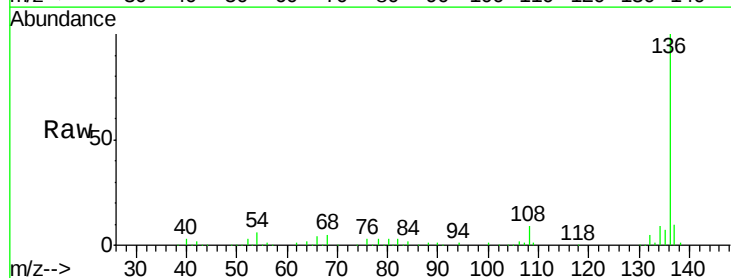
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.3 6.9 10.3#

68 4.7 4.9 7.3#

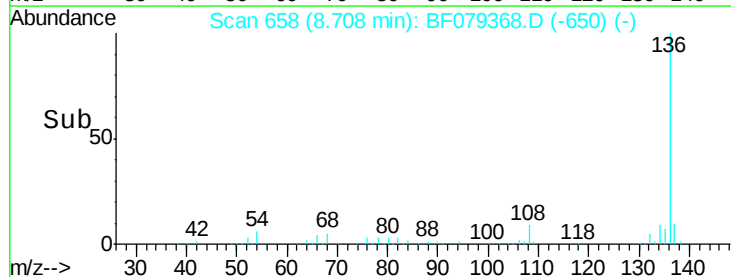
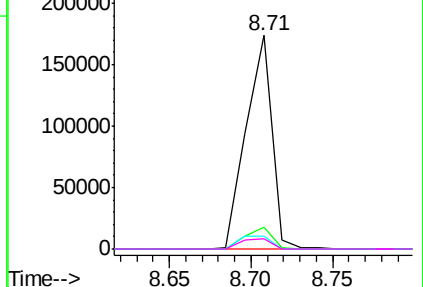


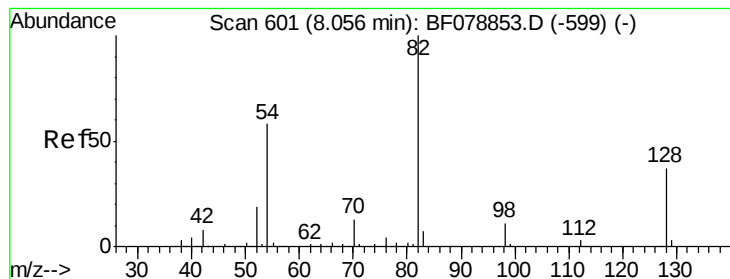
Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.52 ng

RT: 7.82 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

Instrument :

BNA\_F

ClientSampleId :

SB-34S

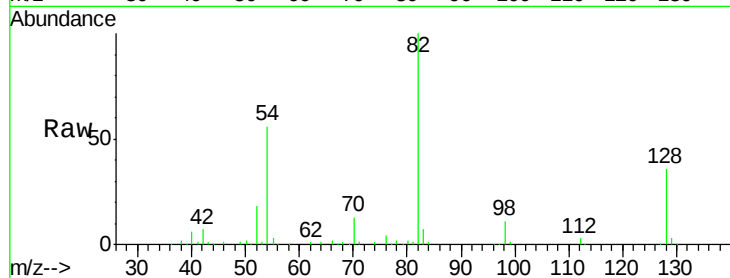
Tot Ion: 82 Resp: 200161

Ion Ratio Lower Upper

82 100

128 36.0 29.7 44.5

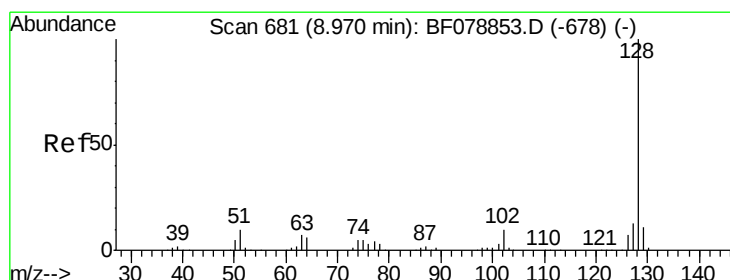
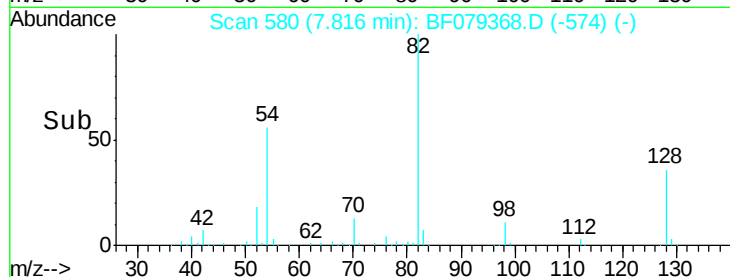
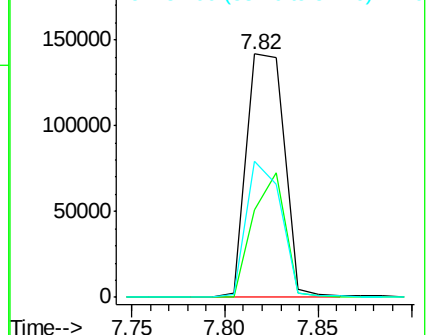
54 56.0 46.2 69.4



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



#31

Naphthalene

Concen: 3.11 ng

RT: 8.73 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

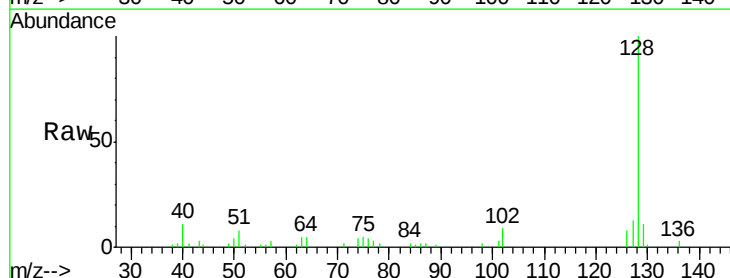
Tgt Ion: 128 Resp: 28201

Ion Ratio Lower Upper

128 100

129 11.0 9.2 13.8

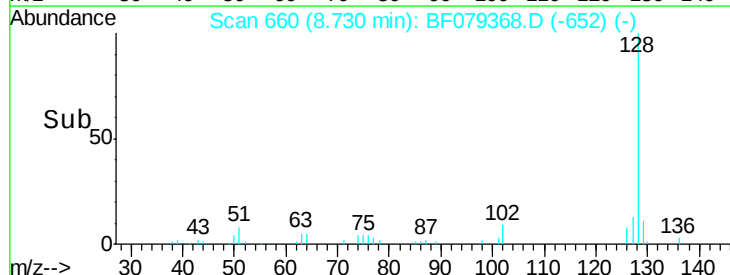
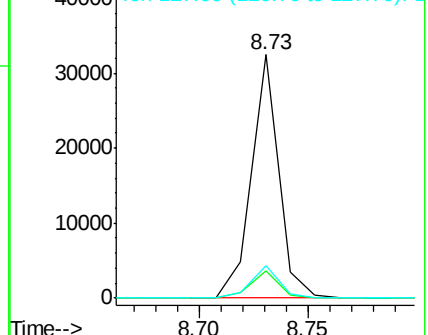
127 13.3 10.3 15.5

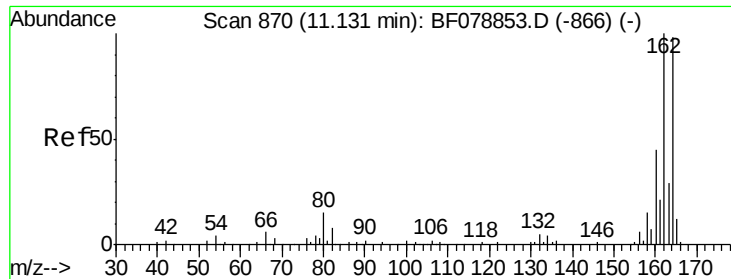


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

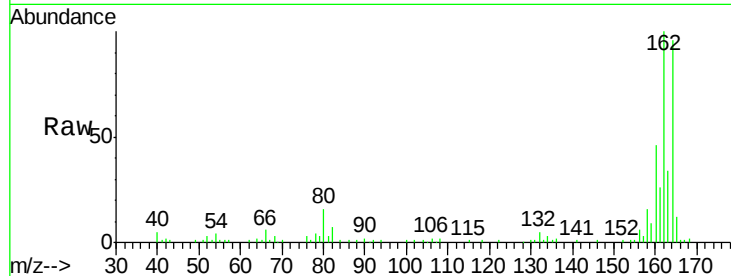




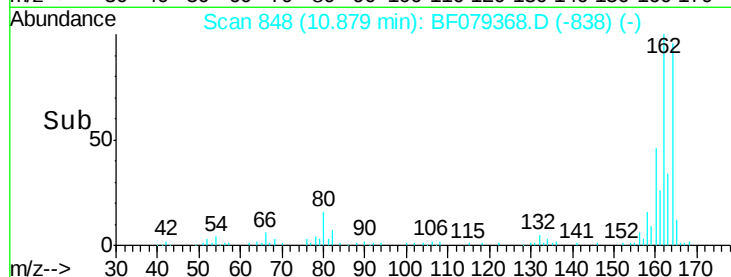
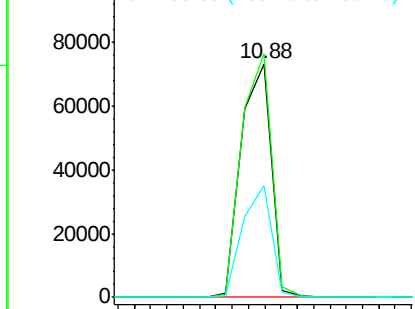
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.88 min Scan# 848  
Delta R.T. 0.00 min  
Lab File: BF079368.D  
Acq: 20 May 2015 5:55

