

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070717\  
 Data File : BF096585.D  
 Acq On : 8 Jul 2017 3:24  
 Operator : SJ/MA  
 Sample : I4075-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP8-MH2104-COMP

Quant Time: Jul 08 04:40:57 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 07 13:02:33 2017  
 Response via : Initial Calibration

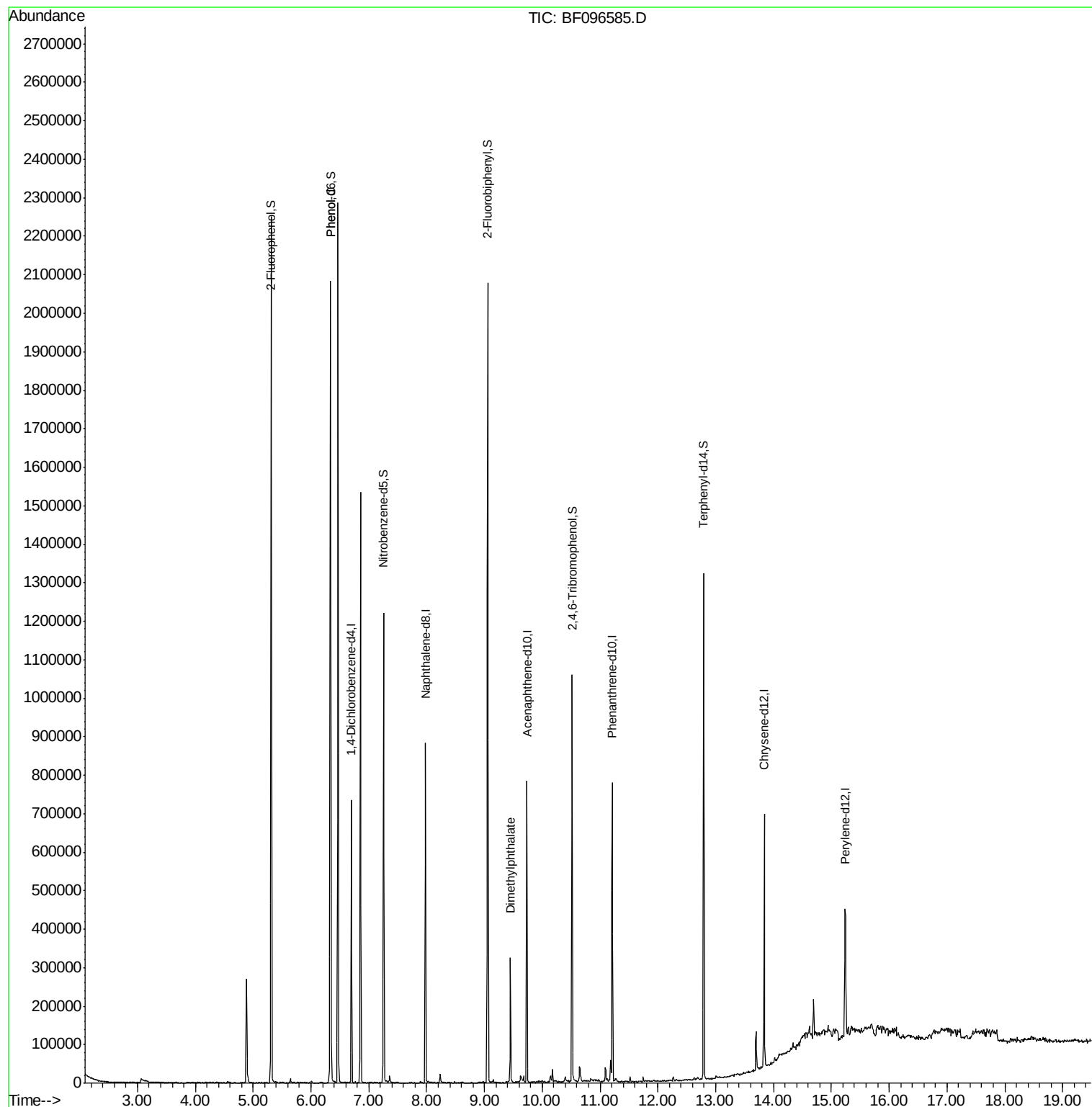
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 100001   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.98  | 136  | 371214   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.73  | 164  | 157368   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.21 | 188  | 256122   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.84 | 240  | 198552   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.24 | 264  | 135472   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.31  | 112  | 607978   | 89.73  | ng    | 0.00     |
| 7) Phenol-d6                | 6.34  | 99   | 701776   | 84.25  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 333804   | 54.04  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.52 | 330  | 102912   | 83.72  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 575520   | 62.53  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.79 | 244  | 383061   | 41.23  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.35  | 94   | 21530    | 2.269  | ng    | 85       |
| 49) Dimethylphthalate       | 9.45  | 163  | 123644   | 10.525 | ng    | 98       |

