

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\  
 Data File : BF079398.D  
 Acq On : 21 May 2015 00:45  
 Operator : TP/IZ  
 Sample : G2303-05 5X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 10DEPTH

Quant Time: May 21 04:07:41 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 | 0.00  | 152  | 0        | 0.00  | ng    | -7.13    |
| 21) Naphthalene-d8        | 8.67  | 136  | 239127   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 10.85 | 164  | 120856   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 12.69 | 188  | 224100   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 15.97 | 240  | 235362   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 17.73 | 264  | 237549   | 20.00 | ng    | -0.09    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 0.00  | 112  | 0        | 0.00  | ng    |          |
| 7) Phenol-d6                | 0.00  | 99   | 0        | 0.00  | ng    |          |
| 23) Nitrobenzene-d5         | 7.78  | 82   | 48402    | 11.63 | ng    | -0.05    |
| 41) 2,4,6-Tribromophenol    | 11.83 | 330  | 22956    | 17.56 | ng    | -0.03    |
| 44) 2-Fluorobiphenyl        | 10.02 | 172  | 95042    | 10.96 | ng    | -0.03    |
| 78) Terphenyl-d14           | 14.67 | 244  | 114159   | 11.61 | ng    | -0.05    |

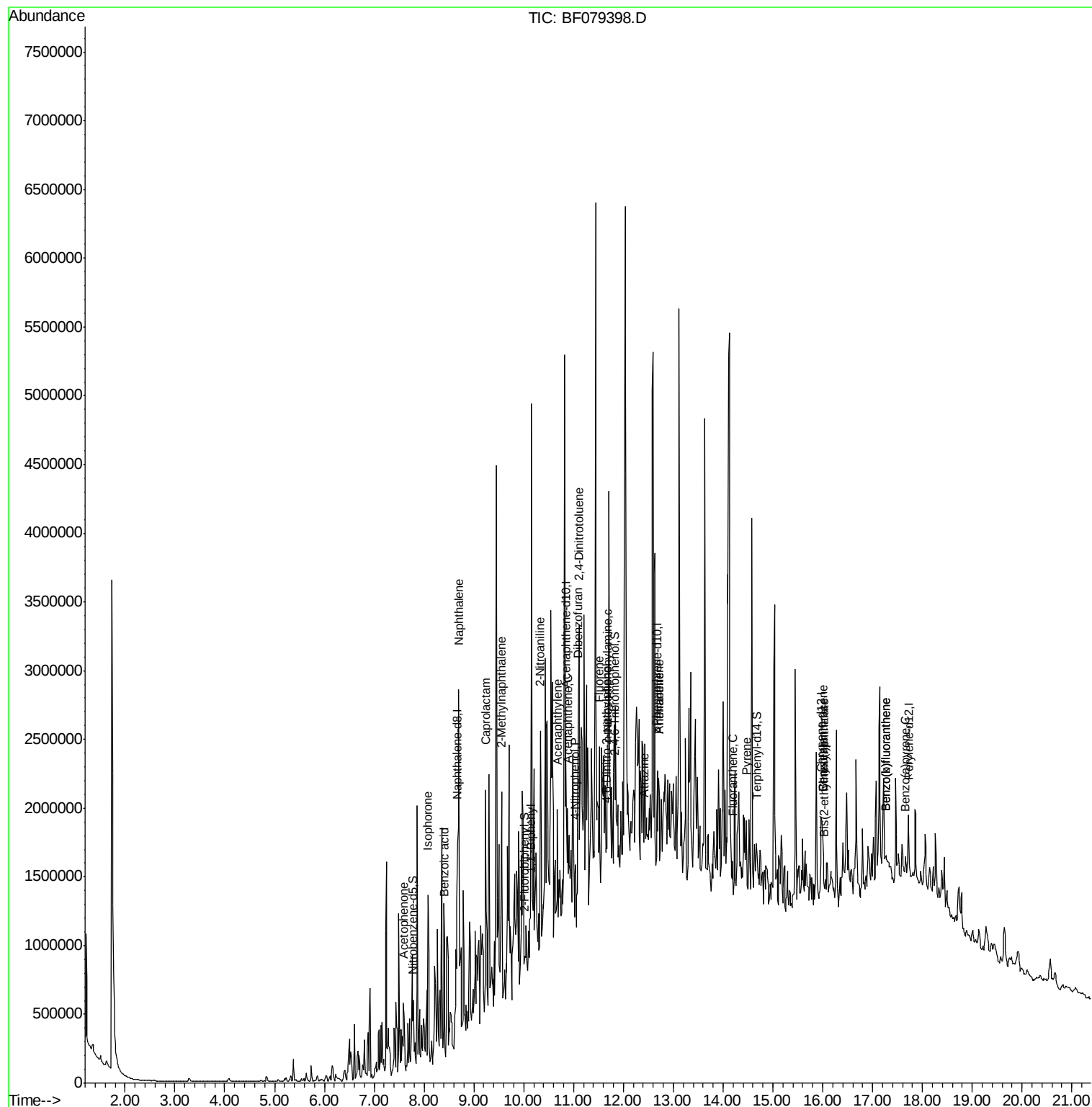
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 22) Acetophenone               | 7.59  | 105  | 94651    | 17.52 | ng    | # 46   |
| 25) Isophorone                 | 8.08  | 82   | 28337    | 3.67  | ng    | # 1    |
| 31) Naphthalene                | 8.70  | 128  | 210042   | 18.43 | ng    | # 91   |
| 32) Benzoic acid               | 8.41  | 122  | 3269     | 7.64  | ng    | # 1    |
| 35) Caprolactam                | 9.23  | 113  | 27517    | 28.02 | ng    | # 1    |
| 37) 2-Methylnaphthalene        | 9.55  | 142  | 421511   | 53.38 | ng    | 97     |
| 45) 1,1'-Biphenyl              | 10.14 | 154  | 76050    | 7.92  | ng    | 97     |
| 47) 2-Nitroaniline             | 10.33 | 65   | 10249    | 4.72  | ng    | # 34   |
| 48) Acenaphthylene             | 10.67 | 152  | 40528    | 3.29  | ng    | # 31   |
| 51) Acenaphthene               | 10.88 | 154  | 56354    | 7.68  | ng    | 94     |
| 54) Dibenzofuran               | 11.10 | 168  | 39838    | 3.76  | ng    | # 16   |
| 55) 4-Nitrophenol              | 11.04 | 139  | 7103     | 4.10  | ng    | # 16   |
| 56) 2,4-Dinitrotoluene         | 11.11 | 165  | 26110    | 11.28 | ng    | # 57   |
| 57) Fluorene                   | 11.52 | 166  | 122917   | 14.13 | ng    | # 89   |
| 64) 4,6-Dinitro-2-methylphenol | 11.66 | 198  | 3886     | 6.88  | ng    | # 1    |
| 65) n-Nitrosodiphenylamine     | 11.68 | 169  | 172123   | 23.06 | ng    | # 41   |
| 68) Atrazine                   | 12.41 | 200  | 4356     | 2.01  | ng    | # 32   |
| 70) Phenanthrene               | 12.71 | 178  | 428781   | 34.20 | ng    | 97     |
| 71) Anthracene                 | 12.71 | 178  | 416067   | 33.83 | ng    | 96     |
| 74) Fluoranthene               | 14.19 | 202  | 52180    | 3.99  | ng    | 78     |
| 77) Pyrene                     | 14.47 | 202  | 238598   | 17.59 | ng    | # 95   |
| 80) Benzo(a)anthracene         | 16.00 | 228  | 334659   | 25.97 | ng    | # 67   |
| 82) Chrysene                   | 16.00 | 228  | 324031   | 26.14 | ng    | # 72   |
| 83) Bis(2-ethylhexyl)phthalate | 16.02 | 149  | 31040    | 3.46  | ng    | # 89   |
| 87) Benzo(b)fluoranthene       | 17.27 | 252  | 44125    | 3.39  | ng    | # 43   |
| 88) Benzo(k)fluoranthene       | 17.27 | 252  | 44125    | 3.51  | ng    | # 42   |
| 89) Benzo(a)pyrene             | 17.66 | 252  | 52412    | 4.38  | ng    | # 50   |

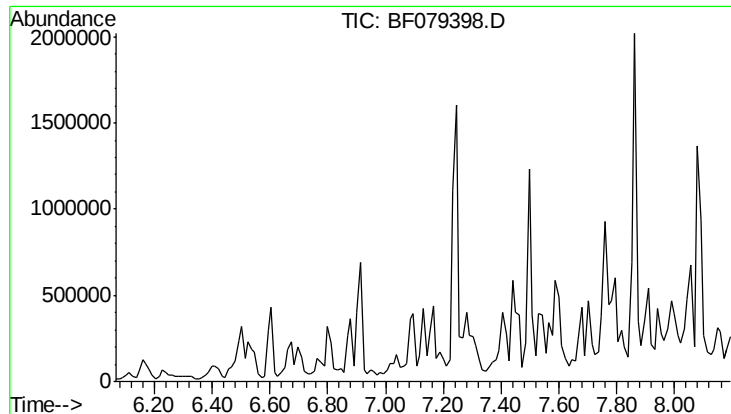
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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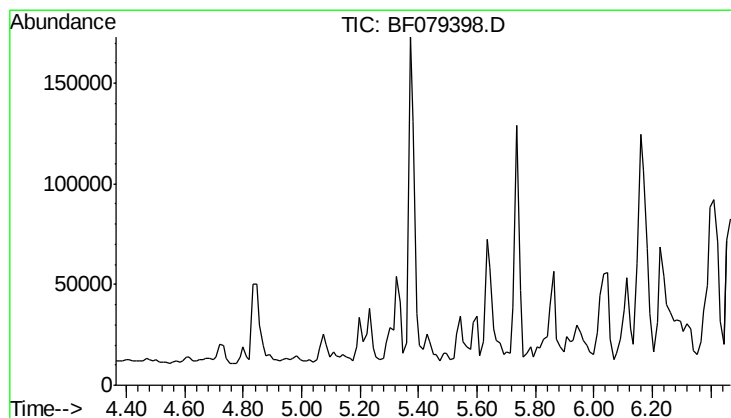
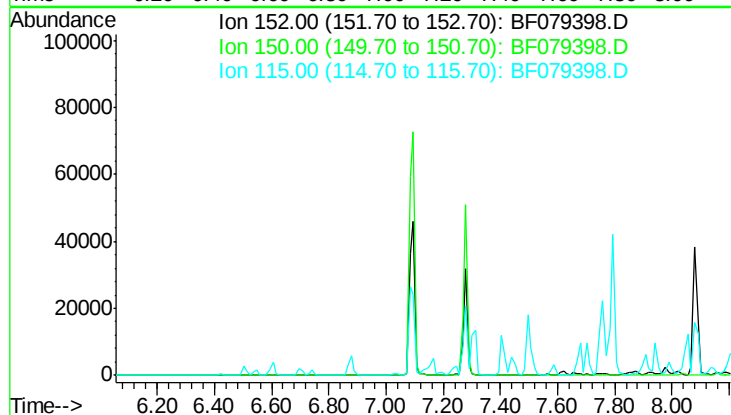




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.00 ng  
 Expected RT: 7.13 min  
 Lab File: BF079398.D  
 Acq: 21 May 2015 00:45

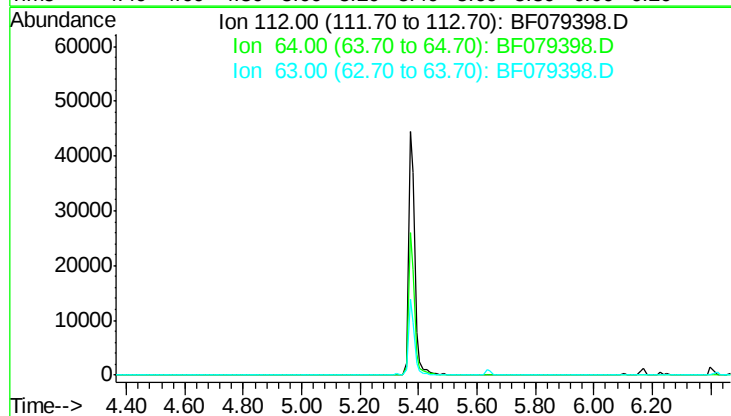
Instrument :  
 BNA\_F  
 ClientSampleId :  
 10DEPTH

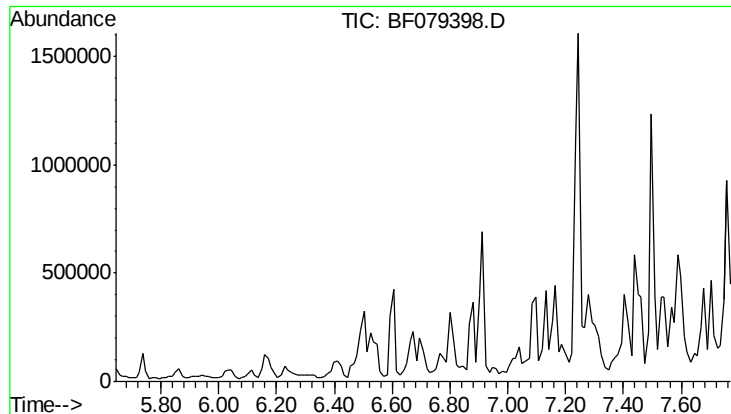
Tot Ion: 152  
 Sig Exp Ratio  
 152 100  
 150 154.8  
 115 61.7



#5  
 2-Fluorophenol  
 Concen: 0.00 ng  
 Expected RT: 5.42 min  
 Lab File: BF079398.D  
 Acq: 21 May 2015 00:45

Tgt Ion: 112  
 Sig Exp Ratio  
 112 100  
 64 55.2  
 63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampleId :

