

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\  
 Data File : BF090397.D  
 Acq On : 5 Oct 2016 23:18  
 Operator : UM/SJ  
 Sample : H5061-19  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SUP-B003-25-30

Quant Time: Oct 06 02:09:45 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 05 14:57:00 2016  
 Response via : Initial Calibration

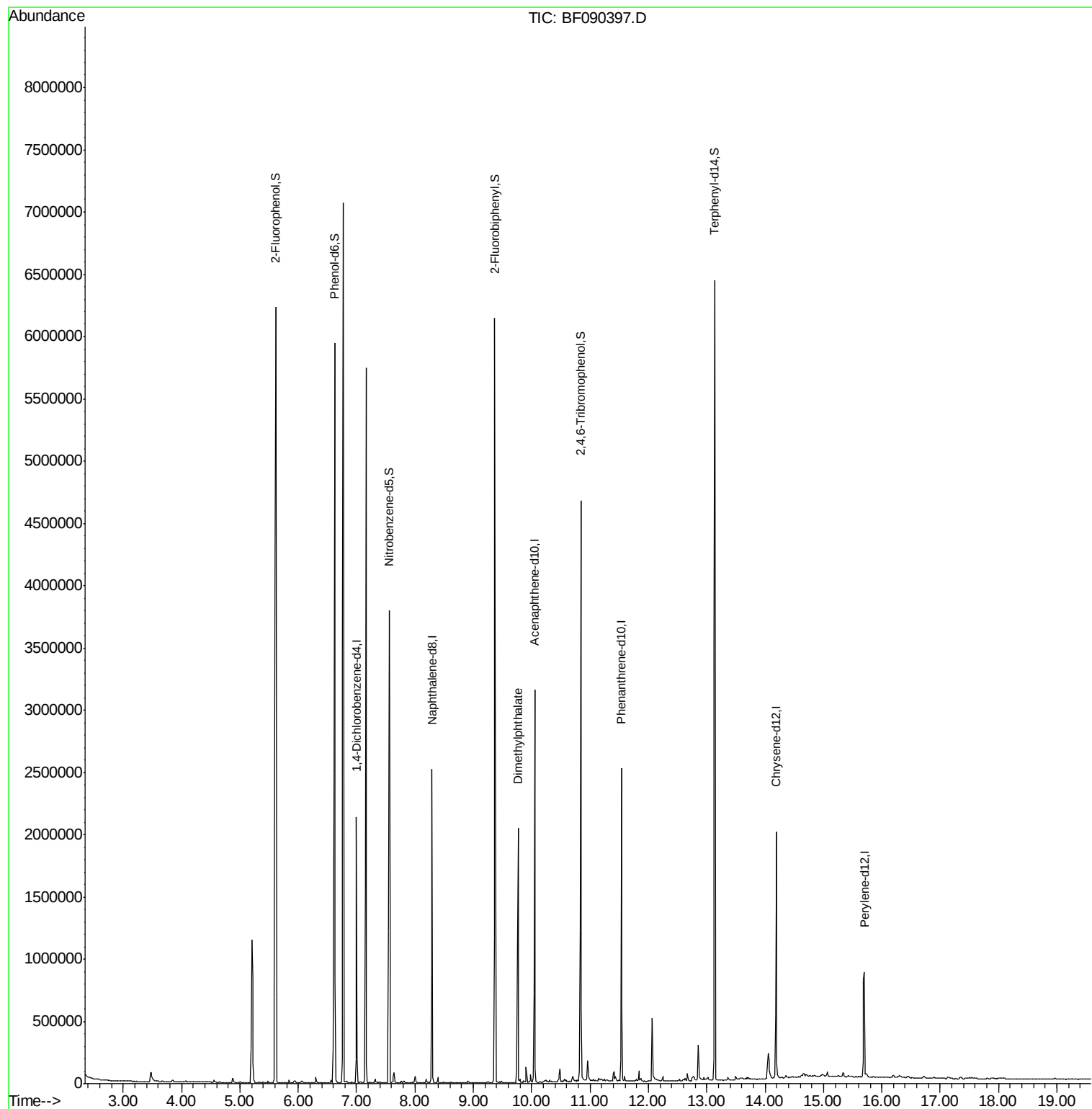
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.00  | 152  | 262186   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.29  | 136  | 1126337  | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.05 | 164  | 567681   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.54 | 188  | 815222   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 14.19 | 240  | 588107   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.70 | 264  | 421943   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.62  | 112  | 2055706  | 117.02 | ng    | 0.01     |
| 7) Phenol-d6                | 6.62  | 99   | 2265371  | 98.46  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.56  | 82   | 1463046  | 63.18  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.84 | 330  | 489523   | 106.05 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.37  | 172  | 2213535  | 64.97  | ng    | -0.01    |
| 78) Terphenyl-d14           | 13.14 | 244  | 2231425  | 85.30  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.77  | 163  | 988064   | 27.18  | ng    | 98       |

