

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\  
 Data File : BF086137.D  
 Acq On : 7 Apr 2016 18:38  
 Operator : UM/SJ  
 Sample : H2345-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP003

Quant Time: Apr 08 03:08:27 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

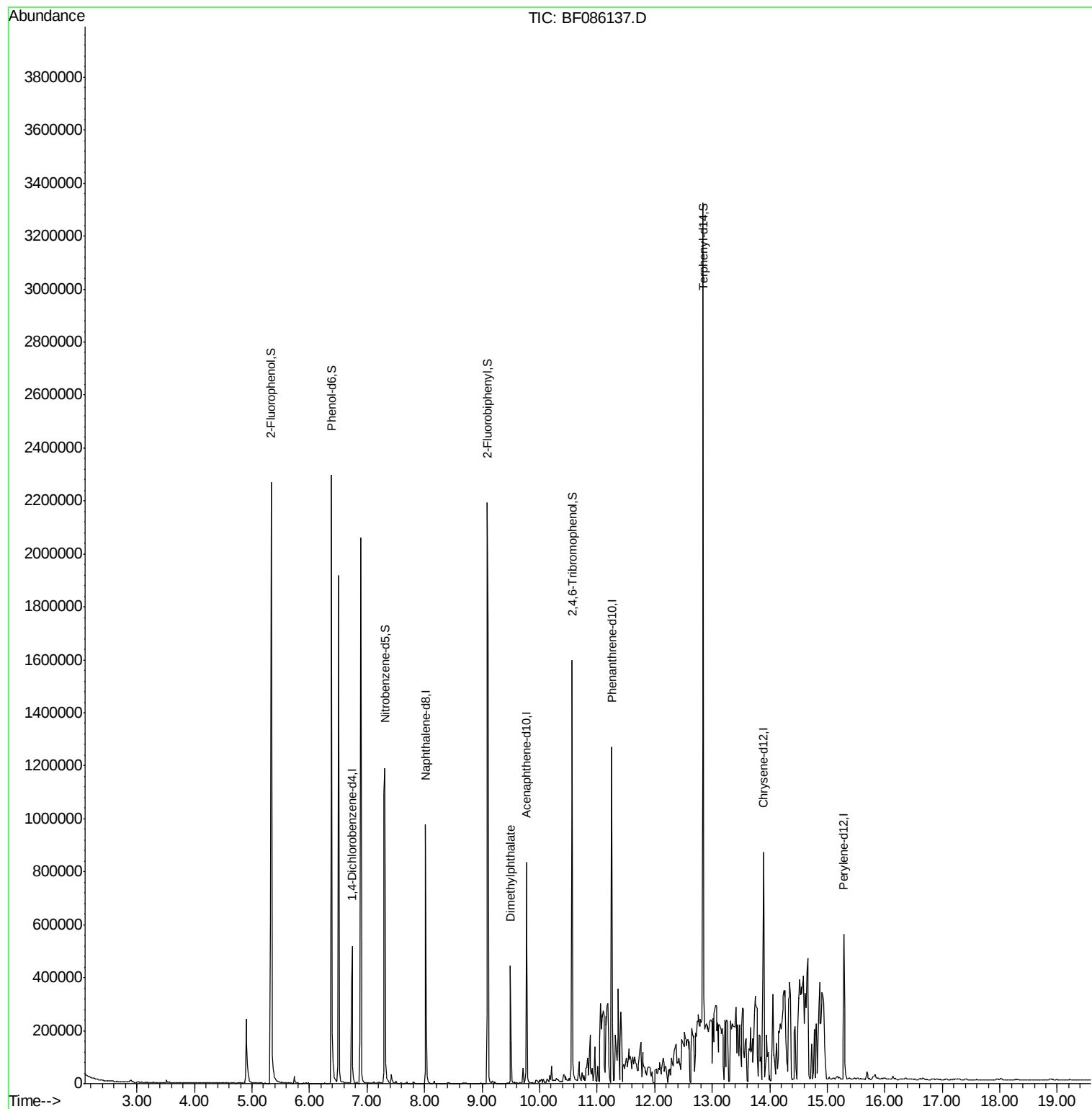
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.74  | 152  | 109240   | 20.00  | ng    | -0.03    |
| 21) Naphthalene-d8          | 8.02  | 136  | 456934   | 20.00  | ng    | -0.05    |
| 38) Acenaphthene-d10        | 9.77  | 164  | 207749   | 20.00  | ng    | -0.05    |
| 63) Phenanthrene-d10        | 11.25 | 188  | 408965   | 20.00  | ng    | -0.05    |
| 75) Chrysene-d12            | 13.89 | 240  | 333565   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12            | 15.29 | 264  | 232712   | 20.00  | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 744504   | 116.49 | ng    | -0.03    |
| 7) Phenol-d6                | 6.38  | 99   | 1002002  | 123.43 | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 7.31  | 82   | 614078   | 79.25  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 10.57 | 330  | 281029   | 144.12 | ng    | -0.03    |
| 44) 2-Fluorobiphenyl        | 9.09  | 172  | 1004510  | 80.39  | ng    | -0.05    |
| 78) Terphenyl-d14           | 12.84 | 244  | 1000095  | 70.48  | ng    | -0.03    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.49  | 163  | 192104   | 12.48  | ng    | 99       |