10DEPTH

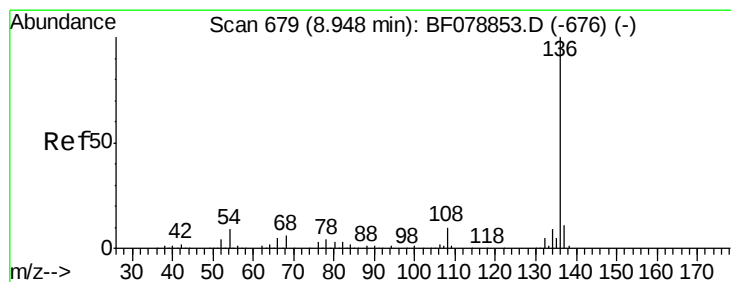
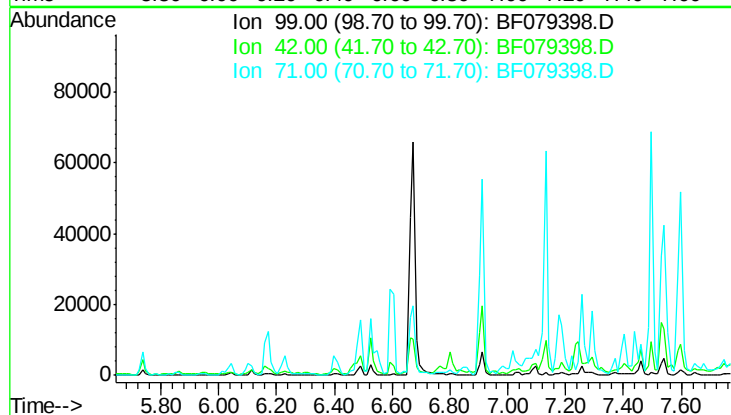
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Tgt Ion:136 Resp: 239127

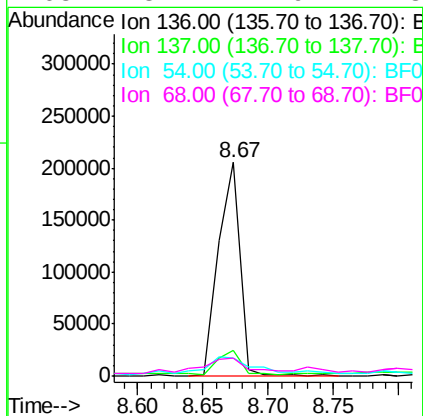
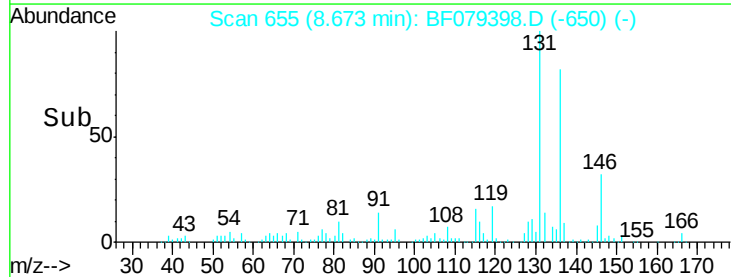
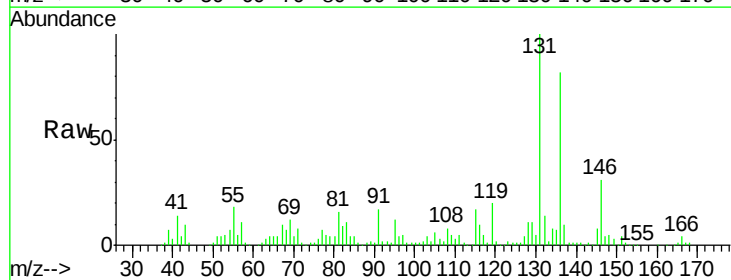
Ion Ratio Lower Upper

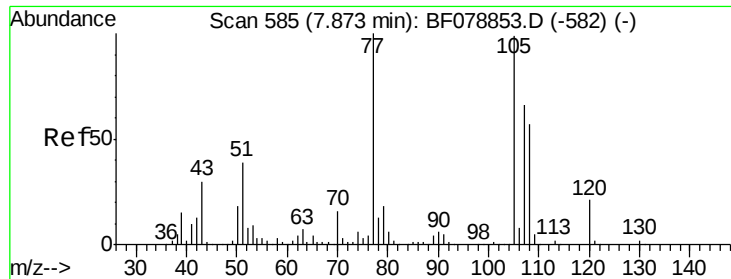
136 100

137 11.8 8.8 13.2

54 8.2 6.9 10.3

68 8.1 4.9 7.3#





#22

Acetophenone

Concen: 17.52 ng

RT: 7.59 min Scan# 560

Delta R.T. -0.06 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampled :

10DEPTH

Tot Ion:105 Resp: 94651

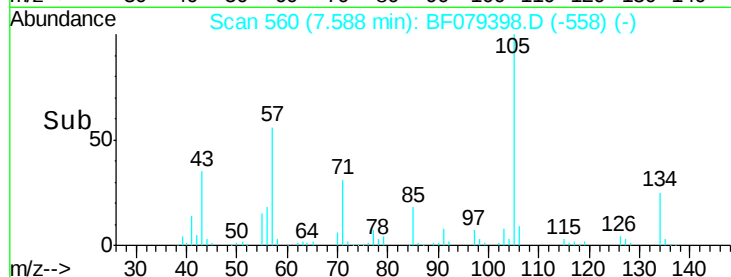
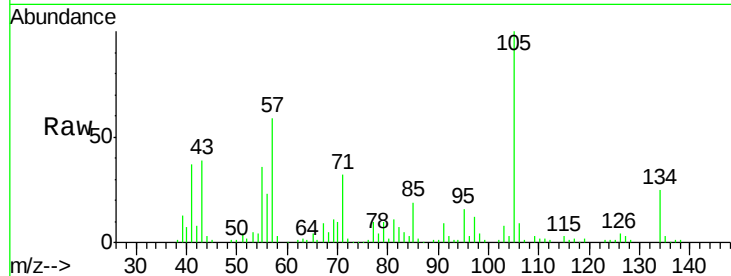
Ion Ratio Lower Upper

105 100

71 32.2 2.2 3.4#

51 4.4 31.1 46.7#

120 0.0 16.7 25.1#

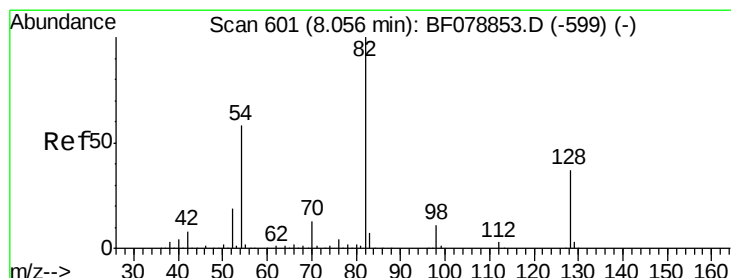
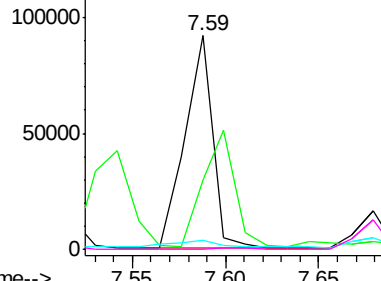


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 11.63 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.05 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

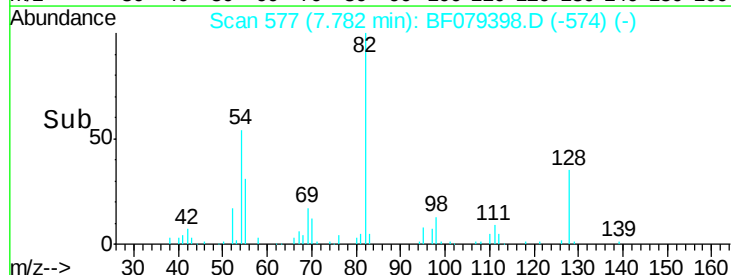
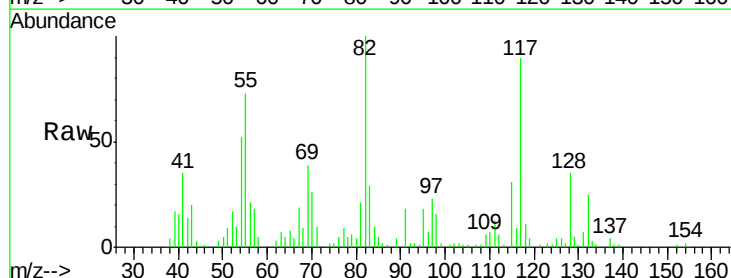
Tgt Ion: 82 Resp: 48402

Ion Ratio Lower Upper

82 100

128 35.3 29.7 44.5

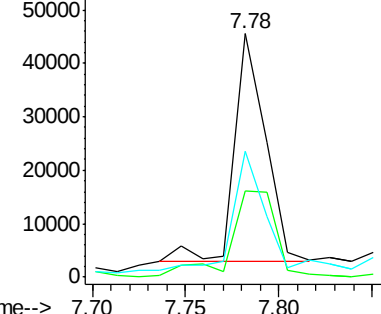
54 51.7 46.2 69.4

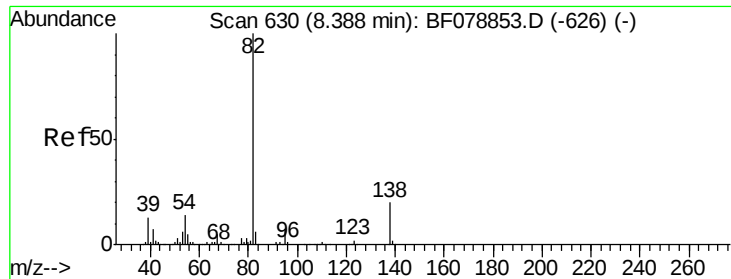


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 3.67 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.07 min

Lab File: BF079398.D

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Instrument :

BNA\_F

ClientSampleId :

10DEPTH

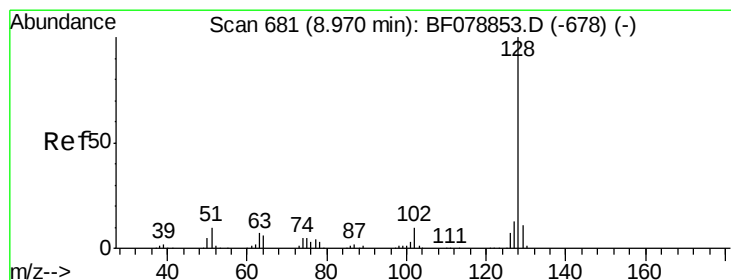
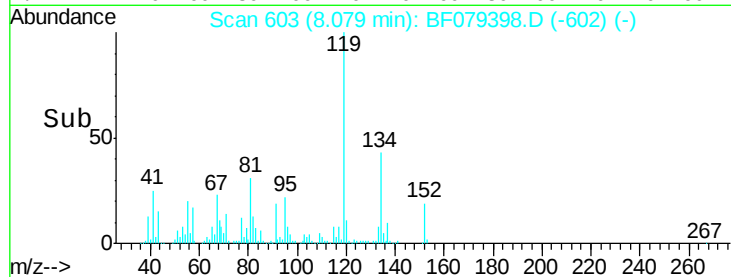
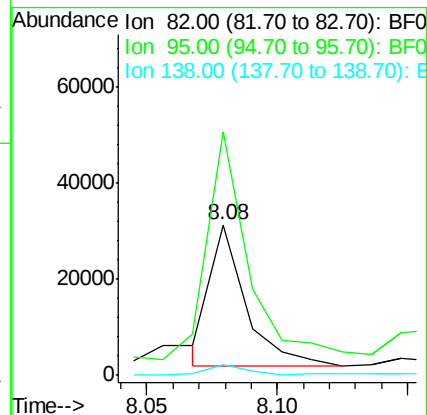
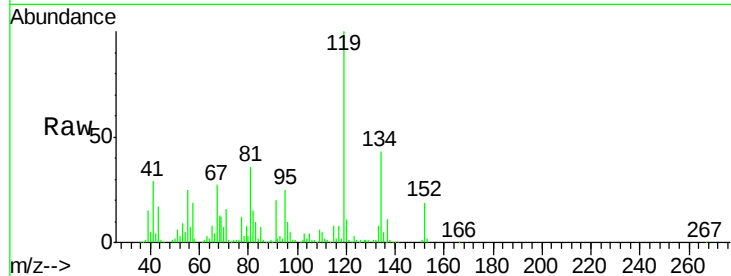
Tot Ion: 82 Resp: 28337

Ion Ratio Lower Upper

82 100

95 161.4 5.4 8.2#

138 7.0 16.1 24.1#



#31

Naphthalene

Concen: 18.43 ng

RT: 8.70 min Scan# 657

Delta R.T. -0.03 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

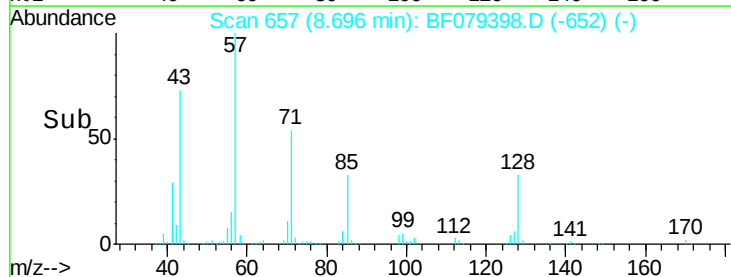
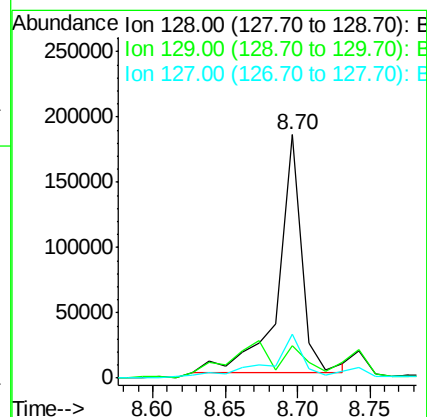
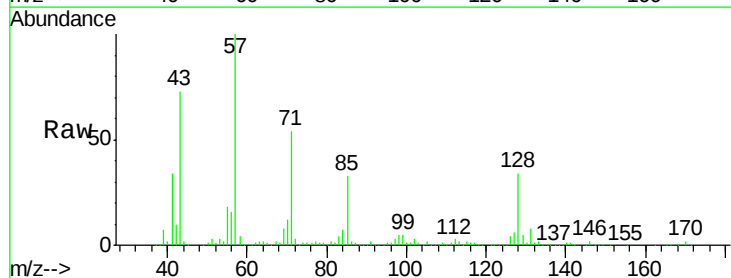
Tgt Ion: 128 Resp: 210042

