

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\  
 Data File : BF095989.D  
 Acq On : 17 Jun 2017 10:22  
 Operator : SJ/MA  
 Sample : I3683-06  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 19 01:09:36 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

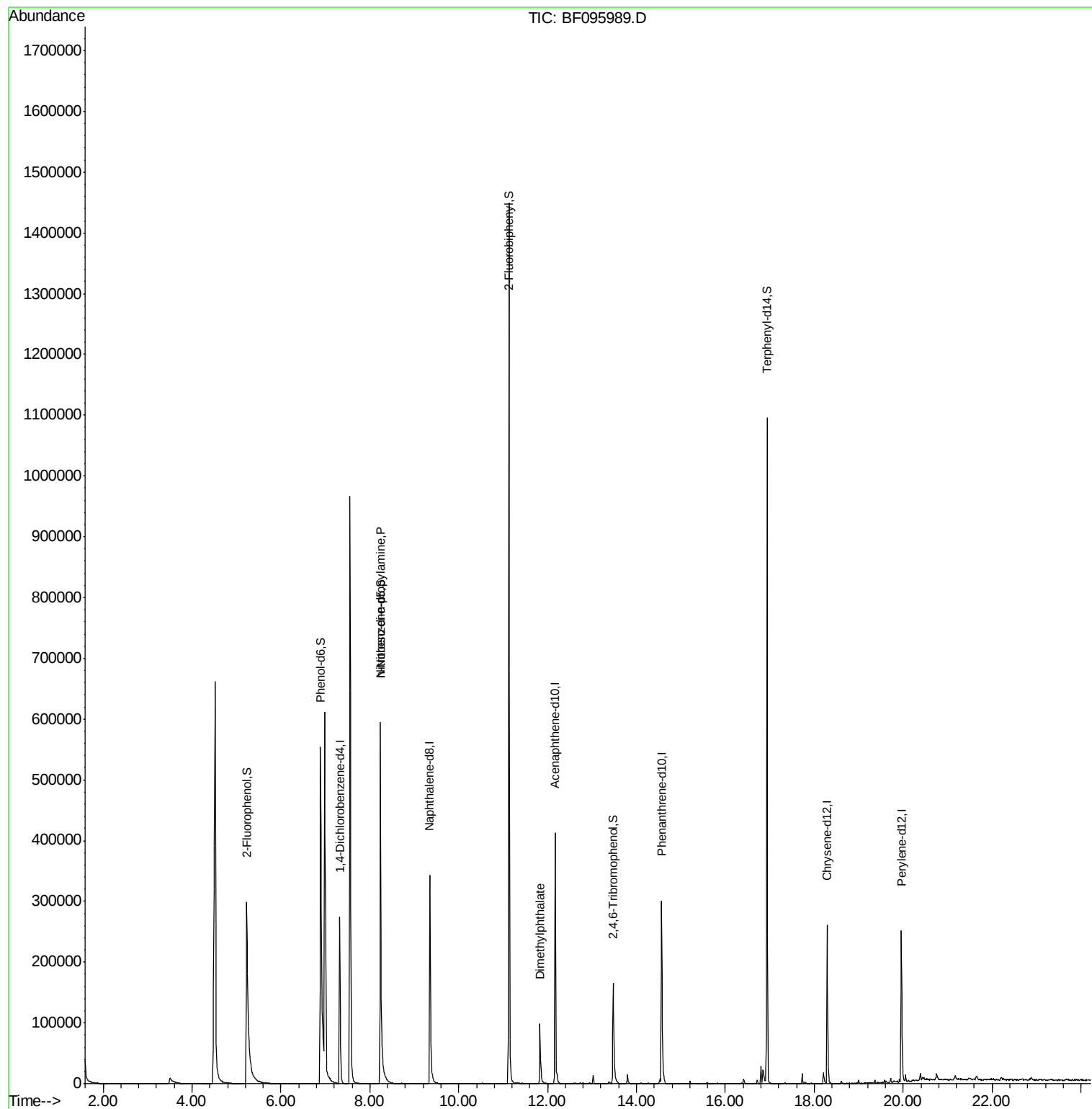
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.32  | 152  | 70225    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 9.35  | 136  | 286776   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10           | 12.17 | 164  | 122685   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10           | 14.56 | 188  | 184305   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12               | 18.29 | 240  | 138749   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12               | 19.96 | 264  | 130190   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.23  | 112  | 284721   | 64.61 | ng    | 0.01     |
| 7) Phenol-d6                   | 6.89  | 99   | 477161   | 90.44 | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 8.24  | 82   | 342908   | 74.26 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 13.47 | 330  | 42201    | 38.88 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 11.13 | 172  | 671099   | 76.12 | ng    | 0.00     |
| 78) Terphenyl-d14              | 16.94 | 244  | 409754   | 73.29 | ng    | -0.01    |
| Target Compounds               |       |      |          |       |       |          |
| 19) n-Nitroso-di-n-propylamine | 8.24  | 70   | 40595    | 12.14 | ng    | # 76     |
| 49) Dimethylphthalate          | 11.83 | 163  | 85625    | 9.19  | ng    | # 95     |

