

Data File : BF095832.D  
Acq On : 9 Jun 2017 20:57  
Operator : SJ/MA  
Sample : I3566-14  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-08-COMP(0-10)

Quant Time: Jun 10 01:26:29 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  | 68285    | 20.00  | ng    | -0.03    |
| 21) Naphthalene-d8             | 9.40  | 136  | 285293   | 20.00  | ng    | -0.04    |
| 38) Acenaphthene-d10           | 12.22 | 164  | 132963   | 20.00  | ng    | -0.04    |
| 63) Phenanthrene-d10           | 14.62 | 188  | 248238   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12               | 18.33 | 240  | 211924   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12               | 20.00 | 264  | 140703   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.26  | 112  | 591888   | 138.12 | ng    | -0.03    |
| 7) Phenol-d6                   | 6.93  | 99   | 754162   | 147.00 | ng    | -0.03    |
| 23) Nitrobenzene-d5            | 8.29  | 82   | 428018   | 93.17  | ng    | -0.04    |
| 41) 2,4,6-Tribromophenol       | 13.52 | 330  | 169767   | 144.31 | ng    | -0.03    |
| 44) 2-Fluorobiphenyl           | 11.18 | 172  | 849014   | 88.86  | ng    | -0.04    |
| 78) Terphenyl-d14              | 16.99 | 244  | 776254   | 90.90  | ng    | -0.02    |
| Target Compounds               |       |      |          |        |       |          |
| 10) Phenol                     | 6.94  | 94   | 19719    | 3.71   | ng    | # 44     |
| 19) n-Nitroso-di-n-propylamine | 8.29  | 70   | 52277    | 16.08  | ng    | # 75     |
| 49) Dimethylphthalate          | 11.87 | 163  | 106086   | 10.51  | ng    | 98       |

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

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SB-08-COMP(0-10)

