

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\  
 Data File : BF096481.D  
 Acq On : 5 Jul 2017 13:58  
 Operator : SJ/MA  
 Sample : I4025-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP6-MH2098-COMP

Quant Time: Jul 05 16:54:43 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 05 13:27:10 2017  
 Response via : Initial Calibration

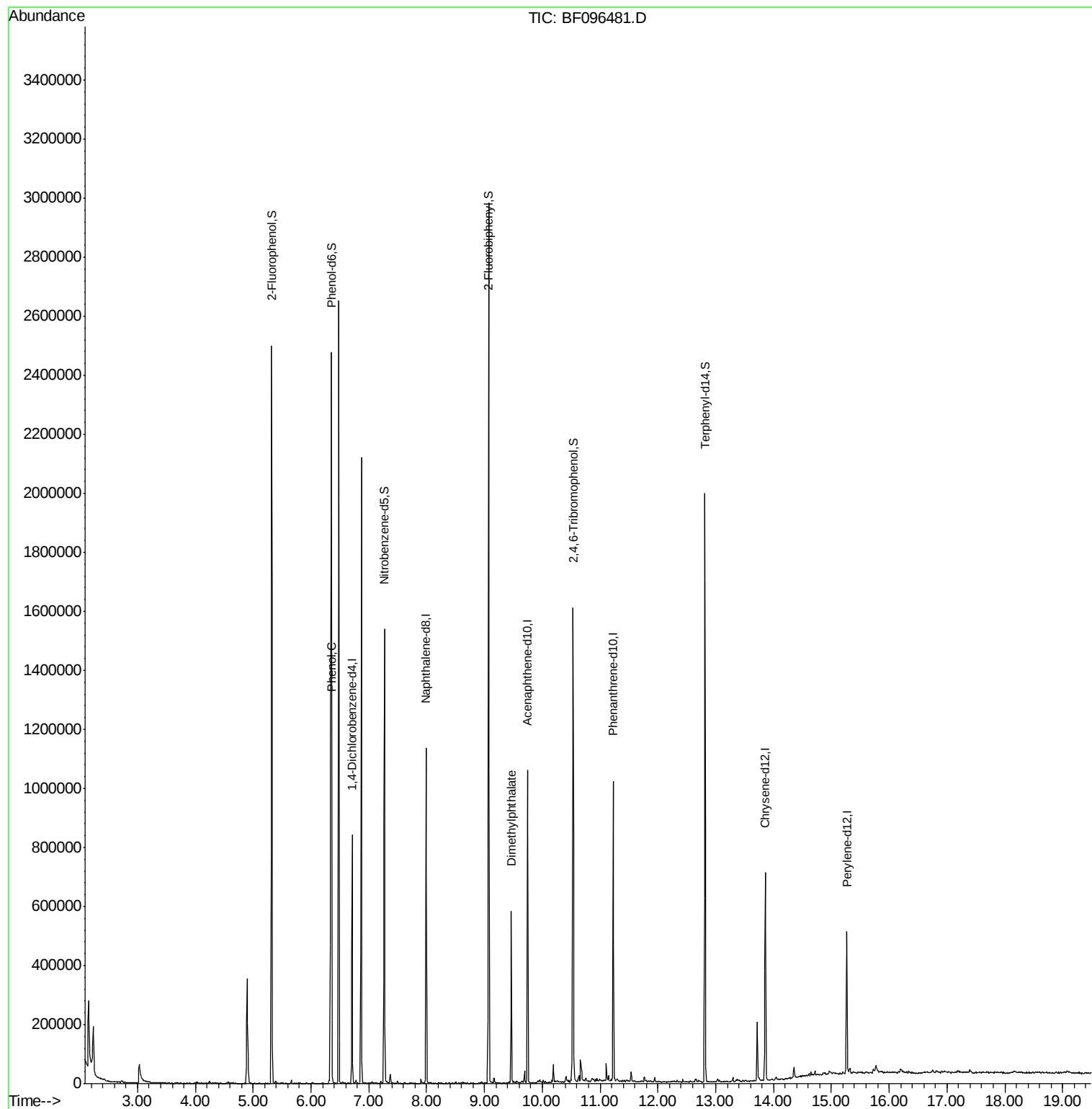
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.71  | 152  | 113965   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.99  | 136  | 474739   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.75  | 164  | 209680   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.23 | 188  | 335003   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.86 | 240  | 230261   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.27 | 264  | 199711   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.32  | 112  | 706050   | 91.44  | ng    | 0.00     |
| 7) Phenol-d6                | 6.35  | 99   | 885847   | 93.32  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.27  | 82   | 513406   | 64.99  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.53 | 330  | 173450   | 105.90 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 921294   | 75.12  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.82 | 244  | 587975   | 54.56  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.36  | 94   | 42400    | 3.92   | ng    | 88       |
| 49) Dimethylphthalate       | 9.46  | 163  | 232736   | 14.87  | ng    | 99       |

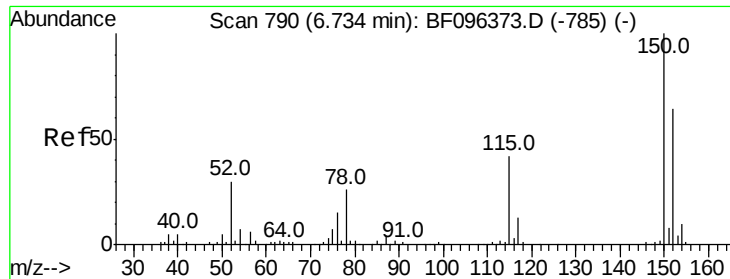
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

