

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\  
 Data File : BF094207.D  
 Acq On : 5 Apr 2017 23:29  
 Operator : SJ/MA  
 Sample : I2522-05  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BASING-3(0-2)

Quant Time: Apr 06 02:29:06 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 14:38:29 2017  
 Response via : Initial Calibration

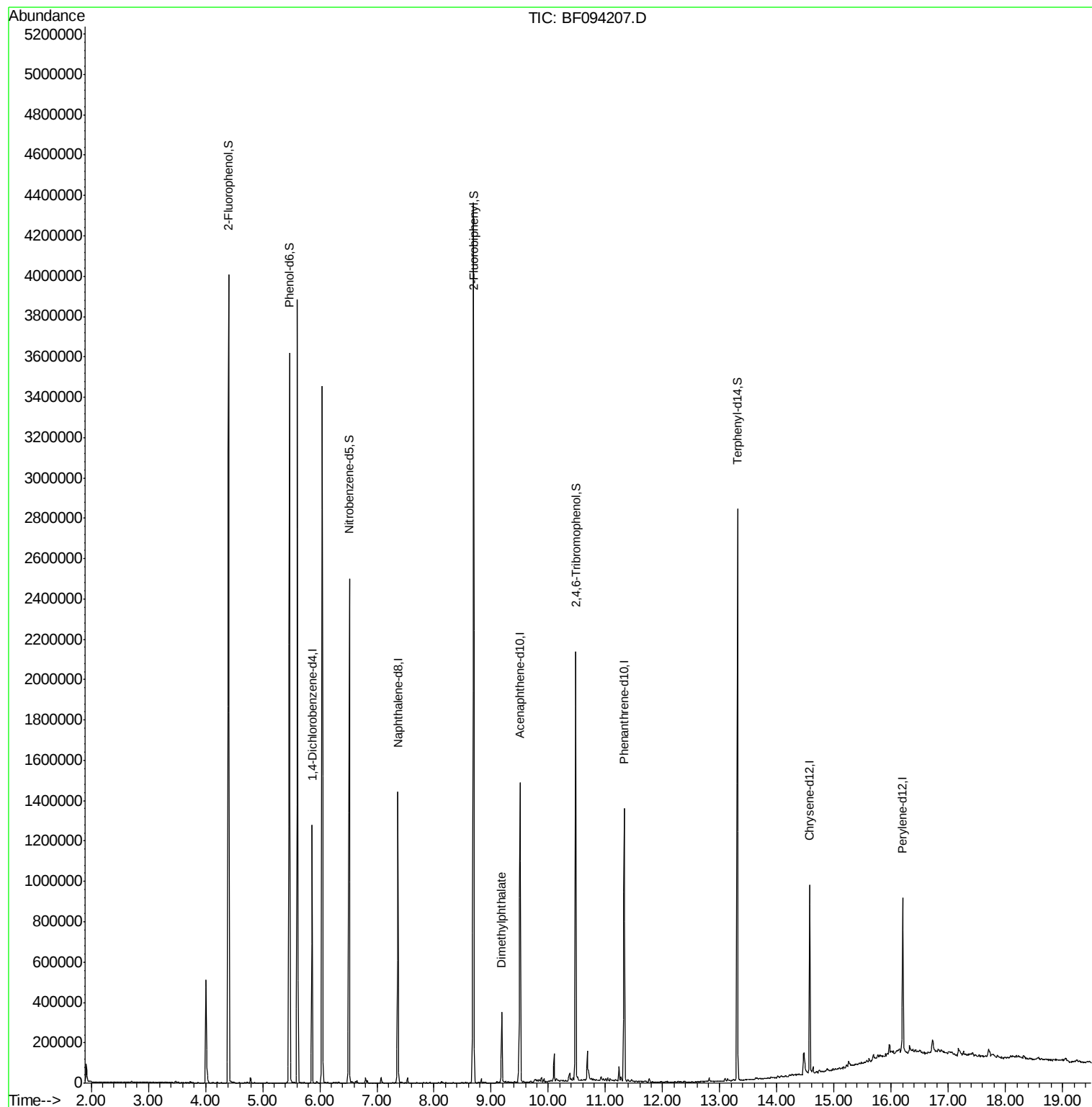
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 5.86  | 152  | 191118   | 20.00  | ng    | -0.04        |
| 21) Naphthalene-d8          | 7.37  | 136  | 753360   | 20.00  | ng    | -0.04        |
| 38) Acenaphthene-d10        | 9.50  | 164  | 318054   | 20.00  | ng    | -0.05        |
| 63) Phenanthrene-d10        | 11.33 | 188  | 502497   | 20.00  | ng    | -0.05        |
| 75) Chrysene-d12            | 14.57 | 240  | 356182   | 20.00  | ng    | -0.05        |
| 86) Perylene-d12            | 16.20 | 264  | 300234   | 20.00  | ng    | -0.05        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 4.40  | 112  | 1244760  | 110.01 | ng    | -0.03        |
| 7) Phenol-d6                | 5.47  | 99   | 1581190  | 112.96 | ng    | -0.04        |
| 23) Nitrobenzene-d5         | 6.52  | 82   | 978389   | 74.12  | ng    | -0.04        |
| 41) 2,4,6-Tribromophenol    | 10.48 | 330  | 275754   | 109.72 | ng    | -0.04        |
| 44) 2-Fluorobiphenyl        | 8.69  | 172  | 1621178  | 77.75  | ng    | -0.04        |
| 78) Terphenyl-d14           | 13.31 | 244  | 1001298  | 63.01  | ng    | -0.04        |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.19  | 163  | 156855   | 6.94   | ng    | Qvalue<br>99 |

