

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\  
 Data File : BF095980.D  
 Acq On : 17 Jun 2017 5:30  
 Operator : SJ/MA  
 Sample : I3693-06  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 17 06:03:10 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 16 17:12:03 2017  
 Response via : Initial Calibration

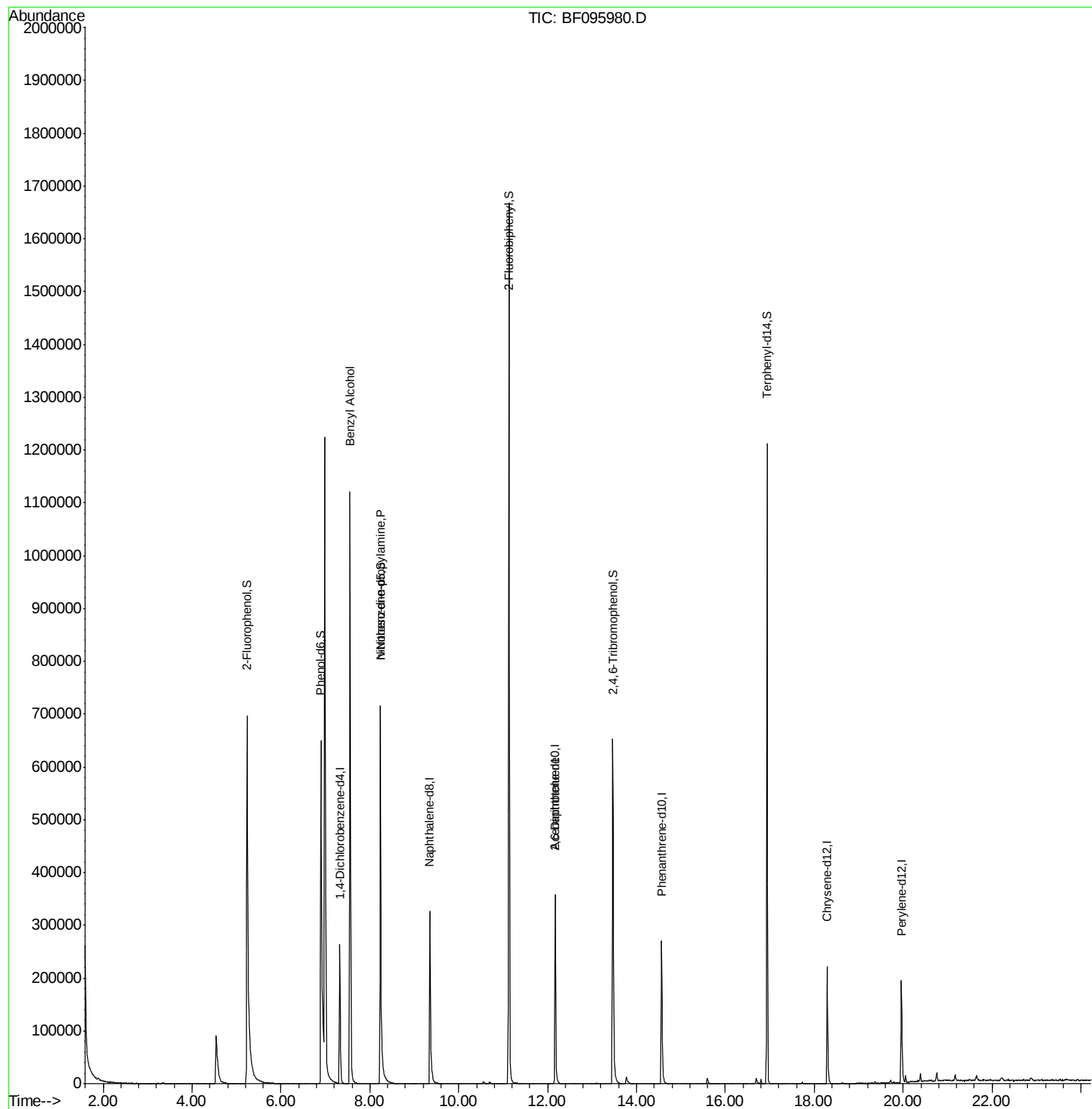
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.32  | 152  | 63703    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 9.35  | 136  | 261336   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 12.17 | 164  | 112823   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10           | 14.56 | 188  | 172141   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 18.29 | 240  | 121528   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 19.96 | 264  | 115371   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.23  | 112  | 525711   | 131.50 | ng    | 0.02     |
| 7) Phenol-d6                   | 6.90  | 99   | 579615   | 121.11 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 8.24  | 82   | 414798   | 98.57  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 13.47 | 330  | 128280   | 128.51 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl           | 11.13 | 172  | 787110   | 97.08  | ng    | 0.00     |
| 78) Terphenyl-d14              | 16.94 | 244  | 470671   | 96.12  | ng    | -0.01    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 15) Benzyl Alcohol             | 7.56  | 79   | 6626     | 2.02   | ng    | # 28     |
| 19) n-Nitroso-di-n-propylamine | 8.25  | 70   | 50335    | 16.60  | ng    | # 77     |
| 50) 2,6-Dinitrotoluene         | 12.17 | 165  | 14251    | 7.63   | ng    | # 31     |