Instrument :

BNA\_F

ClientSampleId :

TP6-MH2098-COMP

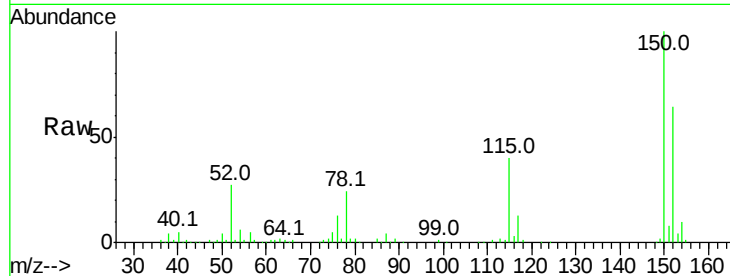
Tot Ion:152 Resp: 113965

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

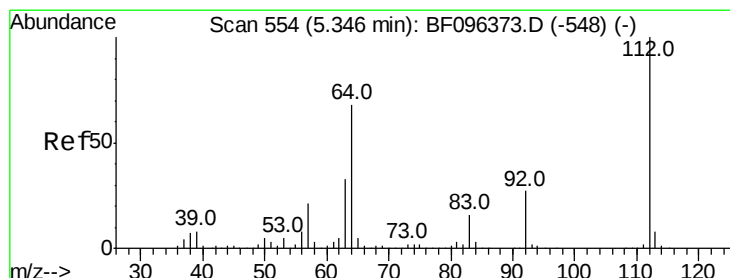
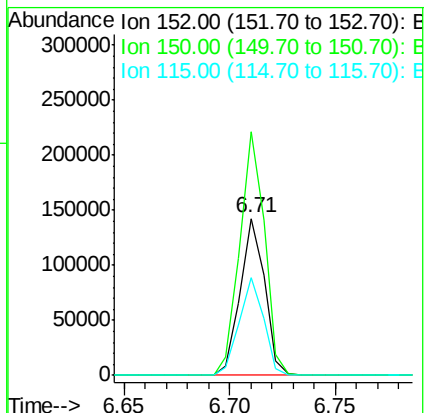
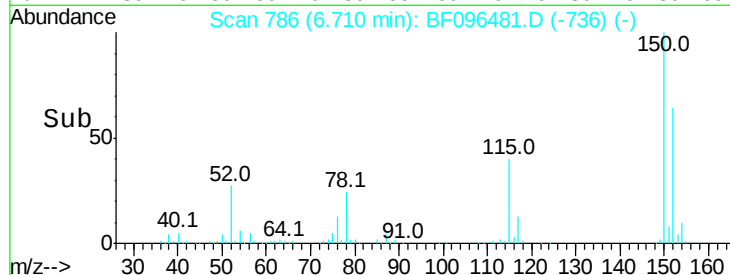
115 62.6 52.2 78.2



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: 91.44 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

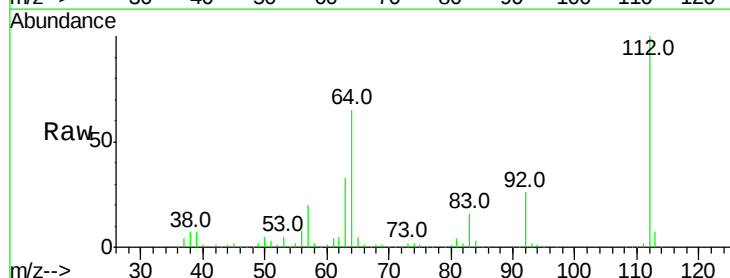
Tgt Ion:112 Resp: 706050

Ion Ratio Lower Upper

112 100

64 65.1 46.0 69.0

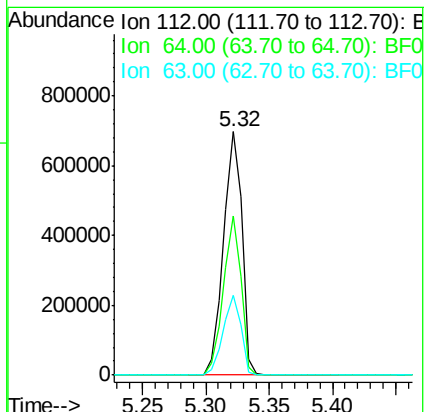
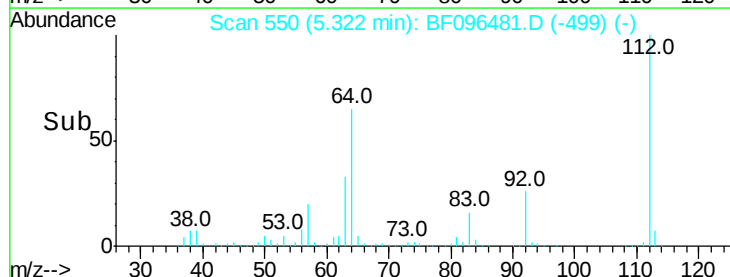
63 32.8 23.4 35.0