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

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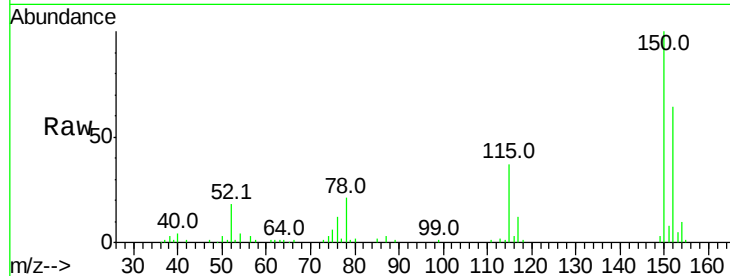


#1

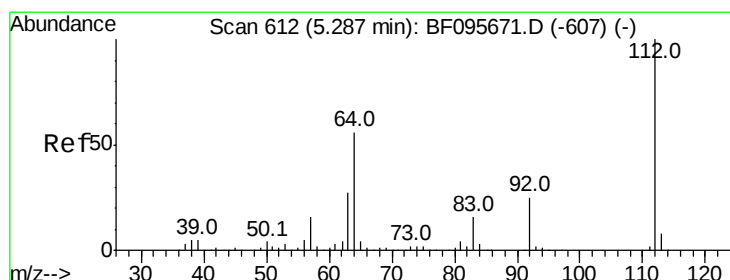
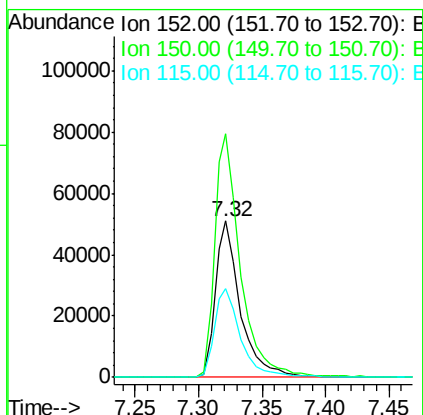
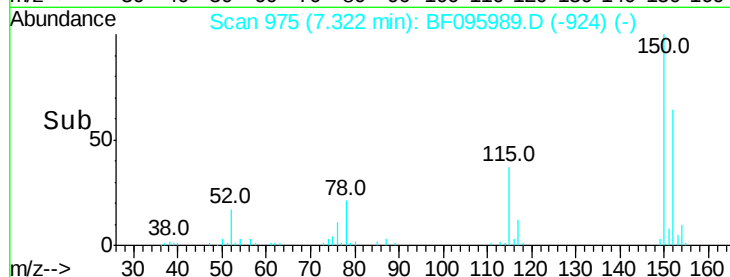
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.32 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: BF095989.D  
Acq: 17 Jun 2017 10:22

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 70225  
Ion Ratio Lower Upper  
152 100  
150 155.8 126.2 189.2  
115 57.0 52.2 78.2



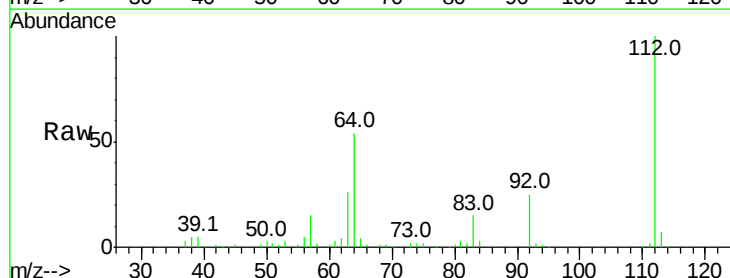
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



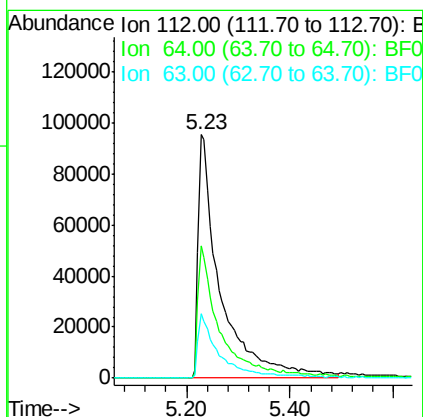
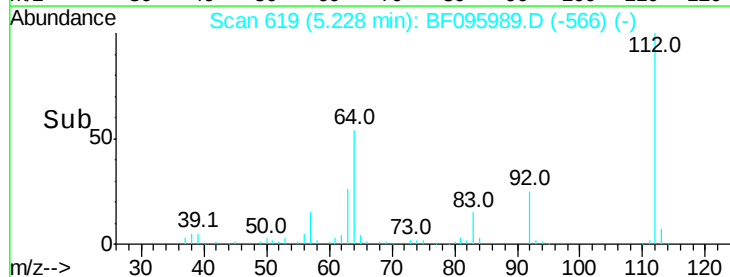
#5