Instrument :  
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SB-34S

Tot Ion:164 Resp: 93550  
Ion Ratio Lower Upper  
164 100  
162 104.3 81.4 122.0  
160 47.9 36.6 54.8

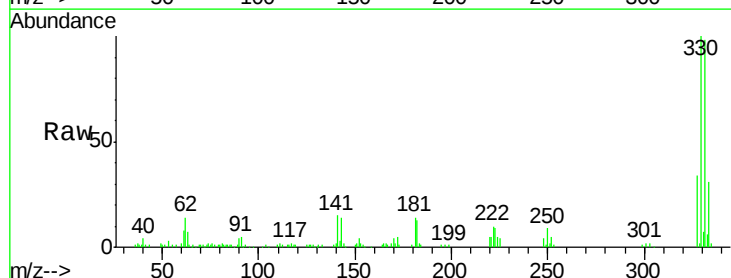


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

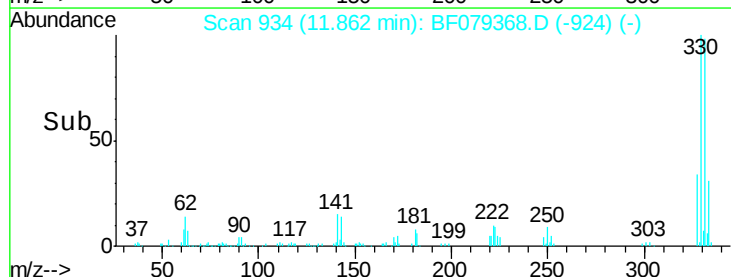
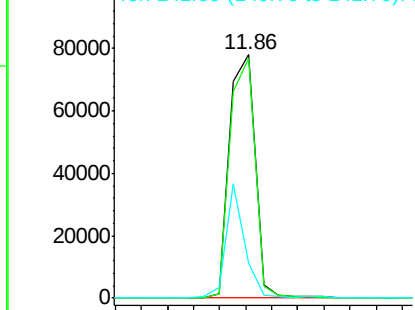


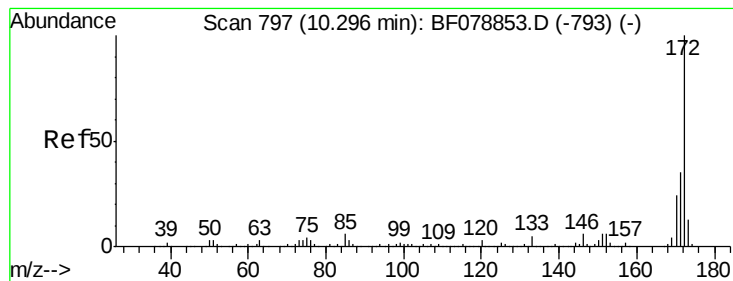
#41  
2,4,6-Tribromophenol  
Concen: 105.54 ng  
RT: 11.86 min Scan# 934  
Delta R.T. 0.00 min  
Lab File: BF079368.D  
Acq: 20 May 2015 5:55

Tgt Ion:330 Resp: 106811  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.9 115.3  
141 35.2 27.8 41.8



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





#44

2-Fluorobiphenyl

Concen: 63.51 ng

RT: 10.06 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

Instrument :

BNA\_F

ClientSampleId :

SB-34S

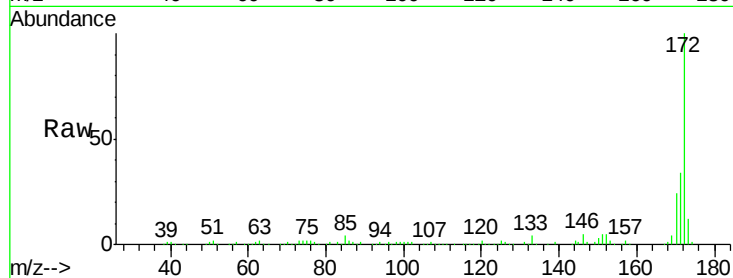
Tot Ion:172 Resp: 426471

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

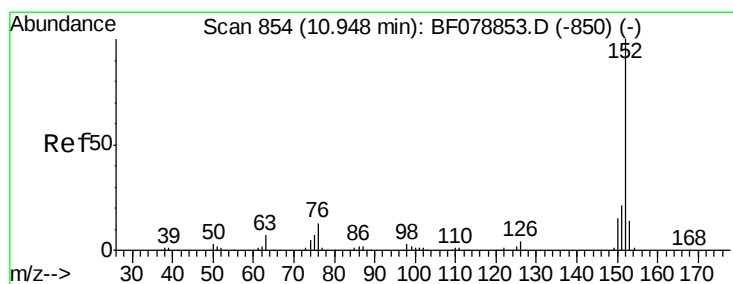
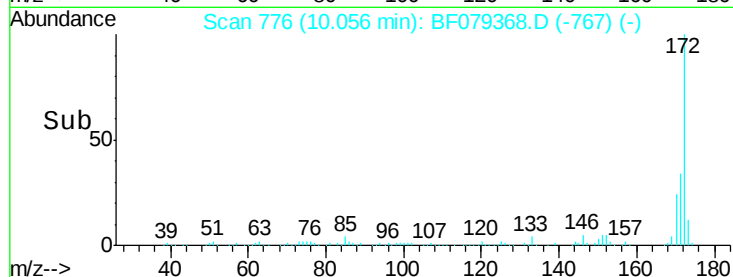
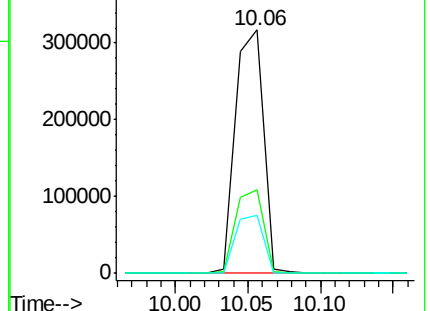
170 23.6 19.4 29.2



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: 2.47 ng

RT: 10.70 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

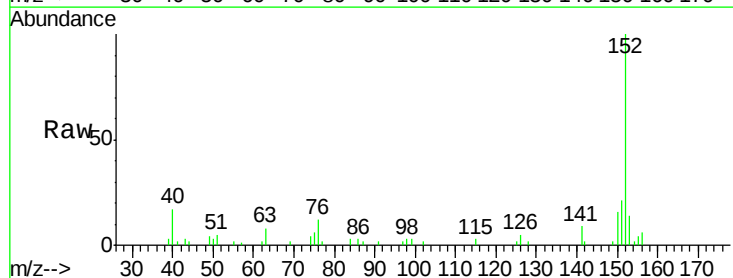
Tgt Ion:152 Resp: 23482

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

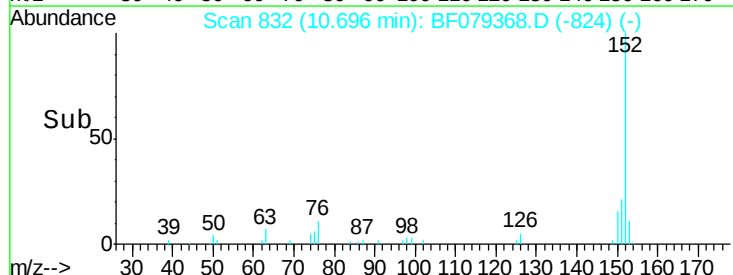
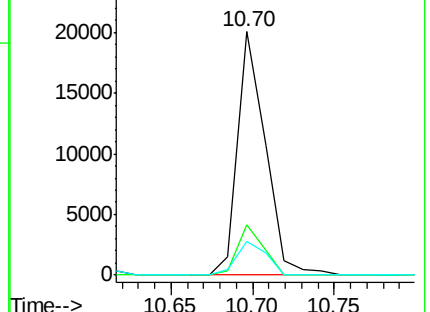
153 13.7 11.0 16.6

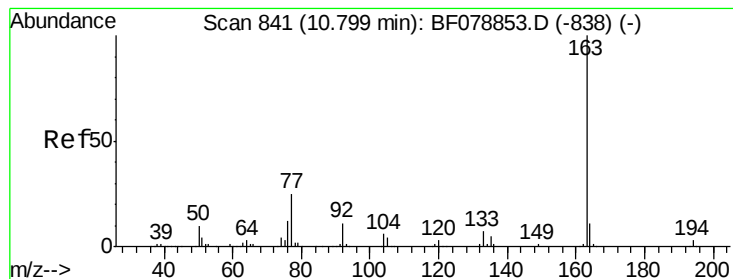


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 3.90 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

Instrument :

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ClientSampleId :

SB-34S

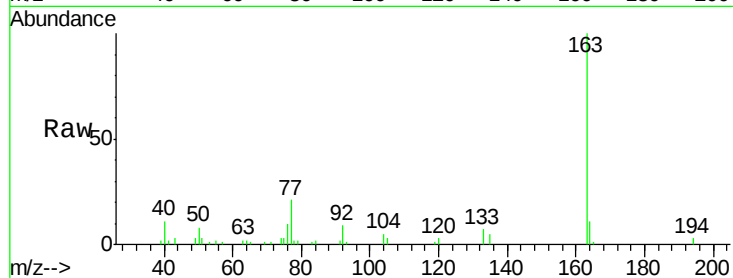
Tot Ion:163 Resp: 26743

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

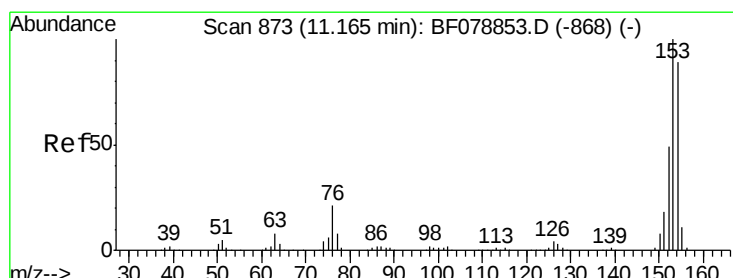
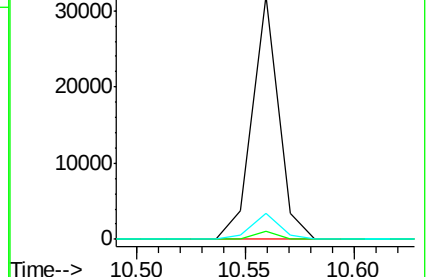
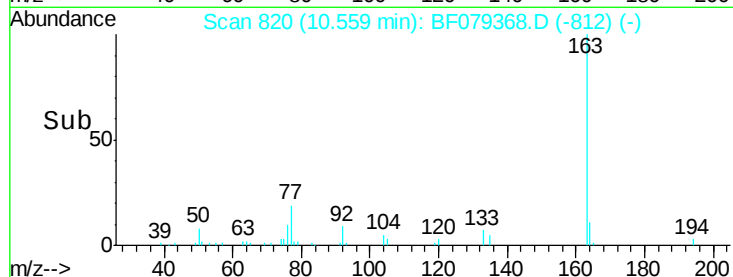
164 10.6 8.6 12.8