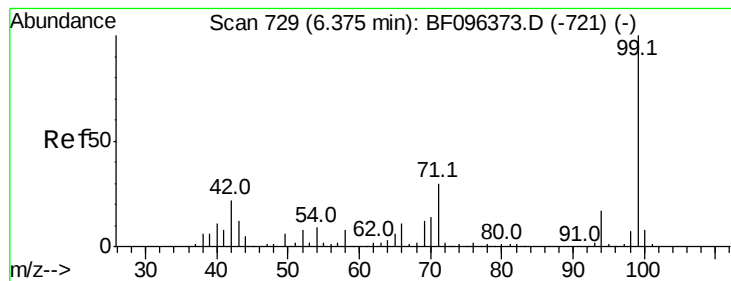


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.32 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

Instrument :

BNA\_F

ClientSampleId :

TP6-MH2098-COMP

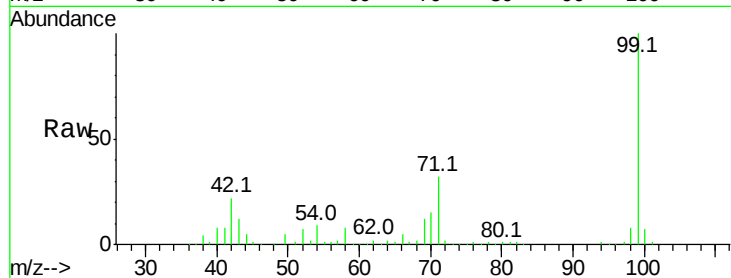
Tot Ion: 99 Resp: 885847

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

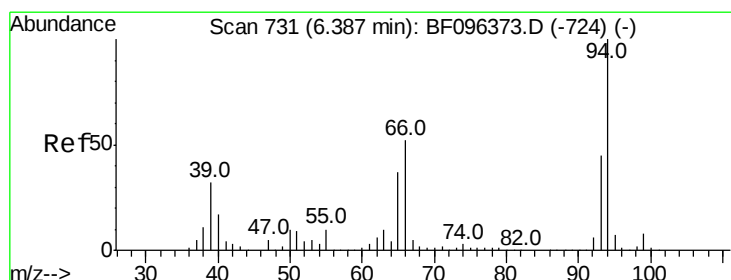
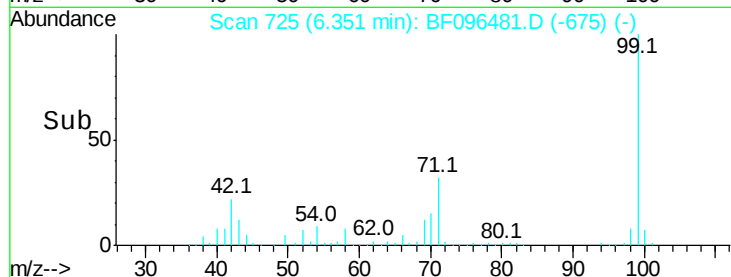
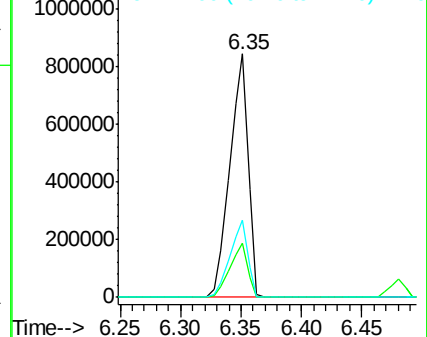
71 31.6 24.5 36.7



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: 3.92 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

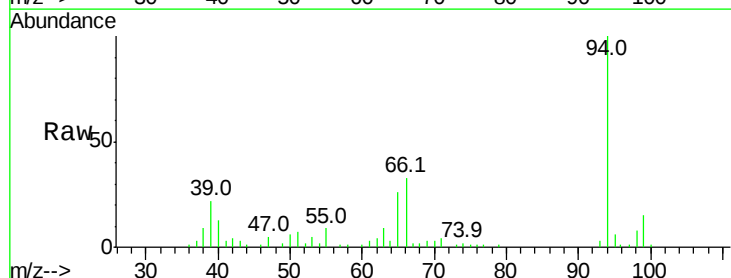
Tgt Ion: 94 Resp: 42400

Ion Ratio Lower Upper

94 100

65 25.9 9.9 49.9

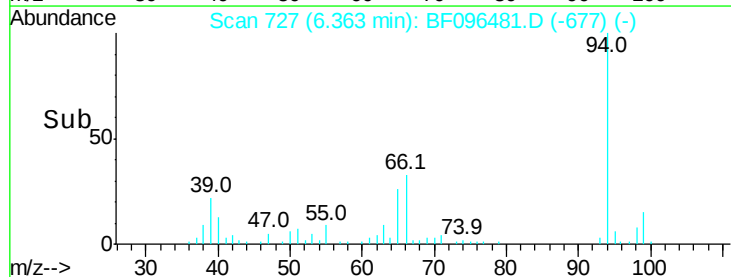
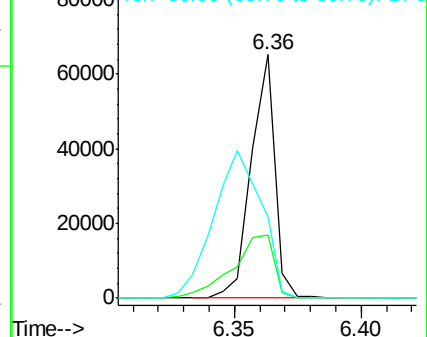
66 33.4 23.1 63.1



