

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060617\  
 Data File : BF095719.D  
 Acq On : 6 Jun 2017 20:32  
 Operator : SJ/MA  
 Sample : I3480-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DSN001

Quant Time: Jun 07 03:48:07 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 16:15:31 2017  
 Response via : Initial Calibration

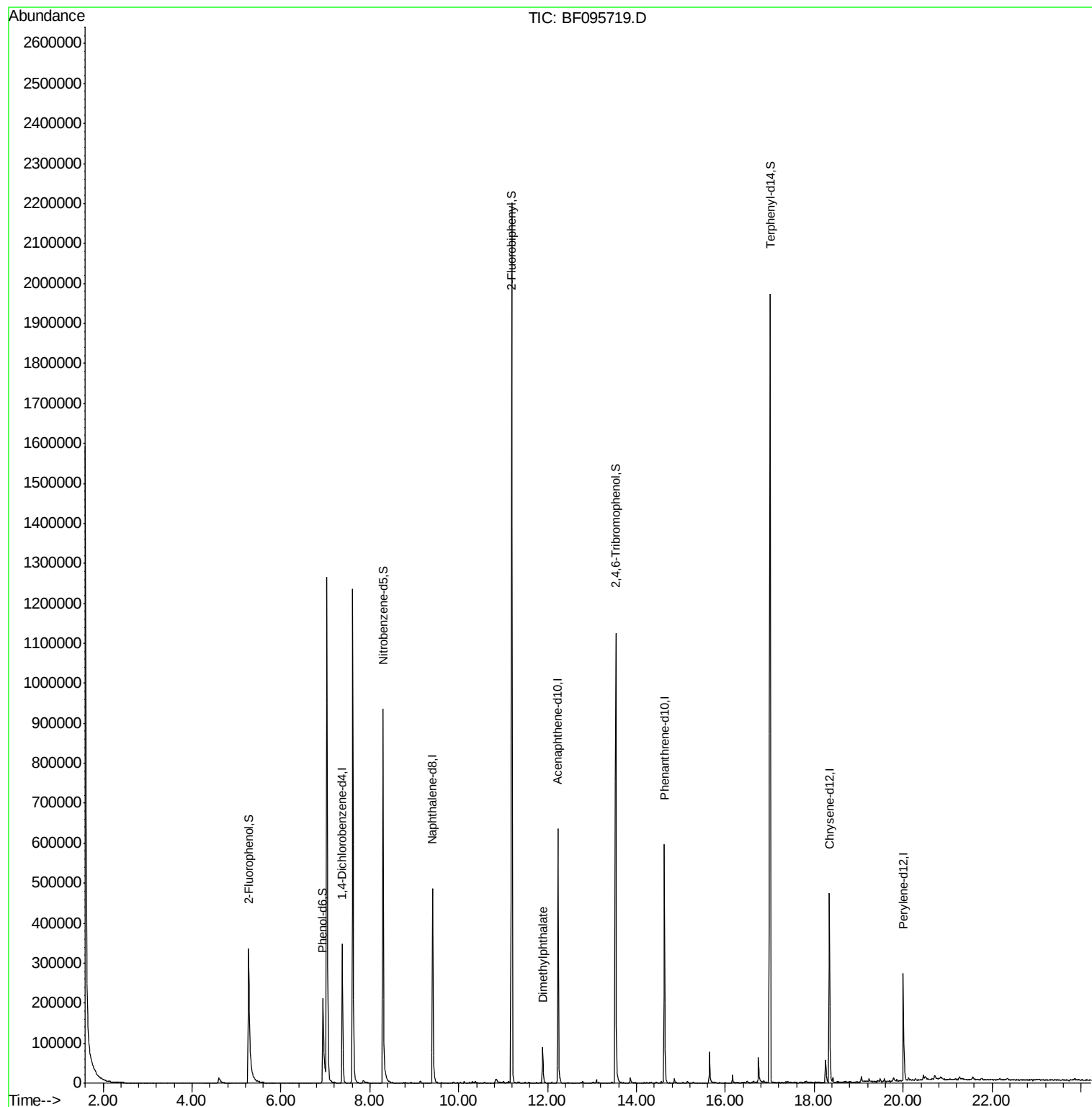
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.38  | 152  | 85052    | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 9.41  | 136  | 365980   | 20.00  | ng    | -0.02     |
| 38) Acenaphthene-d10        | 12.23 | 164  | 178765   | 20.00  | ng    | -0.02     |
| 63) Phenanthrene-d10        | 14.63 | 188  | 314451   | 20.00  | ng    | -0.02     |
| 75) Chrysene-d12            | 18.34 | 240  | 211617   | 20.00  | ng    | -0.02     |
| 86) Perylene-d12            | 20.01 | 264  | 143715   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.27  | 112  | 264450   | 49.54  | ng    | -0.01     |
| 7) Phenol-d6                | 6.94  | 99   | 191963   | 30.04  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 8.30  | 82   | 507621   | 86.14  | ng    | -0.02     |
| 41) 2,4,6-Tribromophenol    | 13.53 | 330  | 195503   | 123.61 | ng    | -0.02     |
| 44) 2-Fluorobiphenyl        | 11.20 | 172  | 1094428  | 85.19  | ng    | -0.02     |
| 78) Terphenyl-d14           | 17.01 | 244  | 857983   | 100.62 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 11.89 | 163  | 60564    | 4.462  | ng    | Qvalue 99 |

