

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\  
 Data File : BF088663.D  
 Acq On : 3 Jul 2016 22:50  
 Operator : UM/SJ  
 Sample : H3817-07  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BS-2B-8-8.5FT

Quant Time: Jul 04 06:40:05 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 30 18:01:55 2016  
 Response via : Initial Calibration

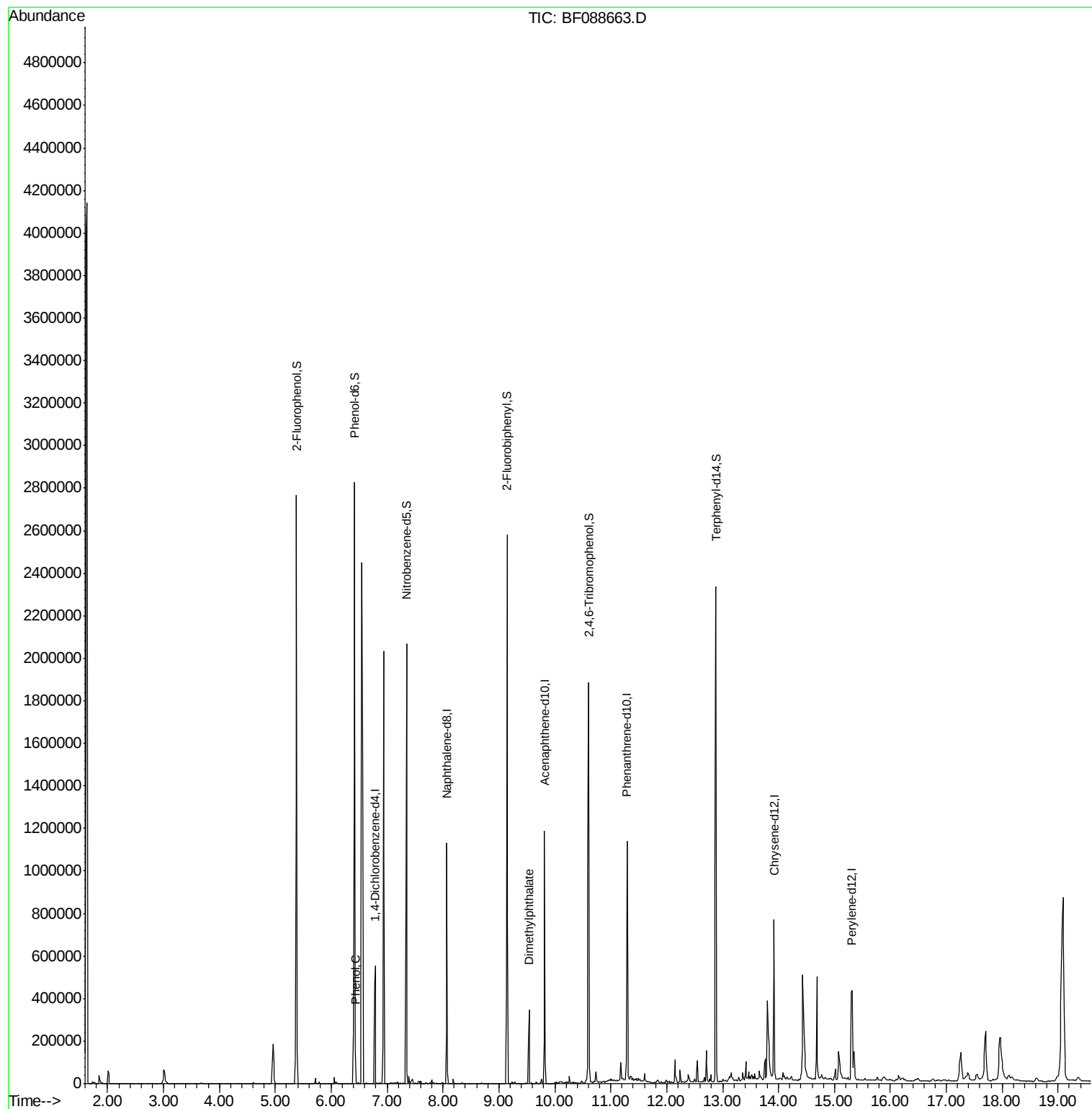
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 117129   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.07  | 136  | 465571   | 20.00  | ng    | -0.03    |
| 38) Acenaphthene-d10        | 9.82  | 164  | 212560   | 20.00  | ng    | -0.03    |
| 63) Phenanthrene-d10        | 11.29 | 188  | 370575   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12            | 13.92 | 240  | 294000   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12            | 15.31 | 264  | 227877   | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.38  | 112  | 840090   | 107.49 | ng    | -0.02    |
| 7) Phenol-d6                | 6.42  | 99   | 1137574  | 112.65 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.35  | 82   | 731941   | 82.39  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330  | 239913   | 121.55 | ng    | -0.03    |
| 44) 2-Fluorobiphenyl        | 9.14  | 172  | 869207   | 64.59  | ng    | -0.03    |
| 78) Terphenyl-d14           | 12.88 | 244  | 731983   | 55.45  | ng    | -0.03    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.43  | 94   | 32771    | 2.84   | ng    | 99       |
| 49) Dimethylphthalate       | 9.54  | 163  | 187787   | 12.40  | ng    | 98       |

