

Data File : BF095828.D  
Acq On : 9 Jun 2017 18:48  
Operator : SJ/MA  
Sample : I3566-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-COMP(0-10)

Quant Time: Jun 10 01:24:43 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      | 7.37  | 152  | 62799    | 20.00  | ng    | -0.03    |
| 21) Naphthalene-d8             | 9.40  | 136  | 259969   | 20.00  | ng    | -0.04    |
| 38) Acenaphthene-d10           | 12.22 | 164  | 116522   | 20.00  | ng    | -0.04    |
| 63) Phenanthrene-d10           | 14.62 | 188  | 214098   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12               | 18.33 | 240  | 187661   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12               | 20.00 | 264  | 118765   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.26  | 112  | 579975   | 147.16 | ng    | -0.02    |
| 7) Phenol-d6                   | 6.93  | 99   | 721784   | 152.98 | ng    | -0.03    |
| 23) Nitrobenzene-d5            | 8.29  | 82   | 410858   | 98.15  | ng    | -0.04    |
| 41) 2,4,6-Tribromophenol       | 13.52 | 330  | 151862   | 147.30 | ng    | -0.04    |
| 44) 2-Fluorobiphenyl           | 11.18 | 172  | 748288   | 89.37  | ng    | -0.04    |
| 78) Terphenyl-d14              | 16.99 | 244  | 674458   | 89.19  | ng    | -0.02    |
| Target Compounds               |       |      |          |        |       |          |
| 10) Phenol                     | 6.95  | 94   | 16276    | 3.33   | ng    | # 73     |
| 19) n-Nitroso-di-n-propylamine | 8.29  | 70   | 50801    | 16.99  | ng    | # 77     |
| 49) Dimethylphthalate          | 11.87 | 163  | 99911    | 11.29  | ng    | 99       |

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

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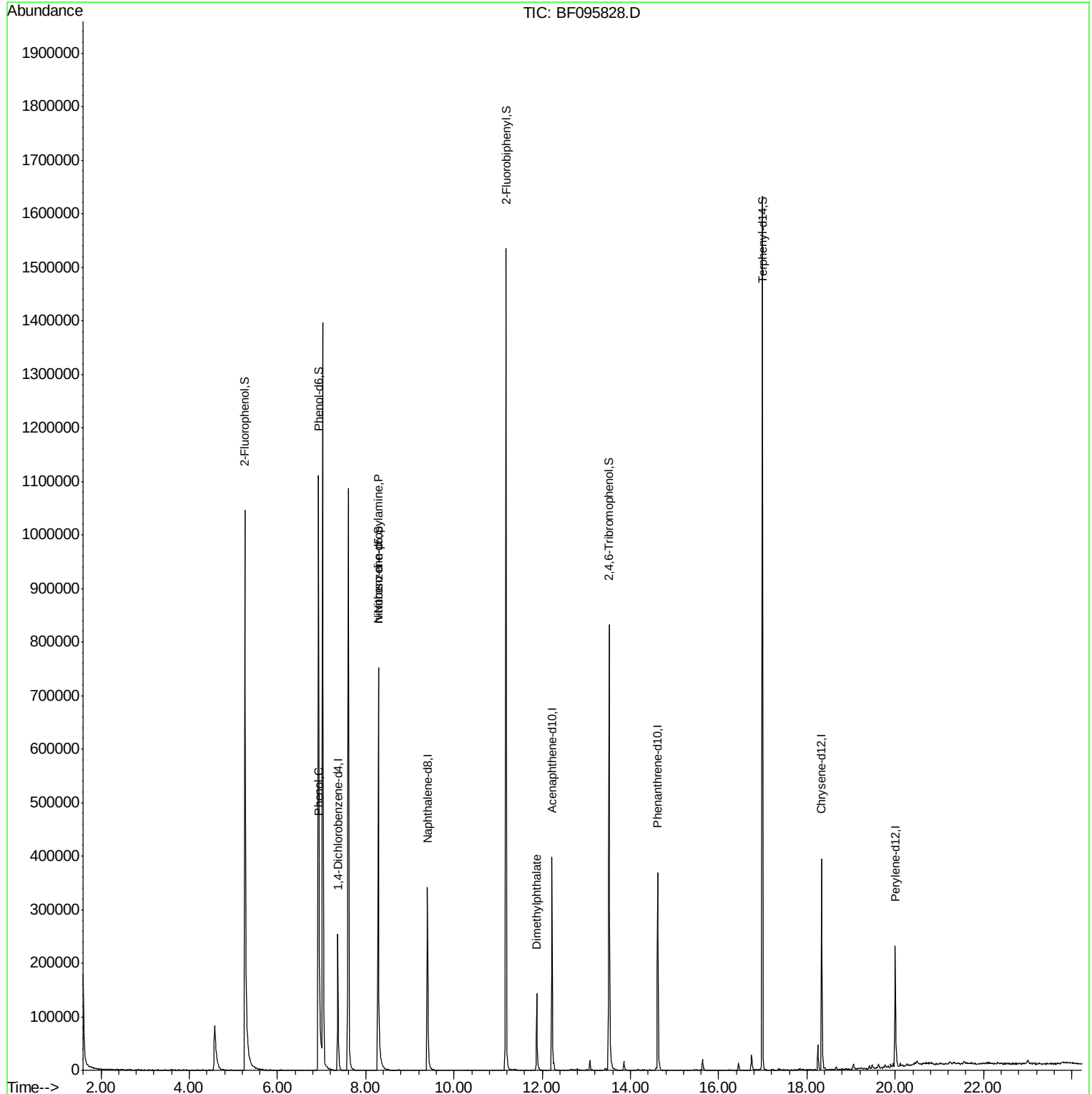
Quant Time: Jun 10 01:24:43 2017