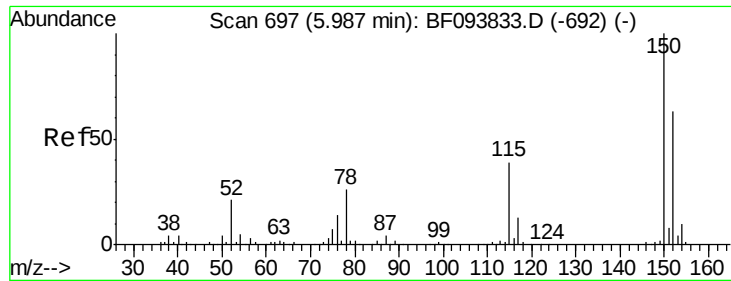
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF094207.D

Acq: 5 Apr 2017 23:29

Instrument :

BNA\_F

ClientSampleId :

BASING-3(0-2)

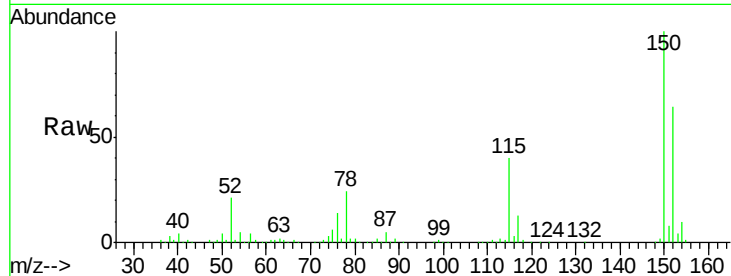
Tot Ion:152 Resp: 191118

Ion Ratio Lower Upper

152 100

150 157.2 126.2 189.2

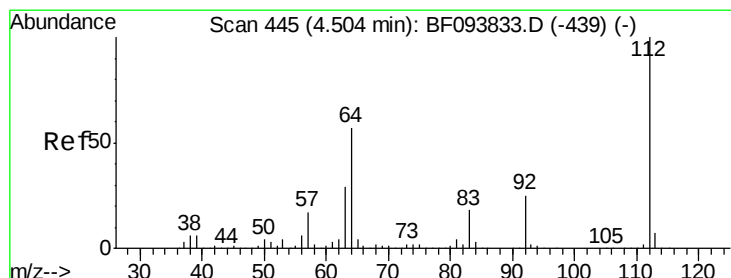
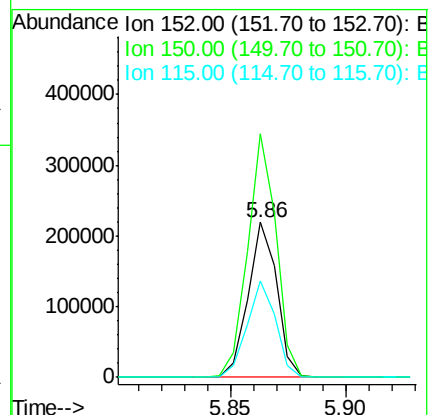
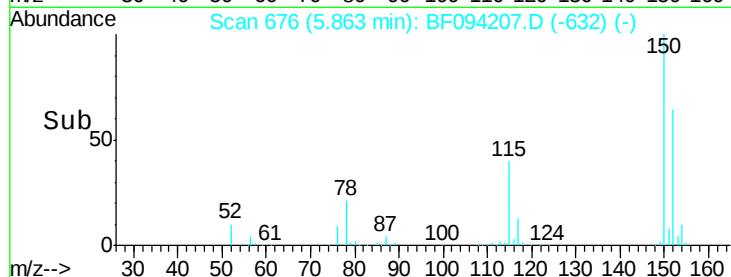
115 62.5 52.2 78.2



