

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\  
 Data File : BF092037.D  
 Acq On : 29 Dec 2016 21:20  
 Operator : UM/SJ  
 Sample : H6301-08  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-10

Quant Time: Dec 30 00:24:14 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 28 17:32:10 2016  
 Response via : Initial Calibration

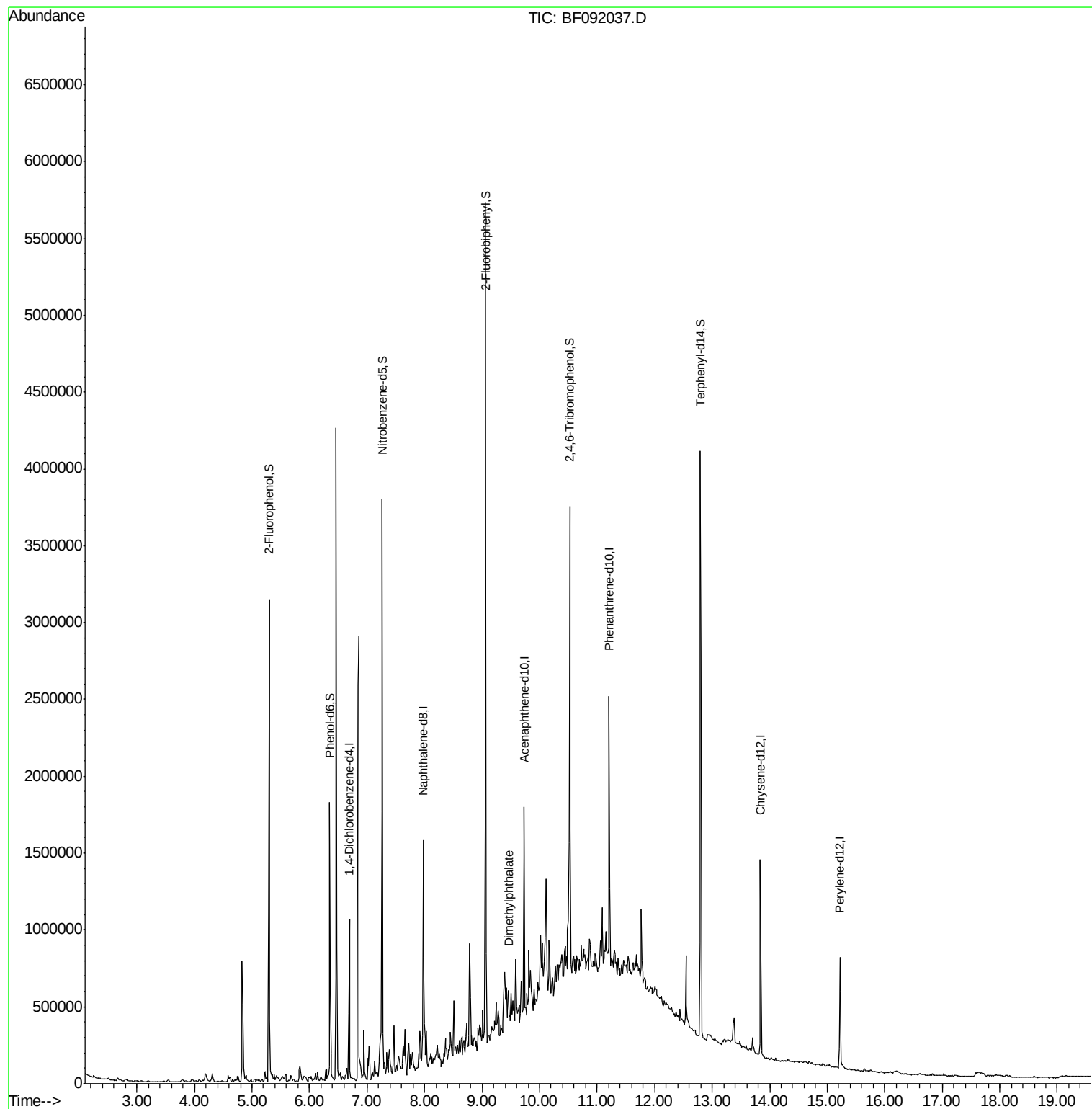
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 171185   | 20.00  | ng    | -0.01          |
| 21) Naphthalene-d8          | 7.97  | 136  | 657398   | 20.00  | ng    | -0.02          |
| 38) Acenaphthene-d10        | 9.73  | 164  | 361454   | 20.00  | ng    | -0.02          |
| 63) Phenanthrene-d10        | 11.21 | 188  | 606832   | 20.00  | ng    | -0.02          |
| 75) Chrysene-d12            | 13.84 | 240  | 504179   | 20.00  | ng    | -0.03          |
| 86) Perylene-d12            | 15.22 | 264  | 357331   | 20.00  | ng    | -0.03          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.30  | 112  | 964540   | 94.08  | ng    | -0.02          |
| 7) Phenol-d6                | 6.35  | 99   | 628950   | 50.25  | ng    | -0.03          |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 1204031  | 101.84 | ng    | -0.02          |
| 41) 2,4,6-Tribromophenol    | 10.52 | 330  | 415550   | 138.92 | ng    | -0.02          |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 1724268  | 100.02 | ng    | -0.02          |
| 78) Terphenyl-d14           | 12.80 | 244  | 1649003  | 79.32  | ng    | -0.02          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.46  | 163  | 69331    | 3.00   | ng    | Qvalue<br># 94 |

