

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\  
 Data File : BF087687.D  
 Acq On : 5 Jun 2016 4:09  
 Operator : UM/SJ  
 Sample : H3383-05  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-WALL-5BGL

Quant Time: Jun 05 04:53:55 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 04 11:07:28 2016  
 Response via : Initial Calibration

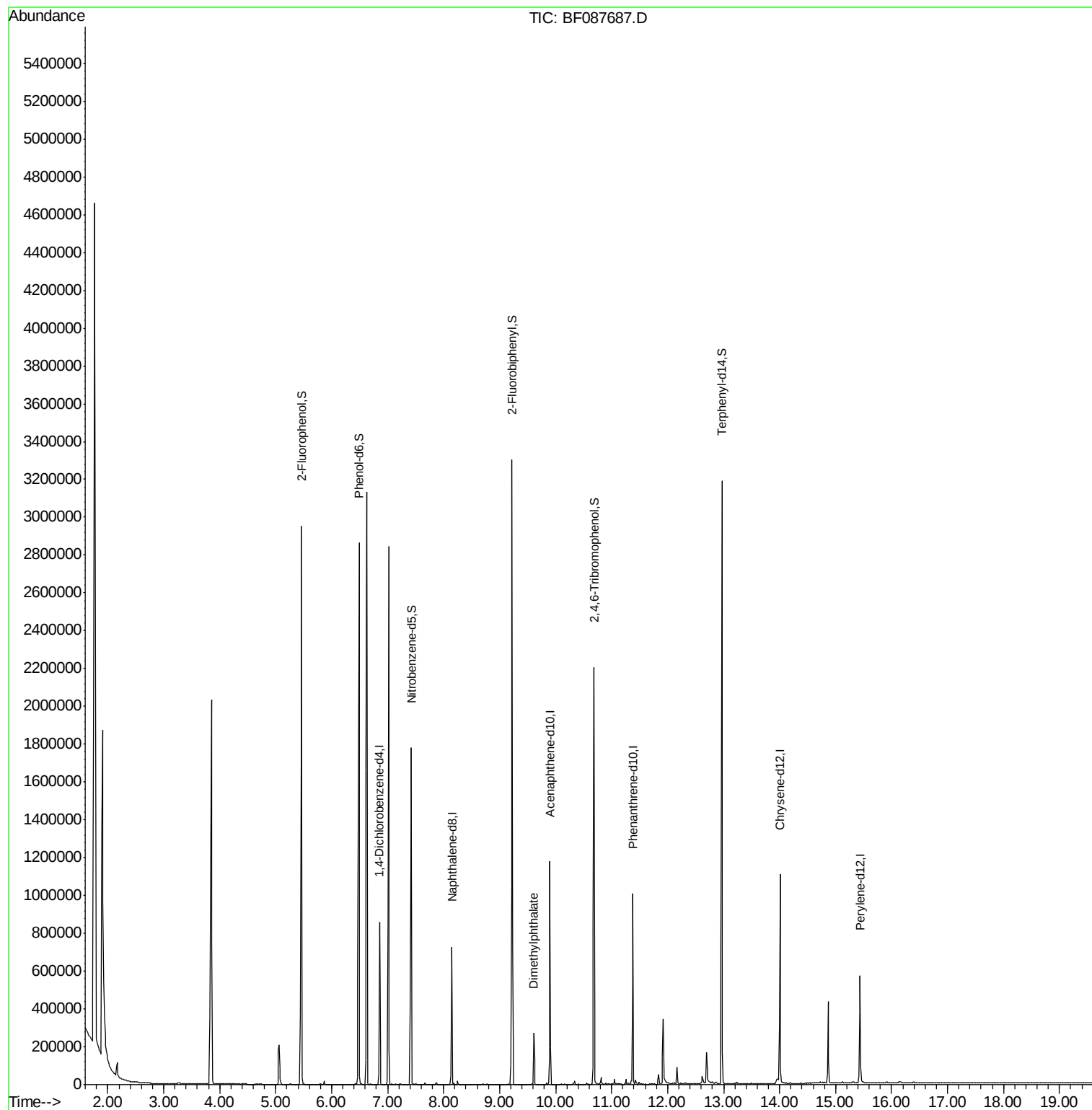
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 122131   | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 8.15  | 136  | 481549   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 9.90  | 164  | 223783   | 20.00  | ng    | -0.01        |
| 63) Phenanthrene-d10        | 11.38 | 188  | 431450   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 14.01 | 240  | 366914   | 20.00  | ng    | -0.01        |
| 86) Perylene-d12            | 15.44 | 264  | 272951   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.46  | 112  | 1009141  | 133.55 | ng    | 0.01         |
| 7) Phenol-d6                | 6.49  | 99   | 1308554  | 138.09 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 858886   | 103.19 | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 10.68 | 330  | 302481   | 134.66 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.22  | 172  | 1212272  | 82.30  | ng    | -0.01        |
| 78) Terphenyl-d14           | 12.97 | 244  | 1069517  | 71.13  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.61  | 163  | 136476   | 8.39   | ng    | Qvalue<br>99 |