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

Instrument :

BNA\_F

ClientSampleId :

TP6-MH2098-COMP

Tot Ion:136 Resp: 474739

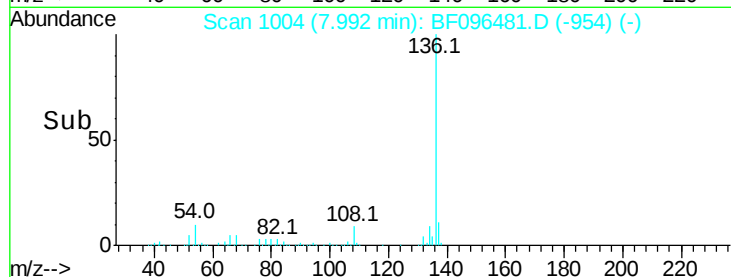
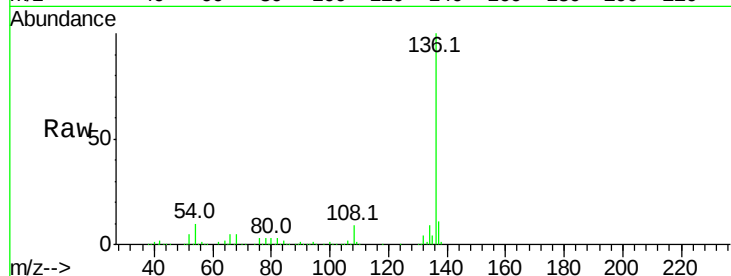
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.0 4.9 7.3#

68 4.8 4.1 6.1

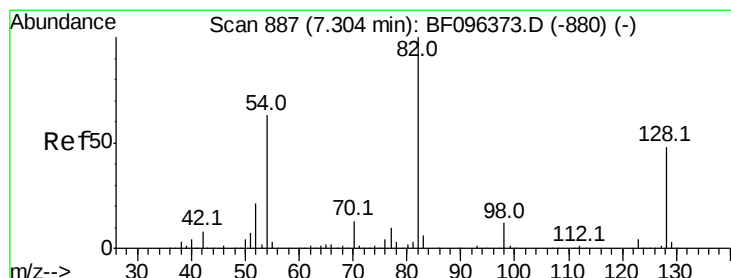
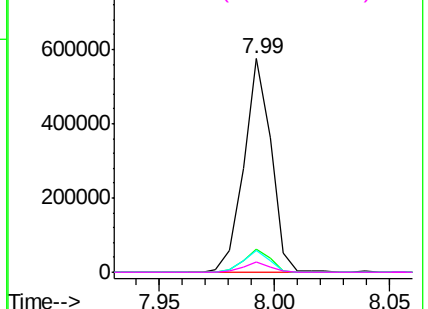


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.99 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

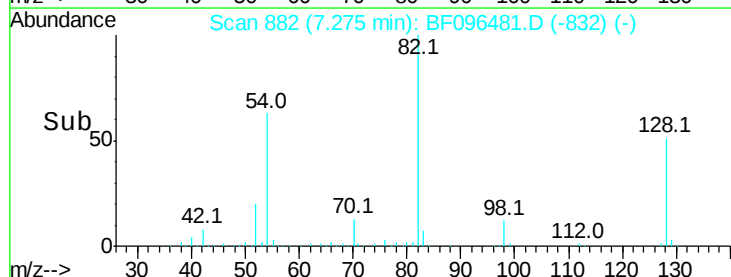
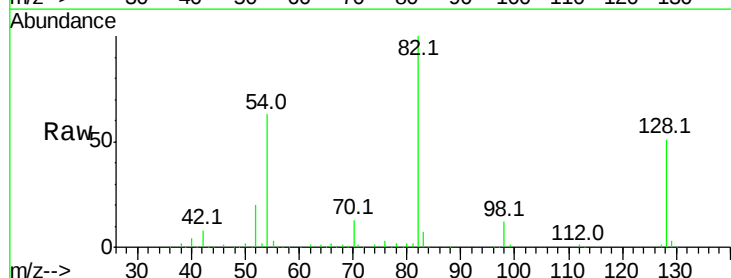
Tgt Ion: 82 Resp: 513406

