

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\  
 Data File : BF086195.D  
 Acq On : 9 Apr 2016 3:53  
 Operator : UM/SJ  
 Sample : H2346-02  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-18(0.5-20.0)

Quant Time: Apr 09 06:07:37 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 01 23:17:06 2016  
 Response via : Initial Calibration

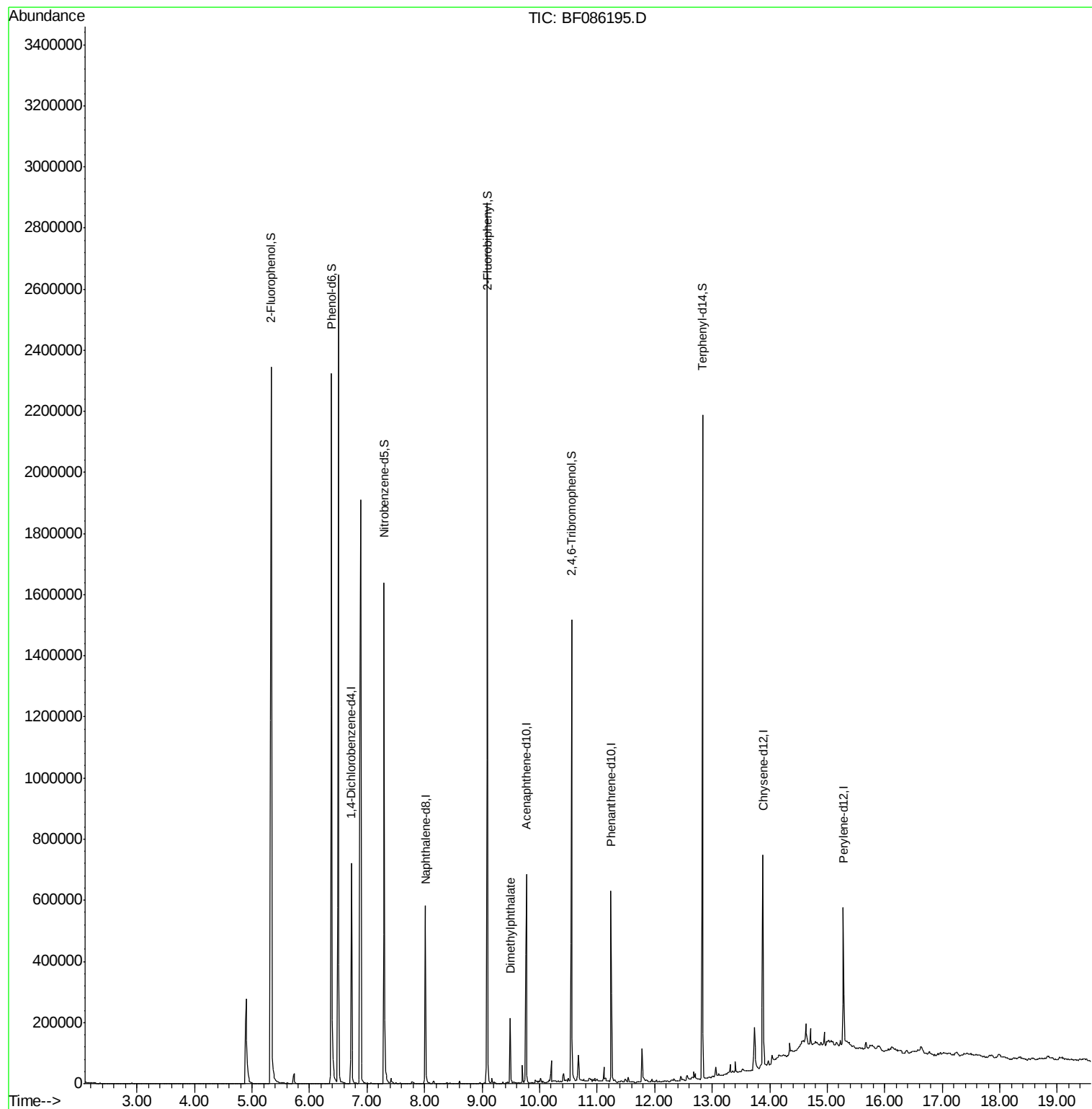
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.73  | 152  | 109332   | 20.00  | ng    | -0.05    |
| 21) Naphthalene-d8          | 8.02  | 136  | 399395   | 20.00  | ng    | -0.05    |
| 38) Acenaphthene-d10        | 9.77  | 164  | 166645   | 20.00  | ng    | -0.05    |
| 63) Phenanthrene-d10        | 11.24 | 188  | 257084   | 20.00  | ng    | -0.06    |
| 75) Chrysene-d12            | 13.88 | 240  | 226523   | 20.00  | ng    | -0.05    |
| 86) Perylene-d12            | 15.28 | 264  | 178796   | 20.00  | ng    | -0.06    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 866643   | 135.49 | ng    | -0.03    |
| 7) Phenol-d6                | 6.38  | 99   | 1053409  | 129.66 | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 7.30  | 82   | 602265   | 88.93  | ng    | -0.05    |
| 41) 2,4,6-Tribromophenol    | 10.56 | 330  | 189090   | 120.89 | ng    | -0.05    |
| 44) 2-Fluorobiphenyl        | 9.09  | 172  | 956268   | 95.41  | ng    | -0.05    |
| 78) Terphenyl-d14           | 12.83 | 244  | 650007   | 67.45  | ng    | -0.05    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.49  | 163  | 137323   | 11.12  | ng    | 98       |

