

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\  
 Data File : BF084027.D  
 Acq On : 23 Dec 2015 9:23  
 Operator : UM/SJ  
 Sample : G4919-01  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-SIDEWALL

Quant Time: Dec 23 10:26:03 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 22 18:54:09 2015  
 Response via : Initial Calibration

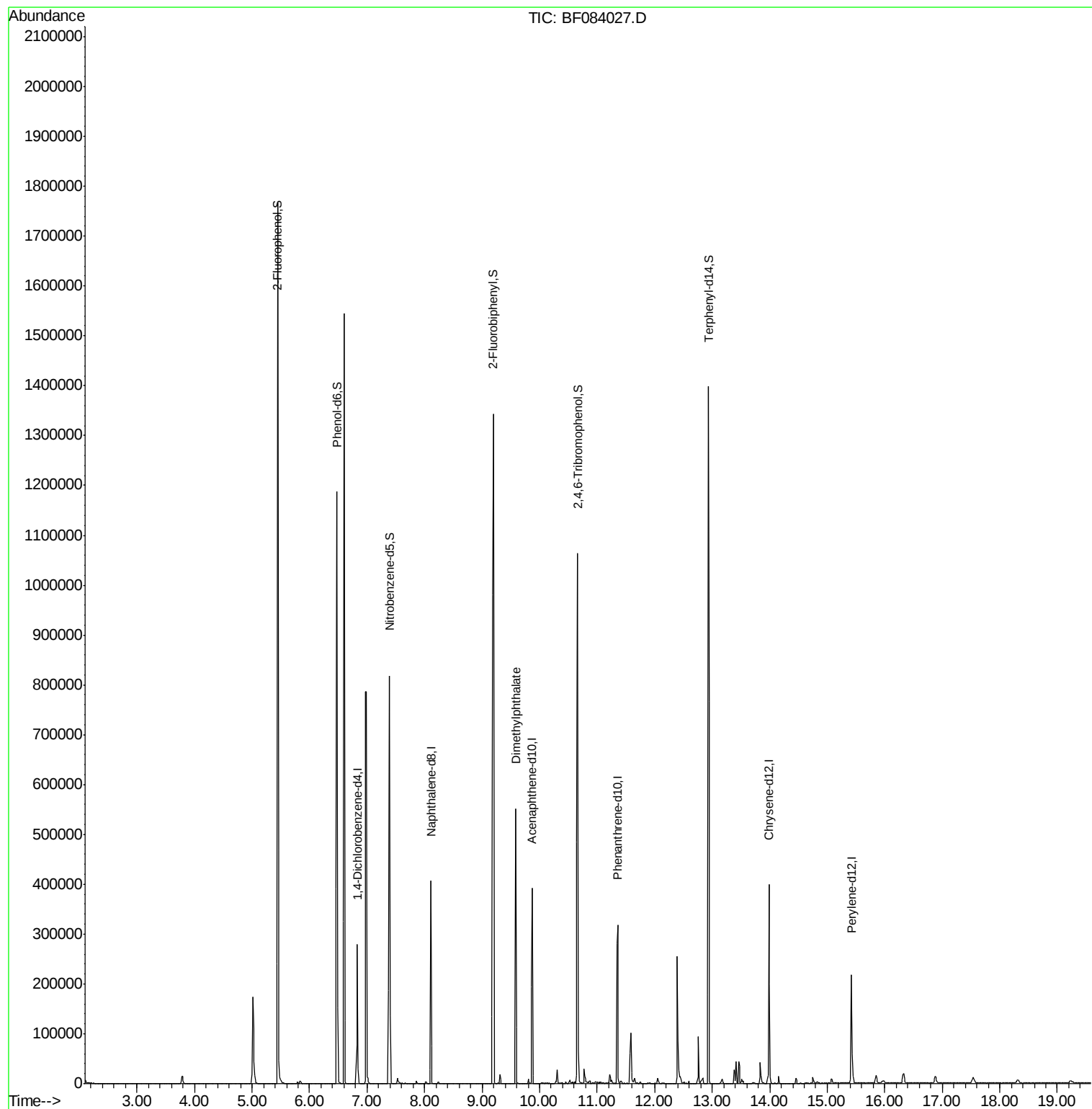
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 46254    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.11  | 136  | 181994   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 9.87  | 164  | 91564    | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 11.36 | 188  | 170339   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 13.99 | 240  | 159974   | 20.00  | ng    | -0.01          |
| 86) Perylene-d12            | 15.43 | 264  | 129153   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.45  | 112  | 520114   | 191.73 | ng    | 0.01           |
| 7) Phenol-d6                | 6.48  | 99   | 436311   | 136.79 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 273762   | 92.41  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 10.66 | 330  | 138656   | 157.44 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 9.20  | 172  | 592970   | 87.16  | ng    | 0.00           |
| 78) Terphenyl-d14           | 12.93 | 244  | 536105   | 79.92  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.58  | 163  | 229648   | 32.05  | ng    | Qvalue<br># 90 |