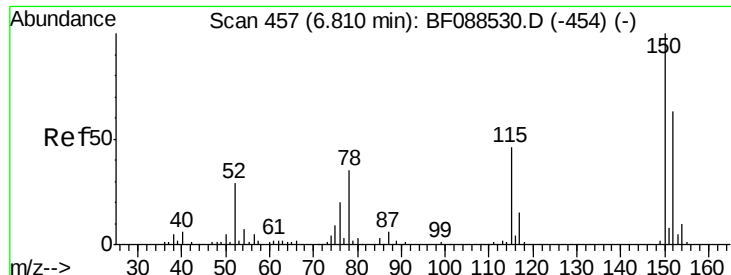
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 25 Sample Multiplier: 1

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BS-2B-8-8.5FT

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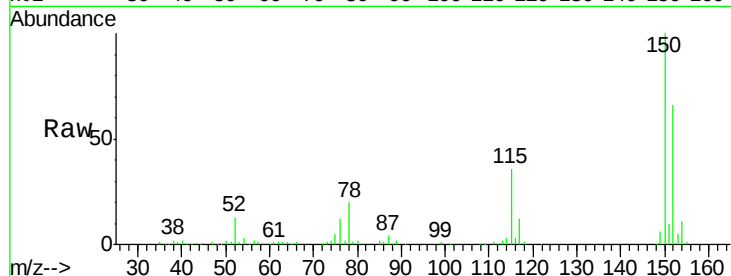


#1

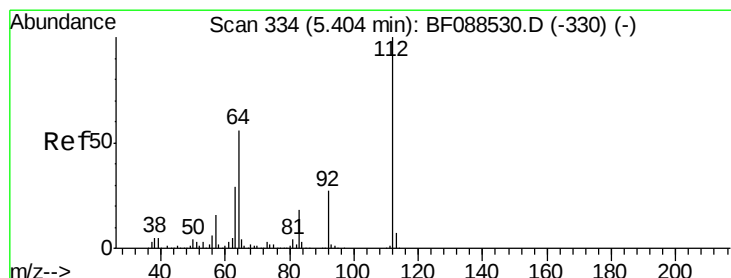
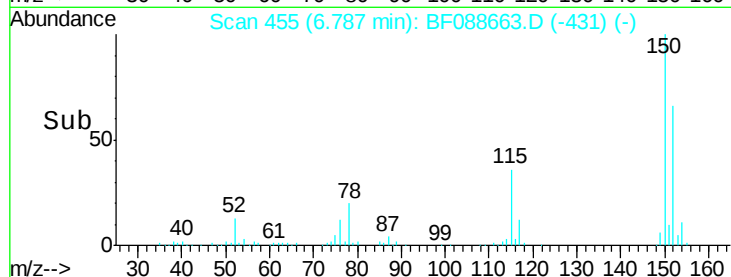
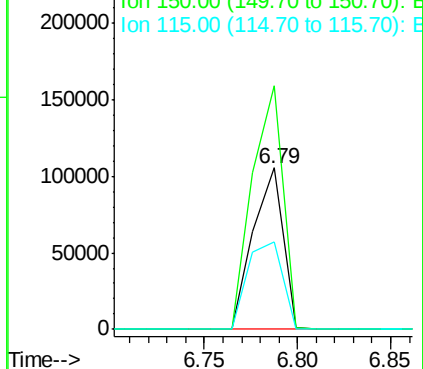
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.79 min Scan# 455  
Delta R.T. -0.02 min  
Lab File: BF088663.D  
Acq: 3 Jul 2016 22:50

Instrument :  
BNA\_F  
ClientSampleId :  
BS-2B-8-8.5FT

Tot Ion:152 Resp: 117129  
Ion Ratio Lower Upper  
152 100  
150 150.8 123.8 185.6  
115 54.0 39.6 59.4



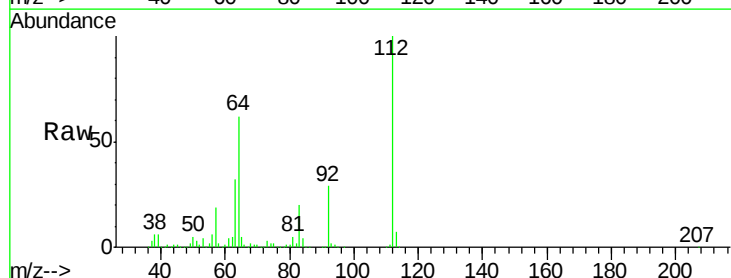
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



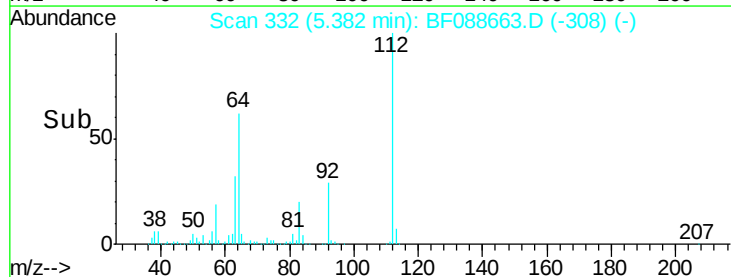
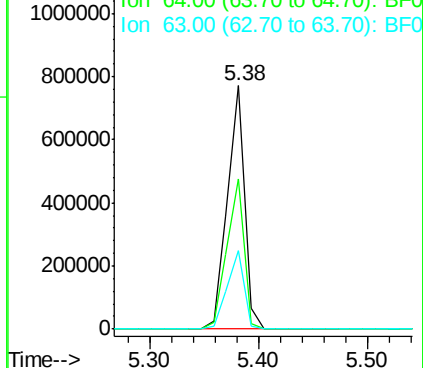
#5