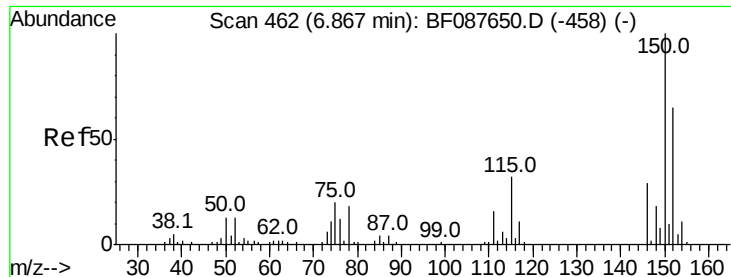
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 04 11:07:28 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087687.D

Acq: 5 Jun 2016 4:09

Instrument :

BNA\_F

ClientSampleId :

EAST-WALL-5BGL

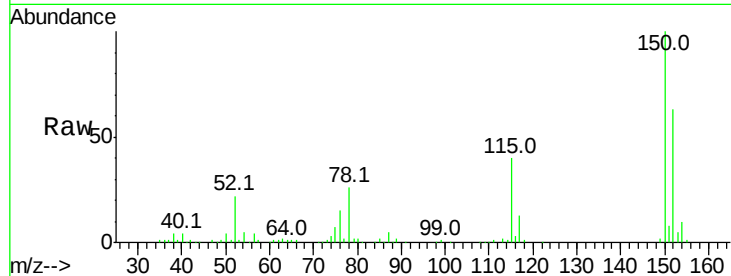
Tot Ion:152 Resp: 122131

Ion Ratio Lower Upper

152 100

150 157.7 123.8 185.6

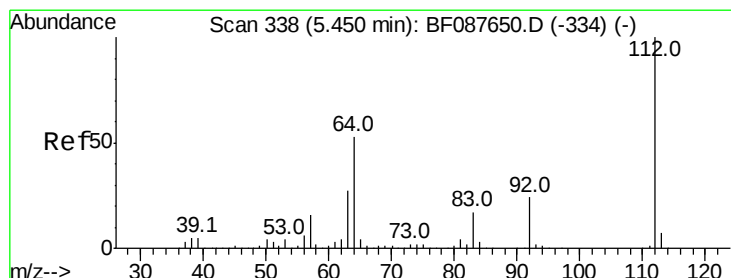
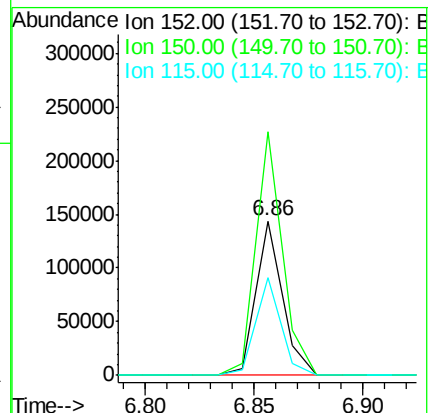
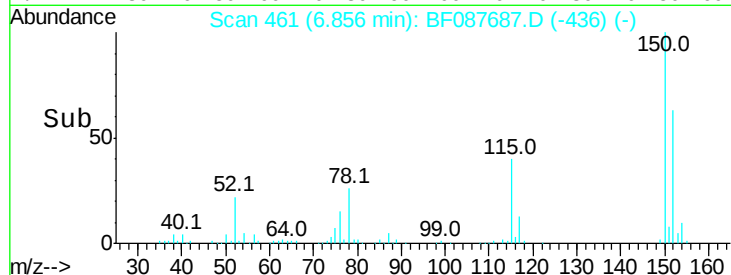
115 63.1 39.6 59.4#



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: 133.55 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087687.D

Acq: 5 Jun 2016 4:09

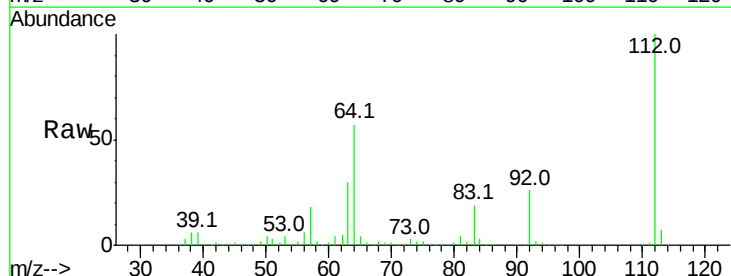
Tgt Ion:112 Resp: 1009141

Ion Ratio Lower Upper

112 100

64 56.9 42.2 63.2

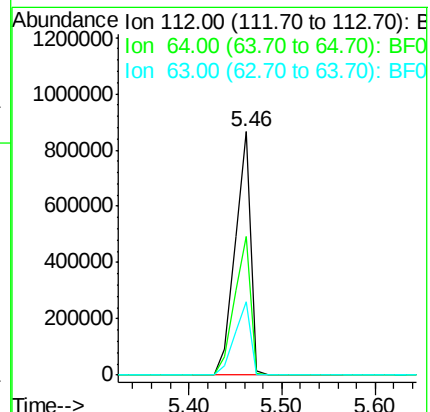
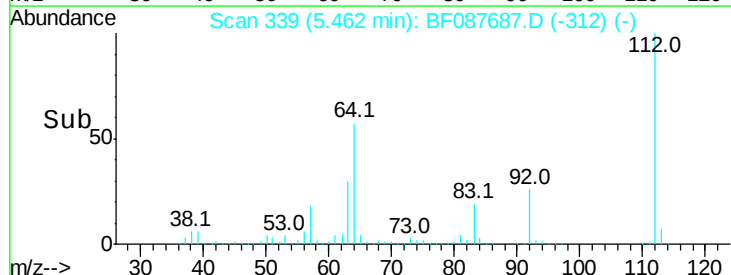
63 29.9 21.8 32.8