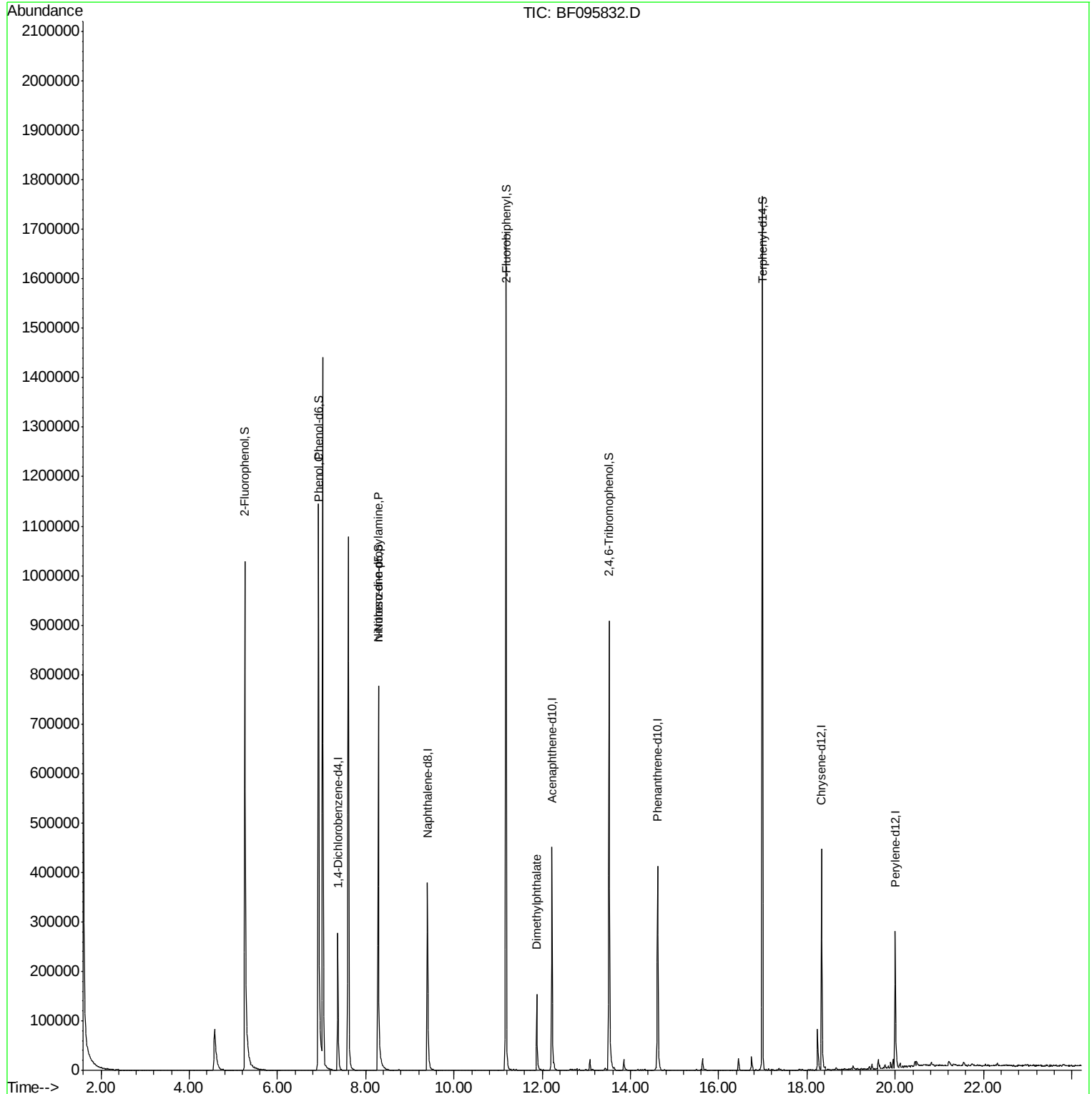
Quant Time: Jun 10 01:26:29 2017

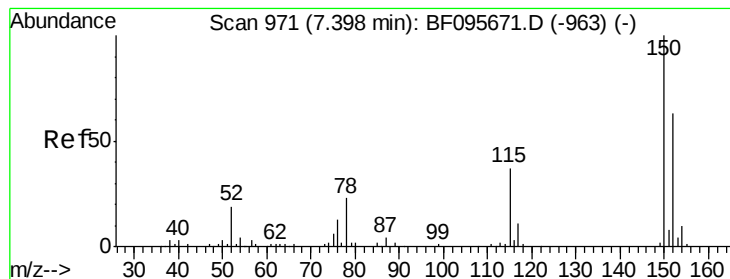
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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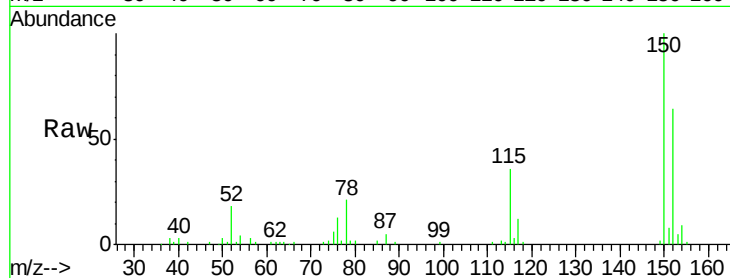


#1

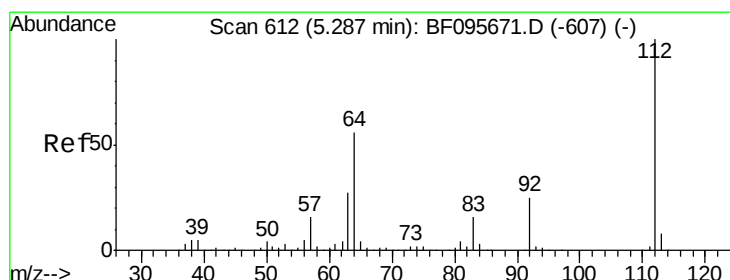
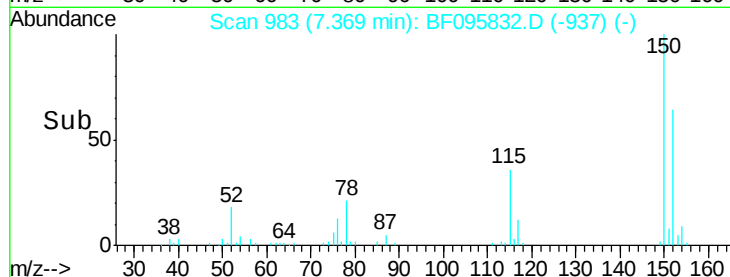
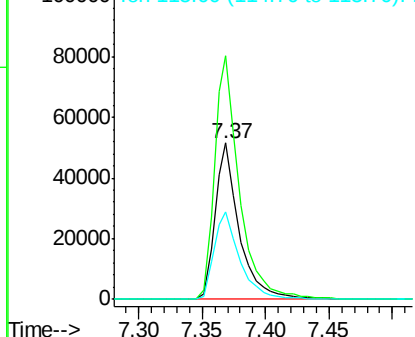
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.37 min Scan# 983  
Delta R.T. -0.03 min  
Lab File: BF095832.D  
Acq: 9 Jun 2017 20:57

Instrument :  
BNA\_F  
ClientSampleId :  
SB-08-COMP(0-10)

Tgt Ion:152 Resp: 68285  
Ion Ratio Lower Upper  
152 100  
150 155.7 126.2 189.2  
115 55.8 52.2 78.2



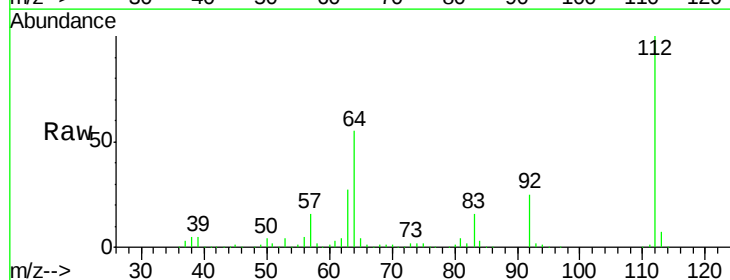
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



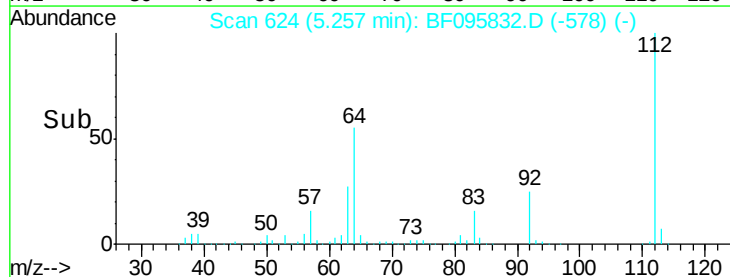
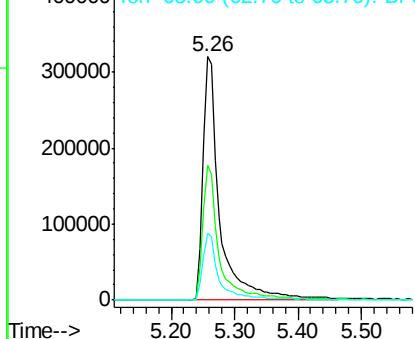
#5

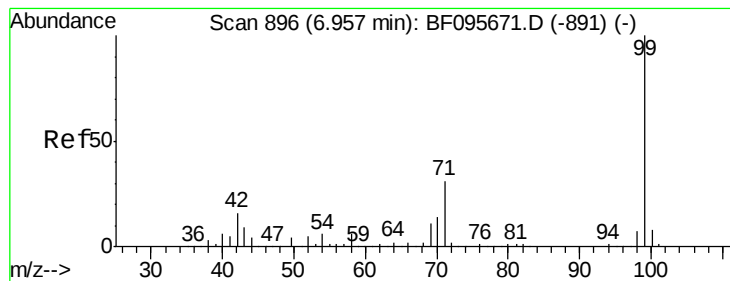
2-Fluorophenol  
Concen: 138.12 ng  
RT: 5.26 min Scan# 624  
Delta R.T. -0.03 min  
Lab File: BF095832.D  
Acq: 9 Jun 2017 20:57

