

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF040815\  
 Data File : BF078351.D  
 Acq On : 8 Apr 2015 23:25  
 Operator : TP/IZ  
 Sample : G1794-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OUTFALL-3

Quant Time: Apr 09 01:11:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 09 00:49:15 2015  
 Response via : Initial Calibration

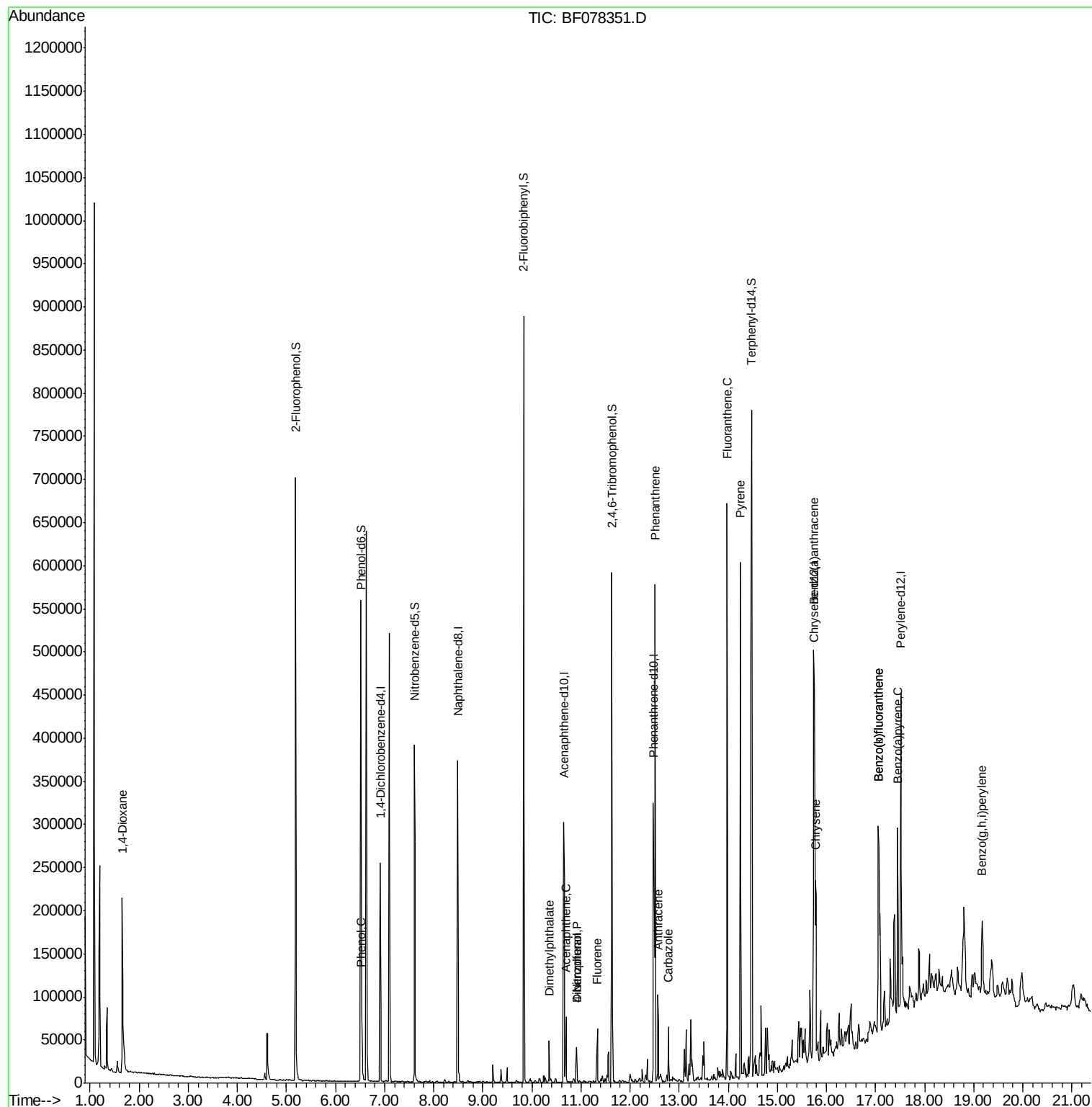
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.91  | 152  | 41670    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.49  | 136  | 171116   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.65 | 164  | 83631    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.48 | 188  | 162229   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 15.76 | 240  | 177133   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 17.52 | 264  | 166815   | 20.00 | ng    | -0.06    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.18  | 112  | 235372   | 93.13 | ng    | 0.01     |
| 7) Phenol-d6                | 6.52  | 99   | 302593   | 95.54 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.61  | 82   | 166859   | 59.11 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.63 | 330  | 67837    | 97.80 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.84  | 172  | 311206   | 53.19 | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.48 | 244  | 318323   | 40.61 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane              | 1.65  | 88   | 9554     | 8.36  | ng    | # 23     |
| 10) Phenol                  | 6.53  | 94   | 10994    | 2.90  | ng    | 96       |
| 49) Dimethylphthalate       | 10.35 | 163  | 21035    | 3.35  | ng    | 98       |
| 51) Acenaphthene            | 10.69 | 154  | 18800    | 3.84  | ng    | 98       |
| 54) Dibenzofuran            | 10.91 | 168  | 19868    | 2.66  | ng    | 91       |
| 55) 4-Nitrophenol           | 10.91 | 139  | 6923     | 8.94  | ng    | # 18     |
| 57) Fluorene                | 11.33 | 166  | 22104    | 3.65  | ng    | 99       |
| 70) Phenanthrene            | 12.51 | 178  | 228584   | 24.36 | ng    | 100      |
| 71) Anthracene              | 12.57 | 178  | 54800    | 5.93  | ng    | 99       |
| 72) Carbazole               | 12.78 | 167  | 29115    | 3.36  | ng    | 97       |
| 74) Fluoranthene            | 13.97 | 202  | 303403   | 30.66 | ng    | 98       |
| 77) Pyrene                  | 14.25 | 202  | 248862   | 22.38 | ng    | # 92     |
| 80) Benzo(a)anthracene      | 15.75 | 228  | 143063   | 13.57 | ng    | 100      |
| 82) Chrysene                | 15.79 | 228  | 103531   | 10.46 | ng    | 96       |
| 87) Benzo(b)fluoranthene    | 17.06 | 252  | 194819   | 18.90 | ng    | # 96     |
| 88) Benzo(k)fluoranthene    | 17.06 | 252  | 197226   | 21.53 | ng    | 97       |
| 89) Benzo(a)pyrene          | 17.45 | 252  | 97290    | 10.81 | ng    | # 93     |
| 91) Benzo(g,h,i)perylene    | 19.17 | 276  | 54579    | 6.04  | ng    | 97       |

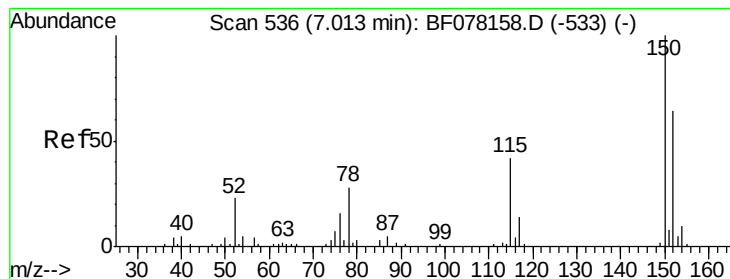
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

OUTFALL-3

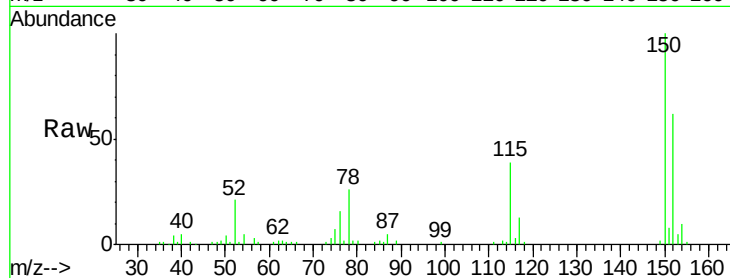
Tgt Ion:152 Resp: 41670

Ion Ratio Lower Upper

152 100

150 162.3 125.9 188.9

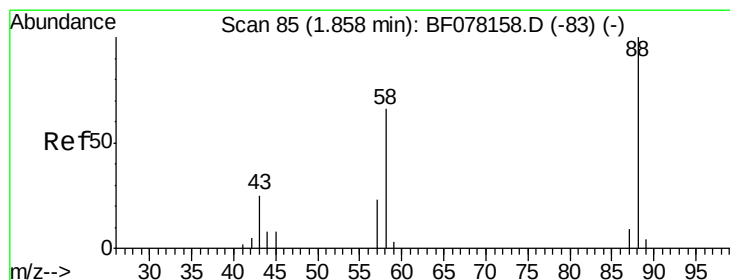
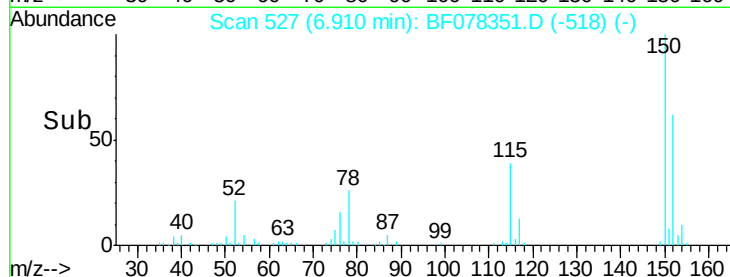
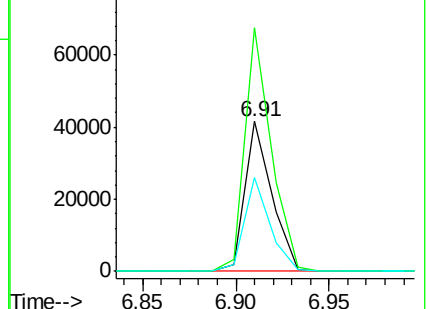
115 62.7 52.7 79.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.36 ng

RT: 1.65 min Scan# 67

Delta R.T. -0.07 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

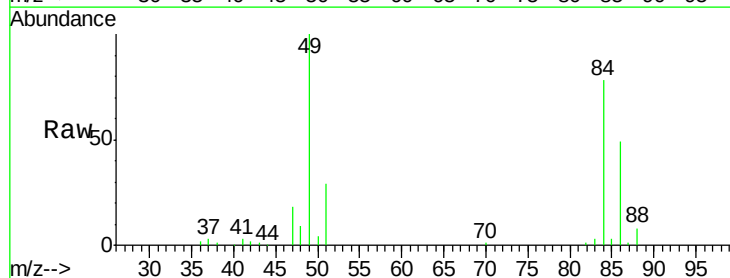
Tgt Ion: 88 Resp: 9554

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

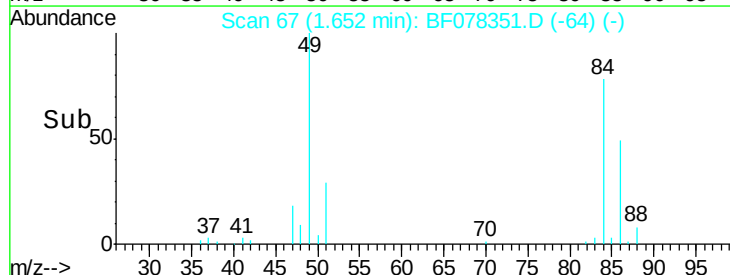
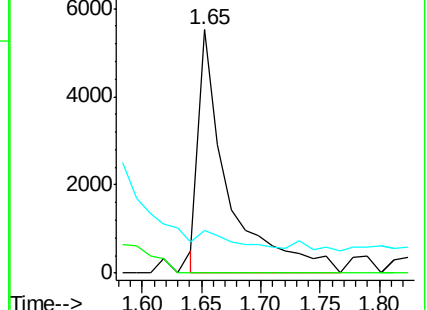
43 0.0 21.4 32.2#