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

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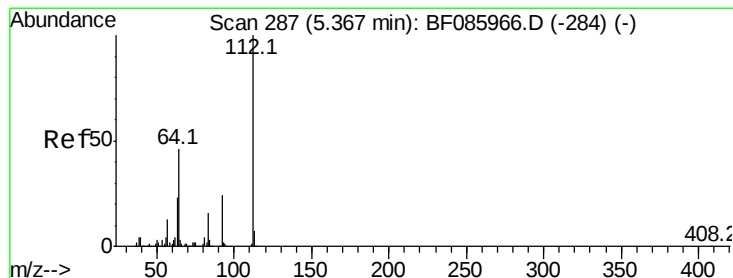
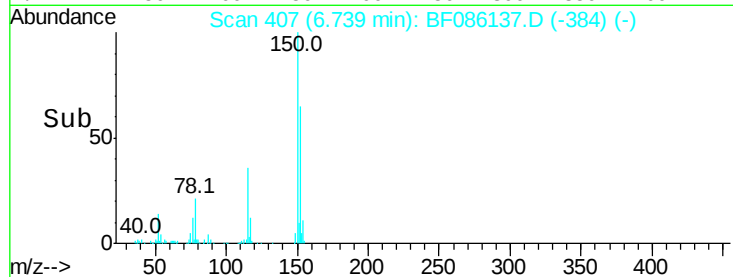
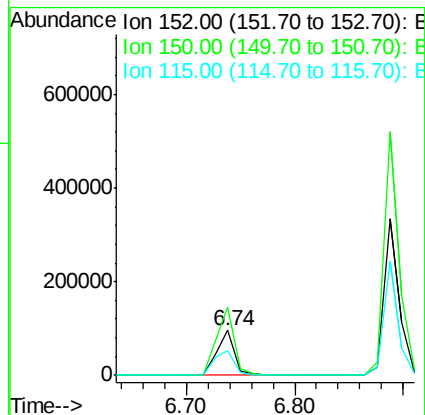
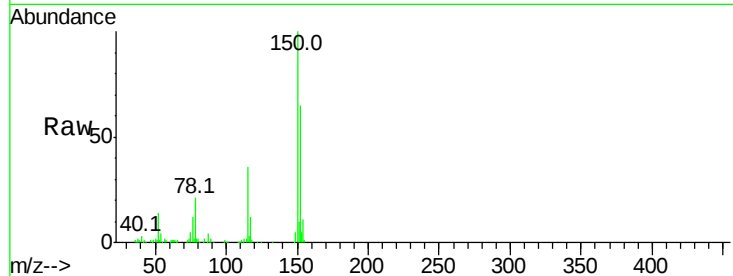


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.74 min Scan# 407  
Delta R.T. -0.03 min  
Lab File: BF086137.D  
Acq: 7 Apr 2016 18:38

Instrument :  
BNA\_F  
ClientSampleId :  
EP003

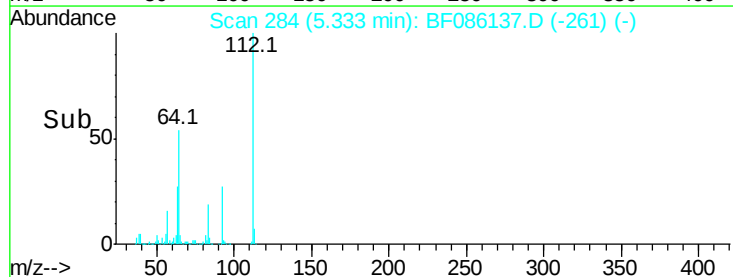
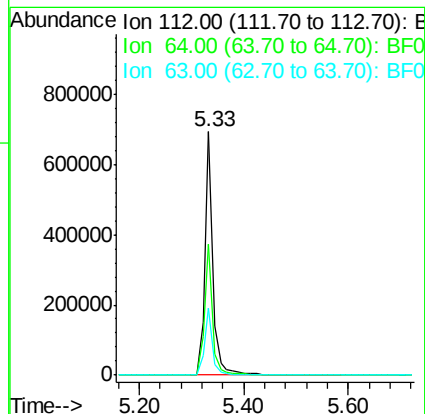
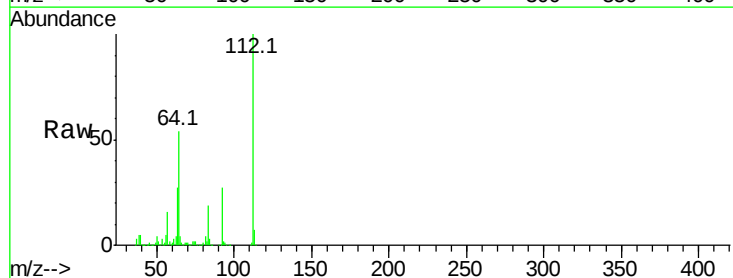
Tot Ion:152 Resp: 109240  
Ion Ratio Lower Upper  
152 100  
150 153.9 124.2 186.2  
115 55.7 47.0 70.6