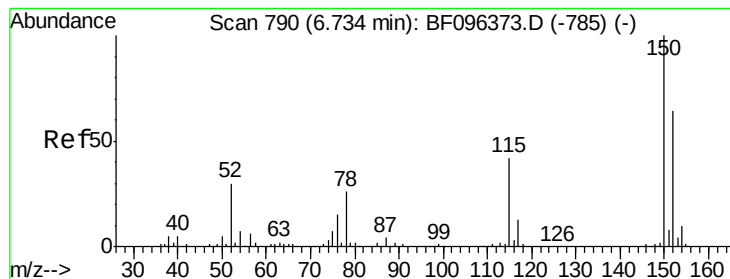
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 23 Sample Multiplier: 1

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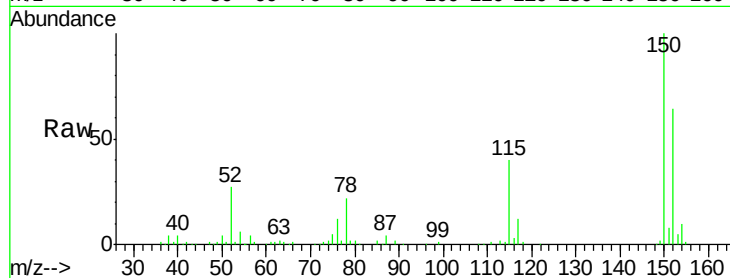


#1

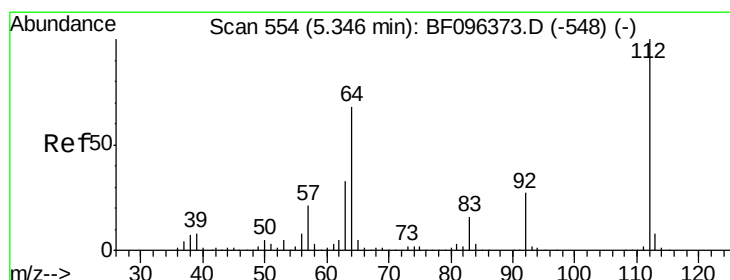
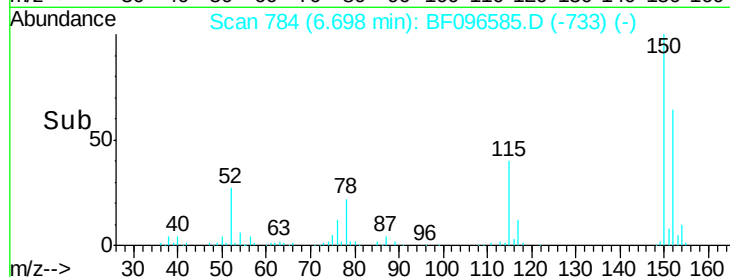
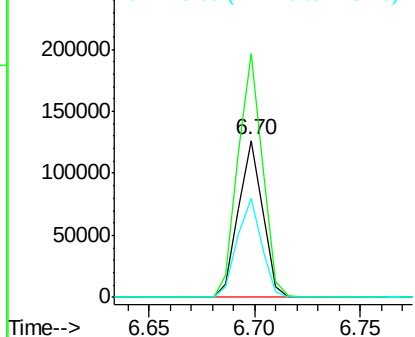
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 784  
Delta R.T. -0.00 min  
Lab File: BF096585.D  
Acq: 8 Jul 2017 3:24

Instrument :  
BNA\_F  
ClientSampleId :  
TP8-MH2104-COMP

Tgt Ion:152 Resp: 100001  
Ion Ratio Lower Upper  
152 100  
150 155.4 126.2 189.2  
115 62.9 52.2 78.2



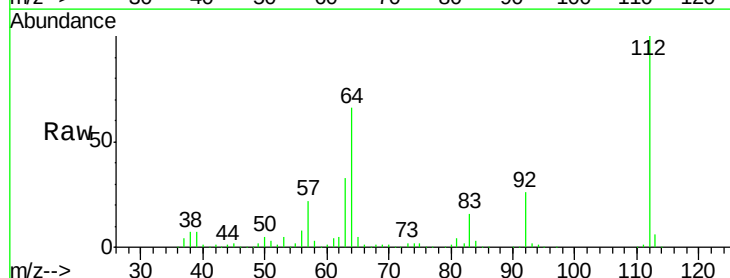
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



