

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\  
 Data File : BF096301.D  
 Acq On : 29 Jun 2017 19:40  
 Operator : SJ/MA  
 Sample : I3926-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-A-COMP

Quant Time: Jun 30 02:44:18 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 28 15:41:49 2017  
 Response via : Initial Calibration

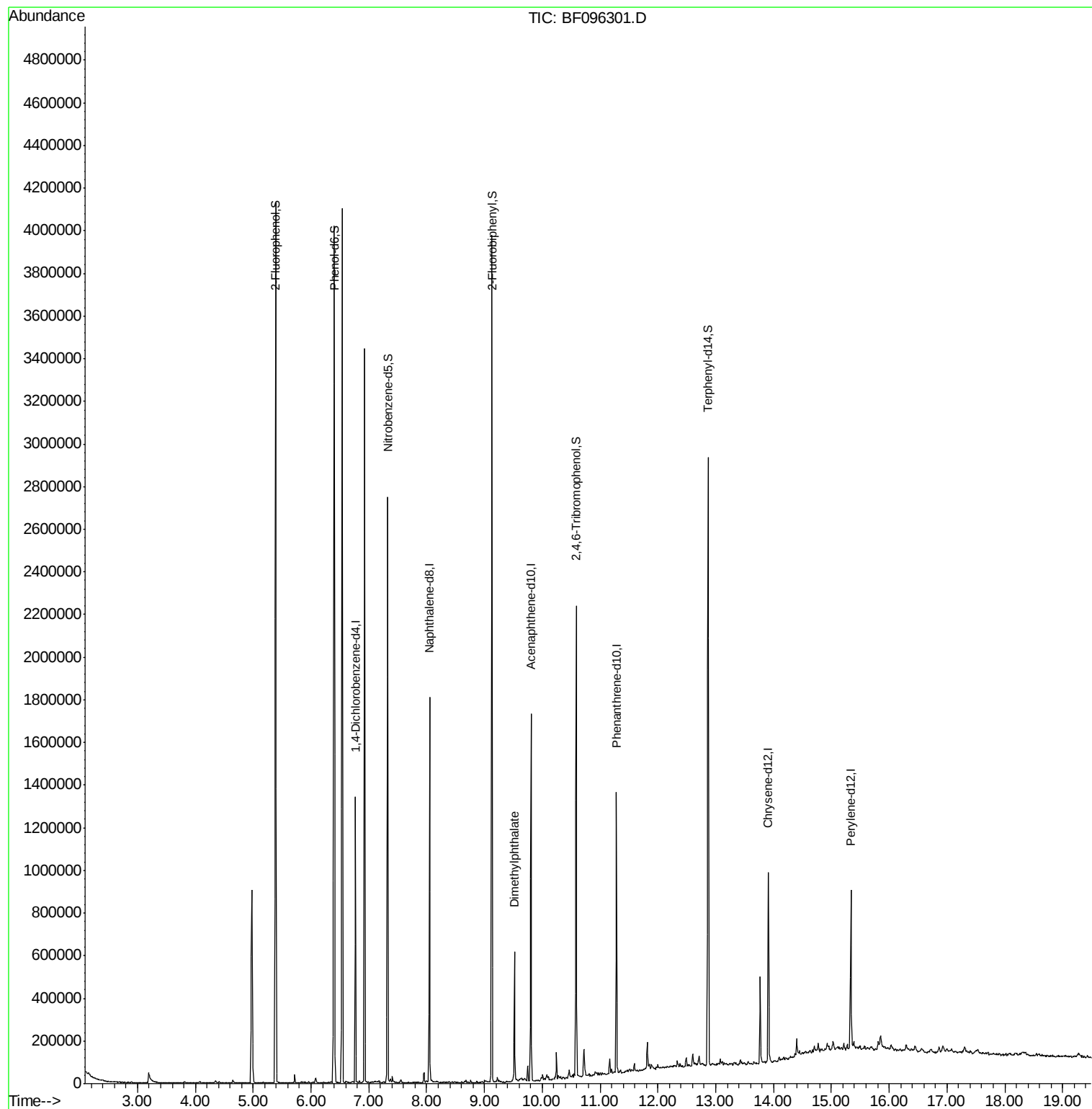
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.77  | 152  | 177389   | 20.00  | ng    | -0.01         |
| 21) Naphthalene-d8          | 8.05  | 136  | 743964   | 20.00  | ng    | 0.00          |
| 38) Acenaphthene-d10        | 9.80  | 164  | 309843   | 20.00  | ng    | 0.00          |
| 63) Phenanthrene-d10        | 11.28 | 188  | 487533   | 20.00  | ng    | 0.00          |
| 75) Chrysene-d12            | 13.92 | 240  | 302865   | 20.00  | ng    | 0.00          |
| 86) Perylene-d12            | 15.34 | 264  | 312277   | 20.00  | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.39  | 112  | 1211861  | 98.42  | ng    | 0.01          |
| 7) Phenol-d6                | 6.40  | 99   | 1499876  | 100.60 | ng    | 0.01          |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 891158   | 82.92  | ng    | -0.03         |
| 41) 2,4,6-Tribromophenol    | 10.59 | 330  | 290005   | 118.93 | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 9.13  | 172  | 1387478  | 82.01  | ng    | -0.02         |
| 78) Terphenyl-d14           | 12.87 | 244  | 885452   | 72.95  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 9.52  | 163  | 251139   | 11.33  | ng    | Qvalue<br>100 |