#5

2-Fluorophenol  
Concen: 116.49 ng  
RT: 5.33 min Scan# 284  
Delta R.T. -0.03 min  
Lab File: BF086137.D  
Acq: 7 Apr 2016 18:38

Tgt Ion:112 Resp: 744504  
Ion Ratio Lower Upper  
112 100  
64 53.8 39.9 59.9  
63 27.3 20.2 30.2





#7

Phenol-d6

Concen: 123.43 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

Instrument :

BNA\_F

ClientSampleId :

EP003

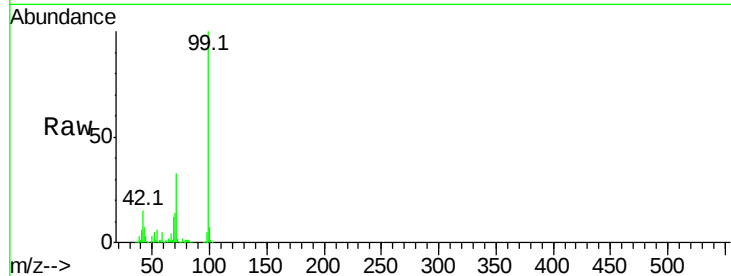
Tot Ion: 99 Resp: 1002002

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

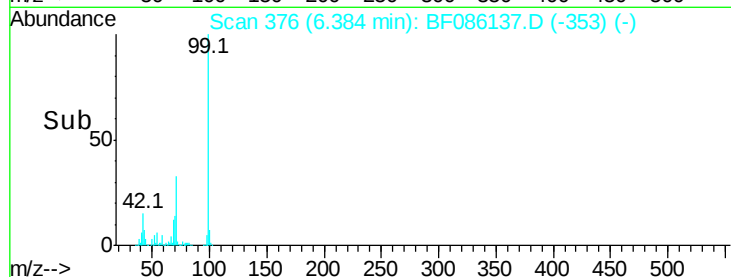
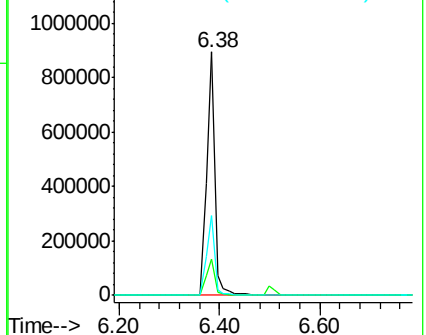
71 32.9 24.9 37.3



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: BF086137.D

Acq: 7 Apr 2016 18:38

Tgt Ion: 136 Resp: 456934

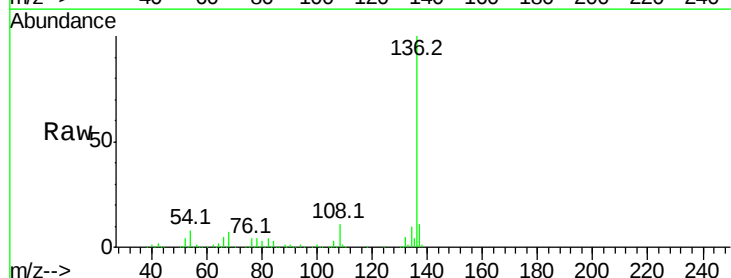
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.7 7.4 11.0

68 6.5 5.8 8.8

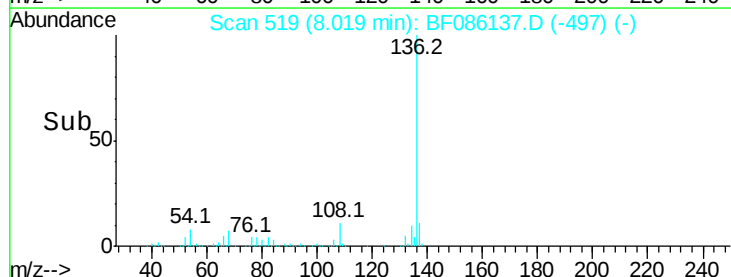
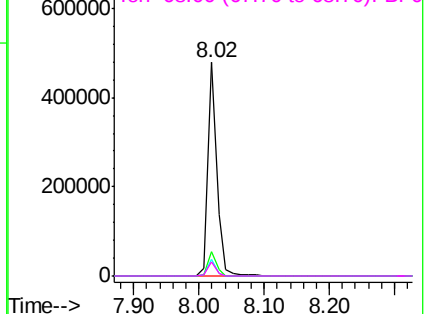