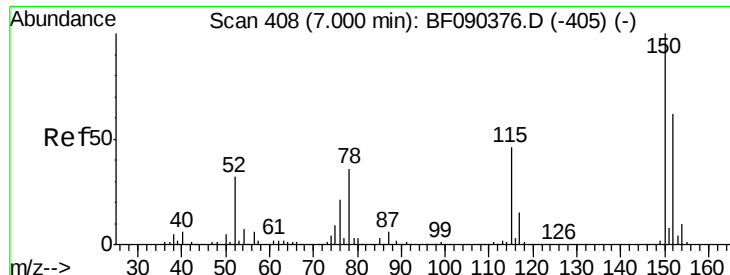
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 05 14:57:00 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090397.D

Acq: 5 Oct 2016 23:18

Instrument :

BNA\_F

ClientSampleId :

SUP-B003-25-30

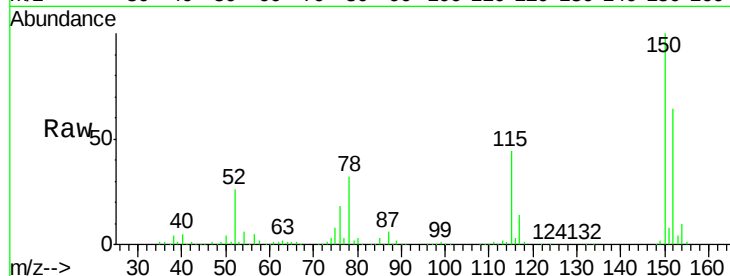
Tot Ion:152 Resp: 262186

Ion Ratio Lower Upper

152 100

150 157.5 124.6 186.8

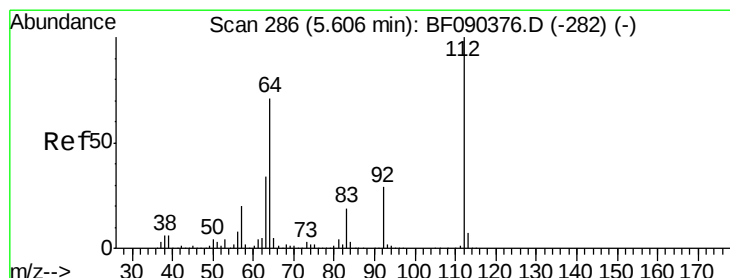
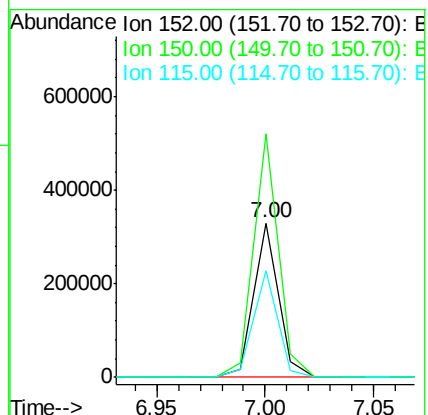
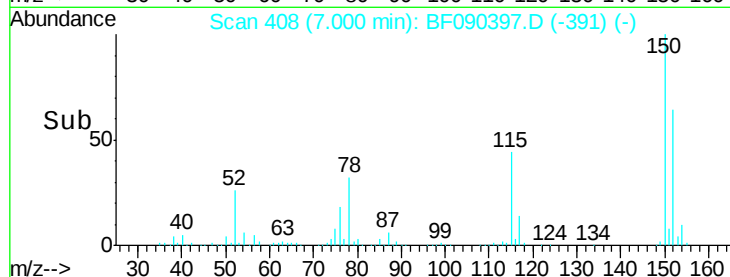
115 68.7 46.2 69.4



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: 117.02 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090397.D

Acq: 5 Oct 2016 23:18

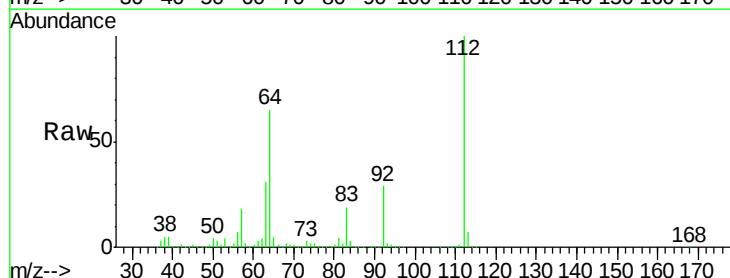
Tgt Ion:112 Resp: 2055706

Ion Ratio Lower Upper

112 100

64 64.6 57.9 86.9

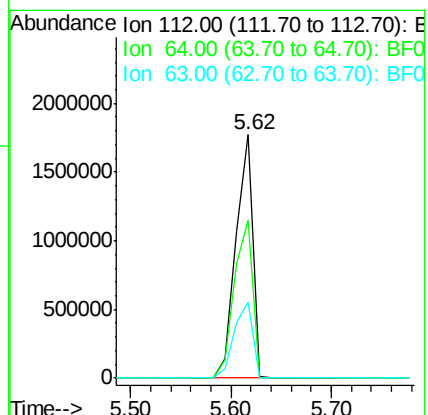
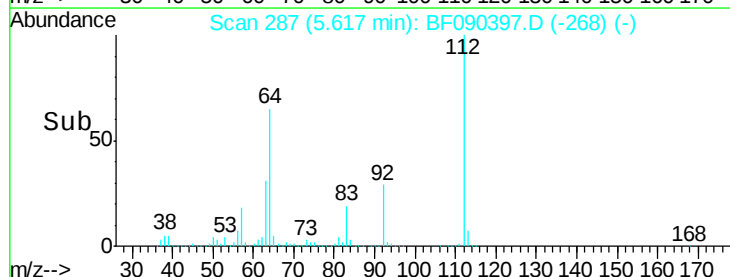
63 31.1 29.6 44.4