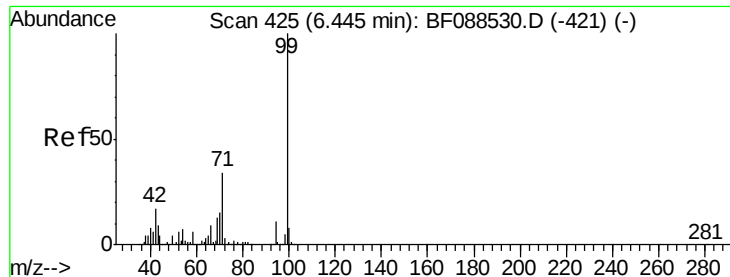
2-Fluorophenol  
Concen: 107.49 ng  
RT: 5.38 min Scan# 332  
Delta R.T. -0.02 min  
Lab File: BF088663.D  
Acq: 3 Jul 2016 22:50

Tgt Ion:112 Resp: 840090  
Ion Ratio Lower Upper  
112 100  
64 61.5 42.2 63.2  
63 32.3 21.8 32.8



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: 112.65 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088663.D

Acq: 3 Jul 2016 22:50

Instrument :

BNA\_F

ClientSampleId :

BS-2B-8-8.5FT

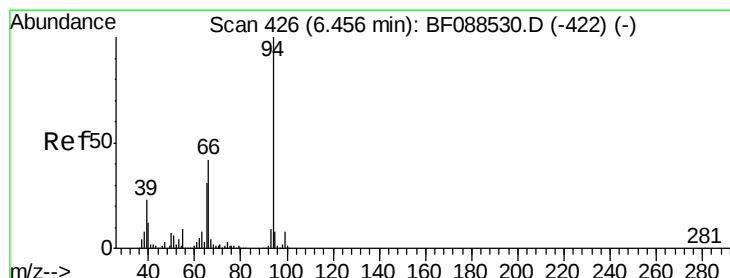
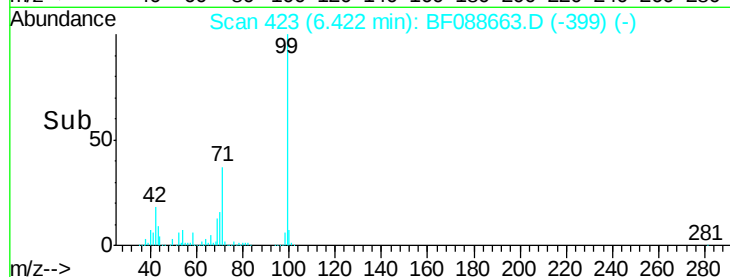
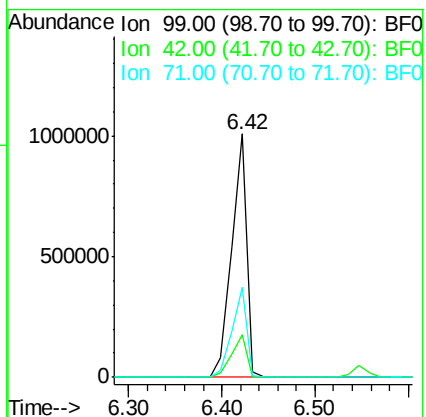
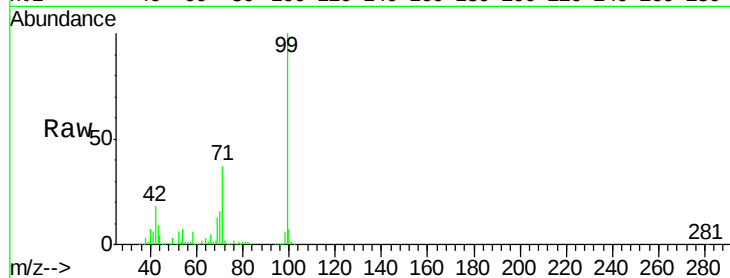
Tot Ion: 99 Resp: 1137574

Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

71 36.8 23.4 35.0#



#10

Phenol

Concen: 2.84 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088663.D

Acq: 3 Jul 2016 22:50

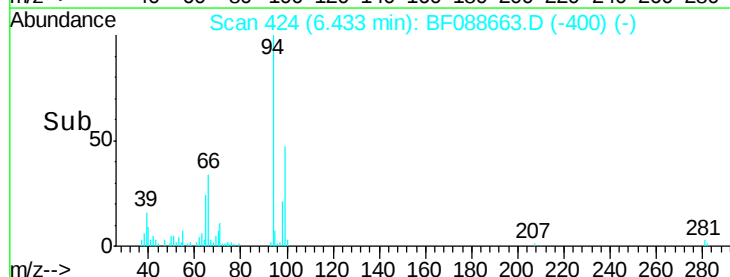
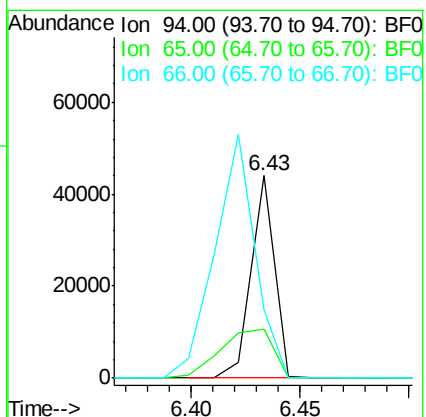
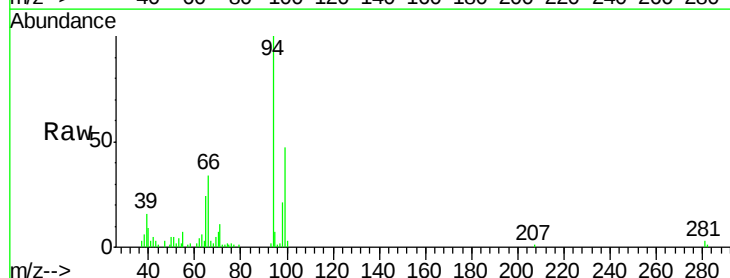
Tgt Ion: 94 Resp: 32771