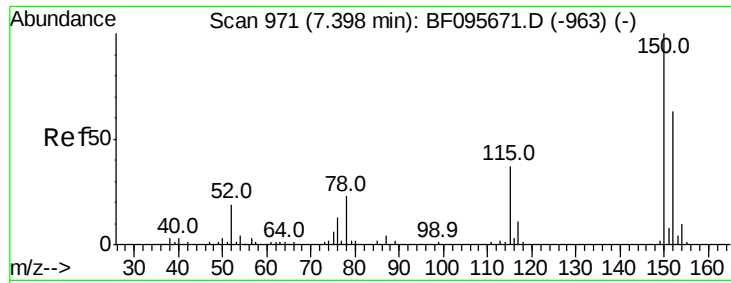
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\  
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Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
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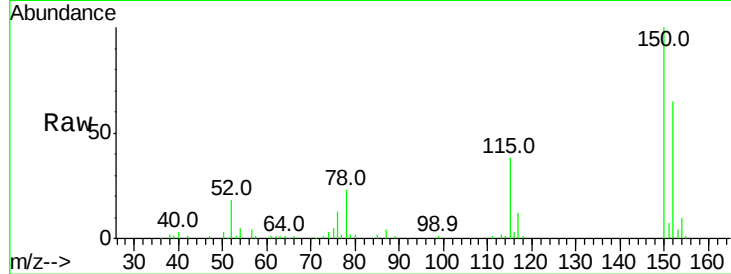


#1

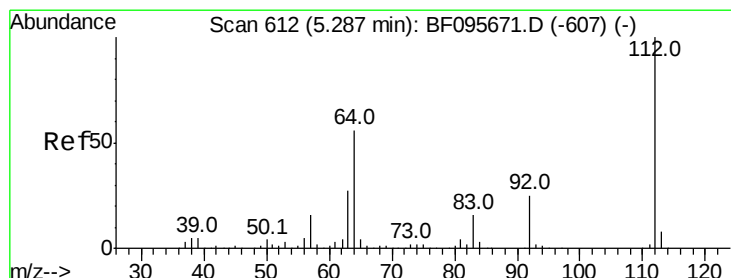
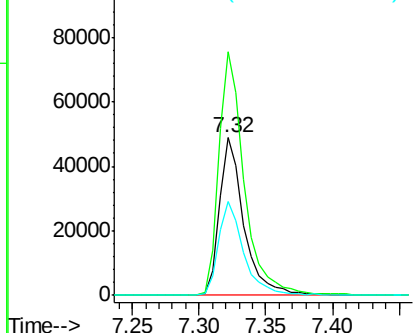
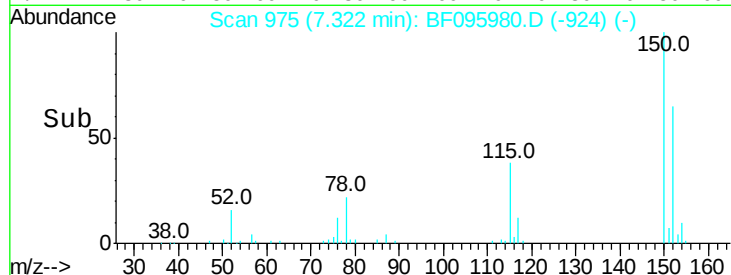
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.32 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: BF095980.D  
Acq: 17 Jun 2017 5:30

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 63703  
Ion Ratio Lower Upper  
152 100  
150 154.6 126.2 189.2  
115 59.4 52.2 78.2



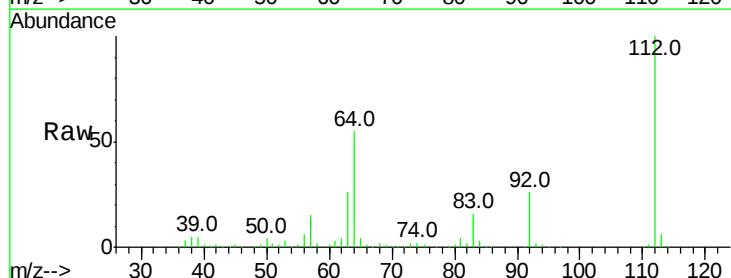
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



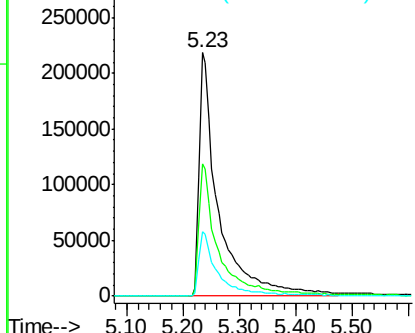
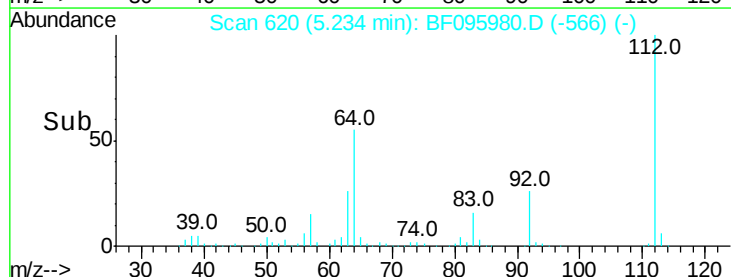
#5

2-Fluorophenol  
Concen: 131.50 ng  
RT: 5.23 min Scan# 620  
Delta R.T. 0.02 min  
Lab File: BF095980.D  
Acq: 17 Jun 2017 5:30

Tgt Ion:112 Resp: 525711  
Ion Ratio Lower Upper  
112 100  
64 54.6 46.0 69.0  
63 26.2 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: 121.11 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095980.D

Acq: 17 Jun 2017 5:30

Instrument :

BNA\_F

ClientSampleId :