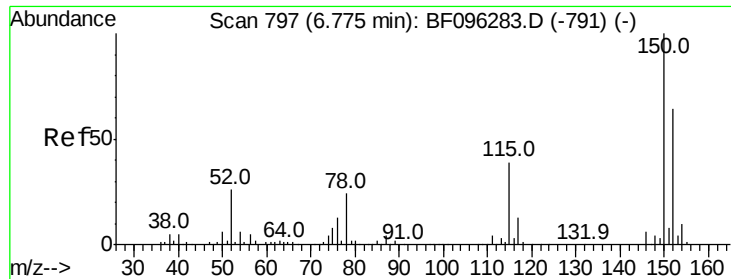
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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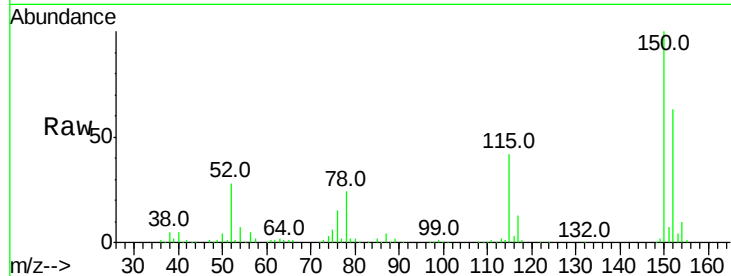


#1

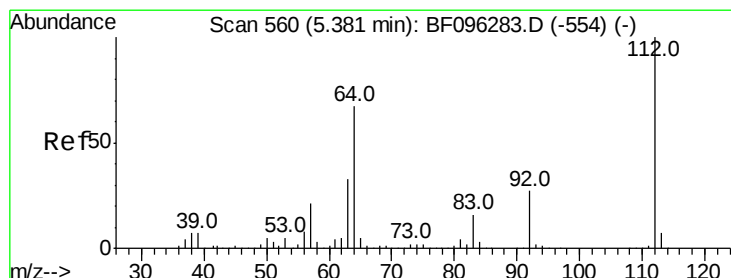
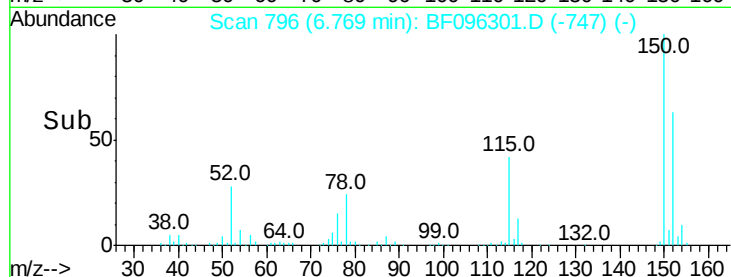
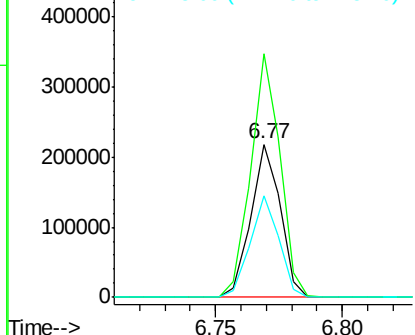
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.77 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BF096301.D  
Acq: 29 Jun 2017 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-A-COMP

Tot Ion:152 Resp: 177389  
Ion Ratio Lower Upper  
152 100  
150 159.4 126.2 189.2  
115 66.3 52.2 78.2



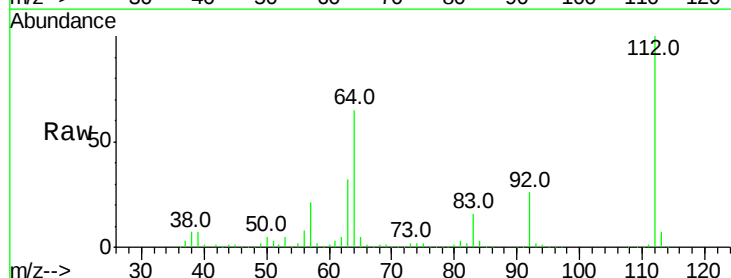
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