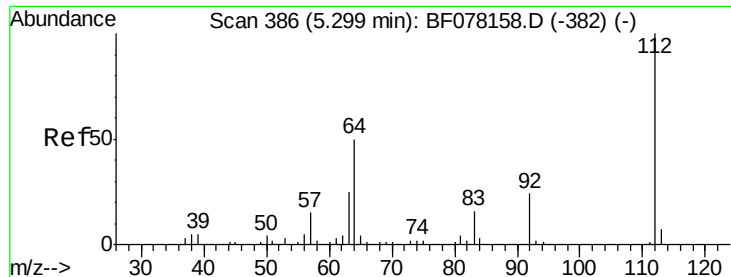


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 93.13 ng

RT: 5.18 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

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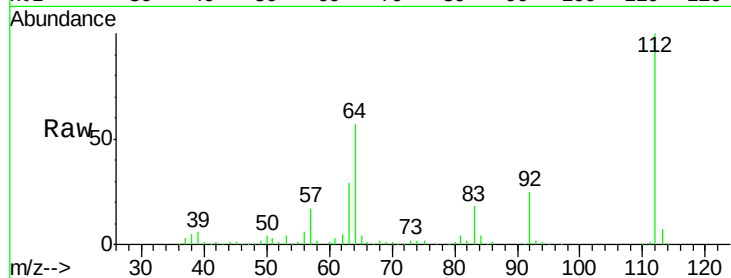
Tgt Ion: 112 Resp: 235372

Ion Ratio Lower Upper

112 100

64 56.5 39.9 59.9

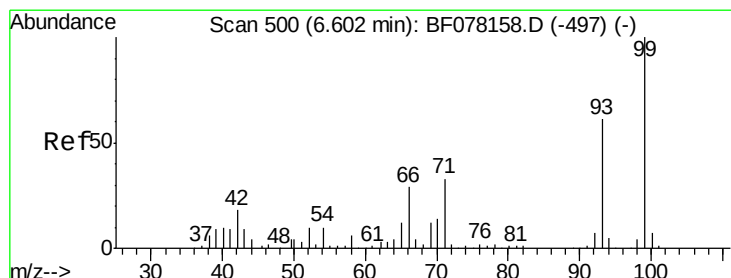
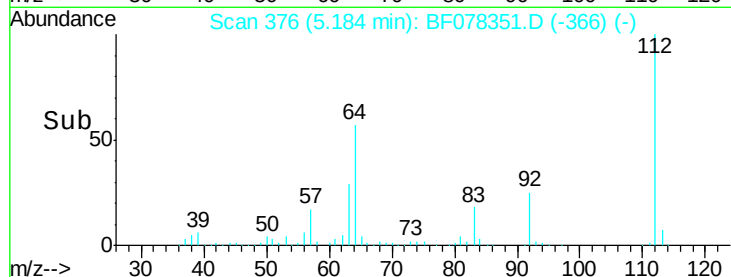
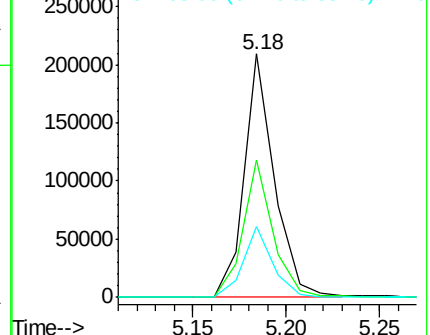
63 28.9 20.2 30.4



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: 95.54 ng

RT: 6.52 min Scan# 493

Delta R.T. 0.01 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

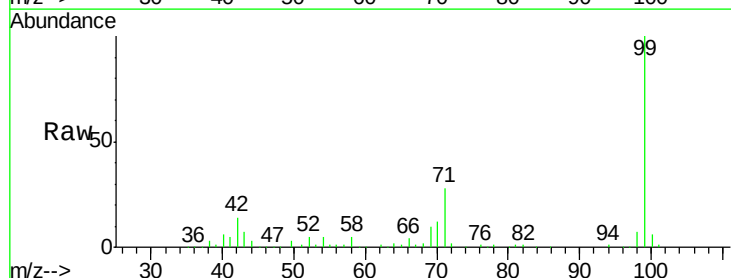
Tgt Ion: 99 Resp: 302593

Ion Ratio Lower Upper

99 100

42 13.8 14.8 22.2#

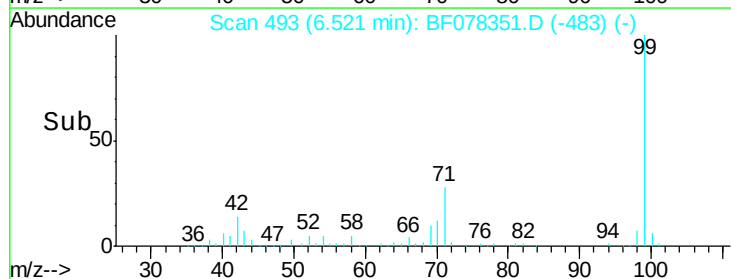
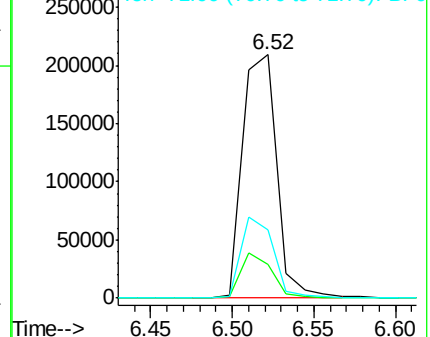
71 28.3 26.6 39.8

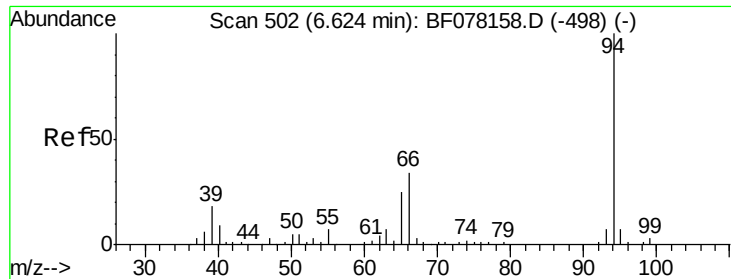


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.90 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

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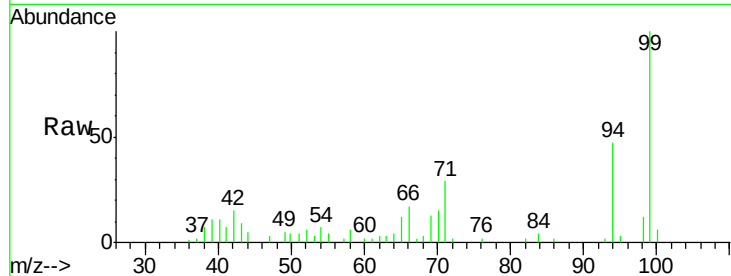
Tgt Ion: 94 Resp: 10994

Ion Ratio Lower Upper

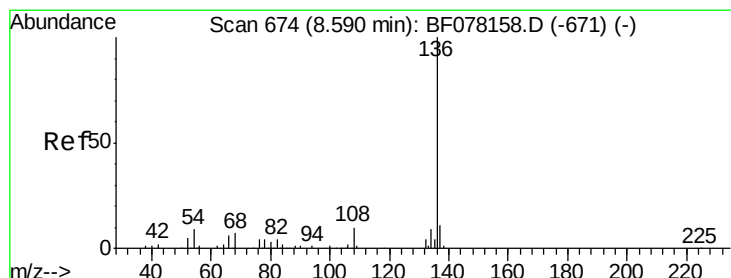
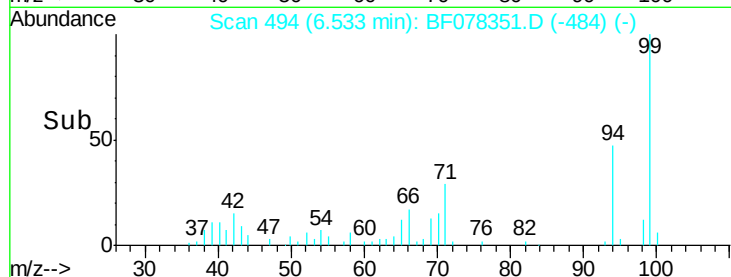
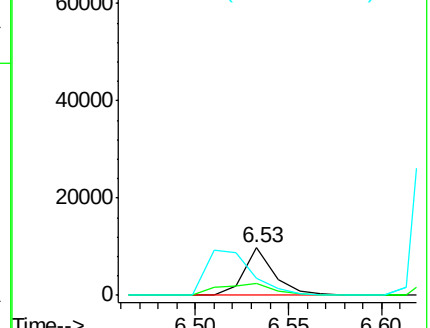
94 100

65 26.4 4.9 44.9

66 36.4 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

Tgt Ion: 136 Resp: 171116

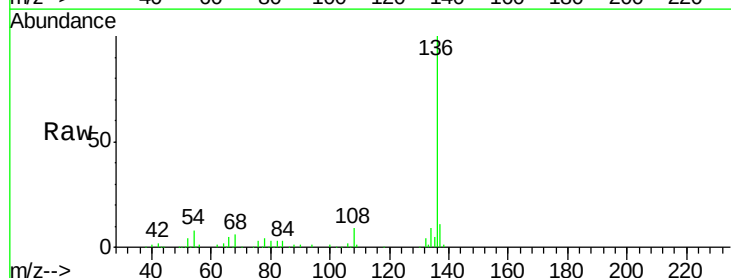
Ion Ratio Lower Upper

136 100

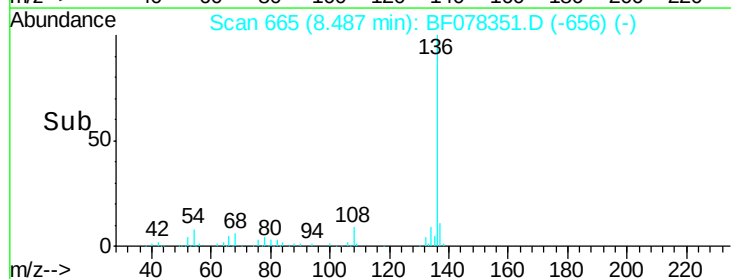
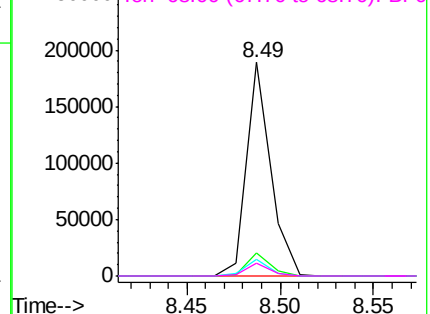
137 10.6 9.0 13.4