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: 110.01 ng

RT: 4.40 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF094207.D

Acq: 5 Apr 2017 23:29

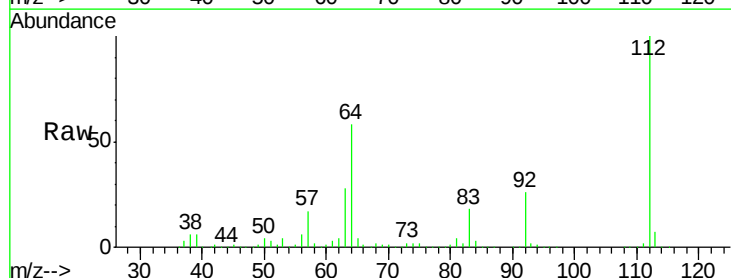
Tgt Ion:112 Resp: 1244760

Ion Ratio Lower Upper

112 100

64 58.4 46.0 69.0

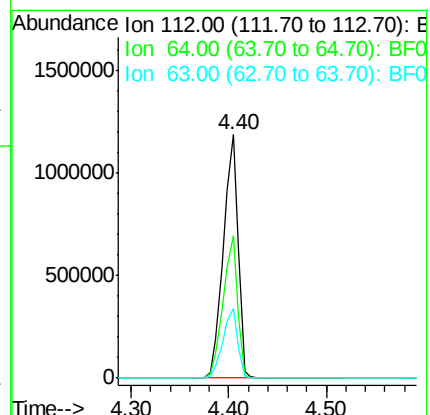
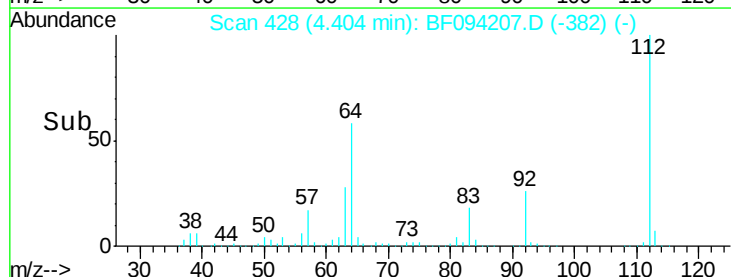
63 28.4 23.4 35.0

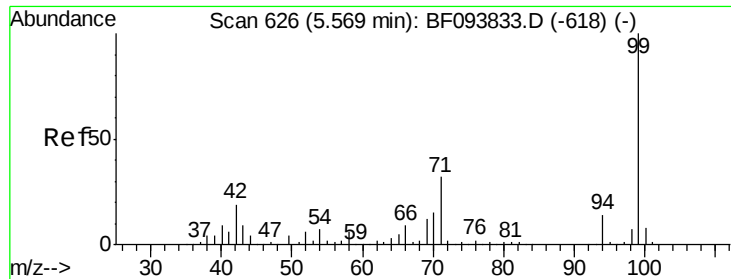


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.96 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094207.D

Acq: 5 Apr 2017 23:29

Instrument :

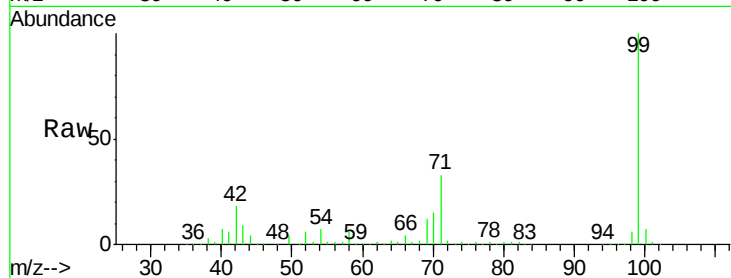
BNA\_F

ClientSampleId :

BASING-3(0-2)

Tot Ion: 99 Resp: 1581190

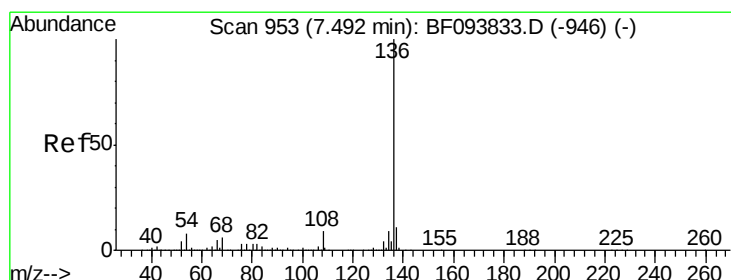
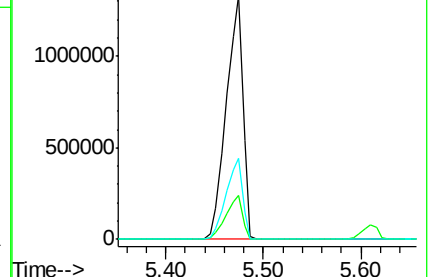
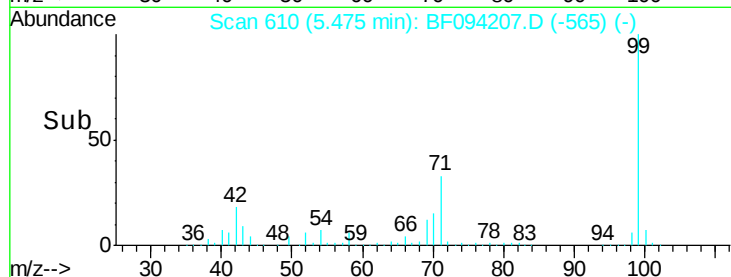
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.9  | 13.5  | 20.3  |
| 71  | 33.4  | 24.5  | 36.7  |



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: 7.37 min Scan# 932

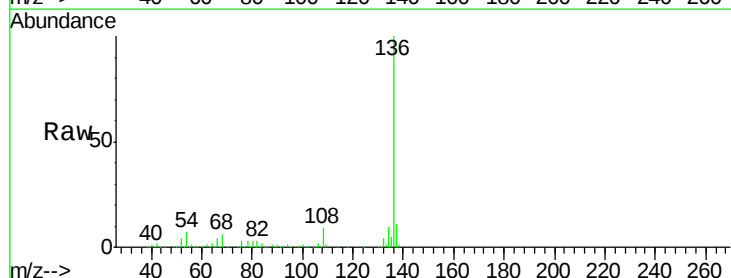
Delta R.T. -0.04 min

Lab File: BF094207.D

Acq: 5 Apr 2017 23:29

Tgt Ion: 136 Resp: 753360

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.5   | 12.7  |
| 54  | 6.9   | 4.9   | 7.3   |
| 68  | 5.8   | 4.1   | 6.1   |