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: 98.46 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090397.D

Acq: 5 Oct 2016 23:18

Instrument :

BNA\_F

ClientSampleId :

SUP-B003-25-30

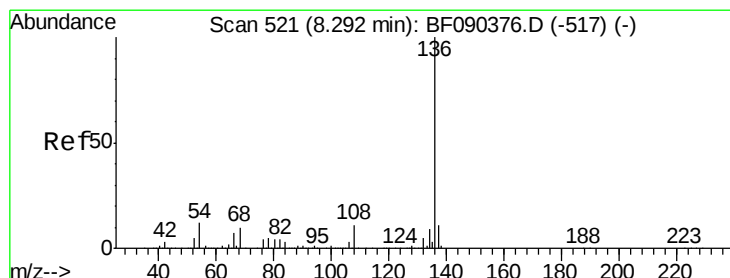
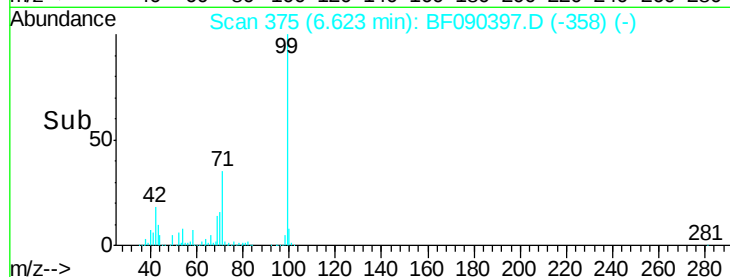
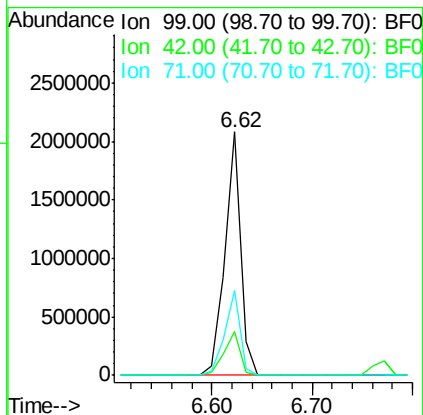
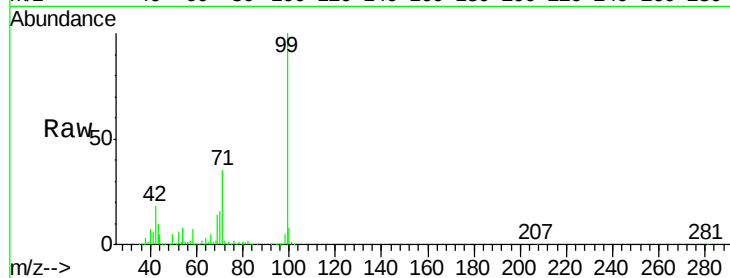
Tot Ion: 99 Resp: 2265371

Ion Ratio Lower Upper

99 100

42 18.2 20.0 30.0#

71 34.8 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090397.D

Acq: 5 Oct 2016 23:18

Tgt Ion: 136 Resp: 1126337

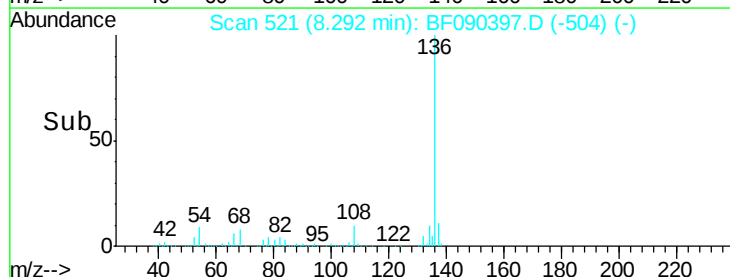
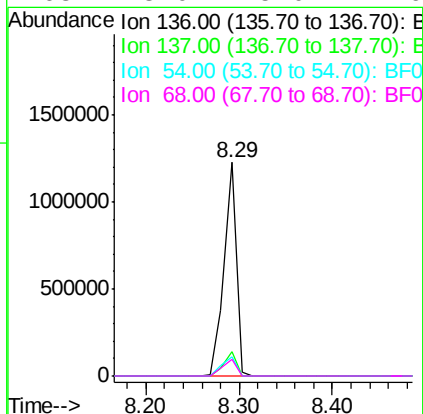
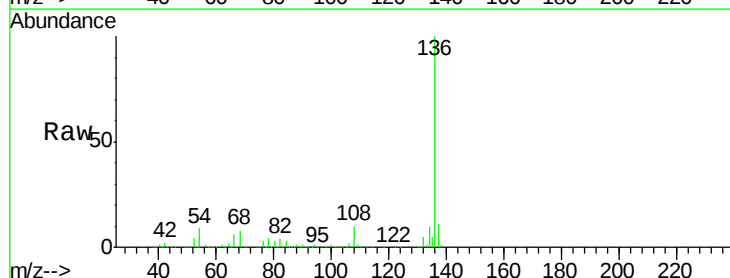
Ion Ratio Lower Upper