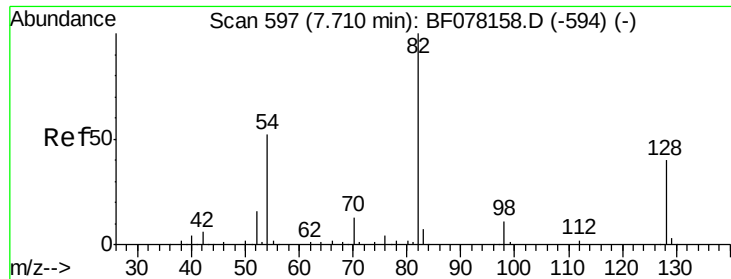
54 7.8 7.0 10.6

68 6.3 5.4 8.2



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

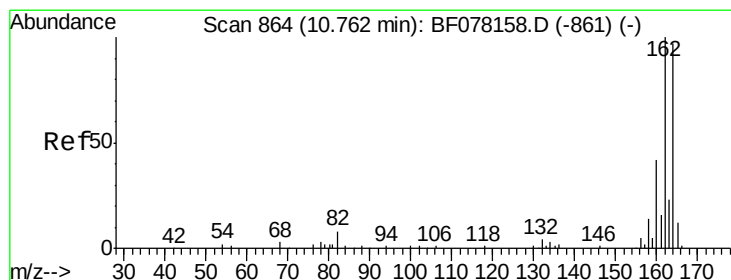
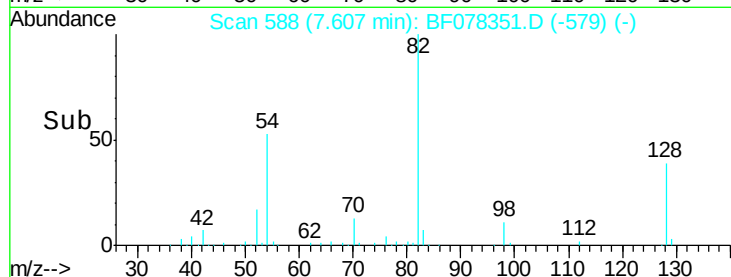
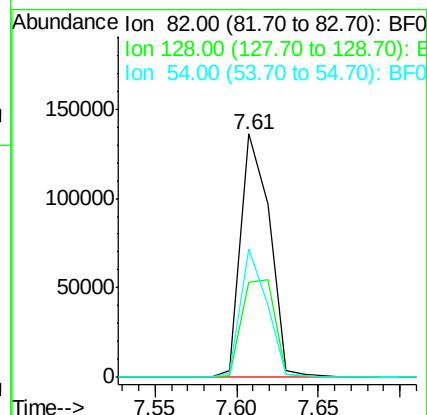
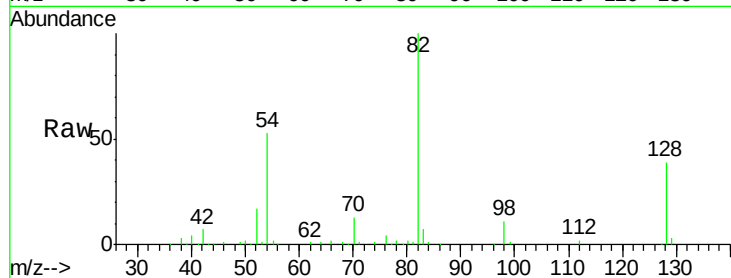




#23  
 Nitrobenzene-d5  
 Concen: 59.11 ng  
 RT: 7.61 min Scan# 588  
 Delta R.T. -0.00 min  
 Lab File: BF078351.D  
 Acq: 8 Apr 2015 23:25

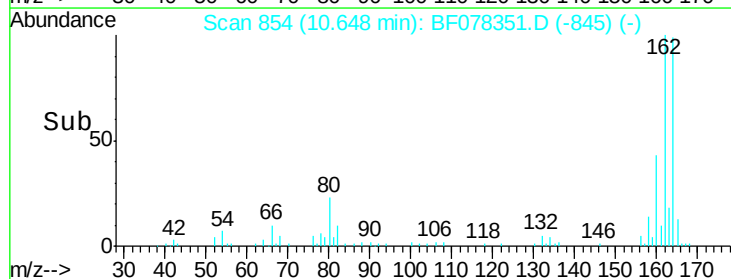
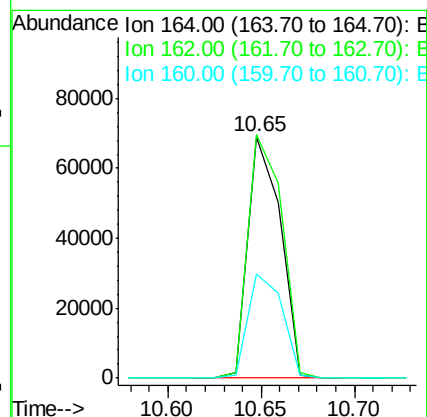
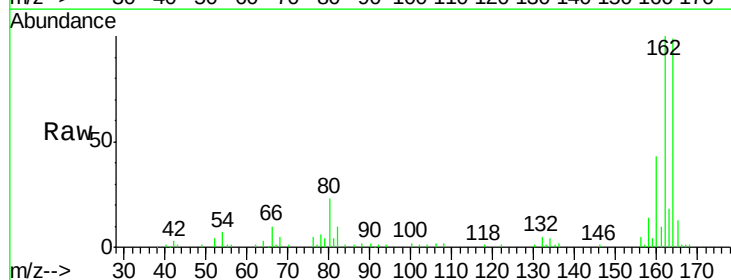
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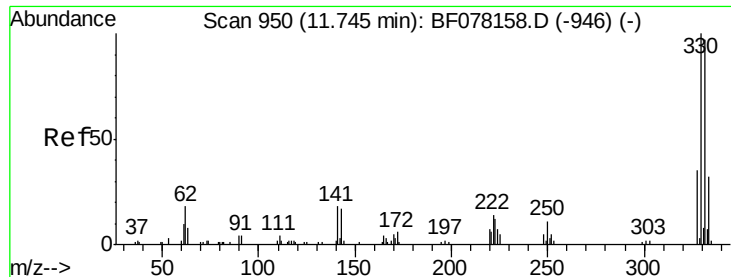
Tgt Ion: 82 Resp: 166859  
 Ion Ratio Lower Upper  
 82 100  
 128 39.0 31.8 47.8  
 54 52.8 41.5 62.3



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.65 min Scan# 854  
 Delta R.T. -0.00 min  
 Lab File: BF078351.D  
 Acq: 8 Apr 2015 23:25

Tgt Ion: 164 Resp: 83631  
 Ion Ratio Lower Upper  
 164 100  
 162 100.7 82.2 123.2  
 160 43.3 34.7 52.1

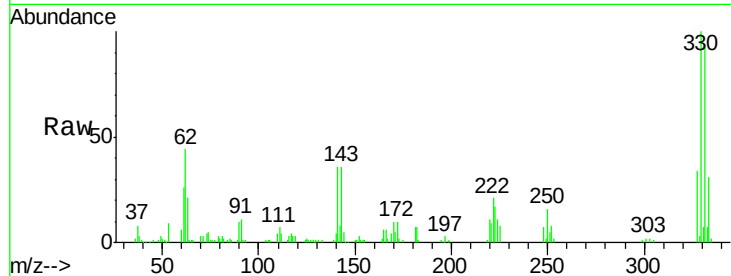




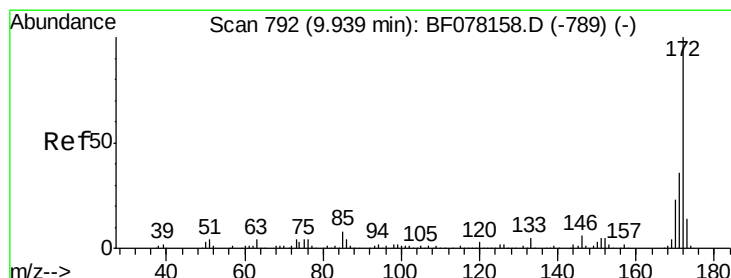
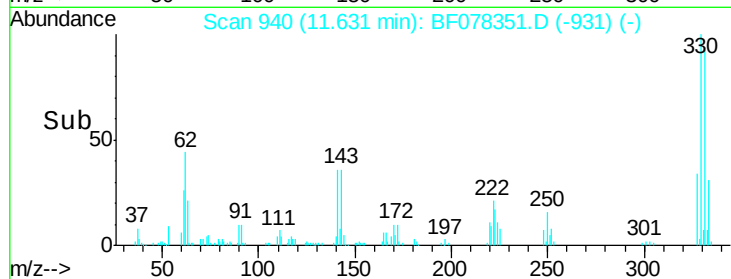
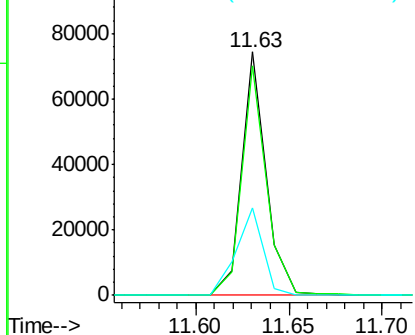
#41  
 2,4,6-Tribromophenol  
 Concen: 97.80 ng  
 RT: 11.63 min Scan# 940  
 Delta R.T. -0.00 min  
 Lab File: BF078351.D  
 Acq: 8 Apr 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:330 Resp: 67837  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 78.6 117.8  
 141 39.3 31.2 46.8