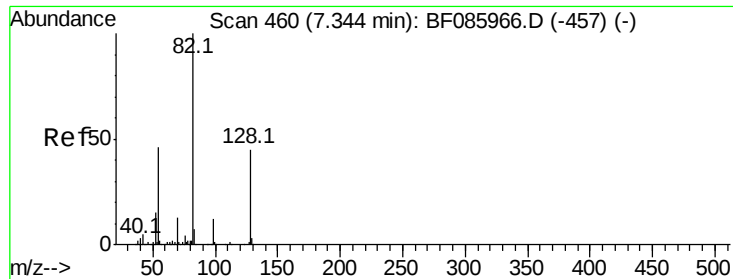
Abundance Ion 136.00 (135.70 to 136.70): E

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

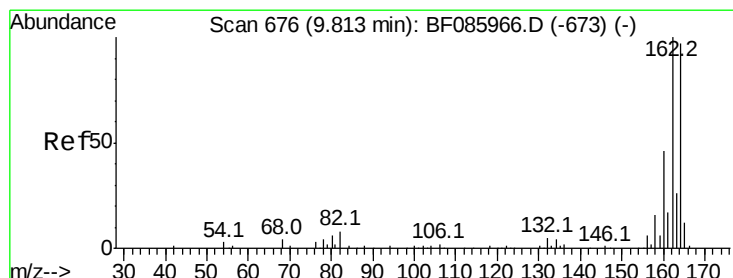
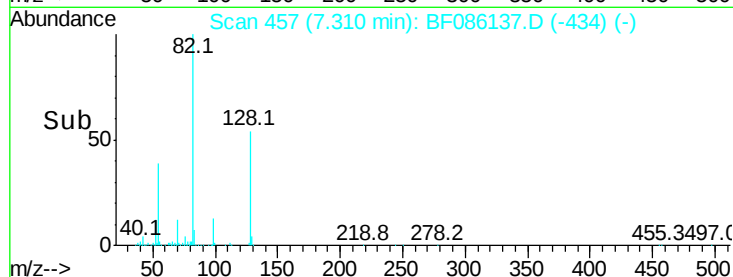
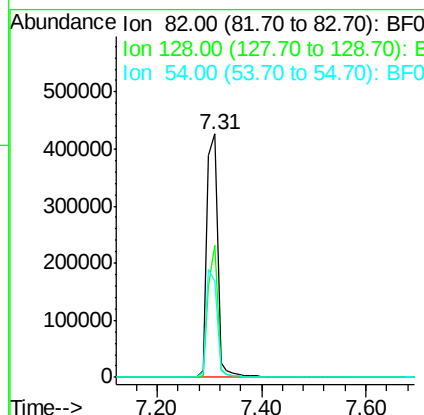
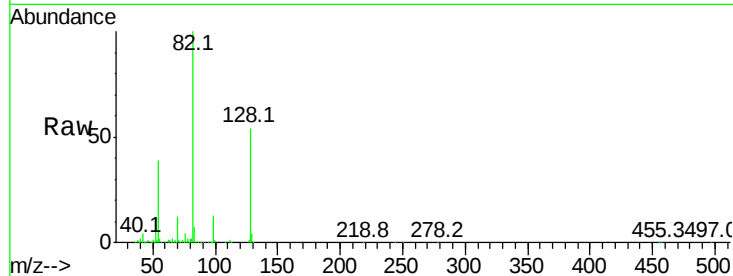




#23  
 Nitrobenzene-d5  
 Concen: 79.25 ng  
 RT: 7.31 min Scan# 457  
 Delta R.T. -0.03 min  
 Lab File: BF086137.D  
 Acq: 7 Apr 2016 18:38