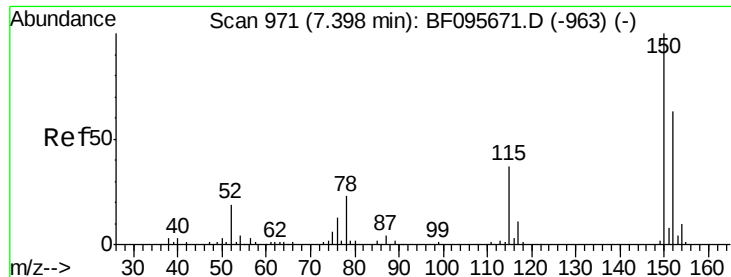
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060617\  
Data File : BF095719.D  
Acq On : 6 Jun 2017 20:32  
Operator : SJ/MA  
Sample : I3480-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DSN001

Quant Time: Jun 07 03:48:07 2017  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 05 16:15:31 2017  
Response via : Initial Calibration



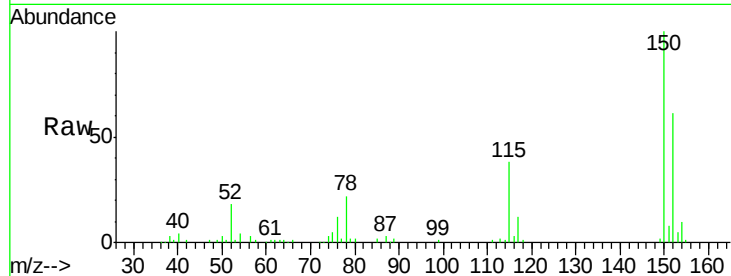


#1

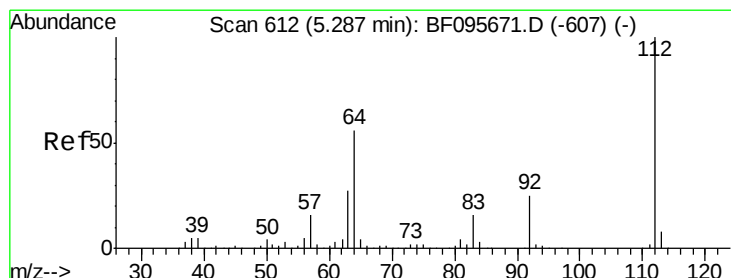
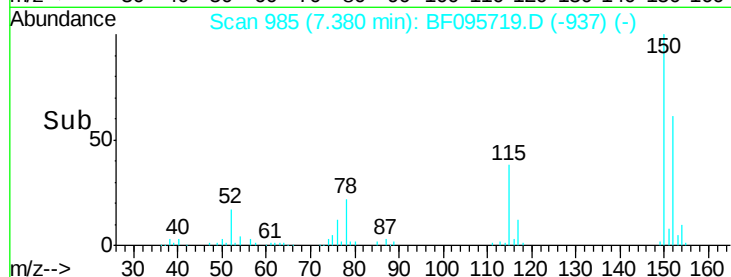
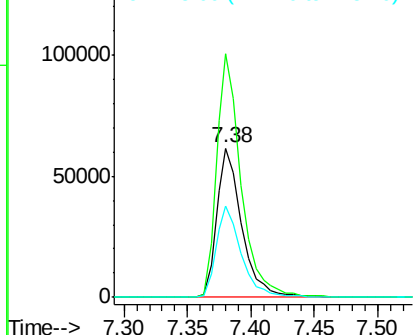
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.38 min Scan# 985  
Delta R.T. -0.02 min  
Lab File: BF095719.D  
Acq: 6 Jun 2017 20:32

Instrument :  
BNA\_F  
ClientSampleId :  
DSN001

Tgt Ion:152 Resp: 85052  
Ion Ratio Lower Upper  
152 100  
150 163.4 126.2 189.2  
115 61.7 52.2 78.2



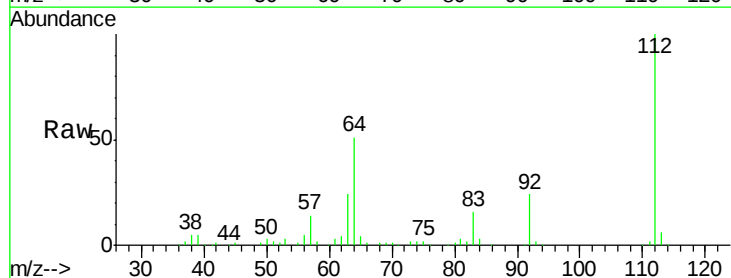
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