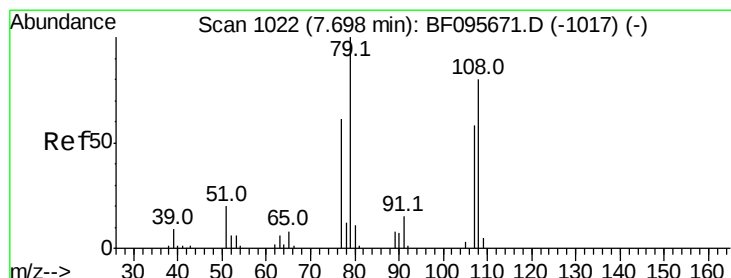
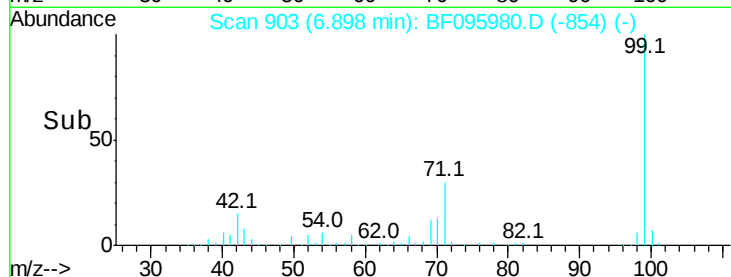
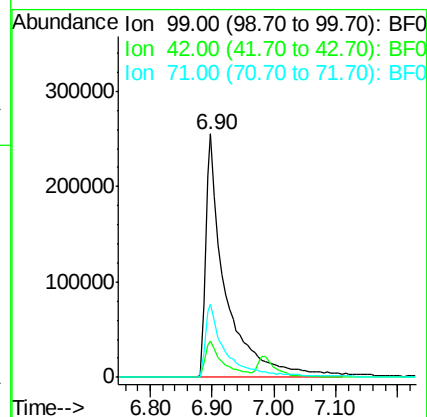
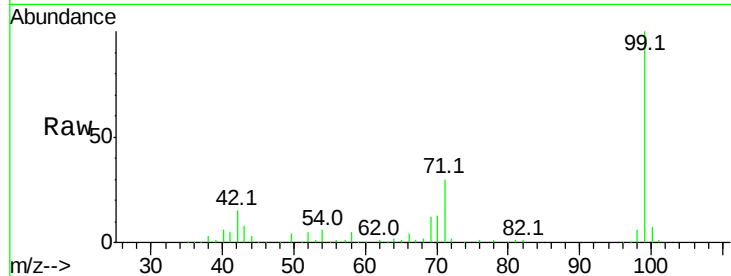
Tot Ion: 99 Resp: 579615

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

71 30.4 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.56 min Scan# 1015

Delta R.T. -0.08 min

Lab File: BF095980.D

Acq: 17 Jun 2017 5:30

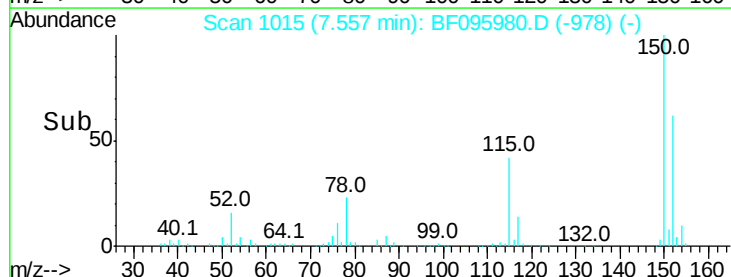
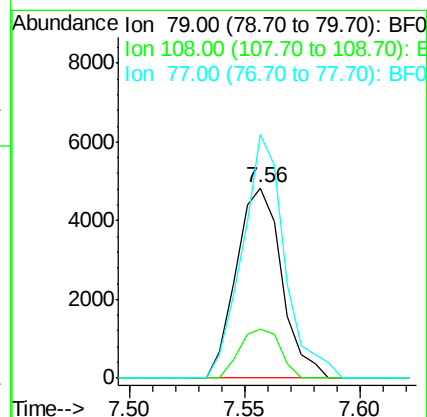
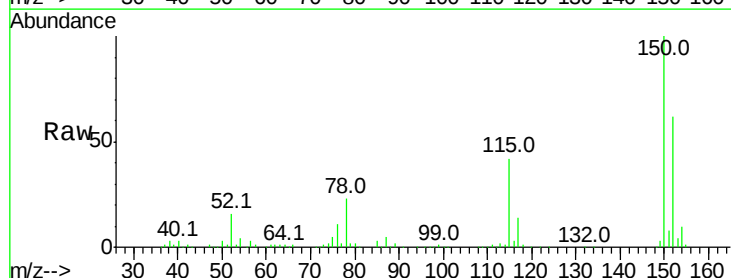
Tgt Ion: 79 Resp: 6626