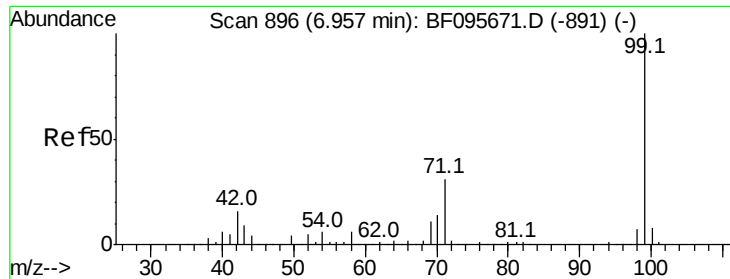
2-Fluorophenol  
Concen: 64.61 ng  
RT: 5.23 min Scan# 619  
Delta R.T. 0.01 min  
Lab File: BF095989.D  
Acq: 17 Jun 2017 10:22

Tgt Ion:112 Resp: 284721  
Ion Ratio Lower Upper  
112 100  
64 54.4 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: 90.44 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095989.D

Acq: 17 Jun 2017 10:22

Instrument :

BNA\_F

ClientSampleId :

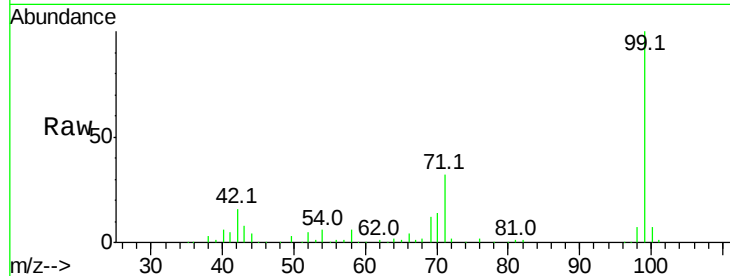
Tot Ion: 99 Resp: 477161

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

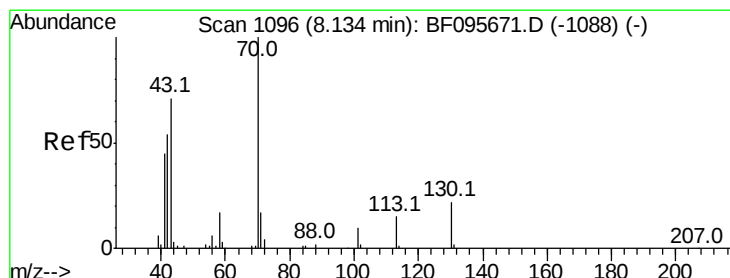
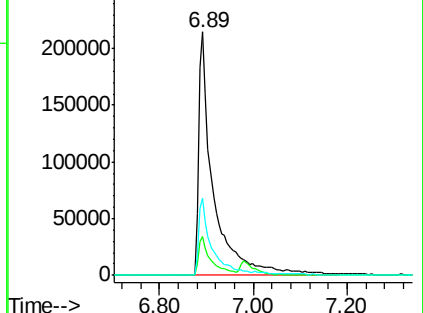
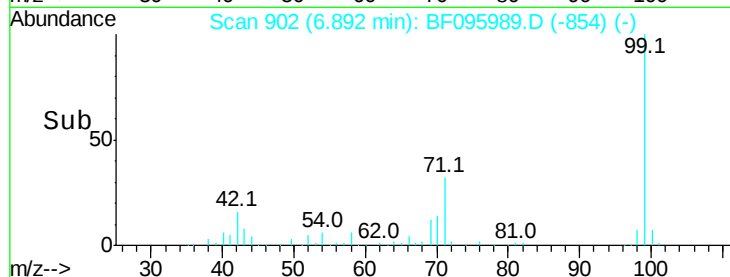
71 31.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.14 ng

RT: 8.24 min Scan# 1131

Delta R.T. 0.17 min

Lab File: BF095989.D

Acq: 17 Jun 2017 10:22

Tgt Ion: 70 Resp: 40595

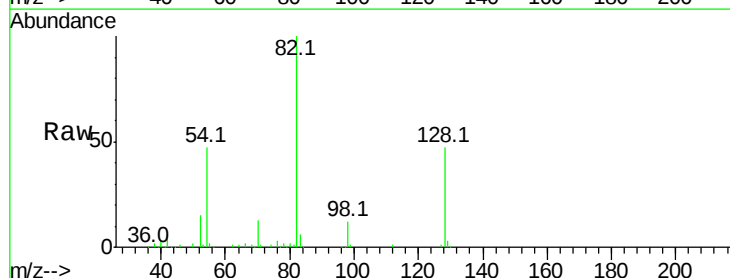
Ion Ratio Lower Upper

70 100

42 44.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#

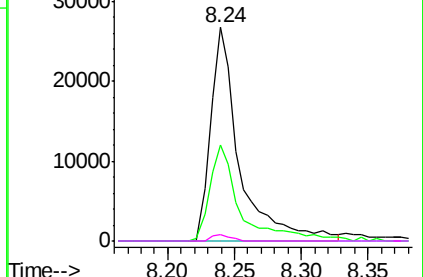
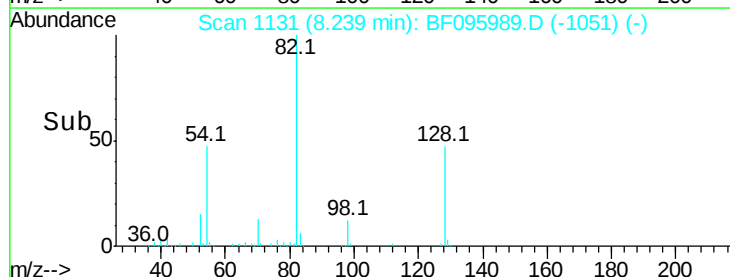