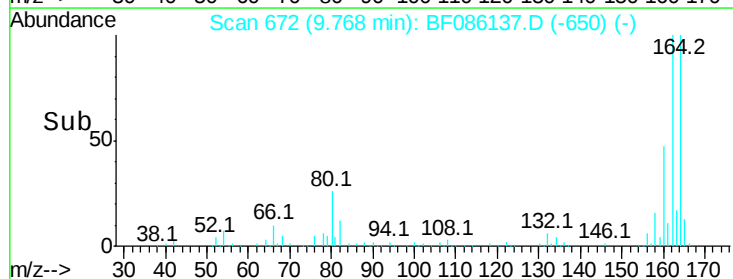
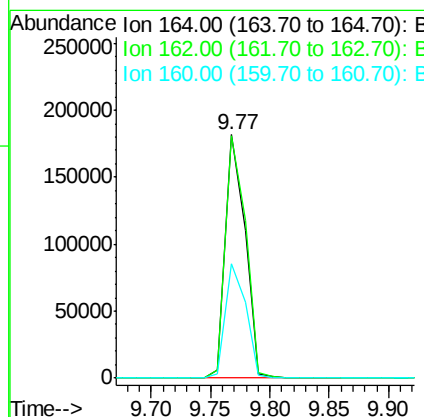
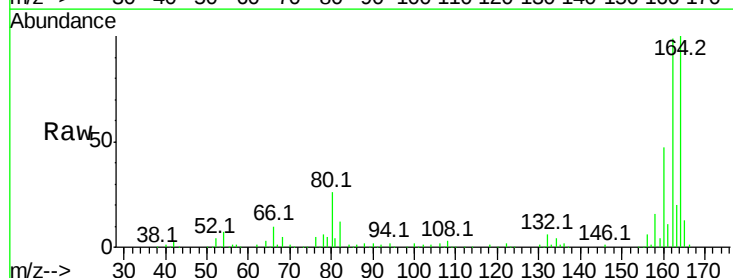
Instrument :  
 BNA\_F  
 ClientSampled :  
 EP003

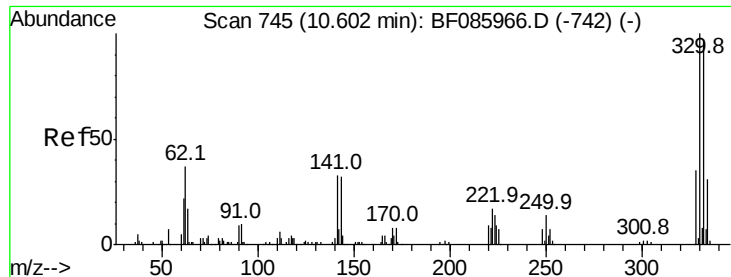
Tot Ion: 82 Resp: 614078  
 Ion Ratio Lower Upper  
 82 100  
 128 54.5 41.8 62.8  
 54 39.5 33.4 50.0



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.77 min Scan# 672  
 Delta R.T. -0.05 min  
 Lab File: BF086137.D  
 Acq: 7 Apr 2016 18:38

Tgt Ion: 164 Resp: 207749  
 Ion Ratio Lower Upper  
 164 100  
 162 99.4 82.1 123.1  
 160 46.7 37.4 56.2

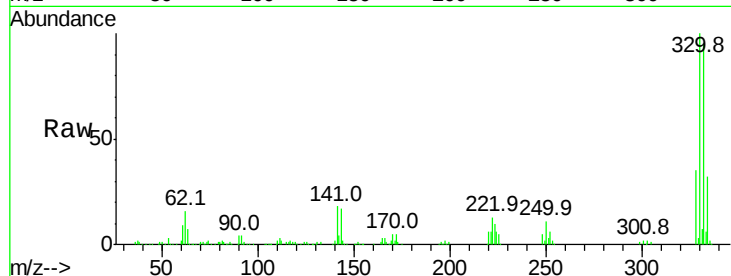




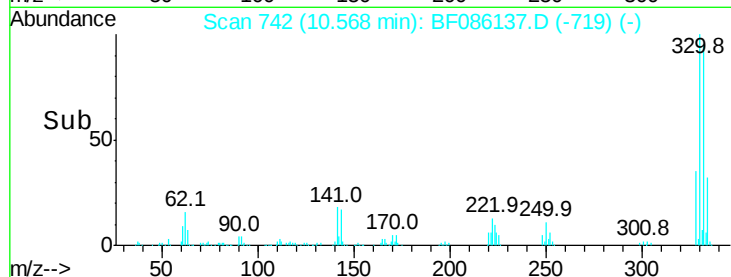
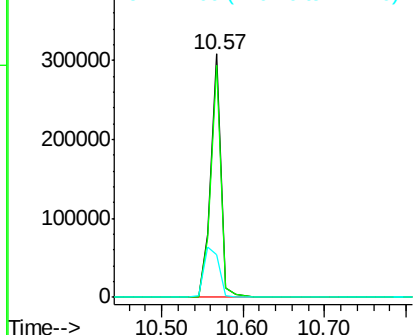
#41  
 2,4,6-Tribromophenol  
 Concen: 144.12 ng  
 RT: 10.57 min Scan# 742  
 Delta R.T. -0.03 min  
 Lab File: BF086137.D  
 Acq: 7 Apr 2016 18:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP003

Tot Ion:330 Resp: 281029  
 Ion Ratio Lower Upper  
 330 100  
 332 95.0 78.2 117.2  
 141 30.8 31.5 47.3#