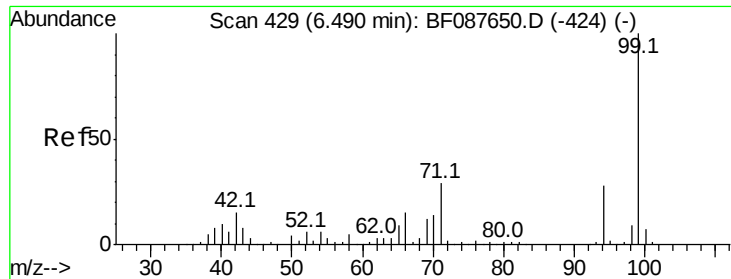


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.09 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087687.D

Acq: 5 Jun 2016 4:09

Instrument :

BNA\_F

ClientSampleId :

EAST-WALL-5BGL

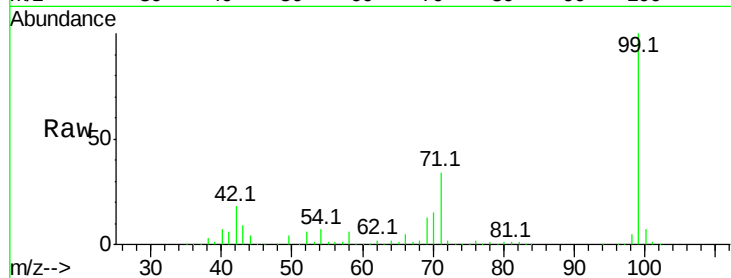
Tot Ion: 99 Resp: 1308554

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

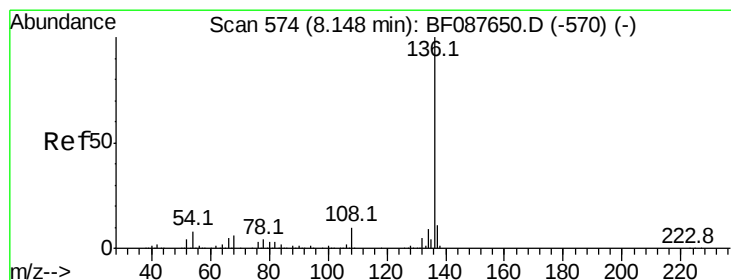
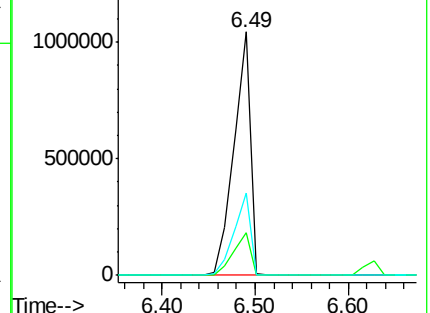
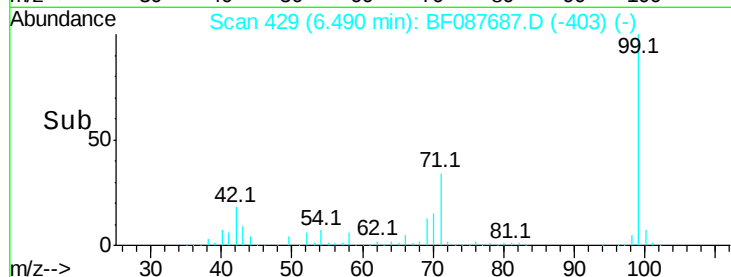
71 34.1 23.4 35.0



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: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087687.D

Acq: 5 Jun 2016 4:09

Tgt Ion: 136 Resp: 481549

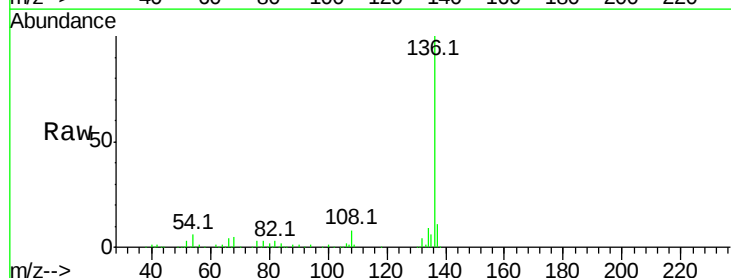
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.6 6.6 10.0#