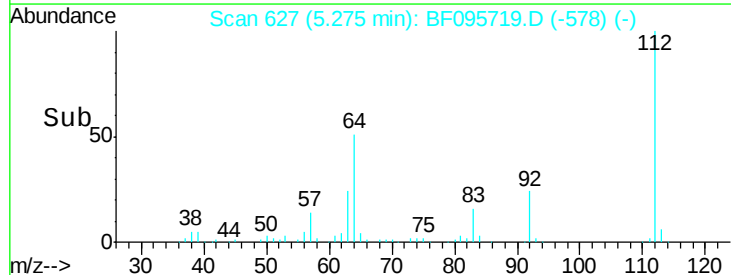
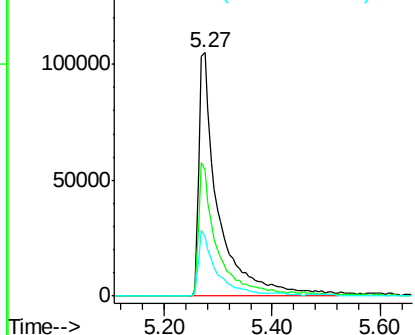
#5

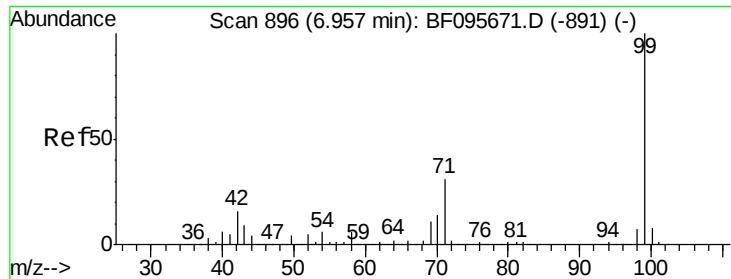
2-Fluorophenol  
Concen: 49.545 ng  
RT: 5.27 min Scan# 627  
Delta R.T. -0.01 min  
Lab File: BF095719.D  
Acq: 6 Jun 2017 20:32

Tgt Ion:112 Resp: 264450  
Ion Ratio Lower Upper  
112 100  
64 51.5 46.0 69.0  
63 24.4 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: 30.041 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095719.D

Acq: 6 Jun 2017 20:32

Instrument :

BNA\_F

ClientSampleId :

DSN001

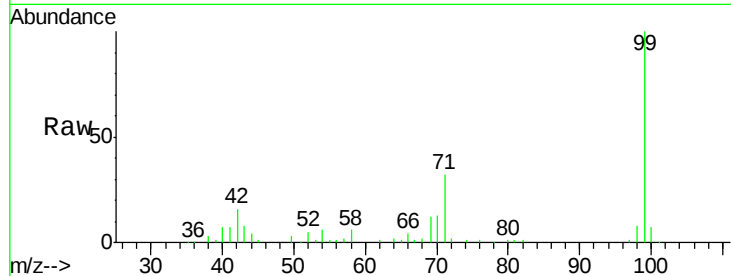
Tgt Ion: 99 Resp: 191963

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

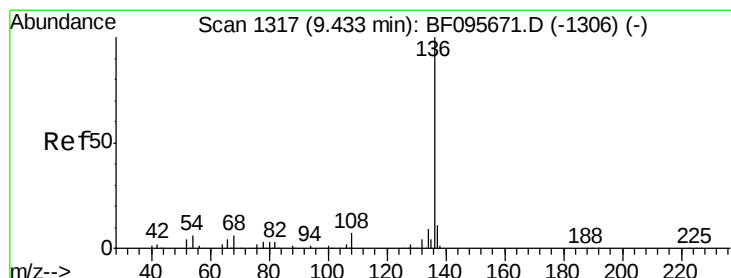
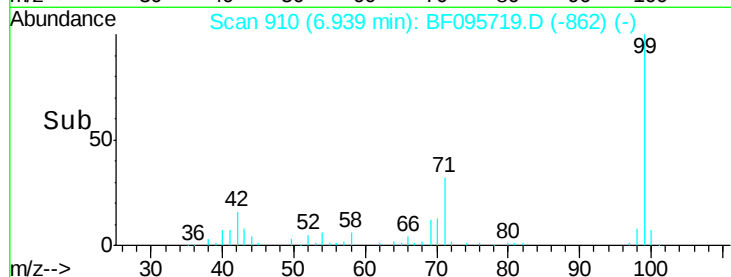
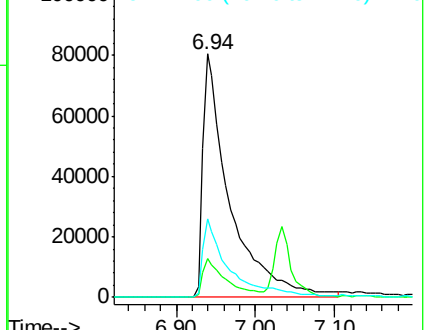
71 32.1 24.5 36.7



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: 20.000 ng

RT: 9.41 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF095719.D

Acq: 6 Jun 2017 20:32

Tgt Ion: 136 Resp: 365980

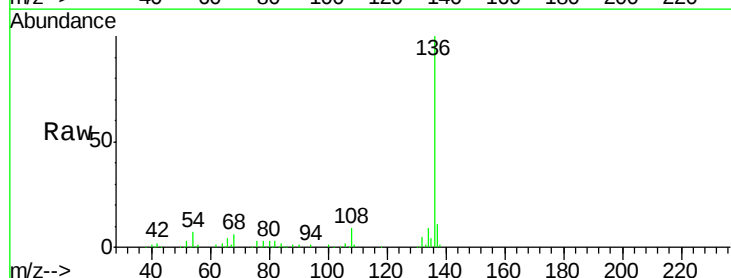
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