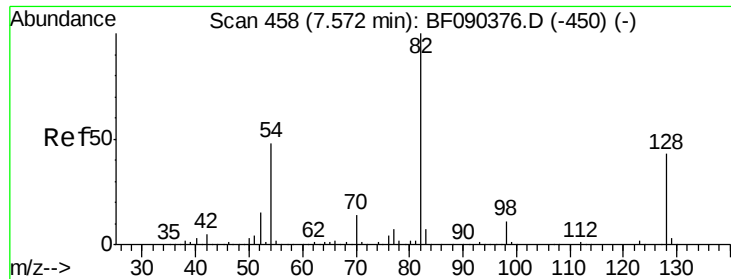
136 100

137 11.3 9.0 13.6

54 9.1 6.6 10.0

68 8.0 5.0 7.6#

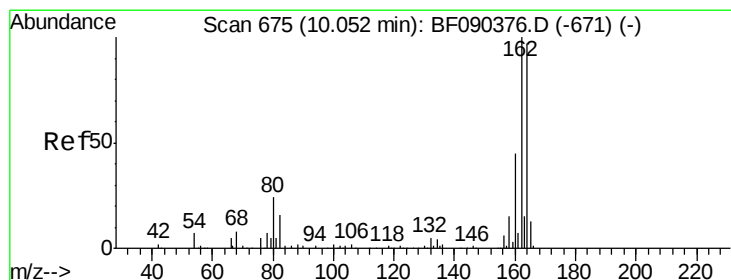
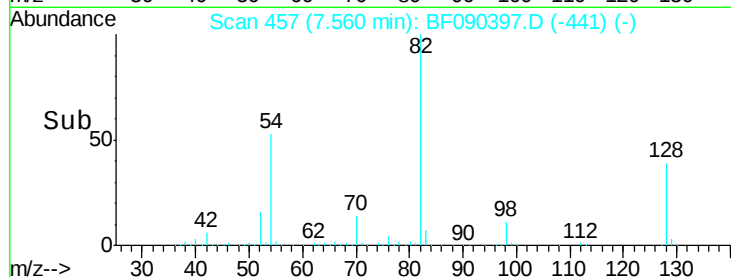
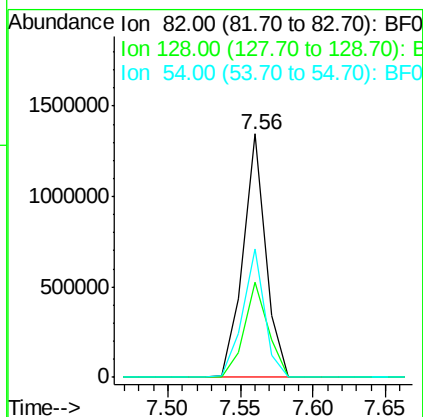
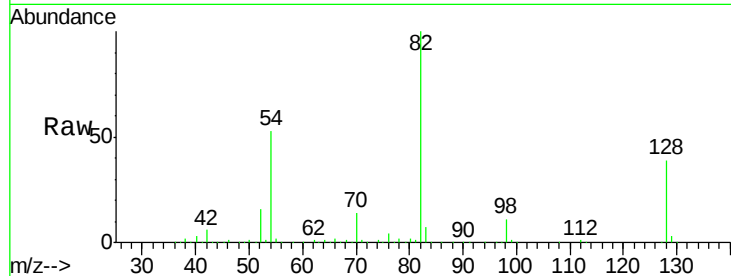




#23  
 Nitrobenzene-d5  
 Concen: 63.18 ng  
 RT: 7.56 min Scan# 457  
 Delta R.T. -0.01 min  
 Lab File: BF090397.D  
 Acq: 5 Oct 2016 23:18