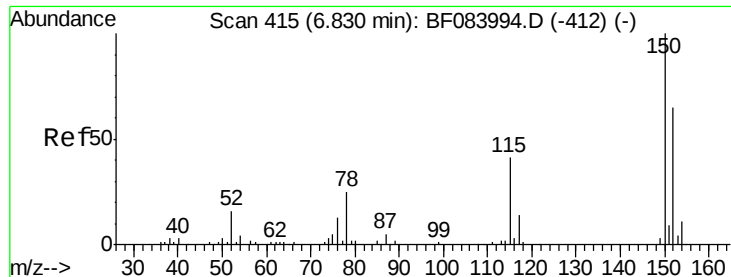
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 18:54:09 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084027.D

Acq: 23 Dec 2015 9:23

Instrument :

BNA\_F

ClientSampleId :

EAST-SIDEWALL

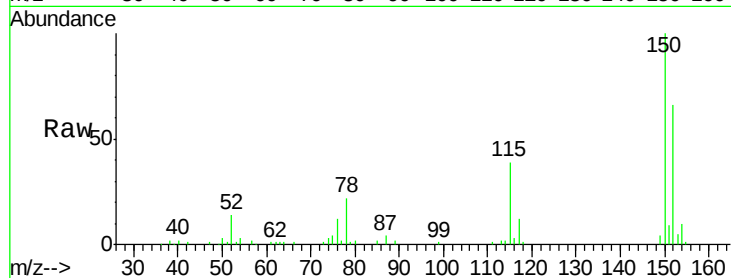
Tot Ion:152 Resp: 46254

Ion Ratio Lower Upper

152 100

150 152.6 123.0 184.4

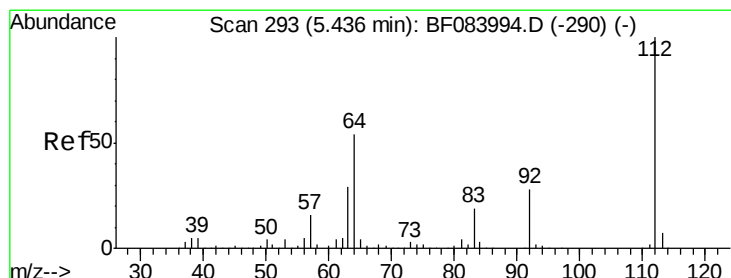
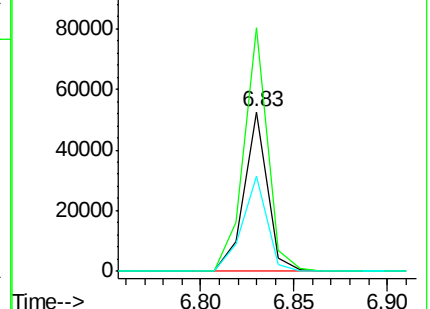
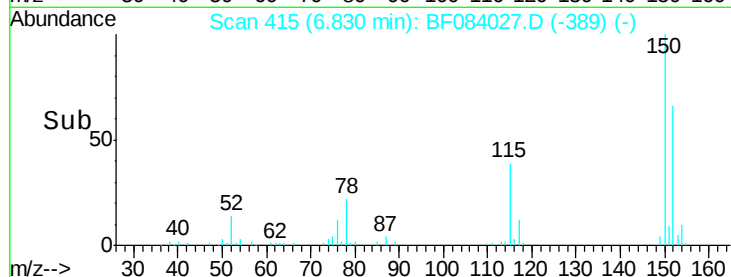
115 59.5 51.4 77.2



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: 191.73 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084027.D

Acq: 23 Dec 2015 9:23

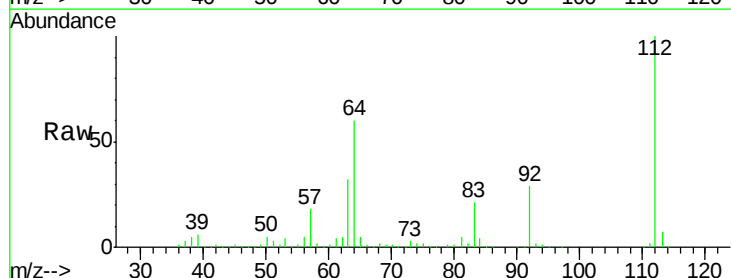
Tgt Ion:112 Resp: 520114

Ion Ratio Lower Upper

112 100

64 59.7 36.6 55.0#

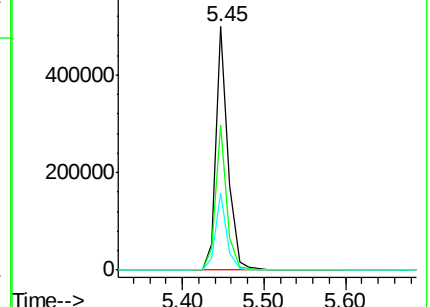
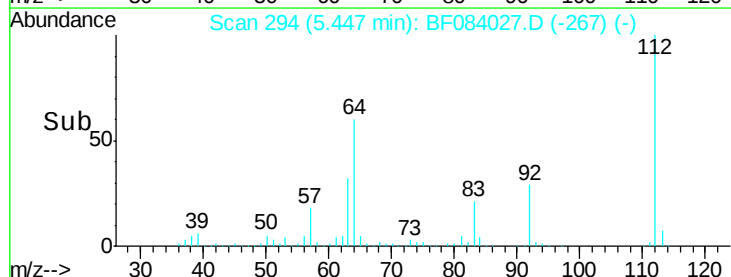
63 31.6 19.4 29.0#