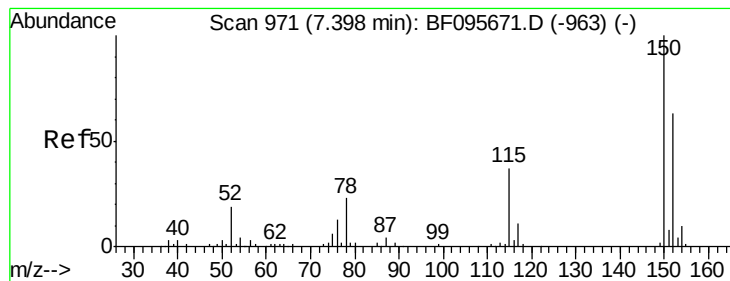
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.M

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: 20.00 ng

RT: 7.37 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF095828.D

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Instrument :

BNA\_F

ClientSampleId :

SB-02-COMP(0-10)

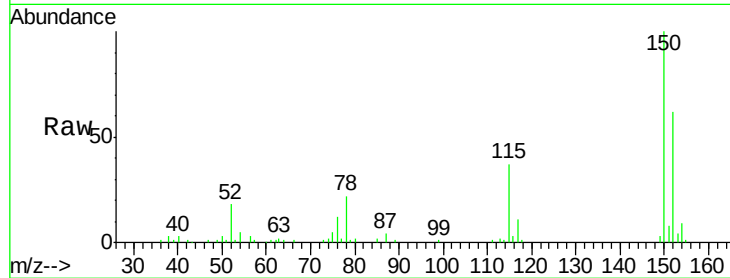
Tgt Ion:152 Resp: 62799

Ion Ratio Lower Upper

152 100

150 160.1 126.2 189.2

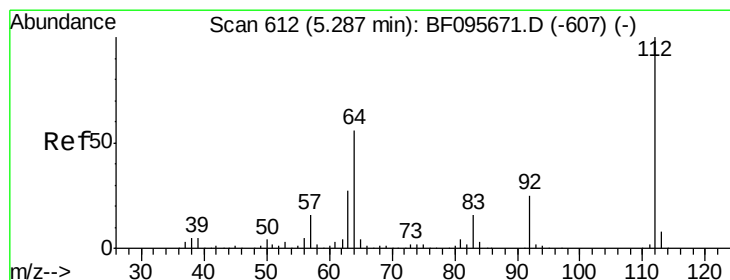
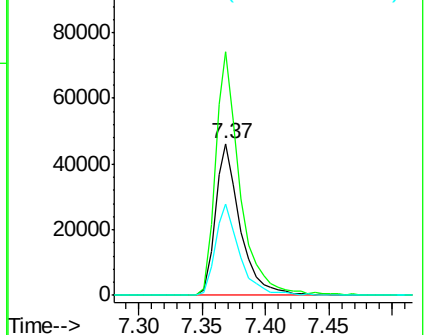
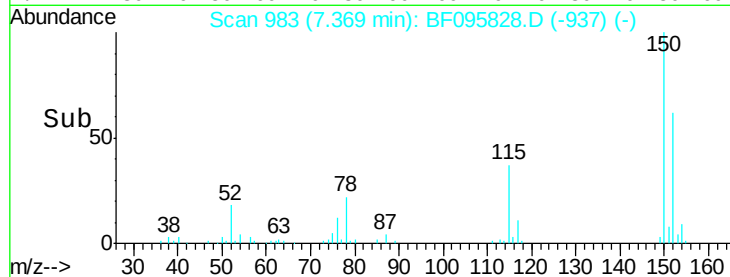
115 59.8 52.2 78.2



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: 147.16 ng

RT: 5.26 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF095828.D

Acq: 9 Jun 2017 18:48

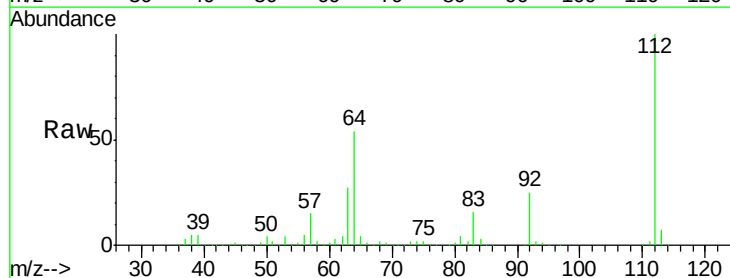
Tgt Ion:112 Resp: 579975

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

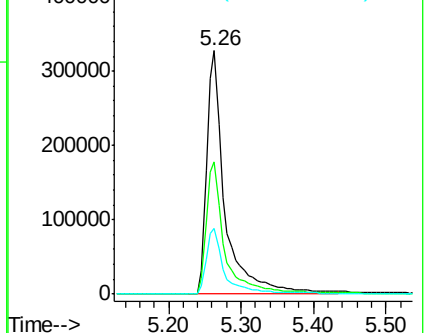
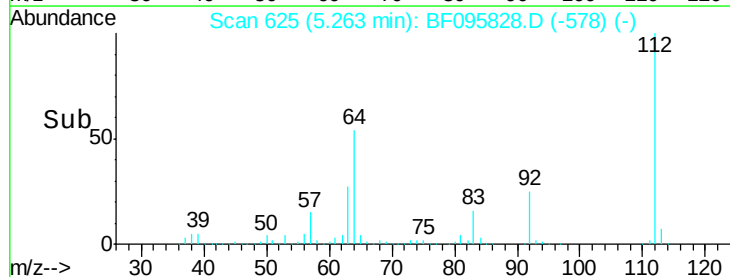
63 27.1 23.4 35.0

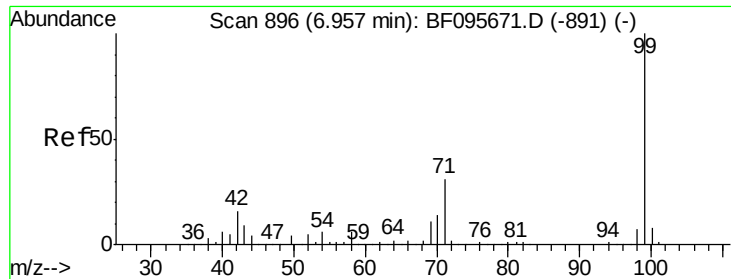


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 152.98 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095828.D