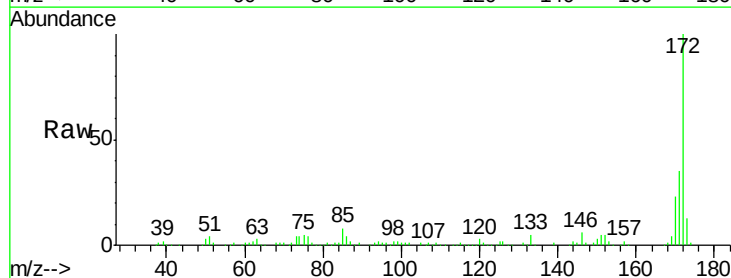


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

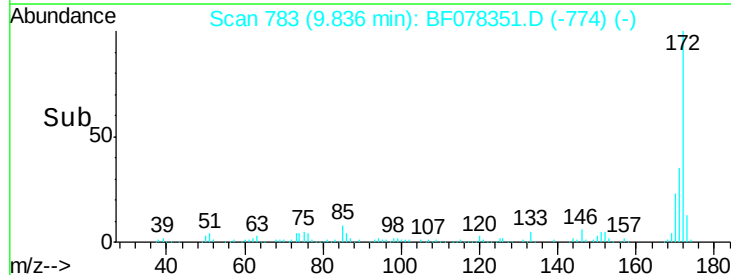
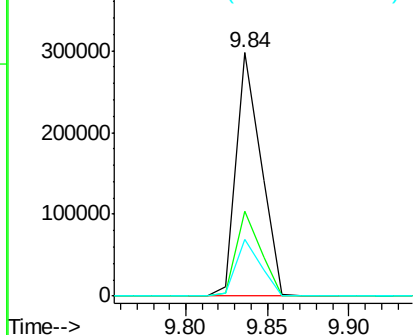


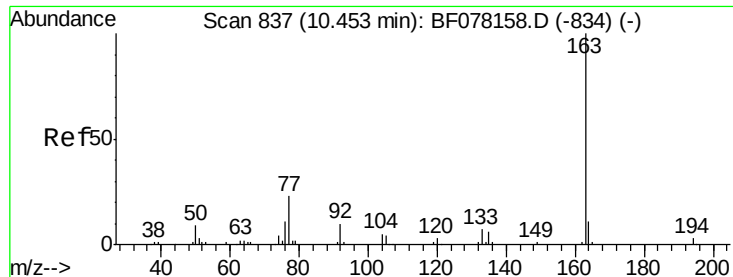
#44  
 2-Fluorobiphenyl  
 Concen: 53.19 ng  
 RT: 9.84 min Scan# 783  
 Delta R.T. -0.00 min  
 Lab File: BF078351.D  
 Acq: 8 Apr 2015 23:25

Tgt Ion:172 Resp: 311206  
 Ion Ratio Lower Upper  
 172 100  
 171 35.1 28.6 42.8  
 170 23.3 18.5 27.7



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





#49

Dimethylphthalate

Concen: 3.35 ng

RT: 10.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

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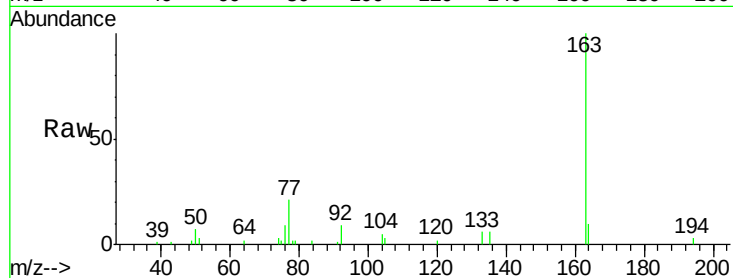
Tgt Ion:163 Resp: 21035

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

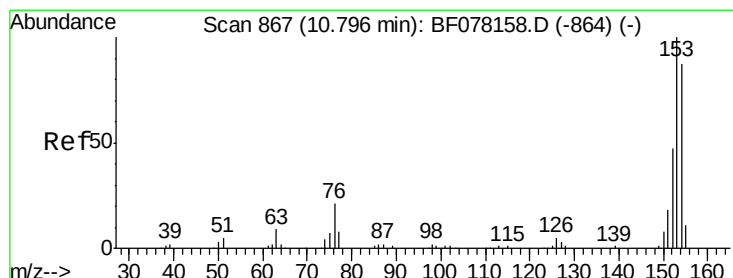
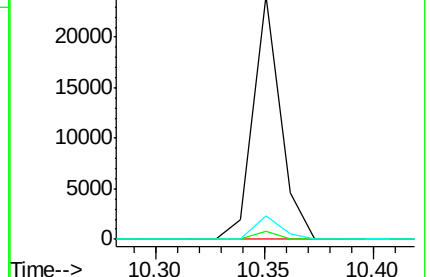
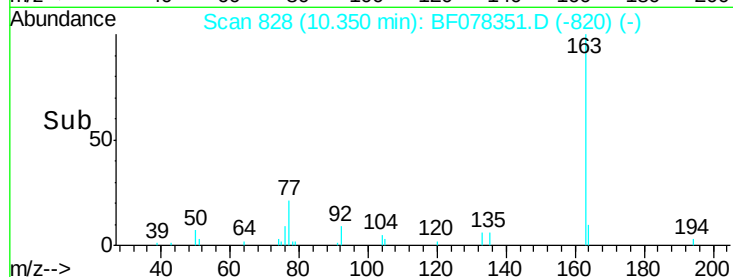
164 9.8 8.6 13.0



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: 3.84 ng

RT: 10.69 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

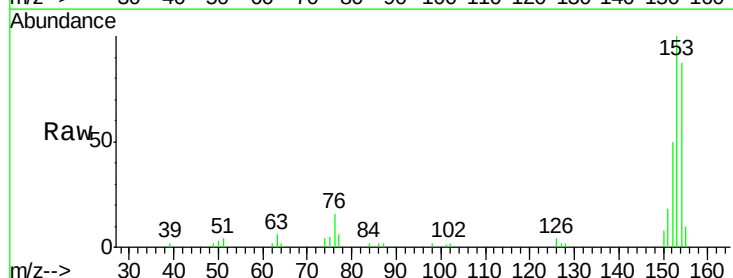
Tgt Ion:154 Resp: 18800

Ion Ratio Lower Upper

154 100

153 115.4 91.4 137.2

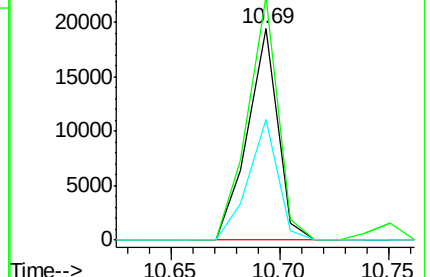
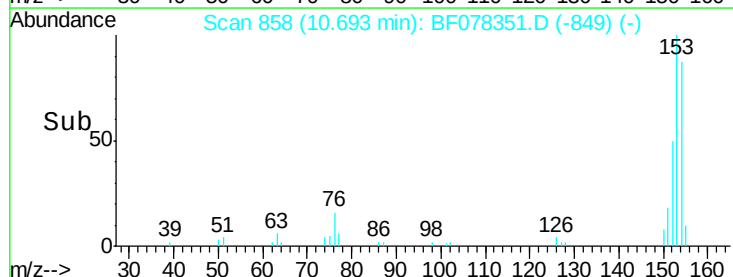
152 57.4 43.0 64.6



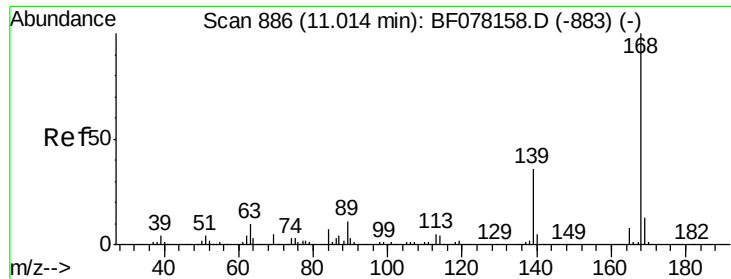
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



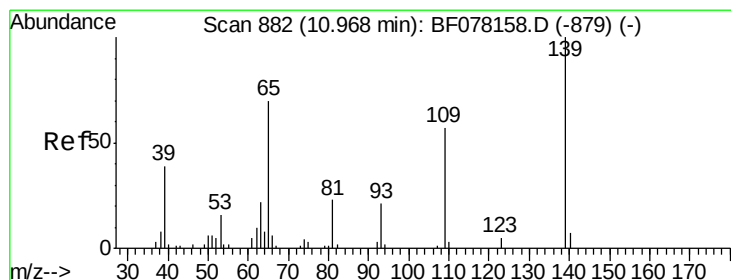
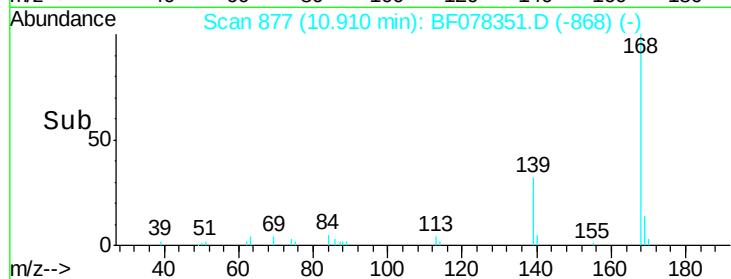
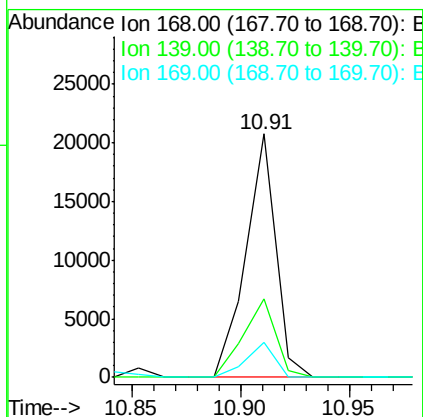
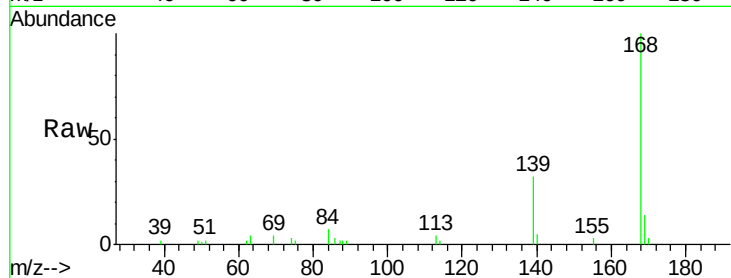




#54  
Dibenzofuran  
Concen: 2.66 ng  
RT: 10.91 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: BF078351.D  
Acq: 8 Apr 2015 23:25