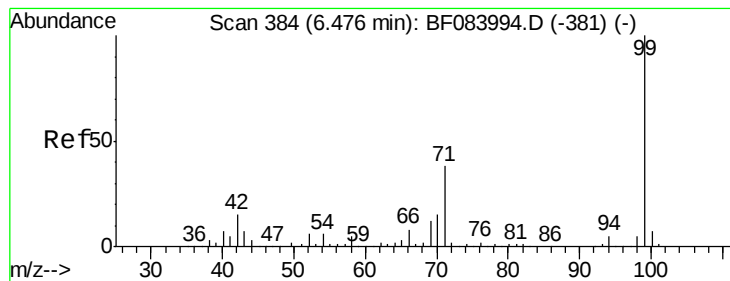


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.79 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084027.D

Acq: 23 Dec 2015 9:23

Instrument :

BNA\_F

ClientSampleId :

EAST-SIDEWALL

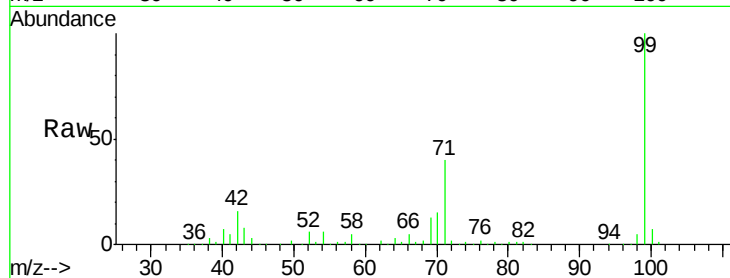
Tot Ion: 99 Resp: 436311

Ion Ratio Lower Upper

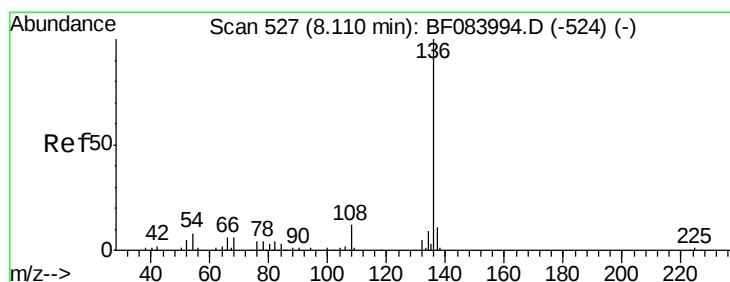
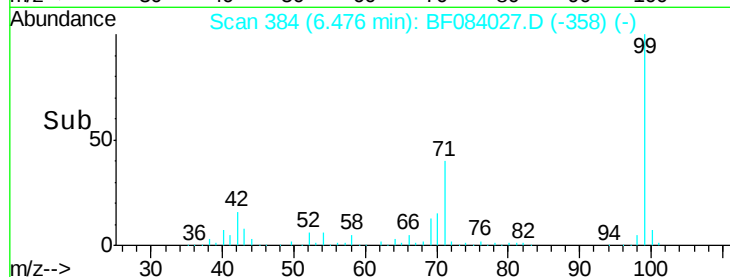
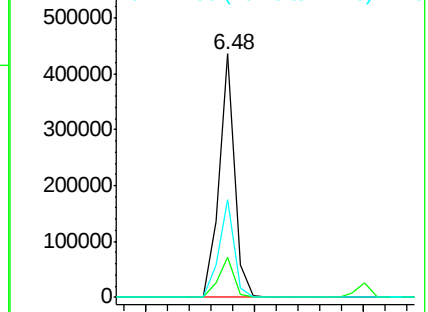
99 100