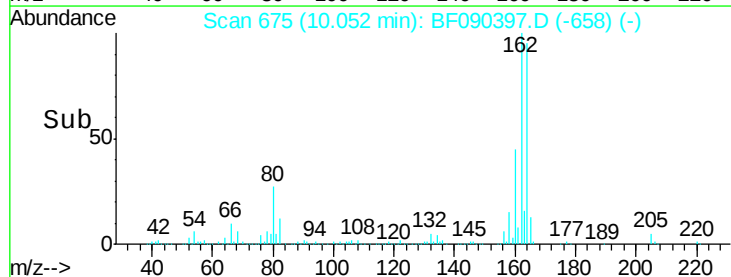
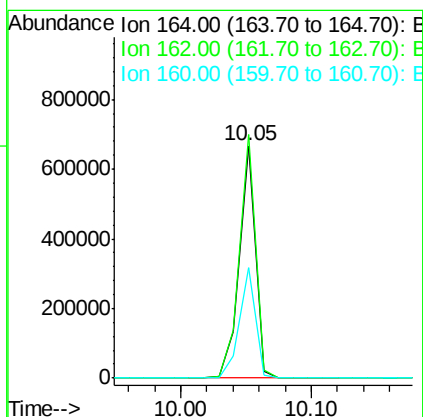
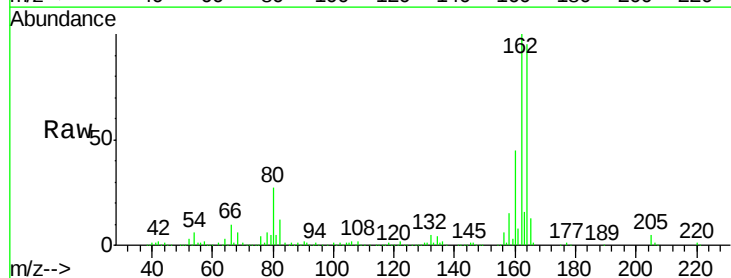
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SUP-B003-25-30

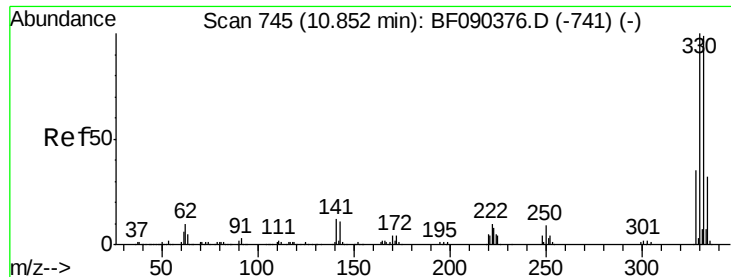
Tot Ion: 82 Resp: 1463046  
 Ion Ratio Lower Upper  
 82 100  
 128 39.1 40.0 60.0#  
 54 52.5 42.6 64.0



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.05 min Scan# 675  
 Delta R.T. -0.00 min  
 Lab File: BF090397.D  
 Acq: 5 Oct 2016 23:18

Tgt Ion:164 Resp: 567681  
 Ion Ratio Lower Upper  
 164 100  
 162 104.9 80.1 120.1  
 160 47.5 36.3 54.5

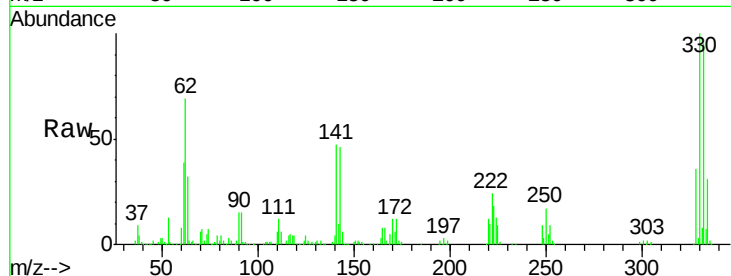




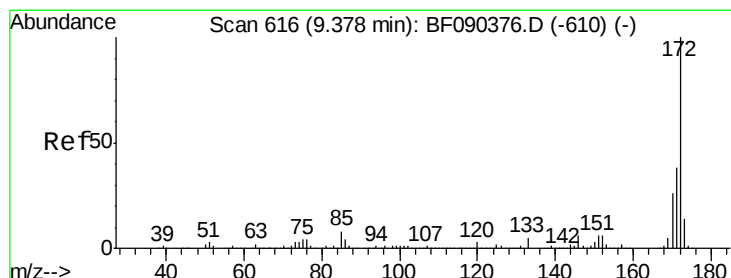
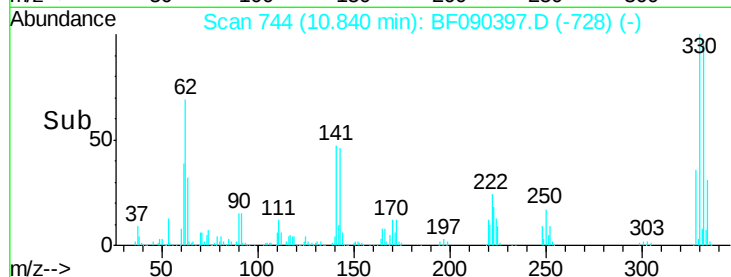
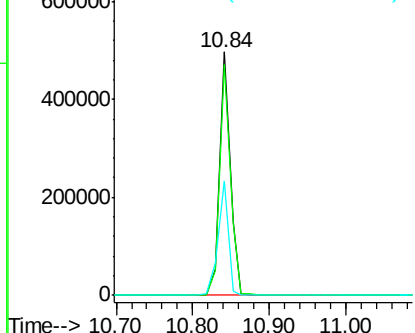
#41  
 2,4,6-Tribromophenol  
 Concen: 106.05 ng  
 RT: 10.84 min Scan# 744  
 Delta R.T. -0.01 min  
 Lab File: BF090397.D  
 Acq: 5 Oct 2016 23:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SUP-B003-25-30