Tgt Ion:112 Resp: 591888  
Ion Ratio Lower Upper  
112 100  
64 55.3 46.0 69.0  
63 27.3 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: 147.00 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095832.D

Acq: 9 Jun 2017 20:57

Instrument :

BNA\_F

ClientSampleId :

SB-08-COMP(0-10)

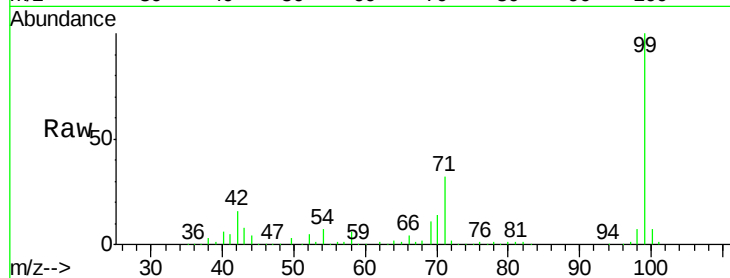
Tgt Ion: 99 Resp: 754162

Ion Ratio Lower Upper

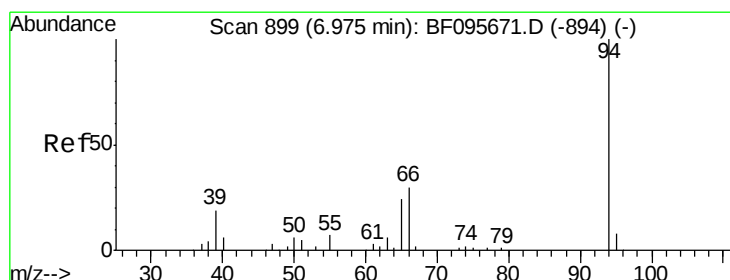
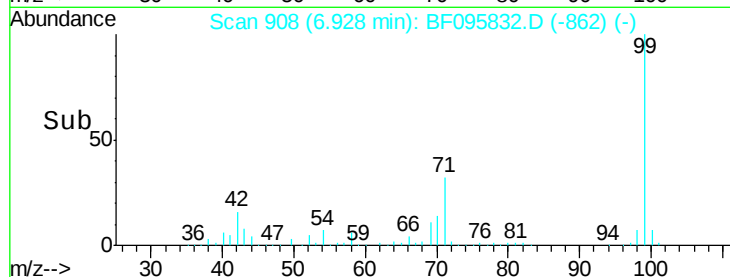
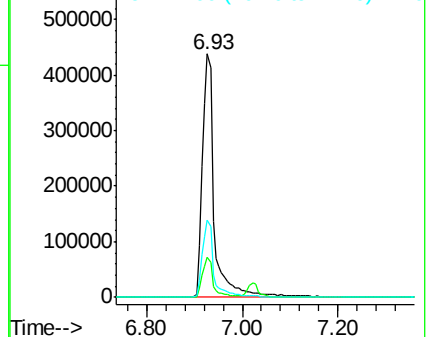
99 100

42 16.3 13.5 20.3

71 32.0 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: 3.71 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF095832.D

Acq: 9 Jun 2017 20:57

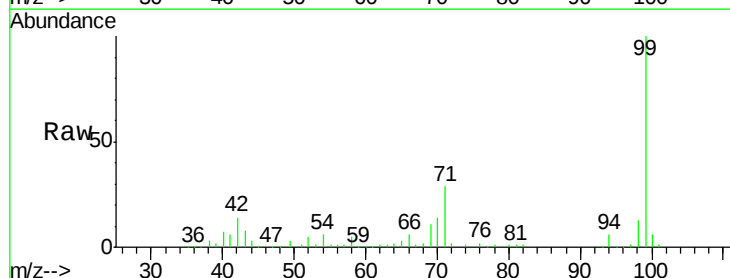
Tgt Ion: 94 Resp: 19719

Ion Ratio Lower Upper

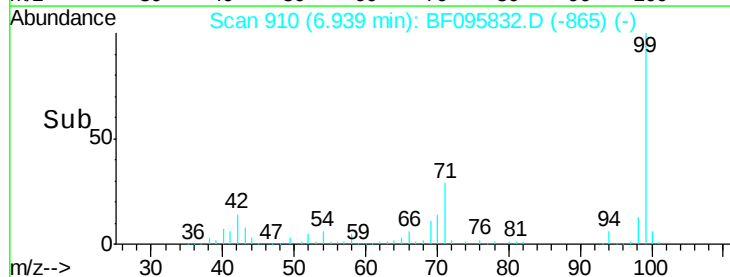
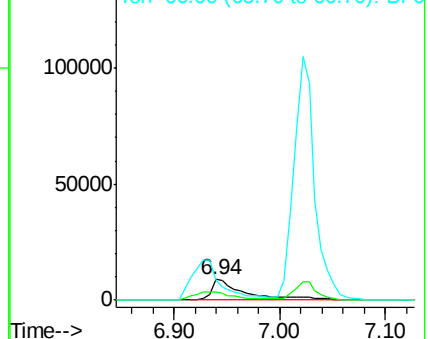
94 100

