

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080115\  
 Data File : BF080775.D  
 Acq On : 1 Aug 2015 12:18  
 Operator : TP/UM  
 Sample : G3128-03  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-ABUT-3(0-2)

Quant Time: Aug 03 02:17:24 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF073015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 31 01:45:22 2015  
 Response via : Initial Calibration

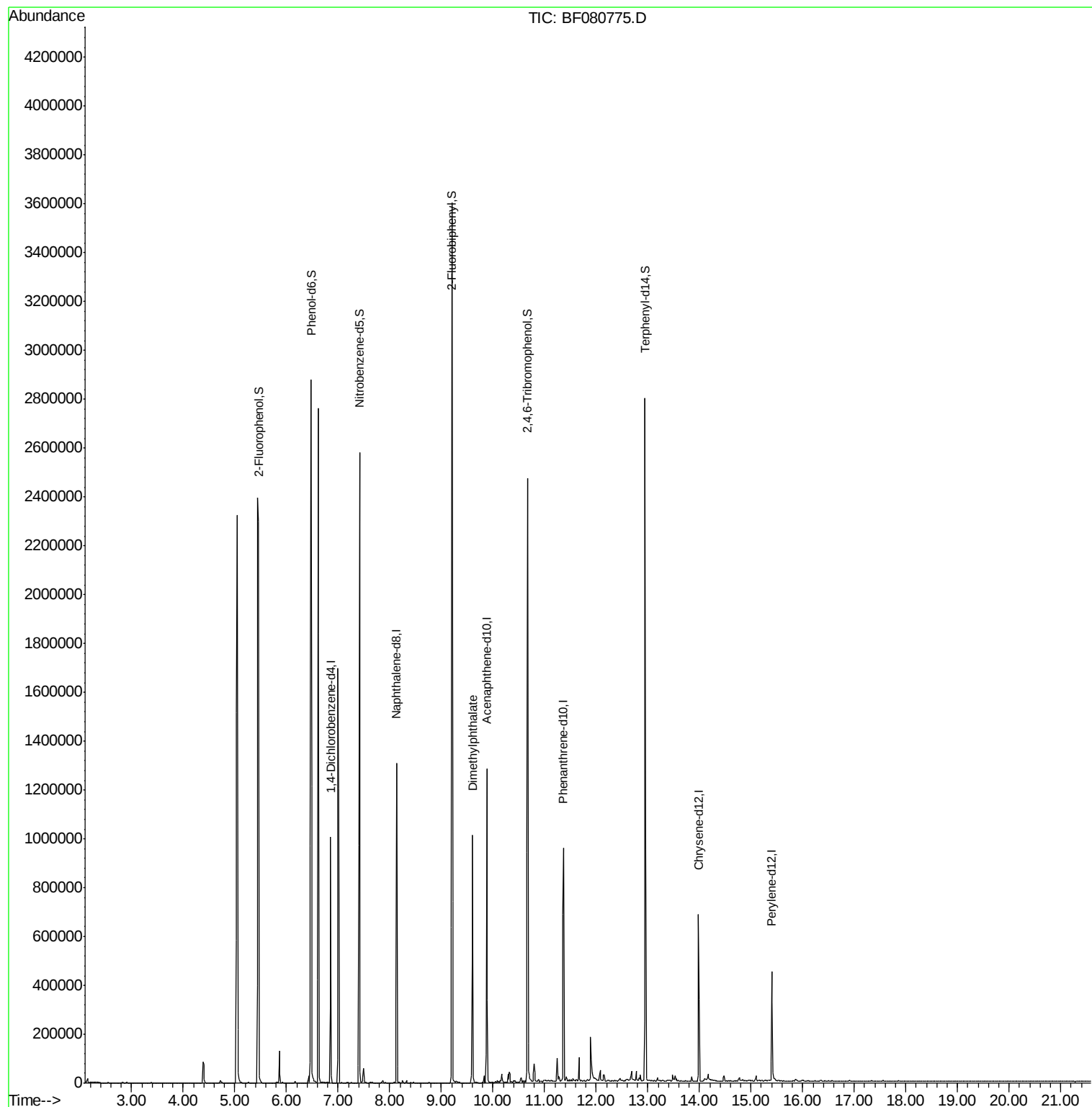
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 140212   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.13  | 136  | 529856   | 20.00  | ng    | -0.01        |
| 38) Acenaphthene-d10        | 9.88  | 164  | 245012   | 20.00  | ng    | -0.01        |
| 63) Phenanthrene-d10        | 11.37 | 188  | 448641   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 13.99 | 240  | 273342   | 20.00  | ng    | -0.01        |
| 86) Perylene-d12            | 15.40 | 264  | 245098   | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.46  | 112  | 873414   | 106.86 | ng    | 0.01         |
| 7) Phenol-d6                | 6.48  | 99   | 1151612  | 103.50 | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 810223   | 74.05  | ng    | -0.01        |
| 41) 2,4,6-Tribromophenol    | 10.67 | 330  | 294785   | 115.95 | ng    | -0.01        |
| 44) 2-Fluorobiphenyl        | 9.21  | 172  | 1117946  | 68.07  | ng    | -0.01        |
| 78) Terphenyl-d14           | 12.95 | 244  | 902449   | 62.44  | ng    | -0.01        |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.61  | 163  | 483269   | 27.99  | ng    | Qvalue<br>98 |