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095989.D

Acq: 17 Jun 2017 10:22

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 286776

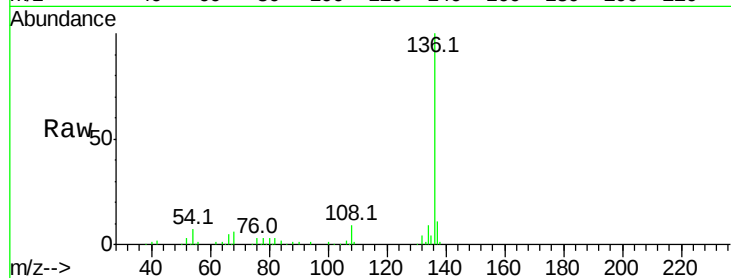
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1

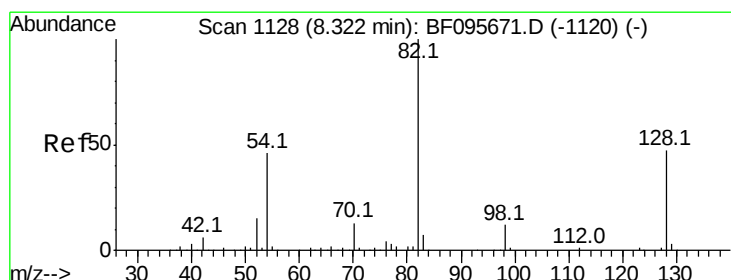
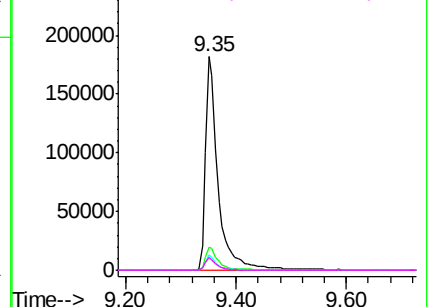
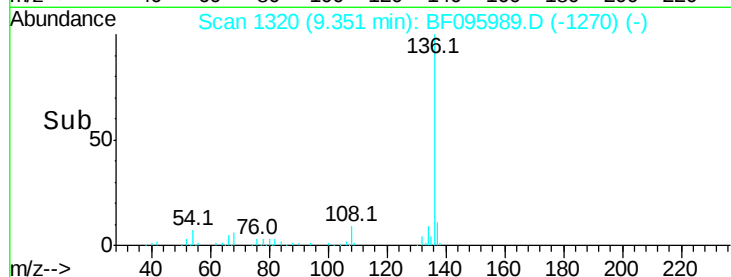


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.26 ng

RT: 8.24 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF095989.D

Acq: 17 Jun 2017 10:22

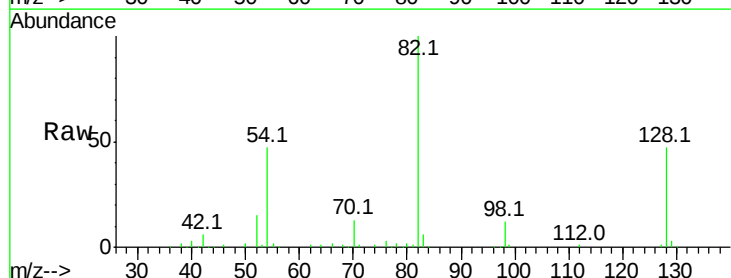
Tgt Ion: 82 Resp: 342908

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

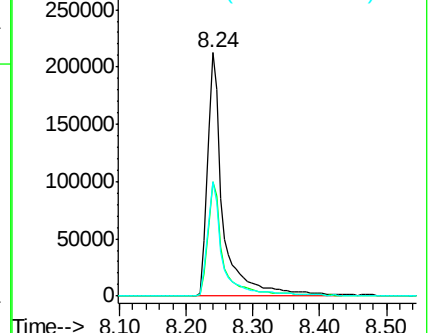
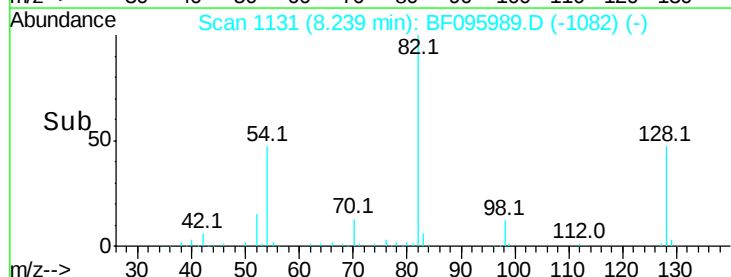
54 47.1 42.2 63.2