42 16.5 12.8 19.2

71 40.0 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084027.D

Acq: 23 Dec 2015 9:23

Tgt Ion: 136 Resp: 181994

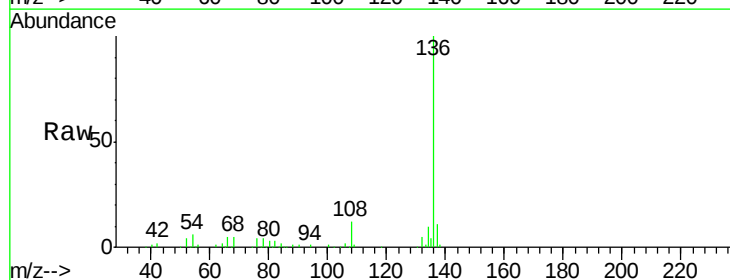
Ion Ratio Lower Upper

136 100

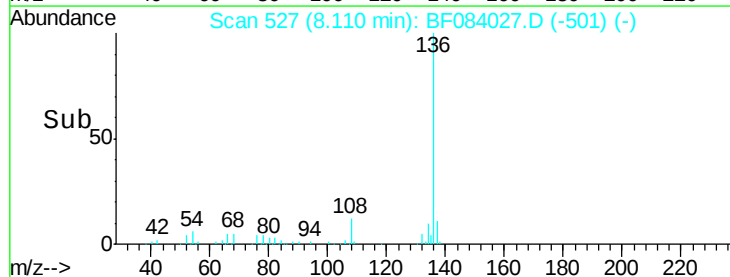
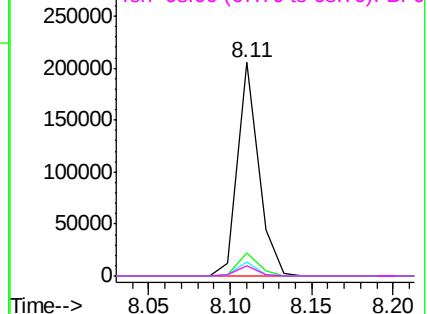
137 10.8 8.7 13.1

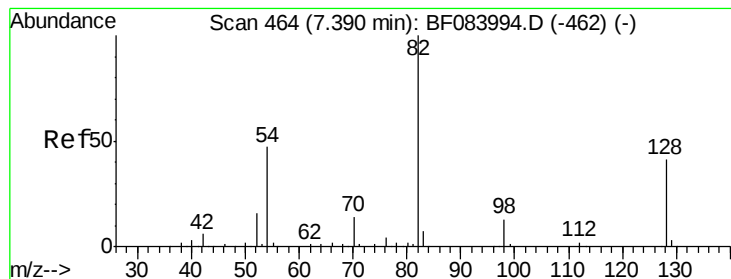
54 6.3 5.8 8.8

68 4.8 4.2 6.2



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: 92.41 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084027.D

Acq: 23 Dec 2015 9:23

Instrument :

BNA\_F

ClientSampleId :

EAST-SIDEWALL

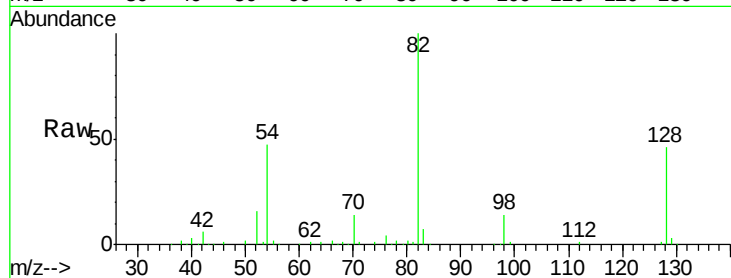
Tot Ion: 82 Resp: 273762

Ion Ratio Lower Upper

82 100

128 45.6 34.6 51.8

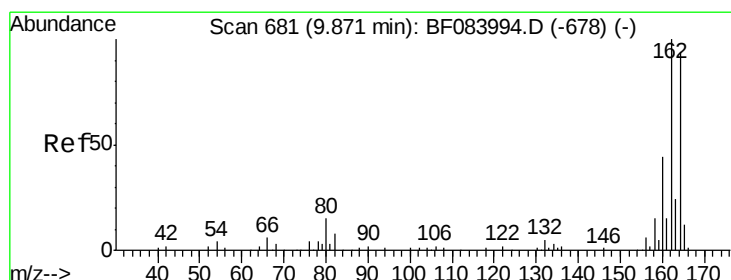
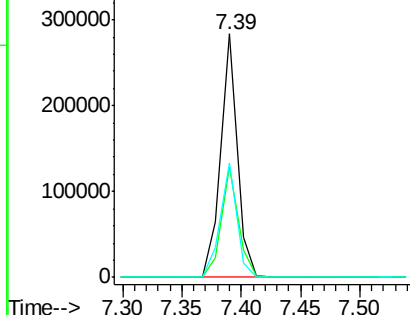
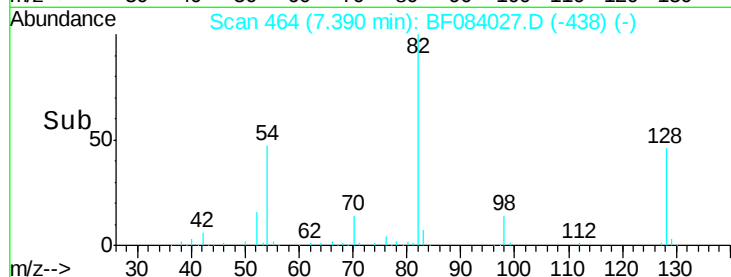
54 47.1 38.4 57.6



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: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084027.D