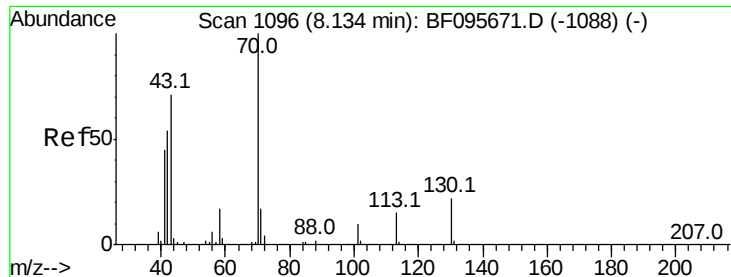
Ion Ratio Lower Upper

79 100

108 25.5 63.4 95.0#

77 128.2 49.2 73.8#

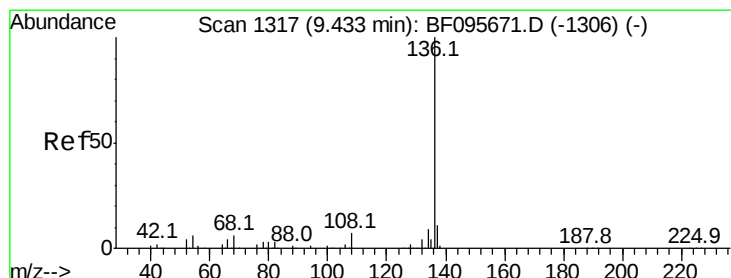
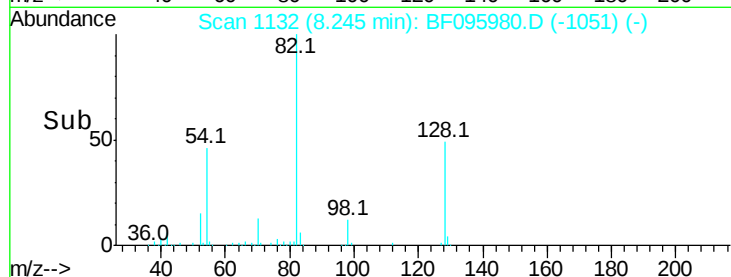
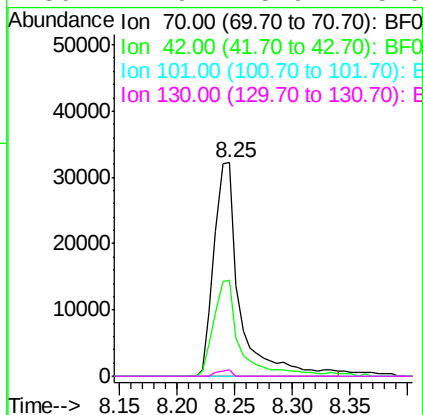
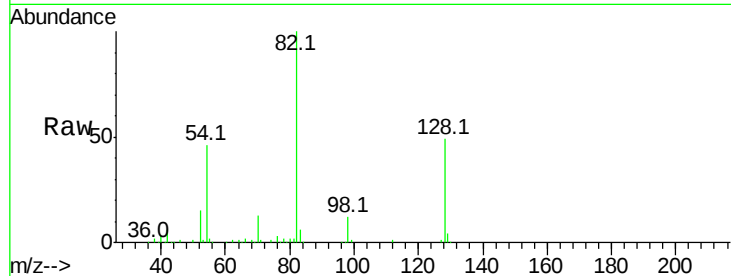




#19  
n-Nitroso-di-n-propylamine  
Concen: 16.60 ng  
RT: 8.25 min Scan# 1132  
Delta R.T. 0.18 min  
Lab File: BF095980.D  
Acq: 17 Jun 2017 5:30

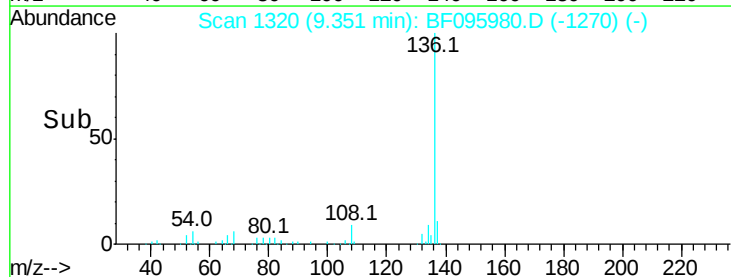
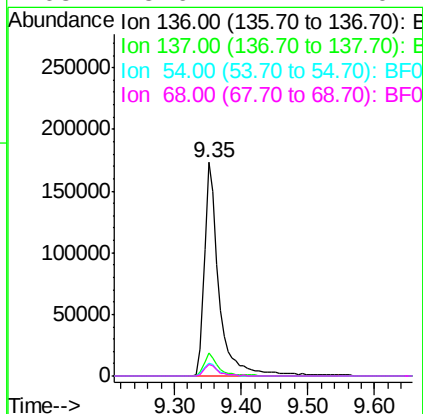
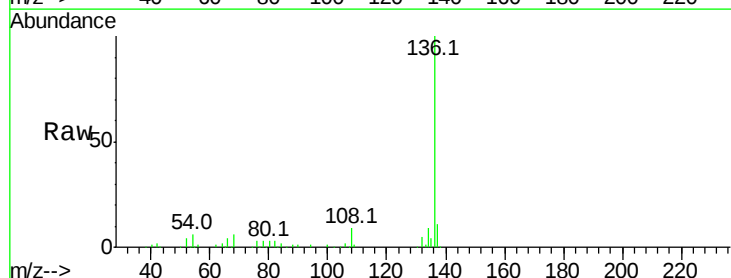
Instrument :  
BNA\_F  
ClientSampleId :

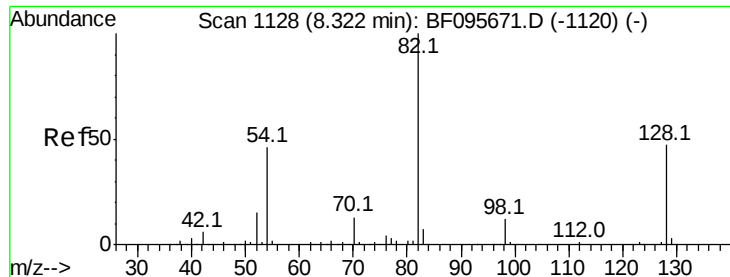
Tot Ion: 70 Resp: 50335  
Ion Ratio Lower Upper  
70 100  
42 45.2 47.2 70.8#  
101 0.0 7.2 10.8#  
130 2.9 15.9 23.9#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.35 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF095980.D  
Acq: 17 Jun 2017 5:30

Tgt Ion:136 Resp: 261336  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.5 12.7  
54 6.2 4.9 7.3  
68 5.6 4.1 6.1