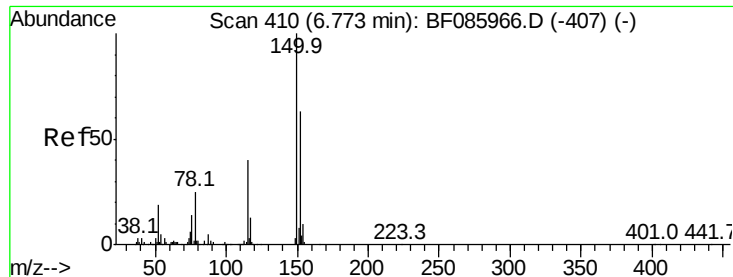
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 01 23:17:06 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

Instrument :

BNA\_F

ClientSampleId :

AMBOY-SB-18(0.5-20.0)

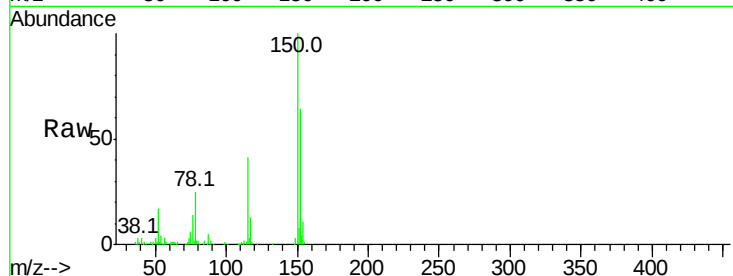
Tot Ion:152 Resp: 109332

Ion Ratio Lower Upper

152 100

150 156.2 124.2 186.2

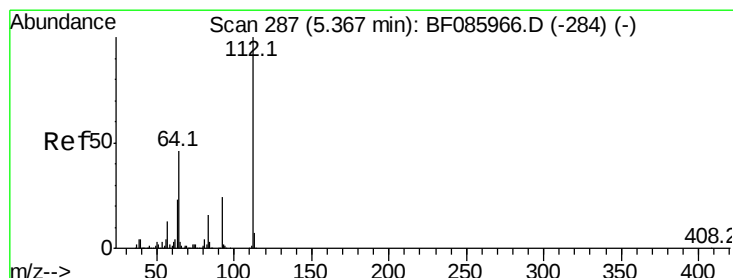
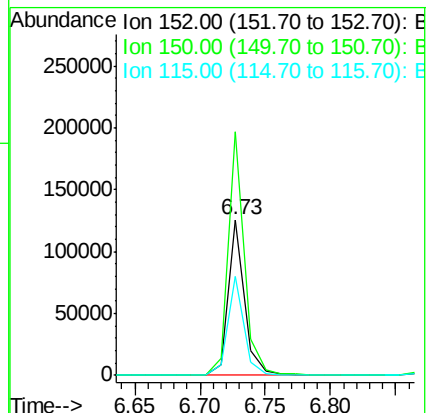
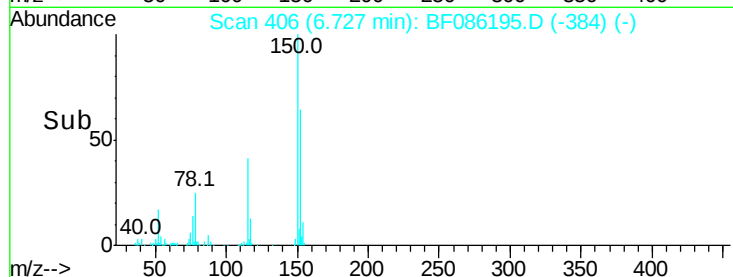
115 63.5 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 135.49 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