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

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QLast Update : Fri Jul 31 01:45:22 2015  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Instrument :

BNA\_F

ClientSampleId :

EAST-ABUT-3(0-2)

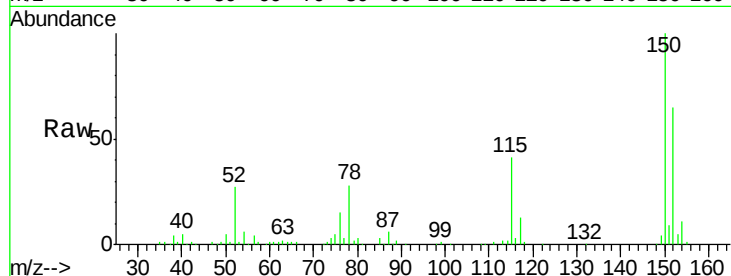
Tgt Ion:152 Resp: 140212

Ion Ratio Lower Upper

152 100

150 154.7 129.6 194.4

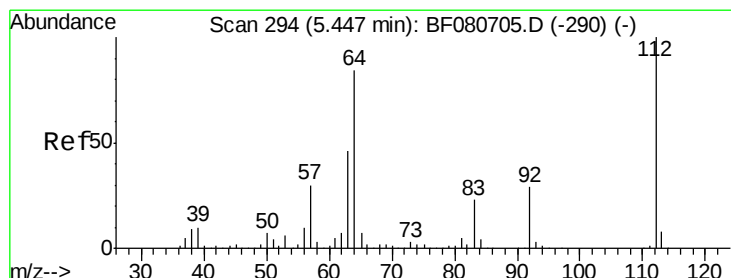
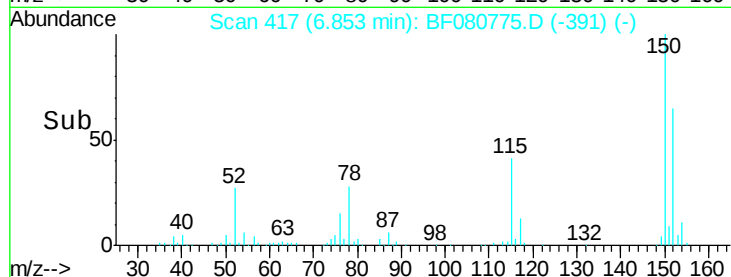
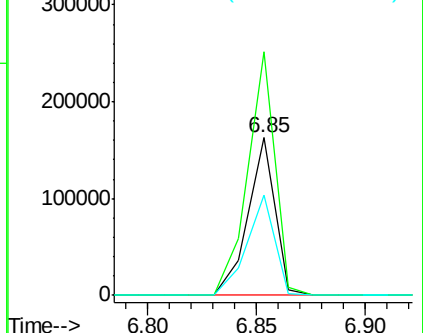
115 63.9 56.6 85.0



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: 106.86 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

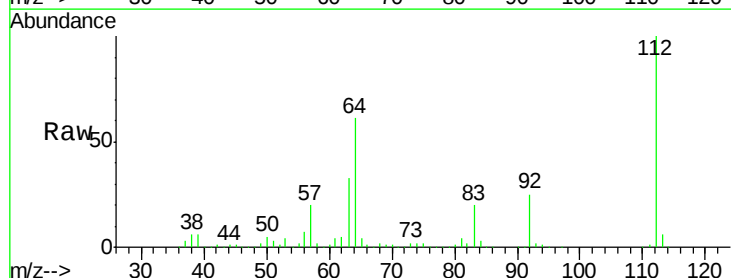
Tgt Ion:112 Resp: 873414

Ion Ratio Lower Upper

112 100

64 60.7 66.8 100.2#

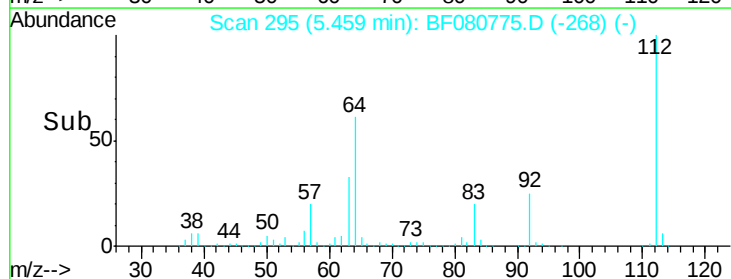
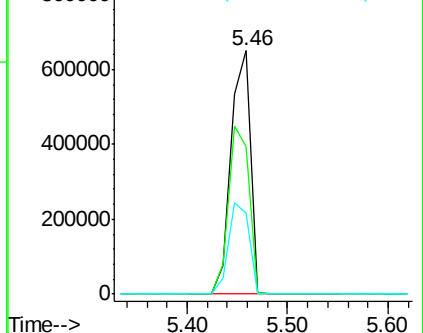
63 33.2 36.7 55.1#