Acq: 23 Dec 2015 9:23

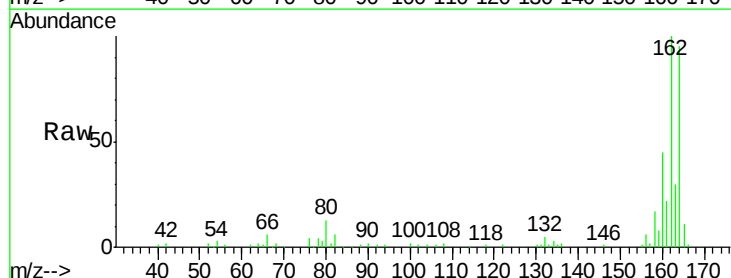
Tgt Ion:164 Resp: 91564

Ion Ratio Lower Upper

164 100

162 104.8 85.1 127.7

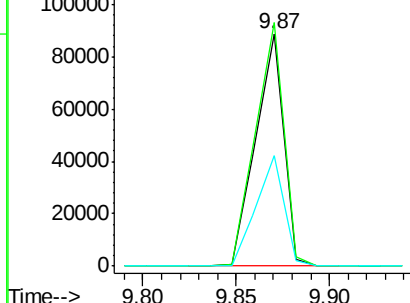
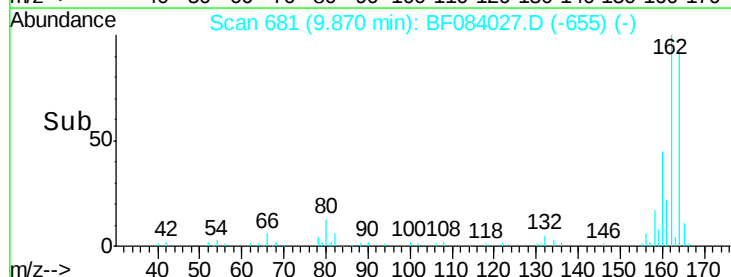
160 47.5 37.5 56.3

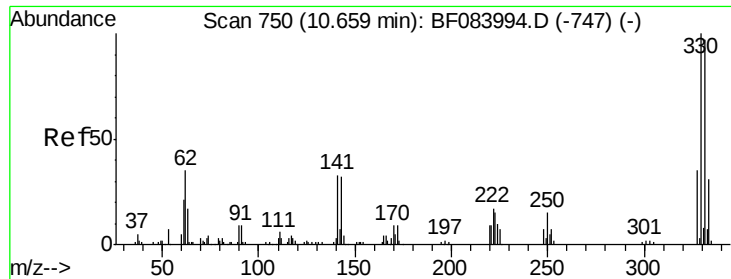


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

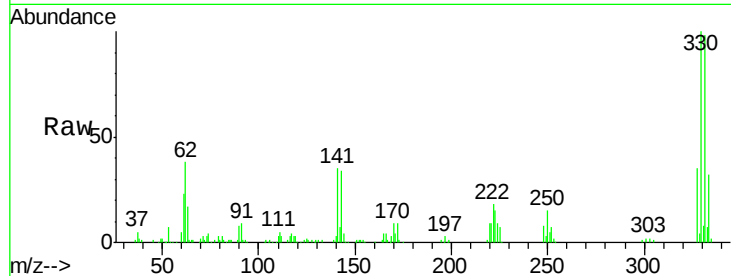




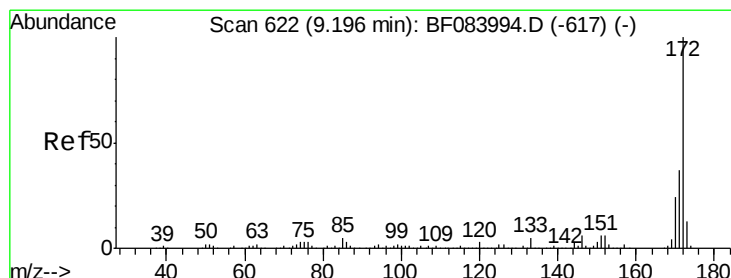
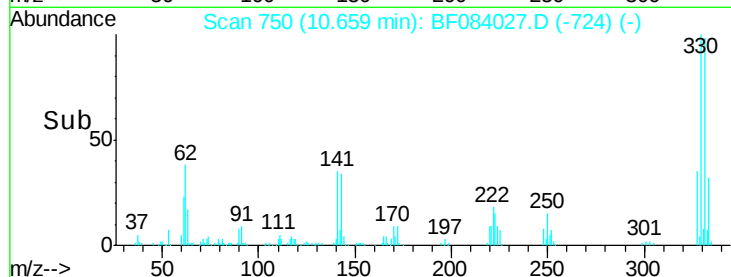
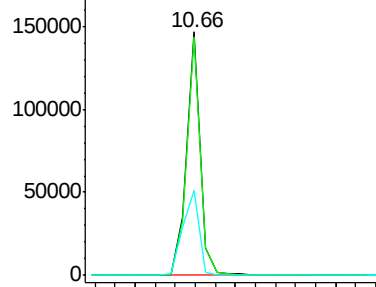
#41  
 2,4,6-Tribromophenol  
 Concen: 157.44 ng  
 RT: 10.66 min Scan# 750  
 Delta R.T. -0.00 min  
 Lab File: BF084027.D  
 Acq: 23 Dec 2015 9:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-SIDEWALL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.5  | 76.6  | 114.8 |
| 141     | 41.1  | 27.8  | 41.6  |