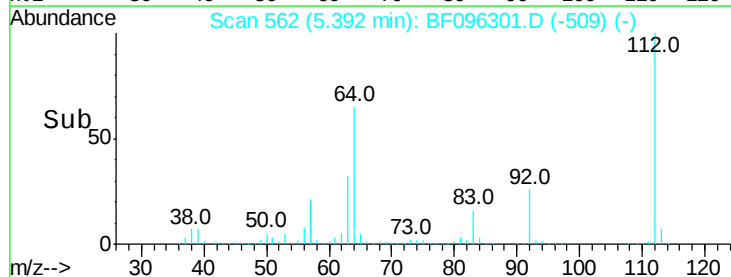
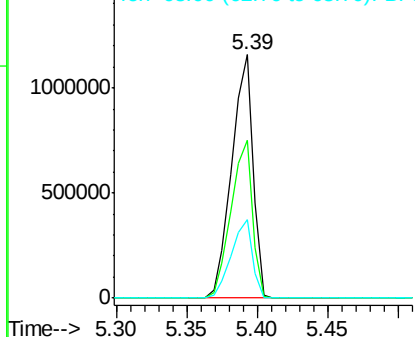
#5

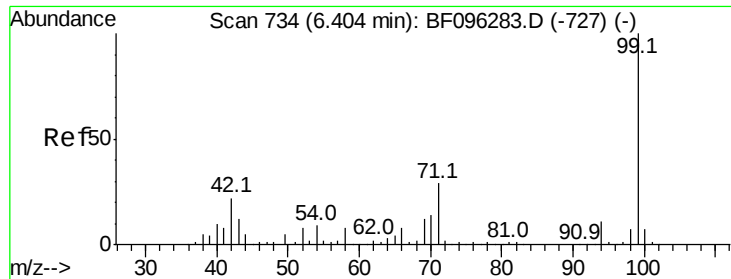
2-Fluorophenol  
Concen: 98.42 ng  
RT: 5.39 min Scan# 562  
Delta R.T. 0.01 min  
Lab File: BF096301.D  
Acq: 29 Jun 2017 19:40

Tgt Ion:112 Resp: 1211861  
Ion Ratio Lower Upper  
112 100  
64 65.1 46.0 69.0  
63 32.3 23.4 35.0



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: 100.60 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096301.D

Acq: 29 Jun 2017 19:40

Instrument :

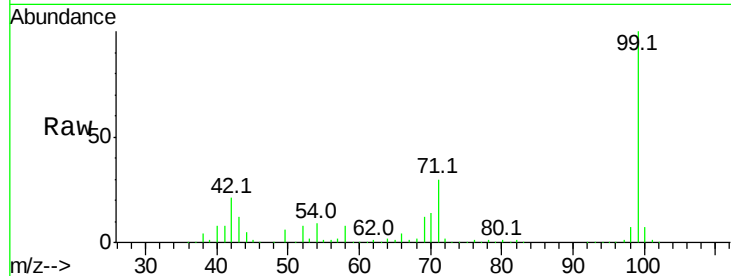
BNA\_F

ClientSampleId :

SP1-A-COMP

Tot Ion: 99 Resp: 1499876

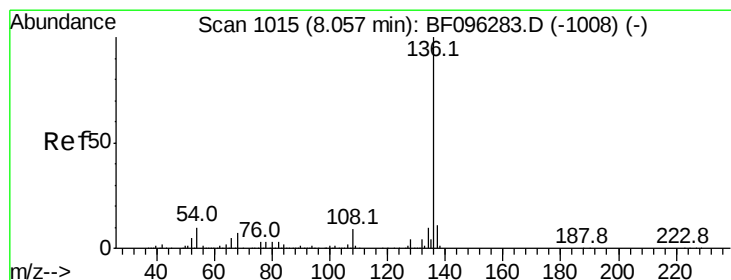
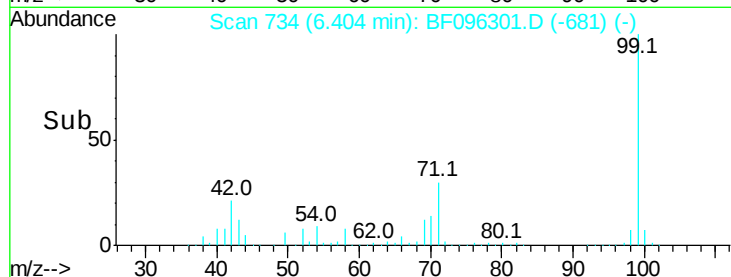
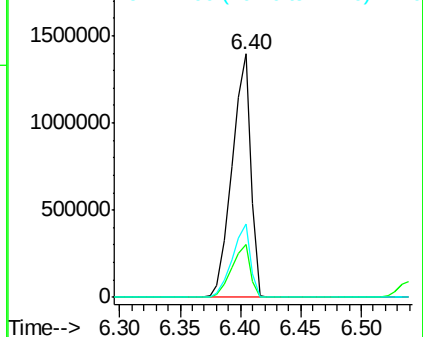
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.5  | 13.5  | 20.3# |
| 71  | 30.0  | 24.5  | 36.7  |