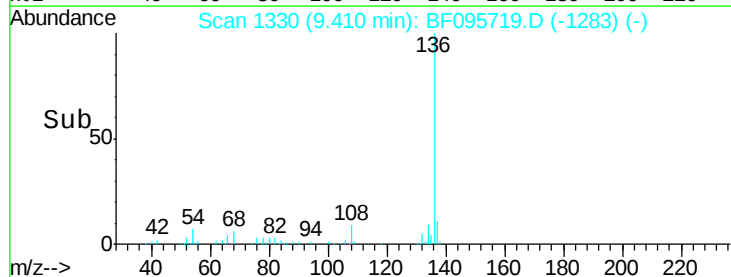
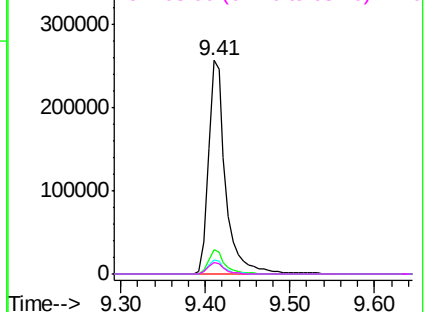


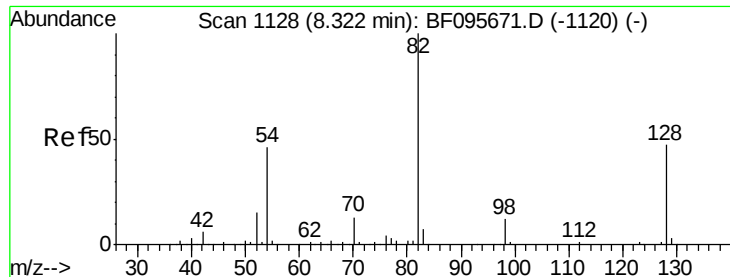
Abundance Ion 136.00 (135.70 to 136.70): E

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

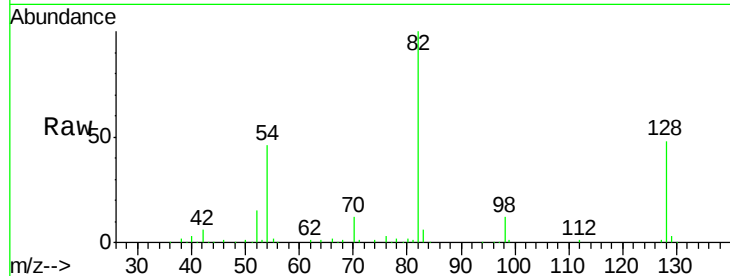




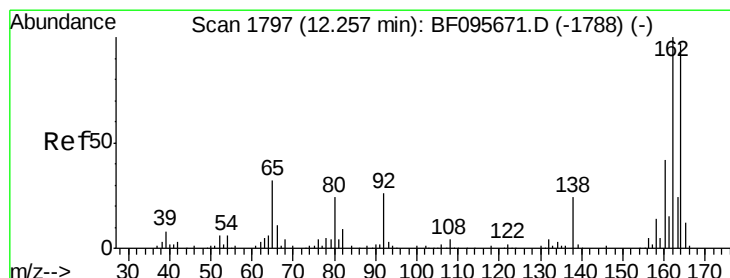
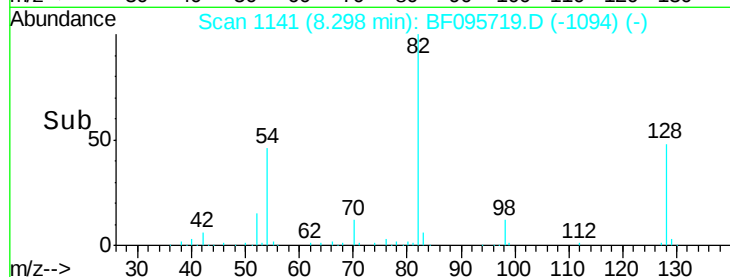
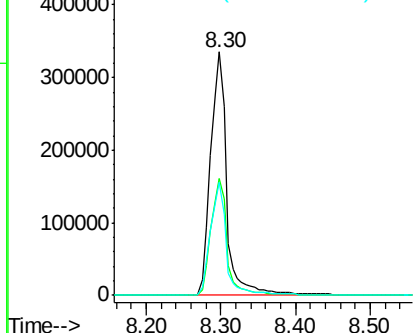
#23  
 Nitrobenzene-d5  
 Concen: 86.140 ng  
 RT: 8.30 min Scan# 1141  
 Delta R.T. -0.02 min  
 Lab File: BF095719.D  
 Acq: 6 Jun 2017 20:32