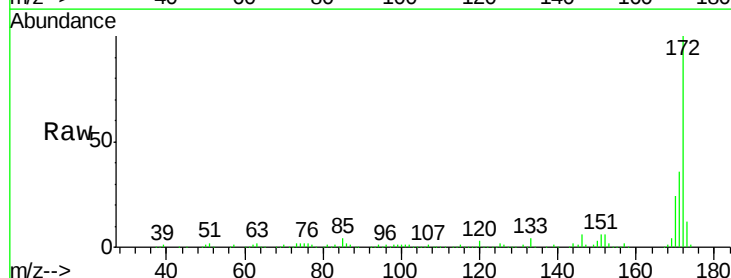


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

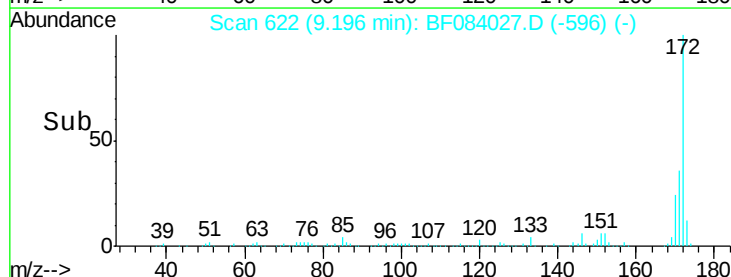
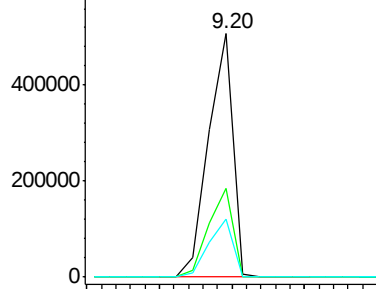


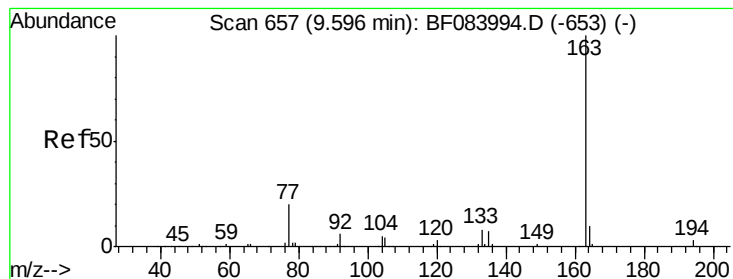
#44  
 2-Fluorobiphenyl  
 Concen: 87.16 ng  
 RT: 9.20 min Scan# 622  
 Delta R.T. -0.00 min  
 Lab File: BF084027.D  
 Acq: 23 Dec 2015 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 28.9  | 43.3  |
| 170     | 23.6  | 18.6  | 27.8  |



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: 32.05 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084027.D

Acq: 23 Dec 2015 9:23

Instrument :

BNA\_F

ClientSampleId :

EAST-SIDEWALL

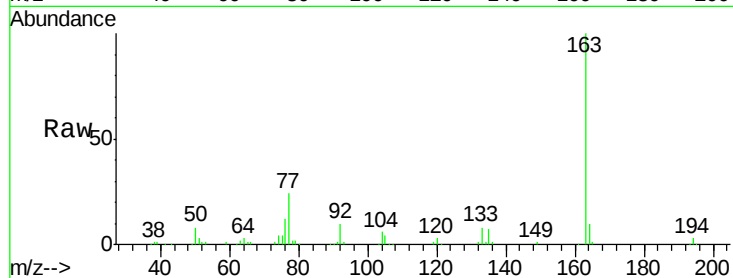
Tot Ion:163 Resp: 229648

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

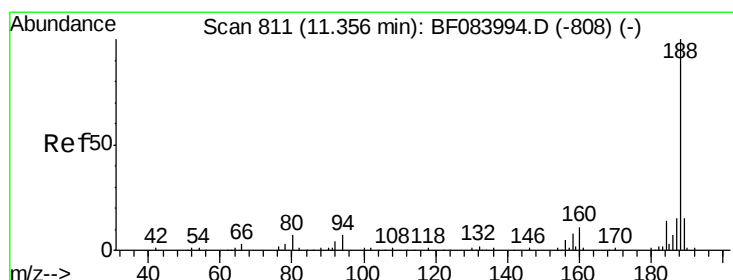
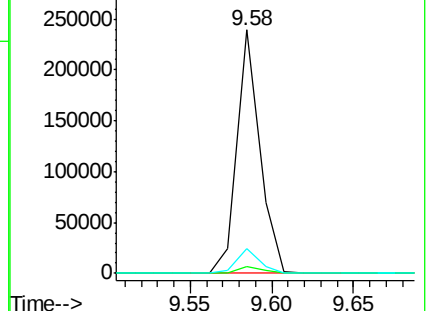
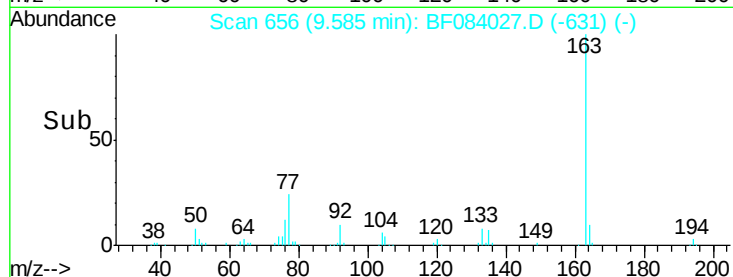
164 10.4 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF084027.D