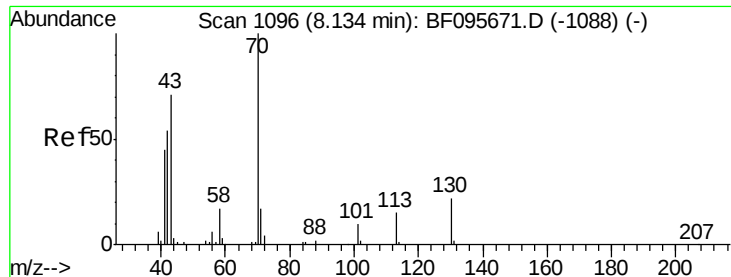
65 40.7 9.9 49.9

66 95.5 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

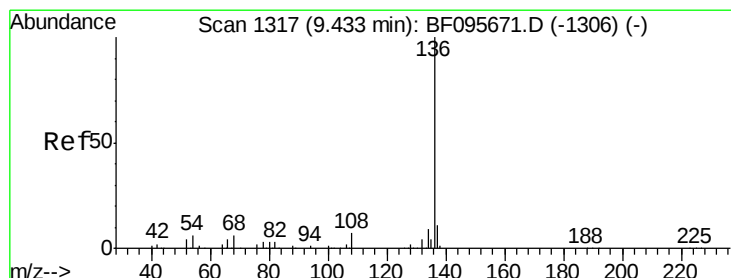
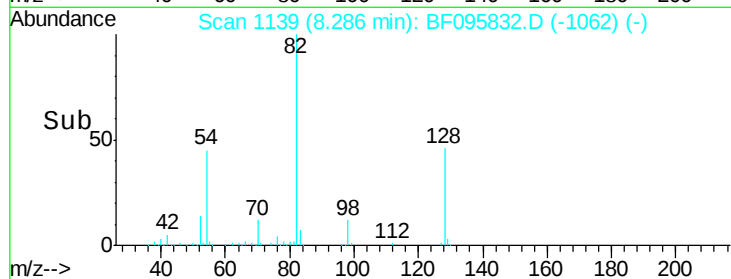
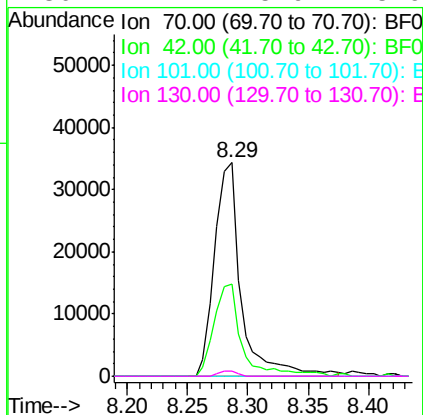
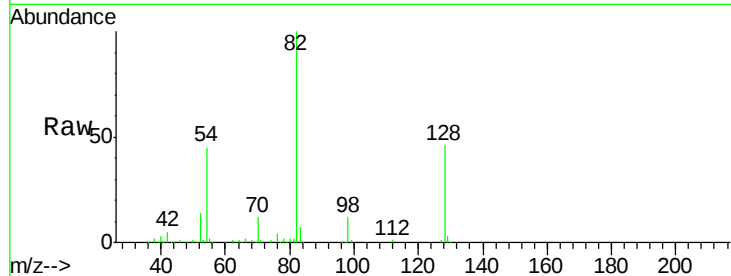




#19  
n-Nitroso-di-n-propylamine  
Concen: 16.08 ng  
RT: 8.29 min Scan# 1139  
Delta R.T. 0.15 min  
Lab File: BF095832.D  
Acq: 9 Jun 2017 20:57

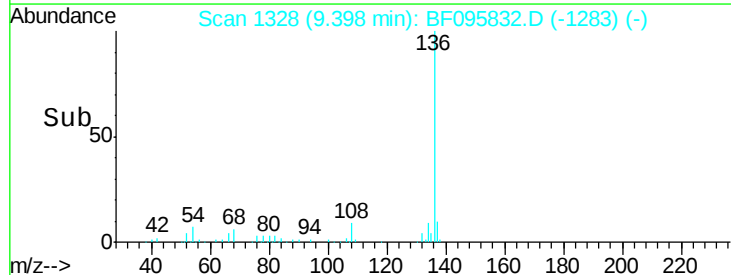
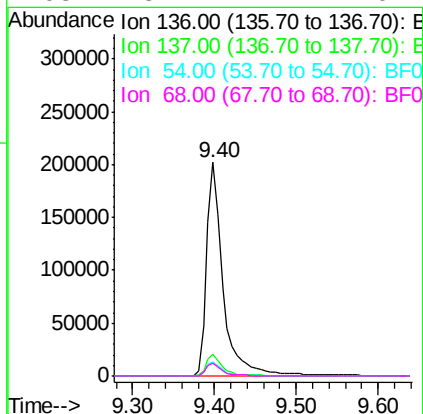
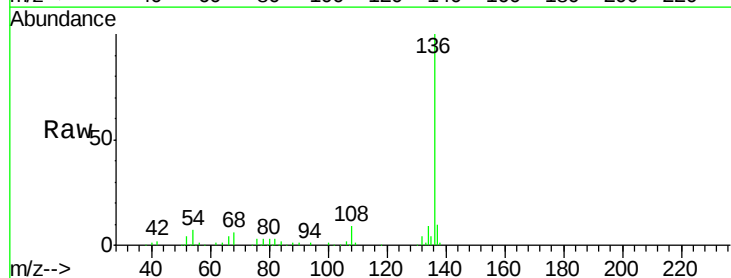
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08-COMP(0-10)

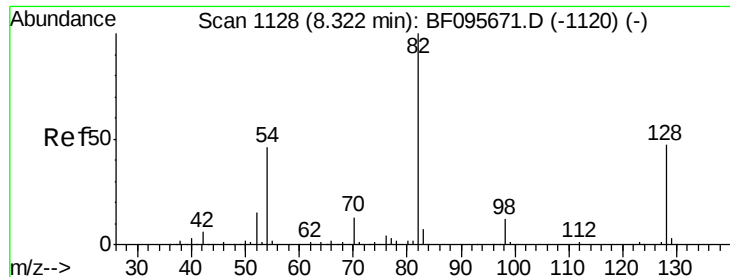
Tgt Ion: 70 Resp: 52277  
Ion Ratio Lower Upper  
70 100  
42 43.4 47.2 70.8#  
101 0.0 7.2 10.8#  
130 2.2 15.9 23.9#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.40 min Scan# 1328  
Delta R.T. -0.04 min  
Lab File: BF095832.D  
Acq: 9 Jun 2017 20:57