Ion Ratio Lower Upper

82 100

128 51.3 34.0 51.0#

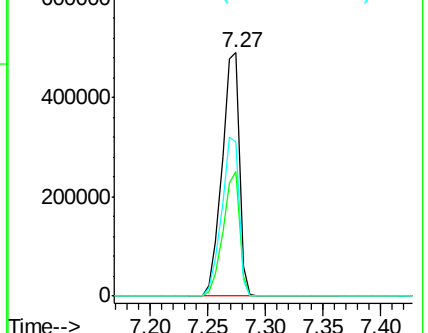
54 63.2 42.2 63.2

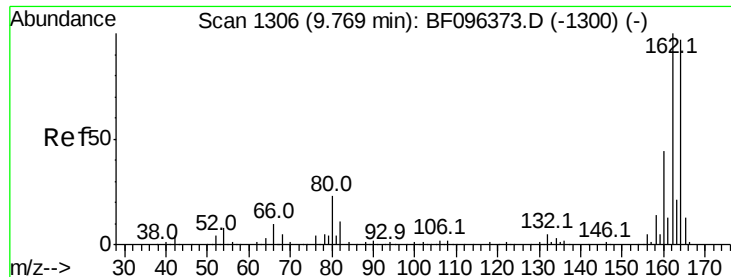


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

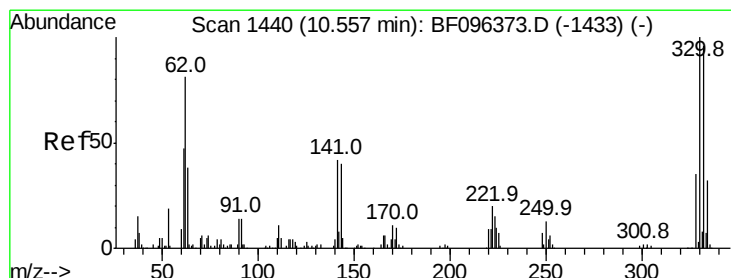
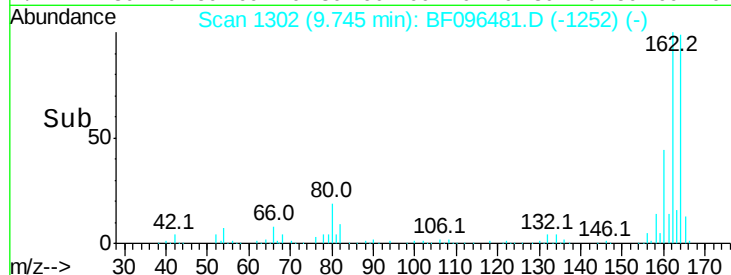
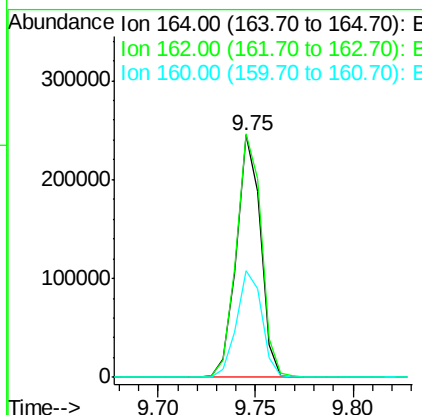
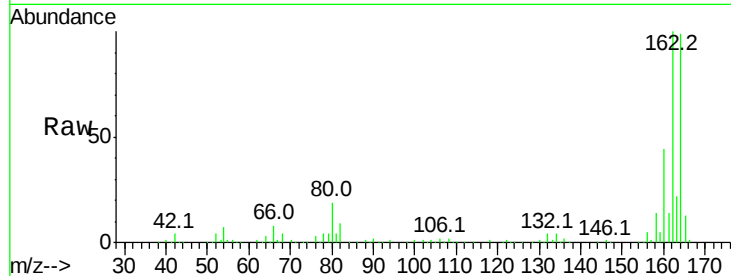




#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.75 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BF096481.D  
Acq: 5 Jul 2017 13:58

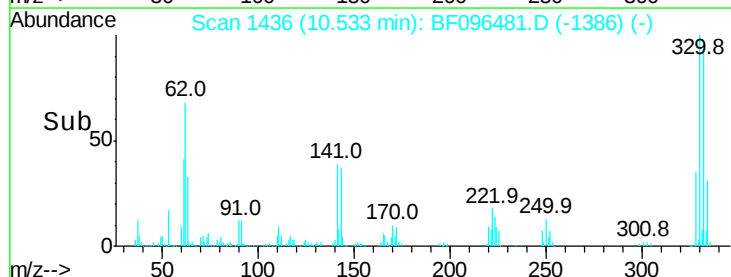
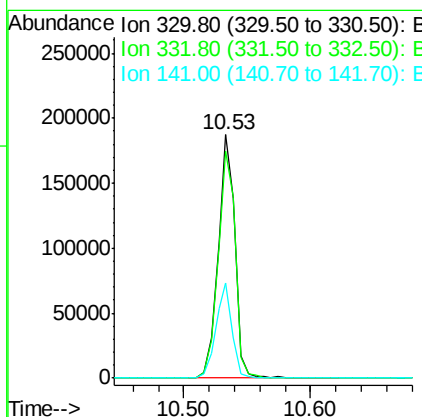
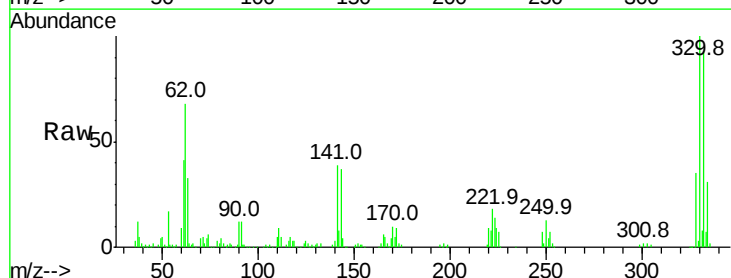
Instrument :  
BNA\_F  
ClientSampleId :  
TP6-MH2098-COMP