Acq: 9 Jun 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

SB-02-COMP(0-10)

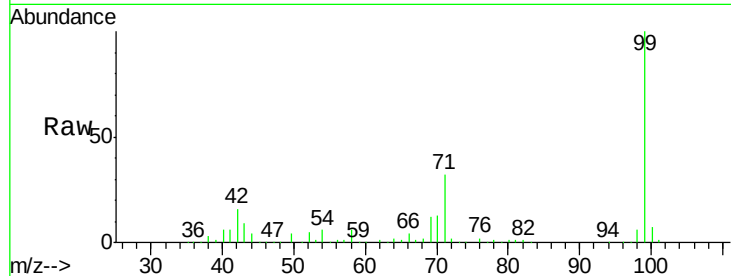
Tgt Ion: 99 Resp: 721784

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

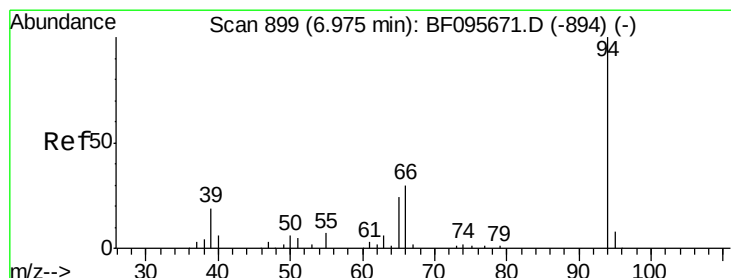
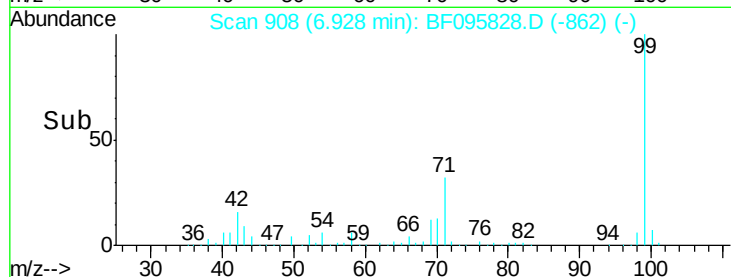
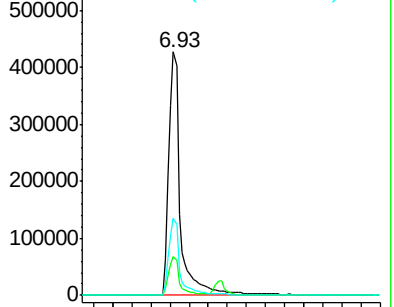
71 31.6 24.5 36.7



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



#10

Phenol

Concen: 3.33 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095828.D

Acq: 9 Jun 2017 18:48

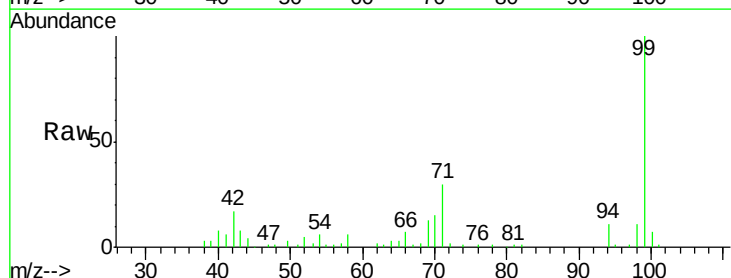
Tgt Ion: 94 Resp: 16276

Ion Ratio Lower Upper

94 100

65 32.8 9.9 49.9

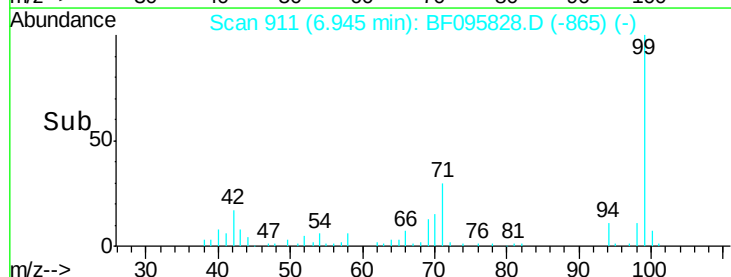
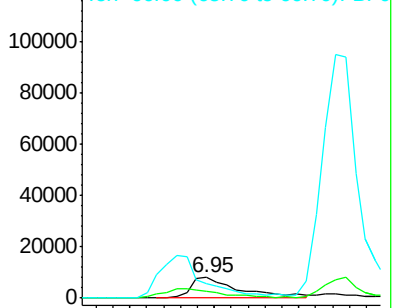
66 69.7 23.1 63.1#