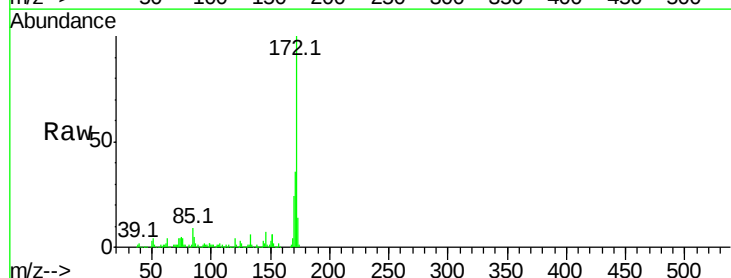


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

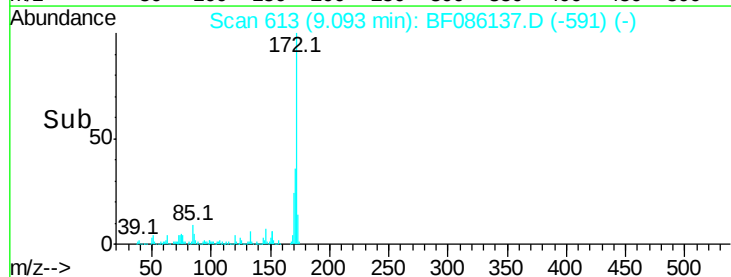
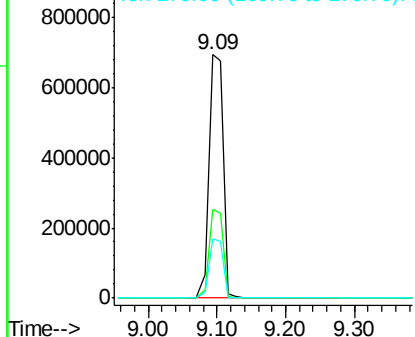


#44  
 2-Fluorobiphenyl  
 Concen: 80.39 ng  
 RT: 9.09 min Scan# 613  
 Delta R.T. -0.05 min  
 Lab File: BF086137.D  
 Acq: 7 Apr 2016 18:38

Tgt Ion:172 Resp: 1004510  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.4 44.2  
 170 24.2 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: 12.48 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

Instrument :

BNA\_F

ClientSampleId :

EP003

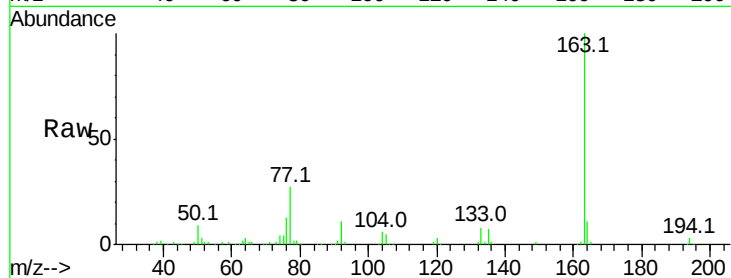
Tot Ion:163 Resp: 192104

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

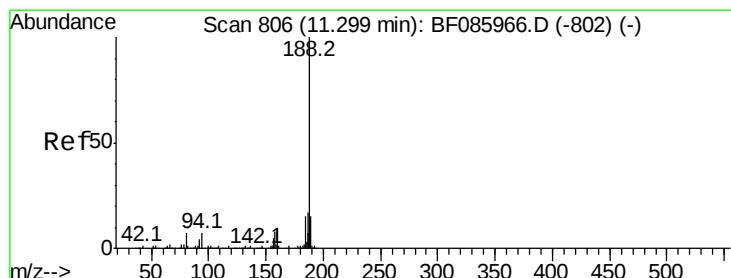
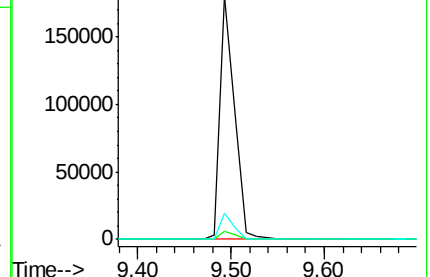
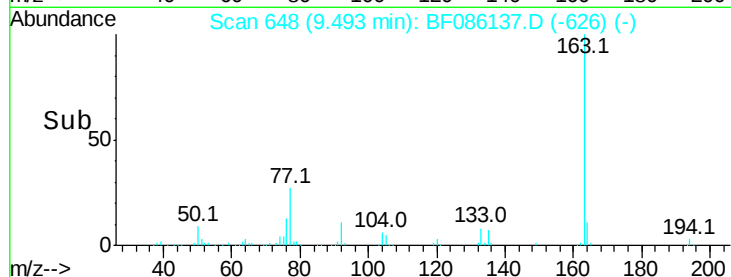
164 10.7 8.3 12.5