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: 8.05 min Scan# 1014

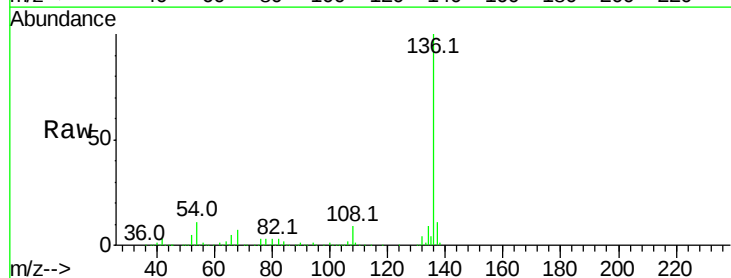
Delta R.T. -0.01 min

Lab File: BF096301.D

Acq: 29 Jun 2017 19:40

Tgt Ion: 136 Resp: 743964

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.5   | 12.7  |
| 54  | 10.8  | 4.9   | 7.3#  |
| 68  | 6.6   | 4.1   | 6.1#  |

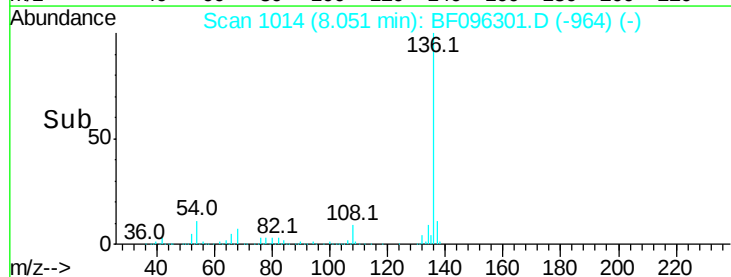
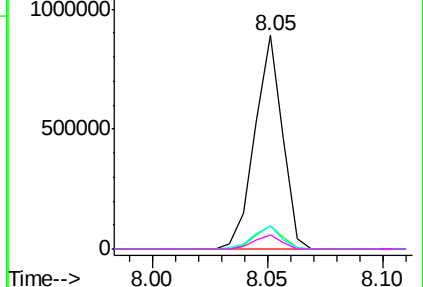


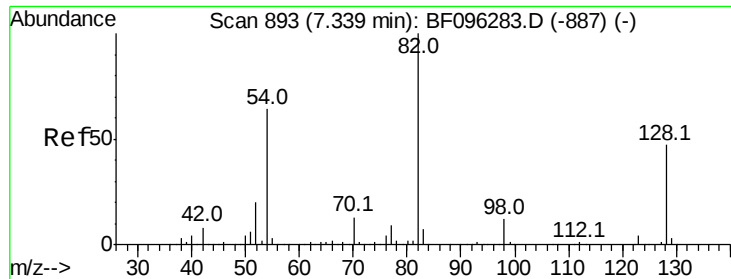
Abundance Ion 136.00 (135.70 to 136.70): E

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

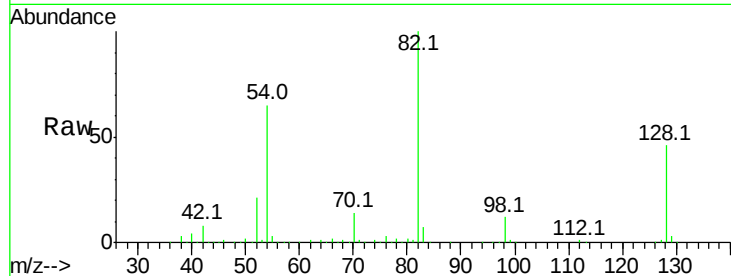




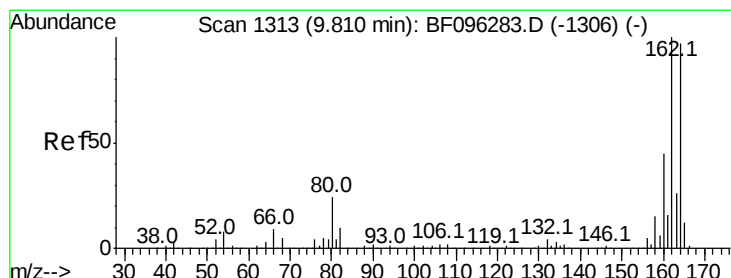
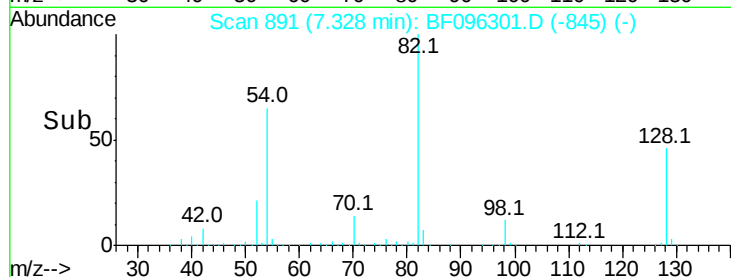
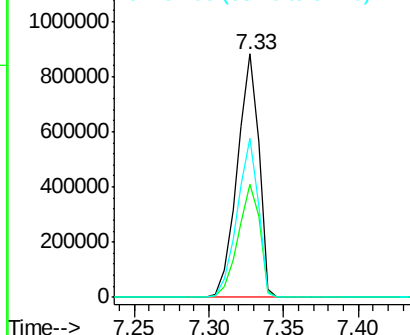
#23  
 Nitrobenzene-d5  
 Concen: 82.92 ng  
 RT: 7.33 min Scan# 891  
 Delta R.T. -0.03 min  
 Lab File: BF096301.D  
 Acq: 29 Jun 2017 19:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-A-COMP