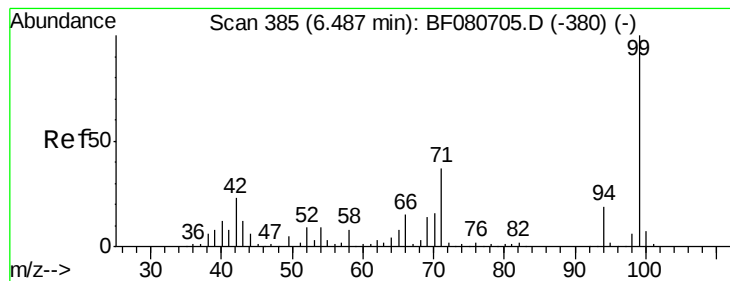


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.50 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Instrument :

BNA\_F

ClientSampleId :

EAST-ABUT-3(0-2)

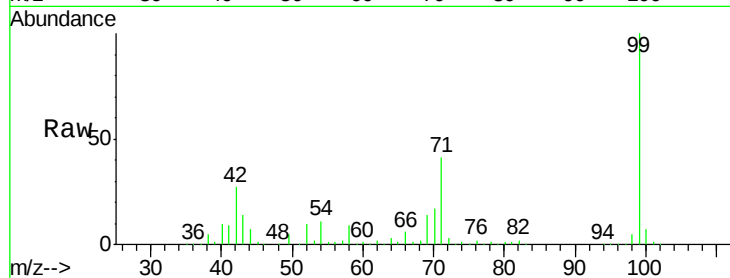
Tgt Ion: 99 Resp: 1151612

Ion Ratio Lower Upper

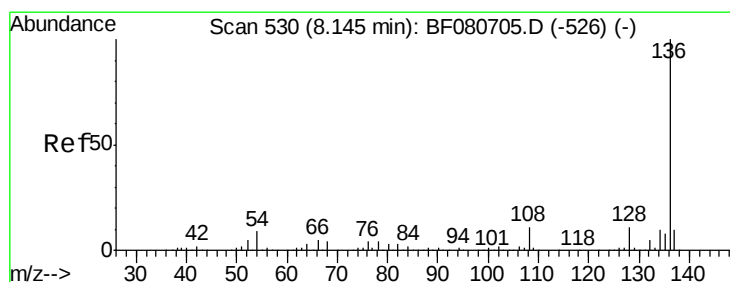
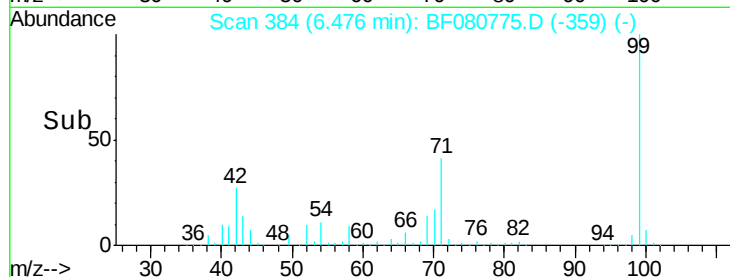
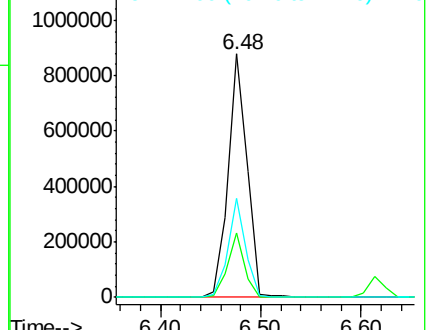
99 100

42 26.6 18.2 27.2

71 40.9 29.5 44.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Tgt Ion: 136 Resp: 529856

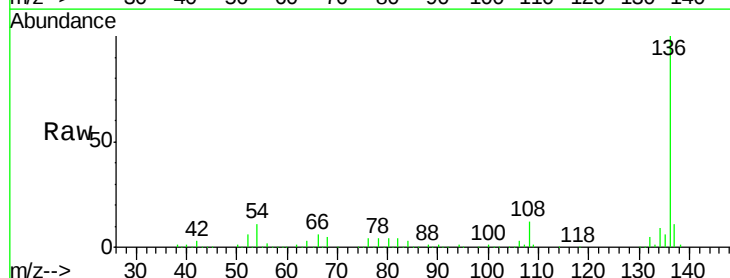
Ion Ratio Lower Upper

136 100

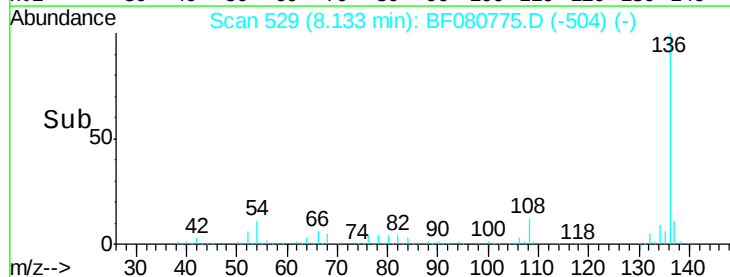
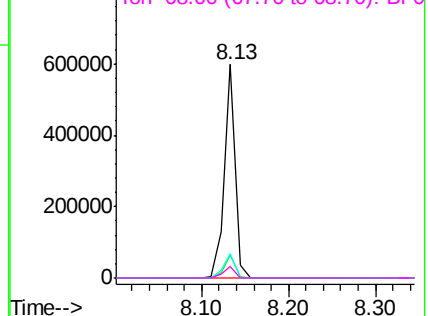
137 10.9 8.4 12.6