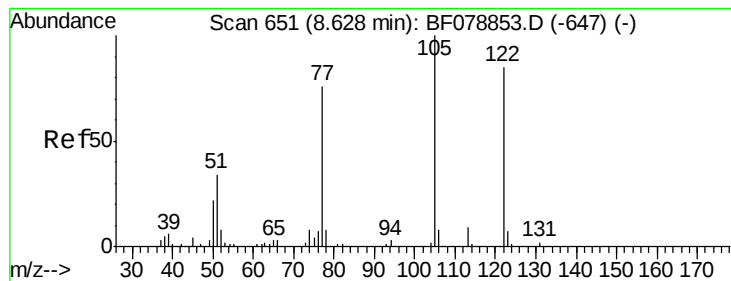
Ion Ratio Lower Upper

128 100

129 13.2 9.2 13.8

127 18.1 10.3 15.5#





#32

Benzoic acid

Concen: 7.64 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.03 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampleId :

10DEPTH

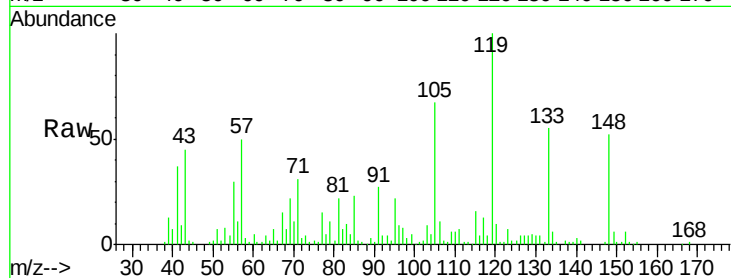
Tot Ion:122 Resp: 3269

Ion Ratio Lower Upper

122 100

105 5504.1 100.7 140.7#

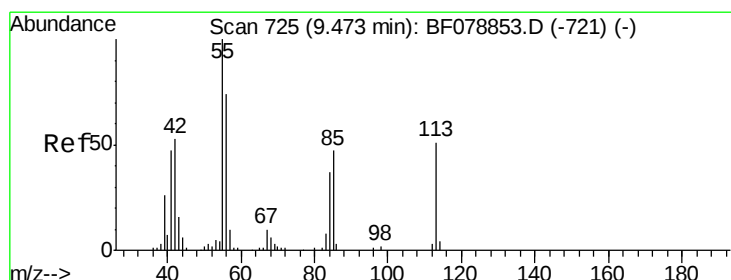
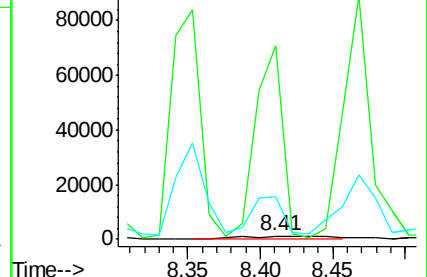
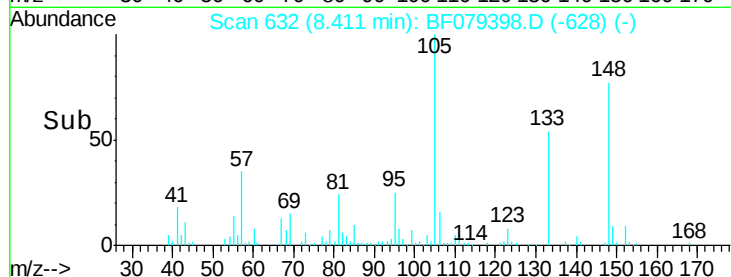
77 1212.0 72.0 112.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 28.02 ng

RT: 9.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

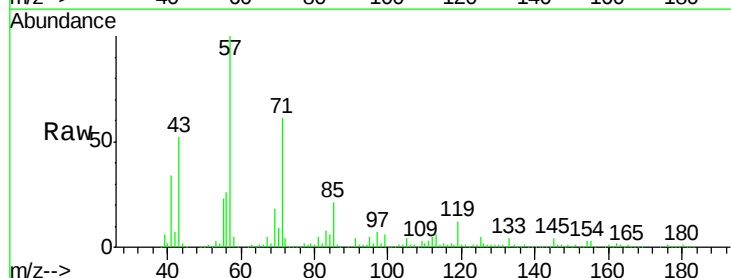
Tgt Ion:113 Resp: 27517

Ion Ratio Lower Upper

113 100

55 360.2 176.0 216.0#

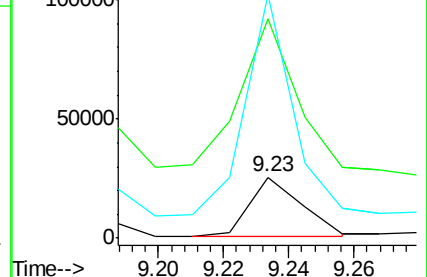
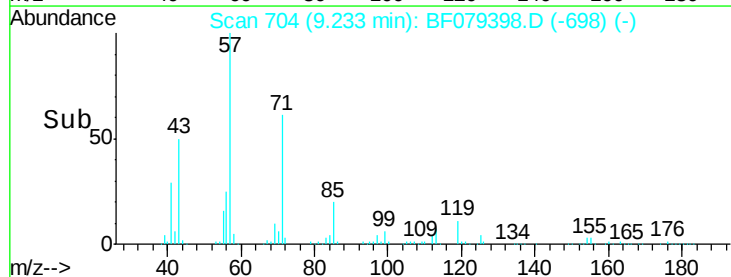
56 400.3 123.8 163.8#

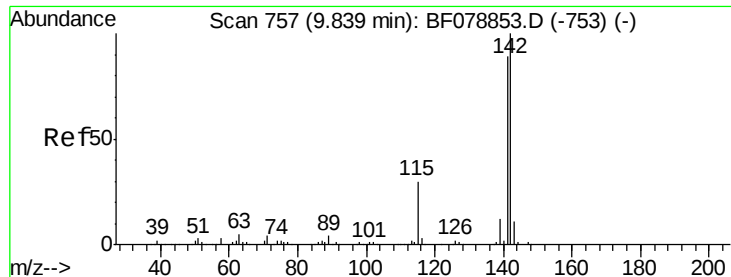


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

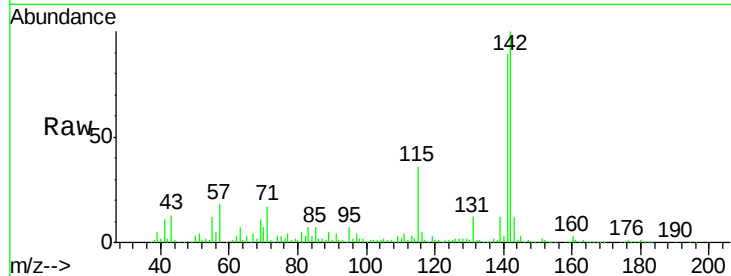




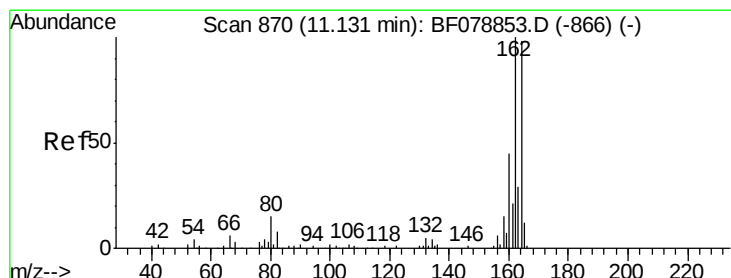
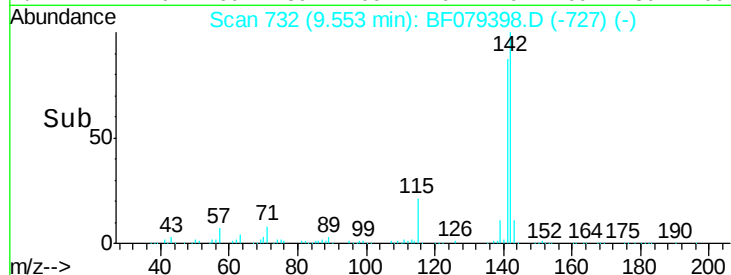
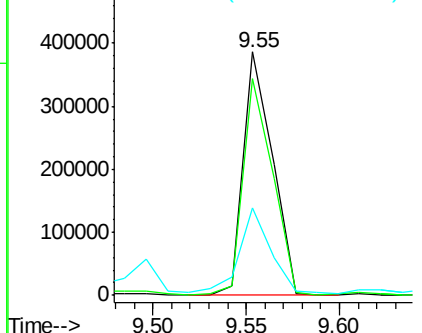
#37  
2-Methylnaphthalene  
Concen: 53.38 ng  
RT: 9.55 min Scan# 732  
Delta R.T. -0.03 min  
Lab File: BF079398.D  
Acq: 21 May 2015 00:45

Instrument :  
BNA\_F  
ClientSampleId :  
10DEPTH

Tot Ion:142 Resp: 421511  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.6 107.4  
115 35.9 24.2 36.4

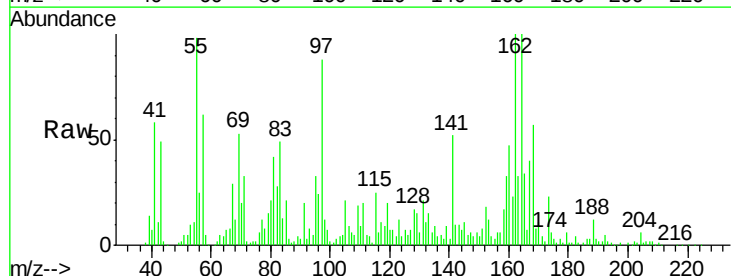


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

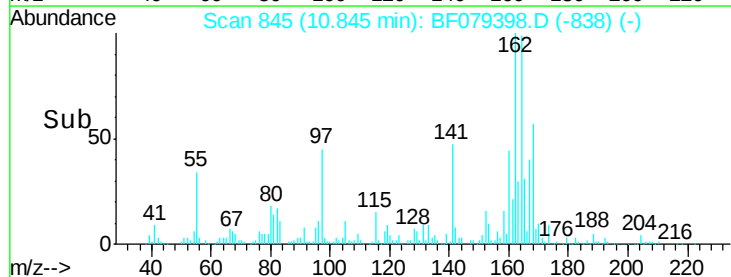
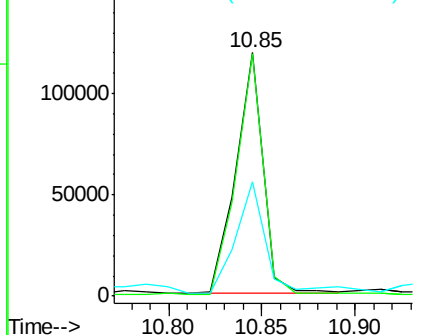


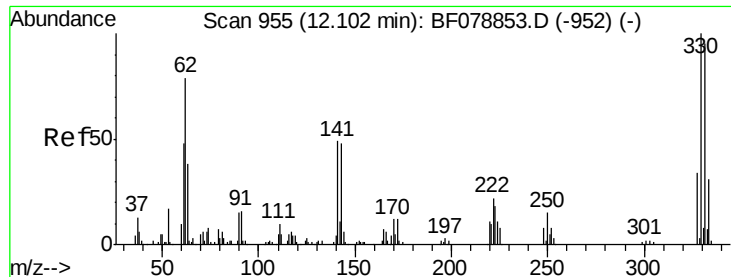
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.85 min Scan# 845  
Delta R.T. -0.03 min  
Lab File: BF079398.D  
Acq: 21 May 2015 00:45

Tgt Ion:164 Resp: 120856  
Ion Ratio Lower Upper  
164 100  
162 99.7 81.4 122.0  
160 47.1 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

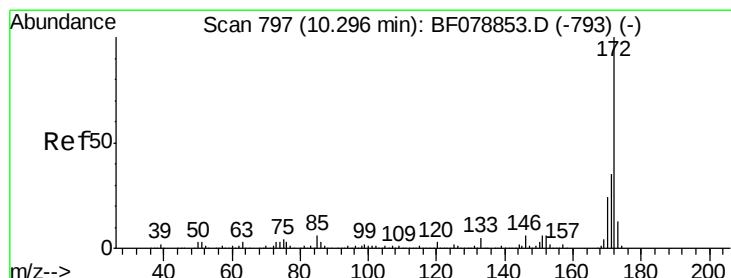
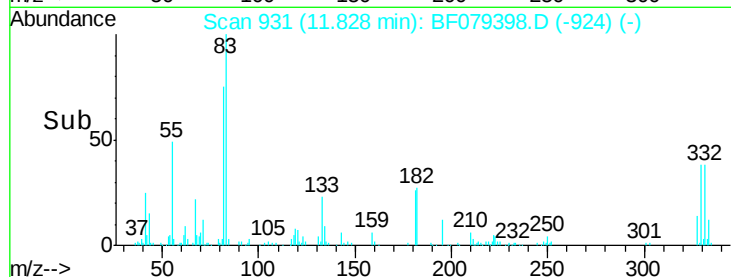
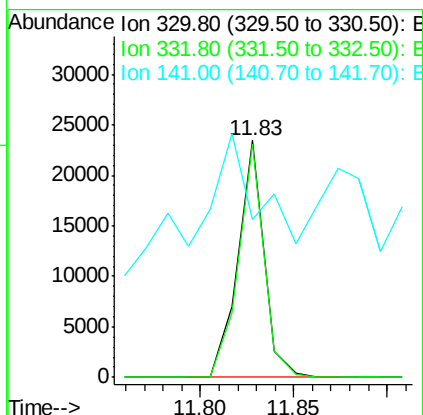
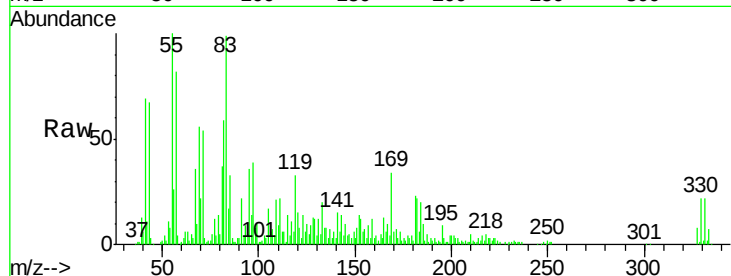