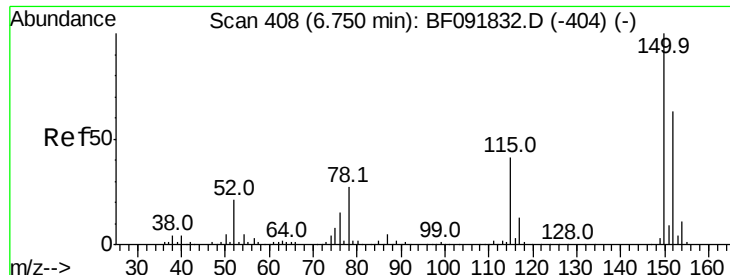
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 28 17:32:10 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

Instrument :

BNA\_F

ClientSampleId :

MW-10

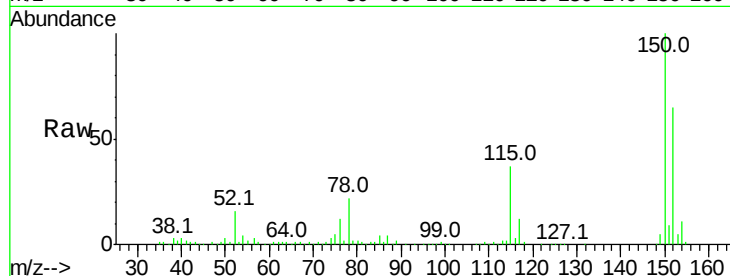
Tot Ion:152 Resp: 171185

Ion Ratio Lower Upper

152 100

150 152.9 124.9 187.3

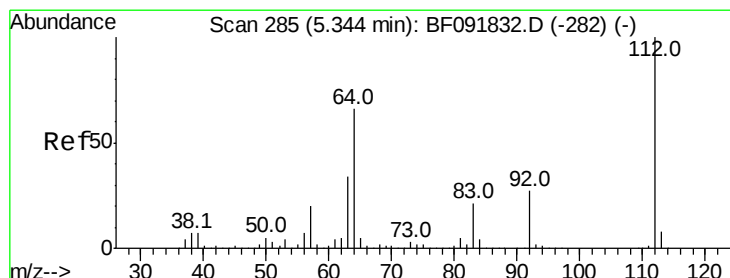
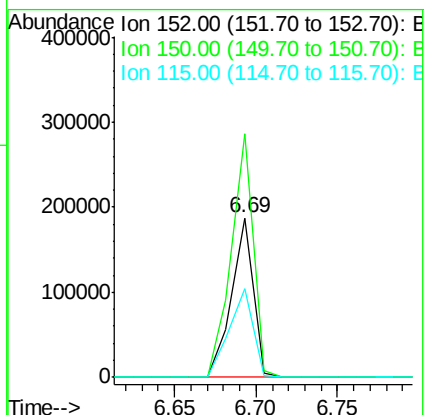
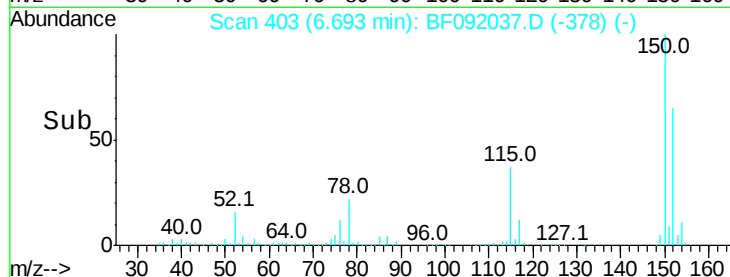
115 56.0 46.0 69.0



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: 94.08 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