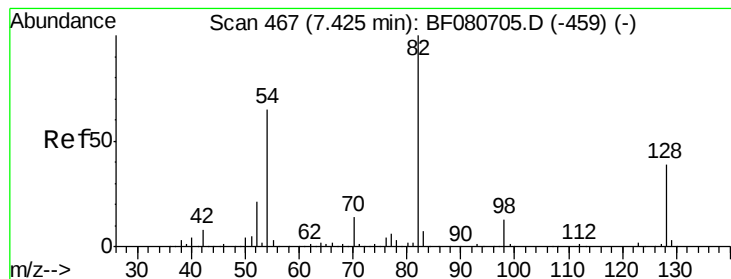
54 11.2 6.9 10.3#

68 5.3 3.5 5.3#



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: 74.05 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Instrument :

BNA\_F

ClientSampleId :

EAST-ABUT-3(0-2)

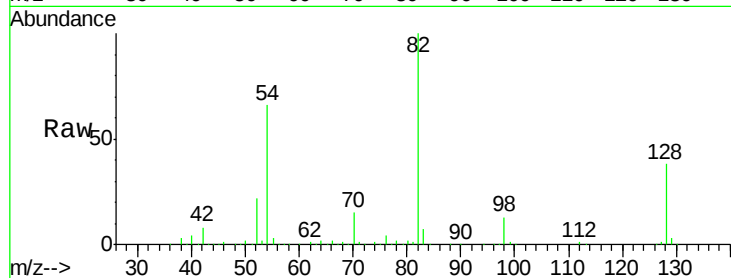
Tgt Ion: 82 Resp: 810223

Ion Ratio Lower Upper

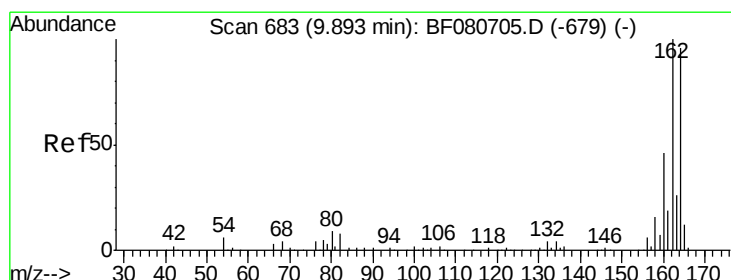
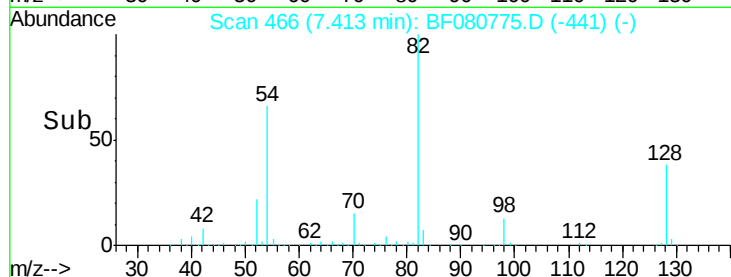
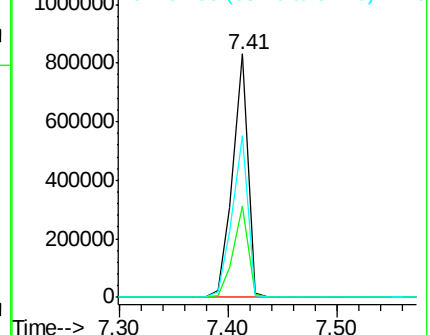
82 100