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.6  | 75.4  | 113.0 |
| 141     | 44.5  | 26.9  | 40.3# |

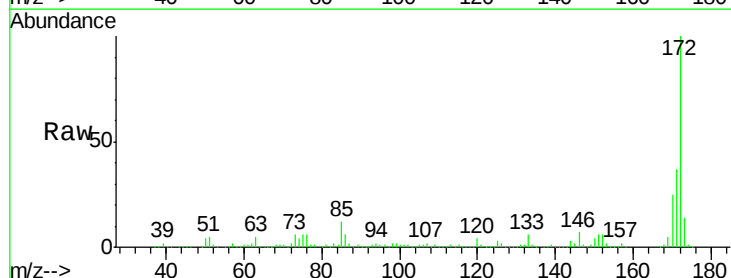


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

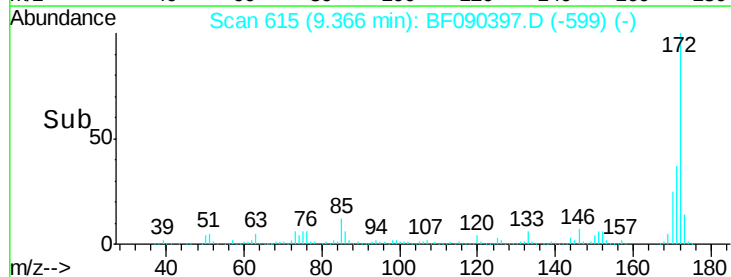
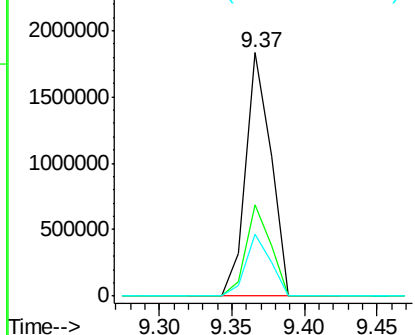


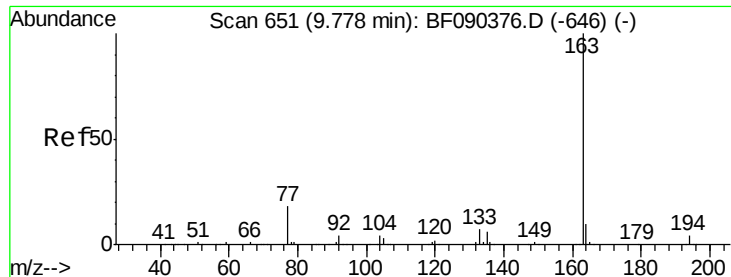
#44  
 2-Fluorobiphenyl  
 Concen: 64.97 ng  
 RT: 9.37 min Scan# 615  
 Delta R.T. -0.01 min  
 Lab File: BF090397.D  
 Acq: 5 Oct 2016 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.4  | 31.8  | 47.8  |
| 170     | 25.2  | 21.7  | 32.5  |



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

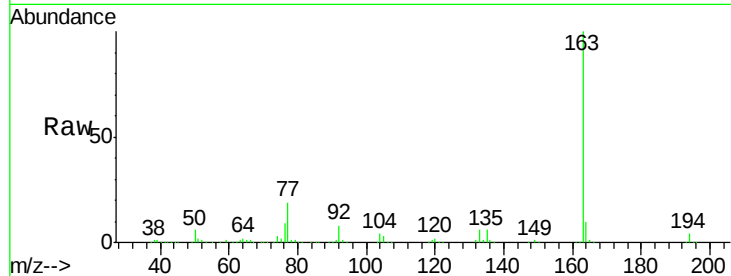




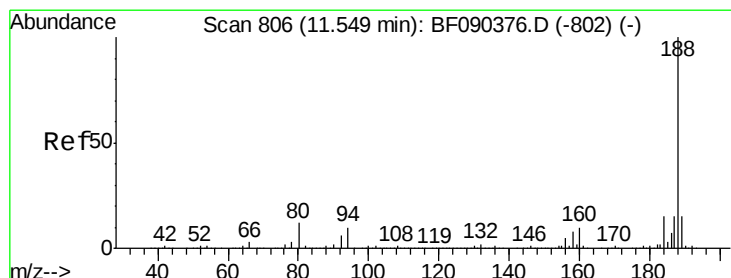
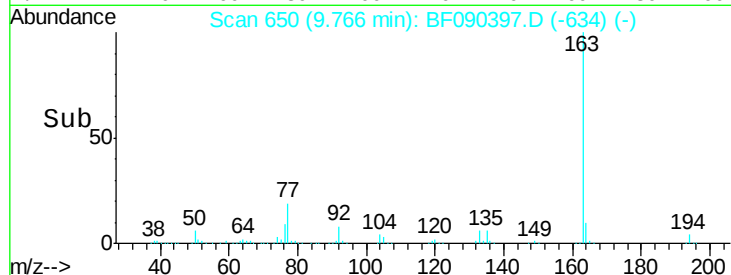
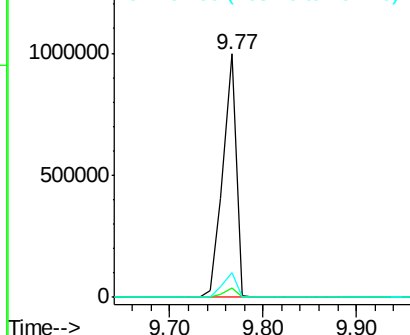
#49  
Dimethylphthalate  
Concen: 27.18 ng  
RT: 9.77 min Scan# 650  
Delta R.T. -0.01 min  
Lab File: BF090397.D  
Acq: 5 Oct 2016 23:18