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



#51

Acenaphthene

Concen: 8.74 ng

RT: 10.91 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

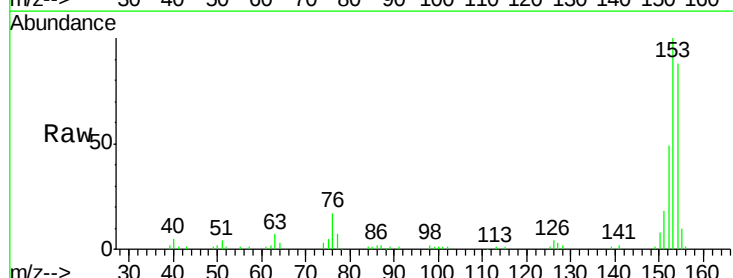
Tgt Ion:154 Resp: 49617

Ion Ratio Lower Upper

154 100

153 113.3 90.2 135.2

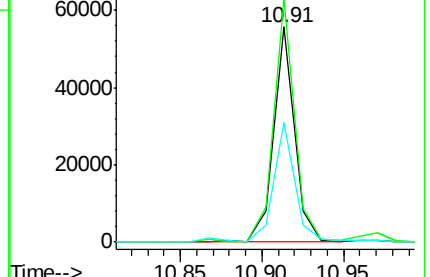
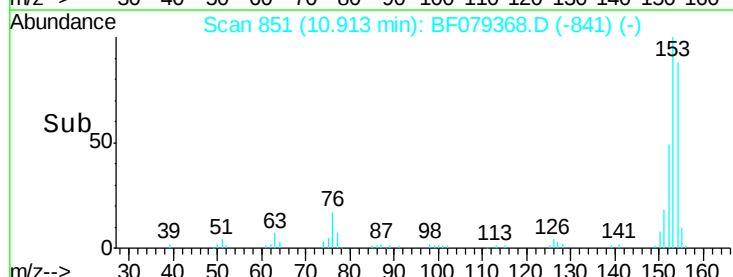
152 55.7 43.8 65.8

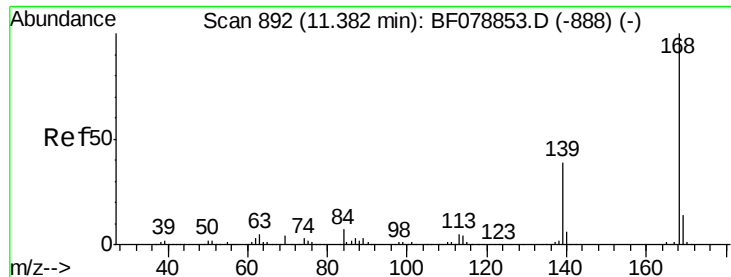


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

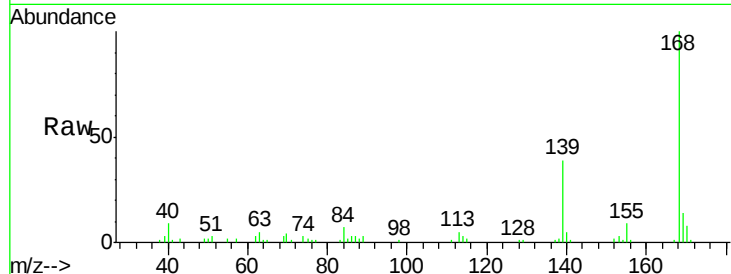




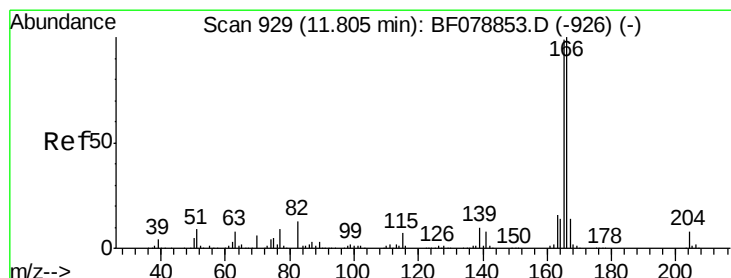
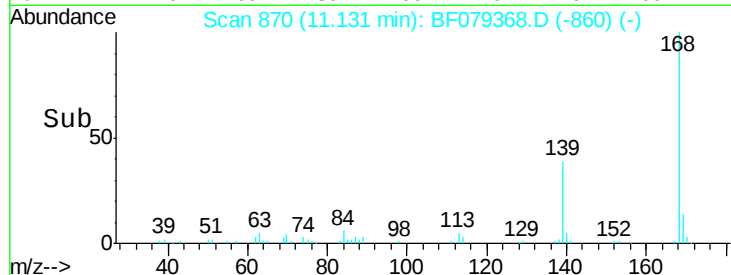
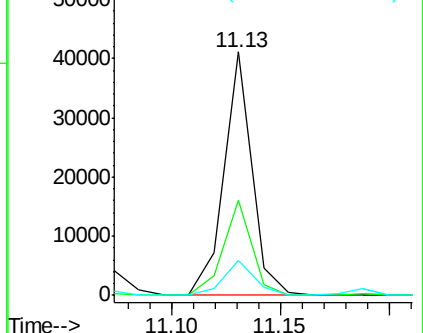
#54  
Dibenzenofuran  
Concen: 4.46 ng  
RT: 11.13 min Scan# 870  
Delta R.T. 0.00 min  
Lab File: BF079368.D  
Acq: 20 May 2015 5:55

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34S

Tot Ion:168 Resp: 36569  
Ion Ratio Lower Upper  
168 100  
139 38.9 31.5 47.3  
169 14.1 11.0 16.4

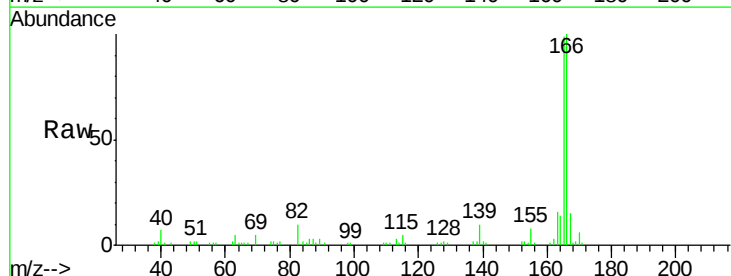


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

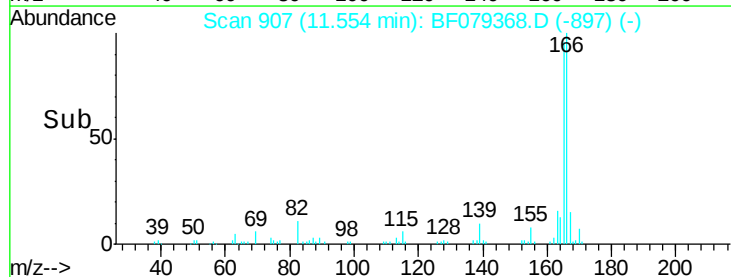
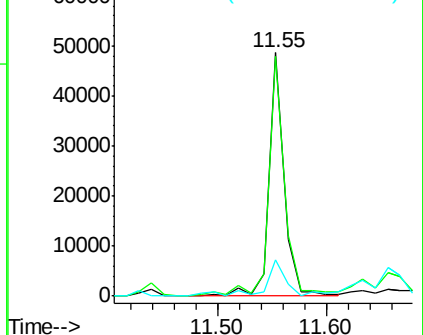


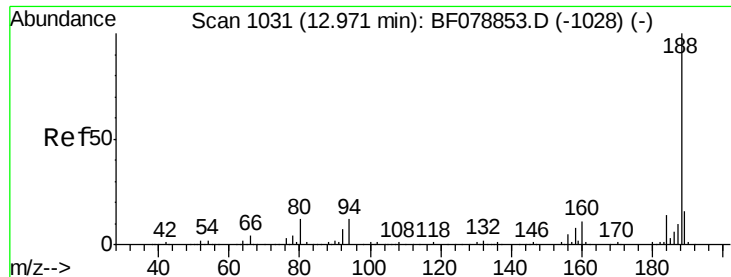
#57  
Fluorene  
Concen: 7.04 ng  
RT: 11.55 min Scan# 907  
Delta R.T. 0.00 min  
Lab File: BF079368.D  
Acq: 20 May 2015 5:55

Tgt Ion:166 Resp: 47436  
Ion Ratio Lower Upper  
166 100  
165 98.6 79.5 119.3  
167 14.8 11.0 16.6