68 4.7 5.1 7.7#

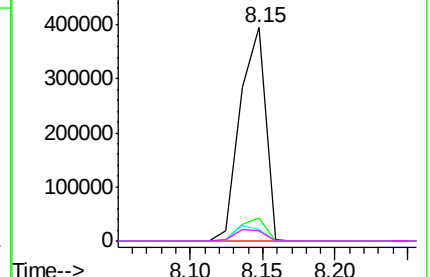
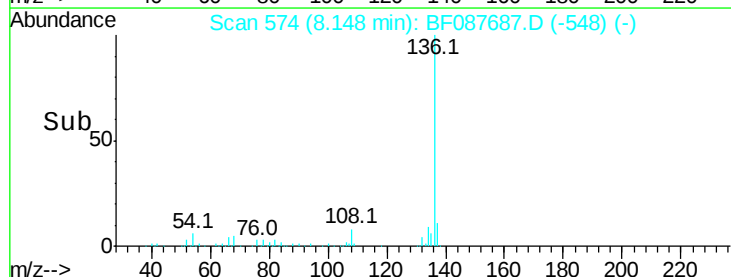


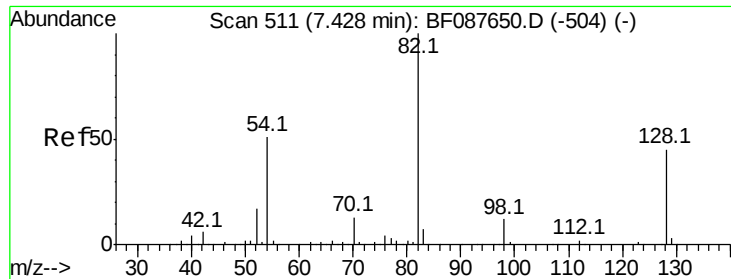
Abundance Ion 136.00 (135.70 to 136.70): E

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

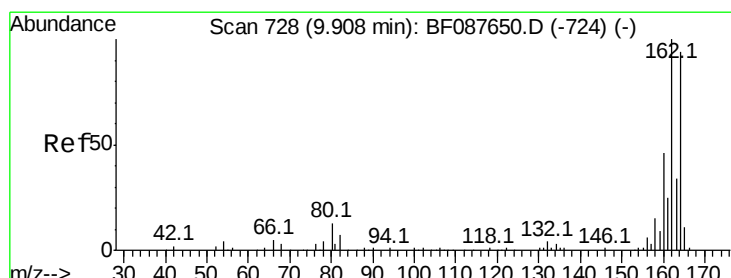
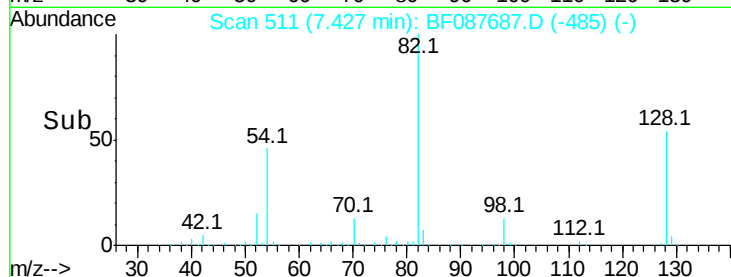
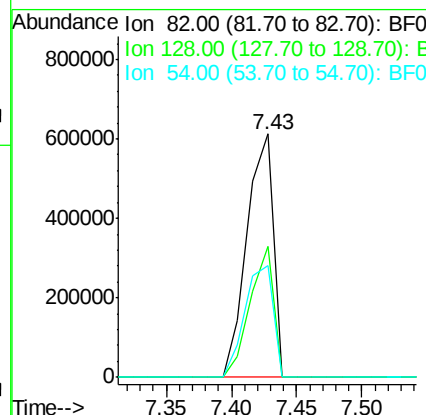
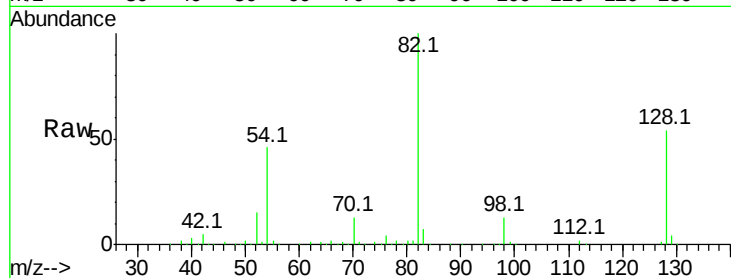




#23  
 Nitrobenzene-d5  
 Concen: 103.19 ng  
 RT: 7.43 min Scan# 511  
 Delta R.T. -0.00 min  
 Lab File: BF087687.D  
 Acq: 5 Jun 2016 4:09