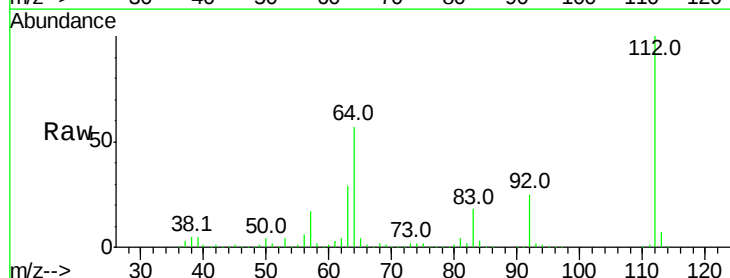
Tgt Ion:112 Resp: 964540

Ion Ratio Lower Upper

112 100

64 57.0 46.1 69.1

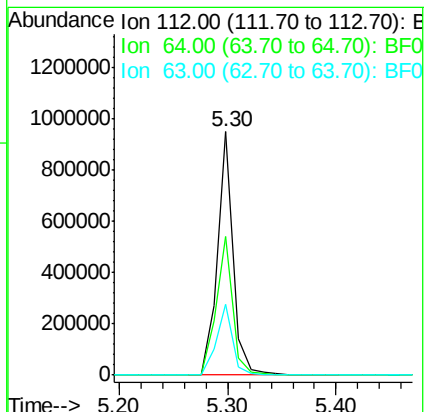
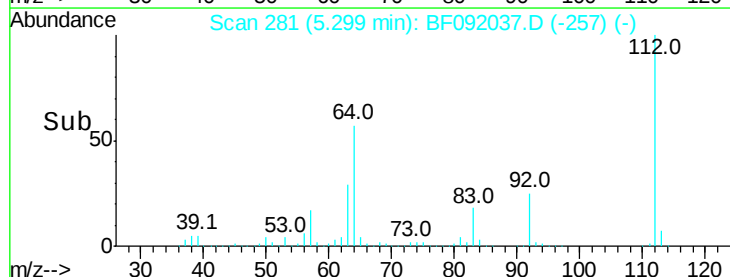
63 29.2 23.8 35.6



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: 50.25 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

Instrument :

BNA\_F

ClientSampleId :

MW-10

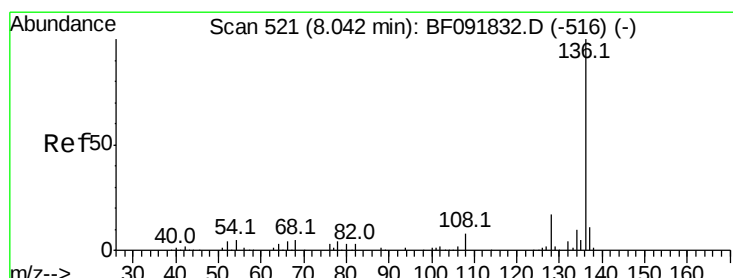
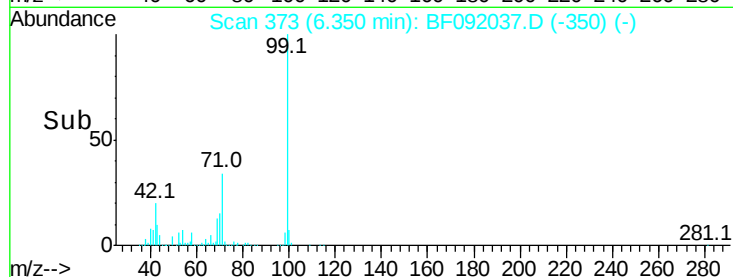
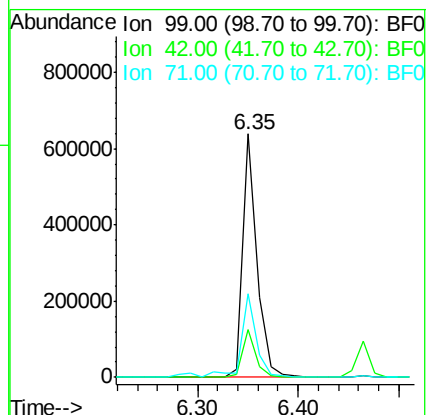
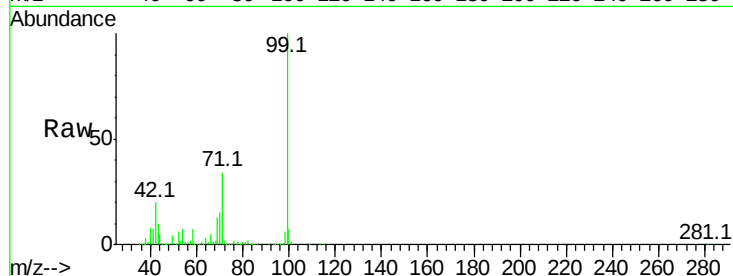
Tot Ion: 99 Resp: 628950

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 34.3 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

Tgt Ion: 136 Resp: 657398

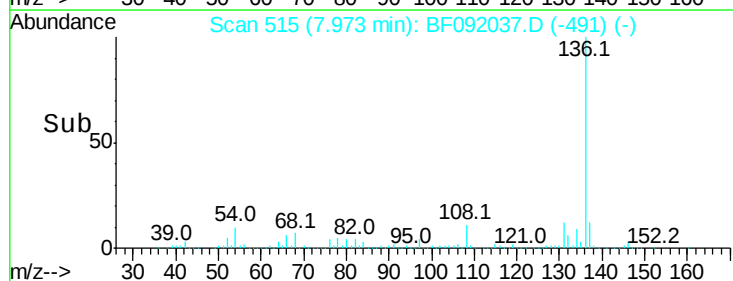
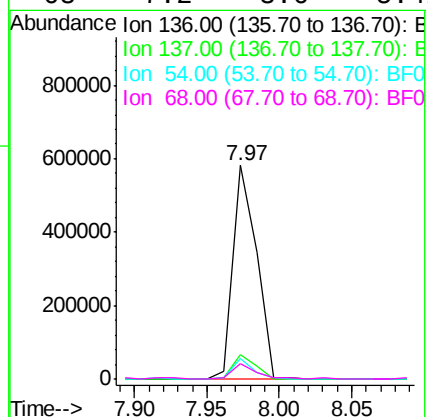
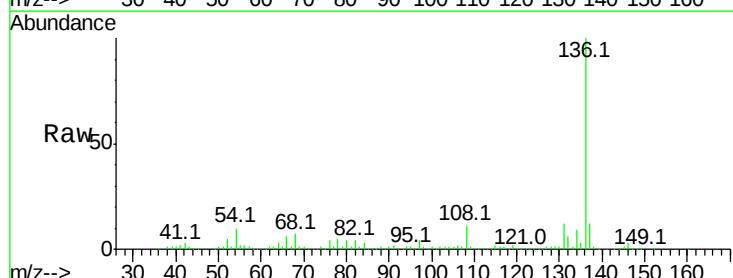
Ion Ratio Lower Upper