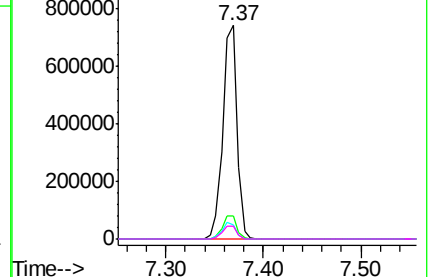
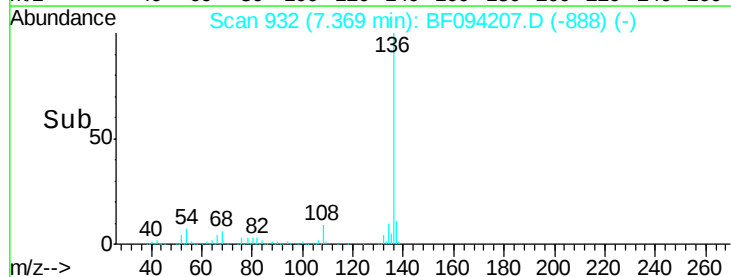


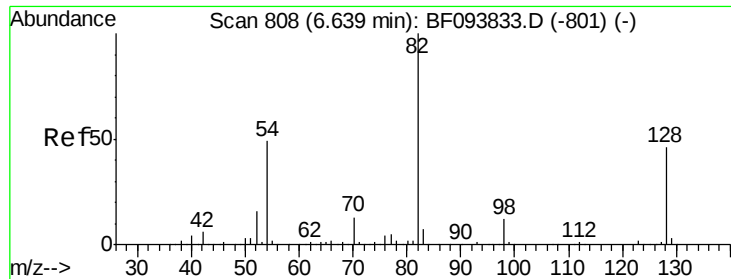
Abundance Ion 136.00 (135.70 to 136.70): E

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

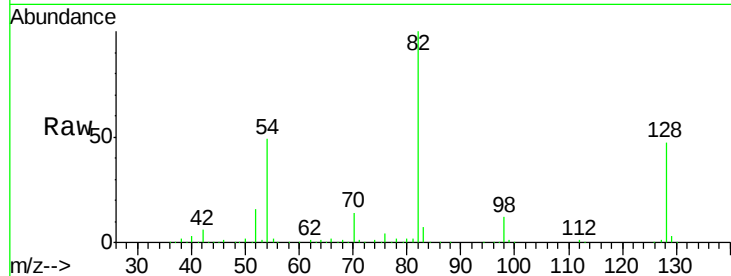




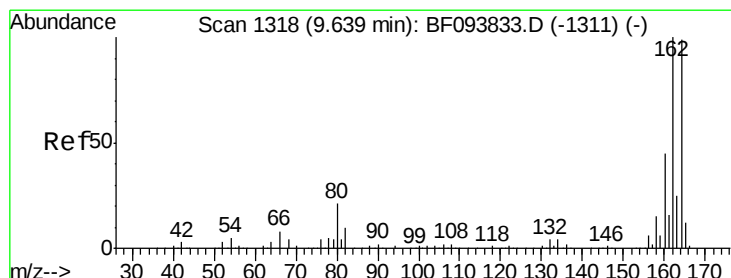
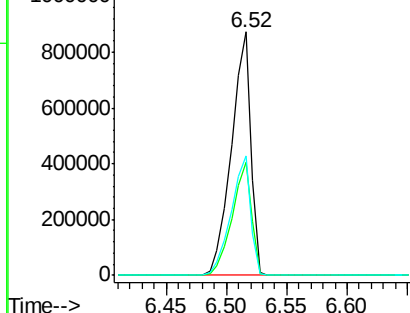
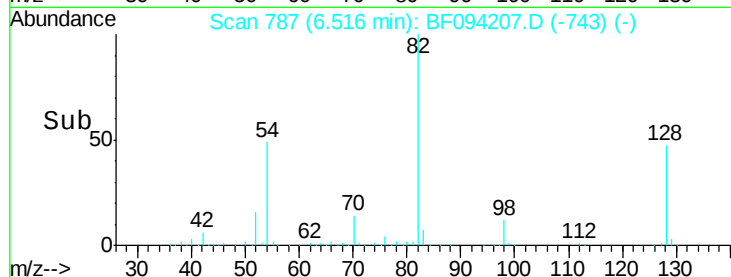
#23  
 Nitrobenzene-d5  
 Concen: 74.12 ng  
 RT: 6.52 min Scan# 787  
 Delta R.T. -0.04 min  
 Lab File: BF094207.D  
 Acq: 5 Apr 2017 23:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BASING-3(0-2)

| Tot Ion   | 82   | Resp  | 978389 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 46.6 | 34.0  | 51.0   |
| 54        | 48.9 | 42.2  | 63.2   |