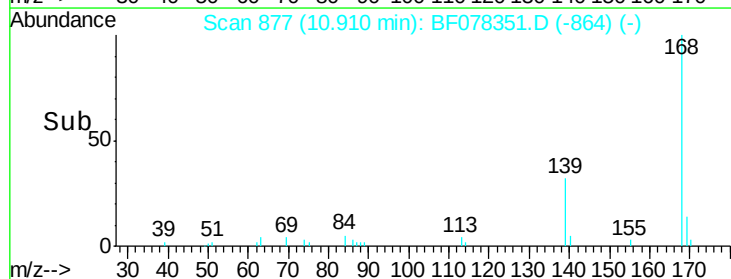
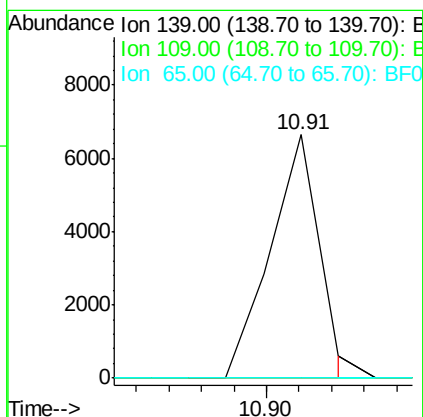
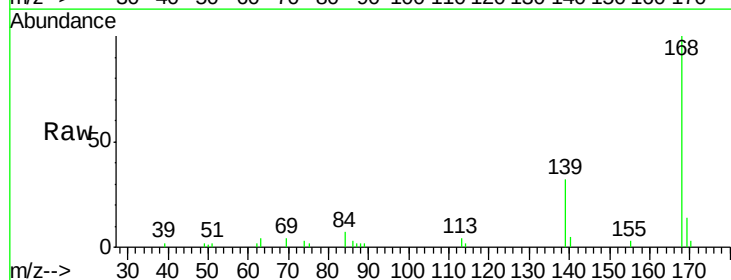
Instrument :  
BNA\_F  
ClientSampleId :  
OUTFALL-3

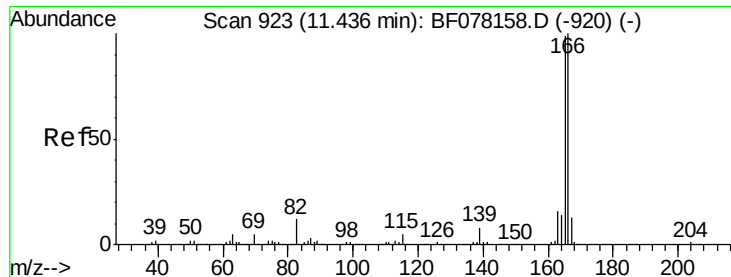
Tgt Ion:168 Resp: 19868  
Ion Ratio Lower Upper  
168 100  
139 32.0 31.0 46.4  
169 14.3 10.7 16.1



#55  
4-Nitrophenol  
Concen: 8.94 ng  
RT: 10.91 min Scan# 877  
Delta R.T. 0.05 min  
Lab File: BF078351.D  
Acq: 8 Apr 2015 23:25

Tgt Ion:139 Resp: 6923  
Ion Ratio Lower Upper  
139 100  
109 0.0 36.7 76.7#  
65 0.0 49.9 89.9#

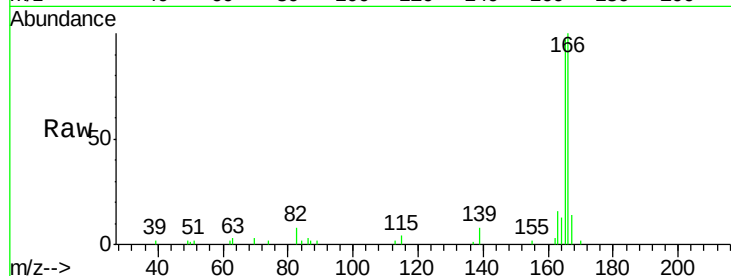




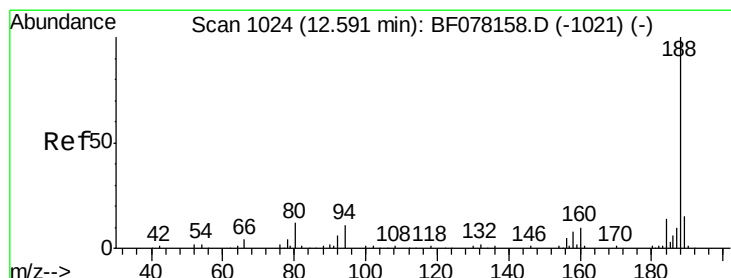
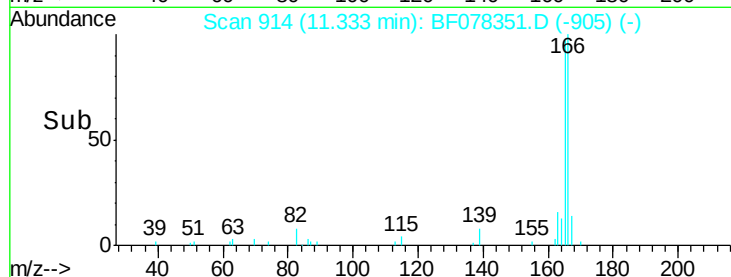
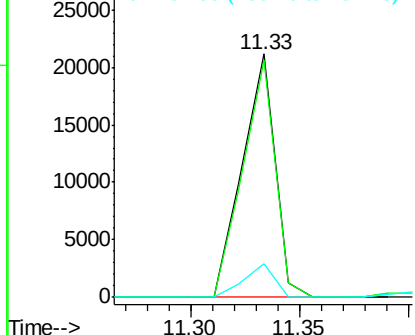
#57  
 Fluorene  
 Concen: 3.65 ng  
 RT: 11.33 min Scan# 914  
 Delta R.T. -0.00 min  
 Lab File: BF078351.D  
 Acq: 8 Apr 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OUTFALL-3

Tgt Ion:166 Resp: 22104  
 Ion Ratio Lower Upper  
 166 100  
 165 97.3 78.9 118.3  
 167 14.0 10.7 16.1

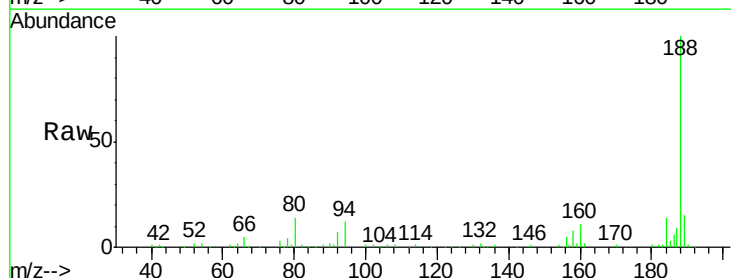


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

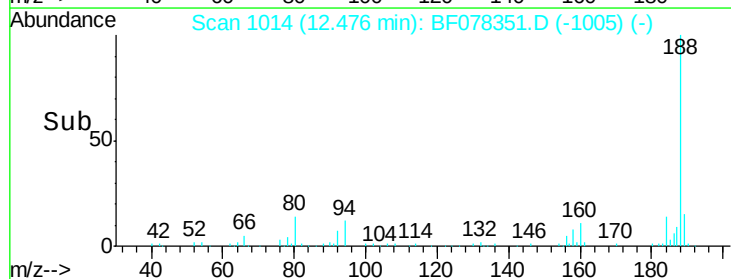
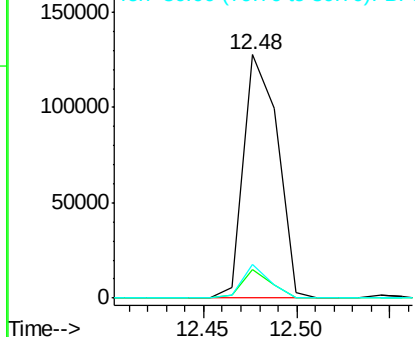


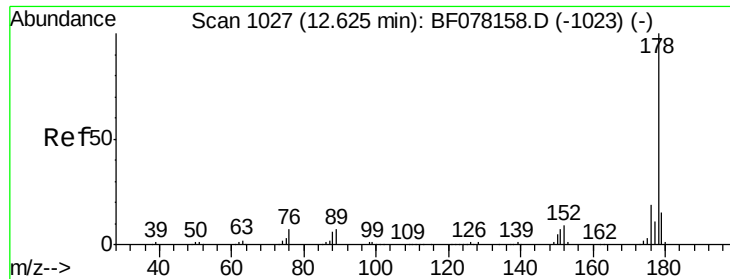
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 12.48 min Scan# 1014  
 Delta R.T. -0.00 min  
 Lab File: BF078351.D  
 Acq: 8 Apr 2015 23:25

Tgt Ion:188 Resp: 162229  
 Ion Ratio Lower Upper  
 188 100  
 94 11.9 9.0 13.4  
 80 14.0 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

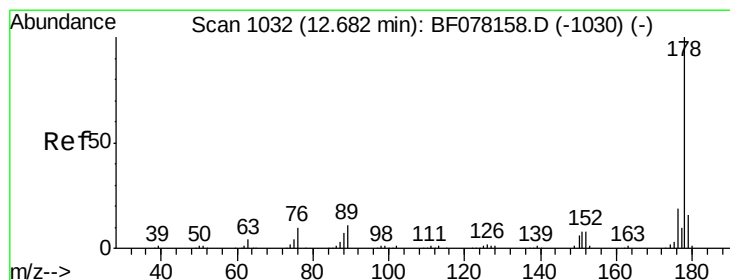
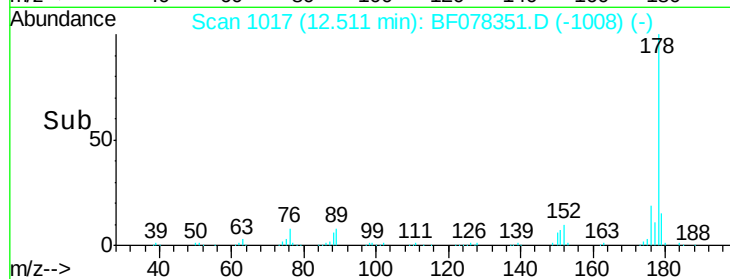
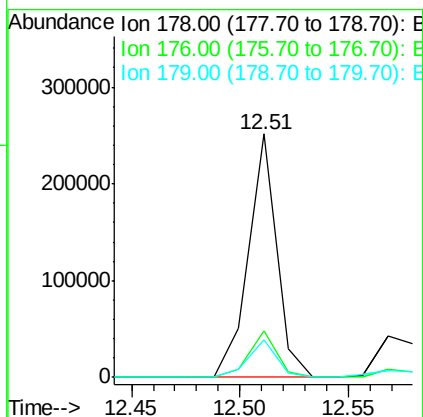
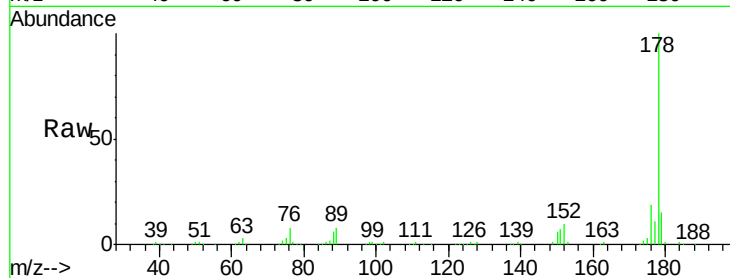




#70  
 Phenanthrene  
 Concen: 24.36 ng  
 RT: 12.51 min Scan# 1017  
 Delta R.T. -0.00 min  
 Lab File: BF078351.D  
 Acq: 8 Apr 2015 23:25