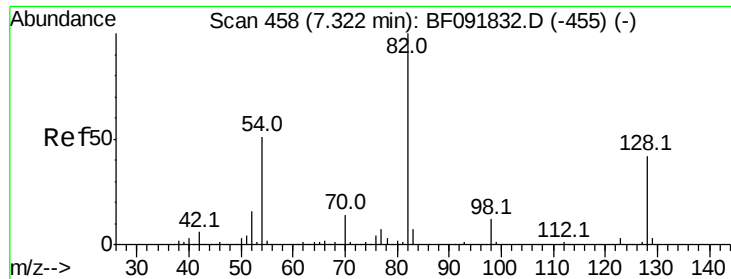
136 100

137 11.5 8.4 12.6

54 9.8 4.5 6.7#

68 7.2 3.6 5.4#



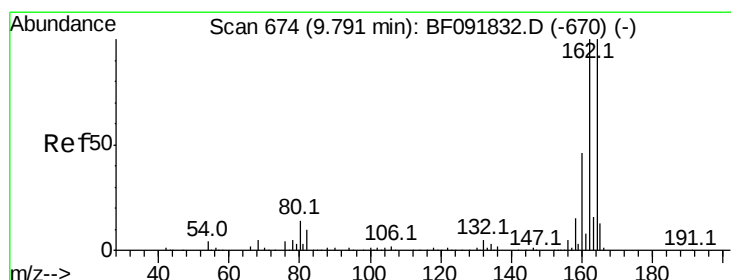
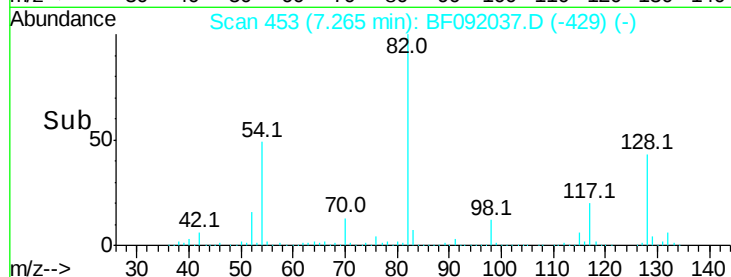
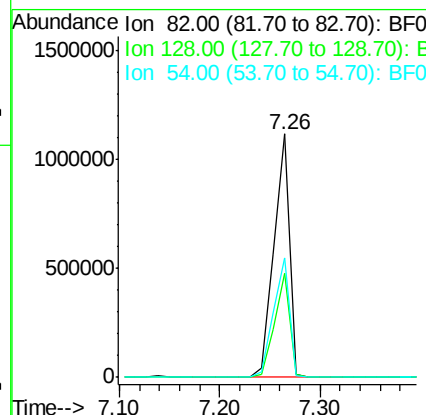
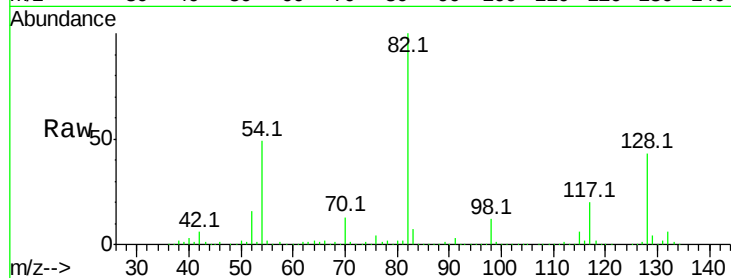


#23  
 Nitrobenzene-d5  
 Concen: 101.84 ng  
 RT: 7.26 min Scan# 453  
 Delta R.T. -0.02 min  
 Lab File: BF092037.D  
 Acq: 29 Dec 2016 21:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-10