Tot Ion: 82 Resp: 891158  
 Ion Ratio Lower Upper  
 82 100  
 128 46.4 34.0 51.0  
 54 65.2 42.2 63.2#

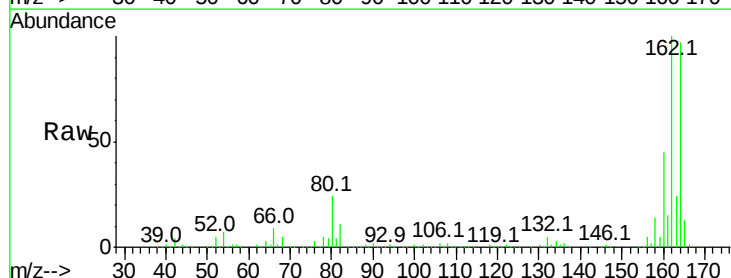


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

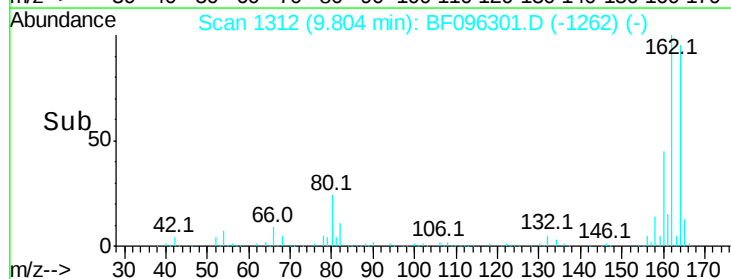
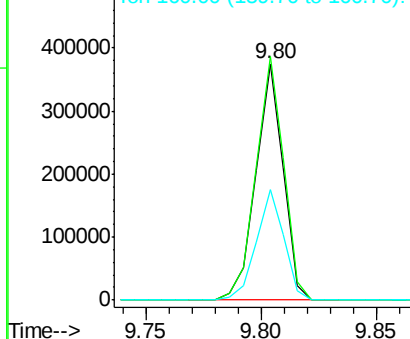


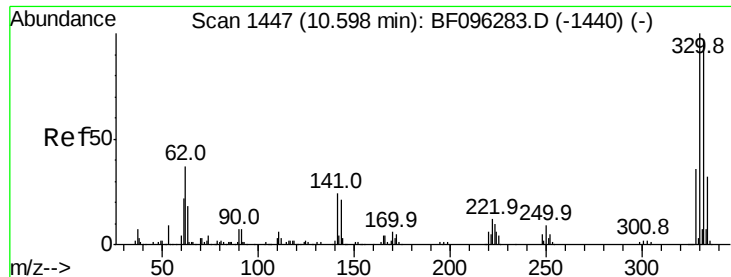
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.80 min Scan# 1312  
 Delta R.T. -0.01 min  
 Lab File: BF096301.D  
 Acq: 29 Jun 2017 19:40

Tgt Ion:164 Resp: 309843  
 Ion Ratio Lower Upper  
 164 100  
 162 103.0 82.6 123.8  
 160 46.6 36.2 54.2



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: 118.93 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096301.D

Acq: 29 Jun 2017 19:40

Instrument :

BNA\_F

ClientSampleId :