Acq: 23 Dec 2015 9:23

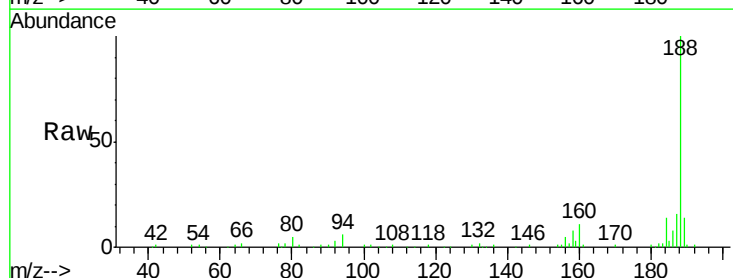
Tgt Ion:188 Resp: 170339

Ion Ratio Lower Upper

188 100

94 5.7 9.0 13.4#

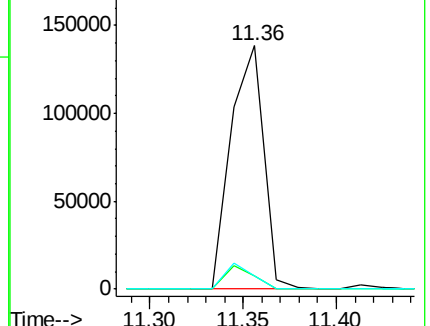
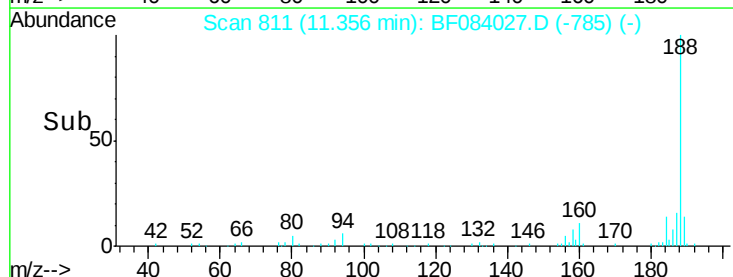
80 5.5 9.6 14.4#

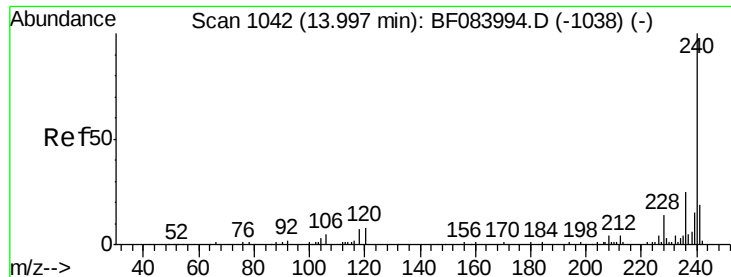


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084027.D

Acq: 23 Dec 2015 9:23

Instrument :

BNA\_F

ClientSampleId :