Instrument :  
BNA\_F  
ClientSampleId :  
SUP-B003-25-30

Tot Ion:163 Resp: 988064  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.8 4.2  
164 10.0 9.0 13.4

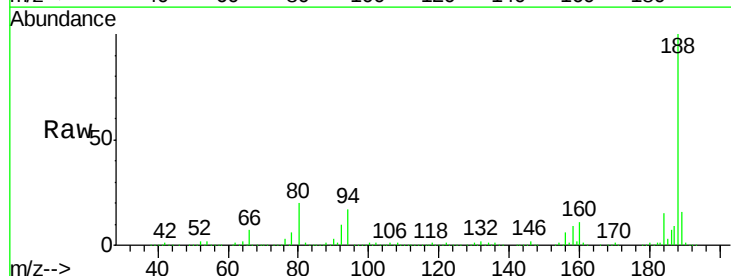


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

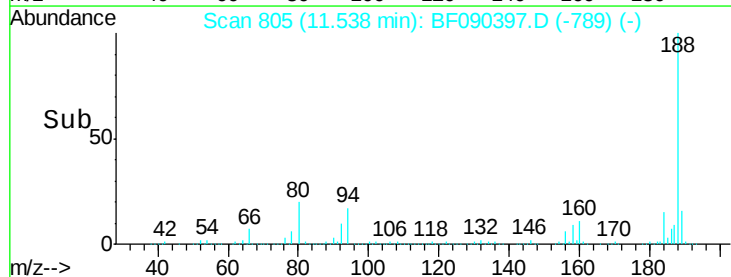
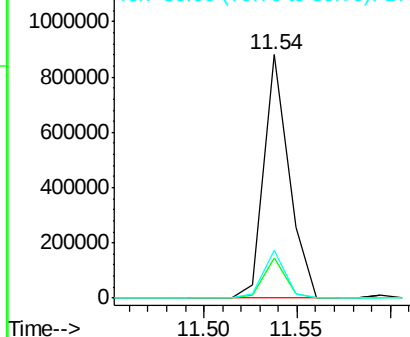


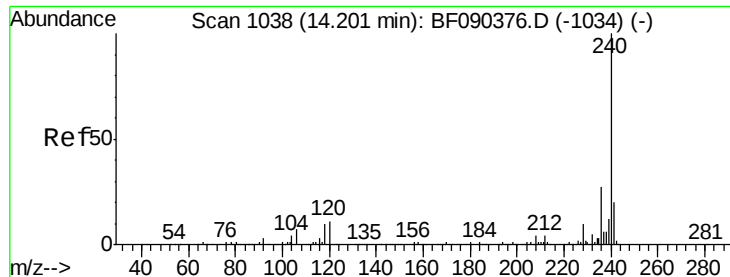
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.54 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: BF090397.D  
Acq: 5 Oct 2016 23:18

Tgt Ion:188 Resp: 815222  
Ion Ratio Lower Upper  
188 100  
94 16.7 8.2 12.2#  
80 19.7 8.8 13.2#



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: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090397.D

Acq: 5 Oct 2016 23:18

Instrument :

BNA\_F

ClientSampleId :