Tgt Ion: 136 Resp: 285293  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.5 12.7  
54 6.9 4.9 7.3  
68 5.7 4.1 6.1

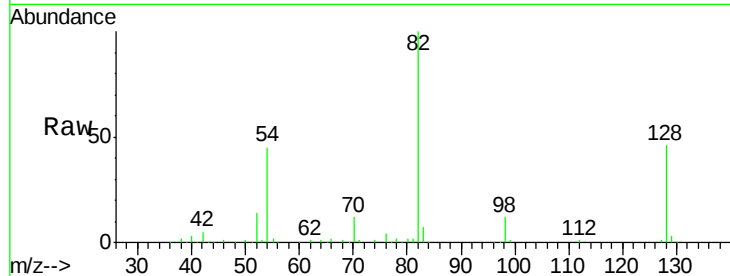




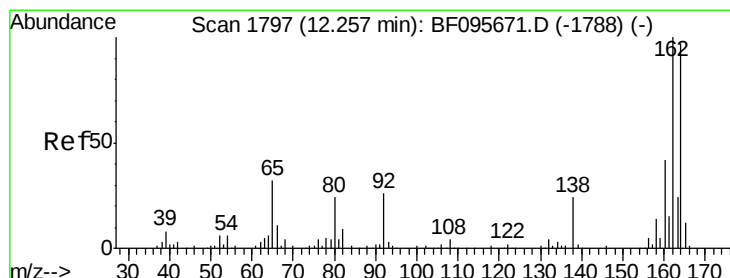
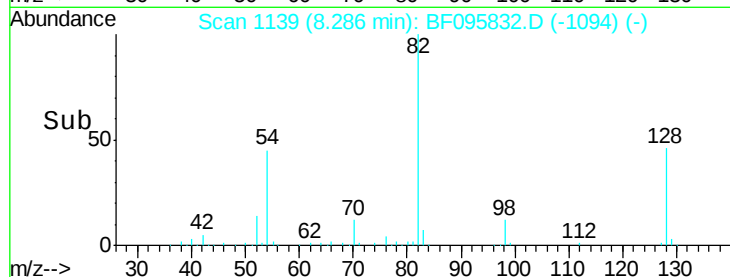
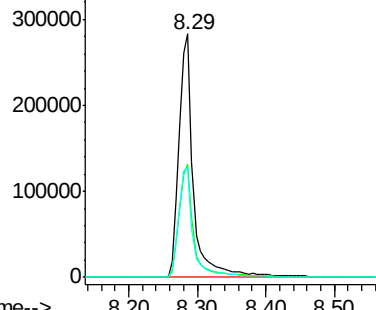
#23  
 Nitrobenzene-d5  
 Concen: 93.17 ng  
 RT: 8.29 min Scan# 1139  
 Delta R.T. -0.04 min  
 Lab File: BF095832.D  
 Acq: 9 Jun 2017 20:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-08-COMP(0-10)

Tgt Ion: 82 Resp: 428018  
 Ion Ratio Lower Upper  
 82 100  
 128 46.4 34.0 51.0  
 54 44.6 42.2 63.2

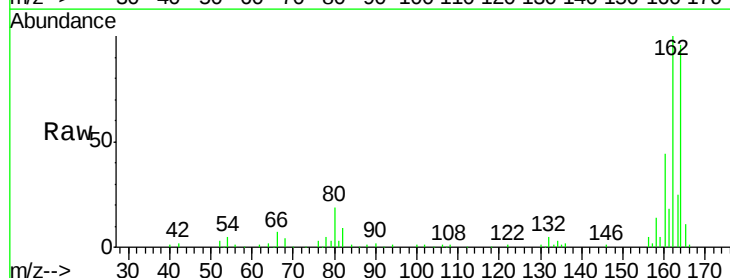


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

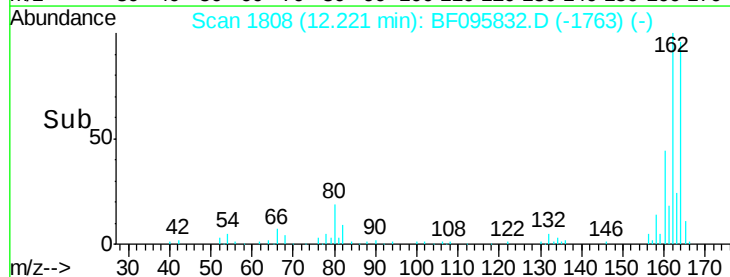
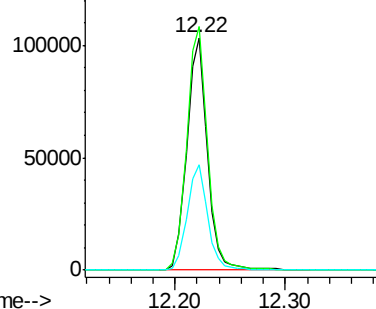


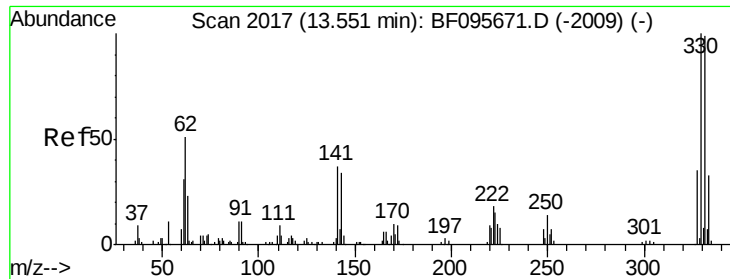
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 12.22 min Scan# 1808  
 Delta R.T. -0.04 min  
 Lab File: BF095832.D  
 Acq: 9 Jun 2017 20:57