Instrument :  
 BNA\_F  
 ClientSampled :  
 DSN001

Tgt Ion: 82 Resp: 507621  
 Ion Ratio Lower Upper  
 82 100  
 128 48.1 34.0 51.0  
 54 46.2 42.2 63.2

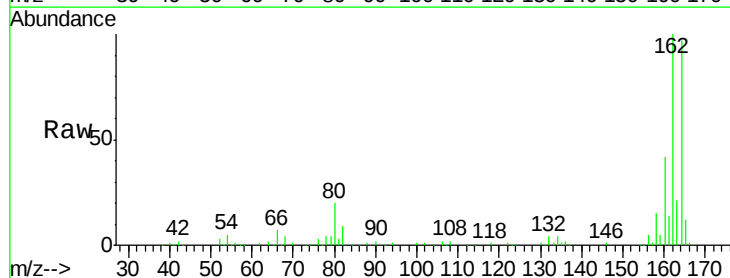


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

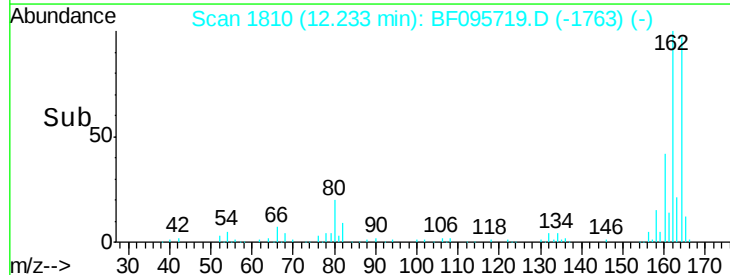
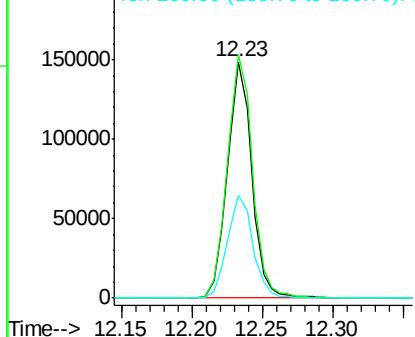


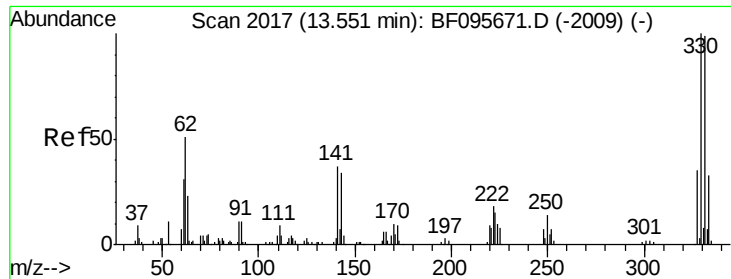
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 12.23 min Scan# 1810  
 Delta R.T. -0.02 min  
 Lab File: BF095719.D  
 Acq: 6 Jun 2017 20:32

Tgt Ion: 164 Resp: 178765  
 Ion Ratio Lower Upper  
 164 100  
 162 103.2 82.6 123.8  
 160 43.7 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

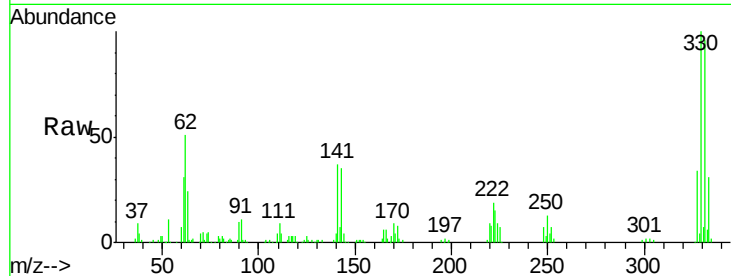




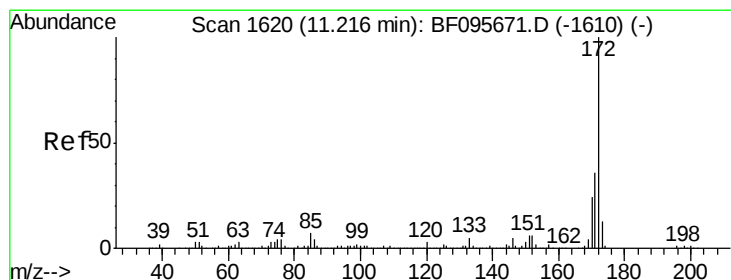
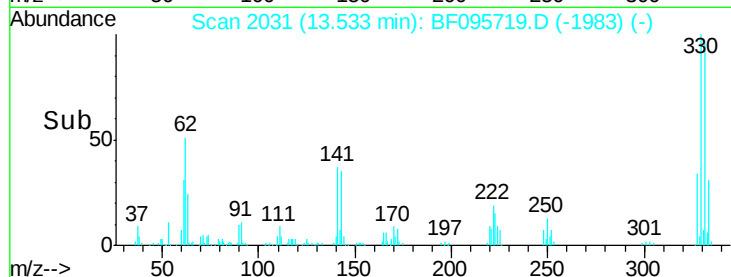
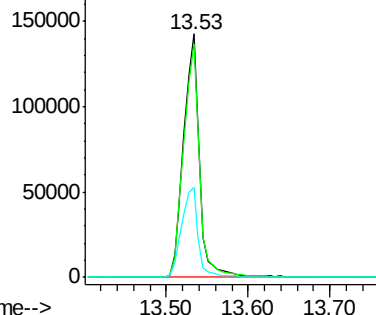
#41  
 2,4,6-Tribromophenol  
 Concen: 123.607 ng  
 RT: 13.53 min Scan# 2031  
 Delta R.T. -0.02 min  
 Lab File: BF095719.D  
 Acq: 6 Jun 2017 20:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DSN001