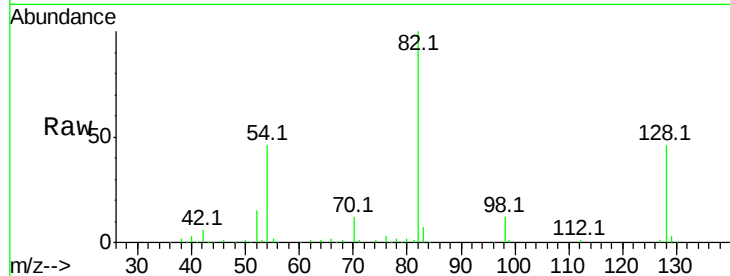




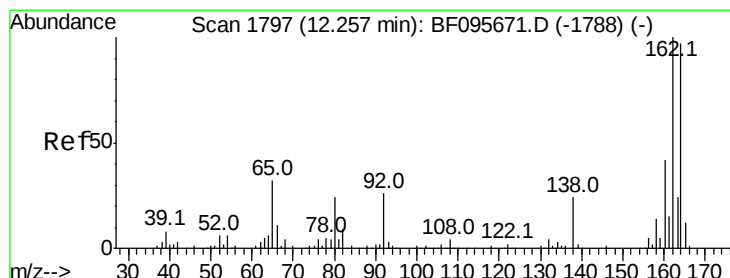
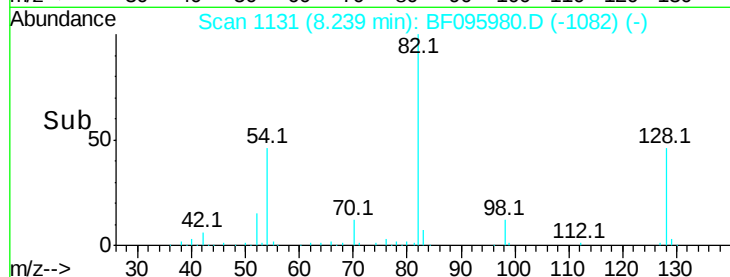
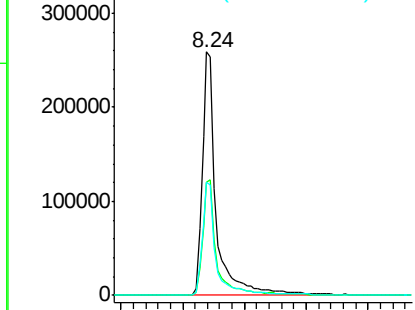
#23  
Nitrobenzene-d5  
Concen: 98.57 ng  
RT: 8.24 min Scan# 1131  
Delta R.T. -0.01 min  
Lab File: BF095980.D  
Acq: 17 Jun 2017 5:30

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 414798  
Ion Ratio Lower Upper  
82 100  
128 46.3 34.0 51.0  
54 46.2 42.2 63.2

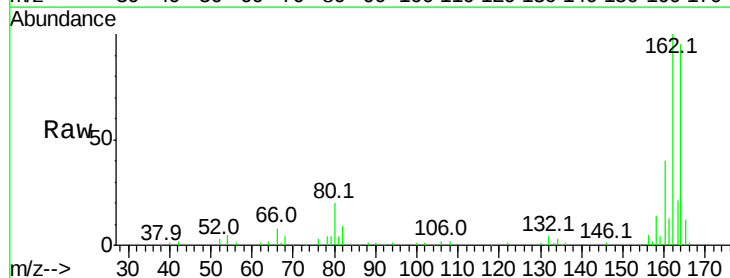


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

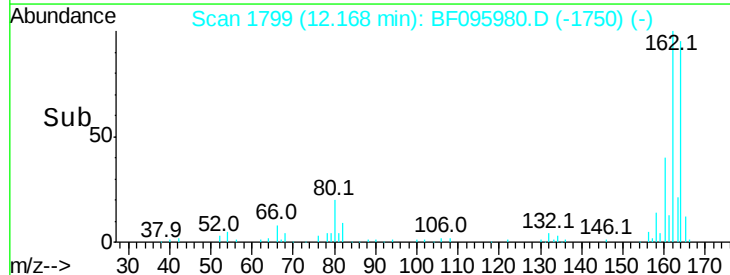
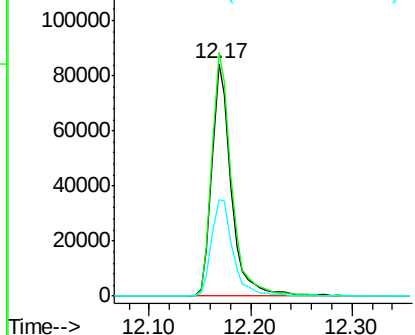


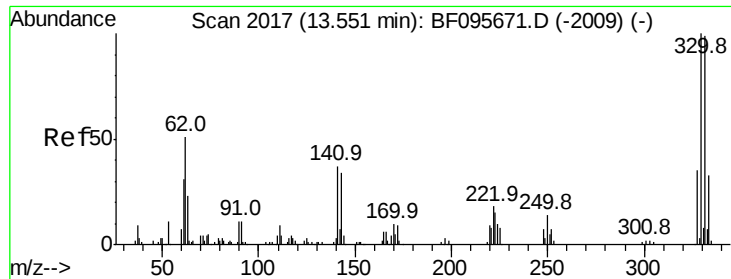
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.17 min Scan# 1799  
Delta R.T. -0.01 min  
Lab File: BF095980.D  
Acq: 17 Jun 2017 5:30

Tgt Ion:164 Resp: 112823  
Ion Ratio Lower Upper  
164 100  
162 104.9 82.6 123.8  
160 41.7 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