#41  
 2,4,6-Tribromophenol  
 Concen: 17.56 ng  
 RT: 11.83 min Scan# 931  
 Delta R.T. -0.03 min  
 Lab File: BF079398.D  
 Acq: 21 May 2015 00:45

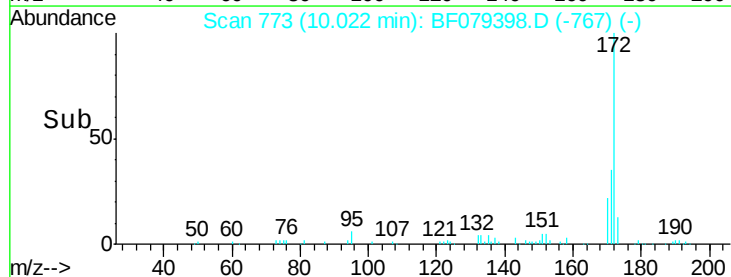
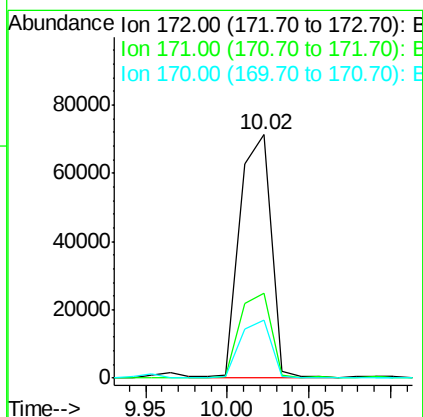
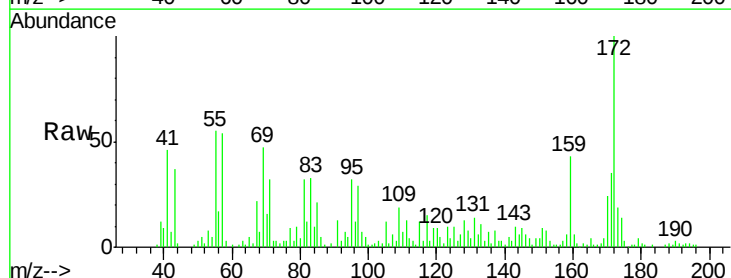
Instrument :  
 BNA\_F  
 ClientSampleId :  
 10DEPTH

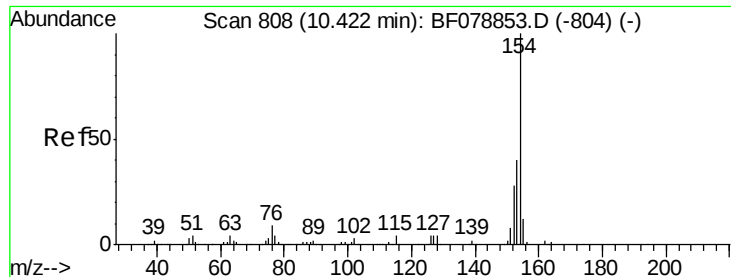
Tot Ion:330 Resp: 22956  
 Ion Ratio Lower Upper  
 330 100  
 332 96.8 76.9 115.3  
 141 83.4 27.8 41.8#



#44  
 2-Fluorobiphenyl  
 Concen: 10.96 ng  
 RT: 10.02 min Scan# 773  
 Delta R.T. -0.03 min  
 Lab File: BF079398.D  
 Acq: 21 May 2015 00:45

Tgt Ion:172 Resp: 95042  
 Ion Ratio Lower Upper  
 172 100  
 171 34.9 28.3 42.5  
 170 23.8 19.4 29.2





#45

1,1'-Biphenyl

Concen: 7.92 ng

RT: 10.14 min Scan# 783

Delta R.T. -0.03 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampleId :

10DEPTH

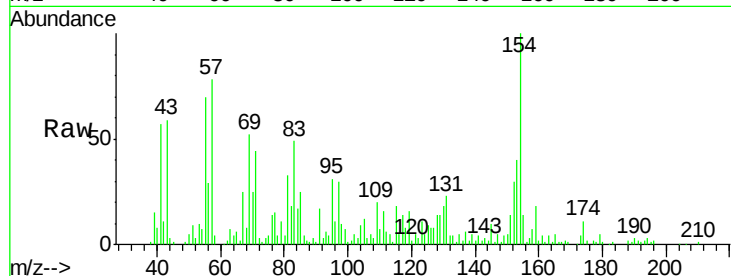
Tot Ion:154 Resp: 76050

Ion Ratio Lower Upper

154 100

153 40.1 19.7 59.7

76 13.6 0.0 29.1

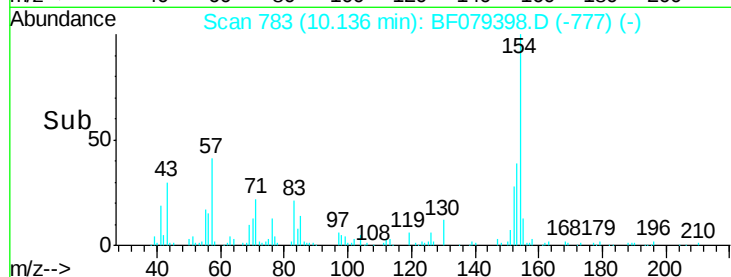


Abundance Ion 154.00 (153.70 to 154.70): E

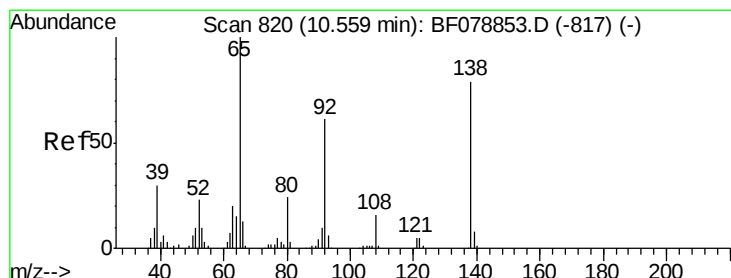
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E

Time-->



Time-->



#47

2-Nitroaniline

Concen: 4.72 ng

RT: 10.33 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

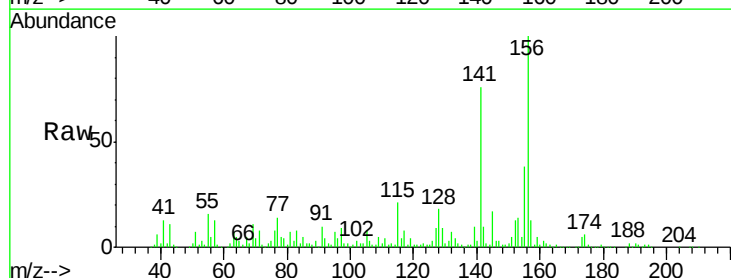
Tgt Ion: 65 Resp: 10249

Ion Ratio Lower Upper

65 100

92 121.9 49.1 73.7#

138 30.5 63.2 94.8#

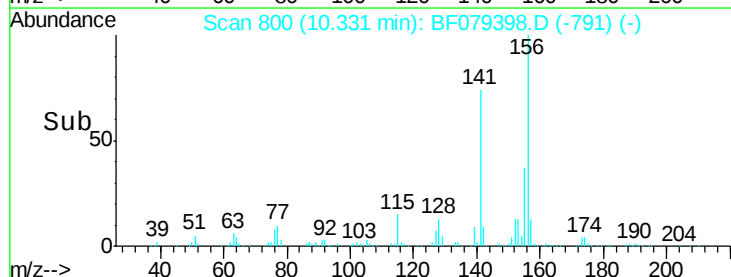


Abundance Ion 65.00 (64.70 to 65.70): BF0

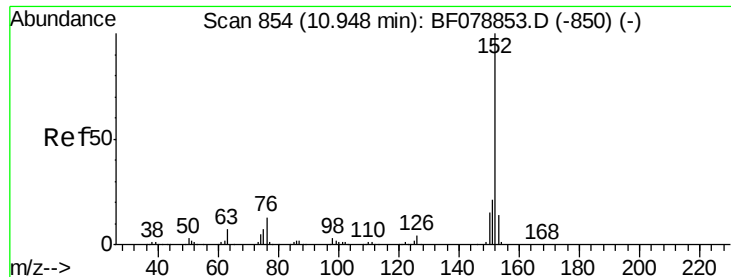
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

Time-->



Time-->



#48

Acenaphthylene

Concen: 3.29 ng

RT: 10.67 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampleId :

10DEPTH

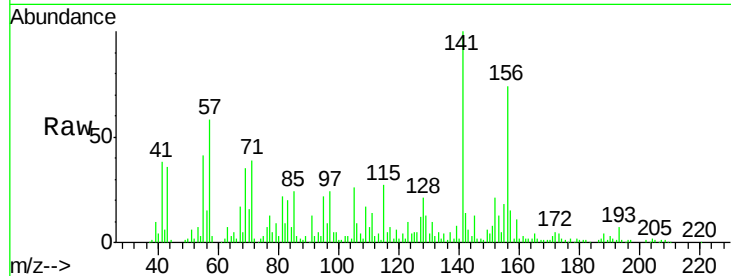
Tot Ion:152 Resp: 40528

Ion Ratio Lower Upper

152 100

151 37.3 16.6 24.8#

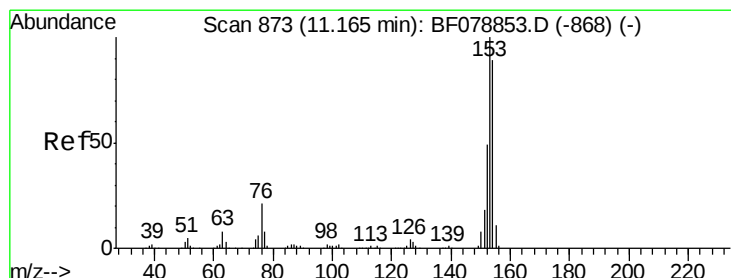
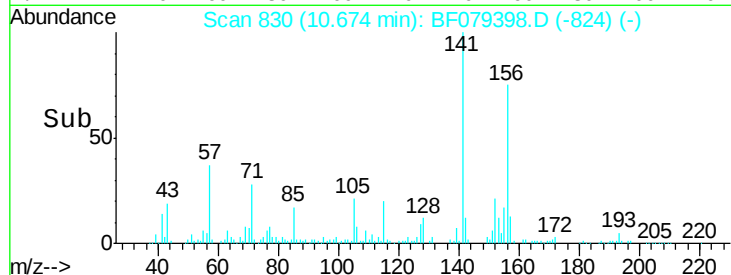
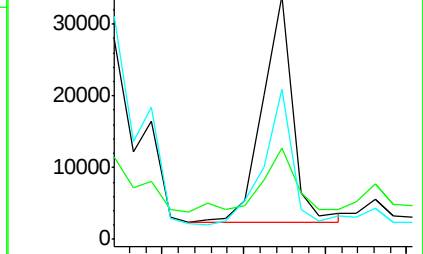
153 61.9 11.0 16.6#



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



#51

Acenaphthene

Concen: 7.68 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

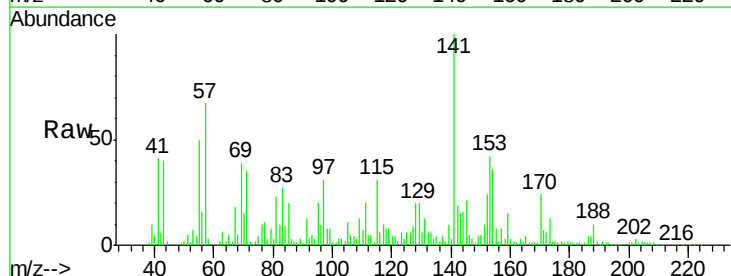
Tgt Ion:154 Resp: 56354

Ion Ratio Lower Upper

154 100

153 114.9 90.2 135.2

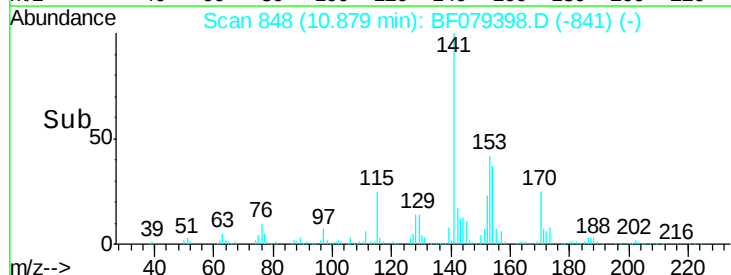
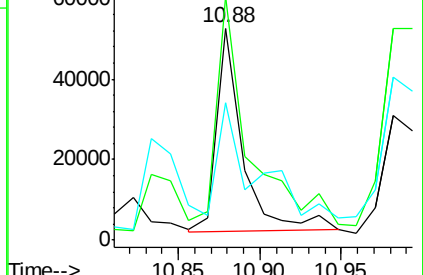
152 64.8 43.8 65.8

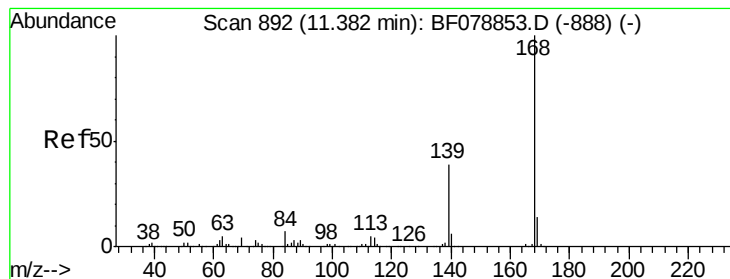


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 3.76 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.03 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampleId :