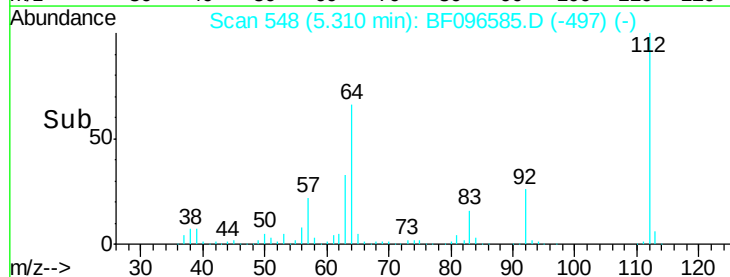
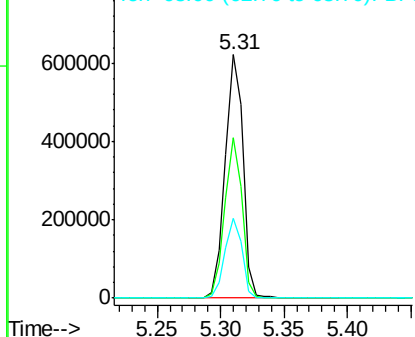
#5

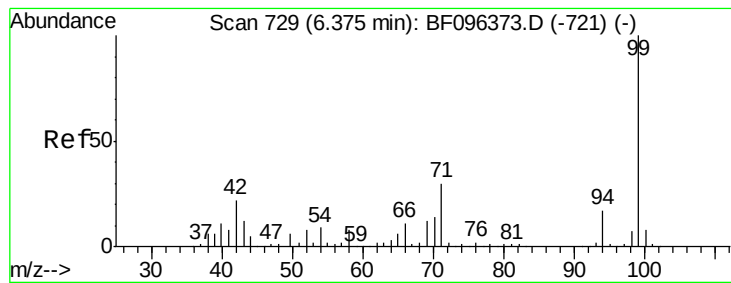
2-Fluorophenol  
Concen: 89.735 ng  
RT: 5.31 min Scan# 548  
Delta R.T. -0.00 min  
Lab File: BF096585.D  
Acq: 8 Jul 2017 3:24

Tgt Ion:112 Resp: 607978  
Ion Ratio Lower Upper  
112 100  
64 66.0 46.0 69.0  
63 33.0 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: 84.254 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096585.D

Acq: 8 Jul 2017 3:24

Instrument :

BNA\_F

ClientSampleId :

TP8-MH2104-COMP

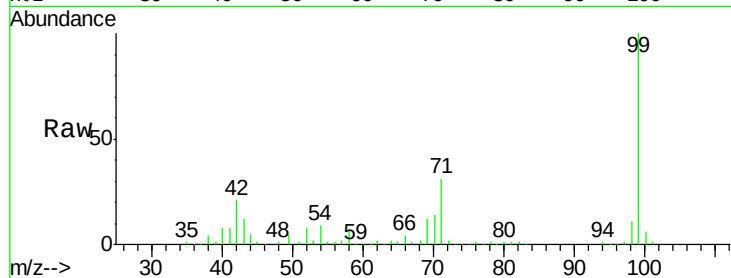
Tgt Ion: 99 Resp: 701776

Ion Ratio Lower Upper

99 100

42 21.4 13.5 20.3#

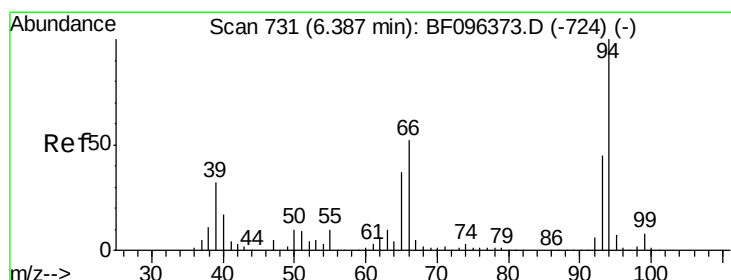
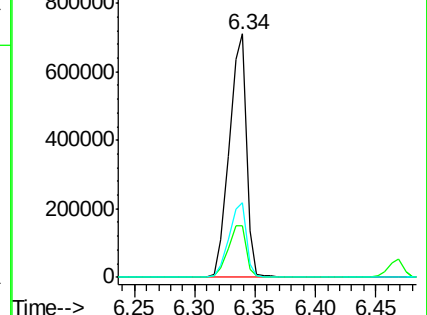
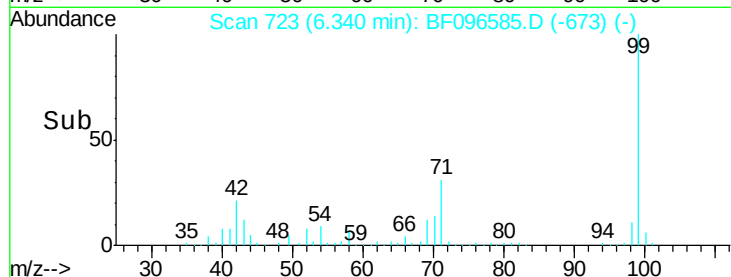
71 30.8 24.5 36.7