SP1-A-COMP

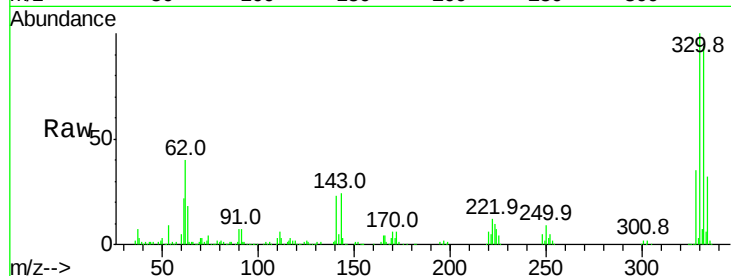
Tot Ion:330 Resp: 290005

Ion Ratio Lower Upper

330 100

332 94.9 76.6 115.0

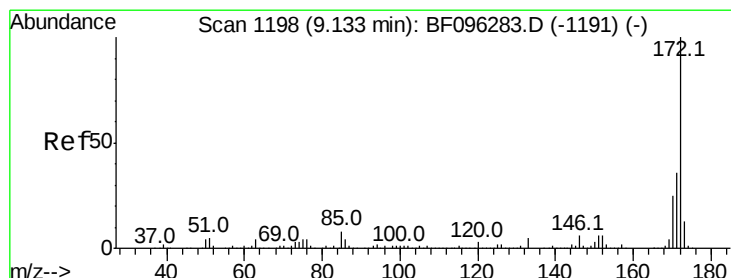
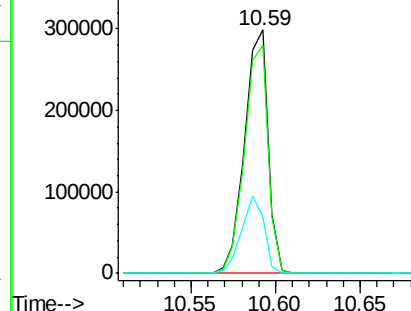
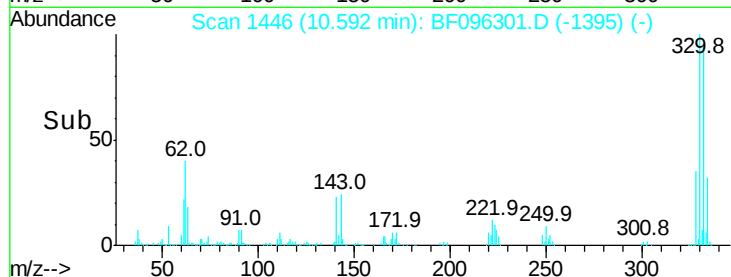
141 30.6 31.4 47.2#



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: 82.01 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF096301.D

Acq: 29 Jun 2017 19:40

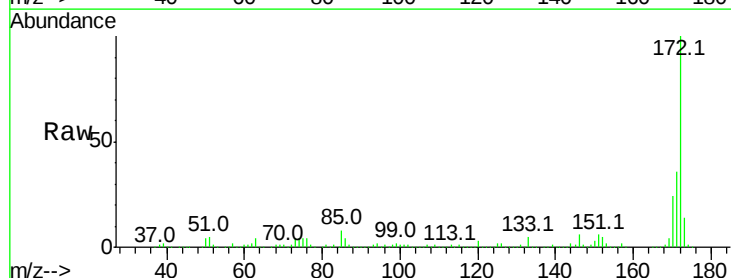
Tgt Ion:172 Resp: 1387478

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

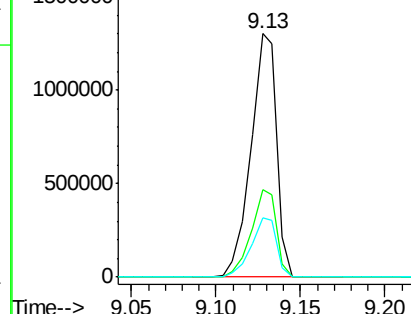
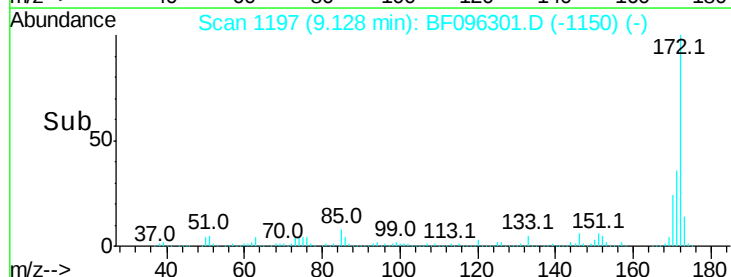
170 24.3 19.8 29.8