10DEPTH

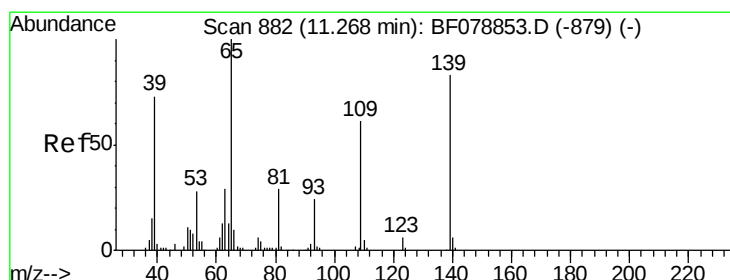
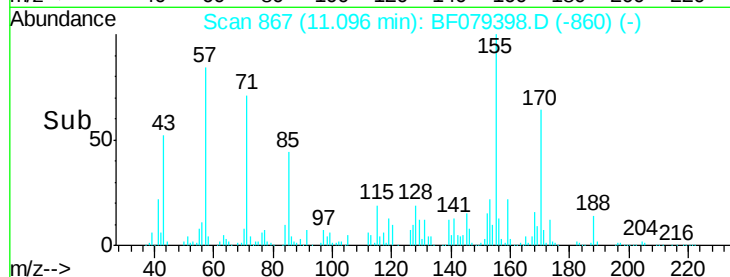
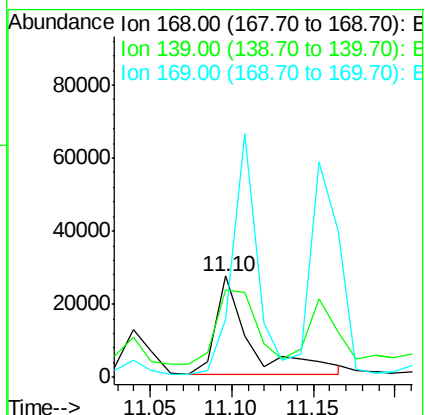
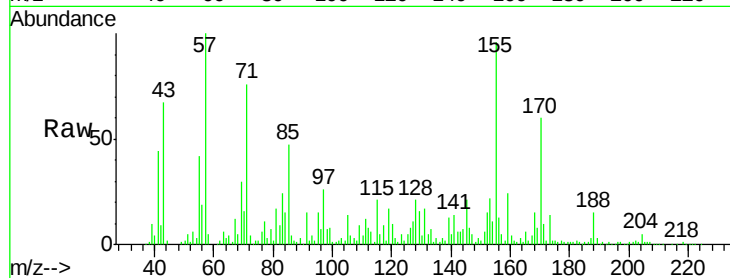
Tot Ion:168 Resp: 39838

Ion Ratio Lower Upper

168 100

139 86.1 31.5 47.3#

169 57.3 11.0 16.4#



#55

4-Nitrophenol

Concen: 4.10 ng

RT: 11.04 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

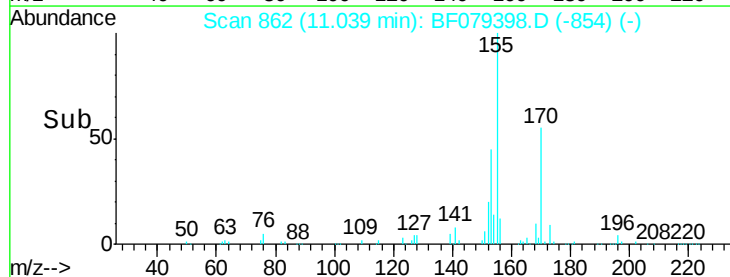
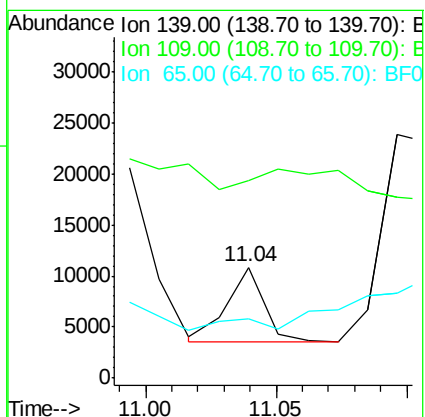
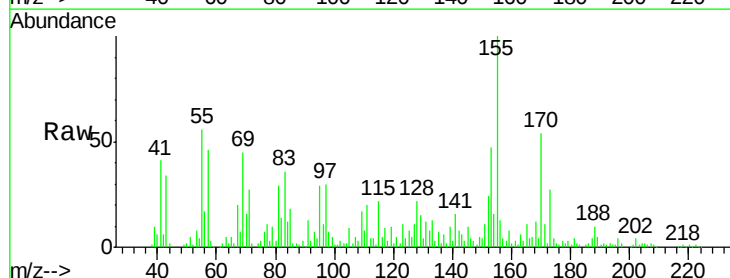
Tgt Ion:139 Resp: 7103

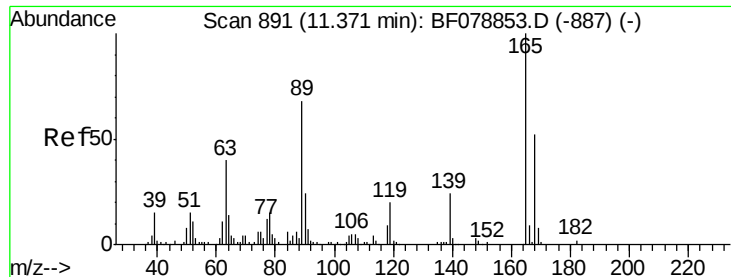
Ion Ratio Lower Upper

139 100

109 178.5 54.4 94.4#

65 53.4 101.0 141.0#

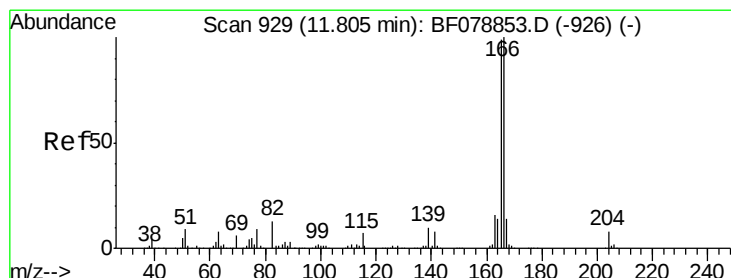
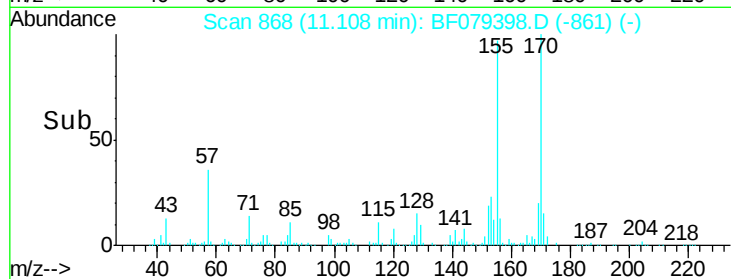
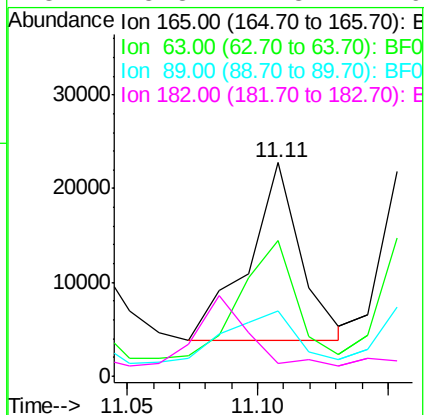
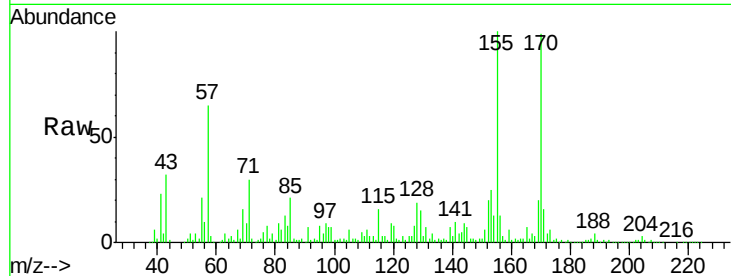




#56  
2,4-Dinitrotoluene  
Concen: 11.28 ng  
RT: 11.11 min Scan# 868  
Delta R.T. -0.03 min  
Lab File: BF079398.D  
Acq: 21 May 2015 00:45

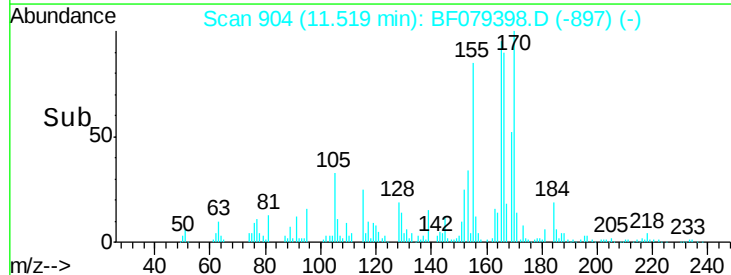
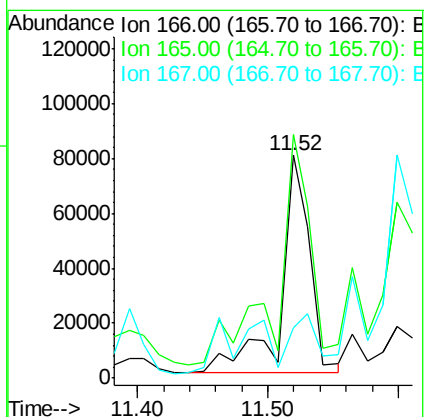
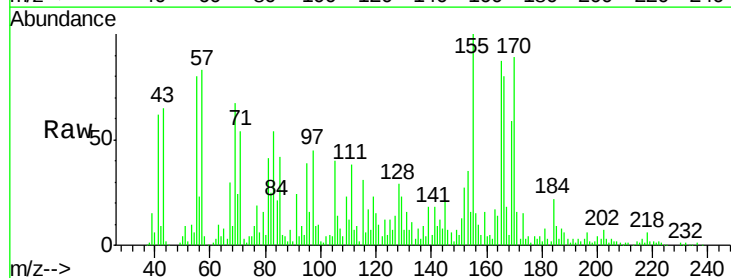
Instrument :  
BNA\_F  
ClientSampleId :  
10DEPTH

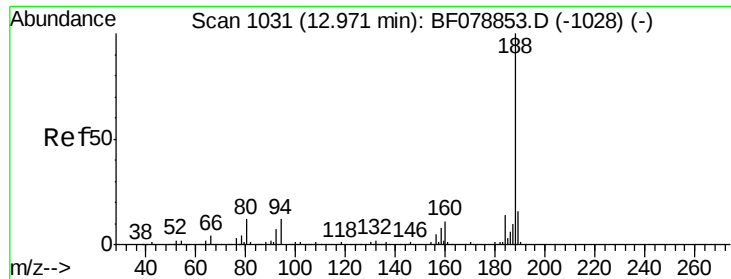
Tot Ion:165 Resp: 26110  
Ion Ratio Lower Upper  
165 100  
63 63.8 32.3 48.5#  
89 30.6 54.6 81.8#  
182 5.8 1.8 2.6#



#57  
Fluorene  
Concen: 14.13 ng  
RT: 11.52 min Scan# 904  
Delta R.T. -0.03 min  
Lab File: BF079398.D  
Acq: 21 May 2015 00:45

Tgt Ion:166 Resp: 122917  
Ion Ratio Lower Upper  
166 100  
165 109.4 79.5 119.3  
167 22.3 11.0 16.6#

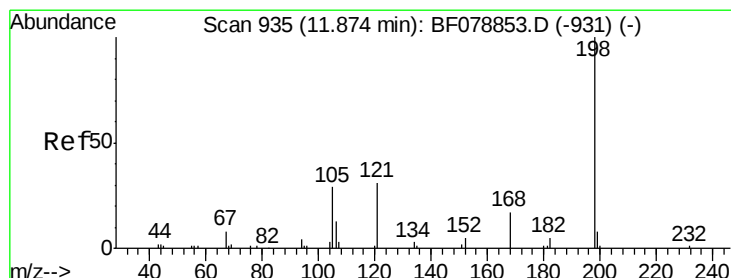
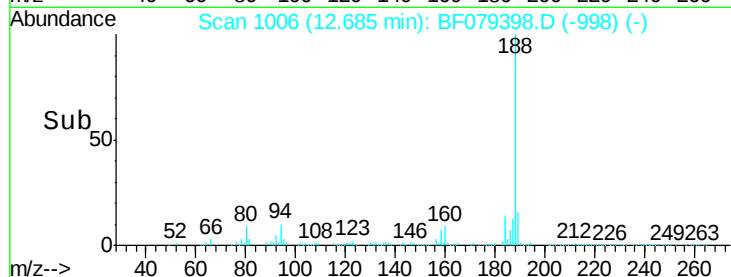
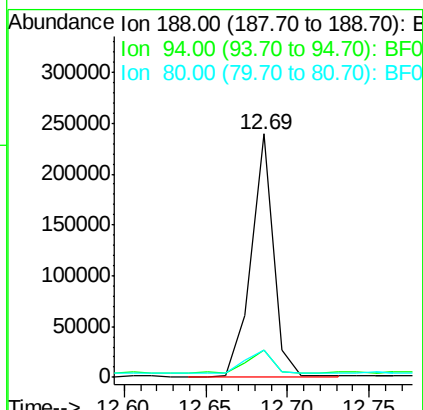
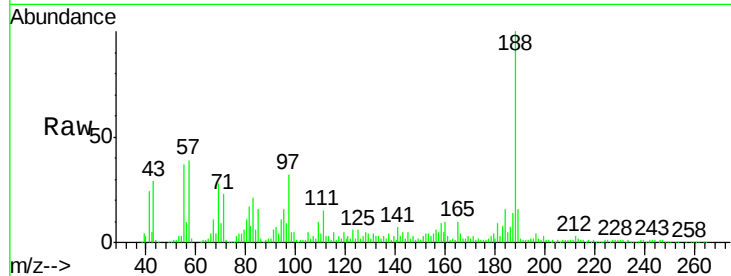




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.69 min Scan# 1006  
Delta R.T. -0.03 min  
Lab File: BF079398.D  
Acq: 21 May 2015 00:45