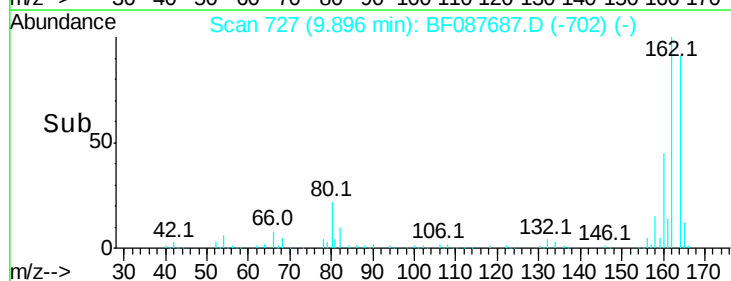
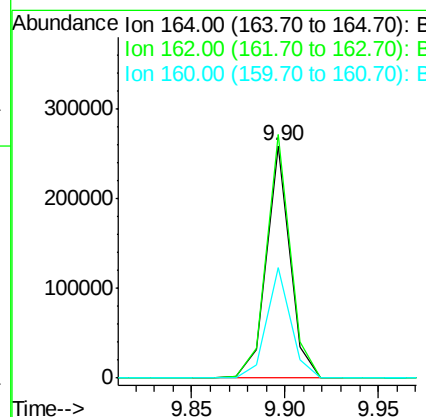
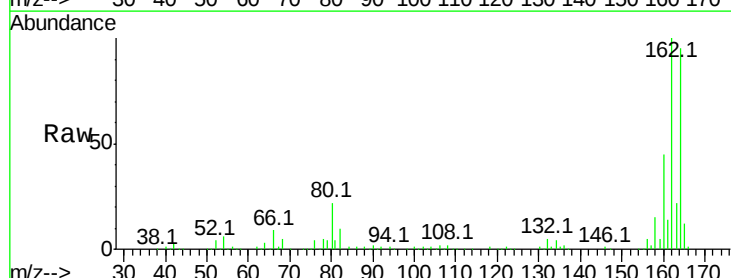
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-WALL-5BGL

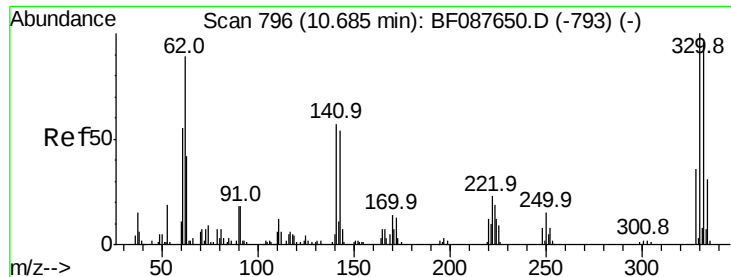
| Tot Ion   | 82   | Resp  | 858886 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 53.6 | 35.9  | 53.9   |
| 54        | 46.0 | 40.9  | 61.3   |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.90 min Scan# 727  
 Delta R.T. -0.01 min  
 Lab File: BF087687.D  
 Acq: 5 Jun 2016 4:09

| Tgt Ion   | 164   | Resp  | 223783 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 104.8 | 85.4  | 128.2  |
| 160       | 47.4  | 39.5  | 59.3   |

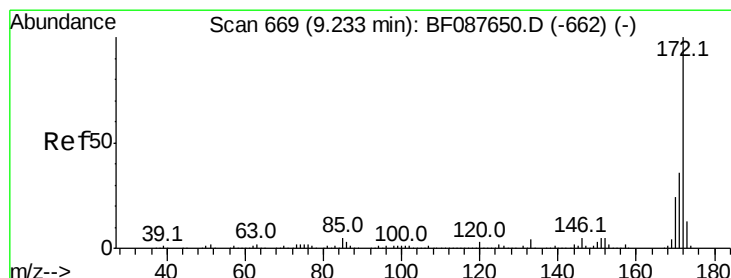
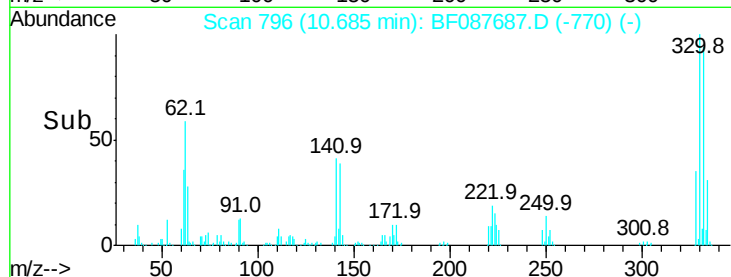
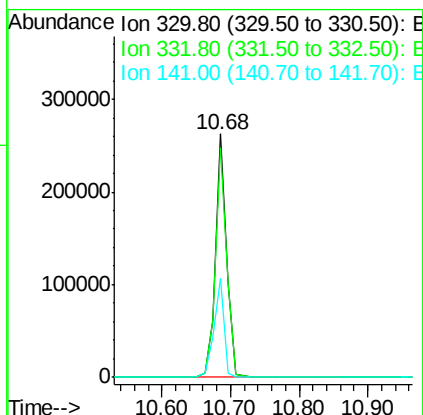
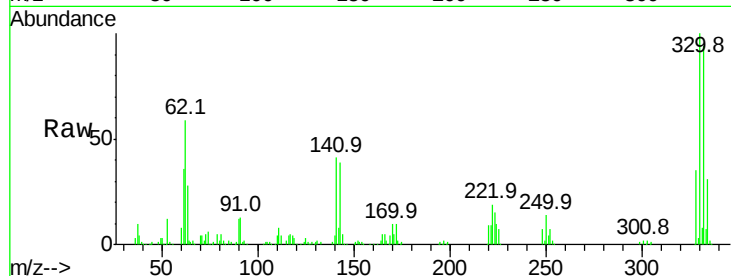