Tot Ion: 82 Resp: 1204031  

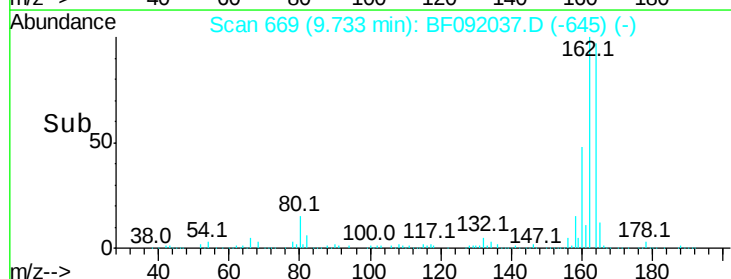
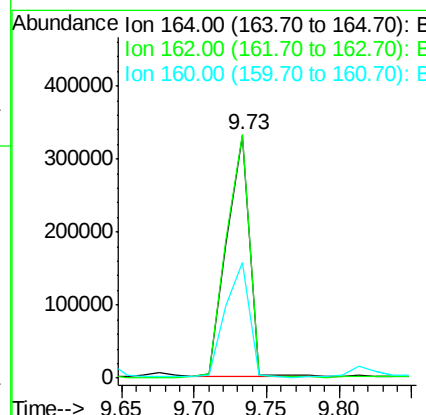
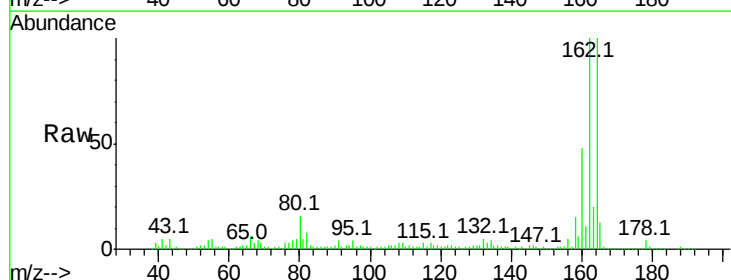
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.9  | 34.6  | 52.0  |
| 54  | 49.0  | 39.5  | 59.3  |

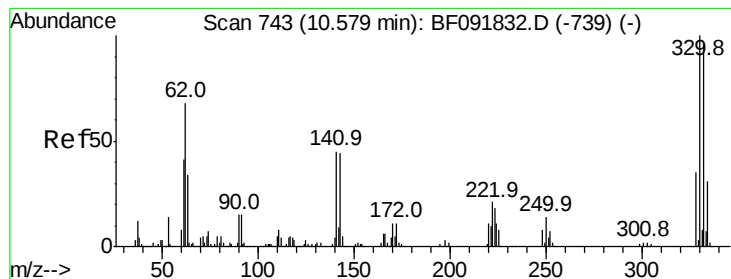


#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.73 min Scan# 669  
 Delta R.T. -0.02 min  
 Lab File: BF092037.D  
 Acq: 29 Dec 2016 21:20

Tgt Ion:164 Resp: 361454  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.3 | 80.2  | 120.2 |
| 160 | 47.6  | 36.9  | 55.3  |





#41

2,4,6-Tribromophenol

Concen: 138.92 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

Instrument :

BNA\_F

ClientSampleId :

MW-10

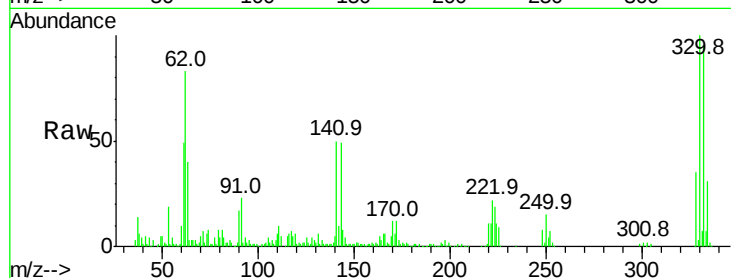
Tot Ion:330 Resp: 415550

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

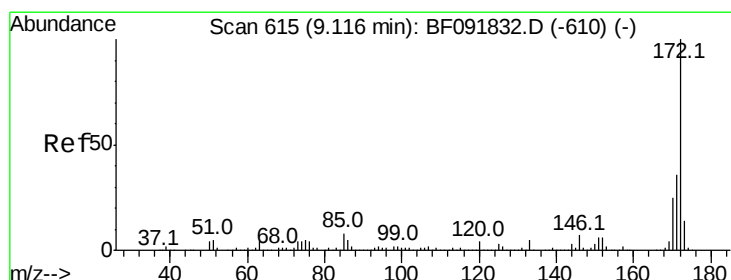
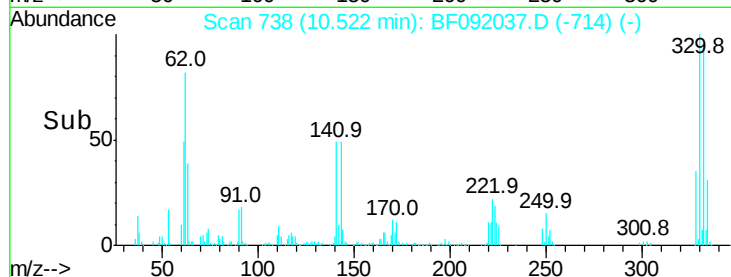
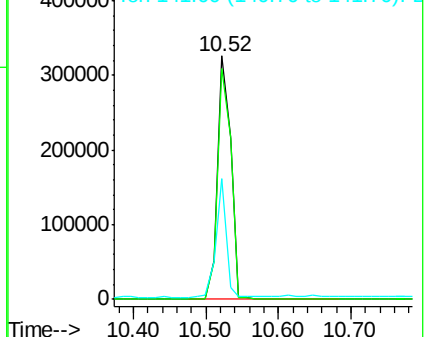
141 37.4 34.1 51.1