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

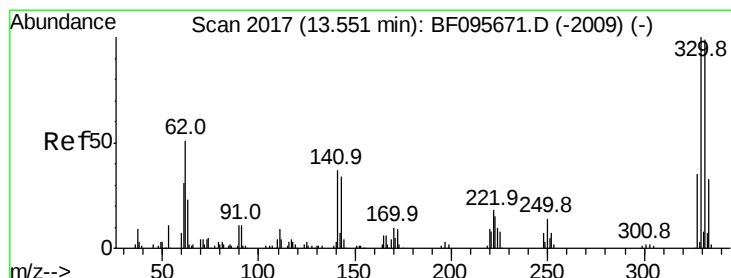
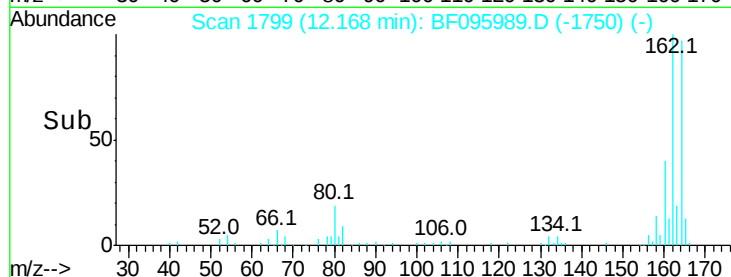
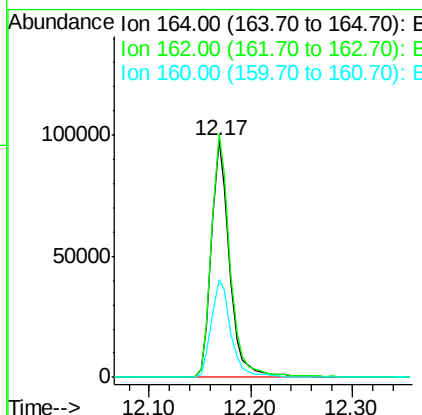
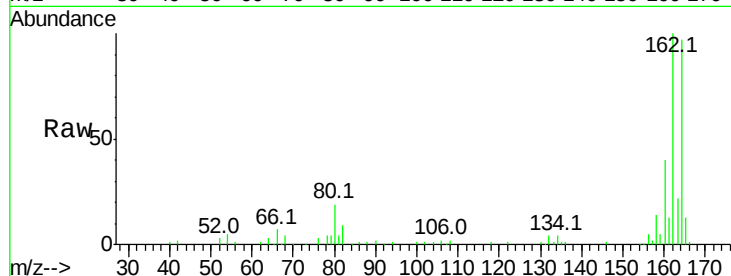




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 12.17 min Scan# 1799  
 Delta R.T. -0.01 min  
 Lab File: BF095989.D  
 Acq: 17 Jun 2017 10:22

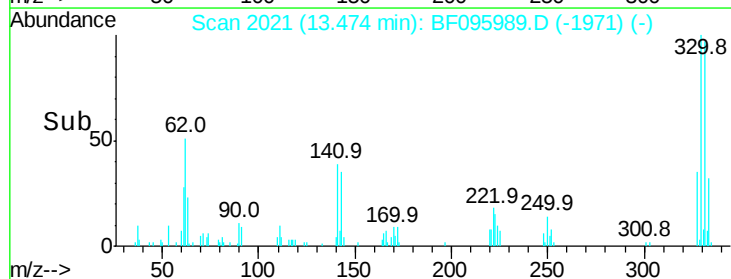
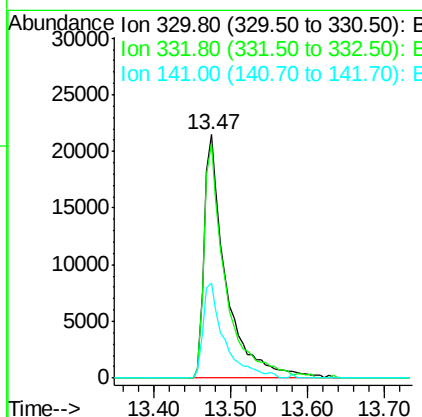
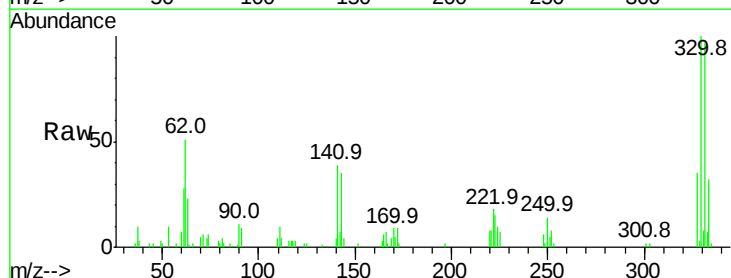
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:164 Resp: 122685  
 Ion Ratio Lower Upper  
 164 100  
 162 102.9 82.6 123.8  
 160 41.0 36.2 54.2



#41  
 2,4,6-Tribromophenol  
 Concen: 38.88 ng  
 RT: 13.47 min Scan# 2021  
 Delta R.T. -0.01 min  
 Lab File: BF095989.D  
 Acq: 17 Jun 2017 10:22