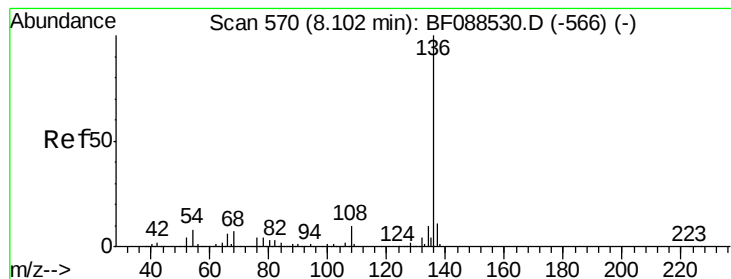
Ion Ratio Lower Upper

94 100

65 24.4 5.9 45.9

66 33.9 14.0 54.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088663.D

Acq: 3 Jul 2016 22:50

Instrument :

BNA\_F

ClientSampleId :

BS-2B-8-8.5FT

Tot Ion:136 Resp: 465571

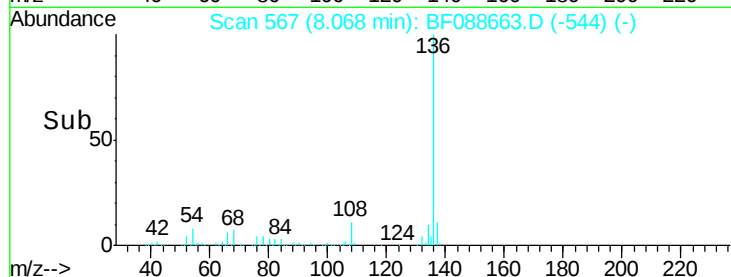
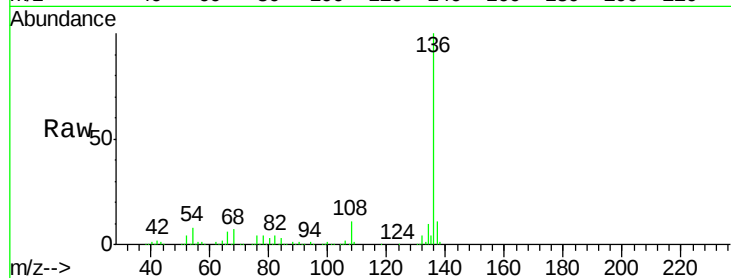
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.8 6.6 10.0

68 6.7 5.1 7.7



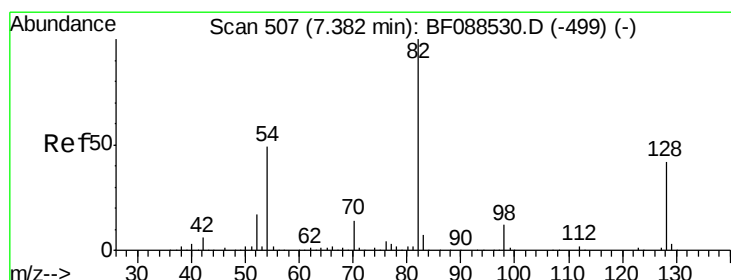
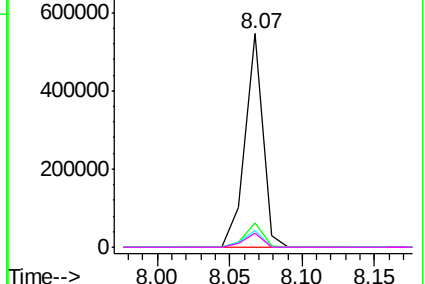
Abundance Ion 136.00 (135.70 to 136.70): E

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

8.07



#23

Nitrobenzene-d5

Concen: 82.39 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088663.D

Acq: 3 Jul 2016 22:50

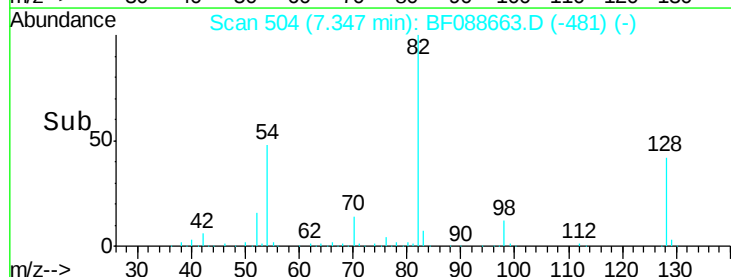
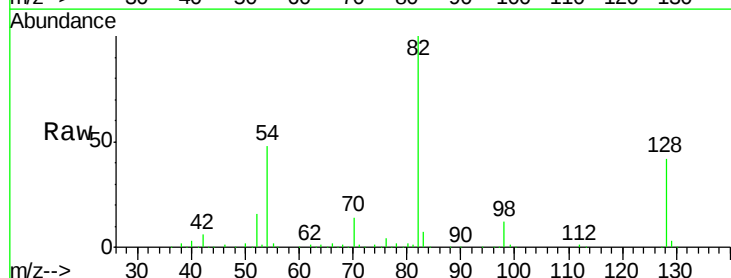
Tgt Ion: 82 Resp: 731941