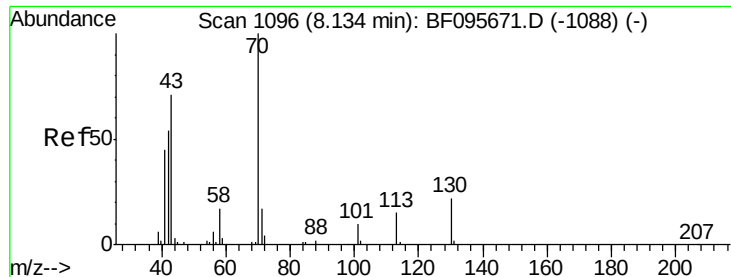


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

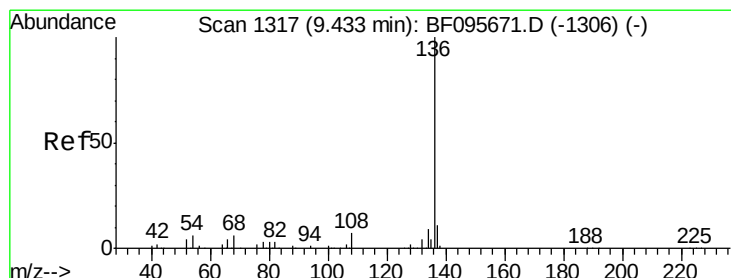
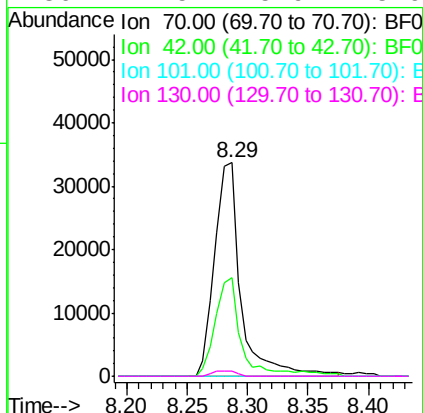
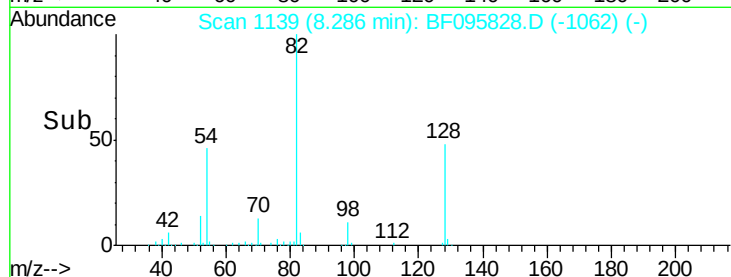
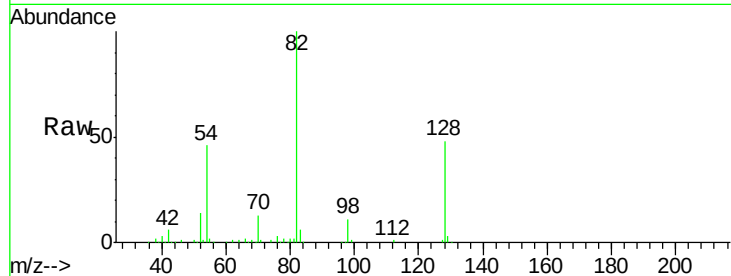




#19  
n-Nitroso-di-n-propylamine  
Concen: 16.99 ng  
RT: 8.29 min Scan# 1139  
Delta R.T. 0.15 min  
Lab File: BF095828.D  
Acq: 9 Jun 2017 18:48

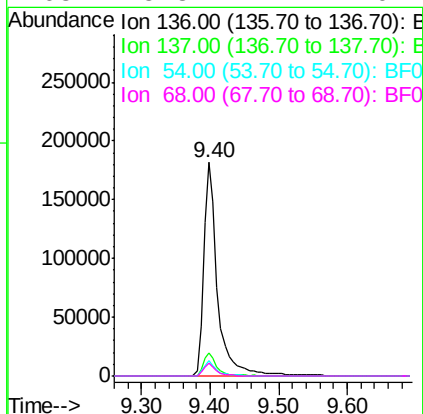
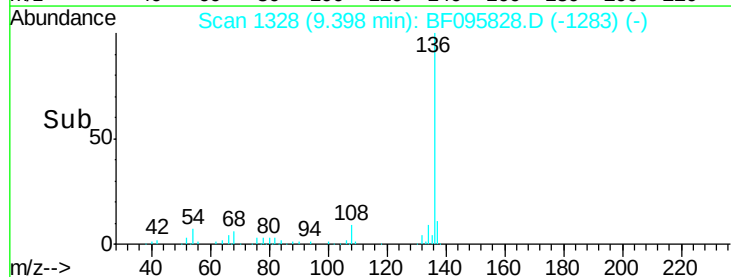
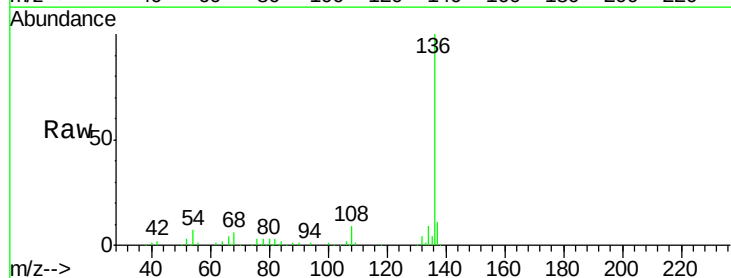
Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-COMP(0-10)

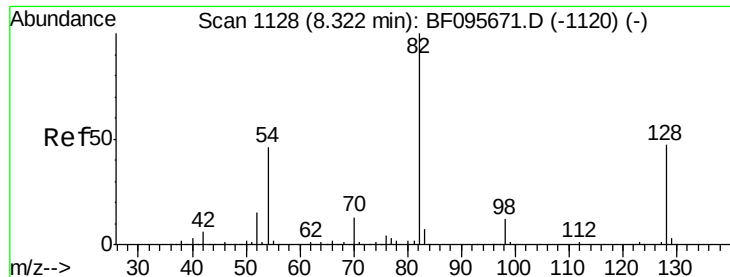
Tgt Ion: 70 Resp: 50801  
Ion Ratio Lower Upper  
70 100  
42 46.0 47.2 70.8#  
101 0.0 7.2 10.8#  
130 2.5 15.9 23.9#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.40 min Scan# 1328  
Delta R.T. -0.04 min  
Lab File: BF095828.D  
Acq: 9 Jun 2017 18:48

Tgt Ion: 136 Resp: 259969  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.5 12.7  
54 7.3 4.9 7.3  
68 5.8 4.1 6.1