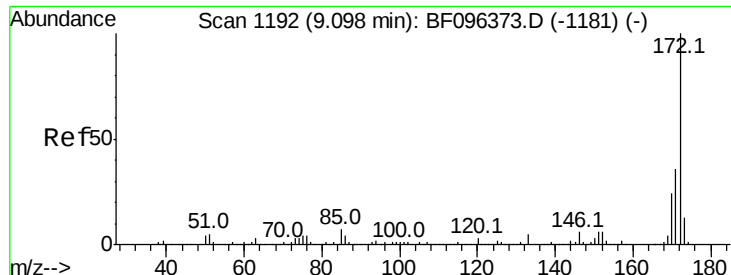
Tot Ion:164 Resp: 209680  
Ion Ratio Lower Upper  
164 100  
162 100.7 82.6 123.8  
160 44.2 36.2 54.2



#41  
2,4,6-Tribromophenol  
Concen: 105.90 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. -0.01 min  
Lab File: BF096481.D  
Acq: 5 Jul 2017 13:58

Tgt Ion:330 Resp: 173450  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.6 115.0  
141 37.9 31.4 47.2

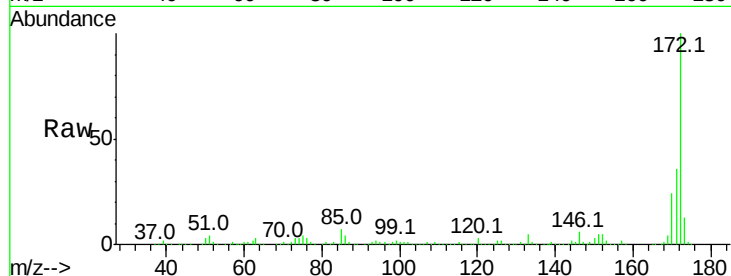




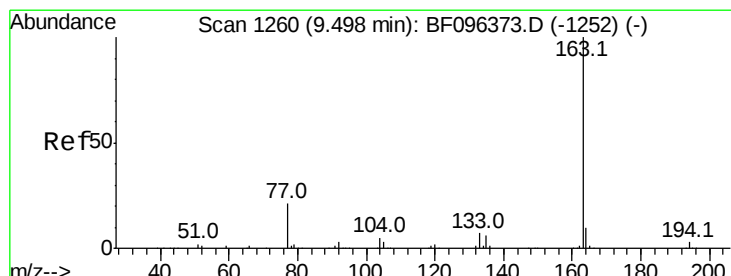
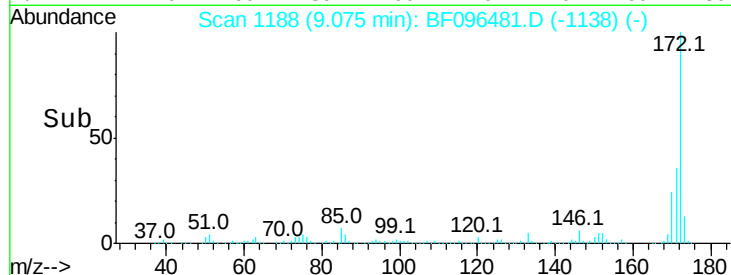
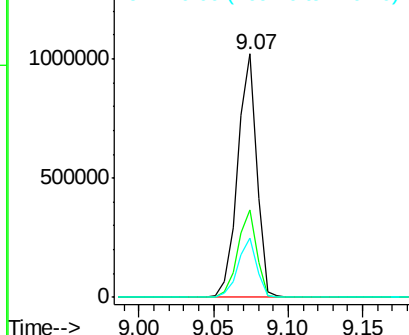
#44  
2-Fluorobiphenyl  
Concen: 75.12 ng  
RT: 9.07 min Scan# 1188  
Delta R.T. -0.01 min  
Lab File: BF096481.D  
Acq: 5 Jul 2017 13:58

Instrument :  
BNA\_F  
ClientSampleId :  
TP6-MH2098-COMP

Tot Ion:172 Resp: 921294  
Ion Ratio Lower Upper  
172 100  
171 35.7 29.6 44.4  
170 24.3 19.8 29.8

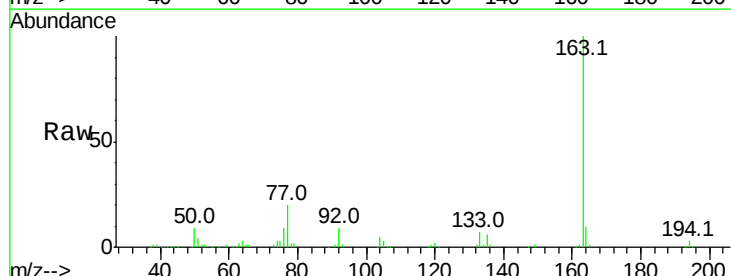


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

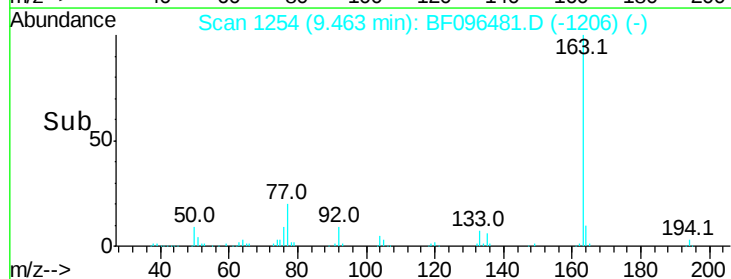
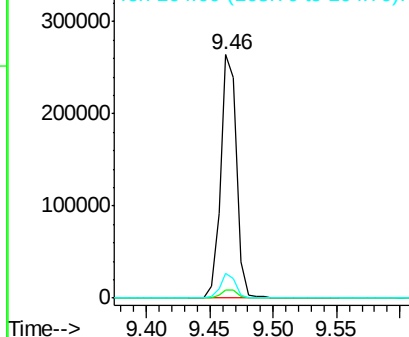