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

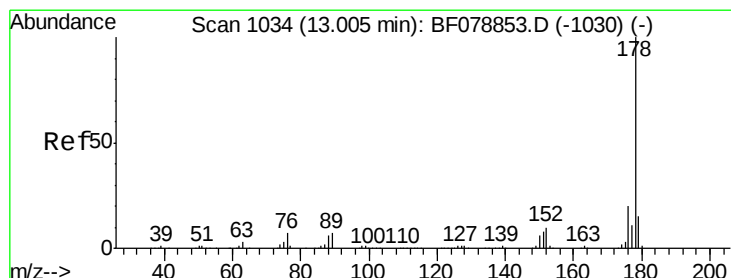
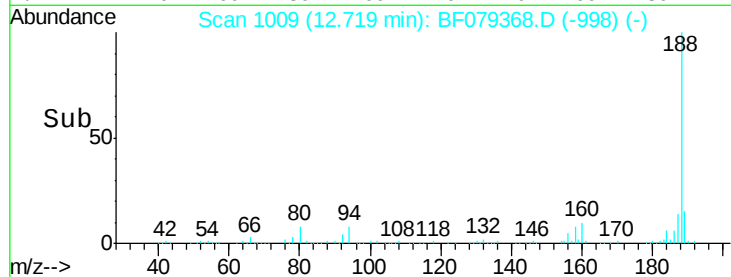
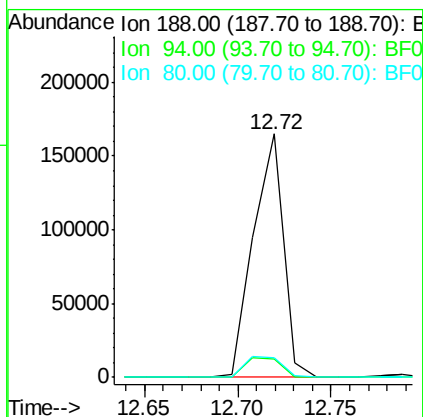
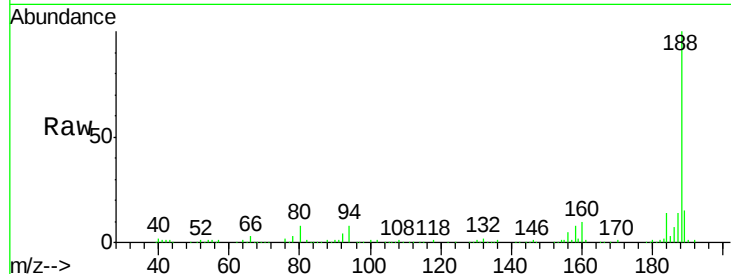




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 12.72 min Scan# 1009  
 Delta R.T. 0.00 min  
 Lab File: BF079368.D  
 Acq: 20 May 2015 5:55

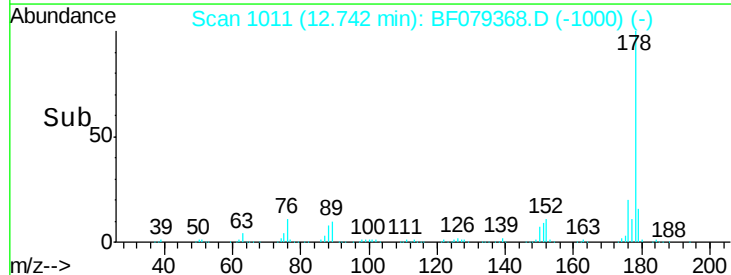
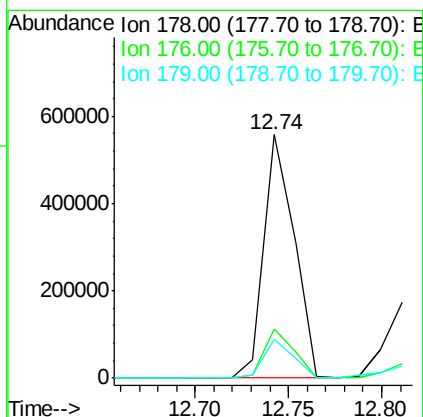
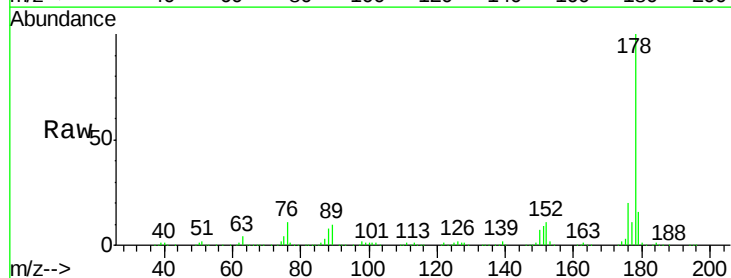
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-34S

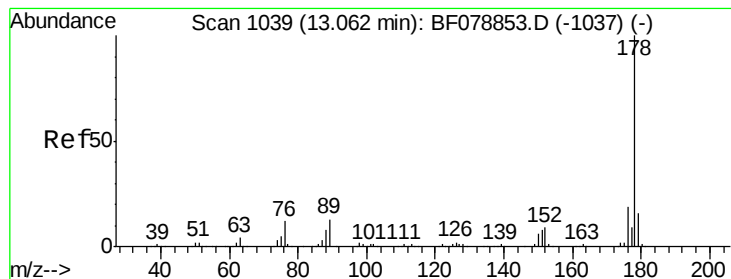
Tot Ion:188 Resp: 186123  
 Ion Ratio Lower Upper  
 188 100  
 94 7.5 9.4 14.0#  
 80 8.0 9.8 14.6#



#70  
 Phenanthrene  
 Concen: 60.31 ng  
 RT: 12.74 min Scan# 1011  
 Delta R.T. 0.00 min  
 Lab File: BF079368.D  
 Acq: 20 May 2015 5:55

Tgt Ion:178 Resp: 627989  
 Ion Ratio Lower Upper  
 178 100  
 176 20.2 15.9 23.9  
 179 15.8 12.2 18.4





#71

Anthracene

Concen: 17.00 ng

RT: 12.81 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

Instrument :

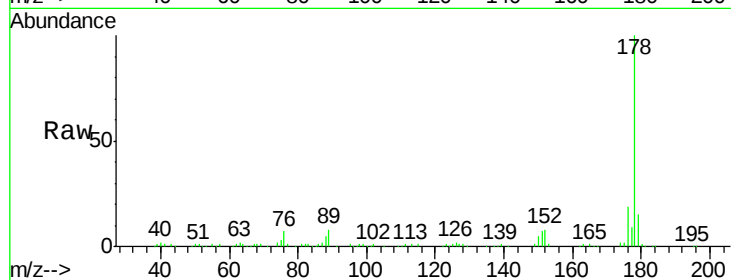
BNA\_F

ClientSampled :

SB-34S

Tot Ion:178 Resp: 173697

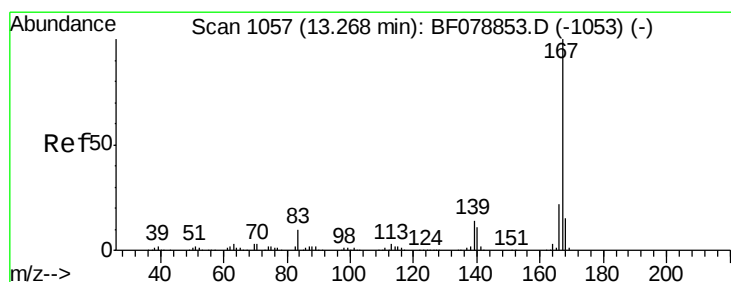
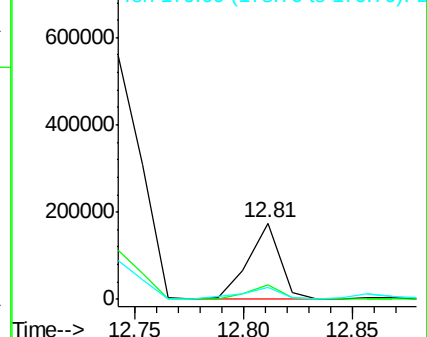
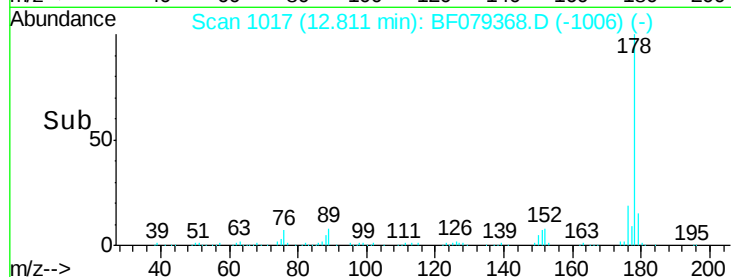
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.6  | 15.3  | 22.9  |
| 179 | 15.4  | 12.6  | 19.0  |



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



#72

Carbazole

Concen: 4.65 ng

RT: 13.02 min Scan# 1035

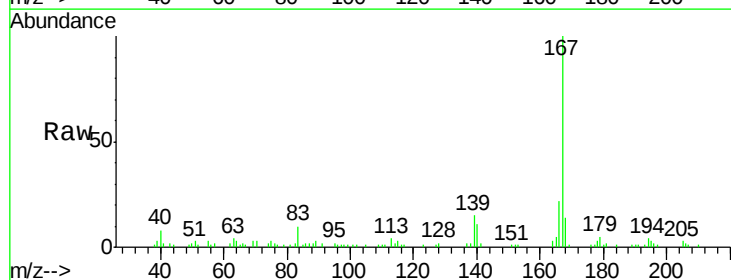
Delta R.T. 0.00 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