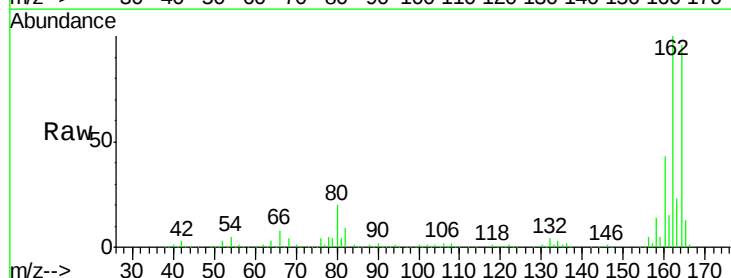


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

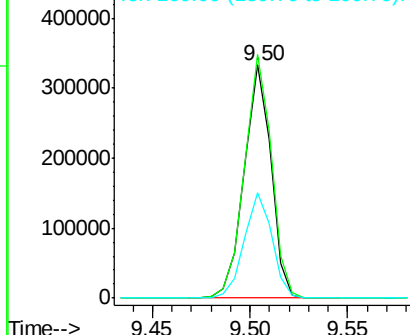
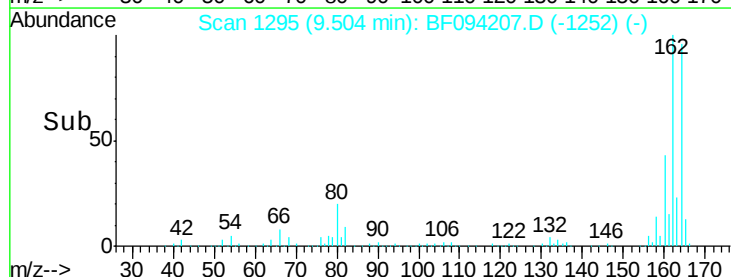


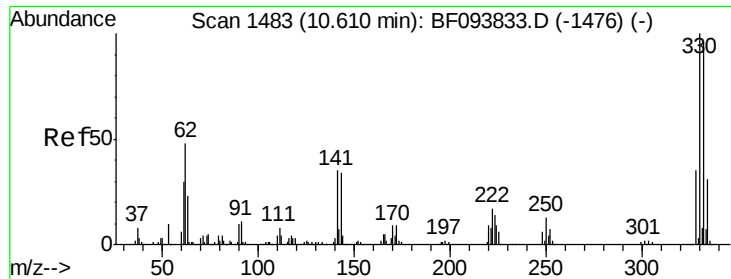
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.50 min Scan# 1295  
 Delta R.T. -0.05 min  
 Lab File: BF094207.D  
 Acq: 5 Apr 2017 23:29

| Tgt Ion   | 164   | Resp  | 318054 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 104.4 | 82.6  | 123.8  |
| 160       | 45.0  | 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

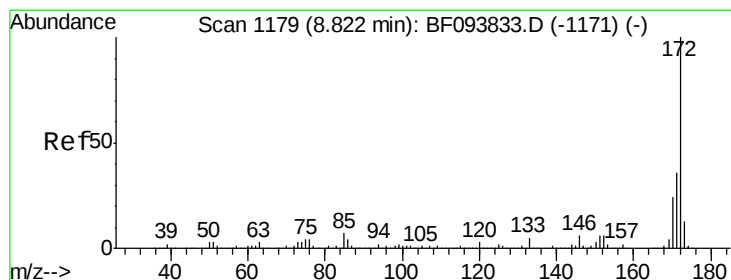
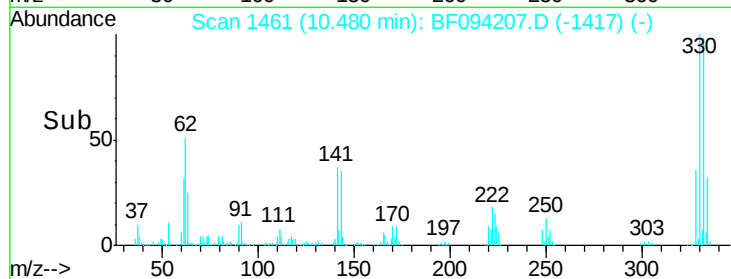
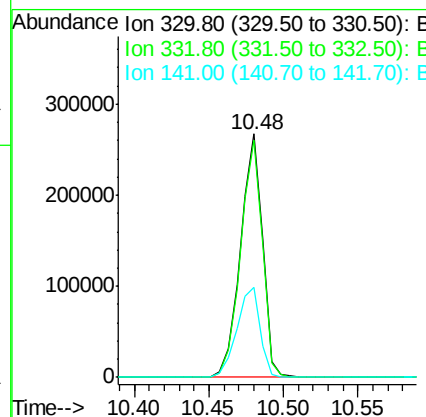
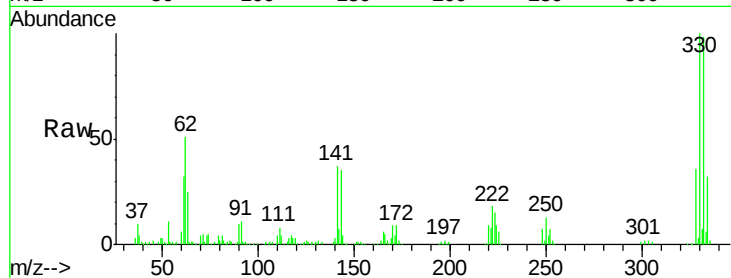




#41  
 2,4,6-Tribromophenol  
 Concen: 109.72 ng  
 RT: 10.48 min Scan# 1461  
 Delta R.T. -0.04 min  
 Lab File: BF094207.D  
 Acq: 5 Apr 2017 23:29