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



#10

Phenol

Concen: 2.269 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096585.D

Acq: 8 Jul 2017 3:24

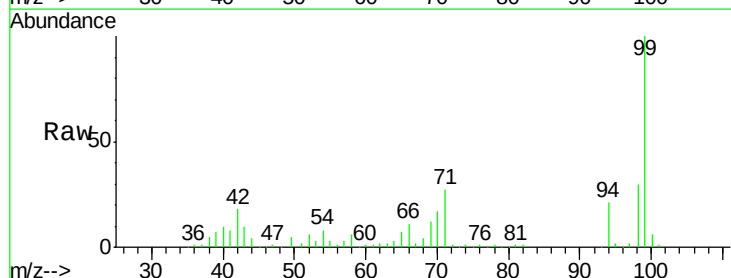
Tgt Ion: 94 Resp: 21530

Ion Ratio Lower Upper

94 100

65 35.1 9.9 49.9

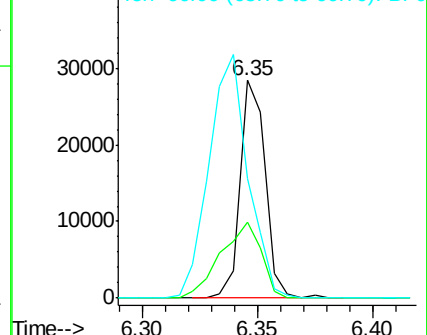
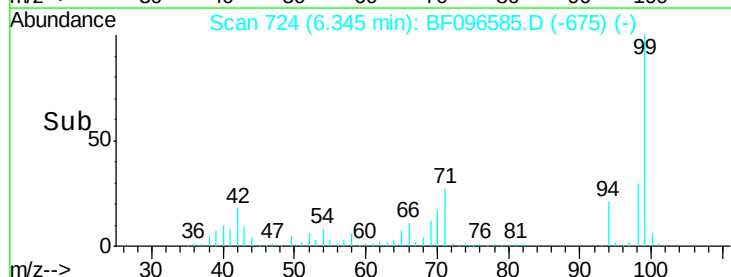
66 54.7 23.1 63.1

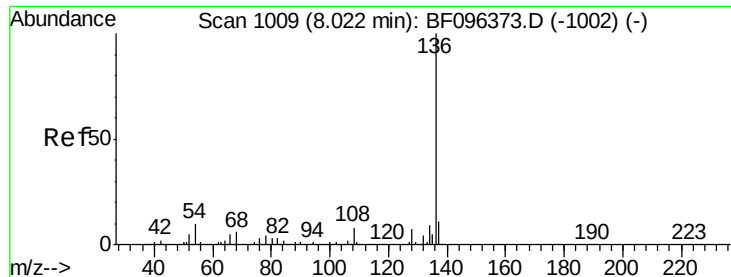


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

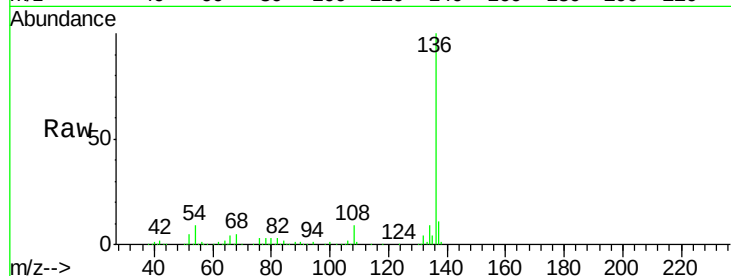




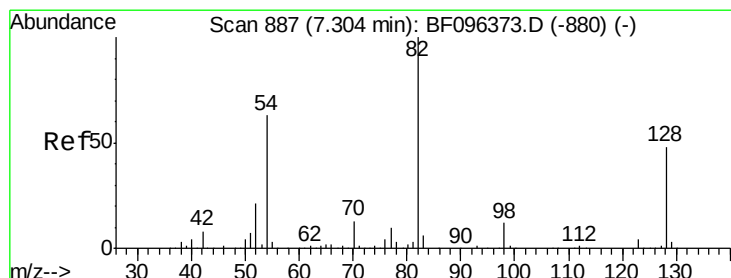
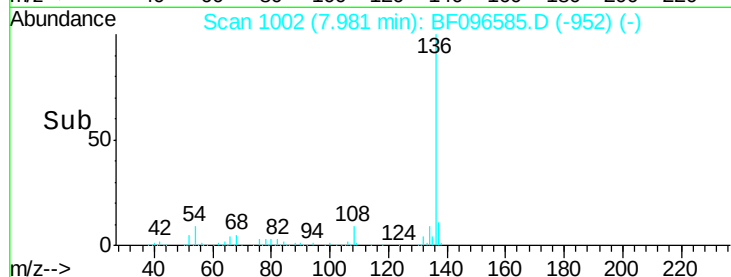
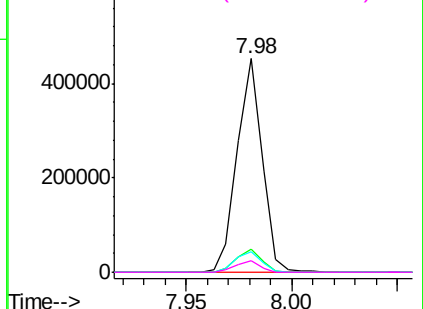
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BF096585.D  
Acq: 8 Jul 2017 3:24