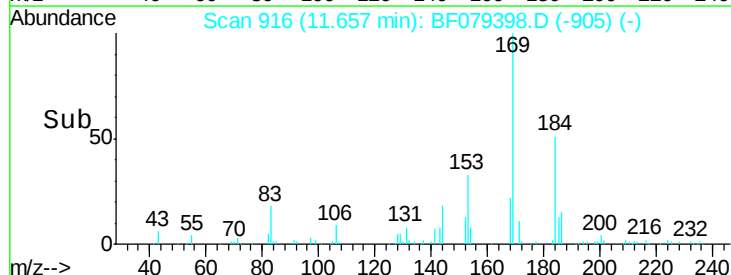
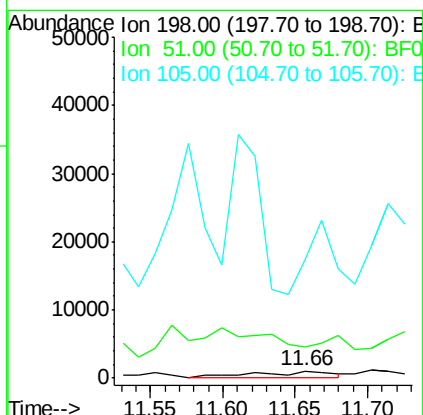
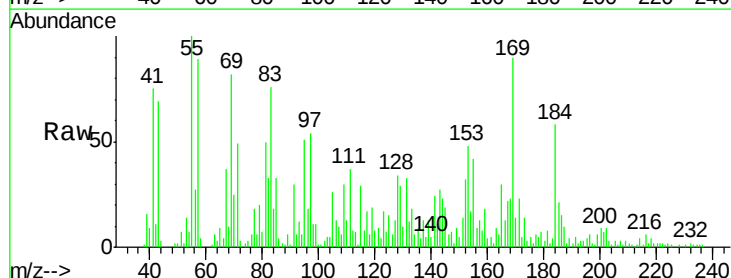
Instrument :  
BNA\_F  
ClientSampleId :  
10DEPTH

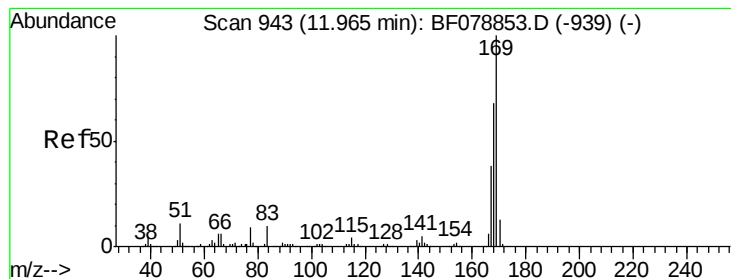
Tot Ion:188 Resp: 224100  
Ion Ratio Lower Upper  
188 100  
94 11.1 9.4 14.0  
80 11.0 9.8 14.6



#64  
4,6-Dinitro-2-methylphenol  
Concen: 6.88 ng  
RT: 11.66 min Scan# 916  
Delta R.T. 0.01 min  
Lab File: BF079398.D  
Acq: 21 May 2015 00:45

Tgt Ion:198 Resp: 3886  
Ion Ratio Lower Upper  
198 100  
51 448.7 7.0 47.0#  
105 1736.4 13.7 53.7#





#65

n-Nitrosodiphenylamine

Concen: 23.06 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.03 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampleId :

10DEPTH

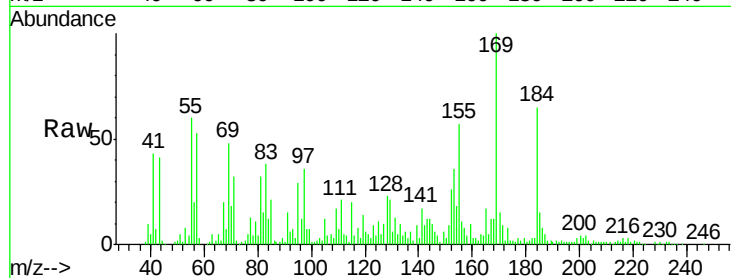
Tot Ion:169 Resp: 172123

Ion Ratio Lower Upper

169 100

168 12.3 54.1 81.1#

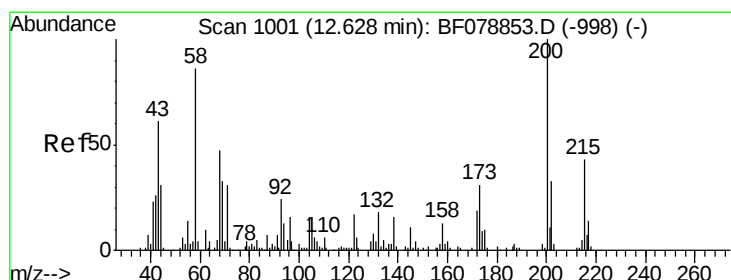
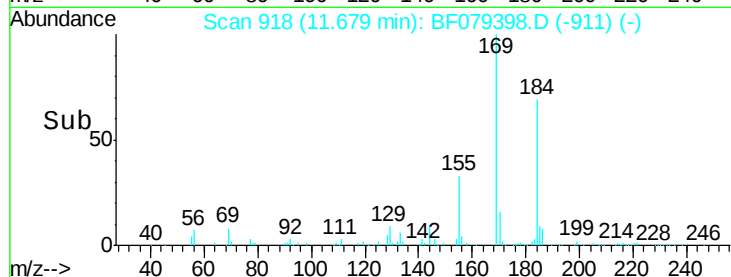
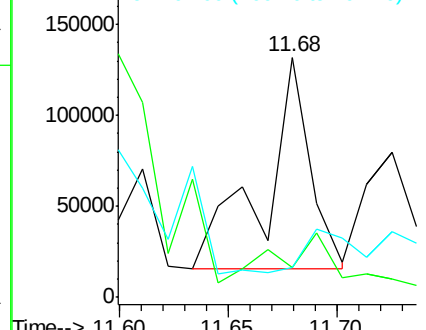
167 12.3 30.1 45.1#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 2.01 ng

RT: 12.41 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

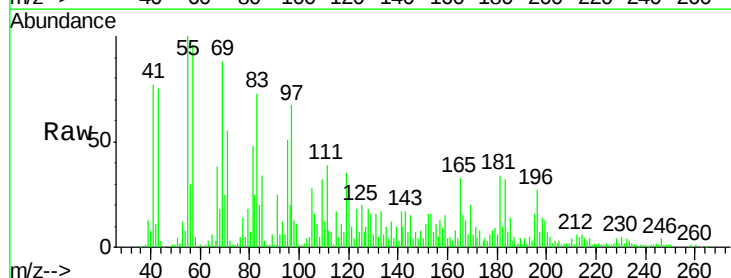
Tgt Ion:200 Resp: 4356

Ion Ratio Lower Upper

200 100

173 107.9 10.9 50.9#

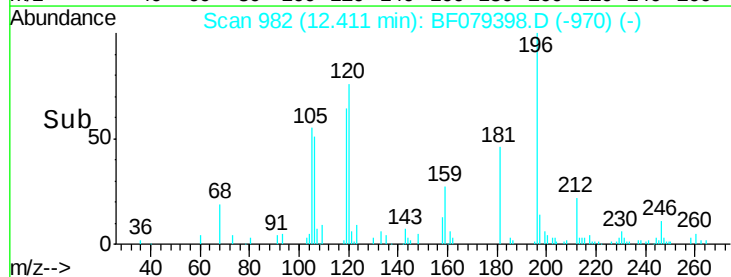
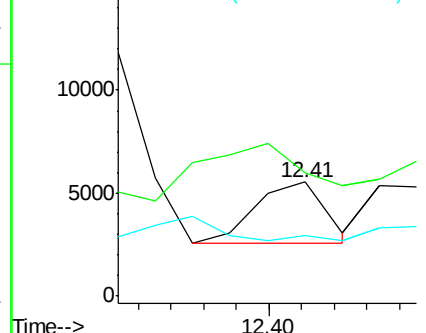
215 53.5 23.2 63.2

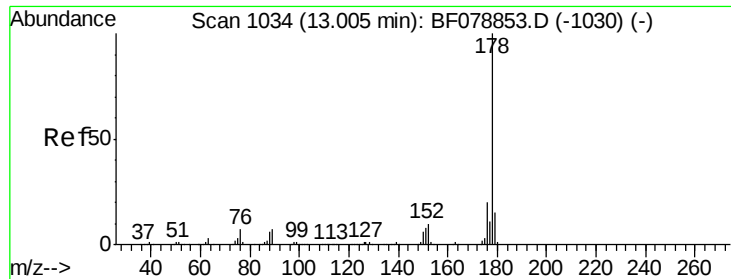


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 34.20 ng

RT: 12.71 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampleId :

10DEPTH

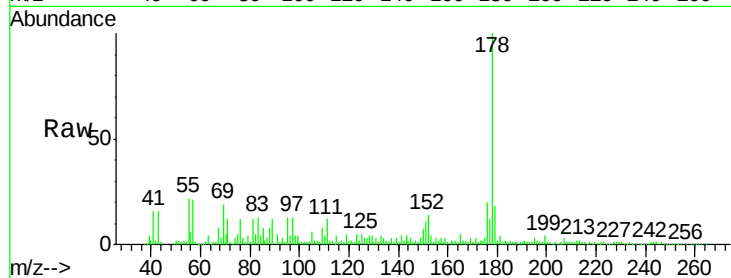
Tot Ion:178 Resp: 428781

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

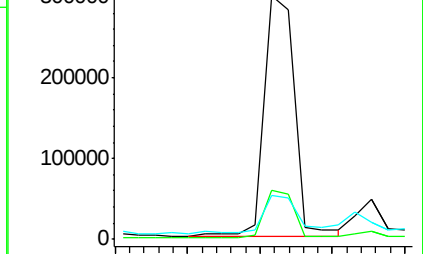
179 18.2 12.2 18.4



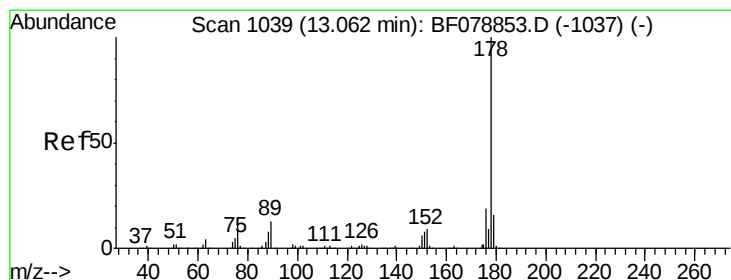
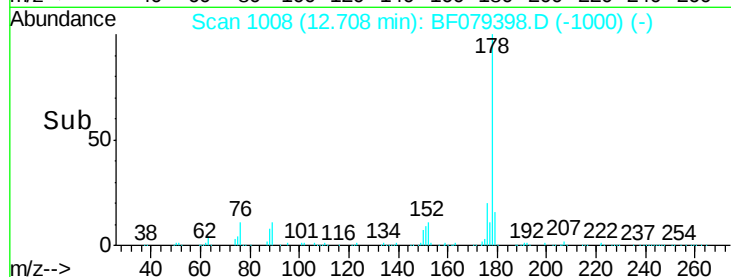
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 12.60 12.65 12.70 12.75



#71

Anthracene

Concen: 33.83 ng

RT: 12.71 min Scan# 1008

Delta R.T. -0.10 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

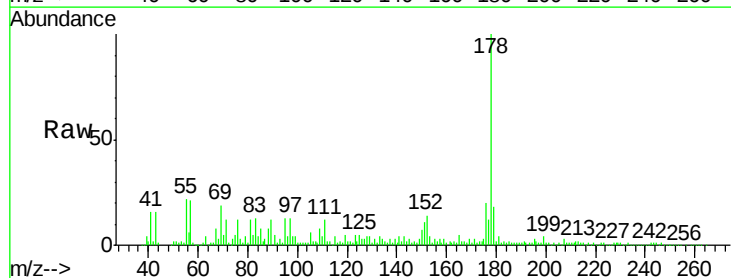
Tgt Ion:178 Resp: 416067

Ion Ratio Lower Upper

178 100

176 20.0 15.3 22.9

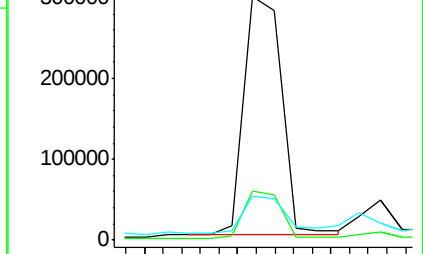
179 18.2 12.6 19.0



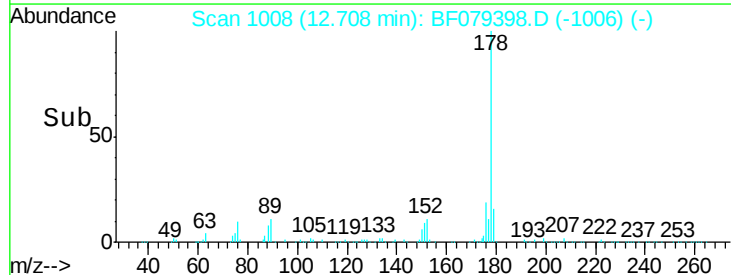
Abundance Ion 178.00 (177.70 to 178.70): E

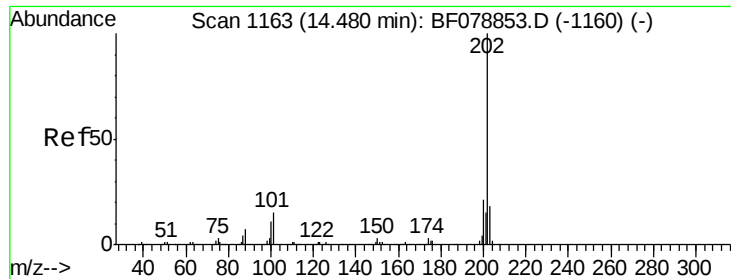
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 12.65 12.70 12.75





#74

Fluoranthene

Concen: 3.99 ng

RT: 14.19 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampleId :