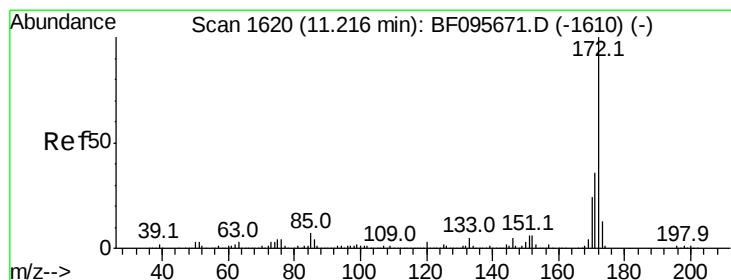
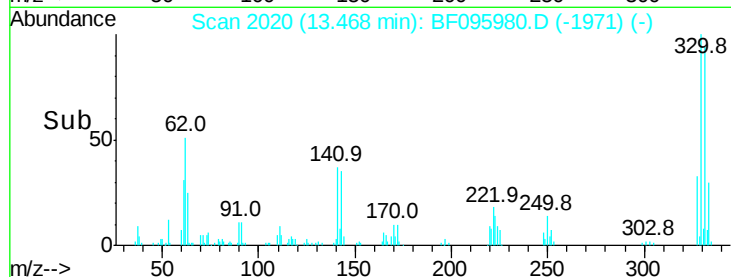
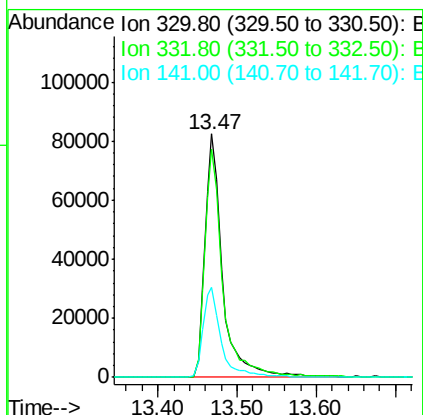
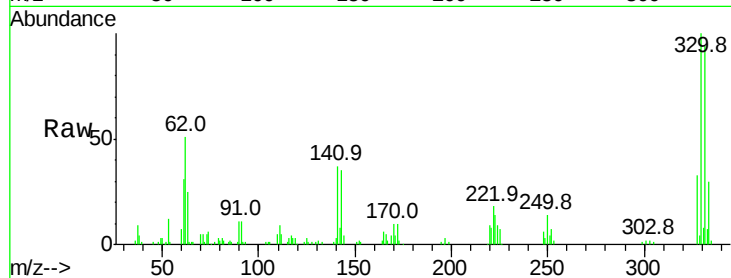




#41  
 2,4,6-Tribromophenol  
 Concen: 128.51 ng  
 RT: 13.47 min Scan# 2020  
 Delta R.T. -0.01 min  
 Lab File: BF095980.D  
 Acq: 17 Jun 2017 5:30

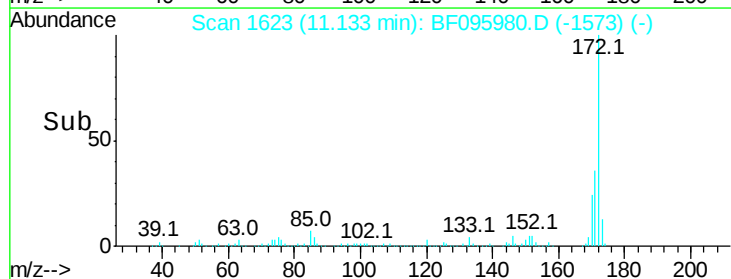
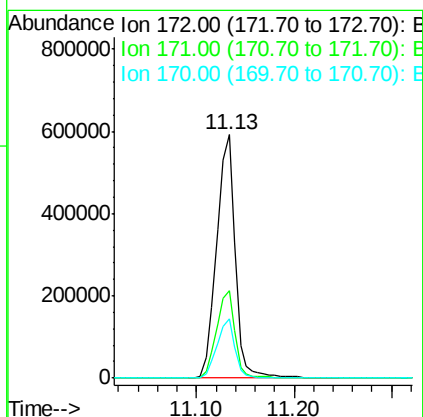
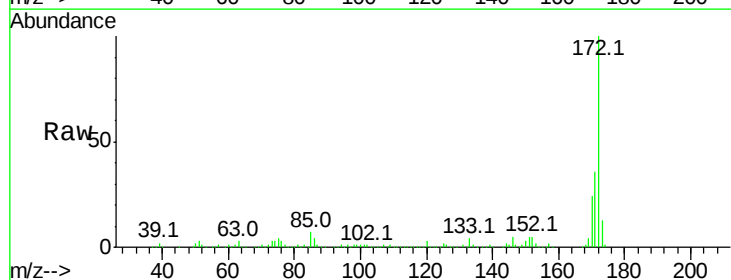
Instrument :  
 BNA\_F  
 ClientSampleId :

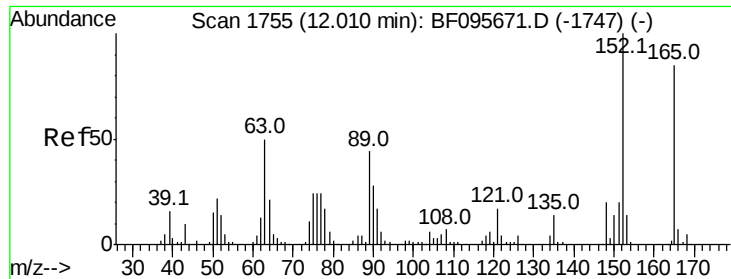
Tot Ion:330 Resp: 128280  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 76.6 115.0  
 141 37.8 31.4 47.2



#44  
 2-Fluorobiphenyl  
 Concen: 97.08 ng  
 RT: 11.13 min Scan# 1623  
 Delta R.T. -0.01 min  
 Lab File: BF095980.D  
 Acq: 17 Jun 2017 5:30

Tgt Ion:172 Resp: 787110  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.6 44.4  
 170 24.1 19.8 29.8