Instrument :  
BNA\_F  
ClientSampleId :  
TP8-MH2104-COMP

Tgt Ion: 136 Resp: 371214  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.5 12.7  
54 9.5 4.9 7.3#  
68 5.3 4.1 6.1

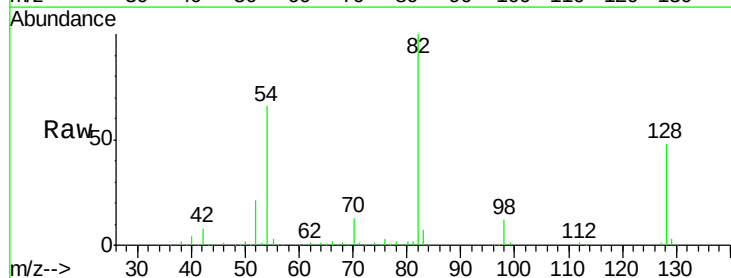


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

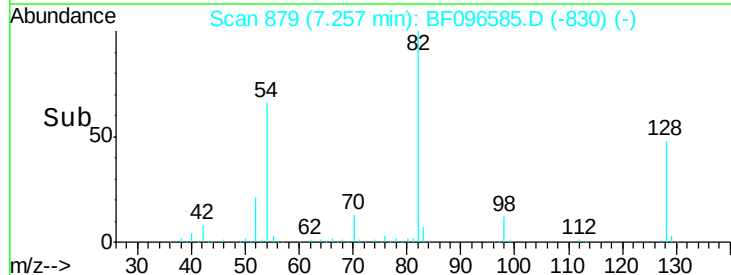
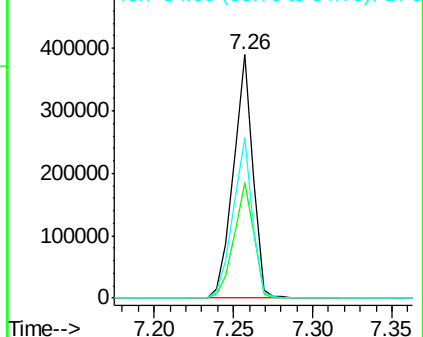


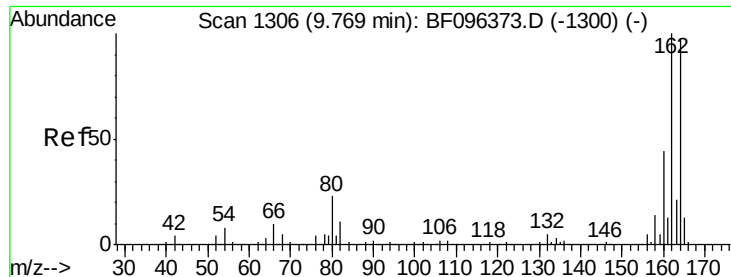
#23  
Nitrobenzene-d5  
Concen: 54.035 ng  
RT: 7.26 min Scan# 879  
Delta R.T. -0.01 min  
Lab File: BF096585.D  
Acq: 8 Jul 2017 3:24

Tgt Ion: 82 Resp: 333804  
Ion Ratio Lower Upper  
82 100  
128 47.6 34.0 51.0  
54 66.0 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