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: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

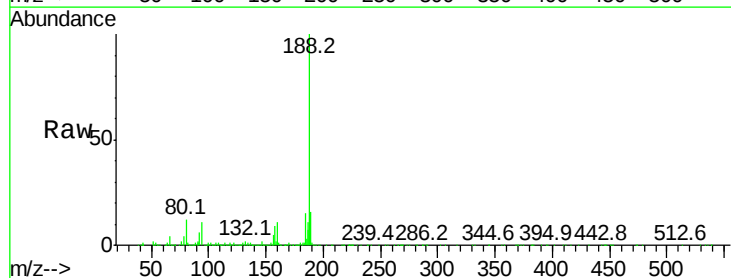
Tgt Ion:188 Resp: 408965

Ion Ratio Lower Upper

188 100

94 11.4 5.4 8.0#

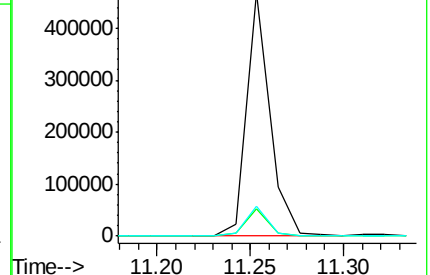
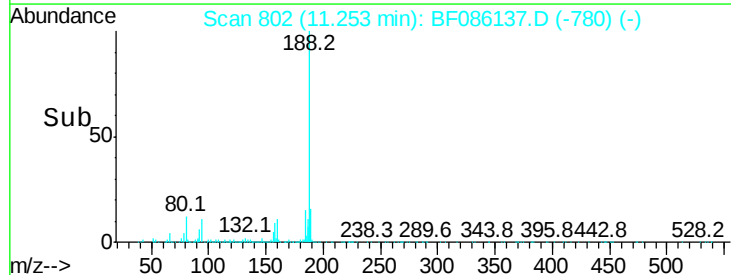
80 12.2 5.5 8.3#

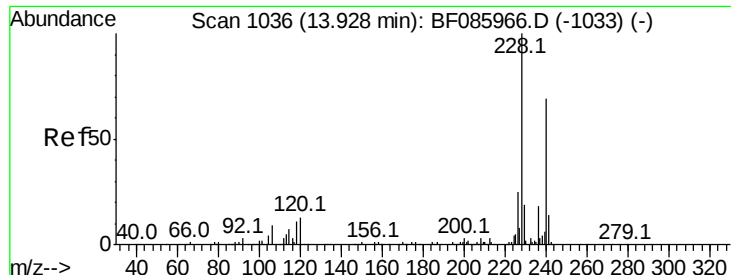


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

Instrument :

BNA\_F

ClientSampled :

EP003

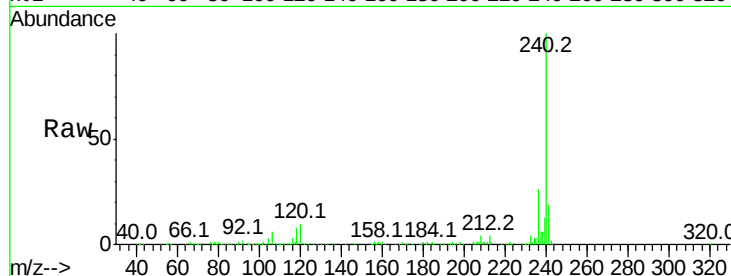
Tot Ion:240 Resp: 333565

Ion Ratio Lower Upper

240 100

120 9.6 13.8 20.8#

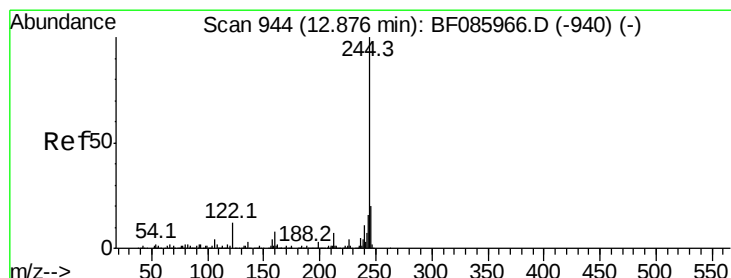
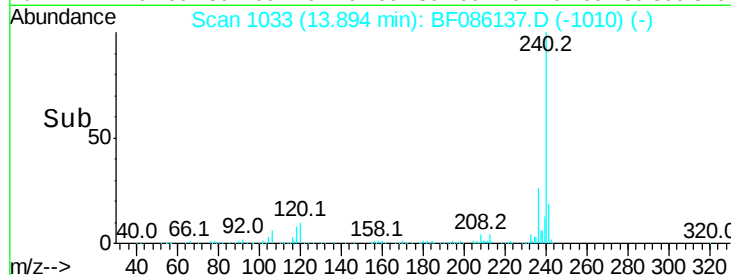
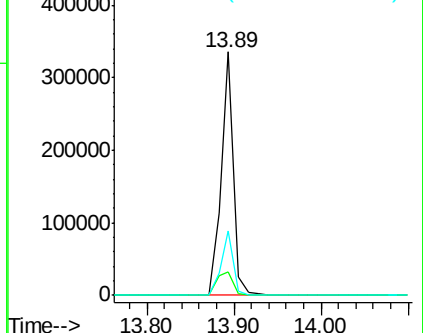
236 26.5 20.6 30.8