Tgt Ion:167 Resp: 45298

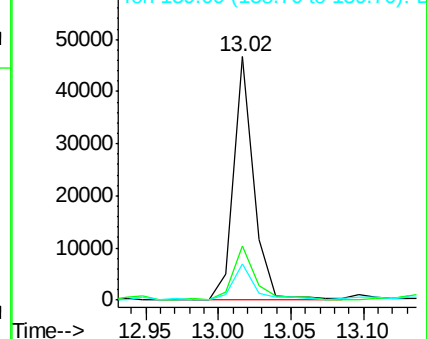
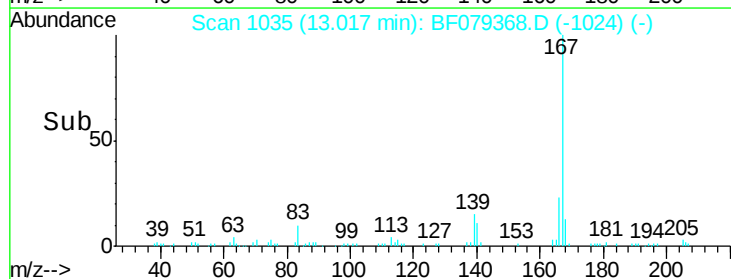
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.3  | 17.5  | 26.3  |
| 139 | 14.8  | 11.0  | 16.4  |

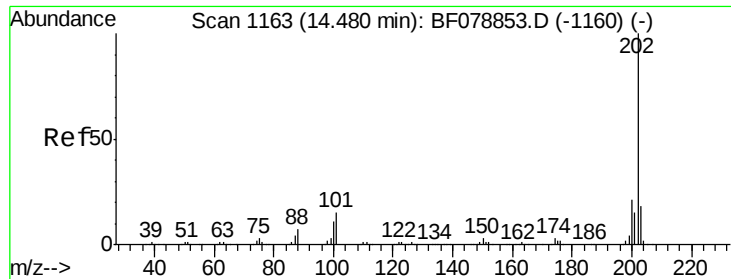


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 91.82 ng

RT: 14.23 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

Instrument :

BNA\_F

ClientSampleId :

SB-34S

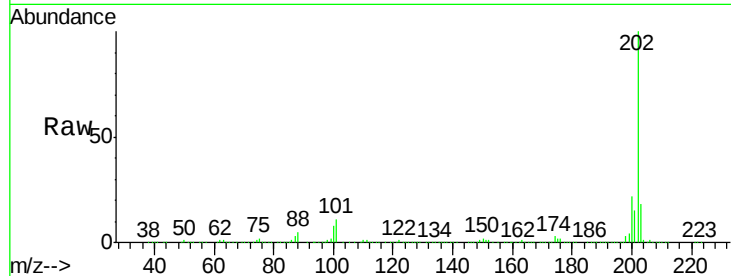
Tot Ion:202 Resp: 996218

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.7

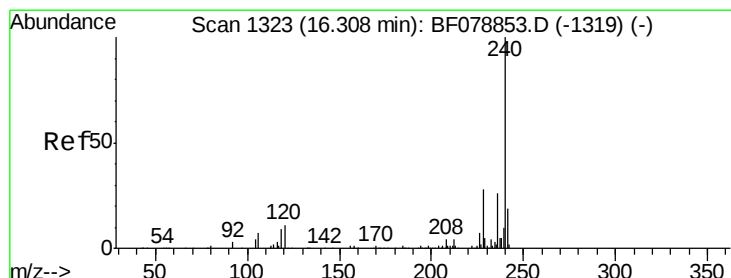
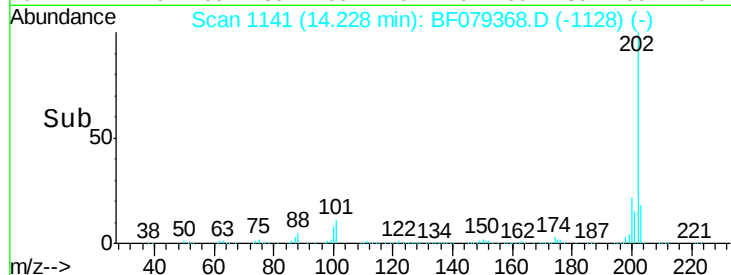
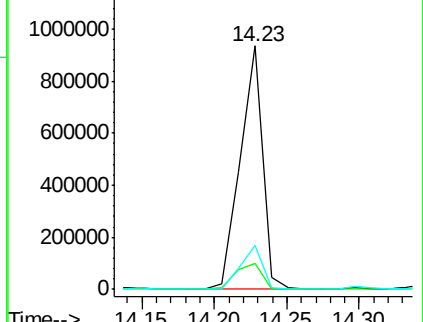
203 18.1 0.0 37.9



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.00 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

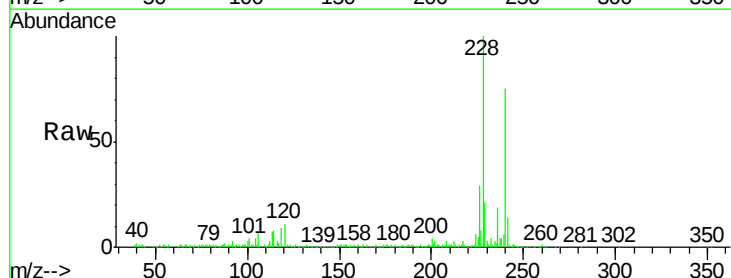
Tgt Ion:240 Resp: 200263

Ion Ratio Lower Upper

240 100

120 14.1 8.6 12.8#

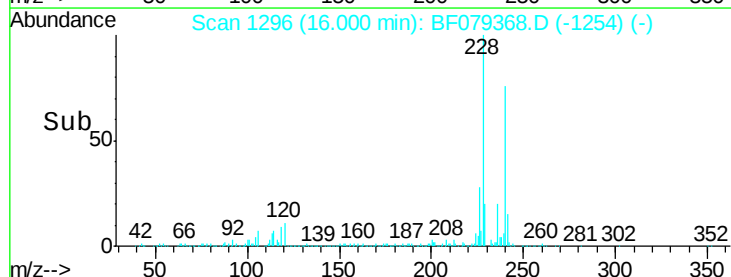
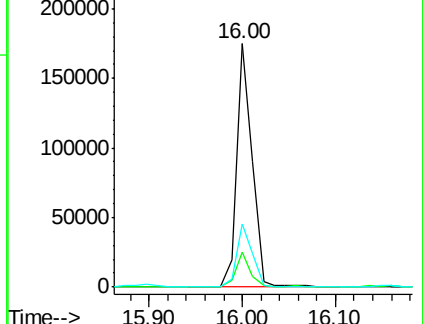
236 25.8 21.0 31.6

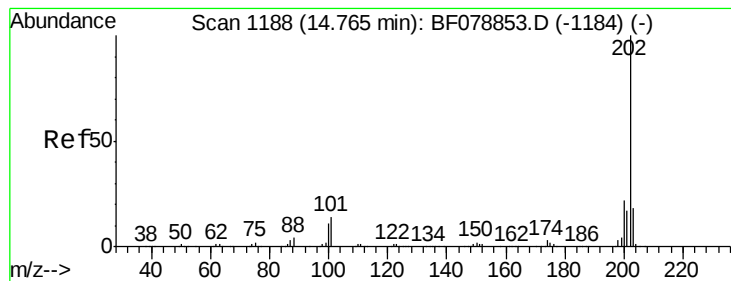


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 86.01 ng

RT: 14.50 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

Instrument :

BNA\_F

ClientSampleId :

SB-34S

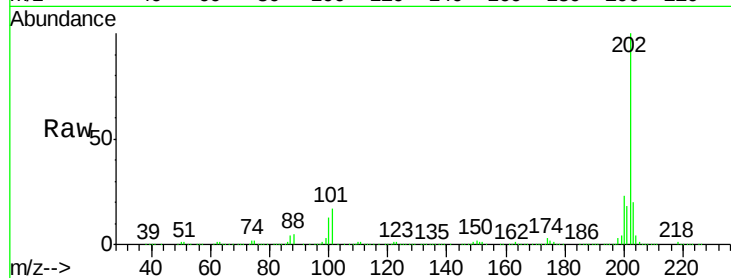
Tot Ion:202 Resp: 992557

Ion Ratio Lower Upper

202 100

200 22.8 17.5 26.3

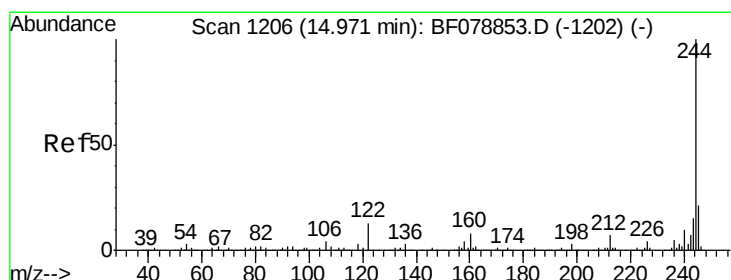
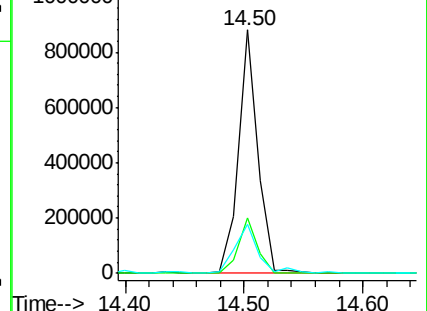
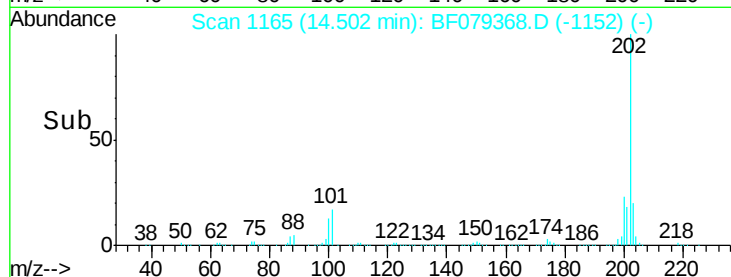
203 19.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 57.93 ng