128 37.7 31.5 47.3

54 66.5 51.8 77.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

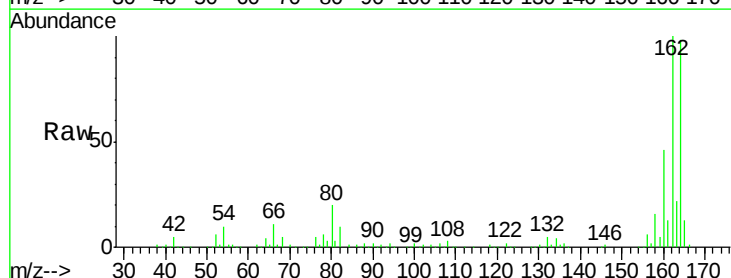
Tgt Ion: 164 Resp: 245012

Ion Ratio Lower Upper

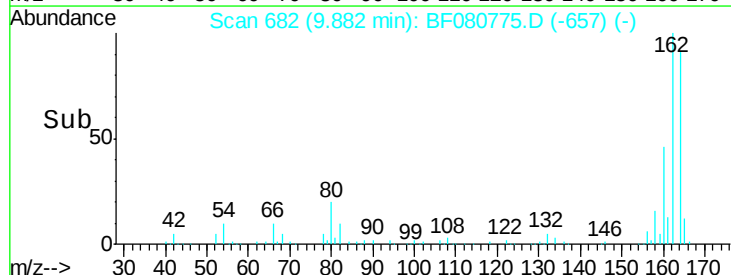
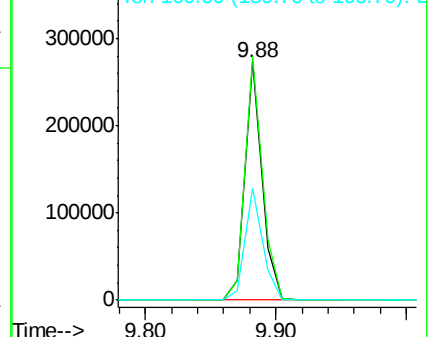
164 100

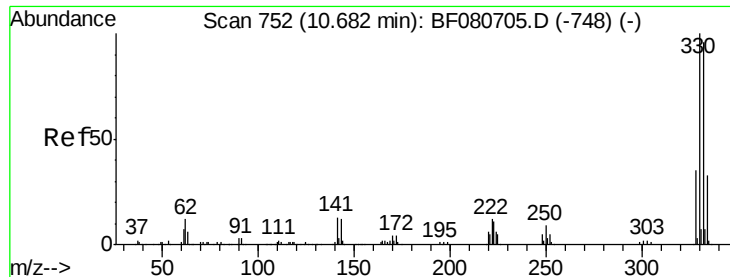
162 102.2 83.4 125.0

160 47.1 38.0 57.0



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

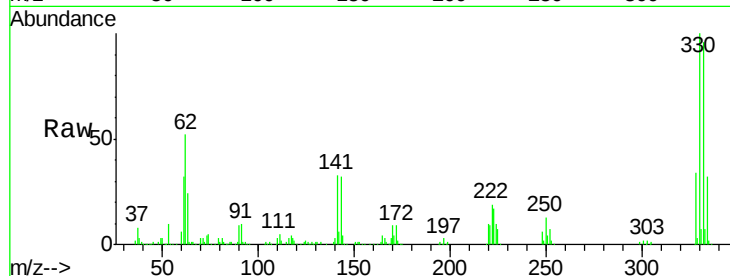




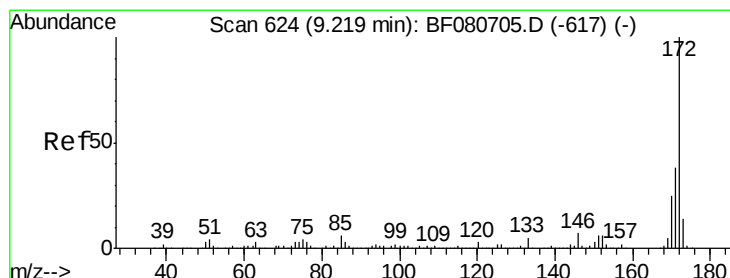
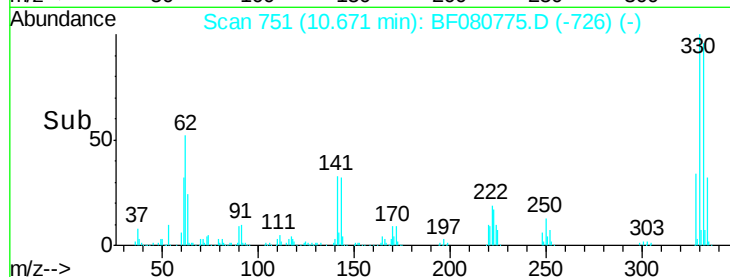
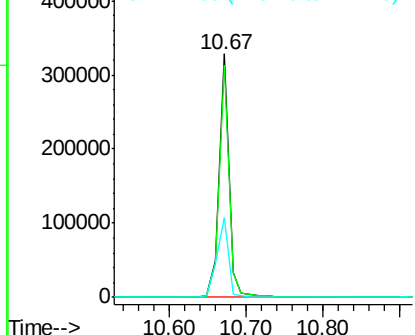
#41  
 2,4,6-Tribromophenol  
 Concen: 115.95 ng  
 RT: 10.67 min Scan# 751  
 Delta R.T. -0.01 min  
 Lab File: BF080775.D  
 Acq: 1 Aug 2015 12:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-ABUT-3(0-2)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.5  | 76.6  | 114.8 |
| 141     | 38.4  | 26.0  | 39.0  |