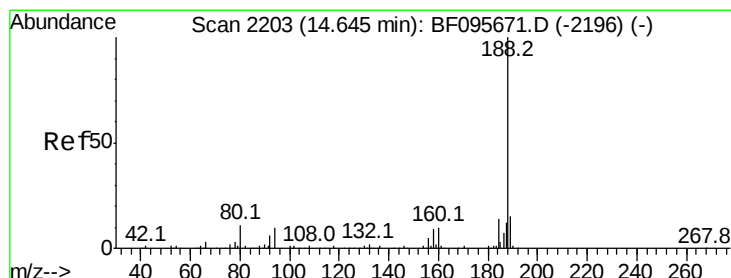
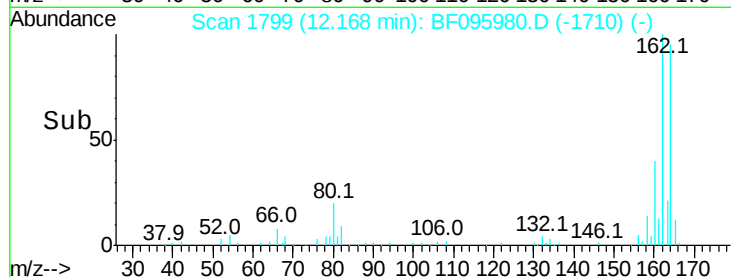
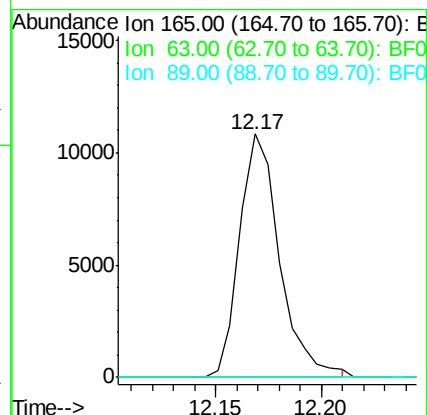
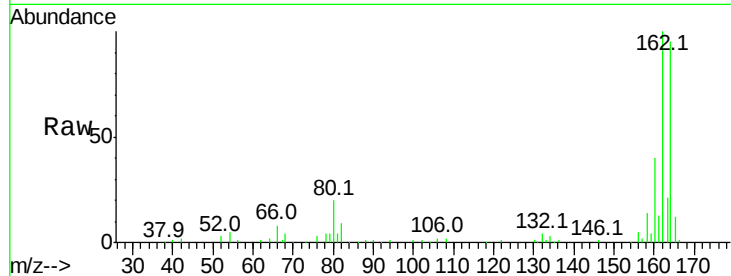




#50  
 2,6-Dinitrotoluene  
 Concen: 7.63 ng  
 RT: 12.17 min Scan# 1799  
 Delta R.T. 0.22 min  
 Lab File: BF095980.D  
 Acq: 17 Jun 2017 5:30

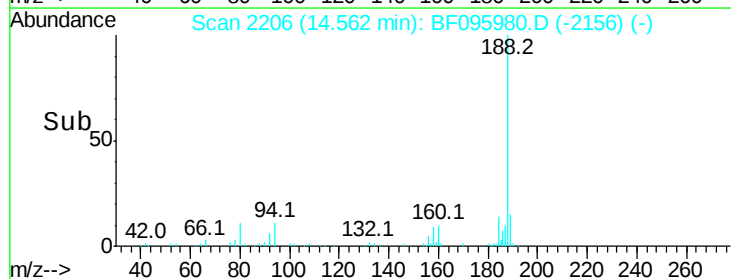
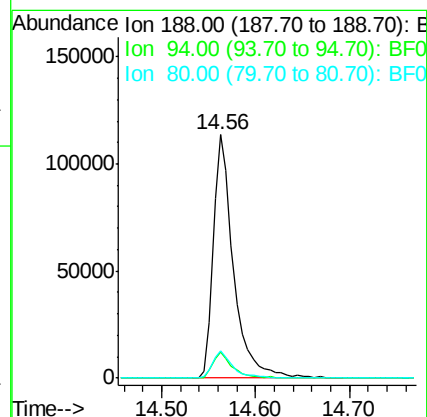
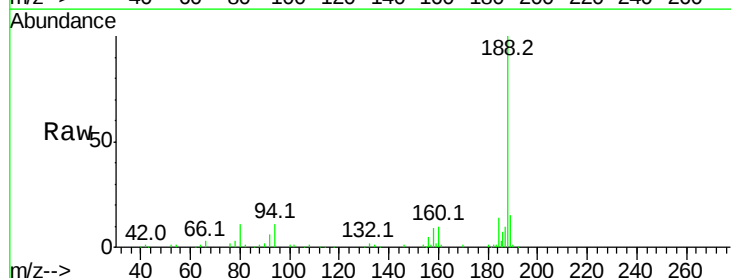
Instrument :  
 BNA\_F  
 ClientSampled :

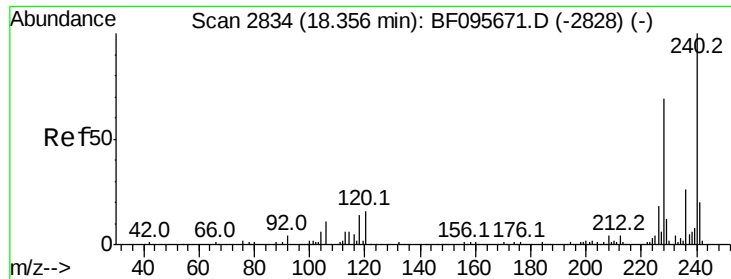
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 0.0   | 34.3  | 51.5# |
| 89      | 0.0   | 37.1  | 55.7# |



#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 14.56 min Scan# 2206  
 Delta R.T. -0.01 min  
 Lab File: BF095980.D  
 Acq: 17 Jun 2017 5:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.8  | 9.4   | 14.2  |
| 80      | 11.5  | 10.2  | 15.2  |