RT: 14.71 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

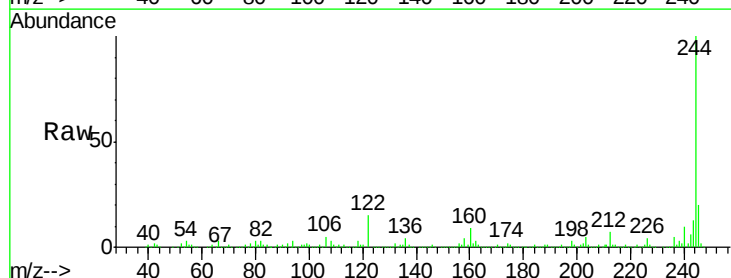
Tgt Ion:244 Resp: 484566

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

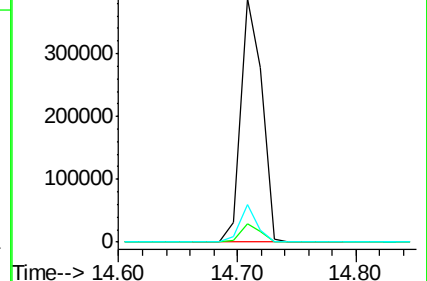
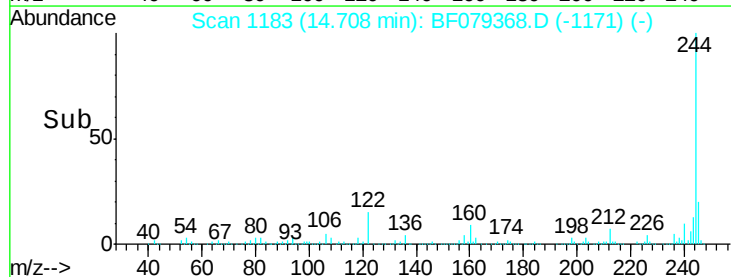
122 15.3 10.5 15.7

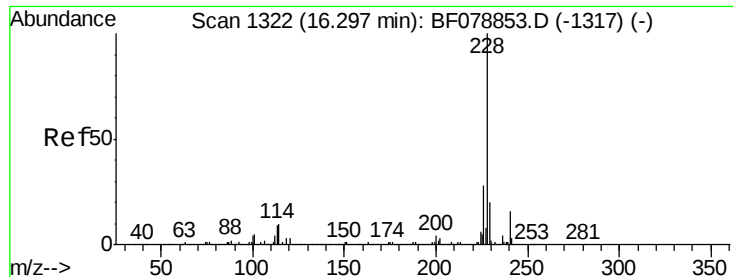


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

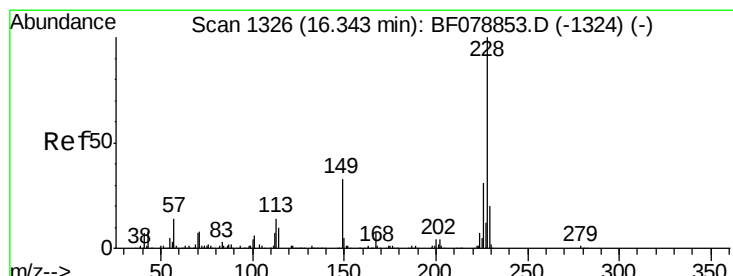
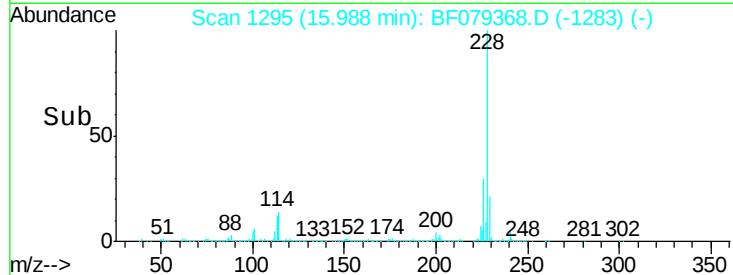
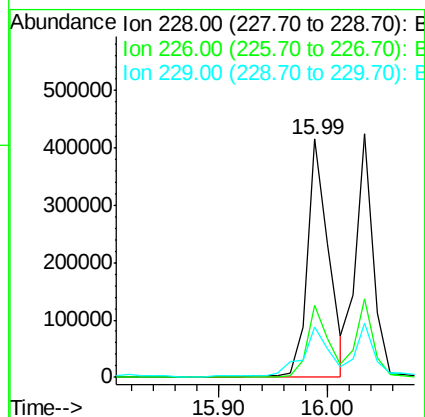
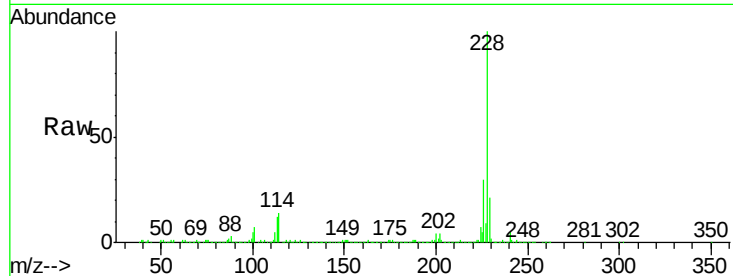




#80  
Benzo(a)anthracene  
Concen: 51.10 ng  
RT: 15.99 min Scan# 1295  
Delta R.T. -0.02 min  
Lab File: BF079368.D  
Acq: 20 May 2015 5:55

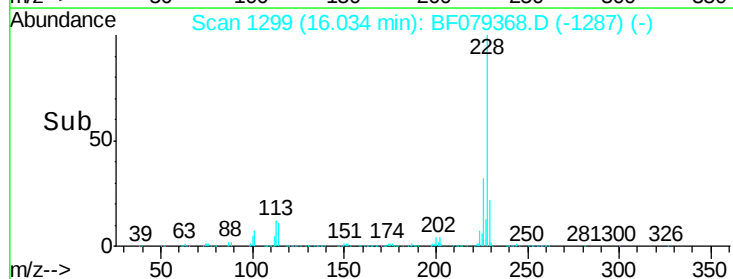
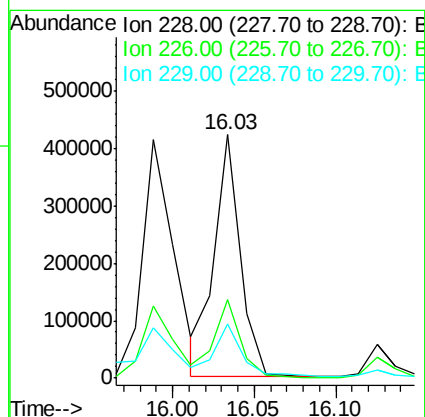
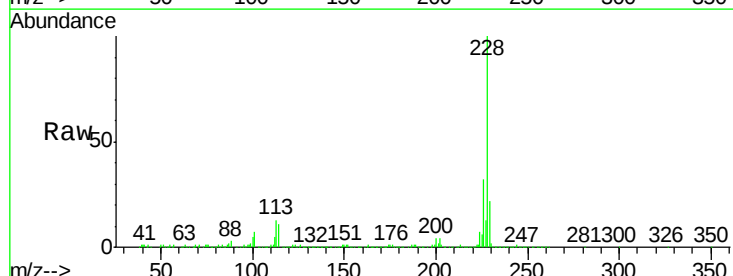
Instrument :  
BNA\_F  
ClientSampleId :  
SB-34S

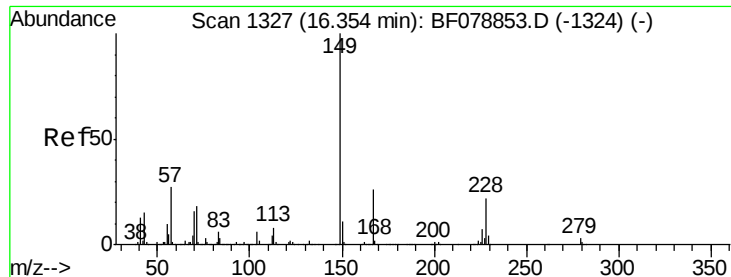
Tot Ion:228 Resp: 560389  
Ion Ratio Lower Upper  
228 100  
226 30.2 22.3 33.5  
229 21.2 16.1 24.1



#82  
Chrysene  
Concen: 44.43 ng  
RT: 16.03 min Scan# 1299  
Delta R.T. -0.02 min  
Lab File: BF079368.D  
Acq: 20 May 2015 5:55

Tgt Ion:228 Resp: 468628  
Ion Ratio Lower Upper  
228 100  
226 32.0 24.8 37.2  
229 22.4 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.53 ng

RT: 16.05 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

Instrument :

BNA\_F

ClientSampleId :