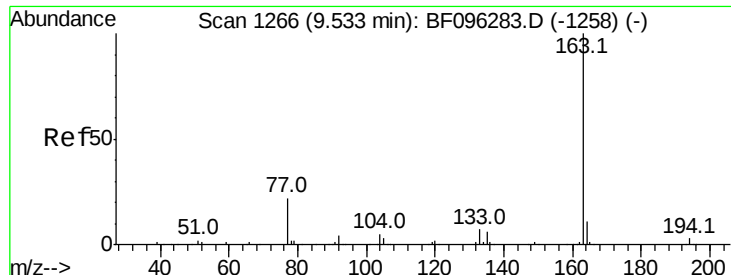


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

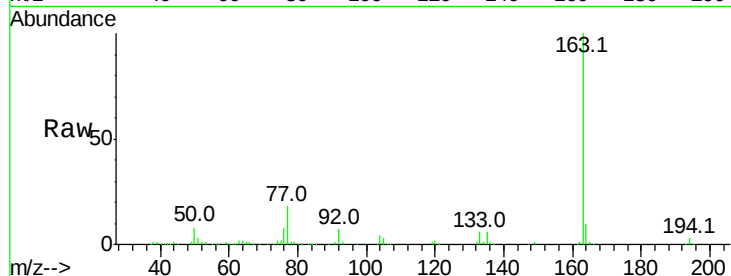




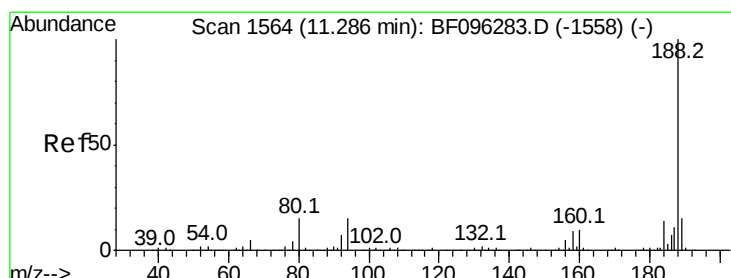
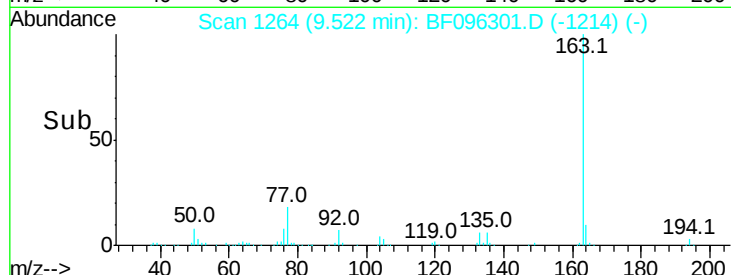
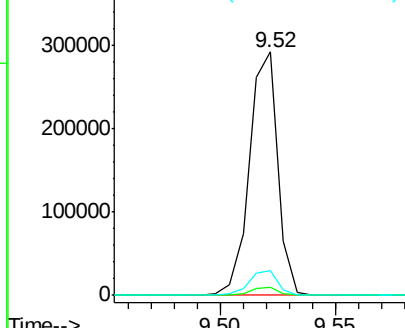
#49  
Dimethylphthalate  
Concen: 11.33 ng  
RT: 9.52 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: BF096301.D  
Acq: 29 Jun 2017 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-A-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.3   | 2.6   | 4.0   |
| 164     | 10.3  | 8.4   | 12.6  |

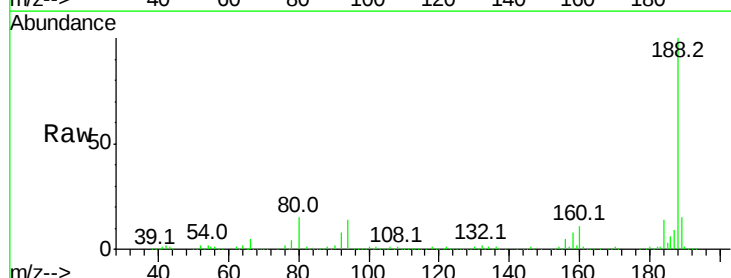


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

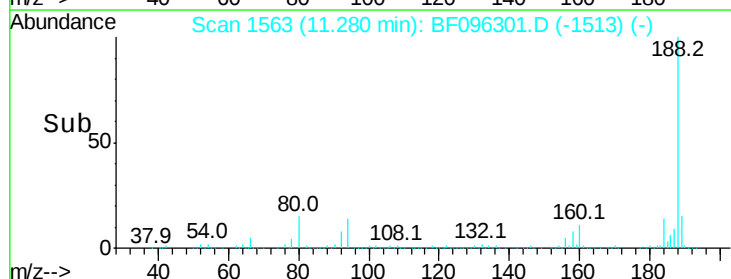
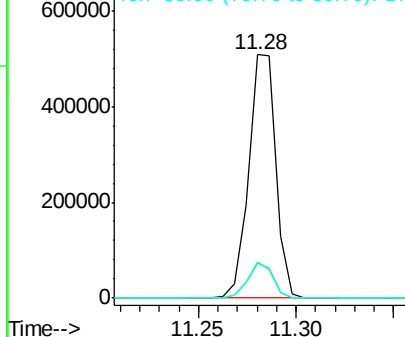


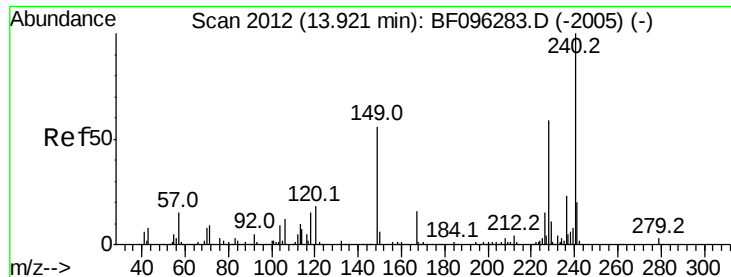
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.28 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: BF096301.D  
Acq: 29 Jun 2017 19:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 14.4  | 9.4   | 14.2# |
| 80      | 14.9  | 10.2  | 15.2  |



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: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096301.D

Acq: 29 Jun 2017 19:40

Instrument :

BNA\_F

ClientSampleId :