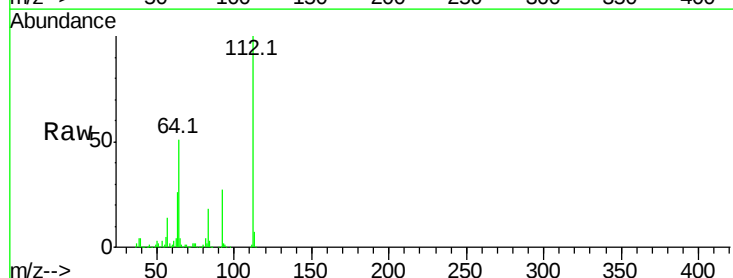
Tgt Ion:112 Resp: 866643

Ion Ratio Lower Upper

112 100

64 50.7 39.9 59.9

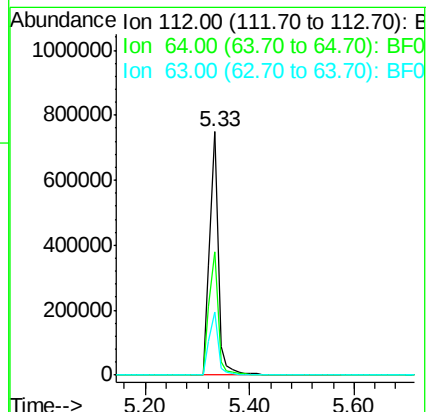
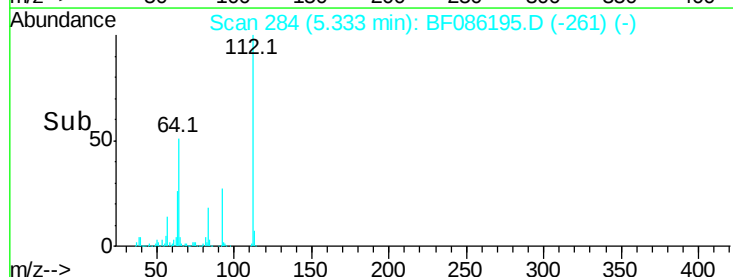
63 25.9 20.2 30.2

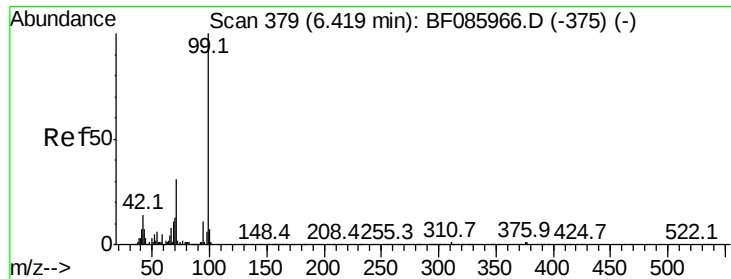


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.66 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

Instrument :

BNA\_F

ClientSampleId :

AMBOY-SB-18(0.5-20.0)

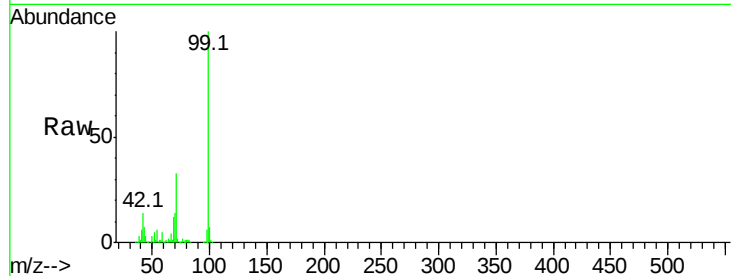
Tot Ion: 99 Resp: 1053409

Ion Ratio Lower Upper

99 100

42 14.2 11.1 16.7

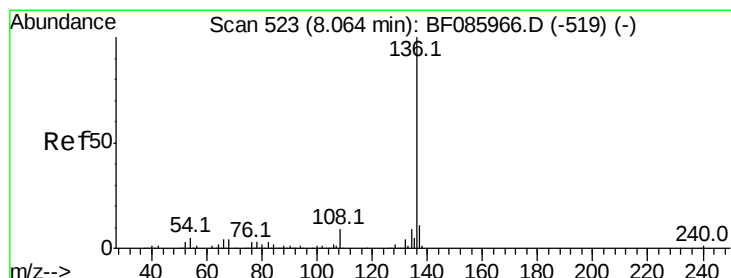
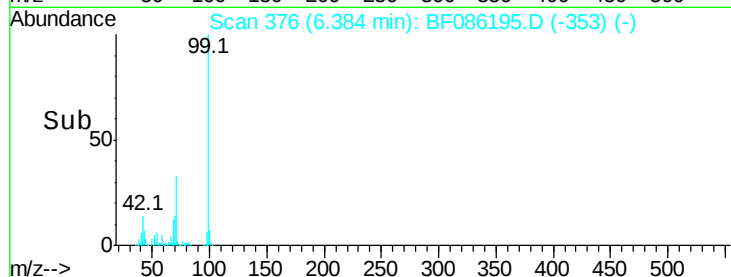
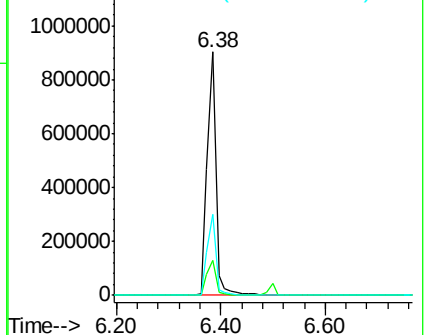
71 33.5 24.9 37.3



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: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

Tgt Ion: 136 Resp: 399395

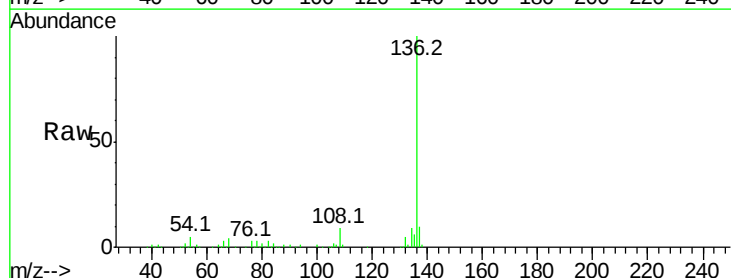
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 4.5 7.4 11.0#