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: 100.02 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

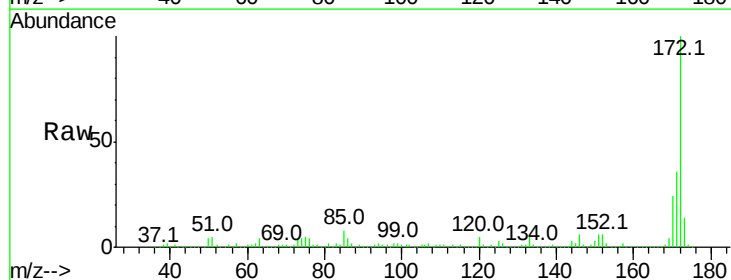
Tgt Ion:172 Resp: 1724268

Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

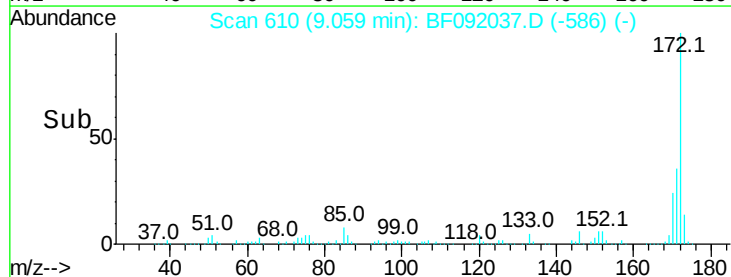
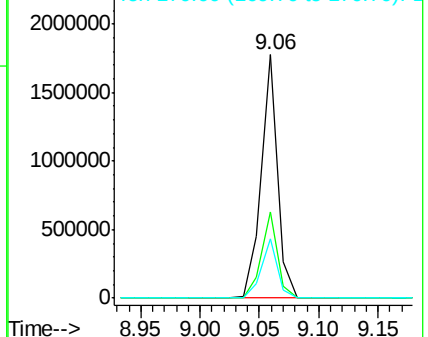
170 24.3 20.2 30.4

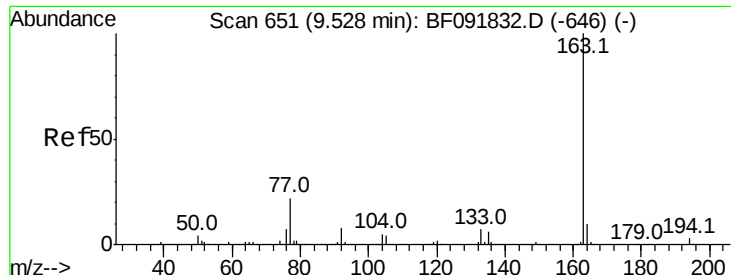


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

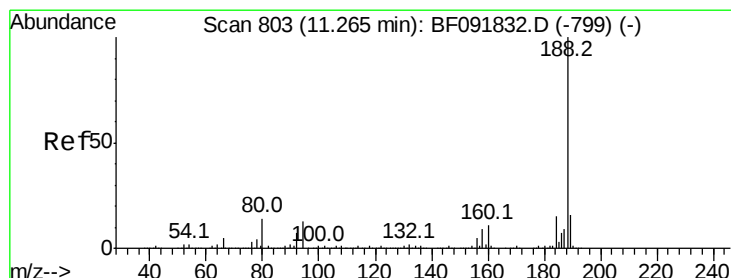
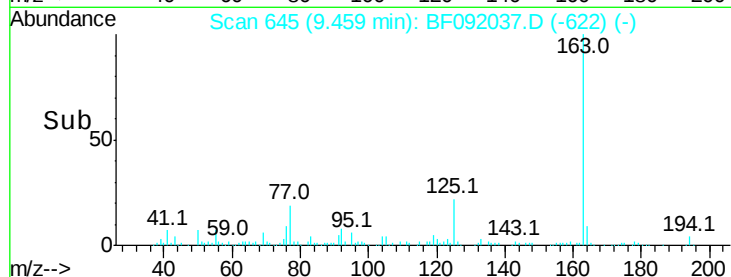
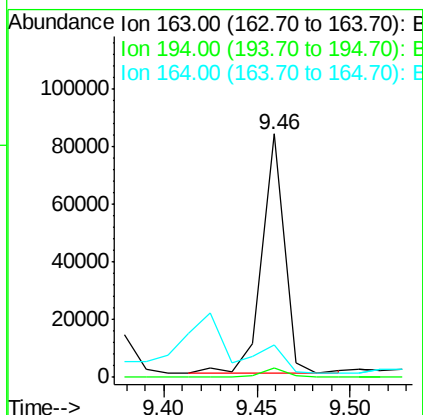
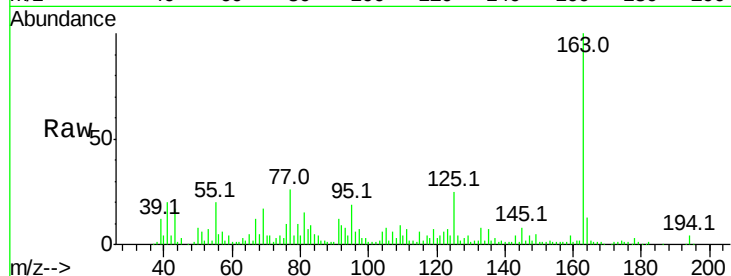