Tgt Ion:330 Resp: 195503  
 Ion Ratio Lower Upper  
 330 100  
 332 96.8 76.6 115.0  
 141 38.4 31.4 47.2

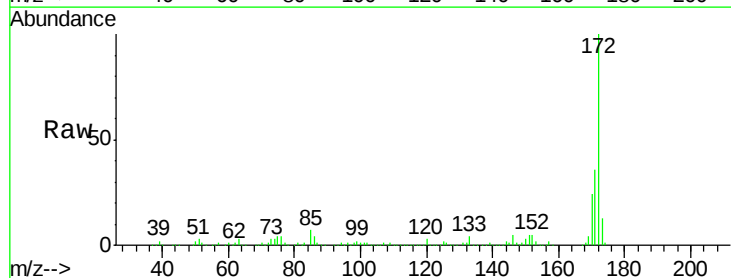


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

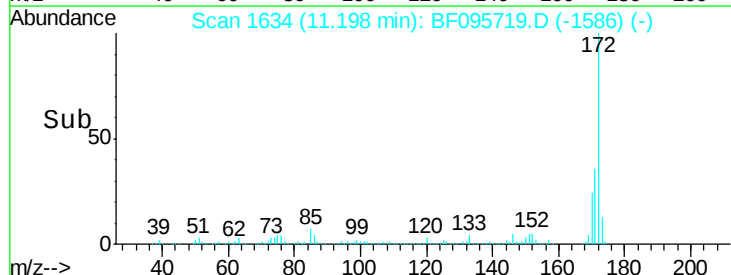
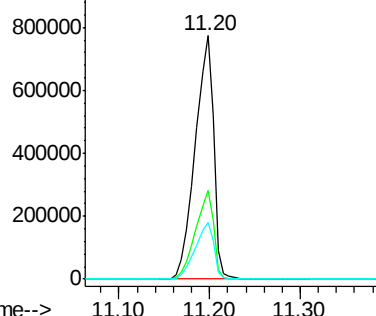


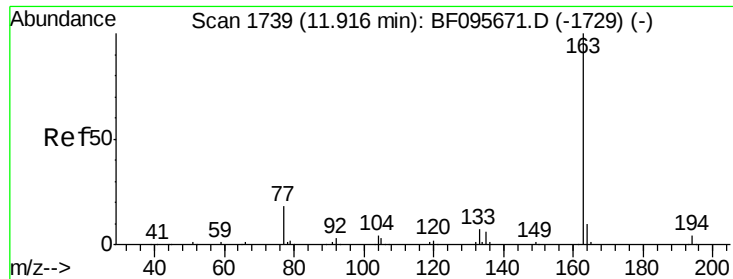
#44  
 2-Fluorobiphenyl  
 Concen: 85.194 ng  
 RT: 11.20 min Scan# 1634  
 Delta R.T. -0.02 min  
 Lab File: BF095719.D  
 Acq: 6 Jun 2017 20:32

Tgt Ion:172 Resp: 1094428  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 29.6 44.4  
 170 23.6 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