68 4.2 5.8 8.8#

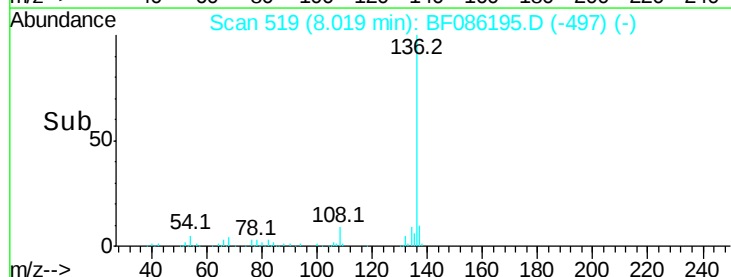
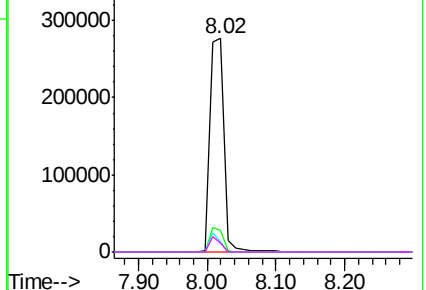


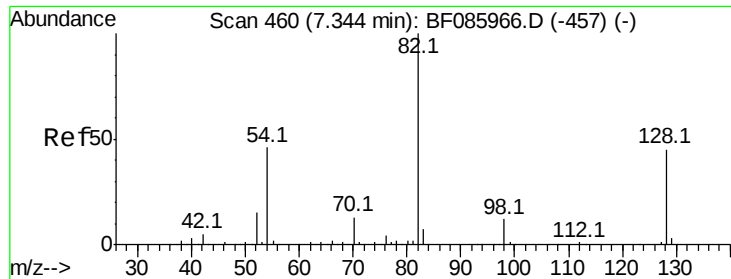
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

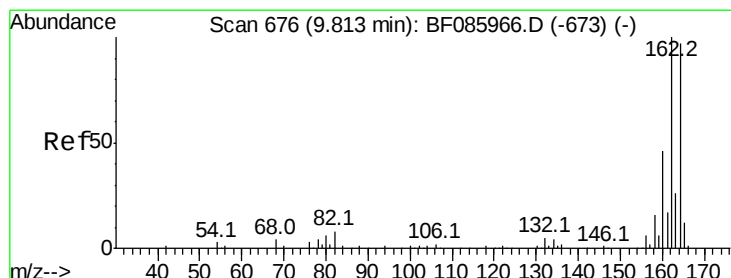
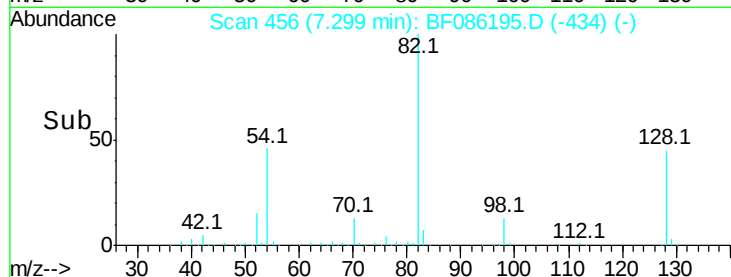
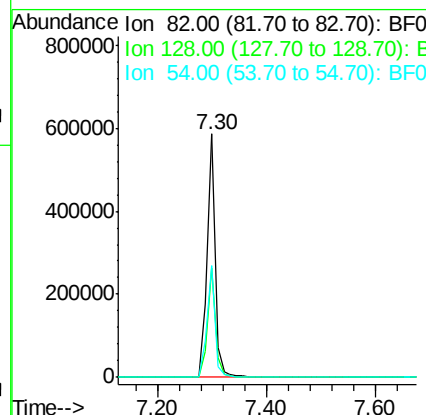
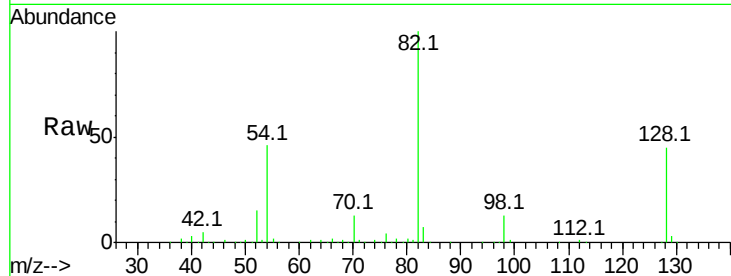




#23  
 Nitrobenzene-d5  
 Concen: 88.93 ng  
 RT: 7.30 min Scan# 456  
 Delta R.T. -0.05 min  
 Lab File: BF086195.D  
 Acq: 9 Apr 2016 3:53