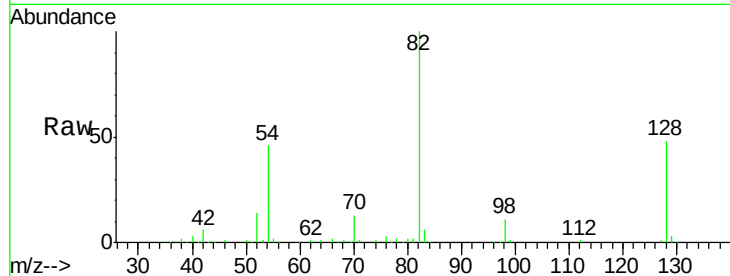




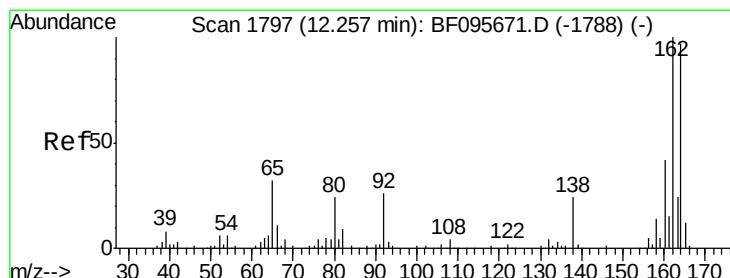
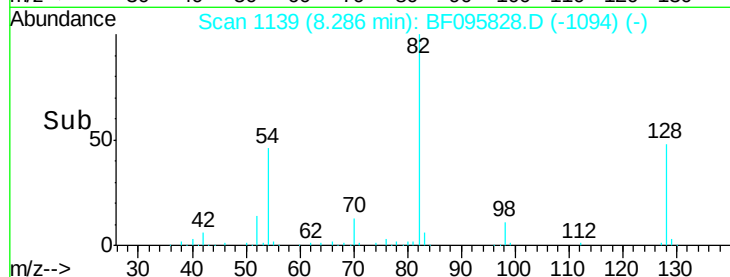
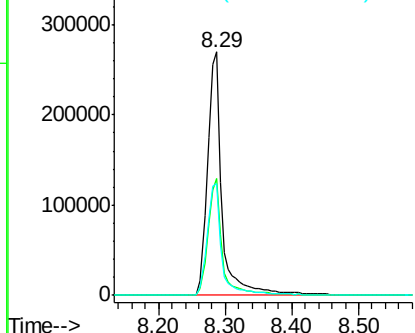
#23  
 Nitrobenzene-d5  
 Concen: 98.15 ng  
 RT: 8.29 min Scan# 1139  
 Delta R.T. -0.04 min  
 Lab File: BF095828.D  
 Acq: 9 Jun 2017 18:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-02-COMP(0-10)

Tgt Ion: 82 Resp: 410858  
 Ion Ratio Lower Upper  
 82 100  
 128 48.0 34.0 51.0  
 54 46.1 42.2 63.2

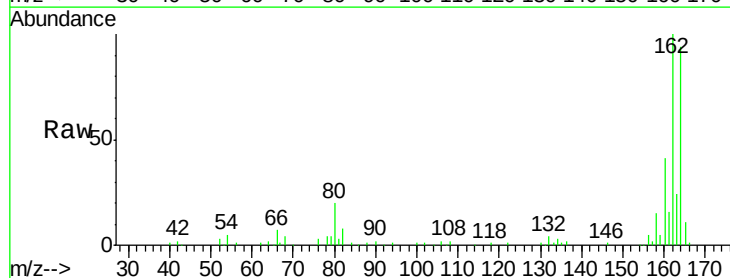


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

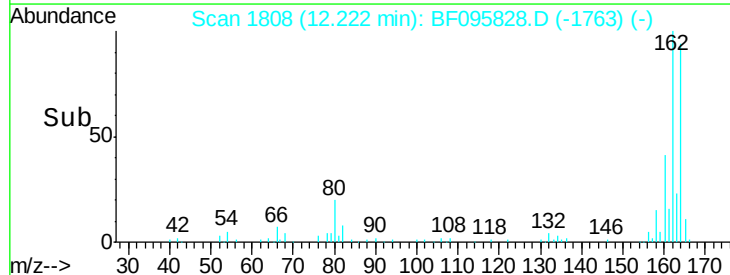
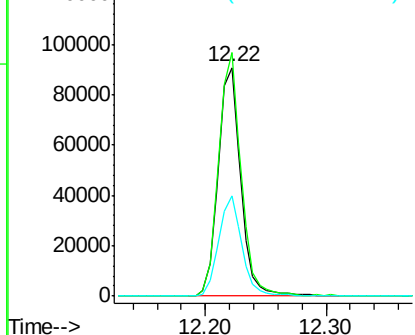


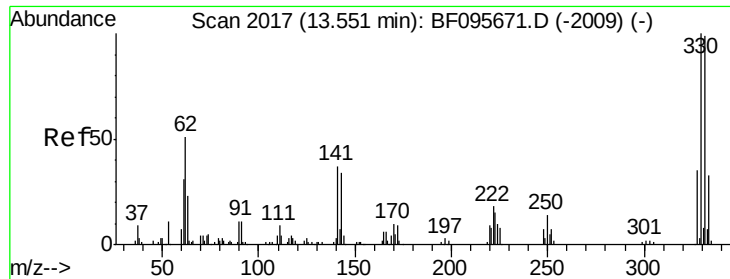
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 12.22 min Scan# 1808  
 Delta R.T. -0.04 min  
 Lab File: BF095828.D  
 Acq: 9 Jun 2017 18:48

Tgt Ion: 164 Resp: 116522  
 Ion Ratio Lower Upper  
 164 100  
 162 106.4 82.6 123.8  
 160 43.9 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