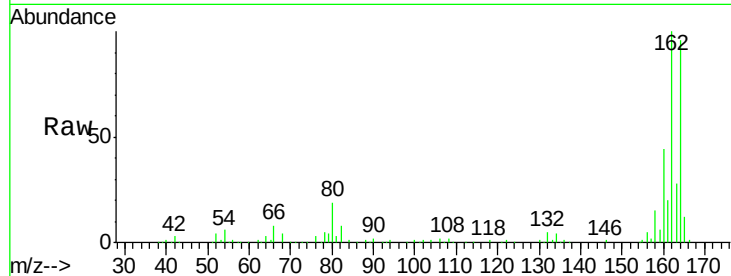




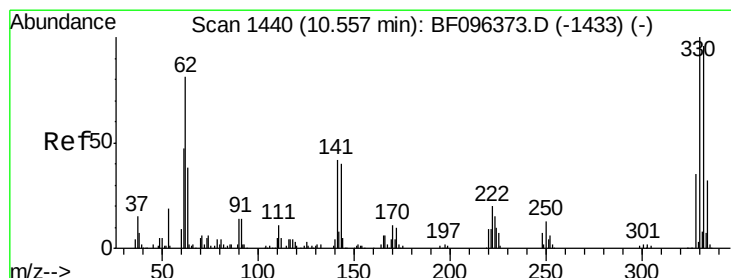
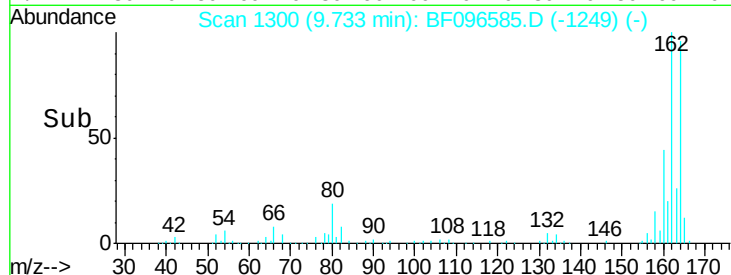
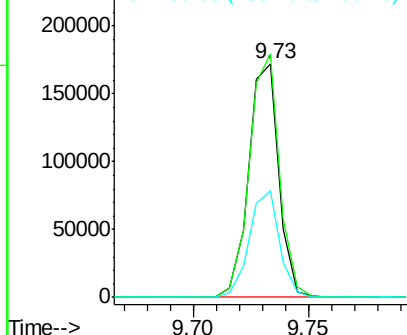
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.73 min Scan# 1300  
 Delta R.T. -0.00 min  
 Lab File: BF096585.D  
 Acq: 8 Jul 2017 3:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP8-MH2104-COMP

Tgt Ion:164 Resp: 157368  
 Ion Ratio Lower Upper  
 164 100  
 162 104.2 82.6 123.8  
 160 45.9 36.2 54.2

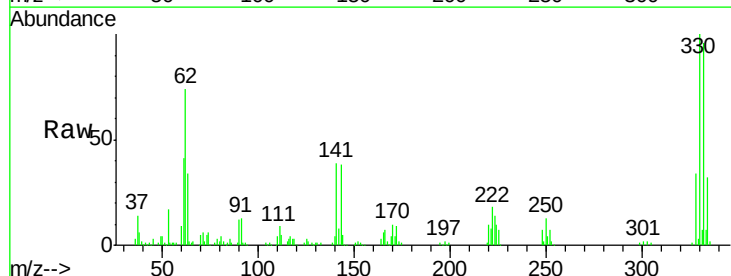


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

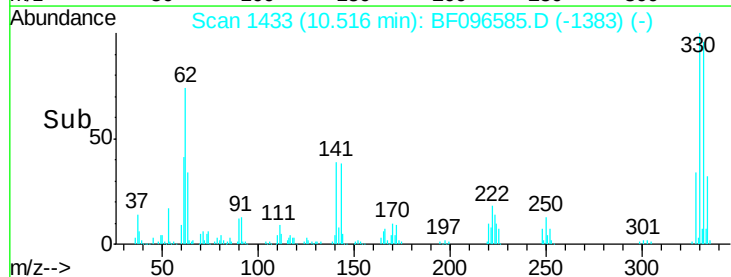
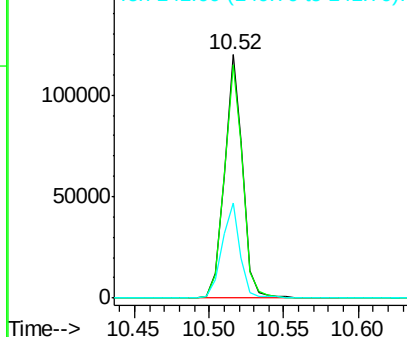


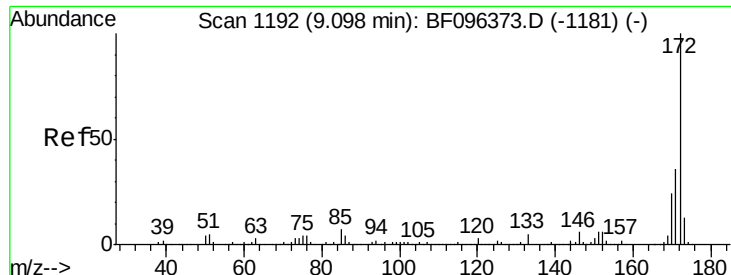
#41  
 2,4,6-Tribromophenol  
 Concen: 83.720 ng  
 RT: 10.52 min Scan# 1433  
 Delta R.T. -0.01 min  
 Lab File: BF096585.D  
 Acq: 8 Jul 2017 3:24

Tgt Ion:330 Resp: 102912  
 Ion Ratio Lower Upper  
 330 100  
 332 97.7 76.6 115.0  
 141 38.8 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