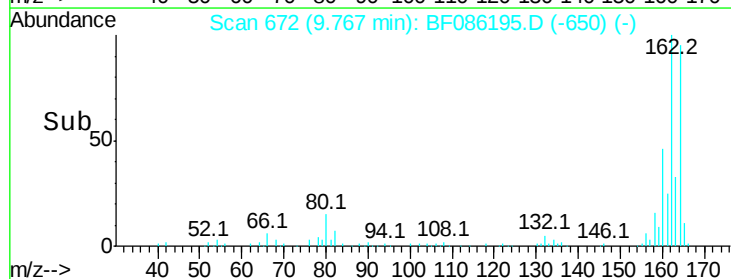
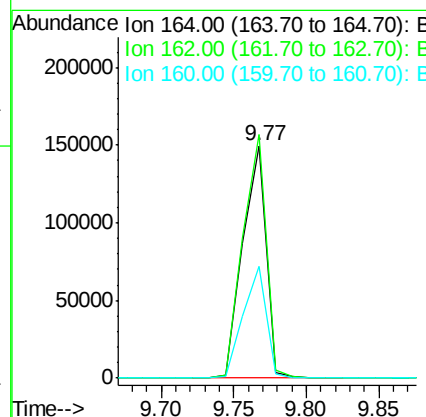
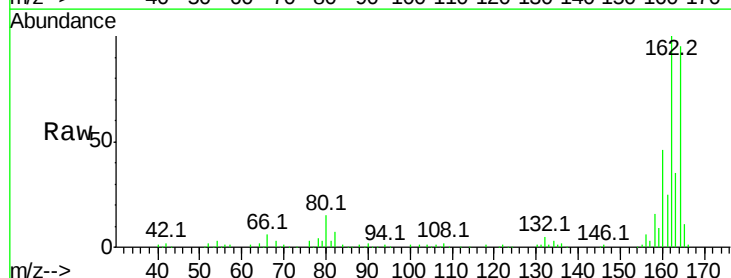
Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-18(0.5-20.0)

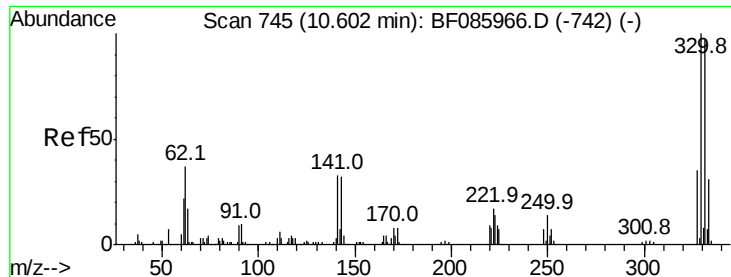
| Tot Ion   | 82   | Resp  | 602265 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 44.9 | 41.8  | 62.8   |
| 54        | 45.9 | 33.4  | 50.0   |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.77 min Scan# 672  
 Delta R.T. -0.05 min  
 Lab File: BF086195.D  
 Acq: 9 Apr 2016 3:53

| Tgt Ion   | 164   | Resp  | 166645 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 104.8 | 82.1  | 123.1  |
| 160       | 48.2  | 37.4  | 56.2   |

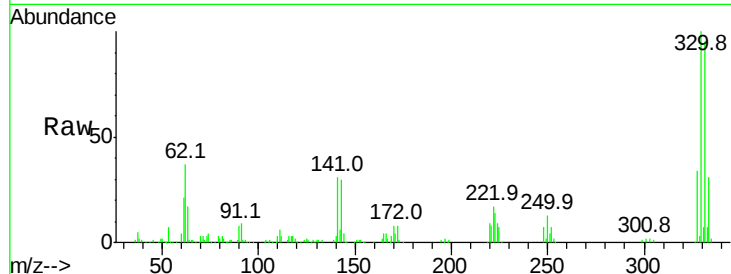




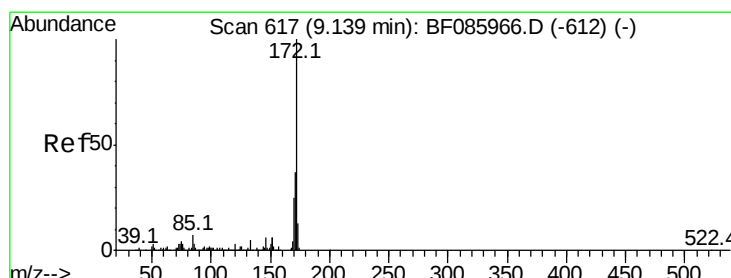
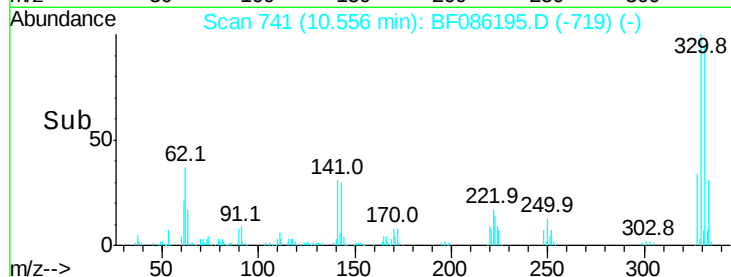
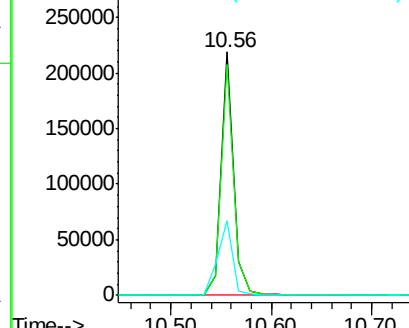
#41  
 2,4,6-Tribromophenol  
 Concen: 120.89 ng  
 RT: 10.56 min Scan# 741  
 Delta R.T. -0.05 min  
 Lab File: BF086195.D  
 Acq: 9 Apr 2016 3:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-18(0.5-20.0)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.7  | 78.2  | 117.2 |
| 141     | 37.1  | 31.5  | 47.3  |