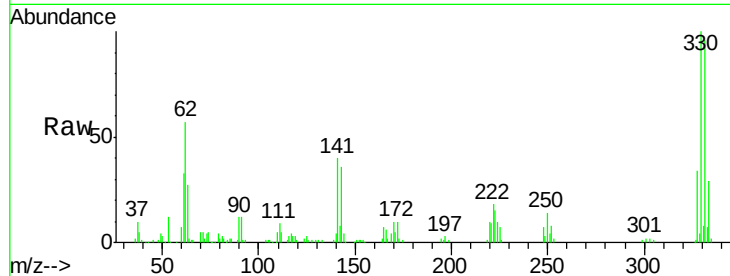




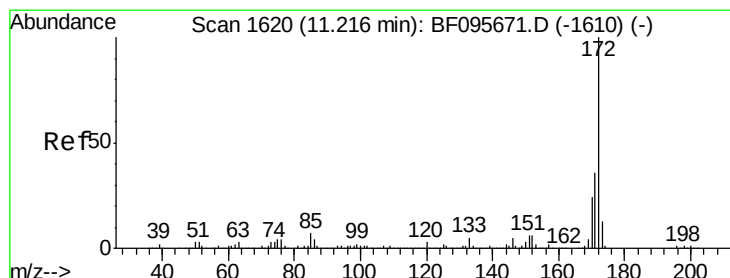
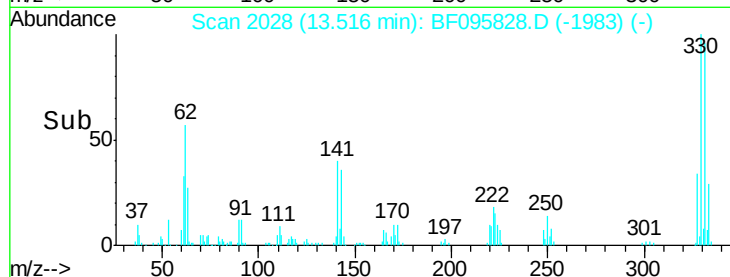
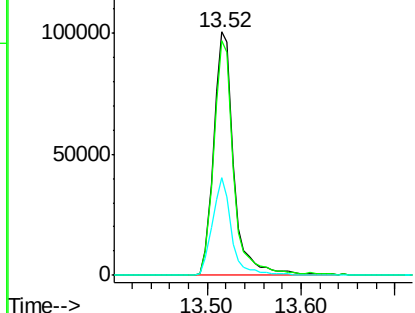
#41  
 2,4,6-Tribromophenol  
 Concen: 147.30 ng  
 RT: 13.52 min Scan# 2028  
 Delta R.T. -0.04 min  
 Lab File: BF095828.D  
 Acq: 9 Jun 2017 18:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-02-COMP(0-10)

Tgt Ion:330 Resp: 151862  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 76.6 115.0  
 141 38.6 31.4 47.2

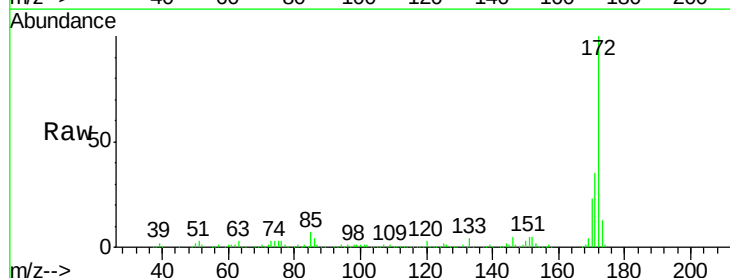


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

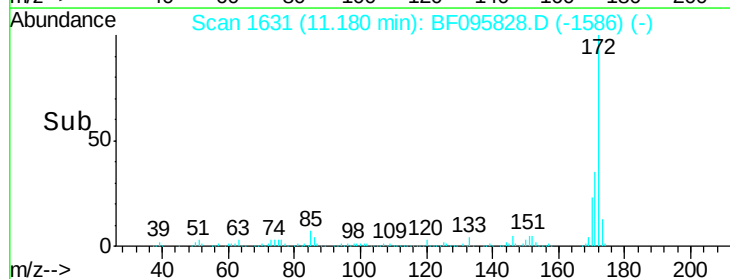
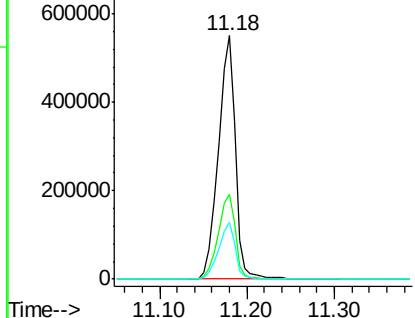


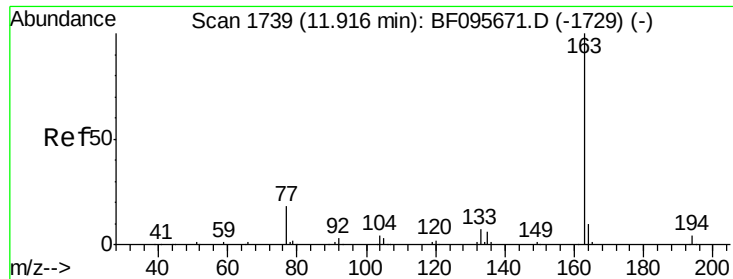
#44  
 2-Fluorobiphenyl  
 Concen: 89.37 ng  
 RT: 11.18 min Scan# 1631  
 Delta R.T. -0.04 min  
 Lab File: BF095828.D  
 Acq: 9 Jun 2017 18:48

Tgt Ion:172 Resp: 748288  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 29.6 44.4  
 170 23.2 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