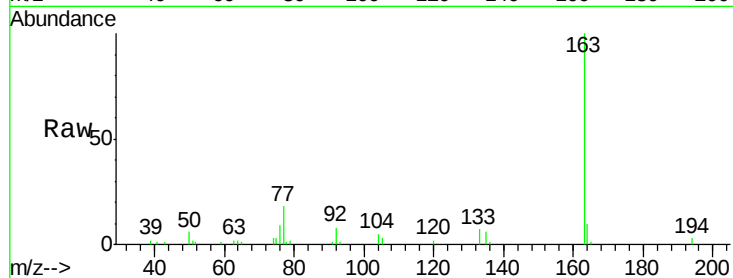




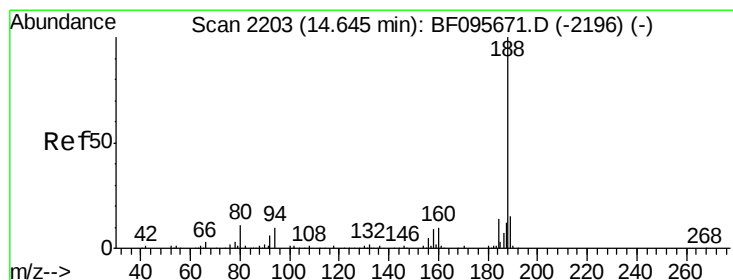
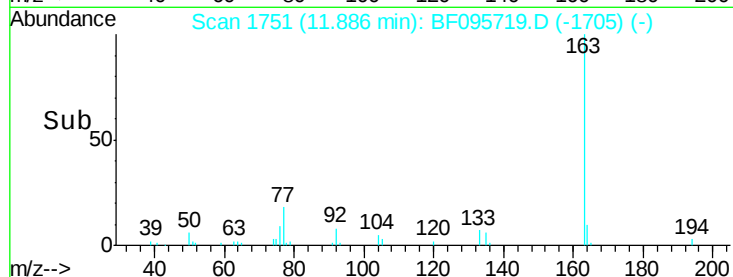
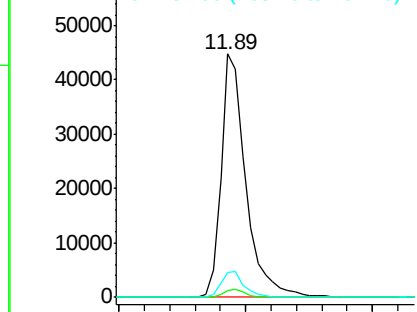
#49  
Dimethylphthalate  
Concen: 4.462 ng  
RT: 11.89 min Scan# 1751  
Delta R.T. -0.03 min  
Lab File: BF095719.D  
Acq: 6 Jun 2017 20:32

Instrument :  
BNA\_F  
ClientSampleId :  
DSN001

Tgt Ion:163 Resp: 60564  
Ion Ratio Lower Upper  
163 100  
194 2.9 2.6 4.0  
164 10.1 8.4 12.6

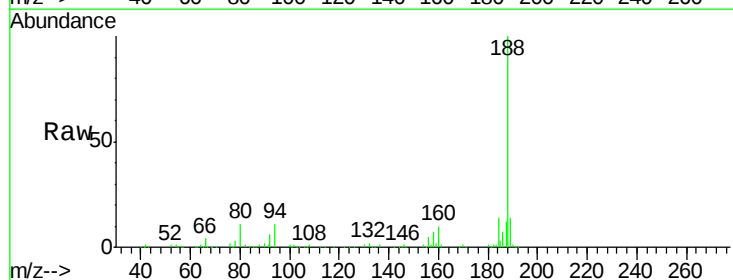


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

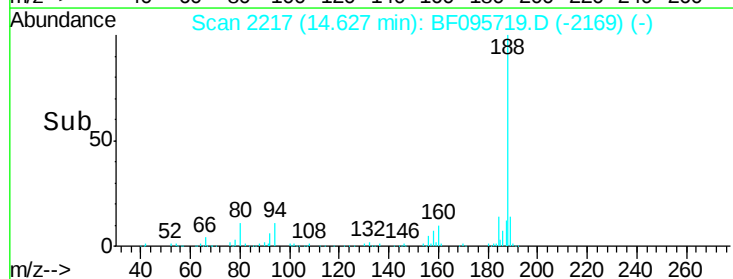
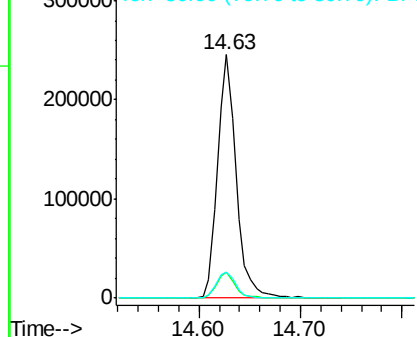


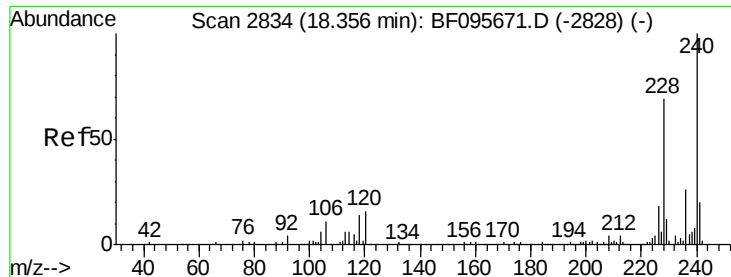
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 14.63 min Scan# 2217  
Delta R.T. -0.02 min  
Lab File: BF095719.D  
Acq: 6 Jun 2017 20:32

Tgt Ion:188 Resp: 314451  
Ion Ratio Lower Upper  
188 100  
94 10.6 9.4 14.2  
80 10.5 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: 20.000 ng

RT: 18.34 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BF095719.D

Acq: 6 Jun 2017 20:32

Instrument :

BNA\_F

ClientSampleId :