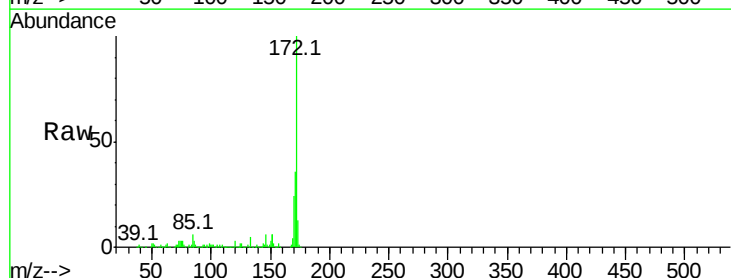


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

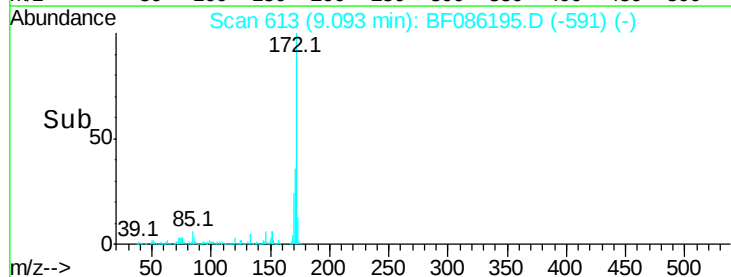
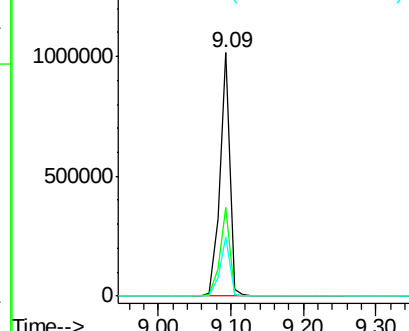


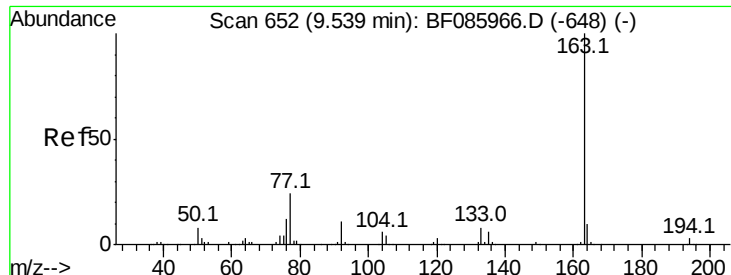
#44  
 2-Fluorobiphenyl  
 Concen: 95.41 ng  
 RT: 9.09 min Scan# 613  
 Delta R.T. -0.05 min  
 Lab File: BF086195.D  
 Acq: 9 Apr 2016 3:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 29.4  | 44.2  |
| 170     | 24.5  | 19.8  | 29.6  |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