SUP-B003-25-30

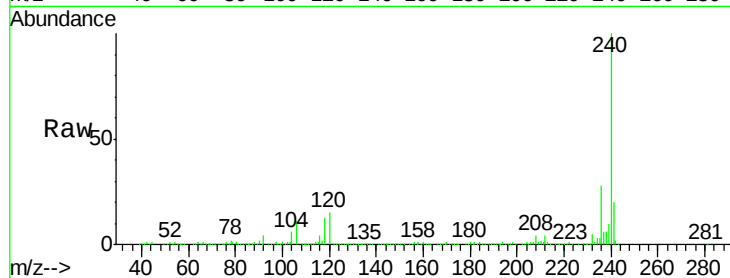
Tot Ion:240 Resp: 588107

Ion Ratio Lower Upper

240 100

120 15.0 8.6 13.0#

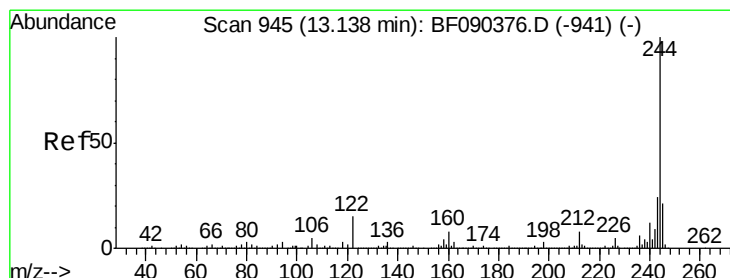
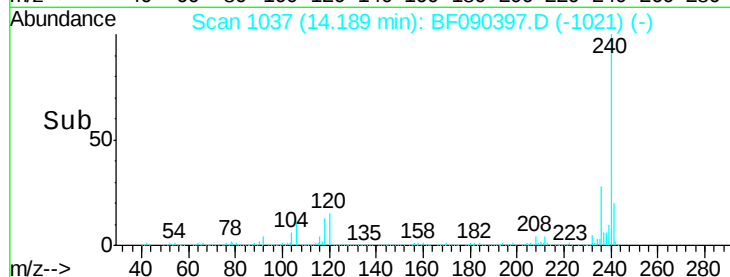
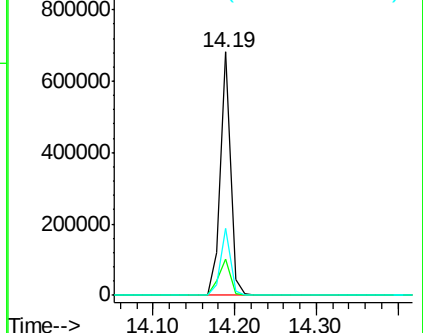
236 27.5 21.6 32.4



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: 85.30 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090397.D

Acq: 5 Oct 2016 23:18

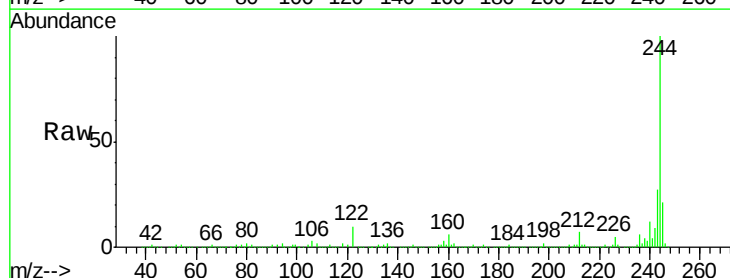
Tgt Ion:244 Resp: 2231425

Ion Ratio Lower Upper

244 100

212 7.2 6.8 10.2

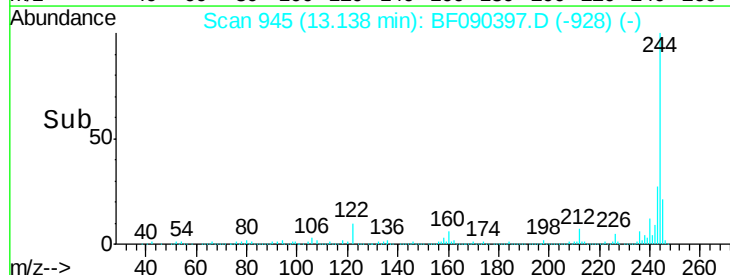
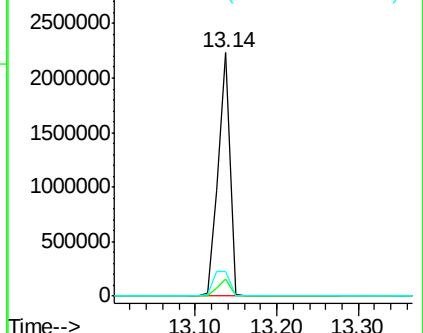
122 10.0 13.3 19.9#

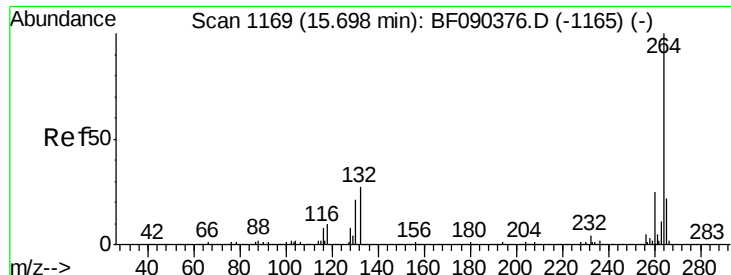


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

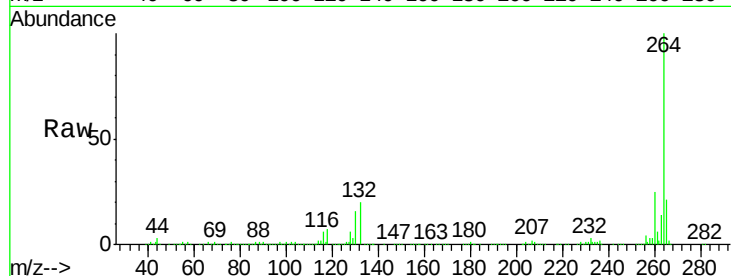




#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 15.70 min Scan# 1169  
Delta R.T. -0.00 min  
Lab File: BF090397.D  
Acq: 5 Oct 2016 23:18

Instrument :  
BNA\_F  
ClientSampleId :  
SUP-B003-25-30

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.5  | 19.3  | 28.9  |
| 265     | 21.4  | 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