#49  
Dimethylphthalate  
Concen: 3.00 ng  
RT: 9.46 min Scan# 645  
Delta R.T. -0.03 min  
Lab File: BF092037.D  
Acq: 29 Dec 2016 21:20

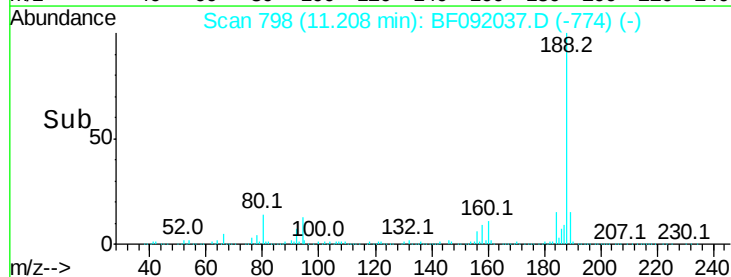
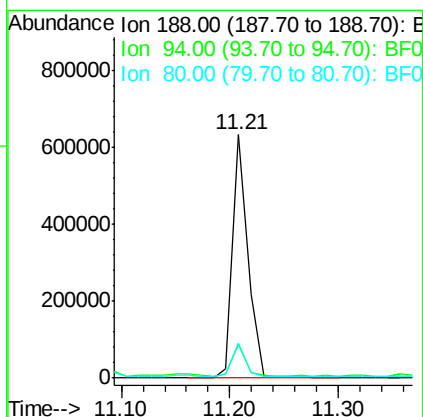
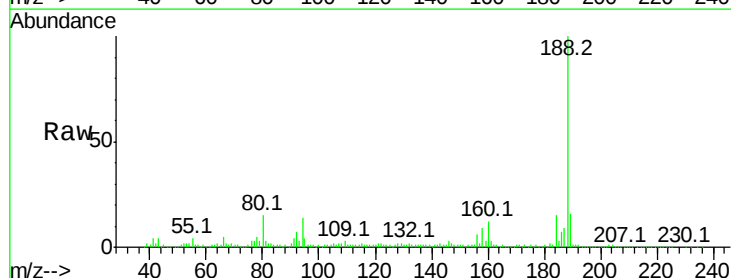
Instrument :  
BNA\_F  
ClientSampleId :  
MW-10

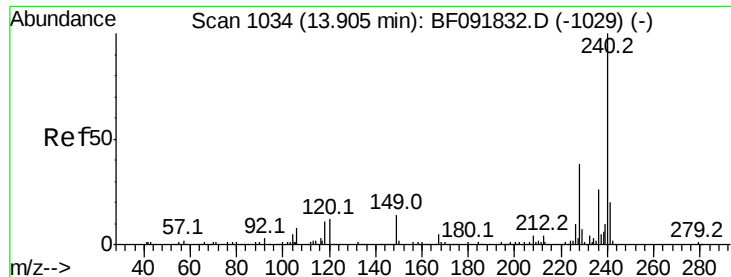
Tot Ion:163 Resp: 69331  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.4  
164 13.1 8.0 12.0#



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.21 min Scan# 798  
Delta R.T. -0.02 min  
Lab File: BF092037.D  
Acq: 29 Dec 2016 21:20

Tgt Ion:188 Resp: 606832  
Ion Ratio Lower Upper  
188 100  
94 13.7 10.0 15.0  
80 14.6 11.2 16.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

Instrument :

BNA\_F

ClientSampled :