Ion Ratio Lower Upper

82 100

128 42.2 35.9 53.9

54 47.8 40.9 61.3

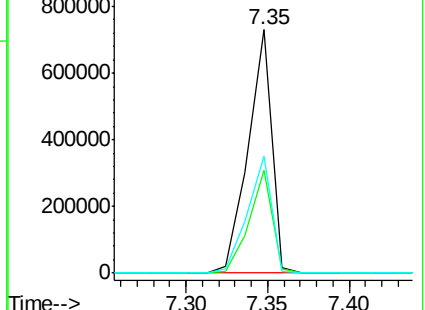


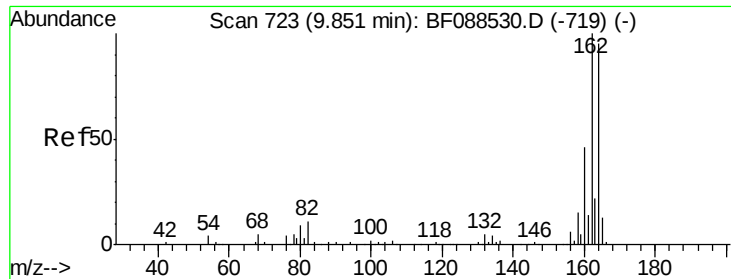
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

7.35

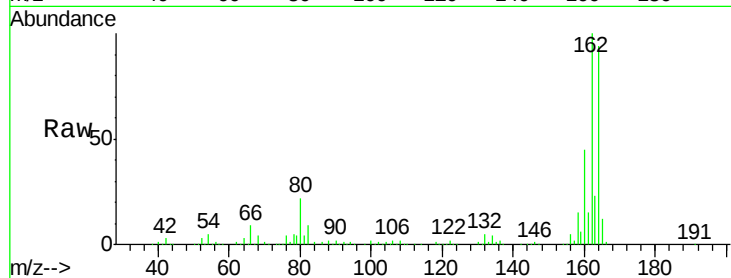




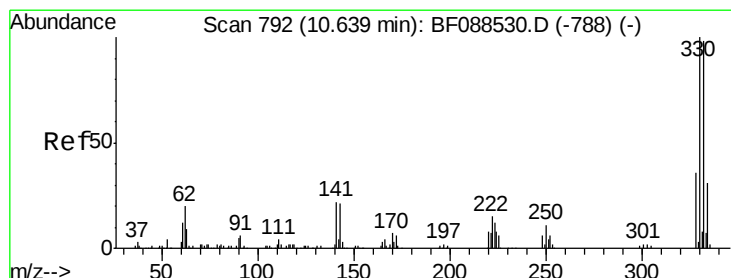
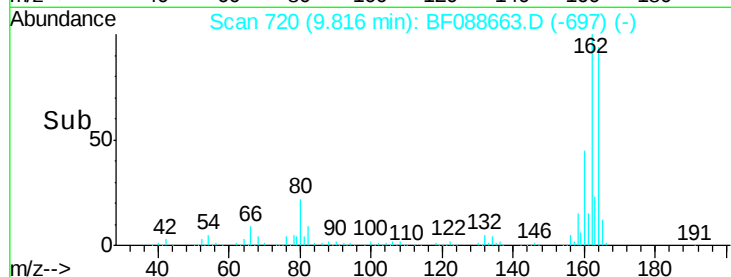
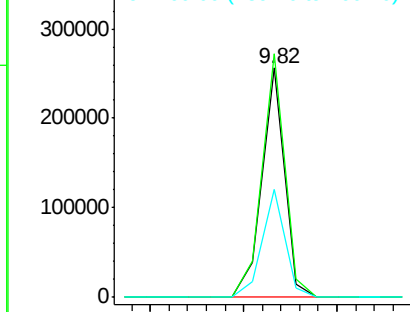
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.82 min Scan# 720  
Delta R.T. -0.03 min  
Lab File: BF088663.D  
Acq: 3 Jul 2016 22:50

Instrument :  
BNA\_F  
ClientSampleId :  
BS-2B-8-8.5FT

Tot Ion:164 Resp: 212560  
Ion Ratio Lower Upper  
164 100  
162 106.4 85.4 128.2  
160 47.4 39.5 59.3

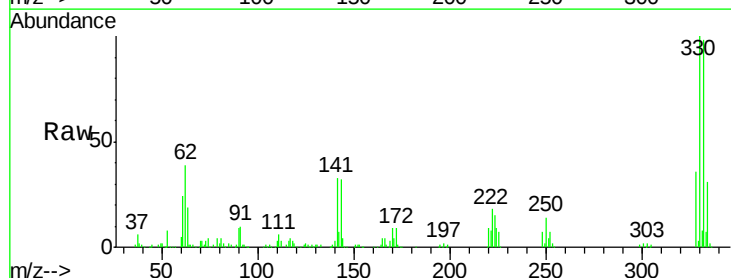


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

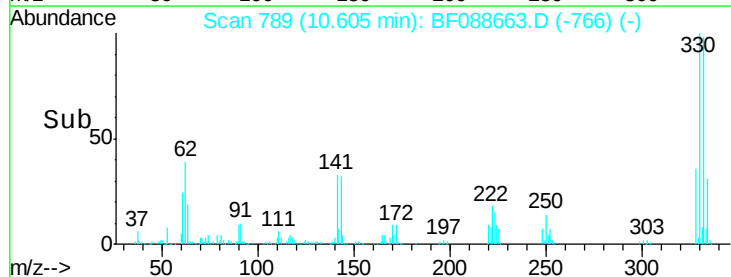
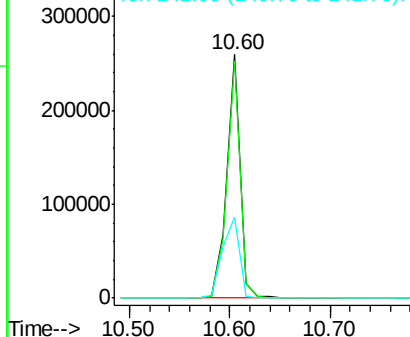