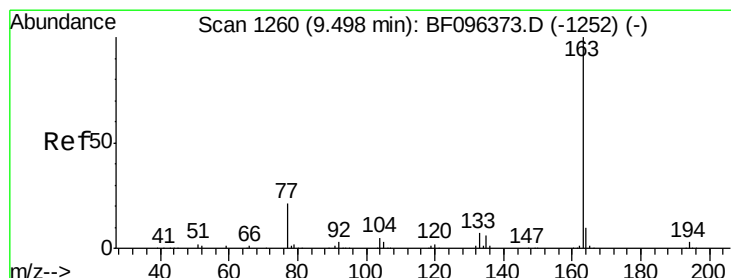
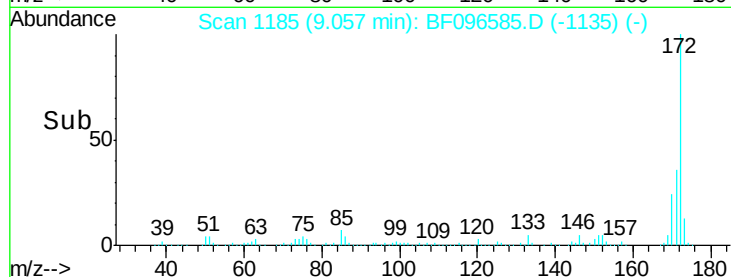
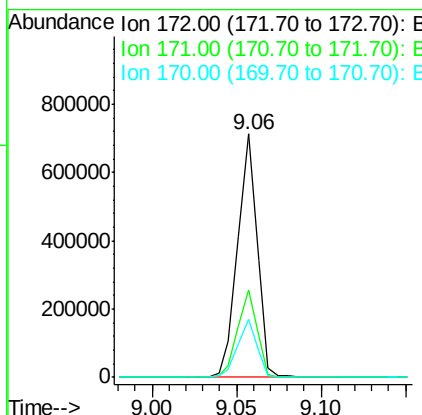
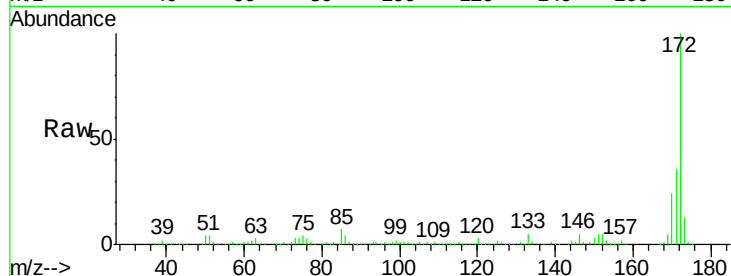




#44  
 2-Fluorobiphenyl  
 Concen: 62.529 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. -0.01 min  
 Lab File: BF096585.D  
 Acq: 8 Jul 2017 3:24

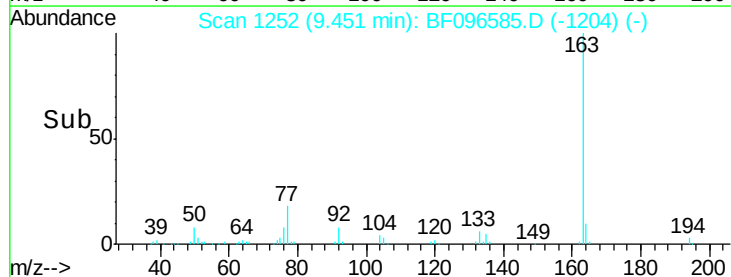
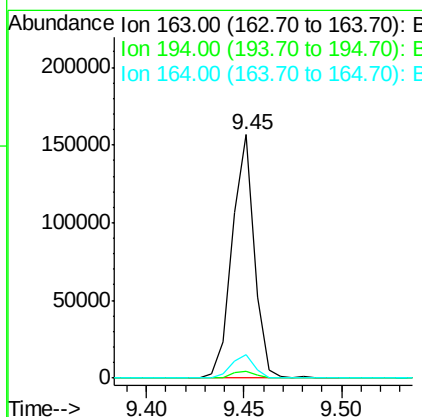
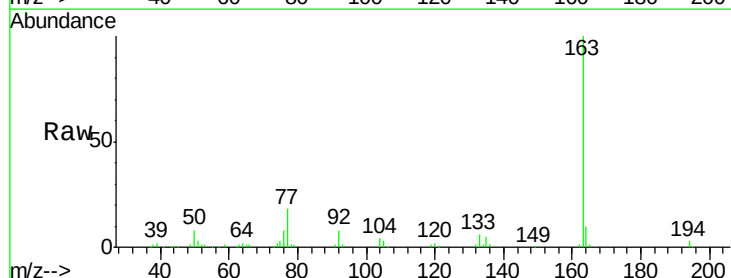
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP8-MH2104-COMP