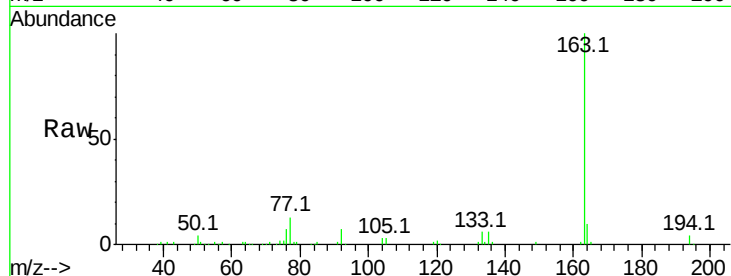




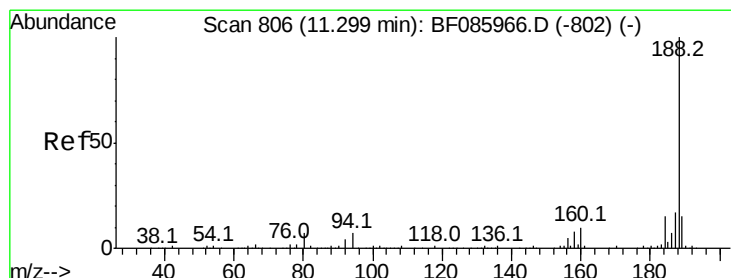
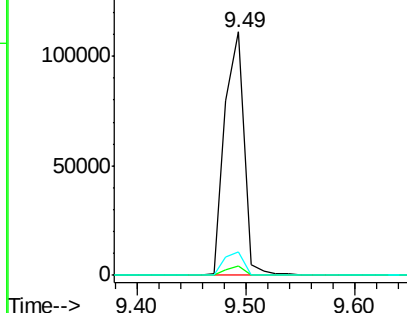
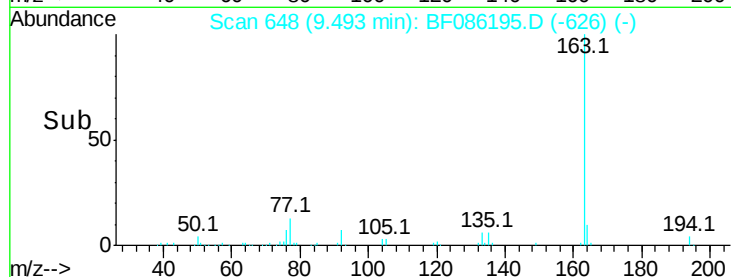
#49  
Dimethylphthalate  
Concen: 11.12 ng  
RT: 9.49 min Scan# 648  
Delta R.T. -0.05 min  
Lab File: BF086195.D  
Acq: 9 Apr 2016 3:53

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-18(0.5-20.0)

Tot Ion:163 Resp: 137323  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.9 4.3  
164 9.6 8.3 12.5

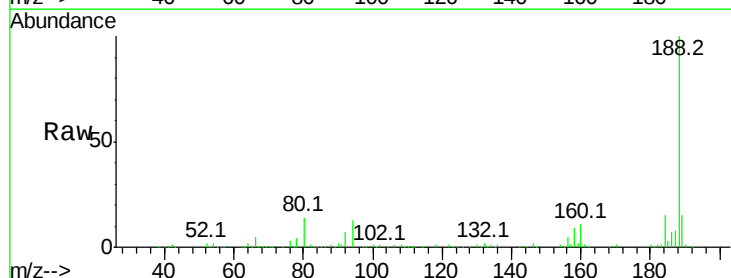


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

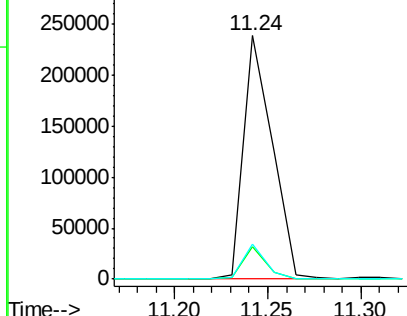
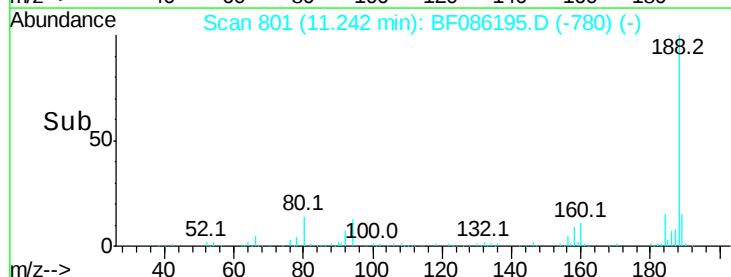


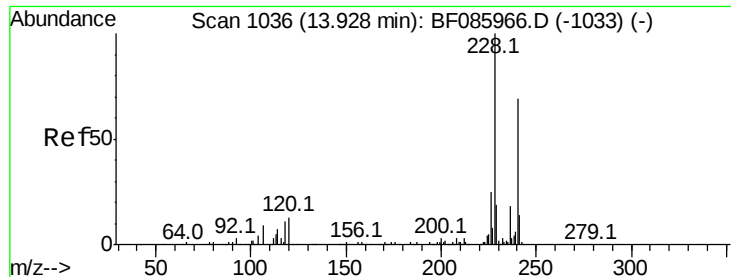
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.24 min Scan# 801  
Delta R.T. -0.06 min  
Lab File: BF086195.D  
Acq: 9 Apr 2016 3:53

Tgt Ion:188 Resp: 257084  
Ion Ratio Lower Upper  
188 100  
94 13.1 5.4 8.0#  
80 14.3 5.5 8.3#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

Instrument :

BNA\_F

ClientSampleId :

AMBOY-SB-18(0.5-20.0)