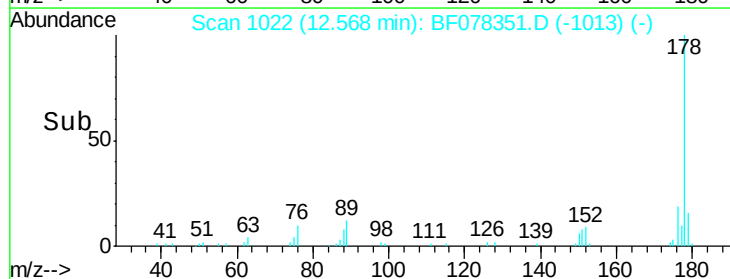
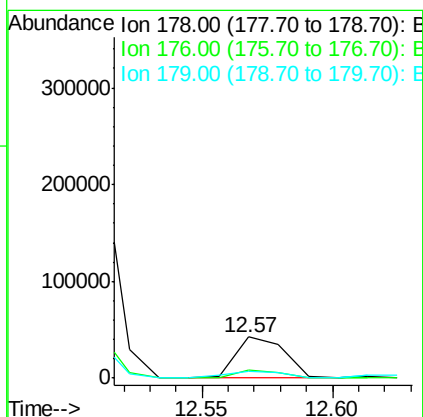
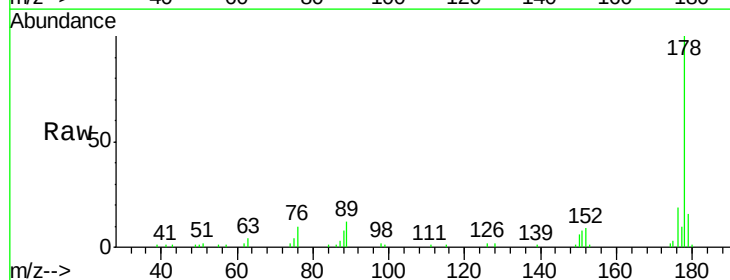
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OUTFALL-3

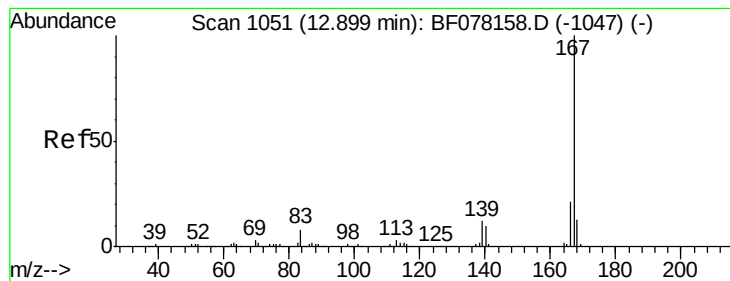
Tgt Ion:178 Resp: 228584  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 15.4 23.0  
 179 15.2 12.2 18.2



#71  
 Anthracene  
 Concen: 5.93 ng  
 RT: 12.57 min Scan# 1022  
 Delta R.T. -0.00 min  
 Lab File: BF078351.D  
 Acq: 8 Apr 2015 23:25

Tgt Ion:178 Resp: 54800  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 14.8 22.2  
 179 16.0 12.4 18.6





#72

Carbazole

Concen: 3.36 ng

RT: 12.78 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

OUTFALL-3

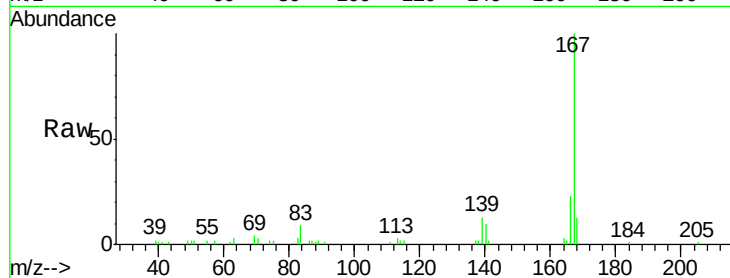
Tgt Ion:167 Resp: 29115

Ion Ratio Lower Upper

167 100

166 22.6 16.8 25.2

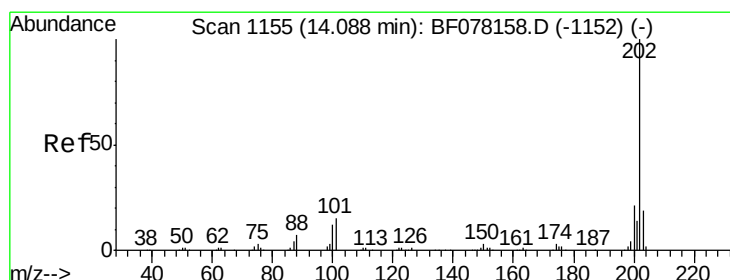
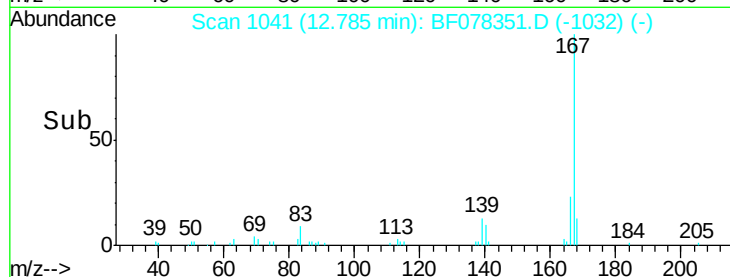
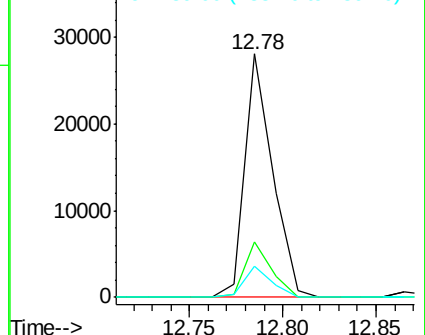
139 13.0 10.0 15.0



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: 30.66 ng

RT: 13.97 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

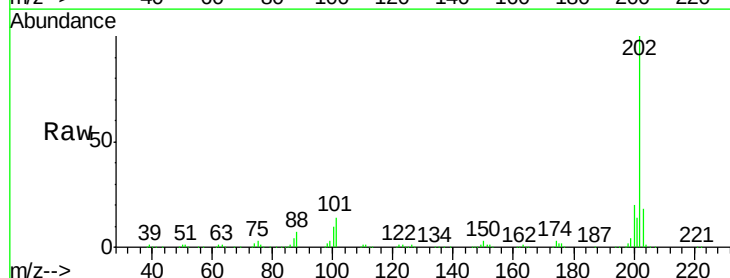
Tgt Ion:202 Resp: 303403

Ion Ratio Lower Upper

202 100

101 14.0 0.0 35.2

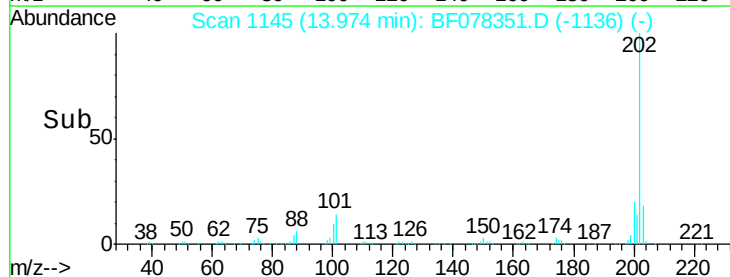
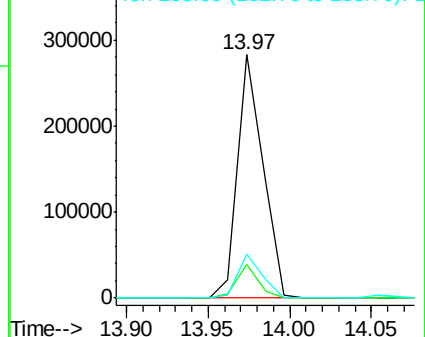
203 17.8 0.0 38.5

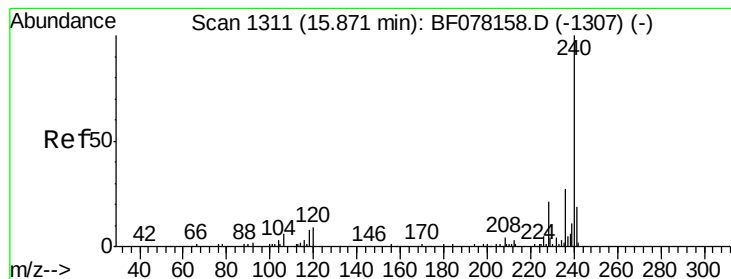


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.76 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

OUTFALL-3

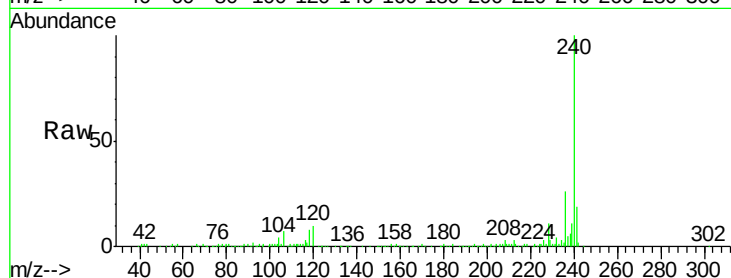
Tgt Ion:240 Resp: 177133

Ion Ratio Lower Upper

240 100

120 9.8 7.1 10.7

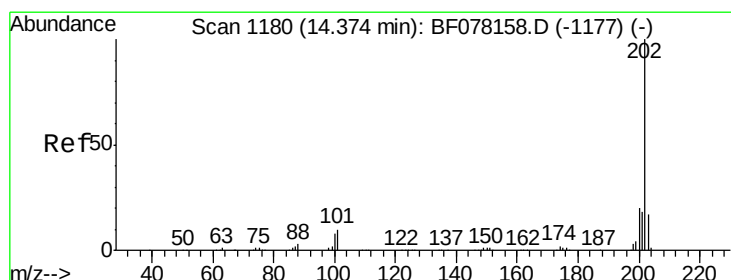
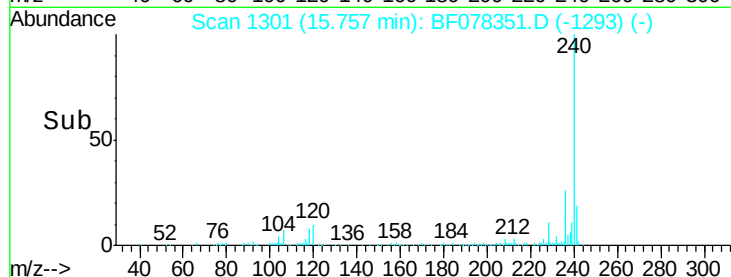
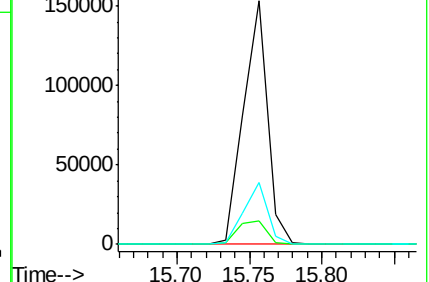
236 25.6 21.4 32.2