10DEPTH

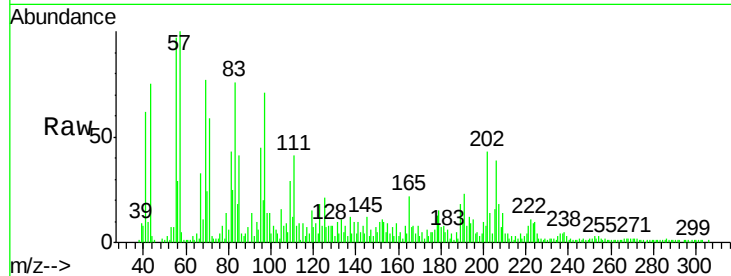
Tot Ion:202 Resp: 52180

Ion Ratio Lower Upper

202 100

101 19.5 0.0 34.7

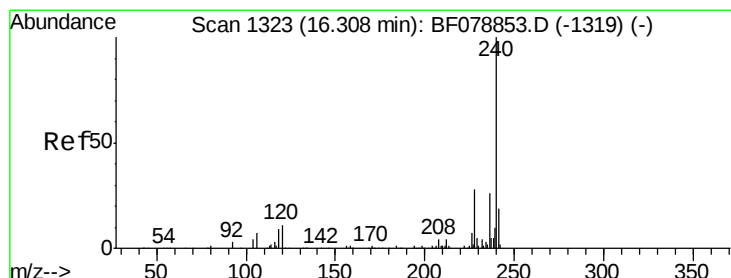
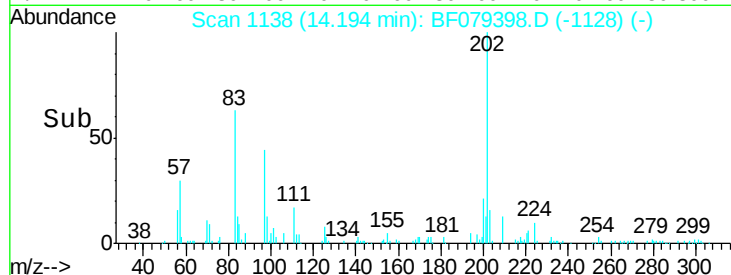
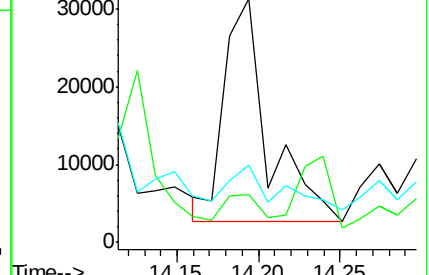
203 31.6 0.0 37.9



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: 15.97 min Scan# 1293

Delta R.T. -0.06 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

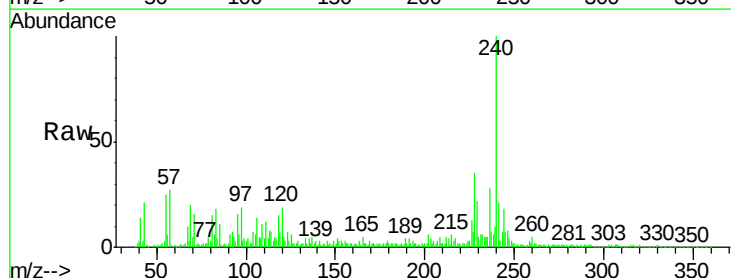
Tgt Ion:240 Resp: 235362

Ion Ratio Lower Upper

240 100

120 18.7 8.6 12.8#

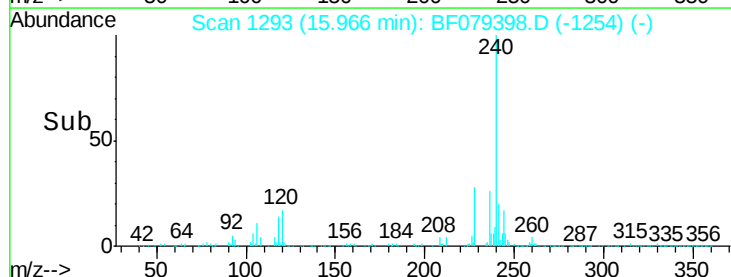
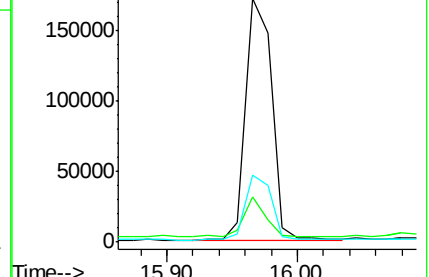
236 27.6 21.0 31.6

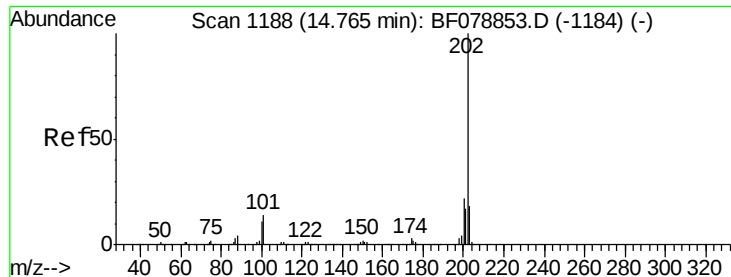


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 17.59 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.03 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampled :

10DEPTH

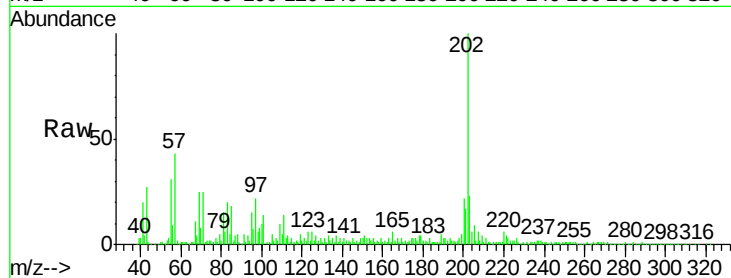
Tot Ion:202 Resp: 238598

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

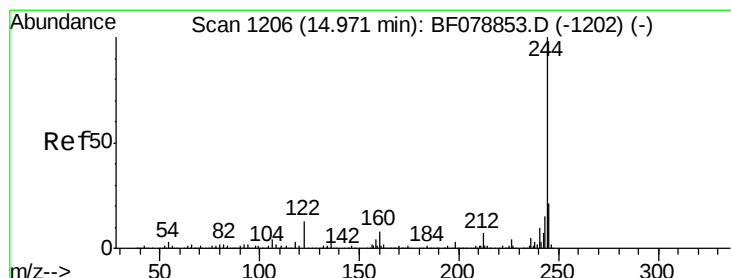
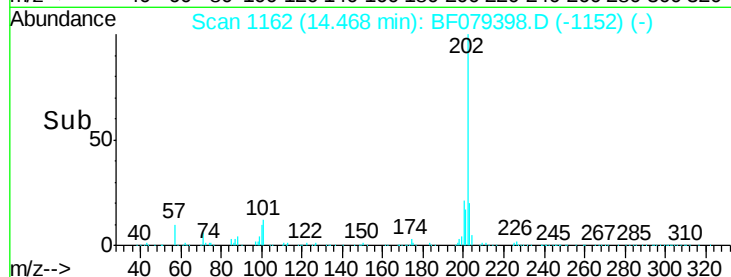
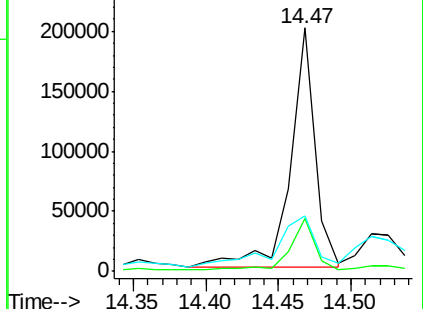
203 23.0 14.7 22.1#



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: 11.61 ng

RT: 14.67 min Scan# 1180

Delta R.T. -0.05 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

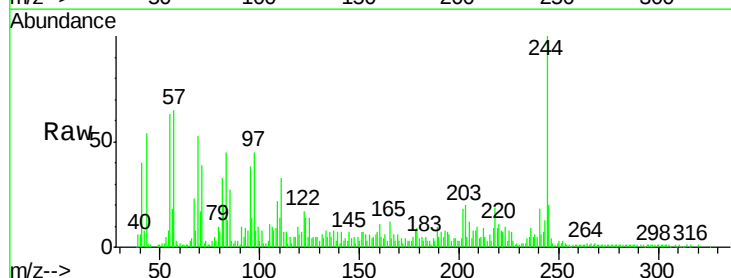
Tgt Ion:244 Resp: 114159

Ion Ratio Lower Upper

244 100

212 8.9 5.6 8.4#

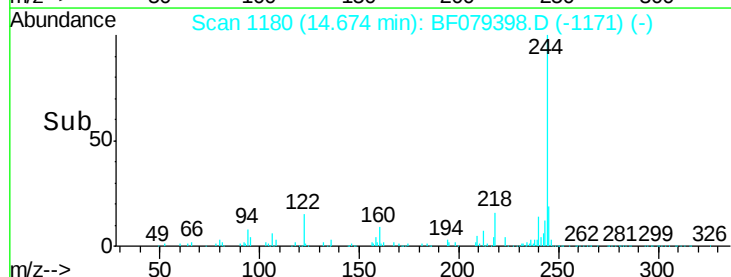
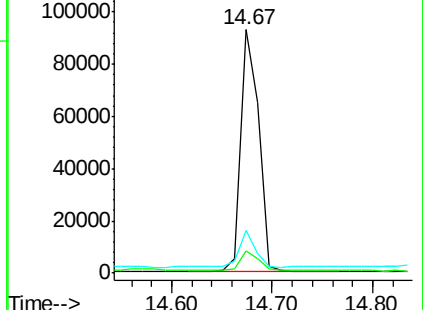
122 17.3 10.5 15.7#

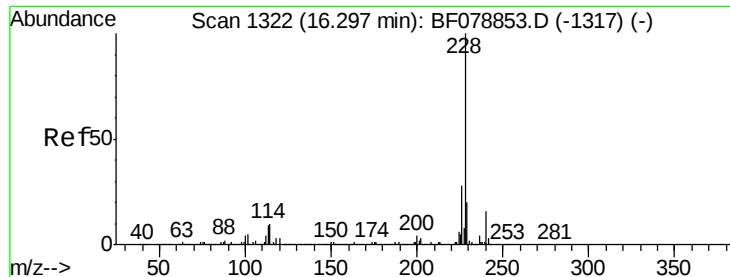


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 25.97 ng

RT: 16.00 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampleId :

10DEPTH

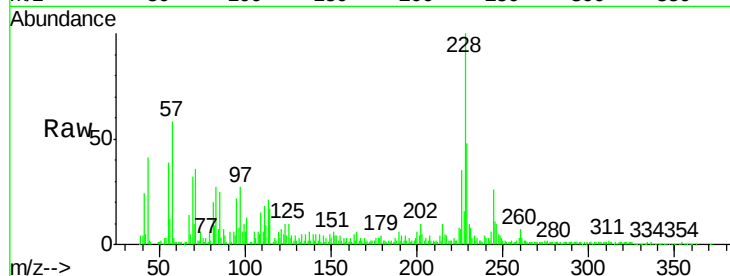
Tot Ion:228 Resp: 334659

Ion Ratio Lower Upper

228 100

226 35.3 22.3 33.5#

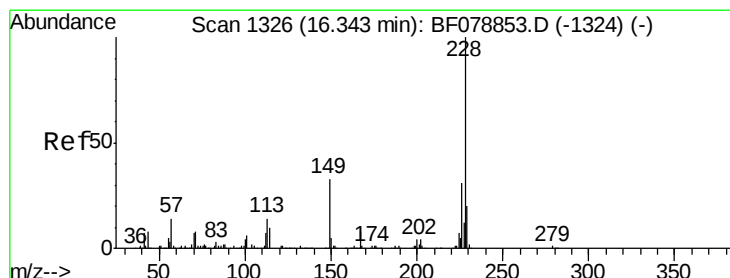
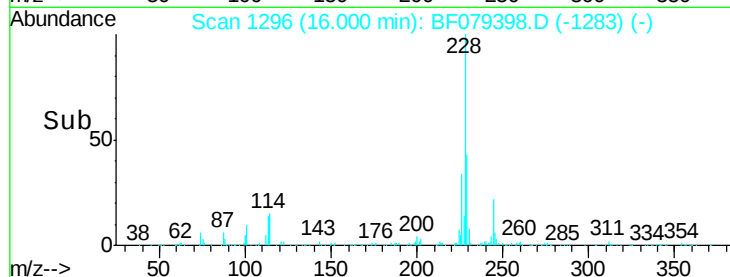
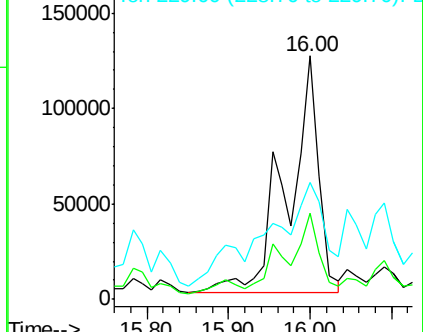
229 47.9 16.1 24.1#



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



#82

Chrysene

Concen: 26.14 ng

RT: 16.00 min Scan# 1296

Delta R.T. -0.06 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

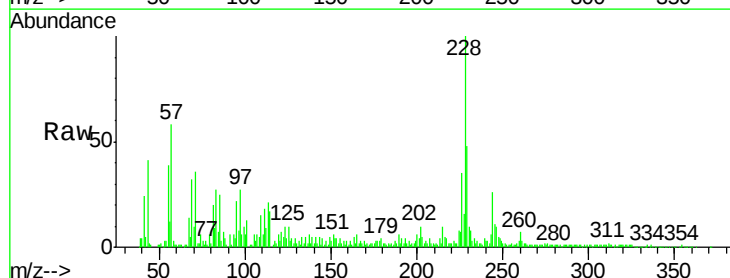
Tgt Ion:228 Resp: 324031

Ion Ratio Lower Upper

228 100

226 35.3 24.8 37.2

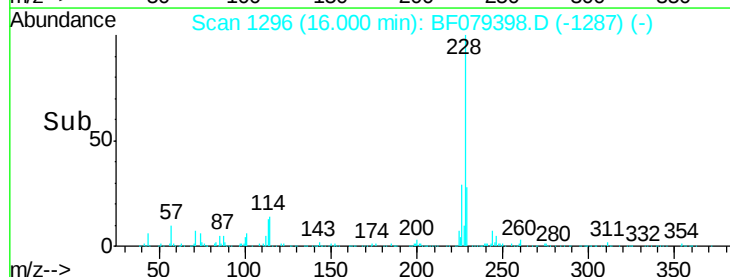
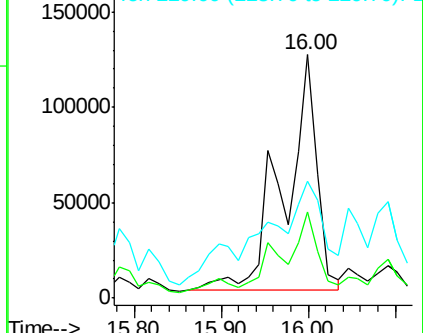
229 47.9 16.1 24.1#