Tgt Ion:330 Resp: 42201  
 Ion Ratio Lower Upper  
 330 100  
 332 93.7 76.6 115.0  
 141 37.9 31.4 47.2

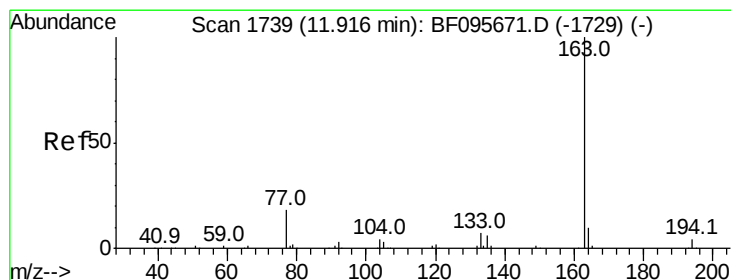
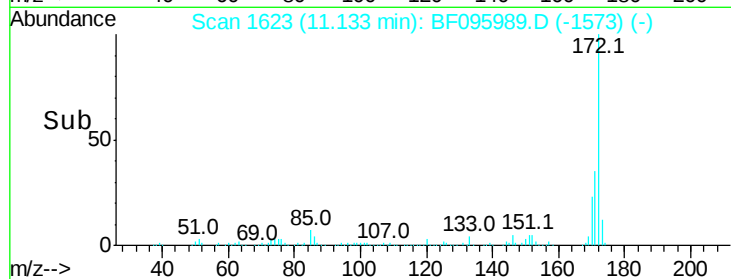
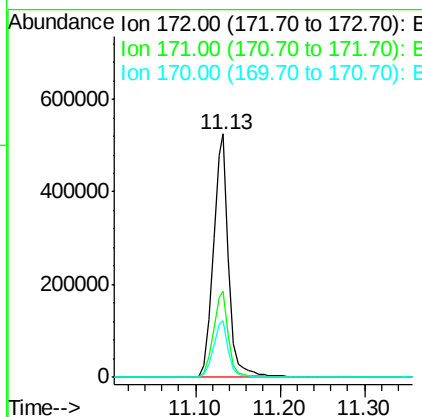
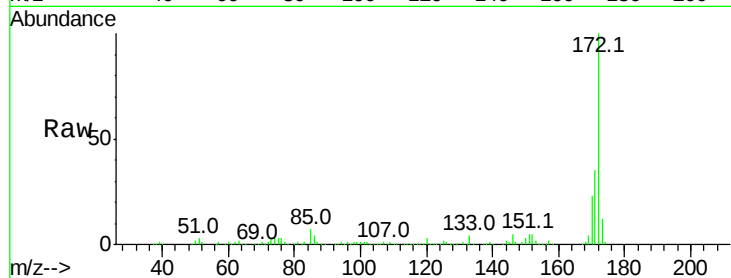




#44  
2-Fluorobiphenyl  
Concen: 76.12 ng  
RT: 11.13 min Scan# 1623  
Delta R.T. -0.01 min  
Lab File: BF095989.D  
Acq: 17 Jun 2017 10:22

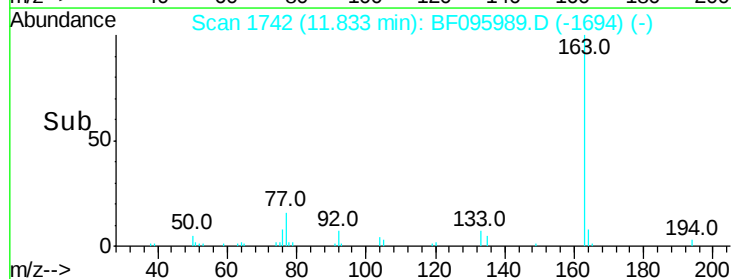
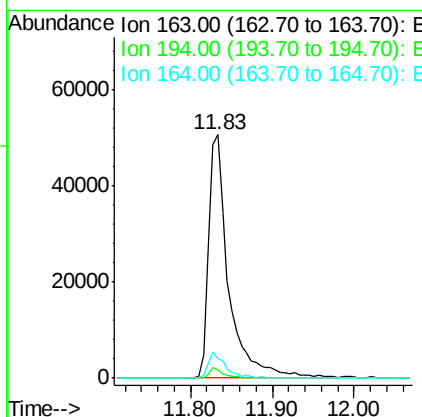
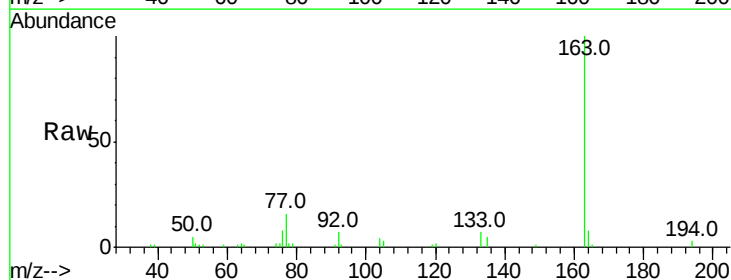
Instrument :  
BNA\_F  
ClientSampleId :