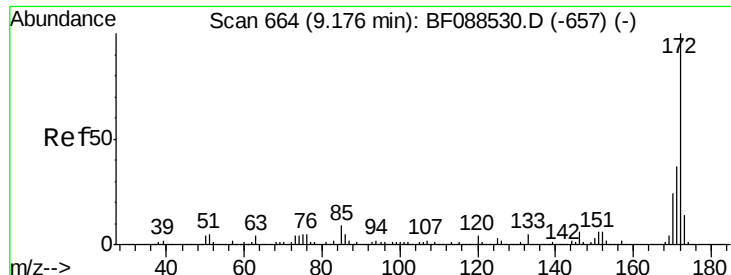
#41  
2,4,6-Tribromophenol  
Concen: 121.55 ng  
RT: 10.60 min Scan# 789  
Delta R.T. -0.03 min  
Lab File: BF088663.D  
Acq: 3 Jul 2016 22:50

Tgt Ion:330 Resp: 239913  
Ion Ratio Lower Upper  
330 100  
332 97.0 0.0 0.0#  
141 41.9 0.0 0.0#



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

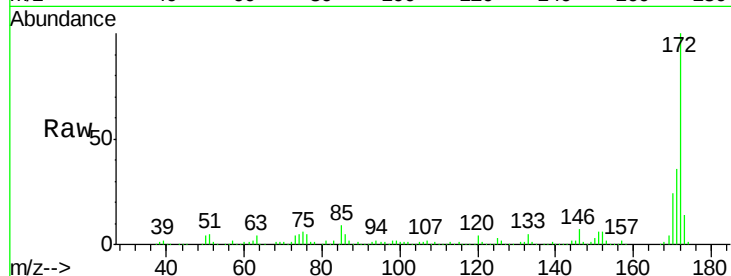




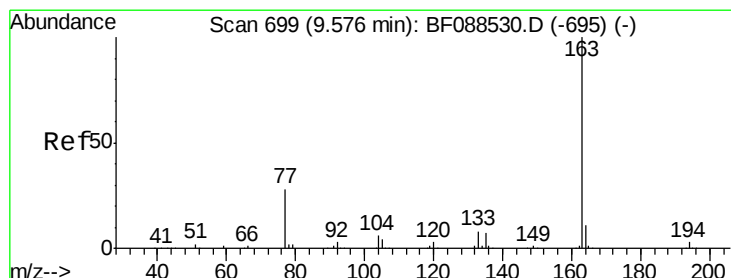
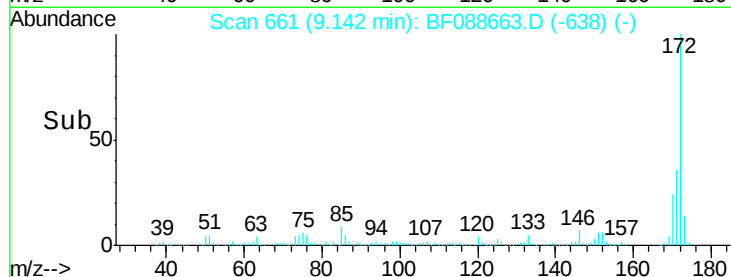
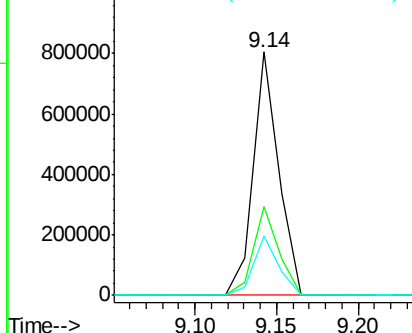
#44  
2-Fluorobiphenyl  
Concen: 64.59 ng  
RT: 9.14 min Scan# 661  
Delta R.T. -0.03 min  
Lab File: BF088663.D  
Acq: 3 Jul 2016 22:50

Instrument :  
BNA\_F  
ClientSampleId :  
BS-2B-8-8.5FT

Tot Ion:172 Resp: 869207  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.6 43.0  
170 24.1 19.2 28.8