Tgt Ion: 164 Resp: 132963  
 Ion Ratio Lower Upper  
 164 100  
 162 104.7 82.6 123.8  
 160 45.6 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

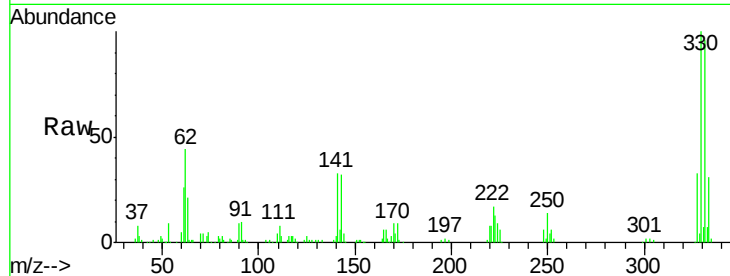




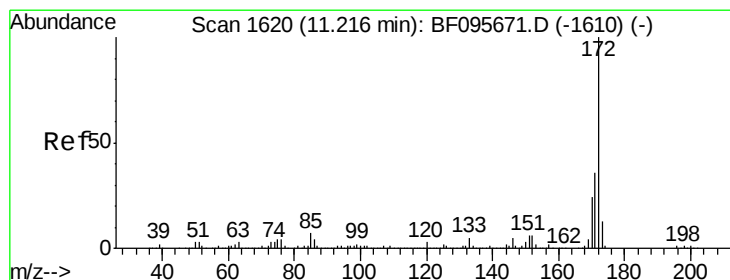
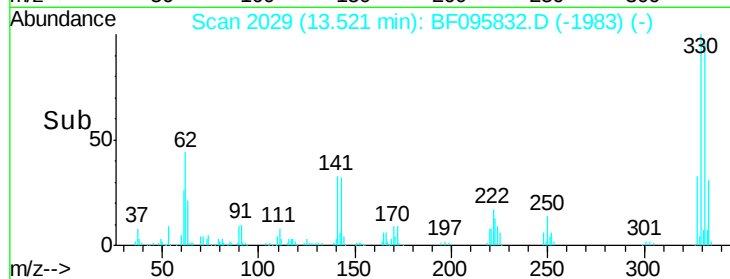
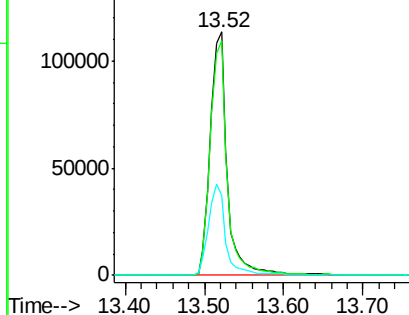
#41  
 2,4,6-Tribromophenol  
 Concen: 144.31 ng  
 RT: 13.52 min Scan# 2029  
 Delta R.T. -0.03 min  
 Lab File: BF095832.D  
 Acq: 9 Jun 2017 20:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-08-COMP(0-10)

Tgt Ion:330 Resp: 169767  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 76.6 115.0  
 141 37.8 31.4 47.2

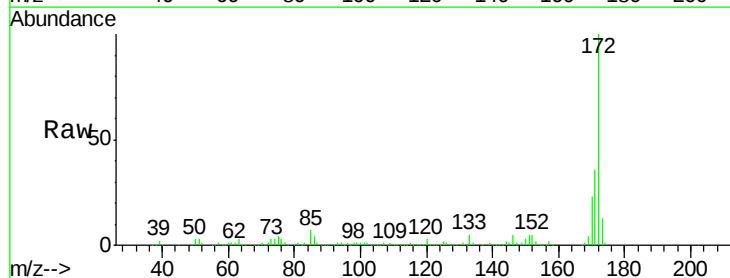


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

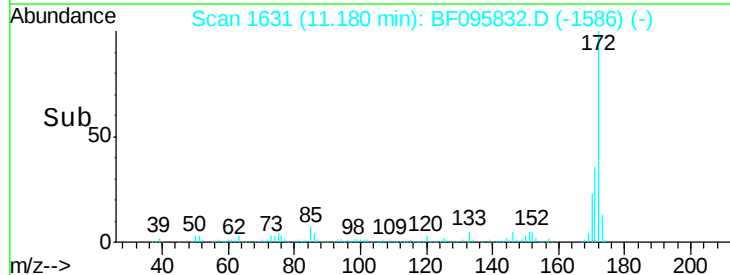
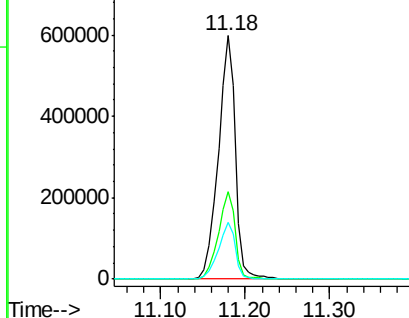


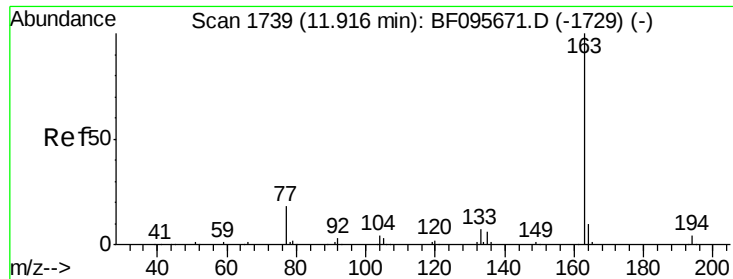
#44  
 2-Fluorobiphenyl  
 Concen: 88.86 ng  
 RT: 11.18 min Scan# 1631  
 Delta R.T. -0.04 min  
 Lab File: BF095832.D  
 Acq: 9 Jun 2017 20:57