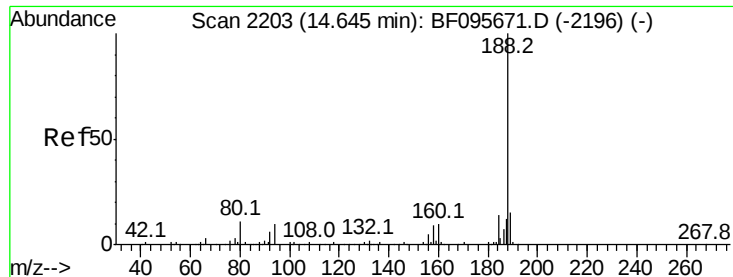
Tot Ion:172 Resp: 671099  
Ion Ratio Lower Upper  
172 100  
171 35.2 29.6 44.4  
170 23.3 19.8 29.8



#49  
Dimethylphthalate  
Concen: 9.19 ng  
RT: 11.83 min Scan# 1742  
Delta R.T. -0.02 min  
Lab File: BF095989.D  
Acq: 17 Jun 2017 10:22

Tgt Ion:163 Resp: 85625  
Ion Ratio Lower Upper  
163 100  
194 3.2 2.6 4.0  
164 8.3 8.4 12.6#

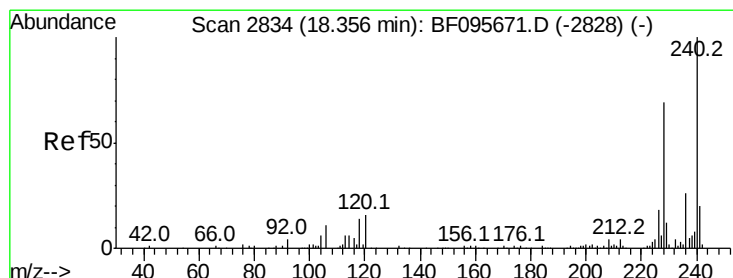
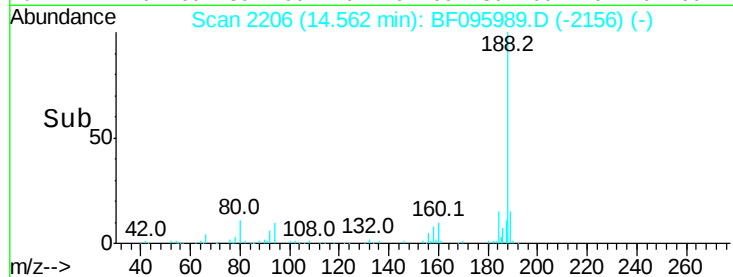
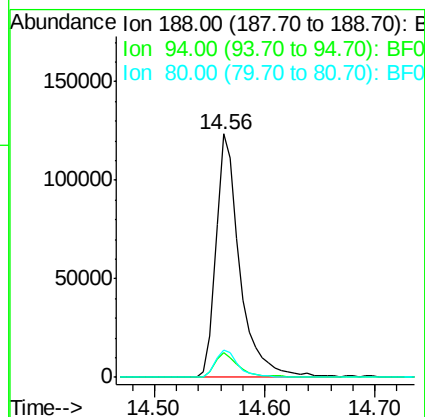
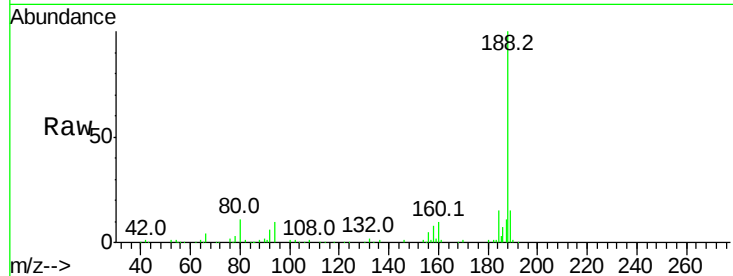




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.56 min Scan# 2206  
Delta R.T. -0.01 min  
Lab File: BF095989.D  
Acq: 17 Jun 2017 10:22