#41  
 2,4,6-Tribromophenol  
 Concen: 134.66 ng  
 RT: 10.68 min Scan# 796  
 Delta R.T. -0.00 min  
 Lab File: BF087687.D  
 Acq: 5 Jun 2016 4:09

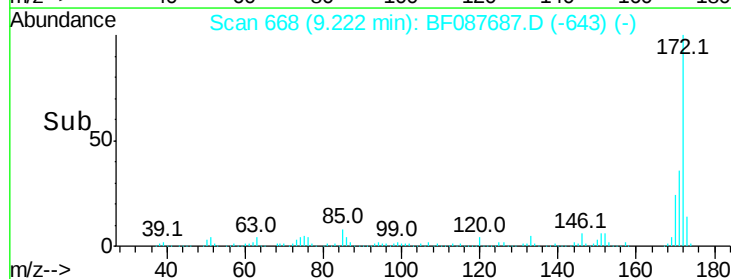
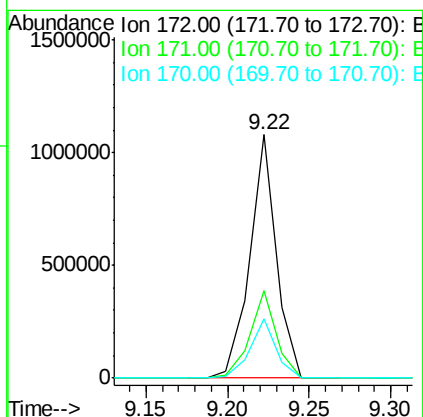
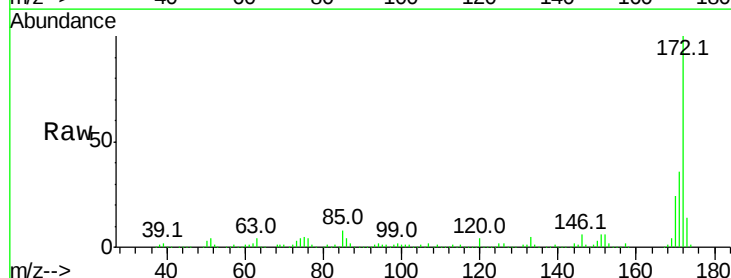
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-WALL-5BGL

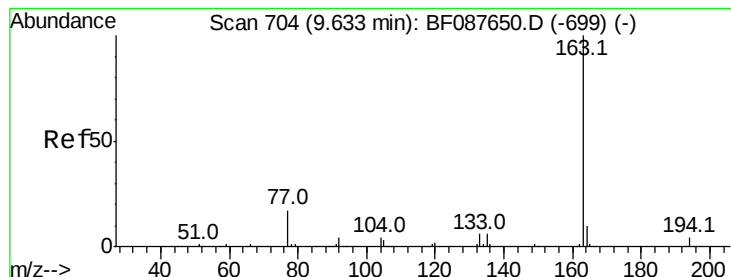
Tot Ion:330 Resp: 302481  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 0.0 0.0#  
 141 36.5 0.0 0.0#



#44  
 2-Fluorobiphenyl  
 Concen: 82.30 ng  
 RT: 9.22 min Scan# 668  
 Delta R.T. -0.01 min  
 Lab File: BF087687.D  
 Acq: 5 Jun 2016 4:09

Tgt Ion:172 Resp: 1212272  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 28.6 43.0  
 170 24.3 19.2 28.8





#49

Dimethylphthalate

Concen: 8.39 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087687.D

Acq: 5 Jun 2016 4:09

Instrument :

BNA\_F

ClientSampleId :