SB-34S

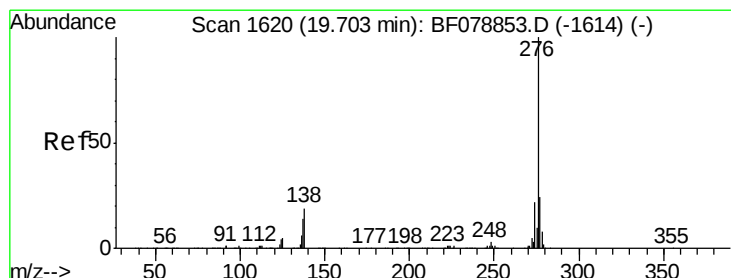
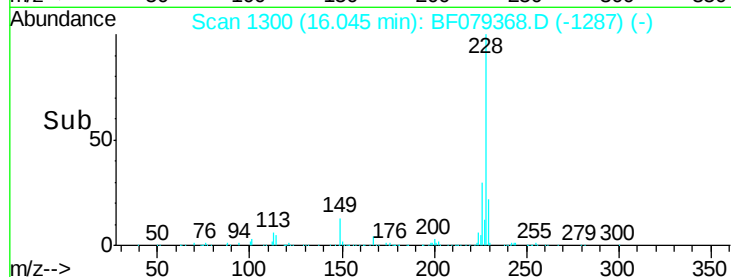
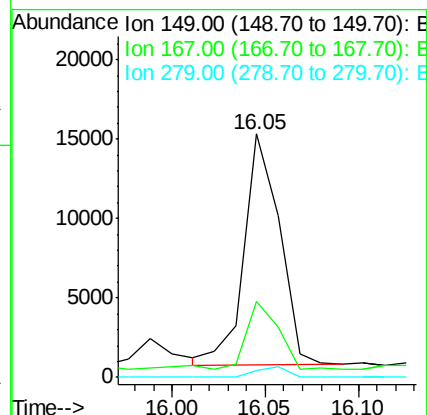
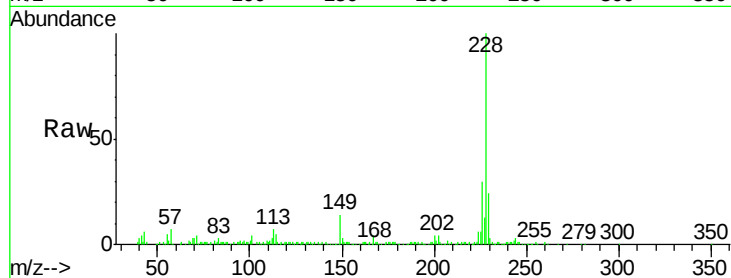
Tot Ion:149 Resp: 19329

Ion Ratio Lower Upper

149 100

167 31.4 21.2 31.8

279 2.6 2.6 4.0#



#85

Indeno(1,2,3-cd)pyrene

Concen: 26.07 ng

RT: 19.07 min Scan# 1565

Delta R.T. -0.14 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

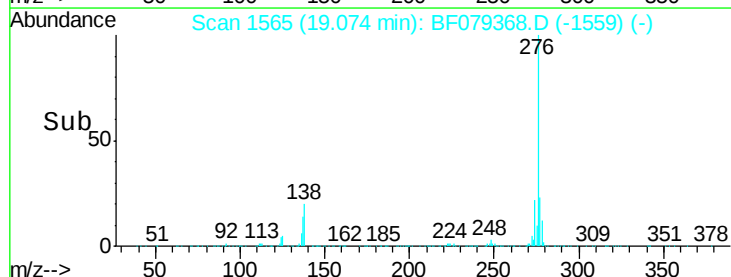
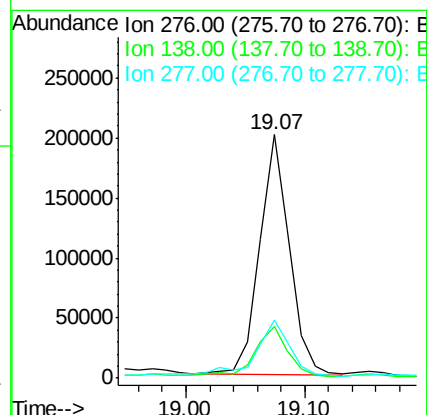
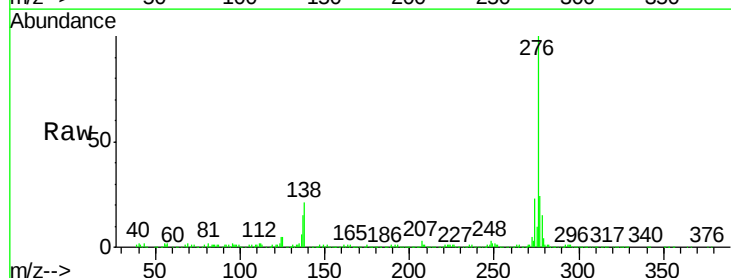
Tgt Ion:276 Resp: 350326

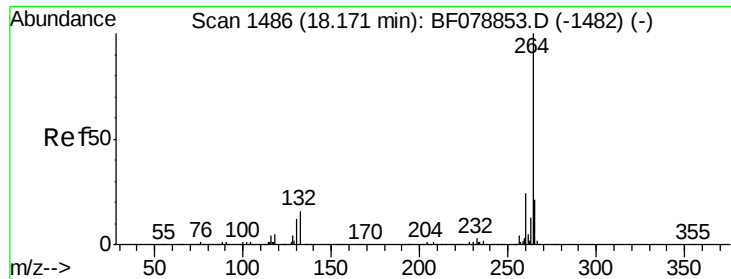
Ion Ratio Lower Upper

276 100

138 22.1 21.1 31.7

277 26.4 19.9 29.9

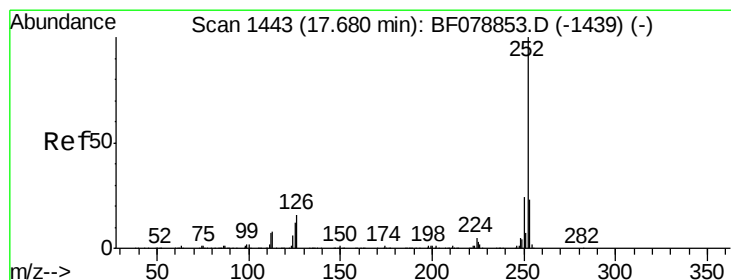
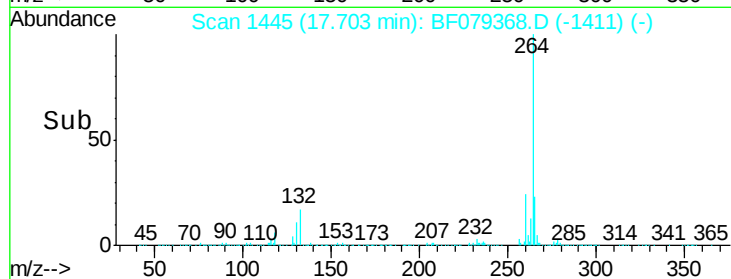
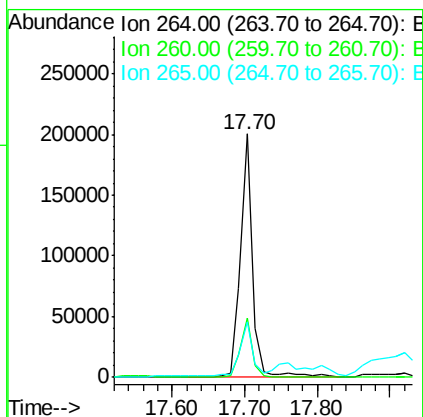
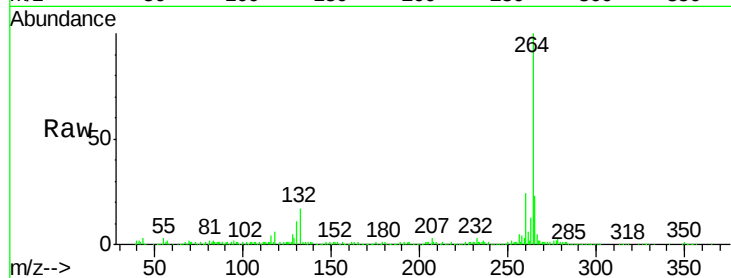




#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 17.70 min Scan# 1445  
Delta R.T. -0.11 min  
Lab File: BF079368.D  
Acq: 20 May 2015 5:55

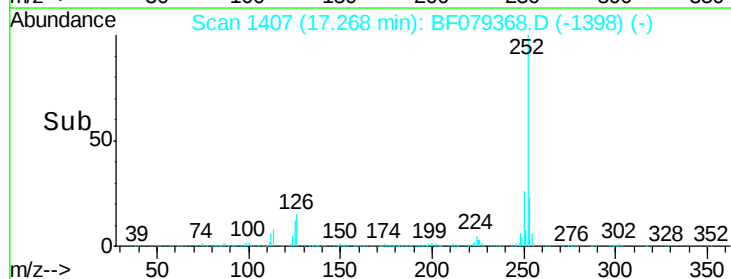
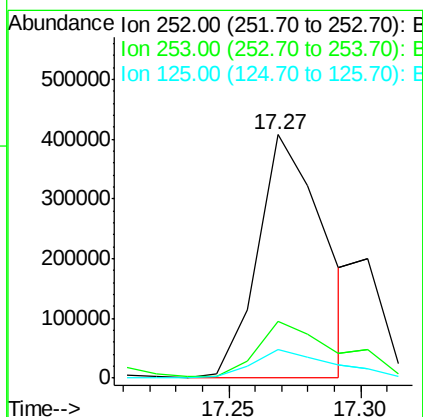
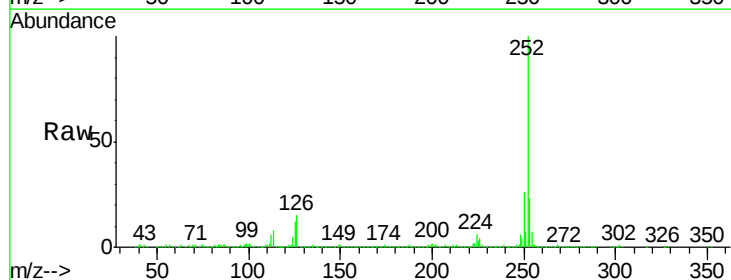
Instrument :  
BNA\_F  
ClientSampleId :  
SB-34S

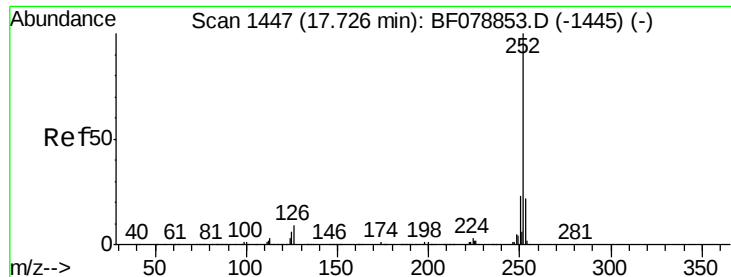
Tot Ion:264 Resp: 231135  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.2 28.8  
265 22.8 17.2 25.8