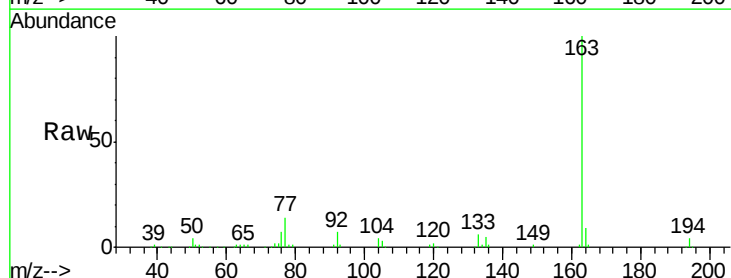


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

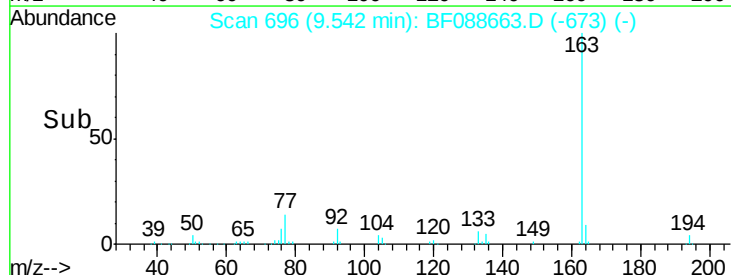
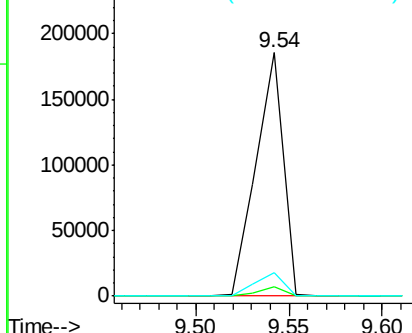


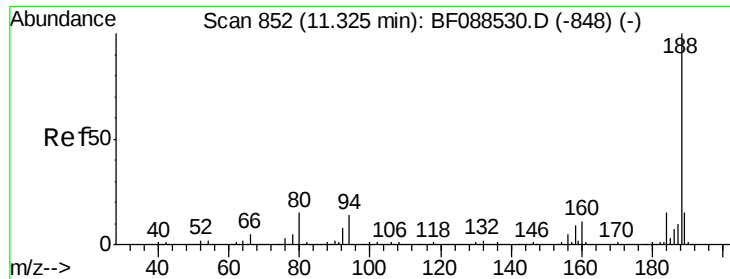
#49  
Dimethylphthalate  
Concen: 12.40 ng  
RT: 9.54 min Scan# 696  
Delta R.T. -0.03 min  
Lab File: BF088663.D  
Acq: 3 Jul 2016 22:50

Tgt Ion:163 Resp: 187787  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.8 4.2  
164 9.4 8.3 12.5



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

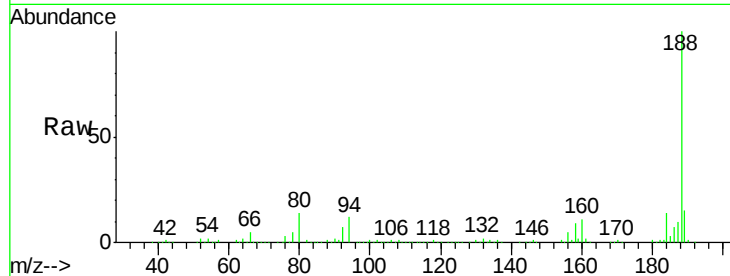




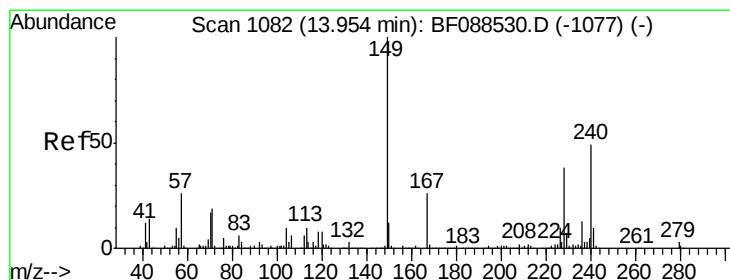
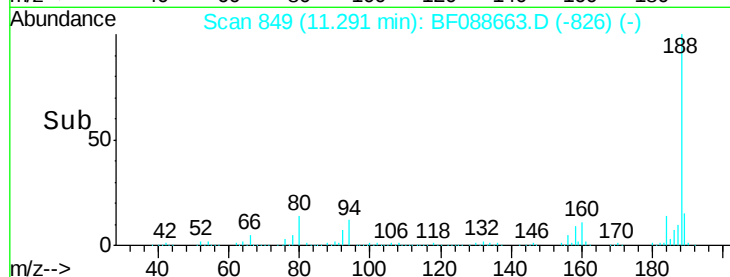
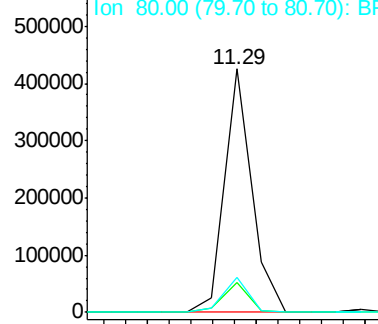
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.29 min Scan# 849  
Delta R.T. -0.03 min  
Lab File: BF088663.D  
Acq: 3 Jul 2016 22:50

Instrument :  
BNA\_F  
ClientSampled :  
BS-2B-8-8.5FT

Tot Ion:188 Resp: 370575  
Ion Ratio Lower Upper  
188 100  
94 12.4 9.0 13.6  
80 14.4 10.0 15.0