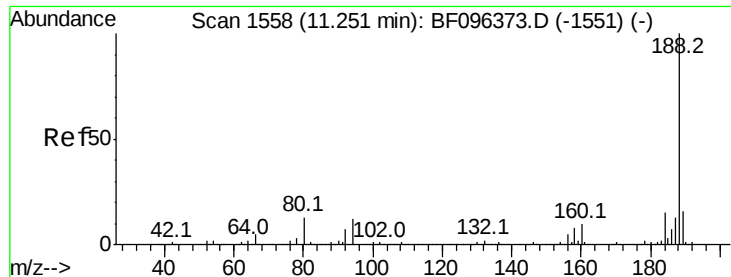
#49  
Dimethylphthalate  
Concen: 14.87 ng  
RT: 9.46 min Scan# 1254  
Delta R.T. -0.02 min  
Lab File: BF096481.D  
Acq: 5 Jul 2017 13:58

Tgt Ion:163 Resp: 232736  
Ion Ratio Lower Upper  
163 100  
194 3.1 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

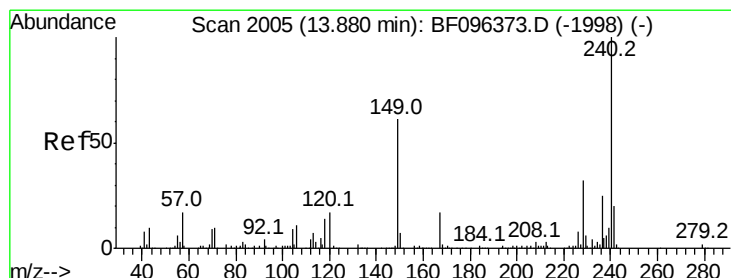
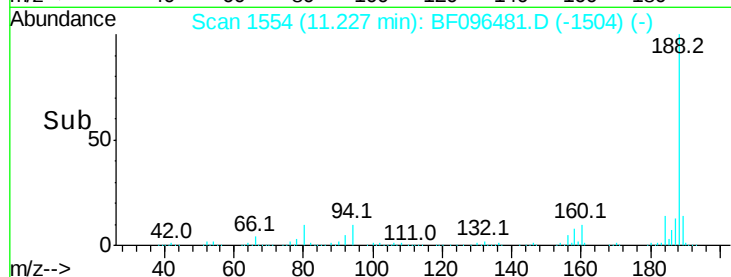
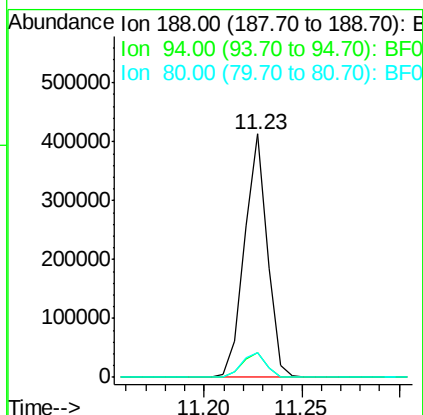
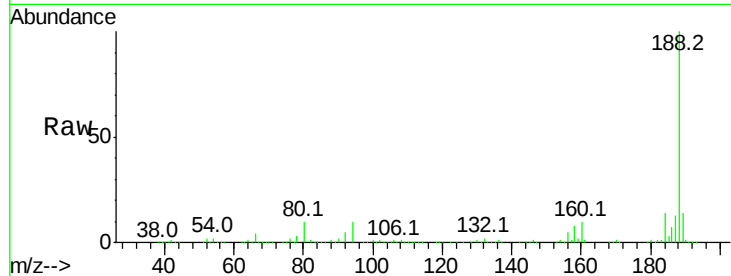




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.23 min Scan# 1554  
Delta R.T. -0.01 min  
Lab File: BF096481.D  
Acq: 5 Jul 2017 13:58

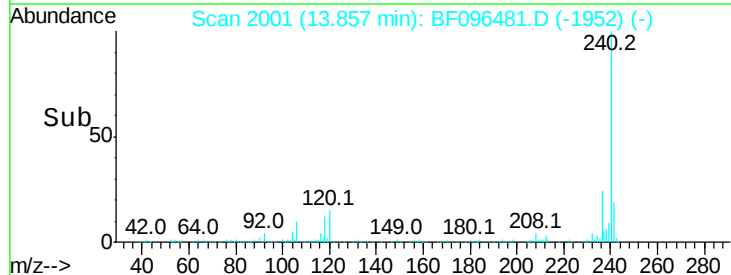
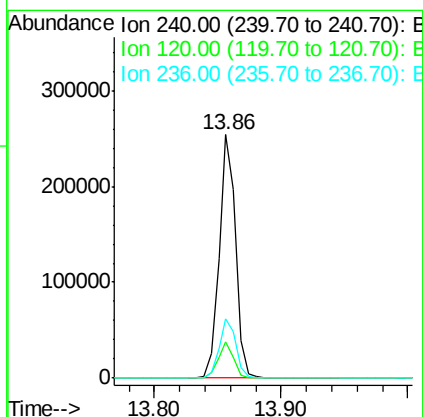
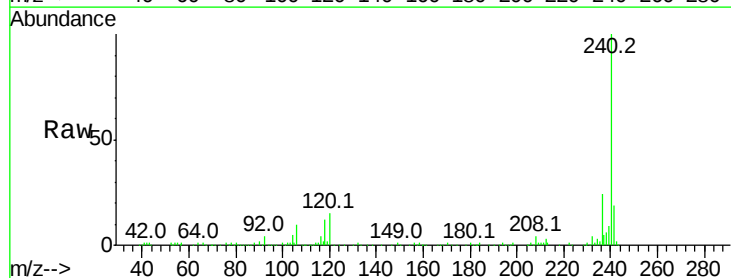
Instrument :  
BNA\_F  
ClientSampleId :  
TP6-MH2098-COMP