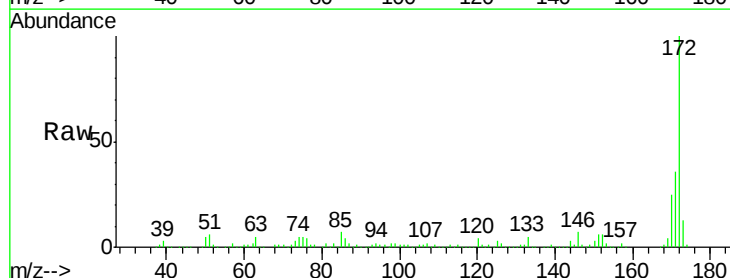


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

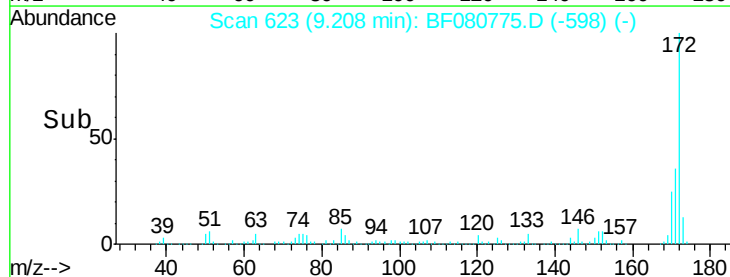
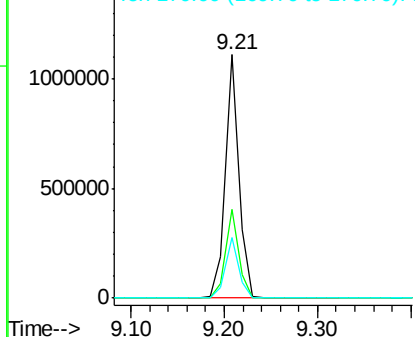


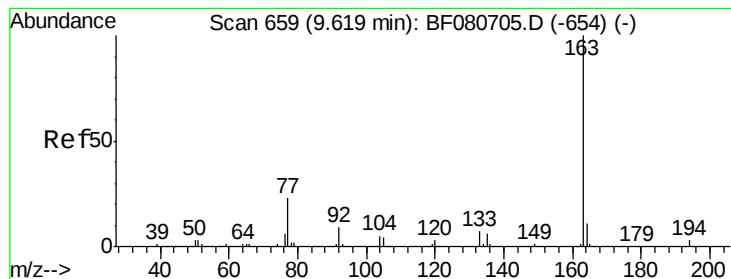
#44  
 2-Fluorobiphenyl  
 Concen: 68.07 ng  
 RT: 9.21 min Scan# 623  
 Delta R.T. -0.01 min  
 Lab File: BF080775.D  
 Acq: 1 Aug 2015 12:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 30.2  | 45.4  |
| 170     | 24.7  | 20.2  | 30.2  |



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





#49

Dimethylphthalate

Concen: 27.99 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Instrument :

BNA\_F

ClientSampleId :

EAST-ABUT-3(0-2)

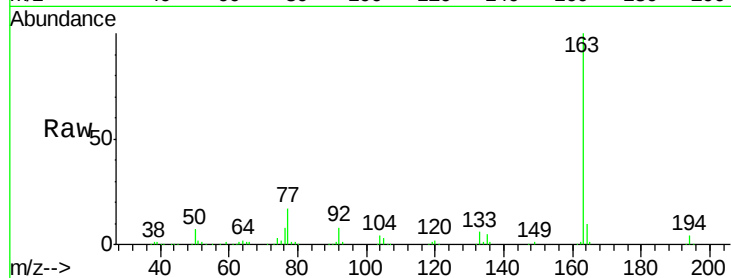
Tgt Ion:163 Resp: 483269

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

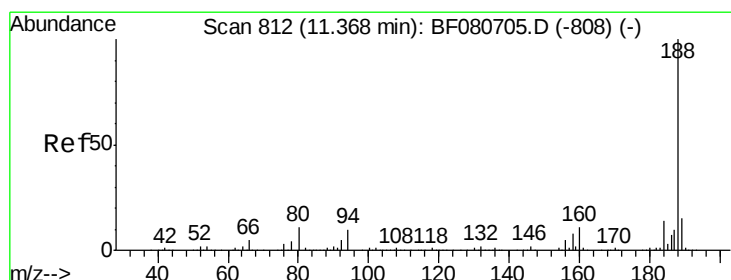
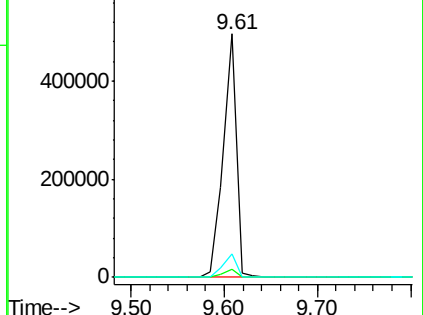
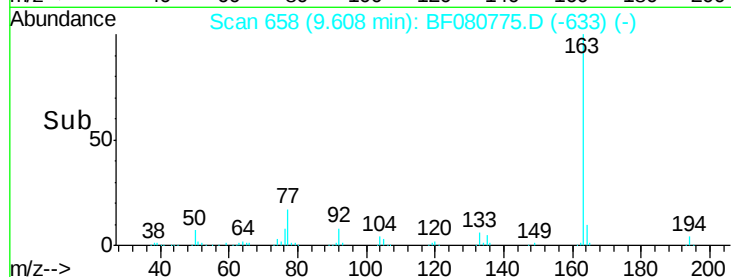
164 9.8 8.7 13.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