MW-10

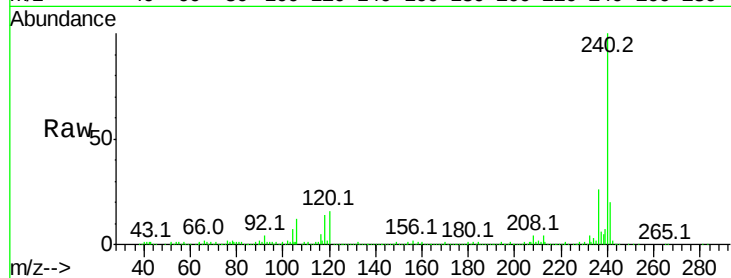
Tot Ion:240 Resp: 504179

Ion Ratio Lower Upper

240 100

120 15.9 12.9 19.3

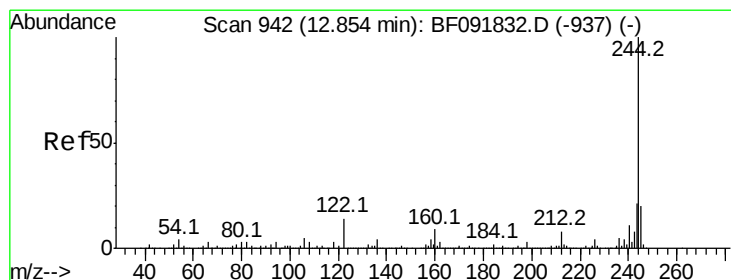
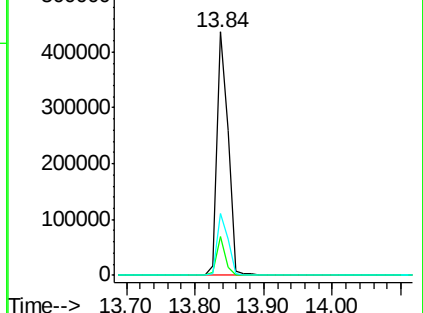
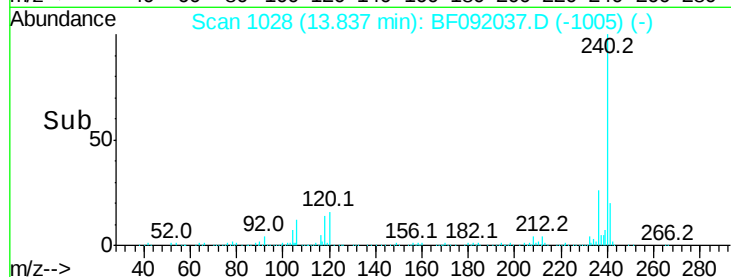
236 25.6 20.9 31.3



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: 79.32 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

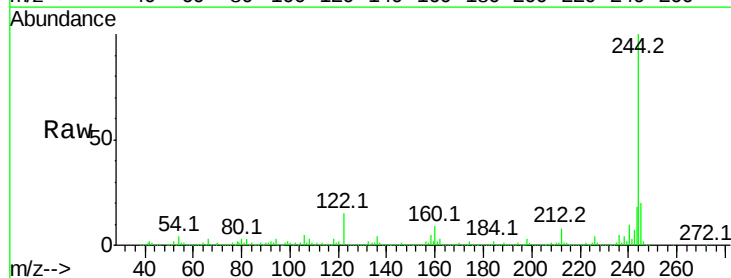
Tgt Ion:244 Resp: 1649003

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

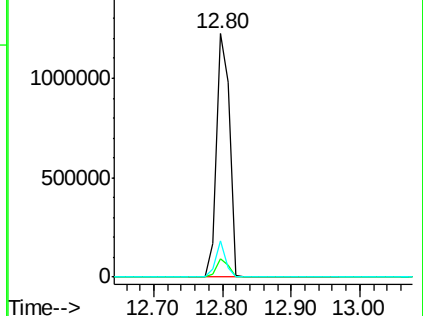
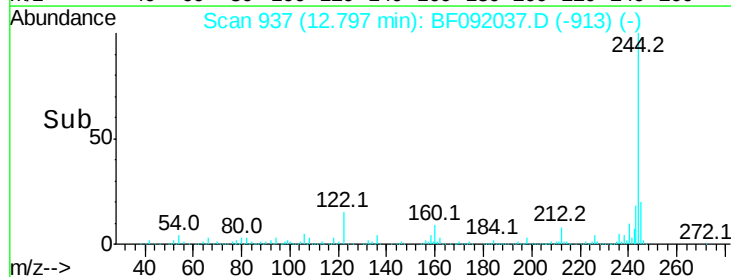
122 14.8 11.4 17.2

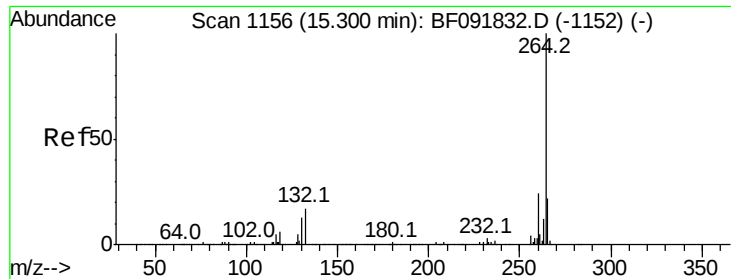


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

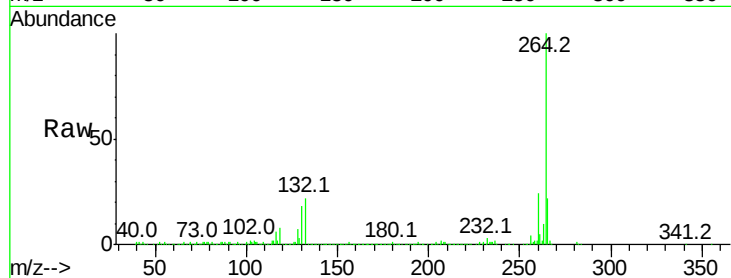




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 15.22 min Scan# 1149  
 Delta R.T. -0.03 min  
 Lab File: BF092037.D  
 Acq: 29 Dec 2016 21:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-10

Tot Ion: 264 Resp: 357331  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.2 28.8  
 265 22.4 17.4 26.0



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