Tgt Ion:172 Resp: 849014  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 29.6 44.4  
 170 23.3 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

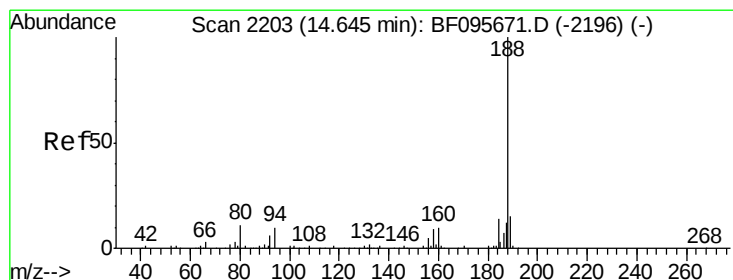
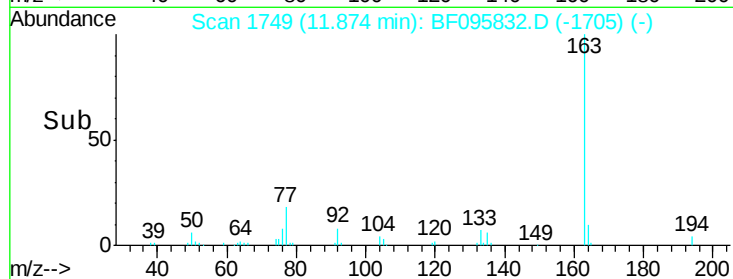
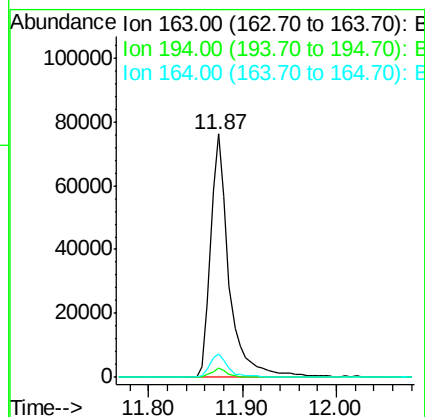
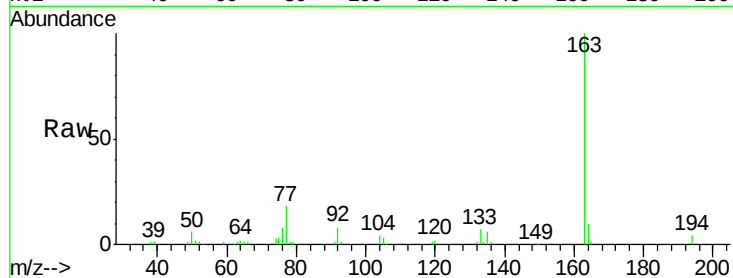




#49  
Dimethylphthalate  
Concen: 10.51 ng  
RT: 11.87 min Scan# 1749  
Delta R.T. -0.04 min  
Lab File: BF095832.D  
Acq: 9 Jun 2017 20:57

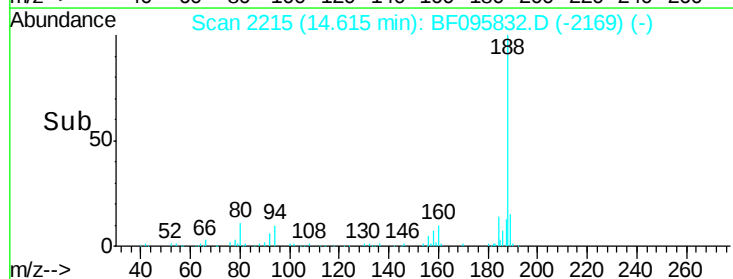
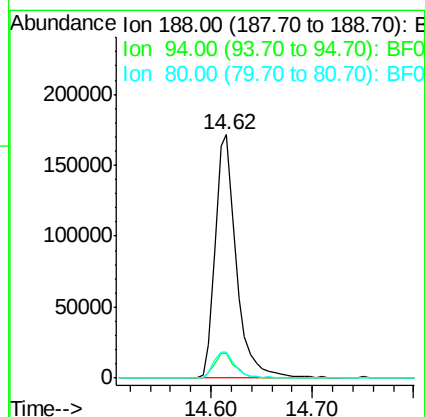
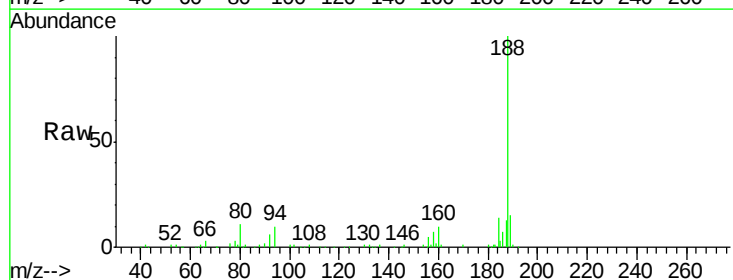
Instrument :  
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SB-08-COMP(0-10)

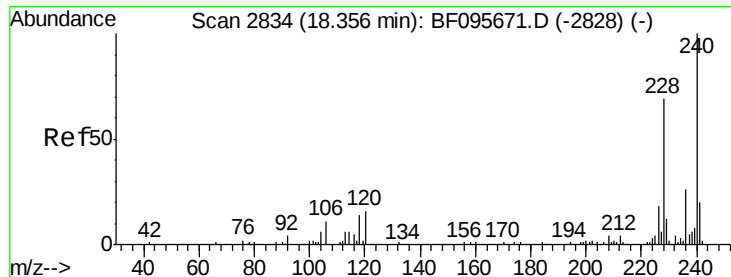
Tgt Ion:163 Resp: 106086  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.6 4.0  
164 9.7 8.4 12.6



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.62 min Scan# 2215  
Delta R.T. -0.03 min  
Lab File: BF095832.D  
Acq: 9 Jun 2017 20:57