EAST-WALL-5BGL

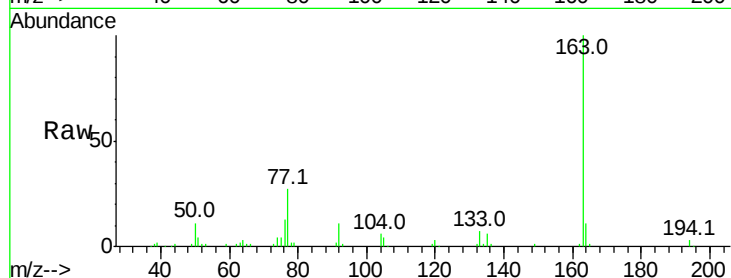
Tot Ion:163 Resp: 136476

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

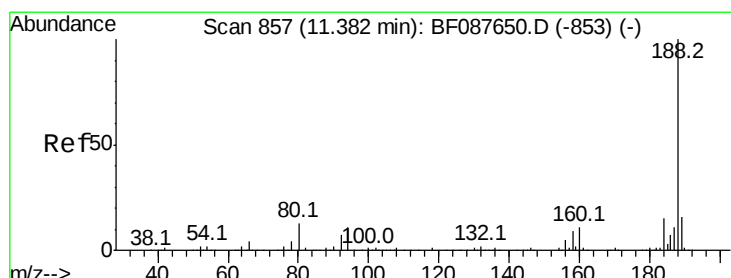
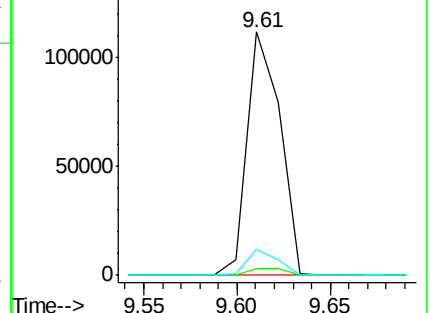
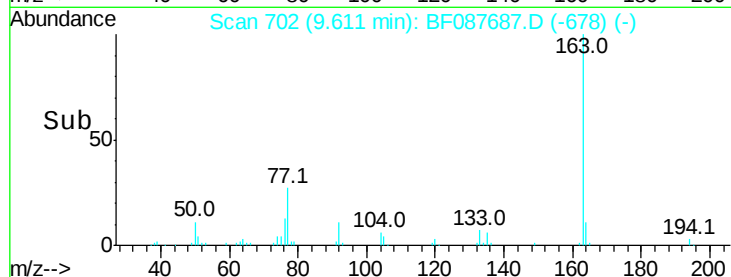
164 10.9 8.3 12.5



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: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087687.D

Acq: 5 Jun 2016 4:09

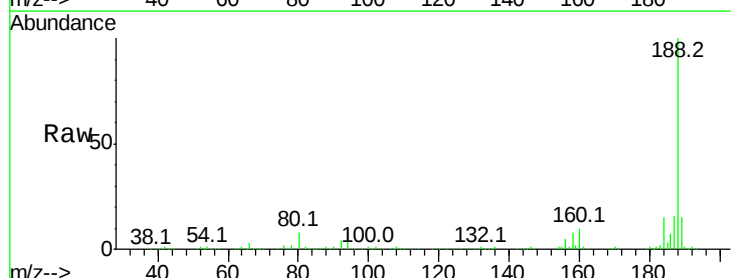
Tgt Ion:188 Resp: 431450

Ion Ratio Lower Upper

188 100

94 7.7 9.0 13.6#

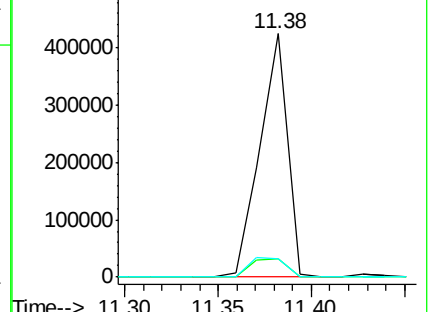
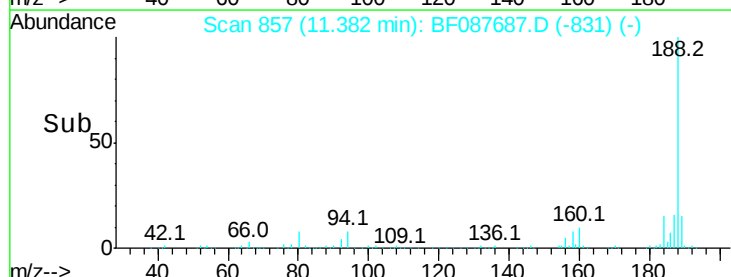
80 7.7 10.0 15.0#

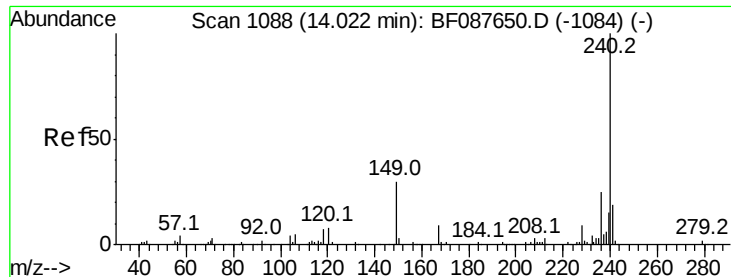


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087687.D

Acq: 5 Jun 2016 4:09

Instrument :

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ClientSampleId :