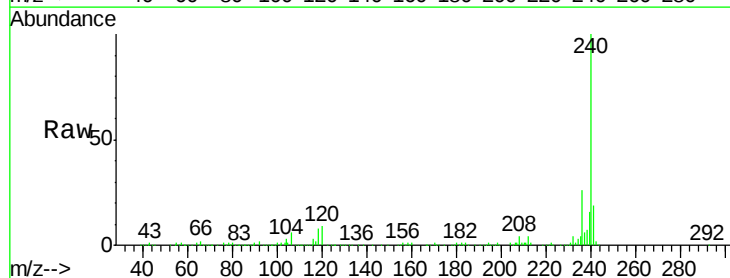


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

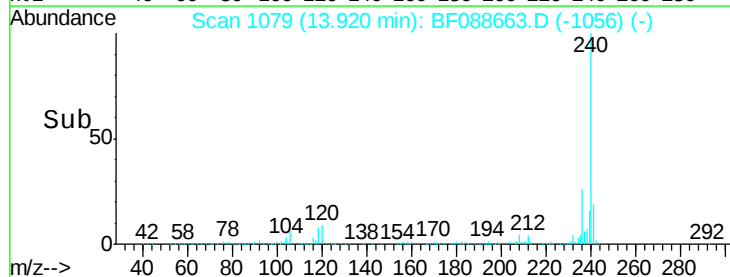
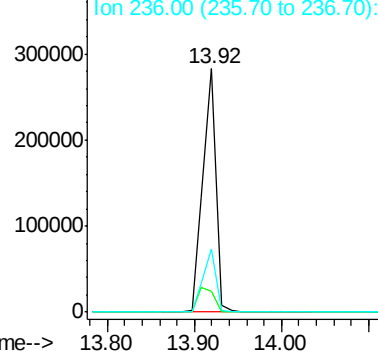


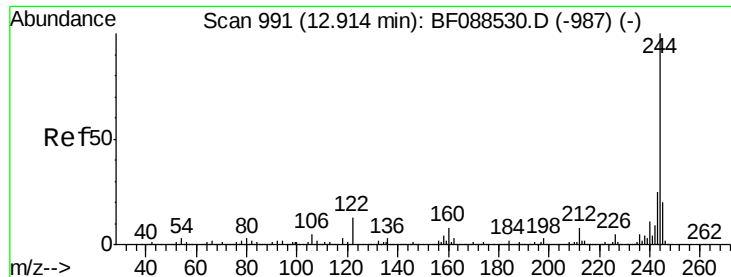
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.92 min Scan# 1079  
Delta R.T. -0.03 min  
Lab File: BF088663.D  
Acq: 3 Jul 2016 22:50

Tgt Ion:240 Resp: 294000  
Ion Ratio Lower Upper  
240 100  
120 8.6 6.8 10.2  
236 26.1 20.2 30.2



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

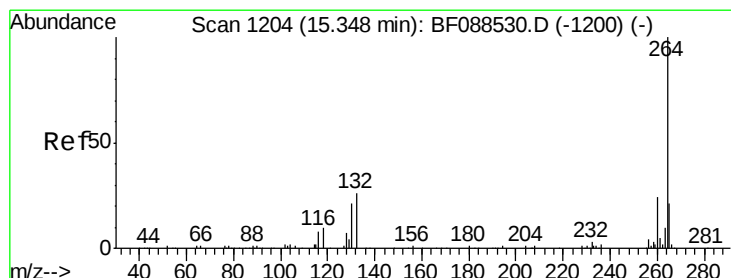
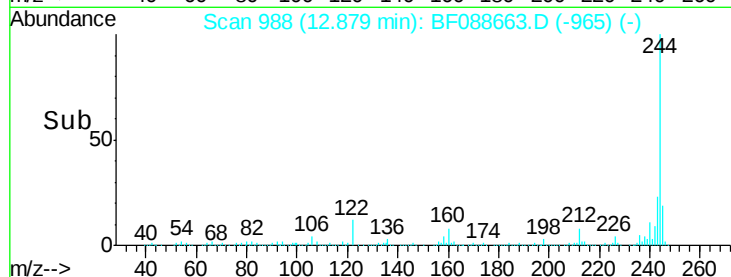
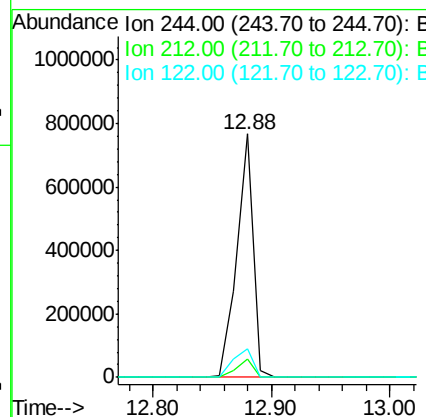
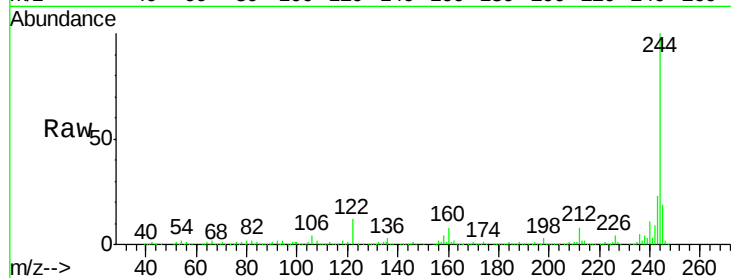




#78  
 Terphenyl-d14  
 Concen: 55.45 ng  
 RT: 12.88 min Scan# 988  
 Delta R.T. -0.03 min  
 Lab File: BF088663.D  
 Acq: 3 Jul 2016 22:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BS-2B-8-8.5FT

Tot Ion:244 Resp: 731983  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.0 9.0  
 122 11.6 11.2 16.8



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.31 min Scan# 1201  
 Delta R.T. -0.03 min  
 Lab File: BF088663.D  
 Acq: 3 Jul 2016 22:50

Tgt Ion:264 Resp: 227877  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.2 28.8  
 265 21.4 16.9 25.3