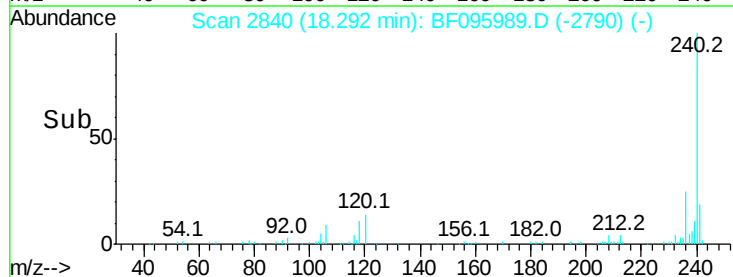
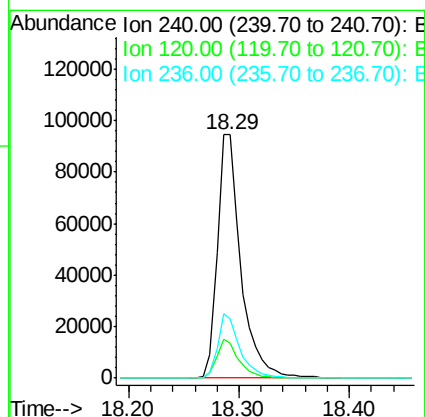
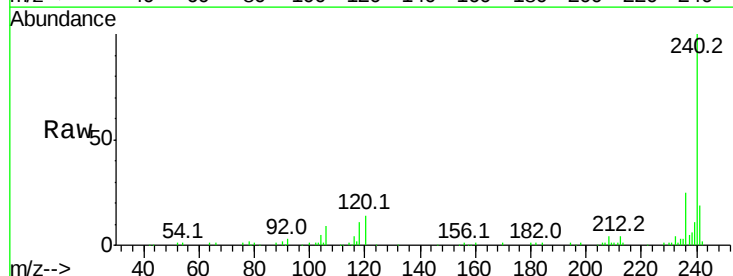
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:188 Resp: 184305  
Ion Ratio Lower Upper  
188 100  
94 10.0 9.4 14.2  
80 11.2 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: BF095989.D  
Acq: 17 Jun 2017 10:22

Tgt Ion:240 Resp: 138749  
Ion Ratio Lower Upper  
240 100  
120 14.3 5.8 8.8#  
236 24.6 20.5 30.7

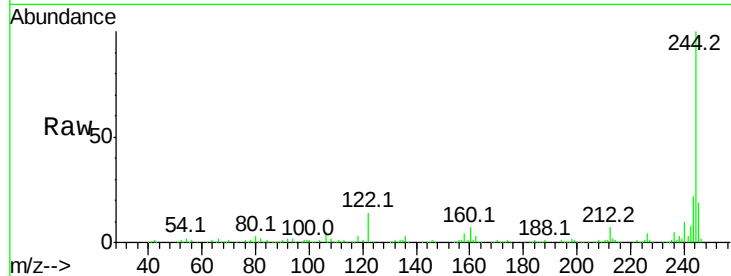




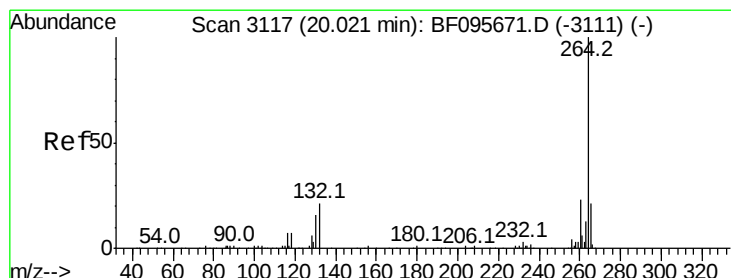
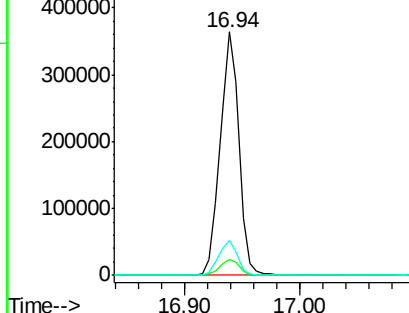
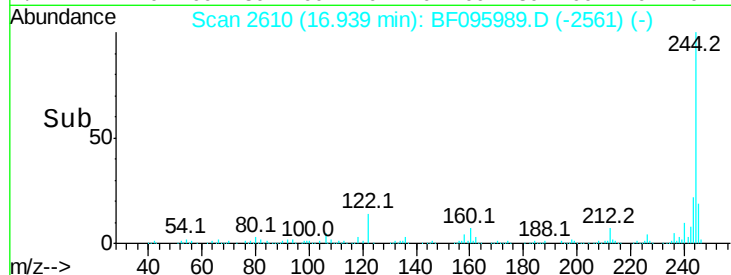
#78  
 Terphenyl-d14  
 Concen: 73.29 ng  
 RT: 16.94 min Scan# 2610  
 Delta R.T. -0.01 min  
 Lab File: BF095989.D  
 Acq: 17 Jun 2017 10:22

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:244 Resp: 409754  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 6.0 9.0  
 122 14.5 10.3 15.5

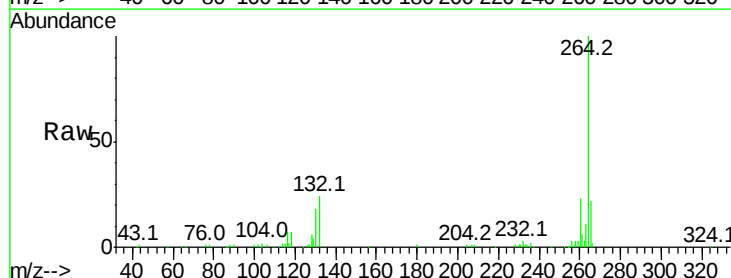


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 19.96 min Scan# 3123  
 Delta R.T. -0.01 min  
 Lab File: BF095989.D  
 Acq: 17 Jun 2017 10:22

Tgt Ion:264 Resp: 130190  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 19.5 29.3  
 265 21.7 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