EAST-WALL-5BGL

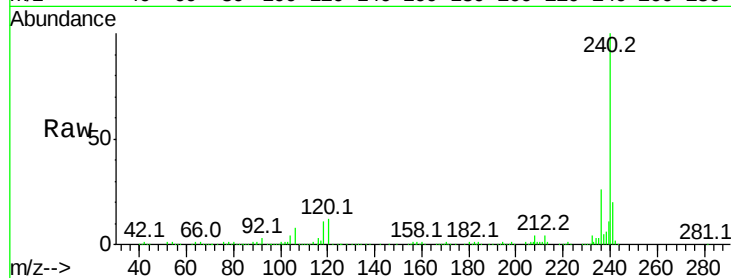
Tot Ion:240 Resp: 366914

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

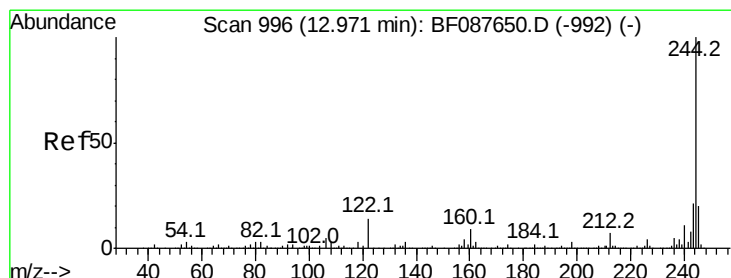
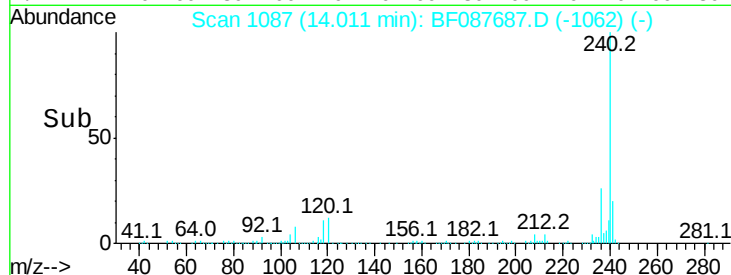
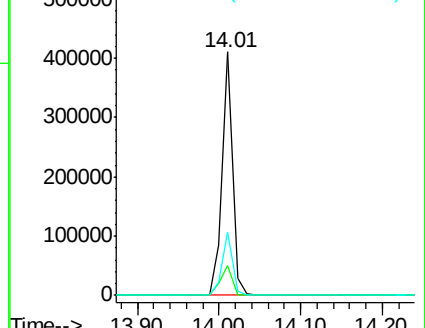
236 25.7 20.2 30.2



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



#78

Terphenyl-d14

Concen: 71.13 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087687.D

Acq: 5 Jun 2016 4:09

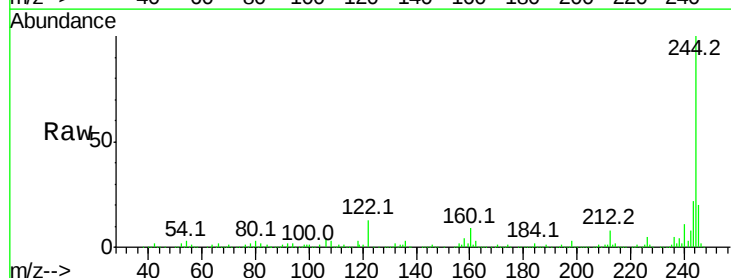
Tgt Ion:244 Resp: 1069517

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

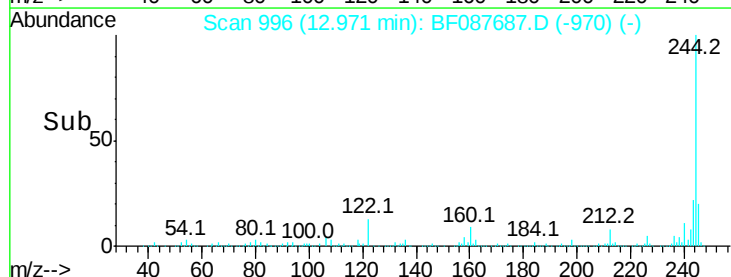
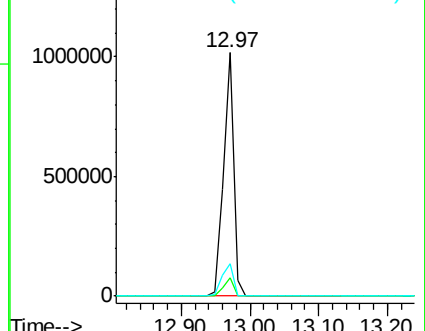
122 13.5 11.2 16.8

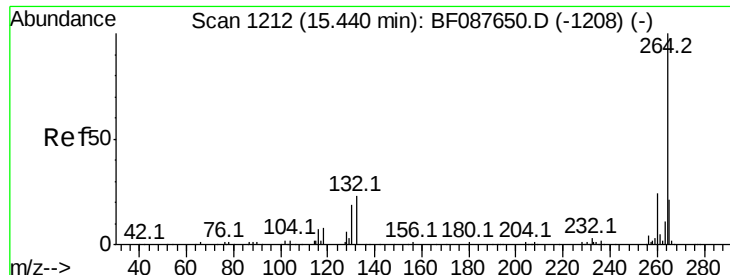


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 15.44 min Scan# 1212  
Delta R.T. -0.00 min  
Lab File: BF087687.D  
Acq: 5 Jun 2016 4:09

Instrument :  
BNA\_F  
ClientSampleId :  
EAST-WALL-5BGL

Tot Ion:264 Resp: 272951  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 19.2  | 28.8  |
| 265 | 21.7  | 16.9  | 25.3  |