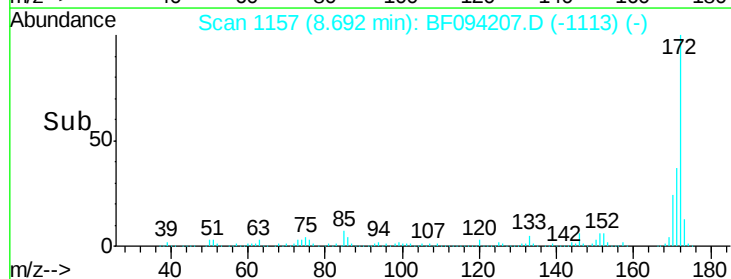
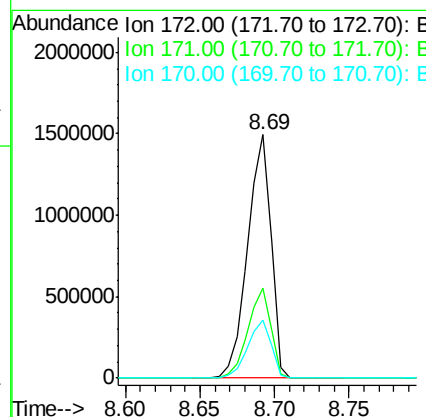
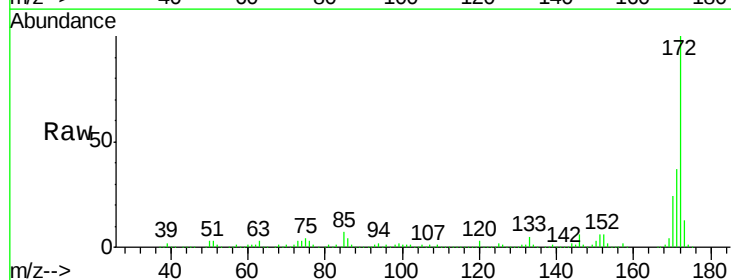
Instrument :  
 BNA\_F  
 ClientSampleId :  
 BASING-3(0-2)

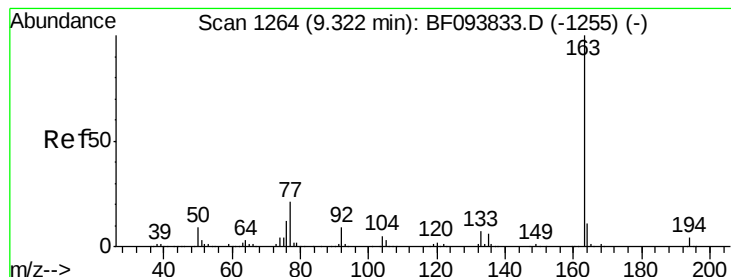
Tot Ion:330 Resp: 275754  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 76.6 115.0  
 141 39.6 31.4 47.2



#44  
 2-Fluorobiphenyl  
 Concen: 77.75 ng  
 RT: 8.69 min Scan# 1157  
 Delta R.T. -0.04 min  
 Lab File: BF094207.D  
 Acq: 5 Apr 2017 23:29

Tgt Ion:172 Resp: 1621178  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 29.6 44.4  
 170 24.1 19.8 29.8





#49

Dimethylphthalate

Concen: 6.94 ng

RT: 9.19 min Scan# 1241

Delta R.T. -0.06 min

Lab File: BF094207.D

Acq: 5 Apr 2017 23:29

Instrument :

BNA\_F

ClientSampleId :

BASING-3(0-2)

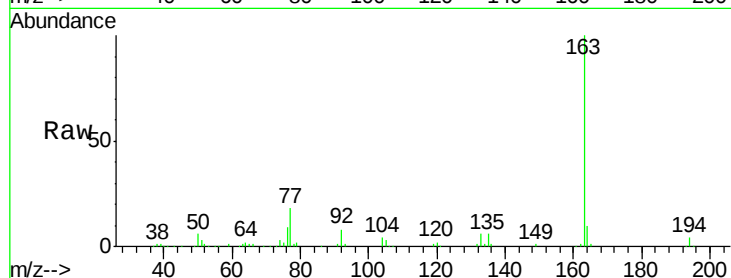
Tot Ion:163 Resp: 156855

Ion Ratio Lower Upper

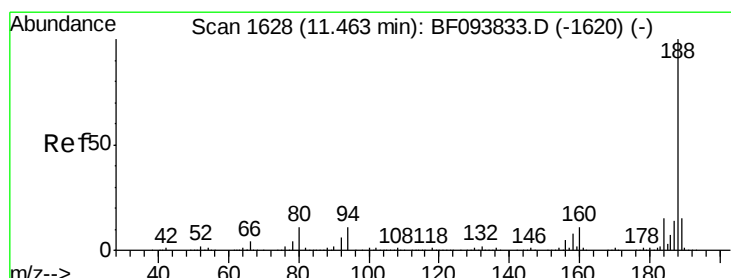
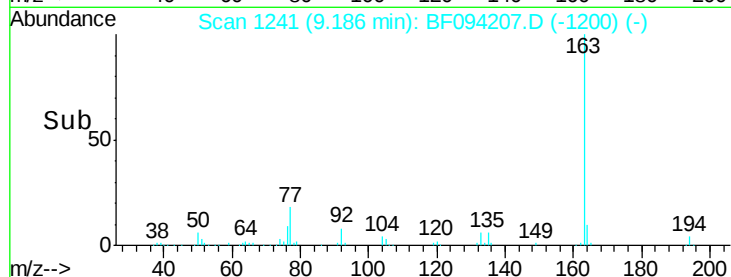
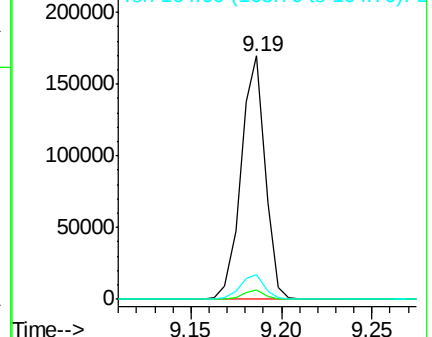
163 100