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: 22.38 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

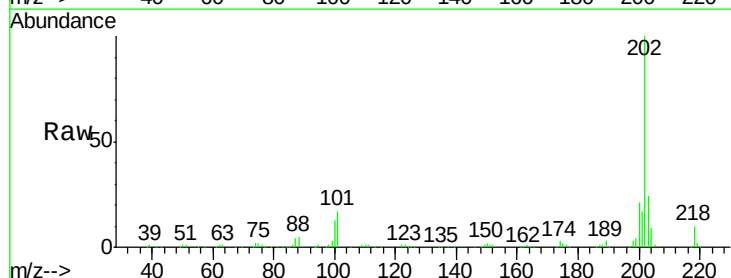
Tgt Ion:202 Resp: 248862

Ion Ratio Lower Upper

202 100

200 21.2 16.3 24.5

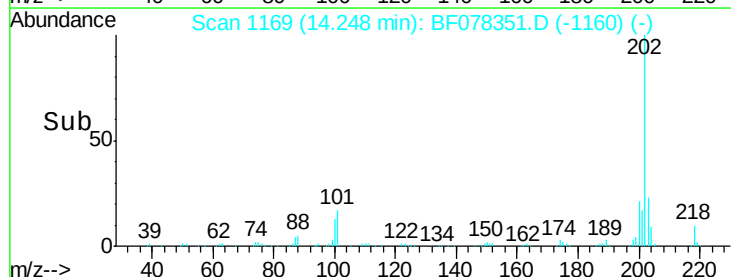
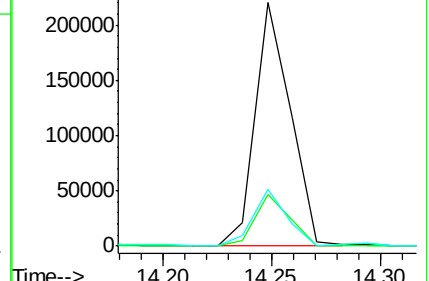
203 23.5 13.8 20.6#

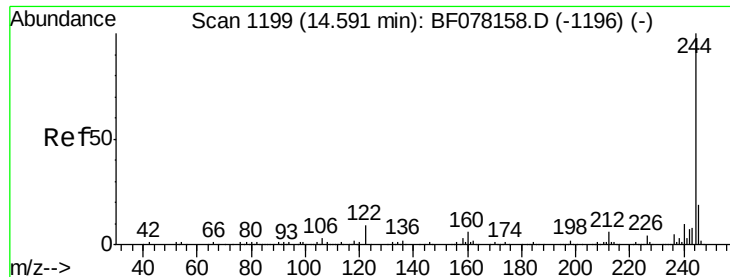


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 40.61 ng

RT: 14.48 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

OUTFALL-3

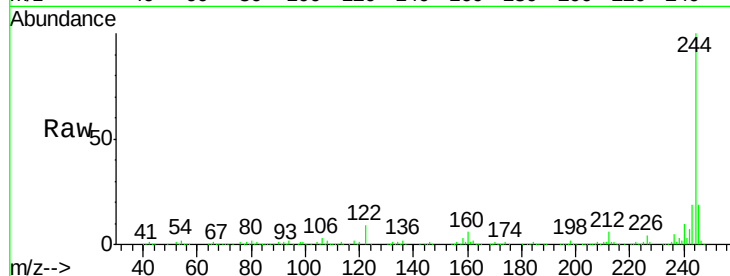
Tgt Ion:244 Resp: 318323

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

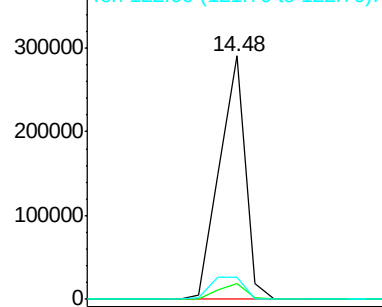
122 9.1 7.1 10.7



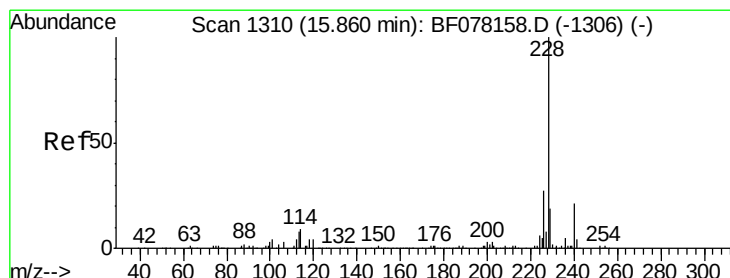
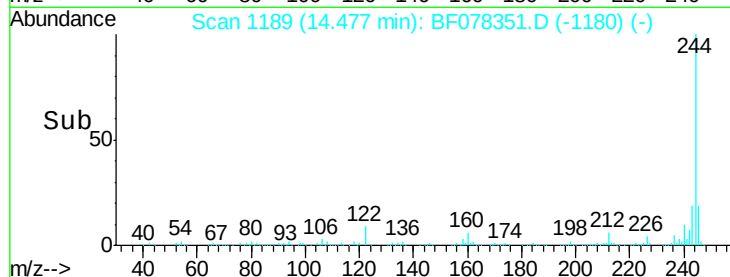
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 13.57 ng

RT: 15.75 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

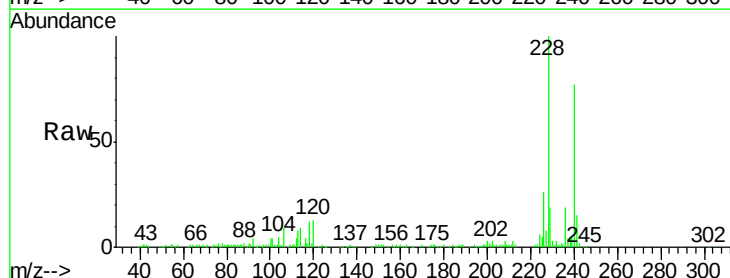
Tgt Ion:228 Resp: 143063

Ion Ratio Lower Upper

228 100

226 26.5 21.3 31.9

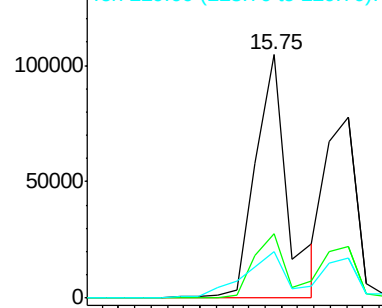
229 19.3 15.4 23.2



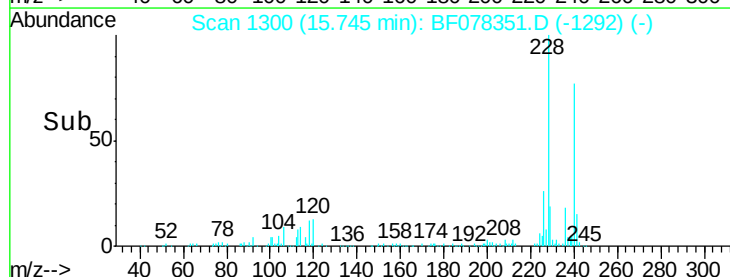
Abundance Ion 228.00 (227.70 to 228.70): E

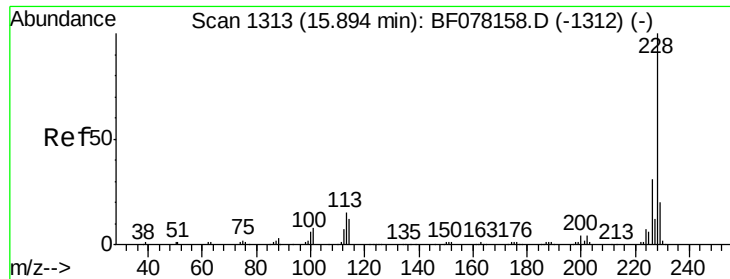
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#82

Chrysene

Concen: 10.46 ng

RT: 15.79 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

OUTFALL-3

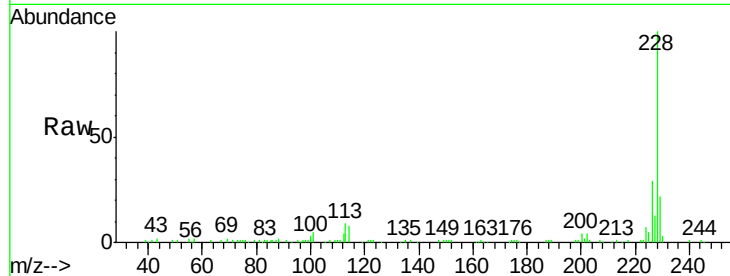
Tgt Ion:228 Resp: 103531

Ion Ratio Lower Upper

228 100

226 28.9 24.2 36.4

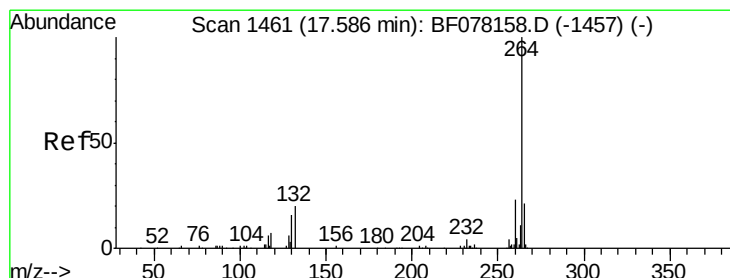
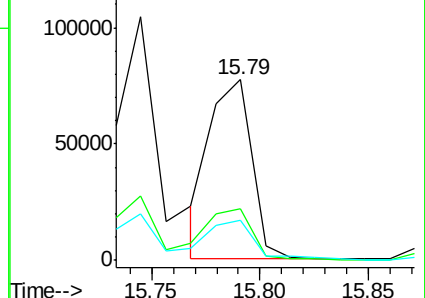
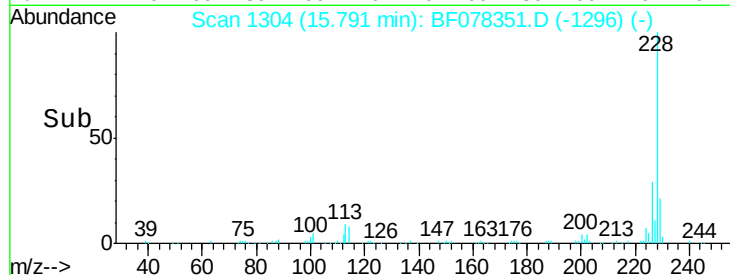
229 22.1 15.8 23.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.52 min Scan# 1455