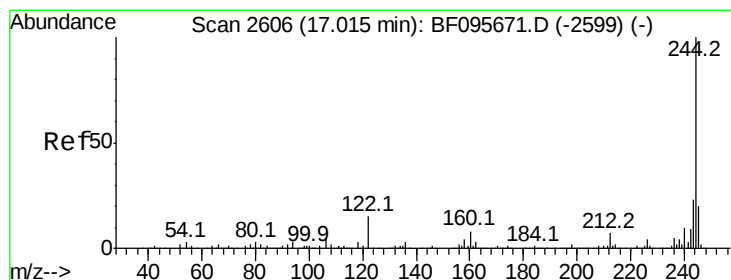
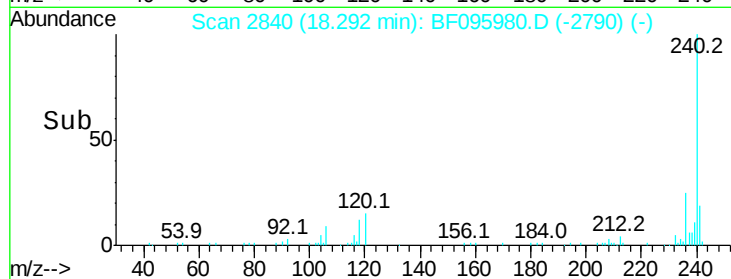
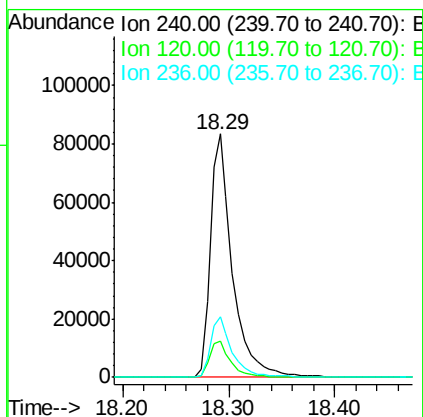
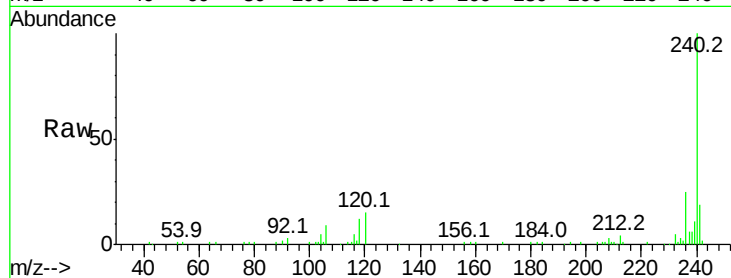




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.29 min Scan# 2840  
 Delta R.T. -0.01 min  
 Lab File: BF095980.D  
 Acq: 17 Jun 2017 5:30

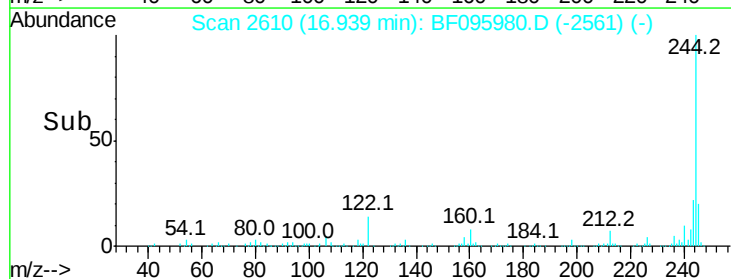
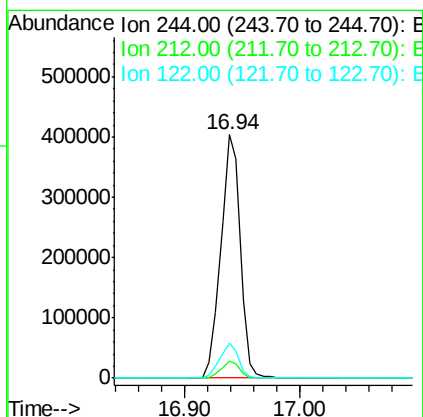
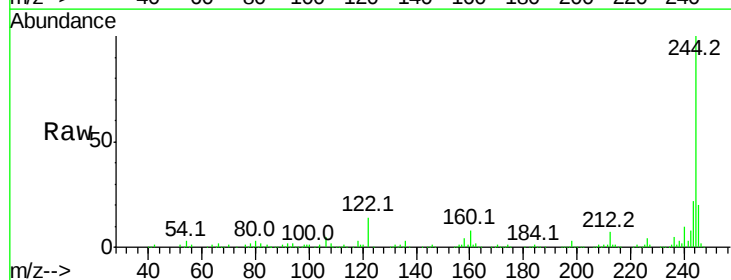
Instrument :  
 BNA\_F  
 ClientSampled :

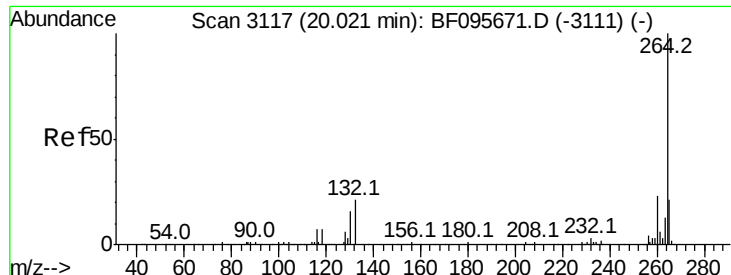
Tot Ion:240 Resp: 121528  
 Ion Ratio Lower Upper  
 240 100  
 120 14.9 5.8 8.8#  
 236 25.1 20.5 30.7



#78  
 Terphenyl-d14  
 Concen: 96.12 ng  
 RT: 16.94 min Scan# 2610  
 Delta R.T. -0.01 min  
 Lab File: BF095980.D  
 Acq: 17 Jun 2017 5:30

Tgt Ion:244 Resp: 470671  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 6.0 9.0  
 122 14.3 10.3 15.5

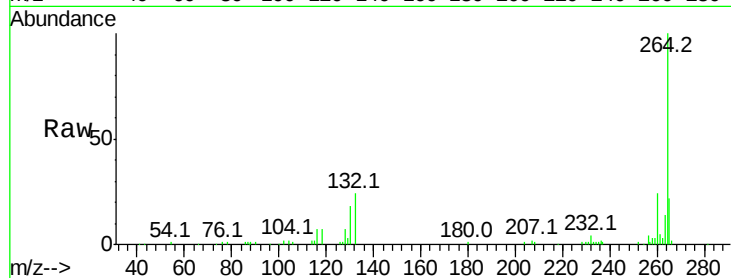




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 19.96 min Scan# 3124  
 Delta R.T. 0.00 min  
 Lab File: BF095980.D  
 Acq: 17 Jun 2017 5:30

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 264 Resp: 115371  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 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