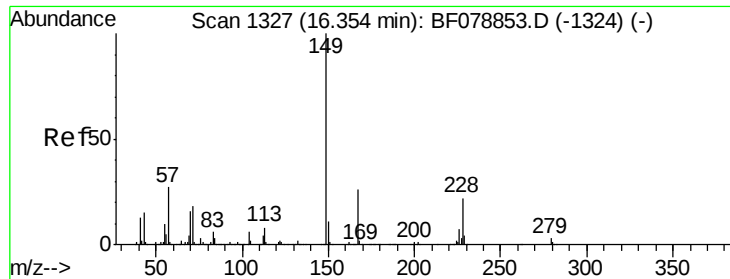


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

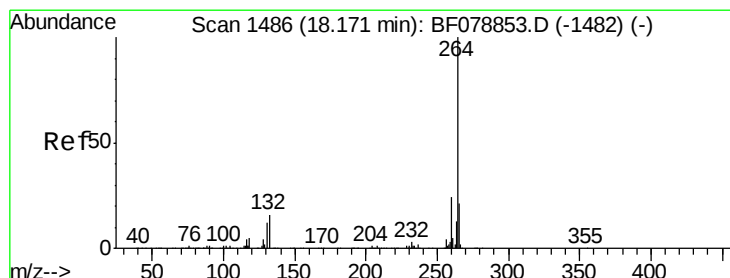
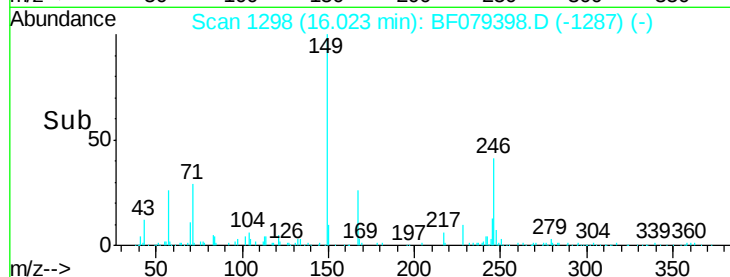
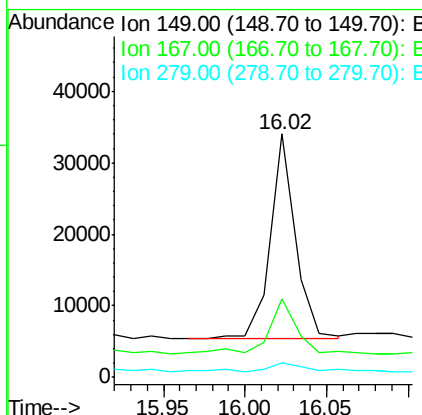
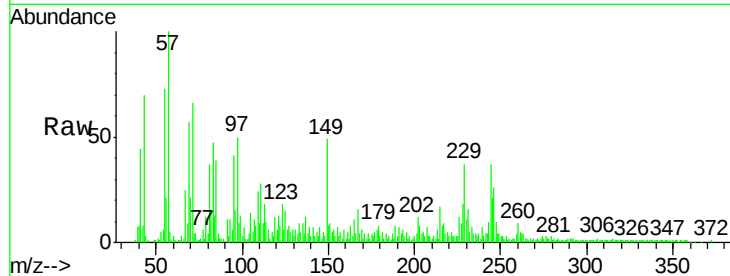




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.46 ng  
 RT: 16.02 min Scan# 1298  
 Delta R.T. -0.05 min  
 Lab File: BF079398.D  
 Acq: 21 May 2015 00:45

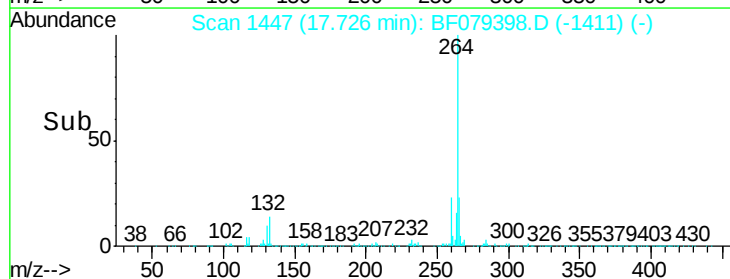
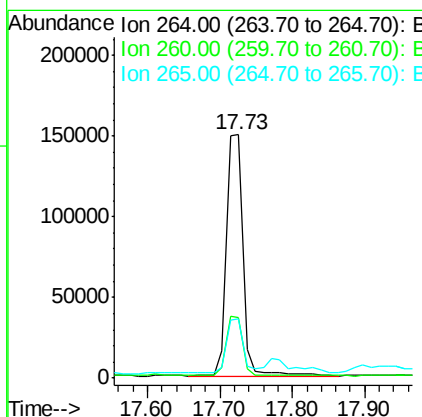
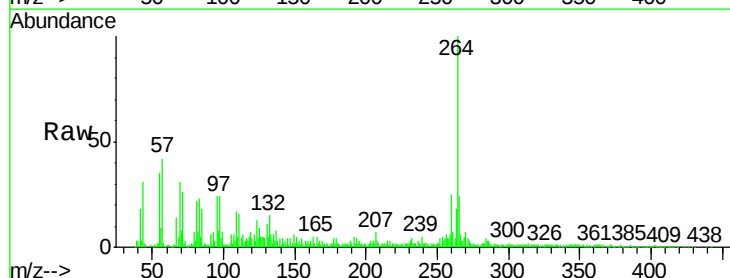
Instrument :  
 BNA\_F  
 ClientSampleId :  
 10DEPTH

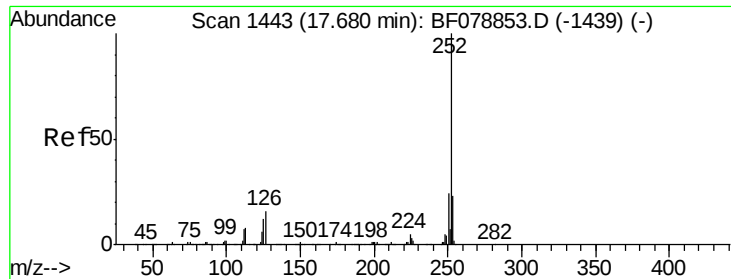
Tot Ion:149 Resp: 31040  
 Ion Ratio Lower Upper  
 149 100  
 167 32.1 21.2 31.8#  
 279 5.7 2.6 4.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.73 min Scan# 1447  
 Delta R.T. -0.09 min  
 Lab File: BF079398.D  
 Acq: 21 May 2015 00:45

Tgt Ion:264 Resp: 237549  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 19.2 28.8  
 265 24.2 17.2 25.8

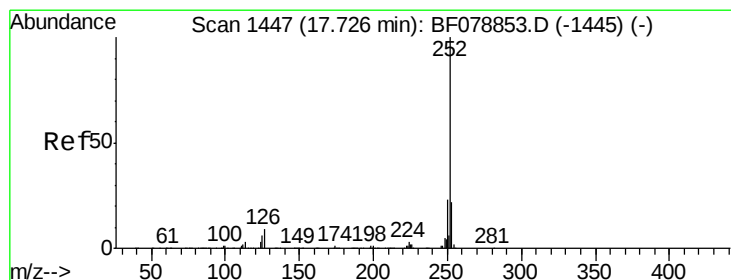
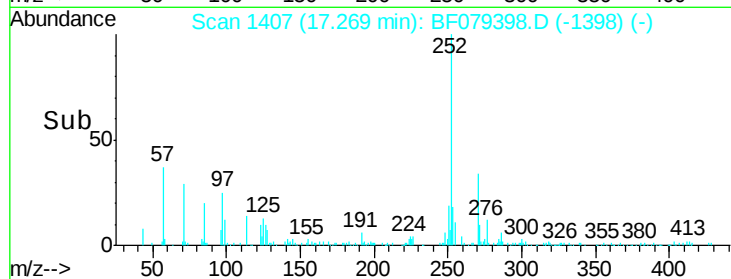
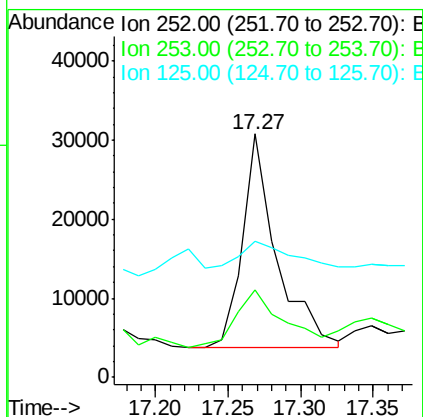
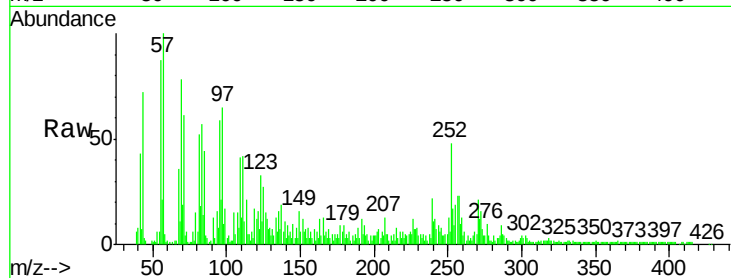




#87  
Benzo(b)fluoranthene  
Concen: 3.39 ng  
RT: 17.27 min Scan# 1407  
Delta R.T. -0.08 min  
Lab File: BF079398.D  
Acq: 21 May 2015 00:45

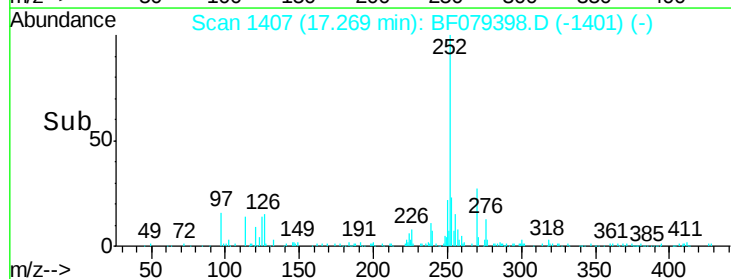
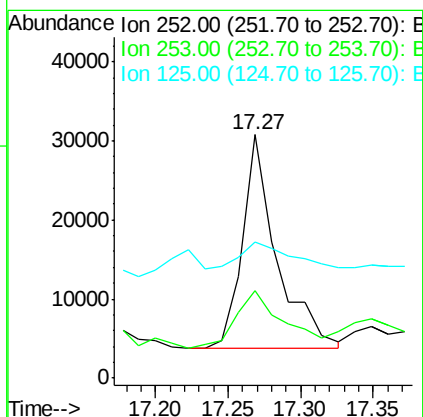
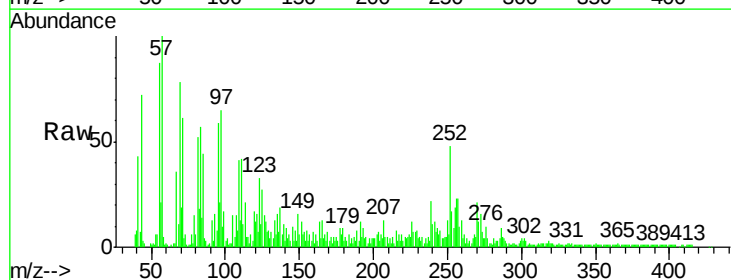
Instrument :  
BNA\_F  
ClientSampleId :  
10DEPTH

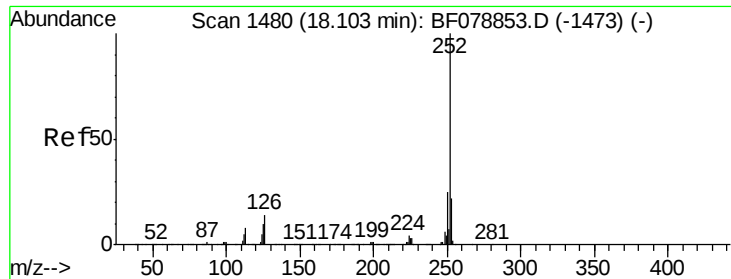
Tot Ion:252 Resp: 44125  
Ion Ratio Lower Upper  
252 100  
253 35.7 18.1 27.1#  
125 55.8 9.4 14.2#



#88  
Benzo(k)fluoranthene  
Concen: 3.51 ng  
RT: 17.27 min Scan# 1407  
Delta R.T. -0.11 min  
Lab File: BF079398.D  
Acq: 21 May 2015 00:45

Tgt Ion:252 Resp: 44125  
Ion Ratio Lower Upper  
252 100  
253 35.7 17.4 26.0#  
125 55.8 6.1 9.1#





#89

Benzo(a)pyrene

Concen: 4.38 ng

RT: 17.66 min Scan# 1441

Delta R.T. -0.09 min

Lab File: BF079398.D

Acq: 21 May 2015 00:45

Instrument :

BNA\_F

ClientSampleId :

10DEPTH

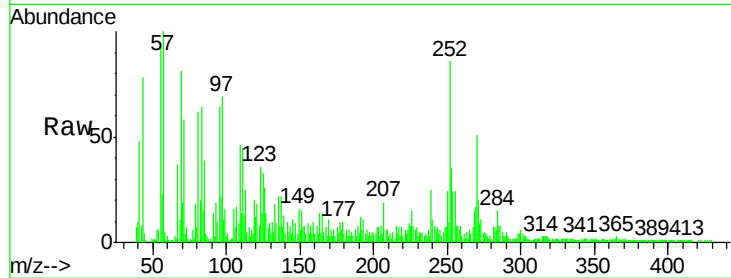
Tot Ion:252 Resp: 52412

Ion Ratio Lower Upper

252 100

253 40.9 18.0 27.0#

125 38.8 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