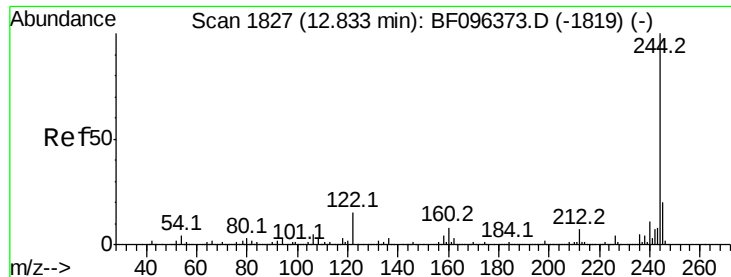
Tot Ion:188 Resp: 335003  
Ion Ratio Lower Upper  
188 100  
94 10.0 9.4 14.2  
80 10.0 10.2 15.2#



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.86 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BF096481.D  
Acq: 5 Jul 2017 13:58

Tgt Ion:240 Resp: 230261  
Ion Ratio Lower Upper  
240 100  
120 15.1 5.8 8.8#  
236 24.3 20.5 30.7





#78

Terphenyl-d14

Concen: 54.56 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

Instrument :

BNA\_F

ClientSampleId :

TP6-MH2098-COMP

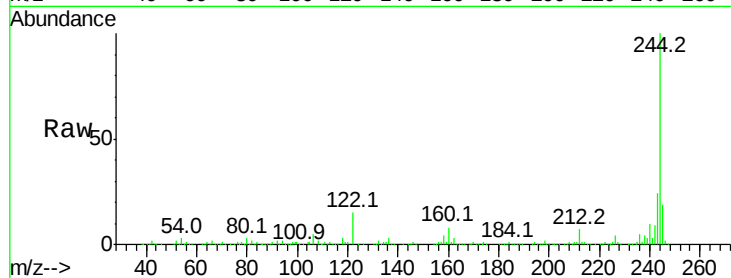
Tot Ion:244 Resp: 587975

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

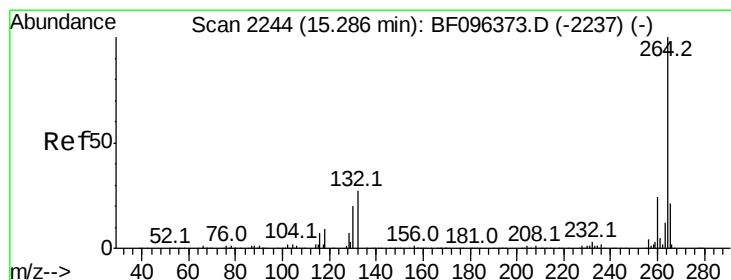
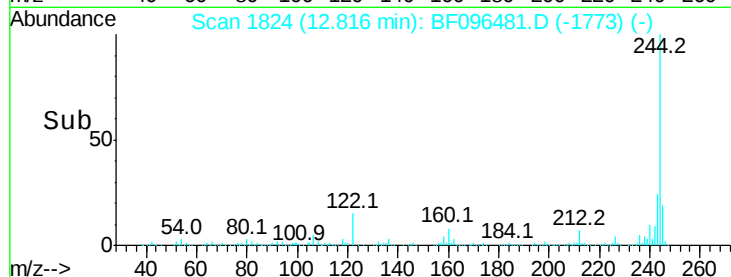
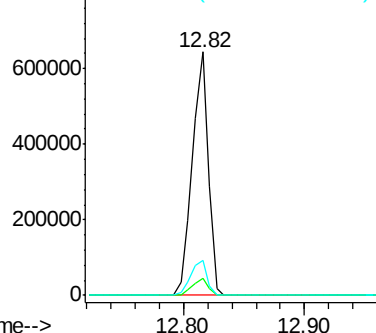
122 14.6 10.3 15.5



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

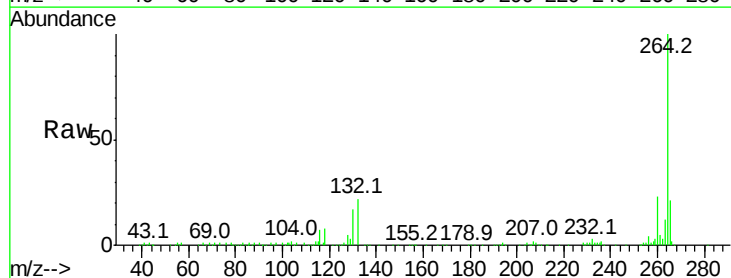
Tgt Ion:264 Resp: 199711

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 20.9 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