EAST-SIDEWALL

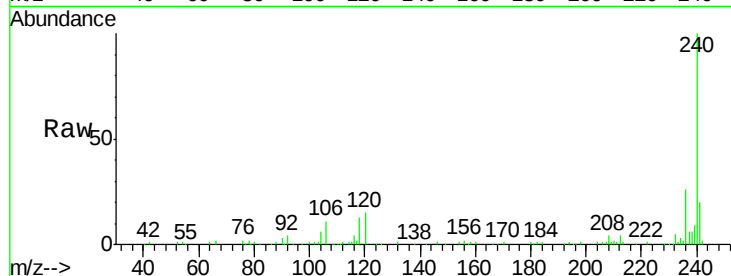
Tot Ion:240 Resp: 159974

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

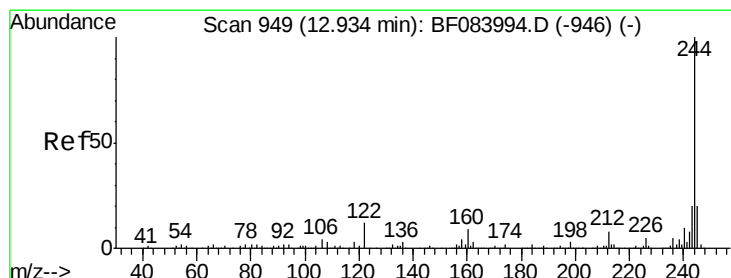
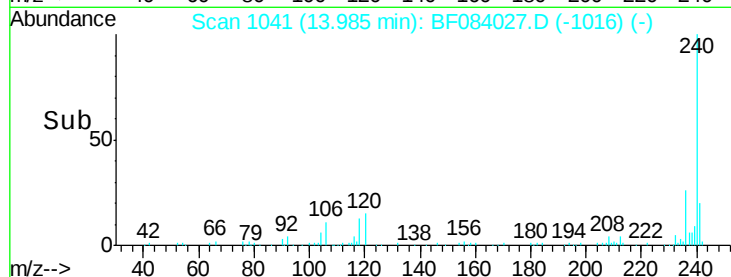
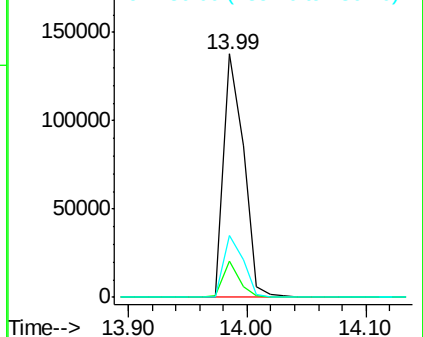
236 25.6 20.6 31.0



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: 79.92 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084027.D

Acq: 23 Dec 2015 9:23

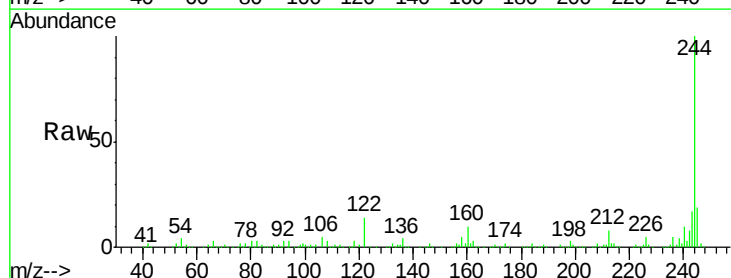
Tgt Ion:244 Resp: 536105

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

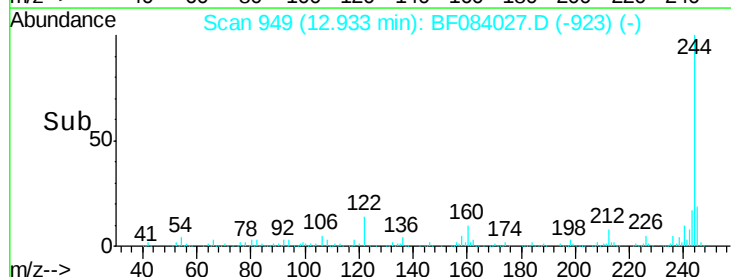
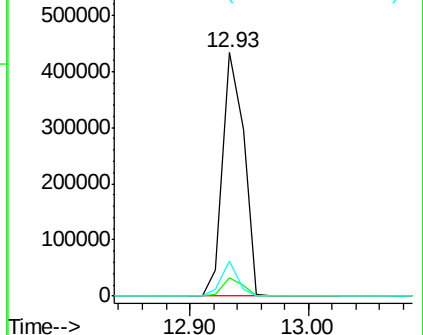
122 14.4 7.4 11.0#

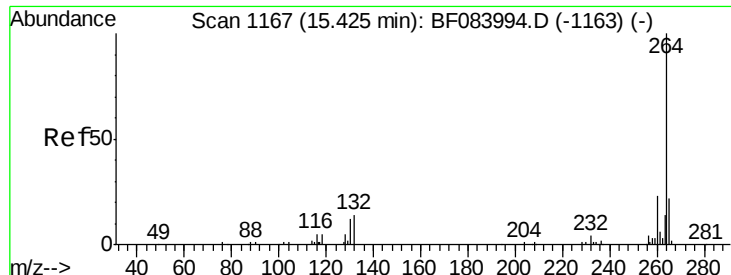


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

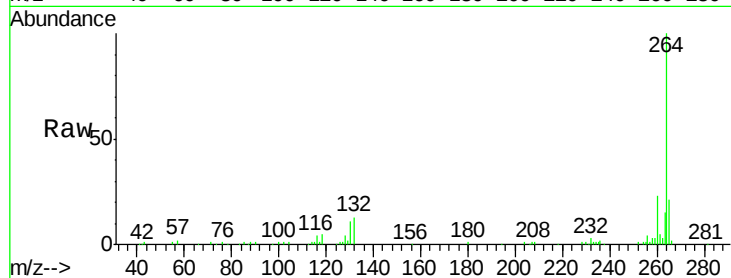




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 15.43 min Scan# 1167  
 Delta R.T. -0.00 min  
 Lab File: BF084027.D  
 Acq: 23 Dec 2015 9:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-SIDEWALL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.4  | 29.2  |
| 265     | 20.5  | 17.8  | 26.6  |



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