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: 70.48 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

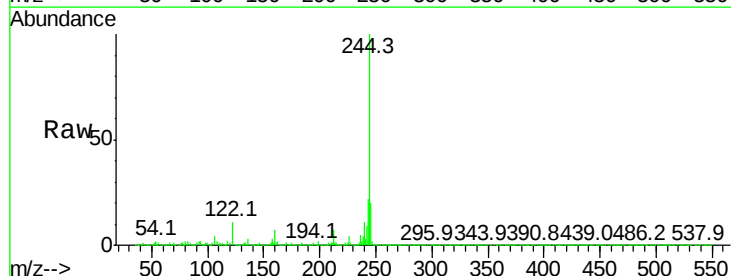
Tgt Ion:244 Resp: 1000095

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

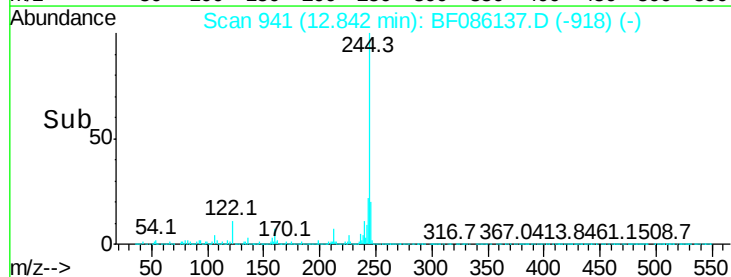
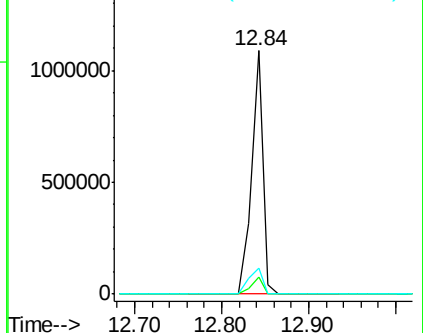
122 10.9 10.2 15.4

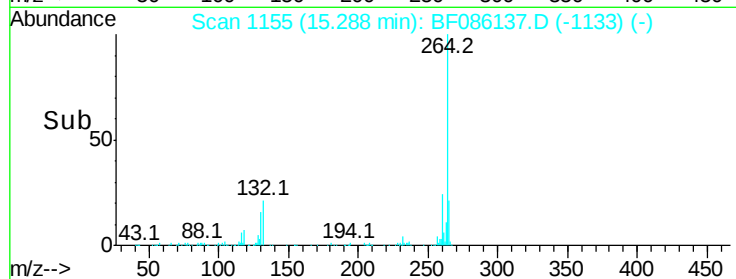
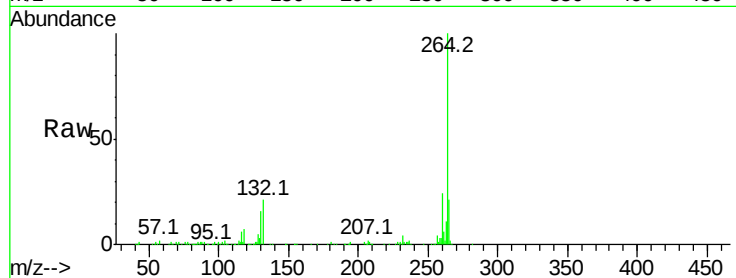
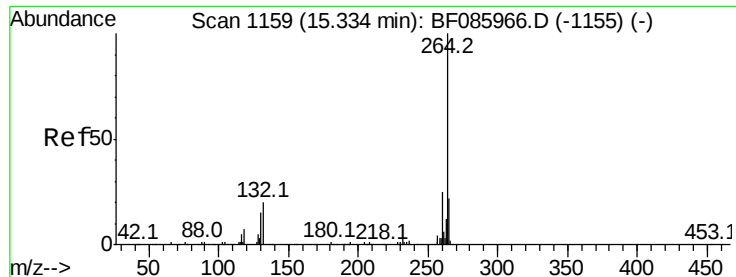


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155

Delta R.T. -0.05 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

Instrument :

BNA\_F

ClientSampleId :

EP003

Tot Ion:264 Resp: 232712

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 20.9 17.2 25.8