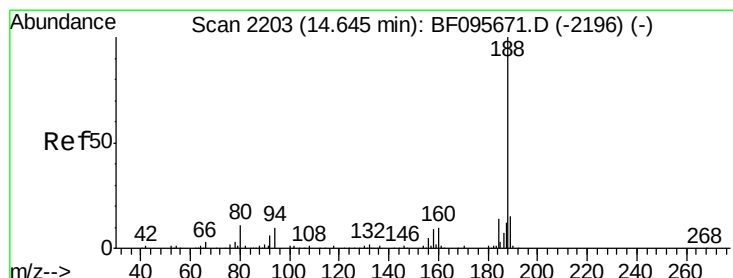
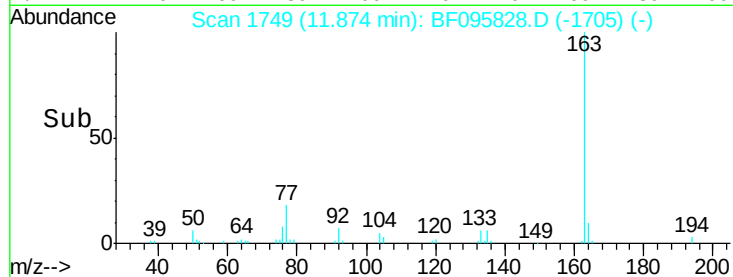
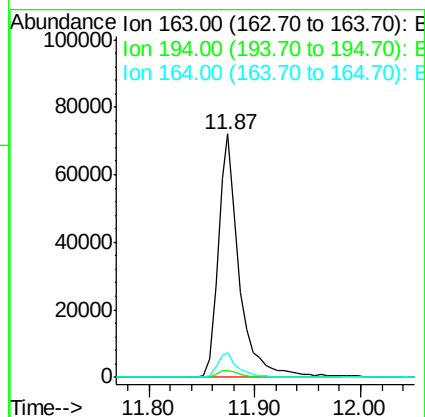
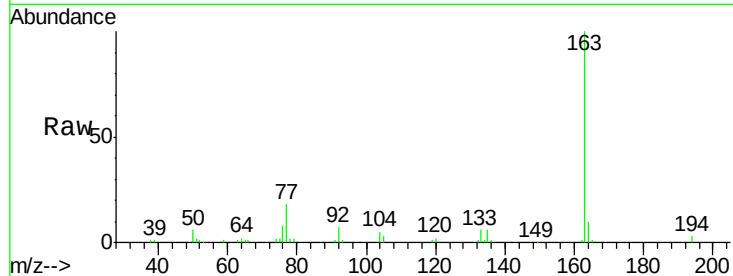




#49  
Dimethylphthalate  
Concen: 11.29 ng  
RT: 11.87 min Scan# 1749  
Delta R.T. -0.04 min  
Lab File: BF095828.D  
Acq: 9 Jun 2017 18:48

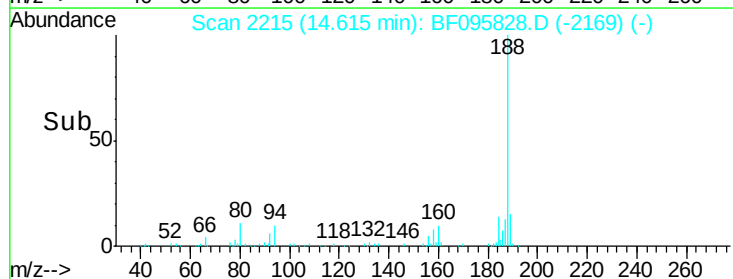
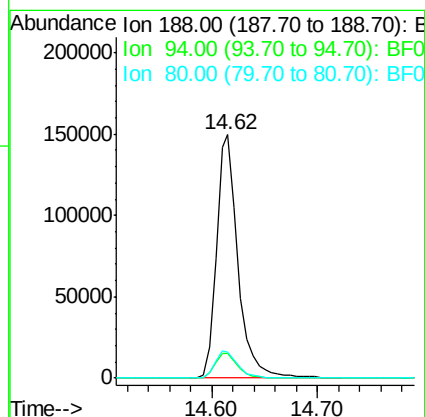
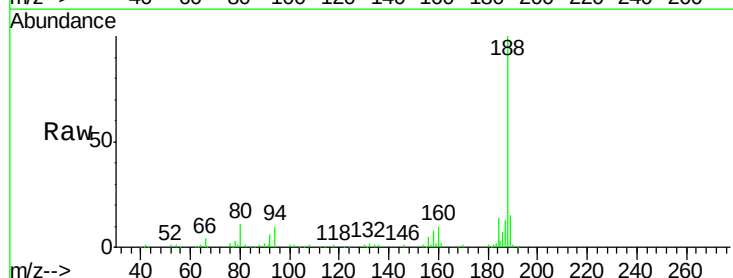
Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-COMP(0-10)

Tgt Ion:163 Resp: 99911  
Ion Ratio Lower Upper  
163 100  
194 3.0 2.6 4.0  
164 10.1 8.4 12.6

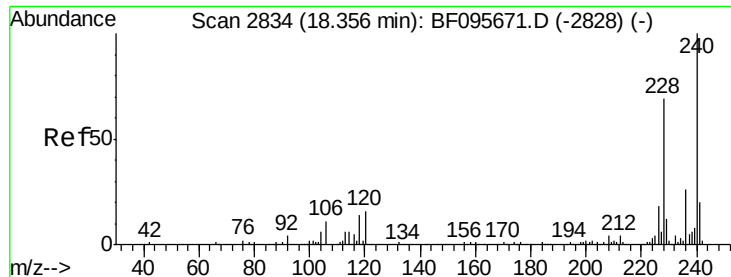


#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.62 min Scan# 2215  
Delta R.T. -0.03 min  
Lab File: BF095828.D  
Acq: 9 Jun 2017 18:48

Tgt Ion:188 Resp: 214098  
Ion Ratio Lower Upper  
188 100  
94 10.0 9.4 14.2  
80 10.5 10.2 15.2







#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095828.D

Acq: 9 Jun 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

SB-02-COMP(0-10)