SP1-A-COMP

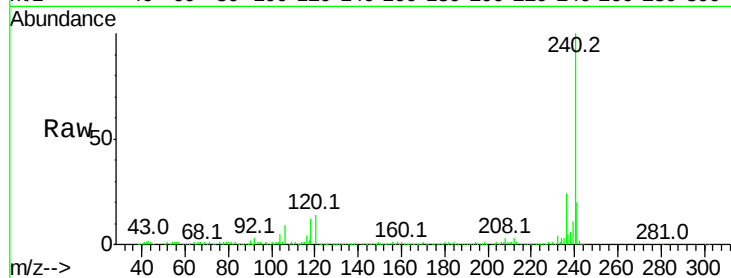
Tot Ion:240 Resp: 302865

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

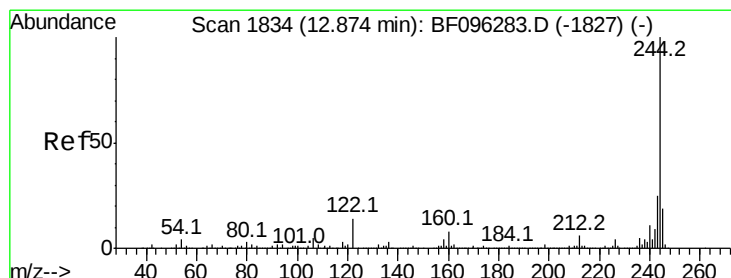
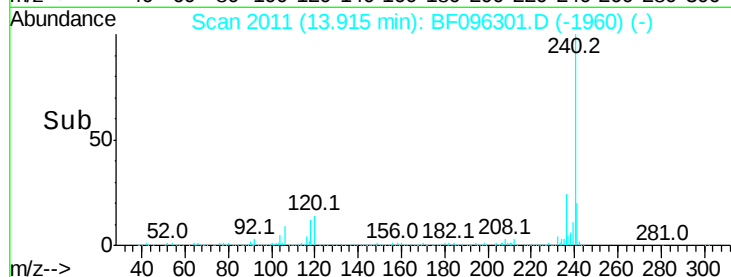
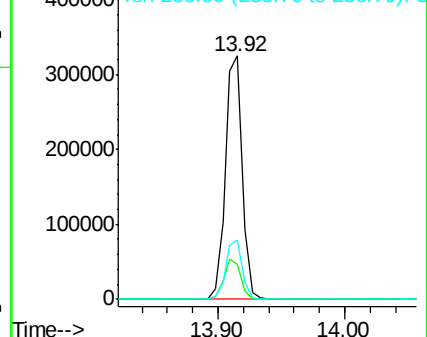
236 24.4 20.5 30.7



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: 72.95 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096301.D

Acq: 29 Jun 2017 19:40

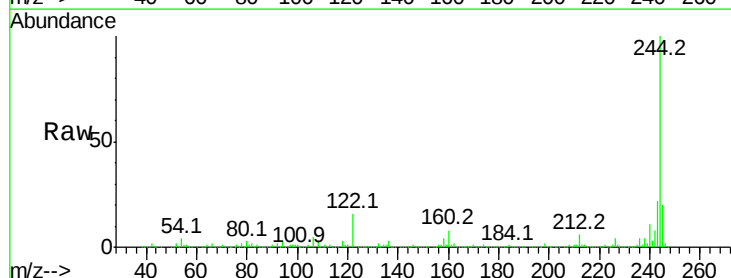
Tgt Ion:244 Resp: 885452

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

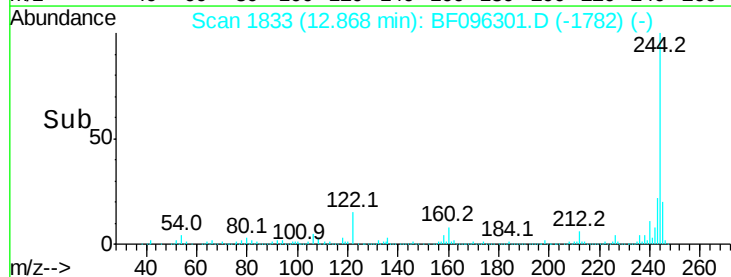
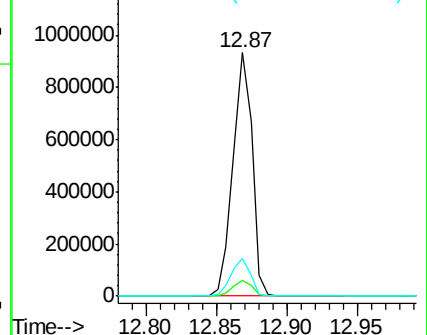
122 15.5 10.3 15.5#

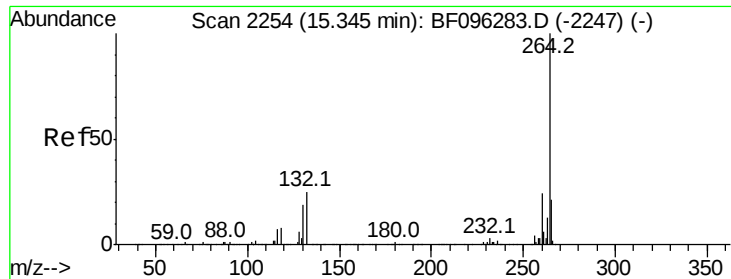


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.34 min Scan# 2253  
Delta R.T. -0.00 min  
Lab File: BF096301.D  
Acq: 29 Jun 2017 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-A-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 19.5  | 29.3  |
| 265     | 22.6  | 17.2  | 25.8  |