DSN001

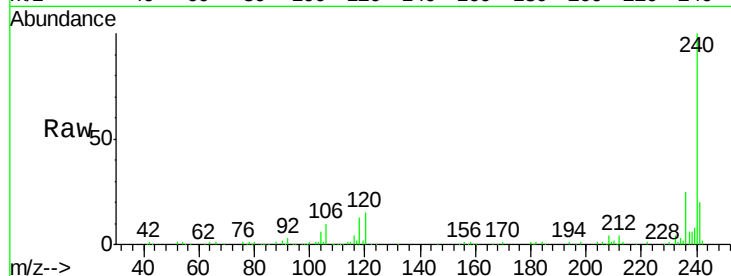
Tgt Ion:240 Resp: 211617

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

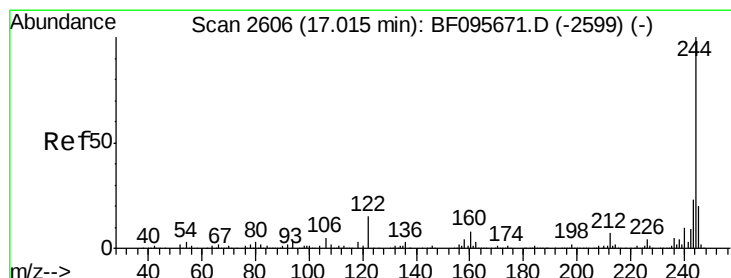
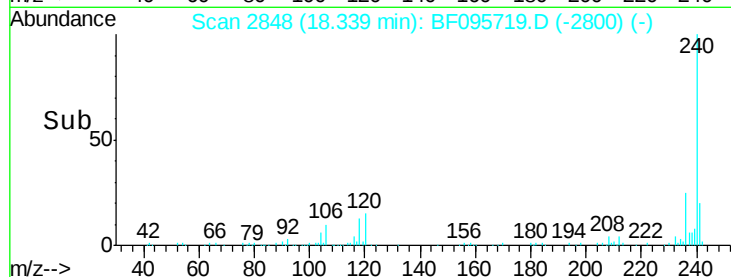
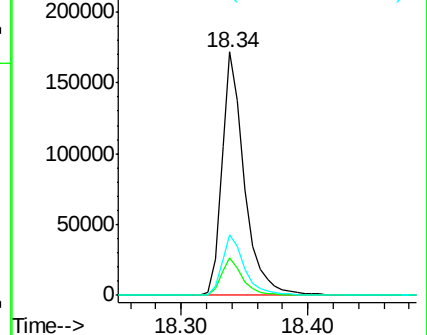
236 25.1 20.5 30.7



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: 100.620 ng

RT: 17.01 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BF095719.D

Acq: 6 Jun 2017 20:32

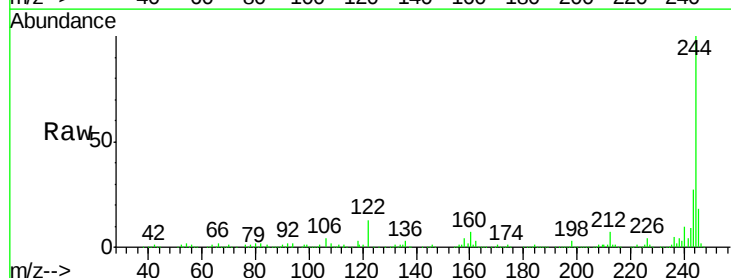
Tgt Ion:244 Resp: 857983

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

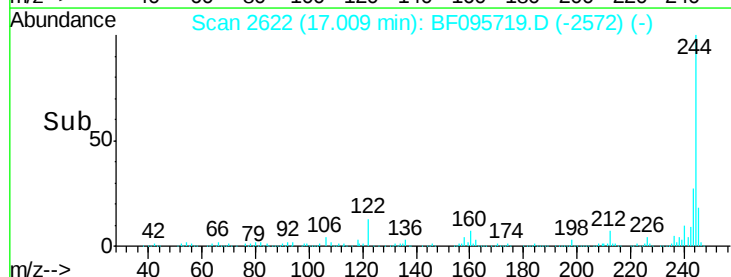
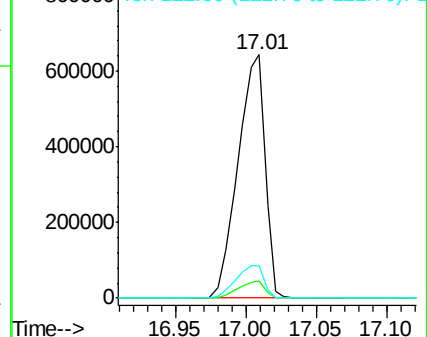
122 13.3 10.3 15.5

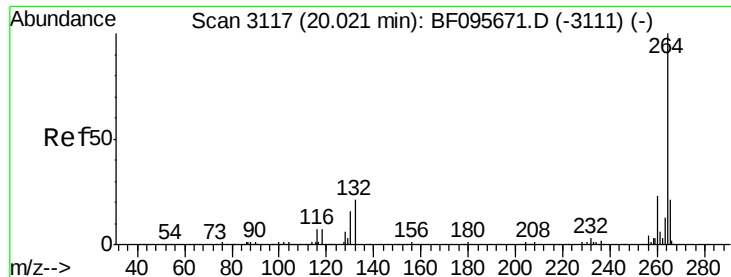


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 20.01 min Scan# 3132  
Delta R.T. -0.01 min  
Lab File: BF095719.D  
Acq: 6 Jun 2017 20:32

Instrument :  
BNA\_F  
ClientSampleId :  
DSN001

Tgt Ion: 264 Resp: 143715  
Ion Ratio Lower Upper  
264 100  
260 22.7 19.5 29.3  
265 20.4 17.2 25.8