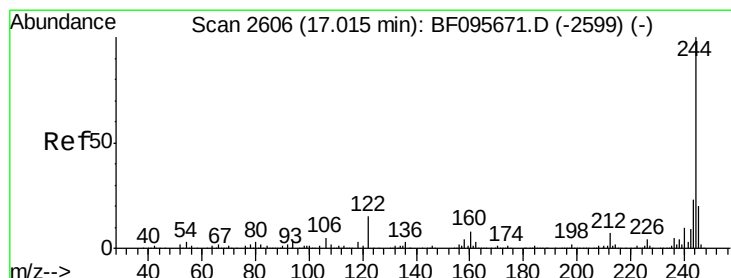
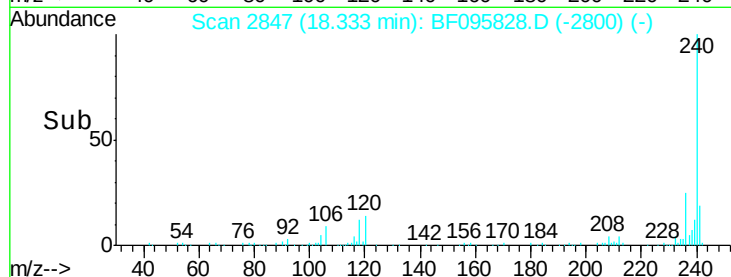
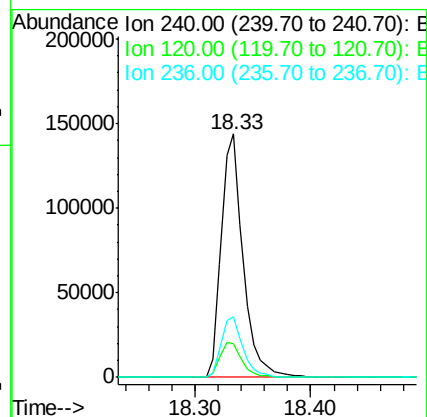
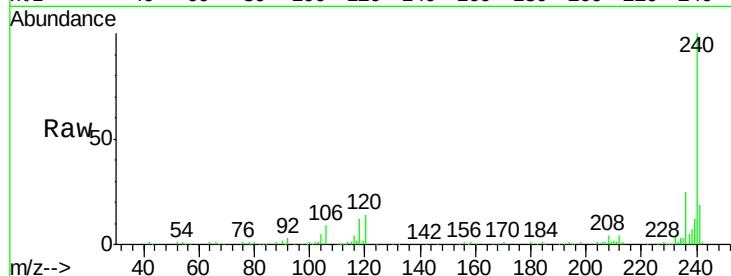
Tgt Ion:240 Resp: 187661

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

236 24.6 20.5 30.7



#78

Terphenyl-d14

Concen: 89.19 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095828.D

Acq: 9 Jun 2017 18:48

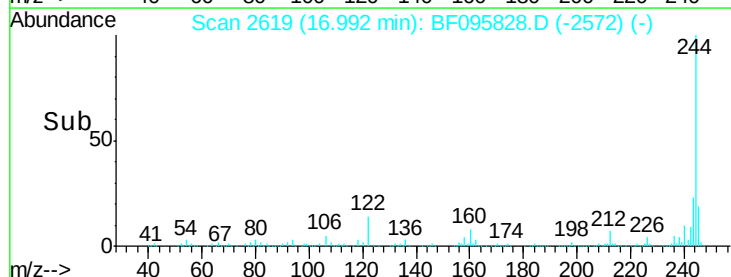
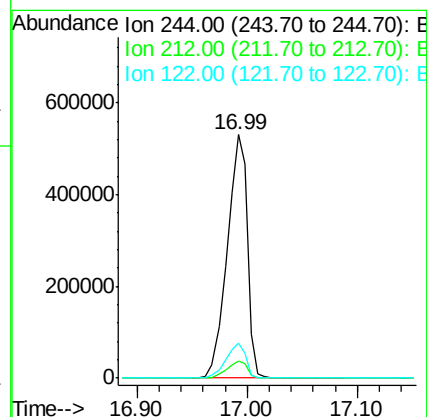
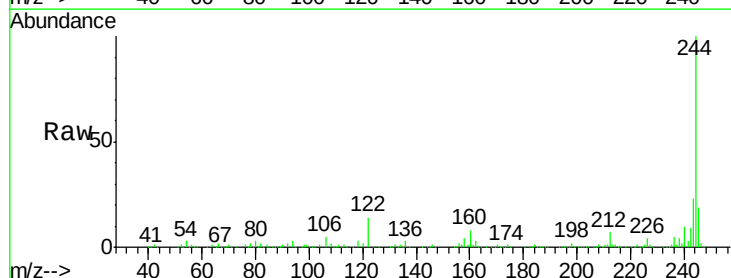
Tgt Ion:244 Resp: 674458

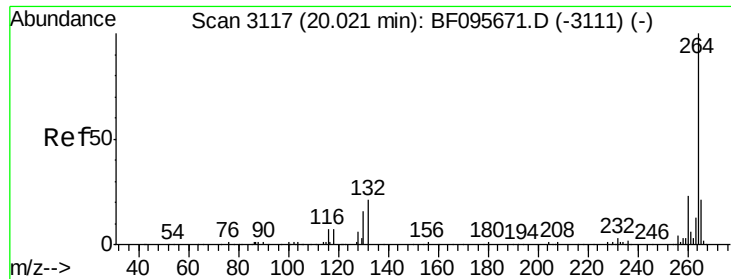
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 14.5 10.3 15.5

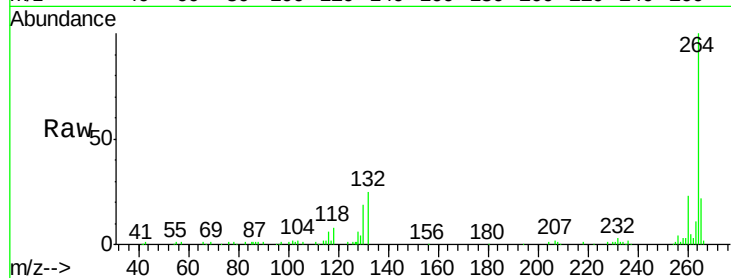




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 20.00 min Scan# 3130  
Delta R.T. -0.02 min  
Lab File: BF095828.D  
Acq: 9 Jun 2017 18:48

Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-COMP(0-10)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 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