194 3.8 2.6 4.0

164 10.1 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: 11.33 min Scan# 1605

Delta R.T. -0.05 min

Lab File: BF094207.D

Acq: 5 Apr 2017 23:29

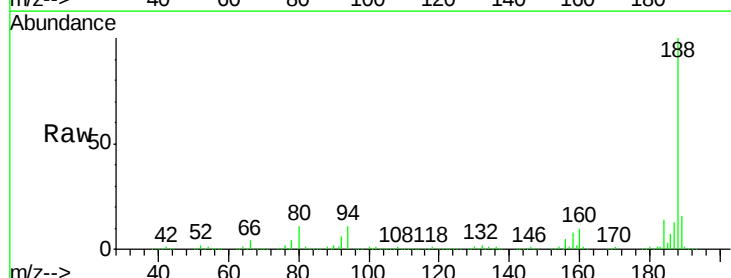
Tgt Ion:188 Resp: 502497

Ion Ratio Lower Upper

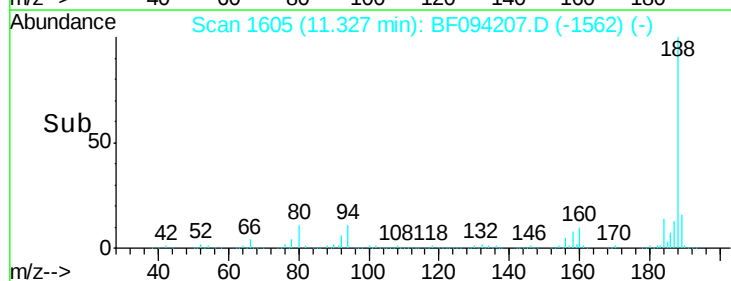
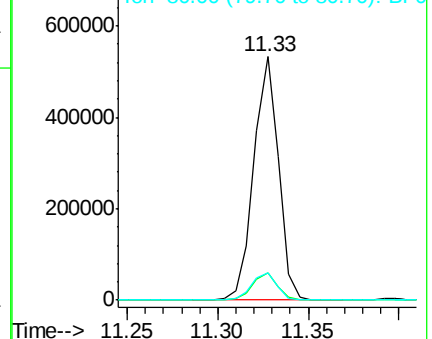
188 100

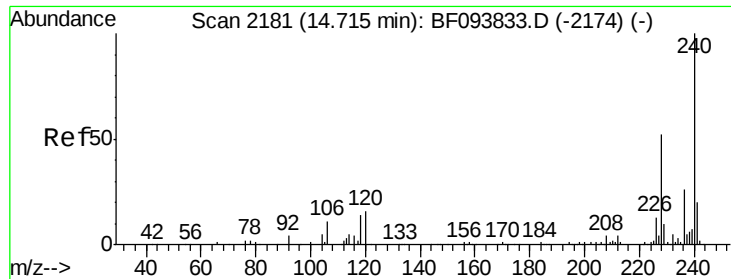
94 11.1 9.4 14.2

80 11.5 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

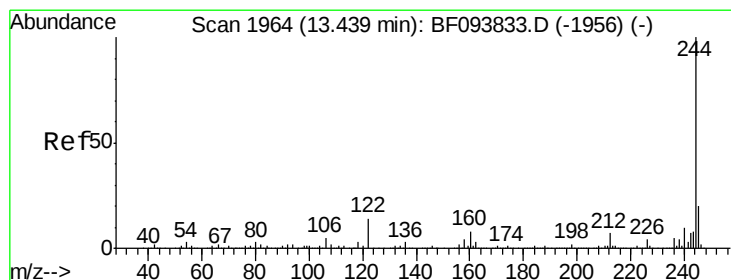
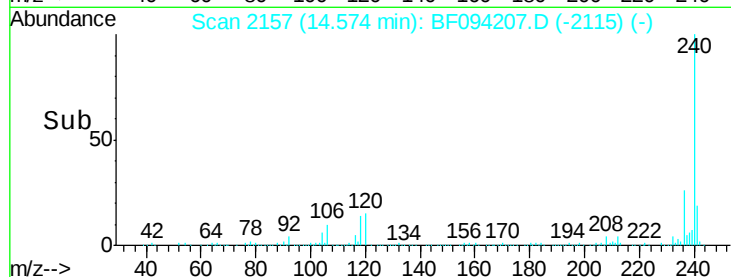
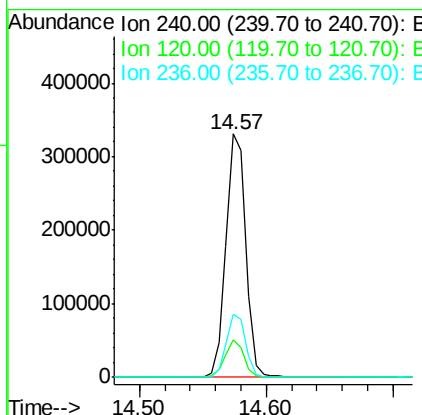
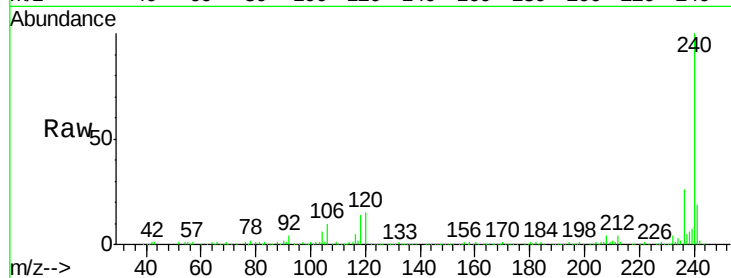