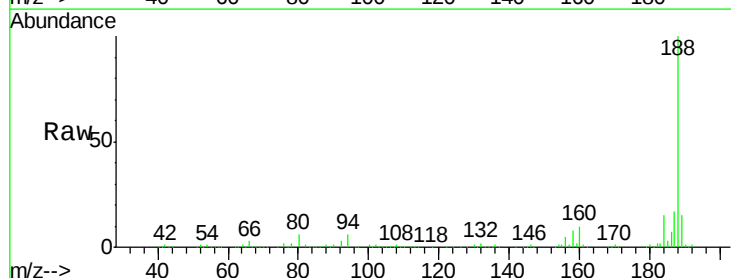
Tgt Ion:188 Resp: 448641

Ion Ratio Lower Upper

188 100

94 6.3 8.1 12.1#

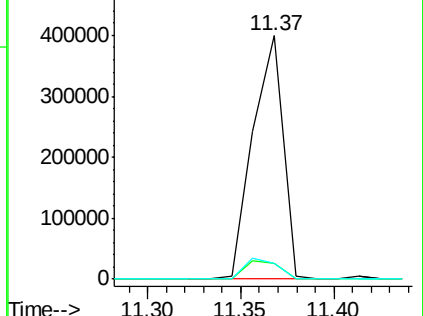
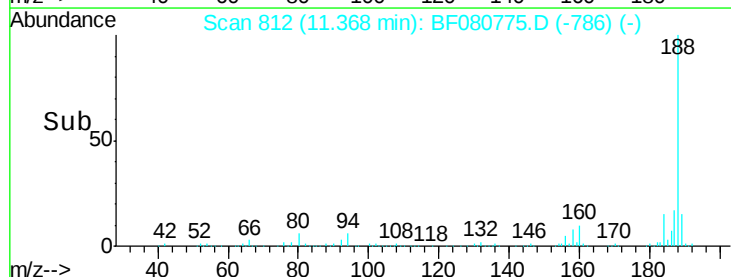
80 6.4 9.1 13.7#

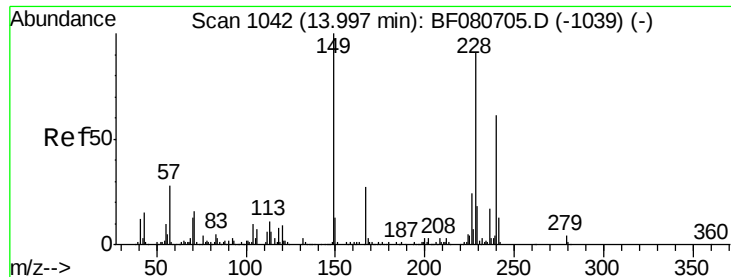


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Instrument :

BNA\_F

ClientSampleId :

EAST-ABUT-3(0-2)

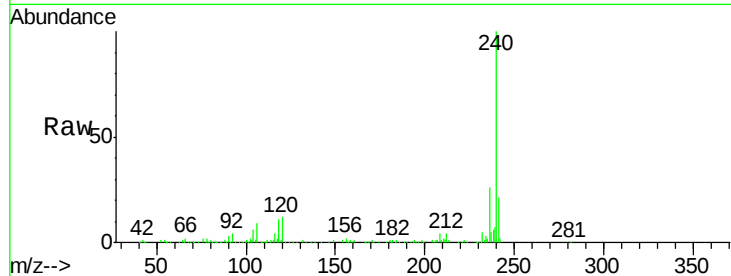
Tgt Ion:240 Resp: 273342

Ion Ratio Lower Upper

240 100

120 11.8 11.8 17.8#

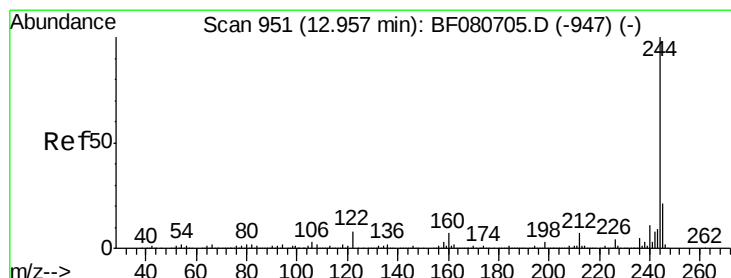
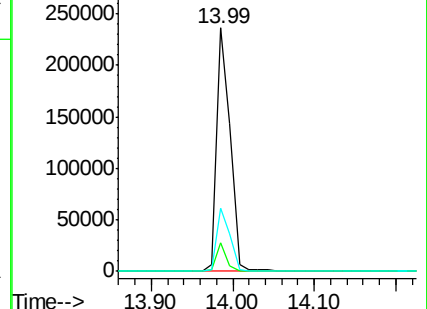
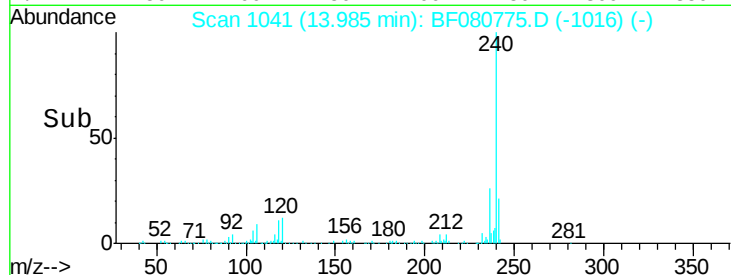
236 25.9 21.8 32.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 62.44 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