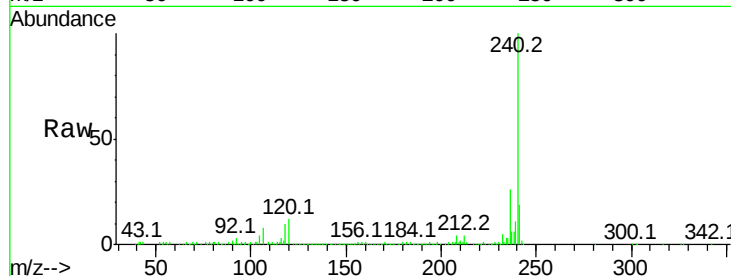
Tot Ion:240 Resp: 226523

Ion Ratio Lower Upper

240 100

120 11.8 13.8 20.8#

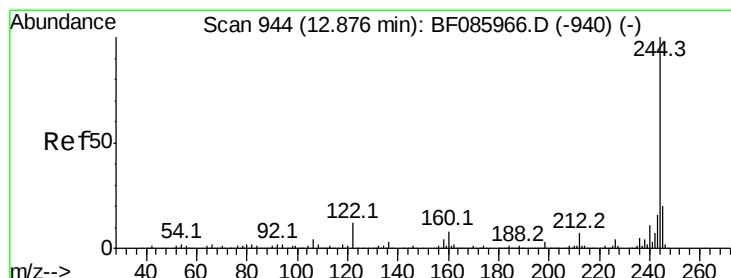
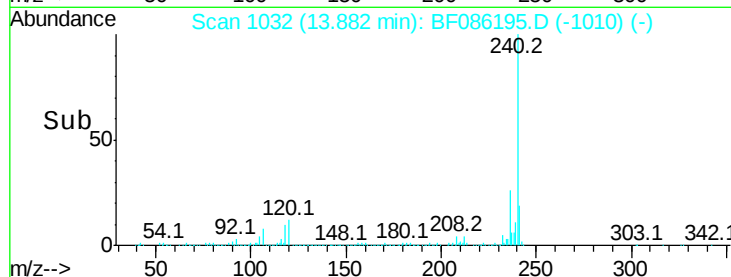
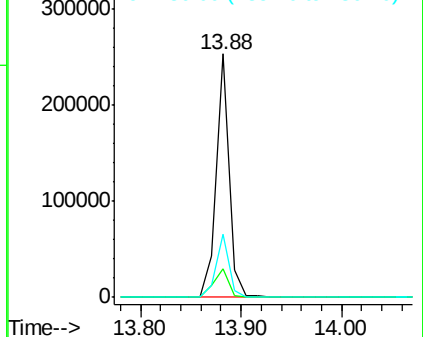
236 25.9 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 67.45 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

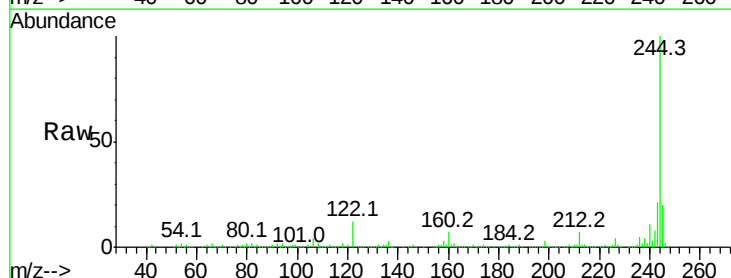
Tgt Ion:244 Resp: 650007

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

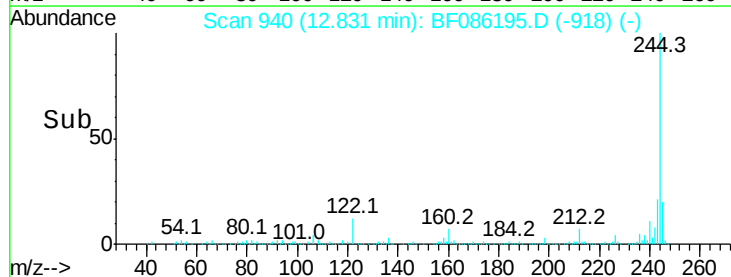
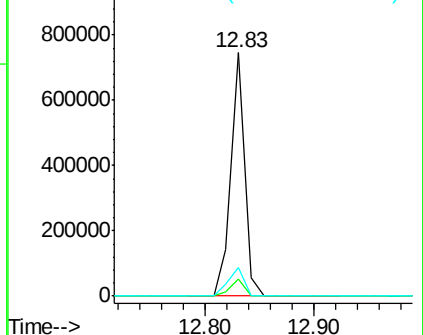
122 11.8 10.2 15.4

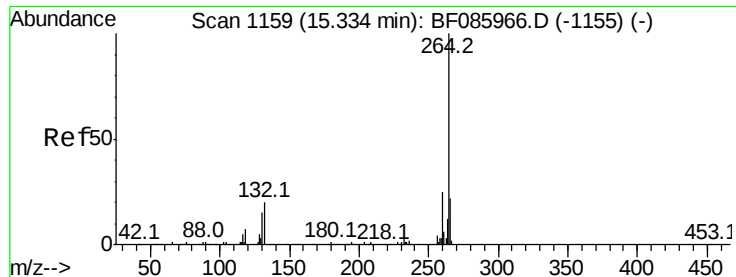


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 15.28 min Scan# 1154  
 Delta R.T. -0.06 min  
 Lab File: BF086195.D  
 Acq: 9 Apr 2016 3:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-18(0.5-20.0)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 19.4  | 29.2  |
| 265     | 21.5  | 17.2  | 25.8  |