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.57 min Scan# 2157  
Delta R.T. -0.05 min  
Lab File: BF094207.D  
Acq: 5 Apr 2017 23:29

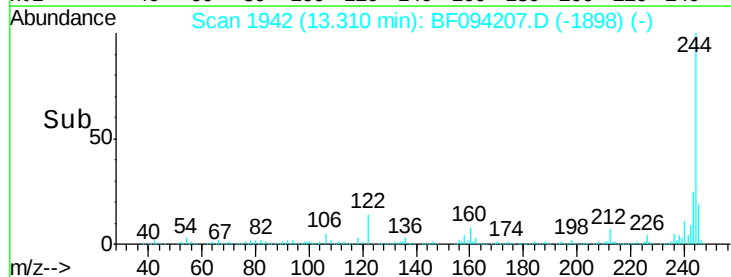
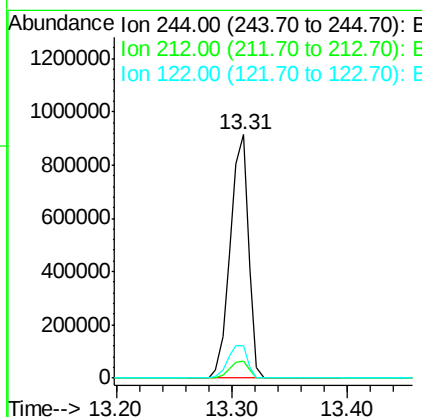
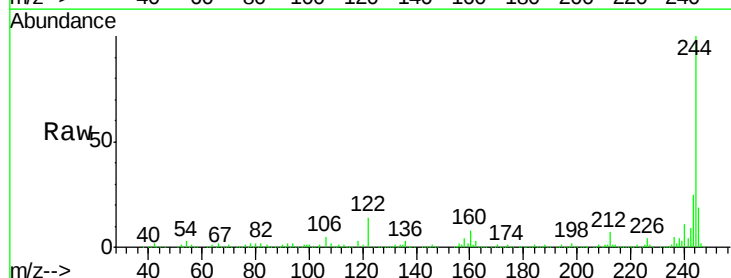
Instrument :  
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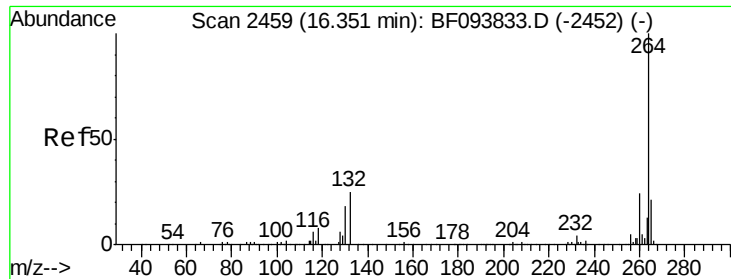
Tot Ion:240 Resp: 356182  
Ion Ratio Lower Upper  
240 100  
120 15.4 5.8 8.8#  
236 25.8 20.5 30.7



#78  
Terphenyl-d14  
Concen: 63.01 ng  
RT: 13.31 min Scan# 1942  
Delta R.T. -0.04 min  
Lab File: BF094207.D  
Acq: 5 Apr 2017 23:29

Tgt Ion:244 Resp: 1001298  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.0 9.0  
122 13.6 10.3 15.5

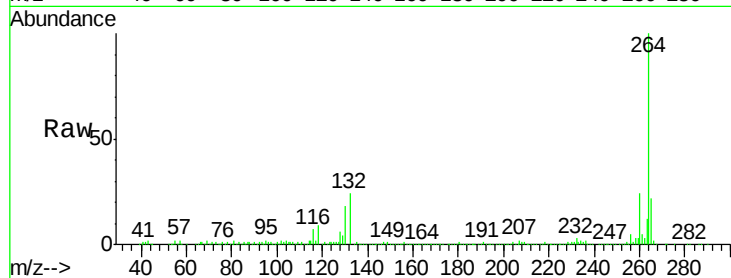




#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 16.20 min Scan# 2434  
Delta R.T. -0.05 min  
Lab File: BF094207.D  
Acq: 5 Apr 2017 23:29

Instrument :  
BNA\_F  
ClientSampleId :  
BASING-3(0-2)

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 300234 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.2  | 19.5  | 29.3   |
| 265      | 21.6  | 17.2  | 25.8   |



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