Delta R.T. -0.06 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

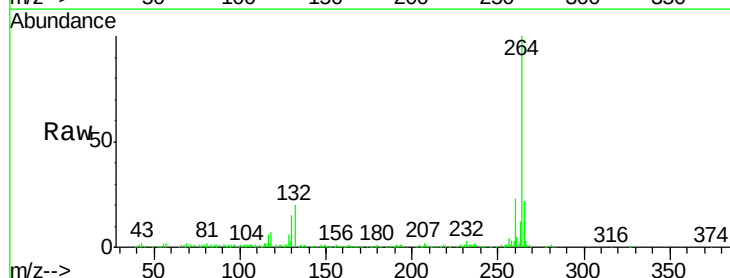
Tgt Ion:264 Resp: 166815

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

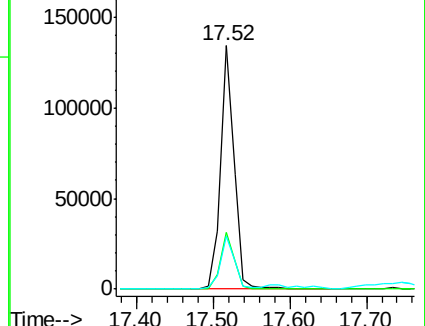
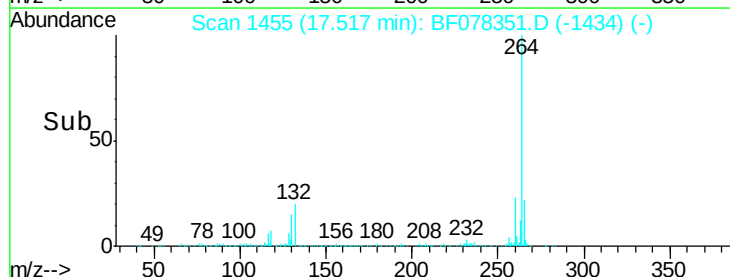
265 21.5 17.0 25.6

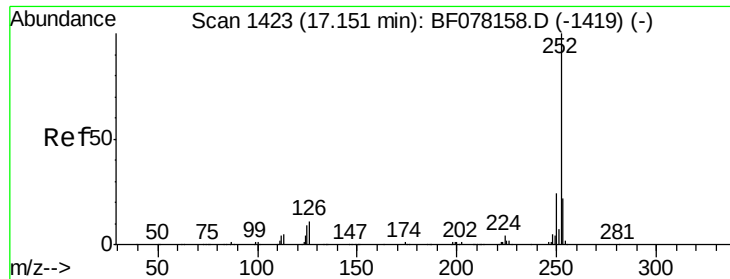


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 18.90 ng

RT: 17.06 min Scan# 1415

Delta R.T. -0.05 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

OUTFALL-3

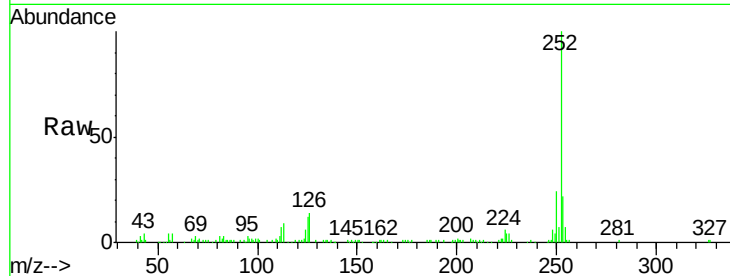
Tgt Ion:252 Resp: 194819

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

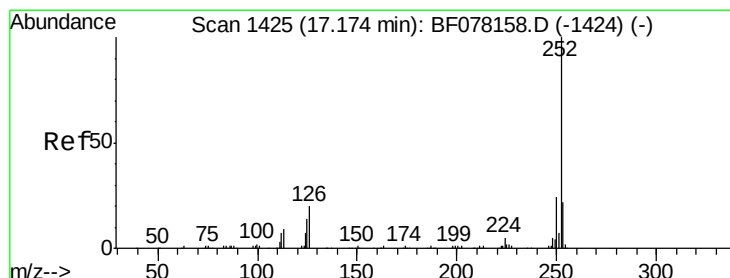
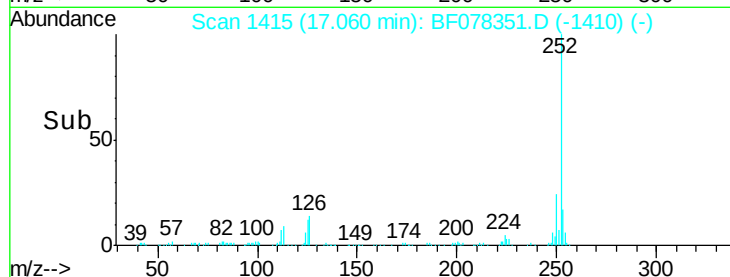
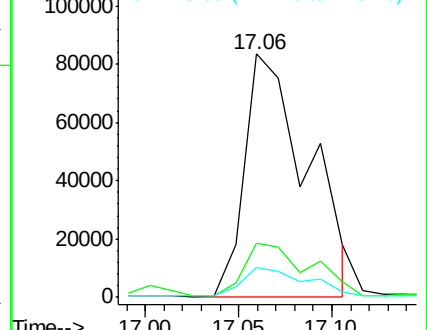
125 12.2 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 21.53 ng

RT: 17.06 min Scan# 1415

Delta R.T. -0.08 min

Lab File: BF078351.D

Acq: 8 Apr 2015 23:25

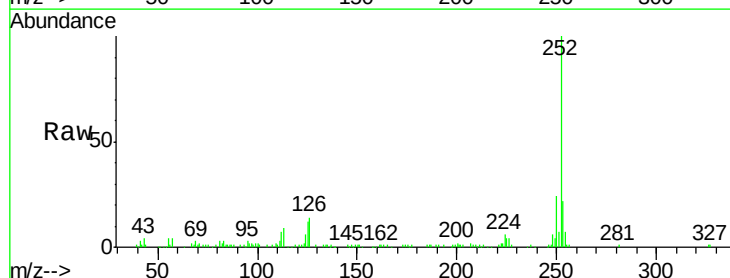
Tgt Ion:252 Resp: 197226

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

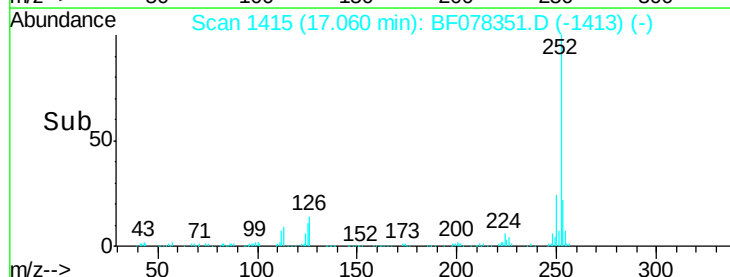
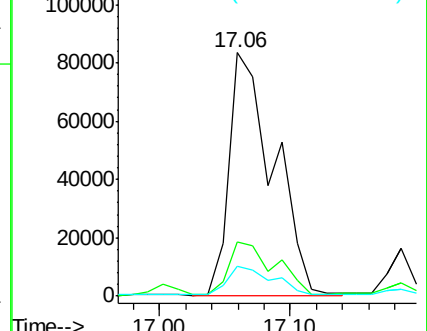
125 12.2 11.6 17.4



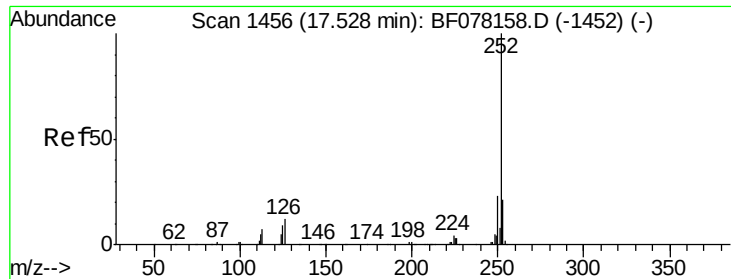
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



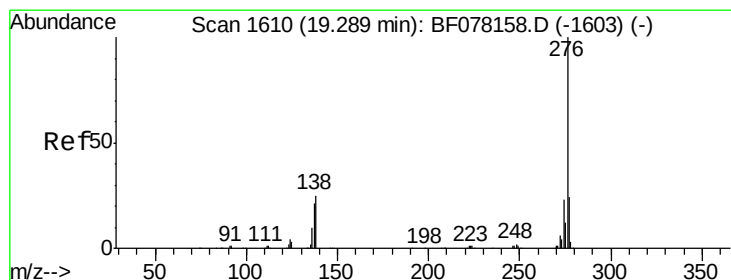
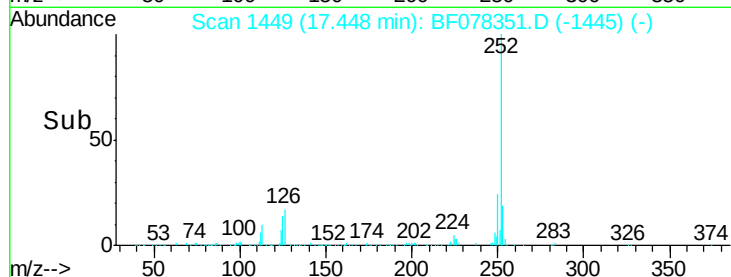
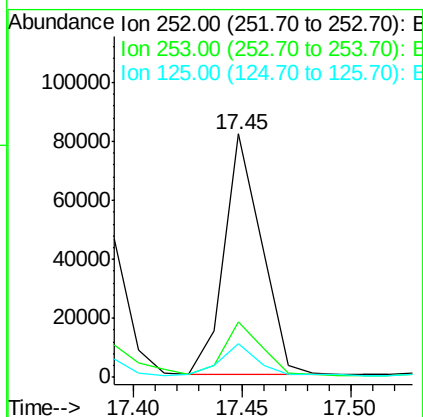
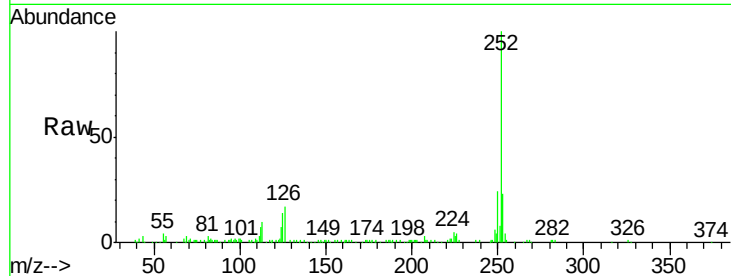




#89  
Benzo(a)pyrene  
Concen: 10.81 ng  
RT: 17.45 min Scan# 1449  
Delta R.T. -0.06 min  
Lab File: BF078351.D  
Acq: 8 Apr 2015 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
OUTFALL-3

Tgt Ion:252 Resp: 97290  
Ion Ratio Lower Upper  
252 100  
253 22.8 16.8 25.2  
125 13.8 7.4 11.0#



#91  
Benzo(g,h,i)perylene  
Concen: 6.04 ng  
RT: 19.17 min Scan# 1600  
Delta R.T. -0.08 min  
Lab File: BF078351.D  
Acq: 8 Apr 2015 23:25

Tgt Ion:276 Resp: 54579  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.0 28.4  
138 27.3 19.9 29.9