#87  
Benzo(b)fluoranthene  
Concen: 56.21 ng m  
RT: 17.27 min Scan# 1407  
Delta R.T. -0.08 min  
Lab File: BF079368.D  
Acq: 20 May 2015 5:55

Tgt Ion:252 Resp: 711113  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.1 27.1  
125 11.9 9.4 14.2

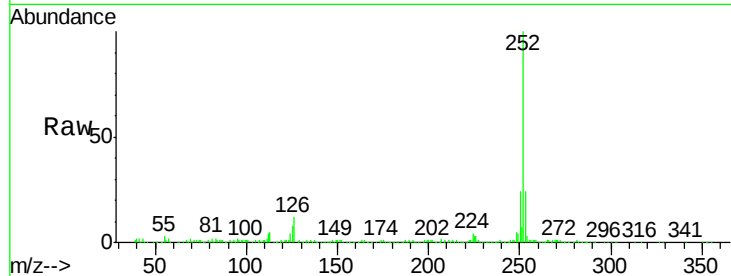




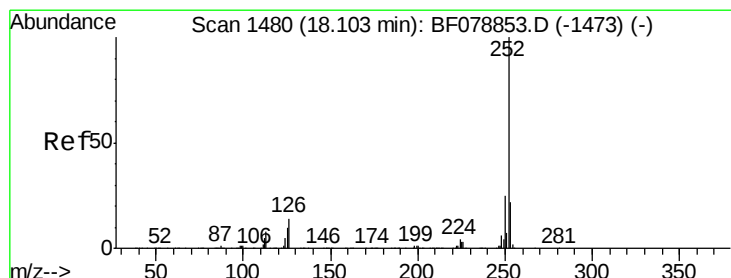
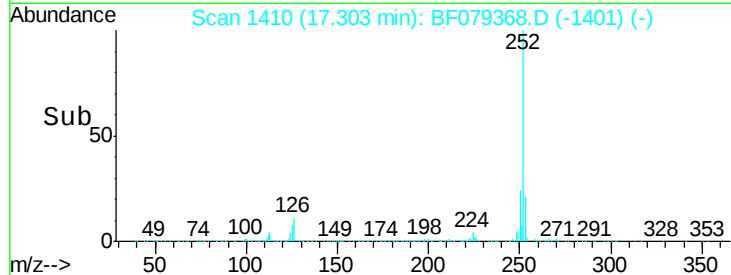
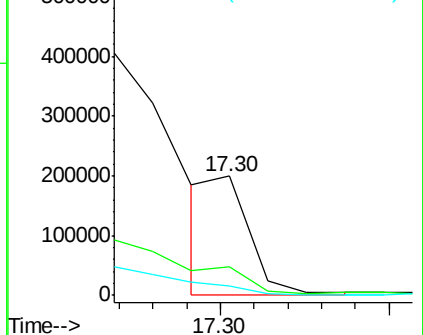
#88  
Benzo(k)fluoranthene  
Concen: 13.07 ng  
RT: 17.30 min Scan# 1410  
Delta R.T. -0.08 min  
Lab File: BF079368.D  
Acq: 20 May 2015 5:55

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34S

Tot Ion:252 Resp: 160129  
Ion Ratio Lower Upper  
252 100  
253 23.9 17.4 26.0  
125 8.1 6.1 9.1

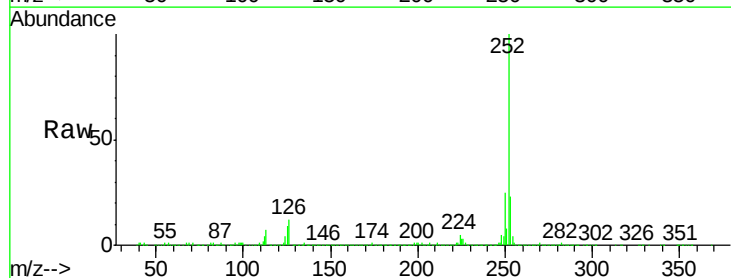


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

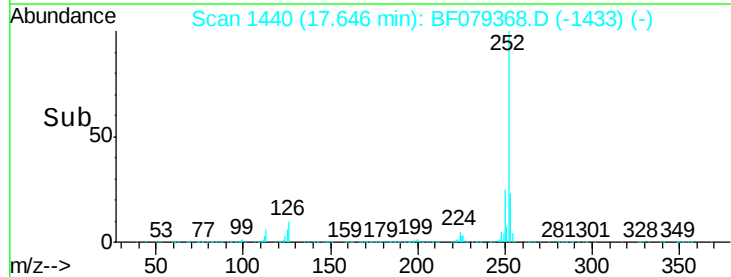
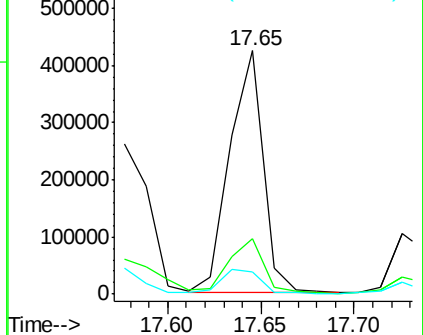


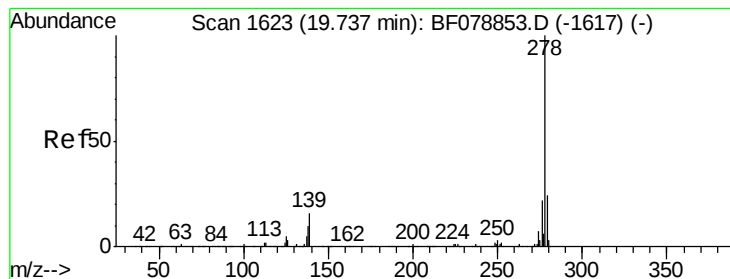
#89  
Benzo(a)pyrene  
Concen: 45.91 ng  
RT: 17.65 min Scan# 1440  
Delta R.T. -0.10 min  
Lab File: BF079368.D  
Acq: 20 May 2015 5:55

Tgt Ion:252 Resp: 534755  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.0 27.0  
125 8.9 8.2 12.2



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





#90

Dibenzo(a,h)anthracene

Concen: 6.46 ng/mL

RT: 19.09 min Scan# 1566

Delta R.T. -0.16 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

Instrument :

BNA\_F

ClientSampled :

SB-34S

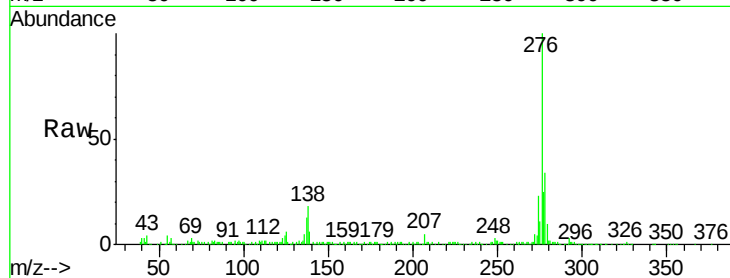
Tot Ion:278 Resp: 79946

Ion Ratio Lower Upper

278 100

139 17.8 13.1 19.7

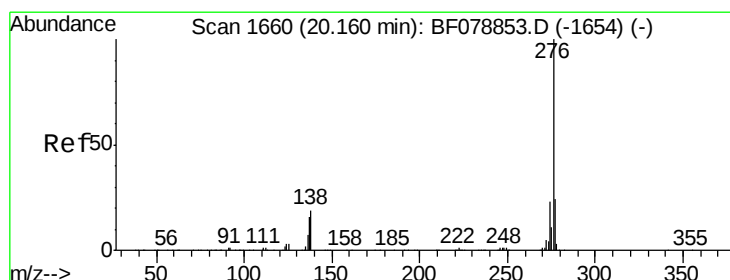
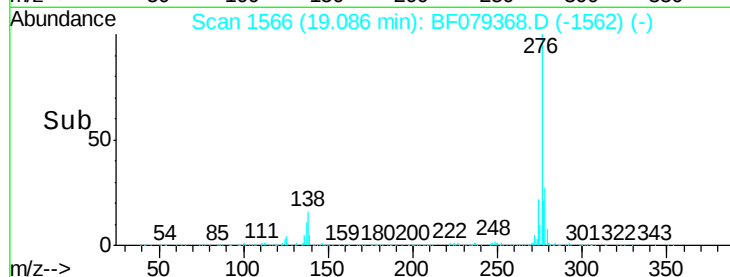
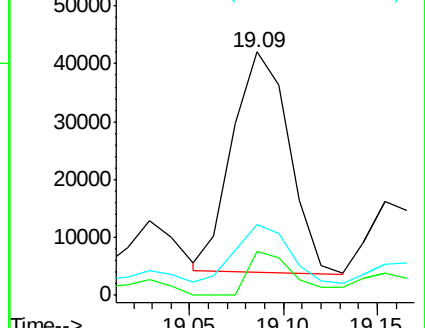
279 29.3 19.1 28.7#



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: 28.67 ng/mL

RT: 19.49 min Scan# 1601

Delta R.T. -0.14 min

Lab File: BF079368.D

Acq: 20 May 2015 5:55

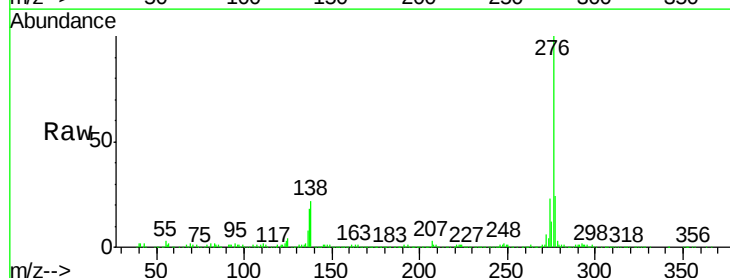
Tgt Ion:276 Resp: 355691

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 21.8 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