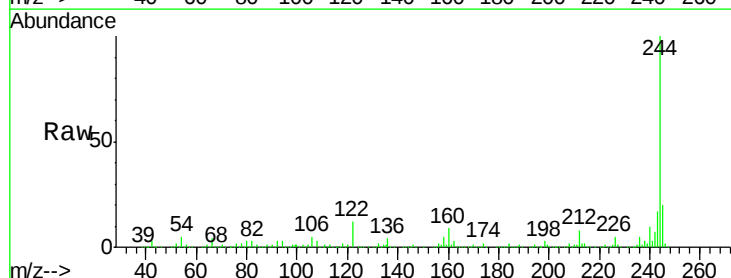
Tgt Ion:244 Resp: 902449

Ion Ratio Lower Upper

244 100

212 8.4 5.9 8.9

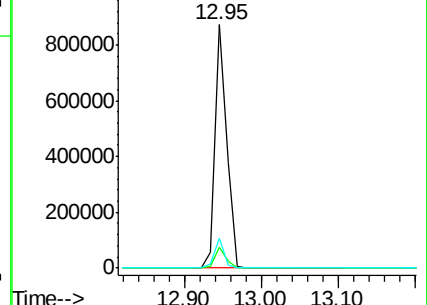
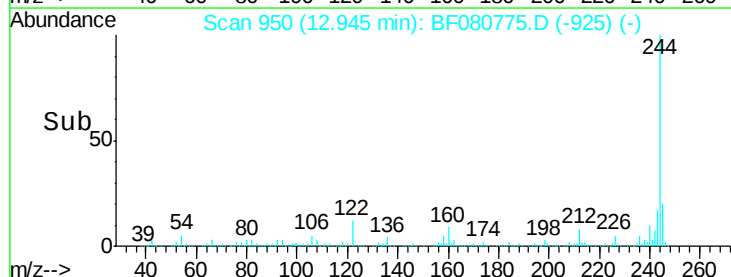
122 12.4 6.6 9.8#

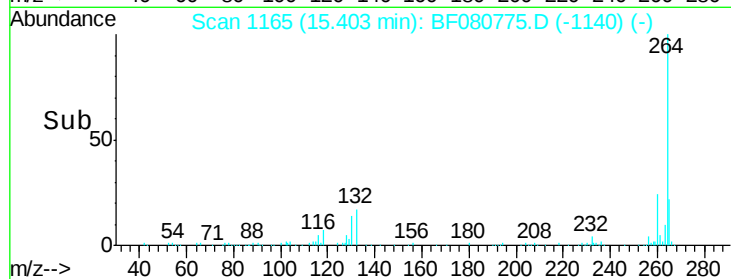
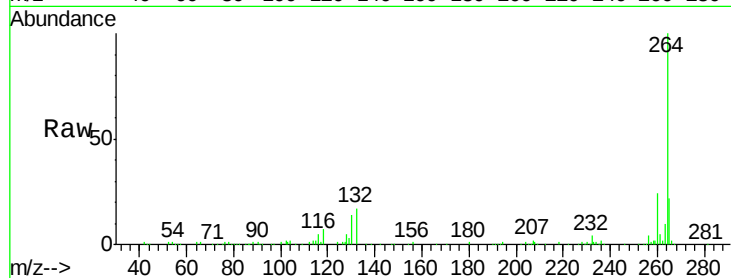
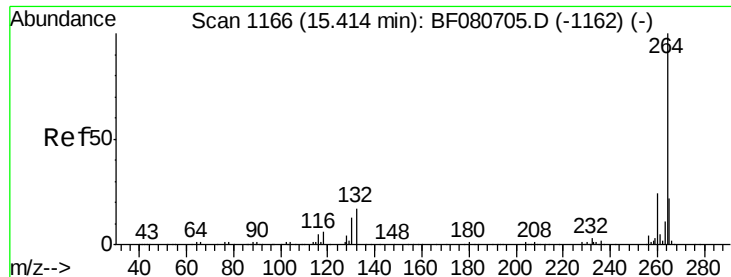


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Instrument :

BNA\_F

ClientSampleId :

EAST-ABUT-3(0-2)

Tgt Ion:264 Resp: 245098

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.6 17.3 25.9