Tgt Ion:188 Resp: 248238  
Ion Ratio Lower Upper  
188 100  
94 10.2 9.4 14.2  
80 10.8 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: BF095832.D

Acq: 9 Jun 2017 20:57

Instrument :

BNA\_F

ClientSampleId :

SB-08-COMP(0-10)

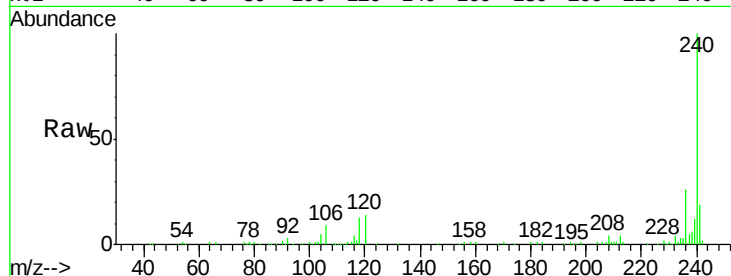
Tgt Ion:240 Resp: 211924

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

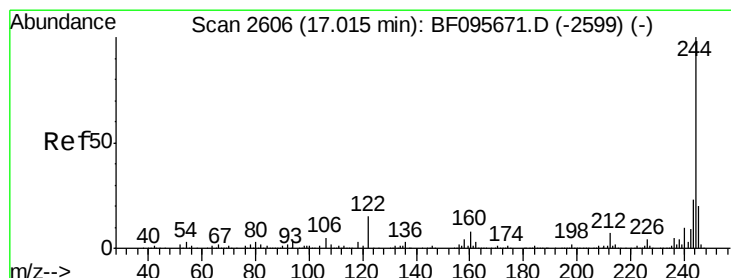
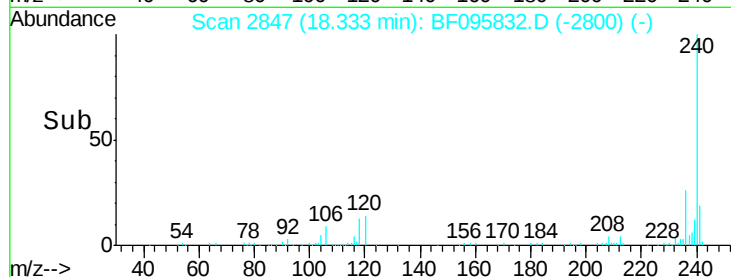
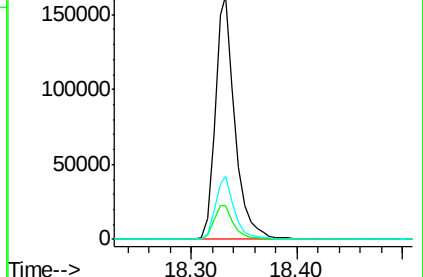
236 25.8 20.5 30.7



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: 90.90 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095832.D

Acq: 9 Jun 2017 20:57

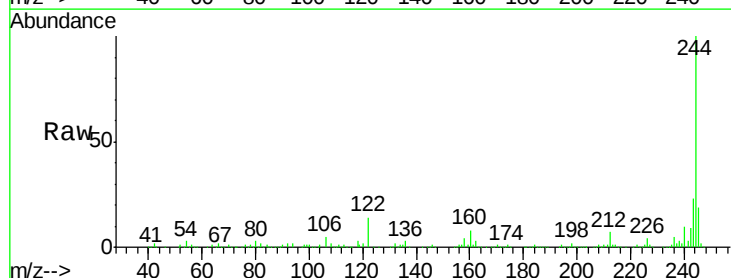
Tgt Ion:244 Resp: 776254

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

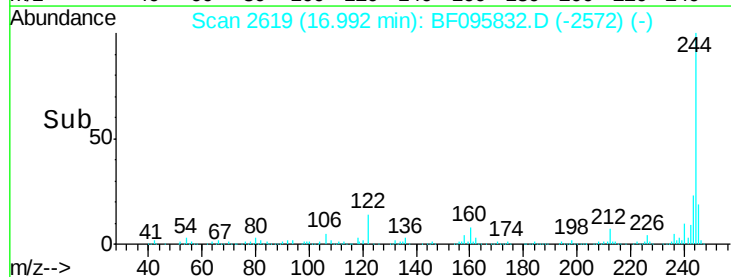
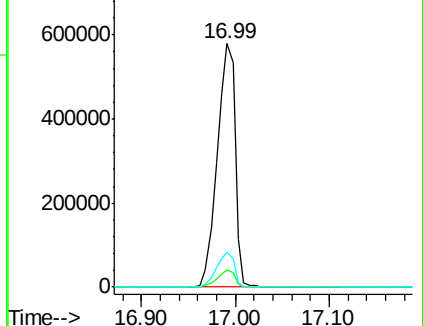
122 14.5 10.3 15.5

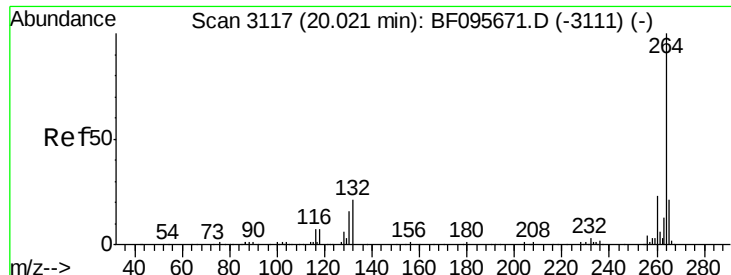


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.00 min Scan# 3130  
Delta R.T. -0.02 min  
Lab File: BF095832.D  
Acq: 9 Jun 2017 20:57

Instrument :  
BNA\_F  
ClientSampleId :  
SB-08-COMP(0-10)

Tgt Ion: 264 Resp: 140703  
Ion Ratio Lower Upper  
264 100  
260 23.0 19.5 29.3  
265 21.1 17.2 25.8