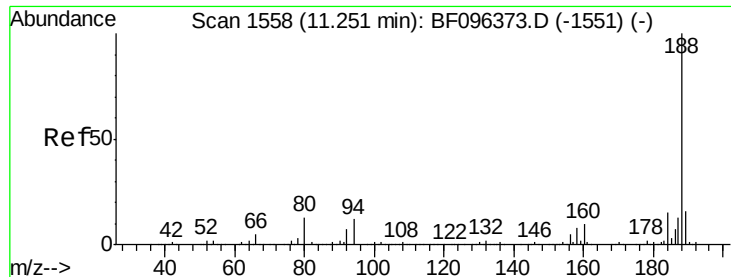
Tgt Ion:172 Resp: 575520  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 29.6 44.4  
 170 23.9 19.8 29.8



#49  
 Dimethylphthalate  
 Concen: 10.525 ng  
 RT: 9.45 min Scan# 1252  
 Delta R.T. -0.02 min  
 Lab File: BF096585.D  
 Acq: 8 Jul 2017 3:24

Tgt Ion:163 Resp: 123644  
 Ion Ratio Lower Upper  
 163 100  
 194 3.0 2.6 4.0  
 164 9.6 8.4 12.6

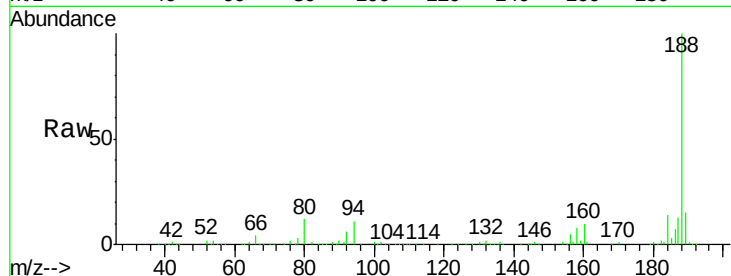




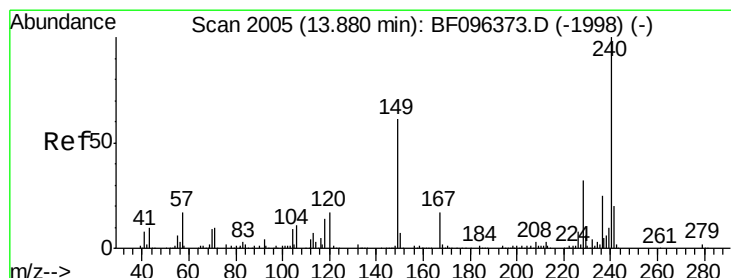
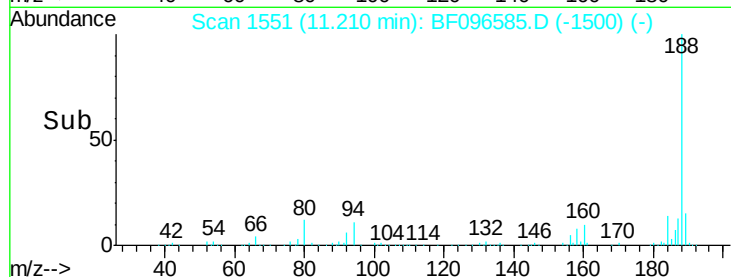
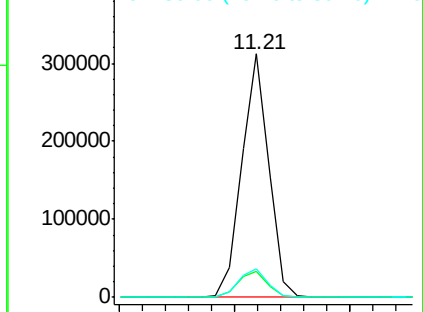
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.21 min Scan# 1551  
Delta R.T. -0.00 min  
Lab File: BF096585.D  
Acq: 8 Jul 2017 3:24

Instrument :  
BNA\_F  
ClientSampleId :  
TP8-MH2104-COMP

Tgt Ion:188 Resp: 256122  
Ion Ratio Lower Upper  
188 100  
94 10.9 9.4 14.2  
80 11.5 10.2 15.2

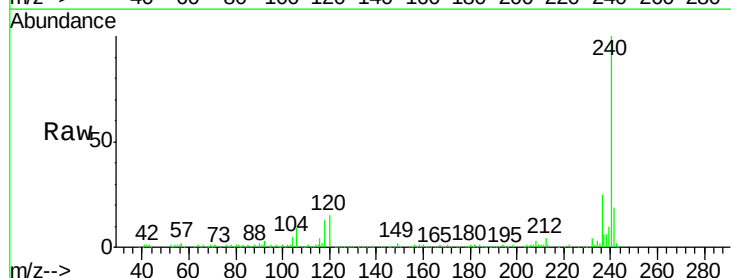


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

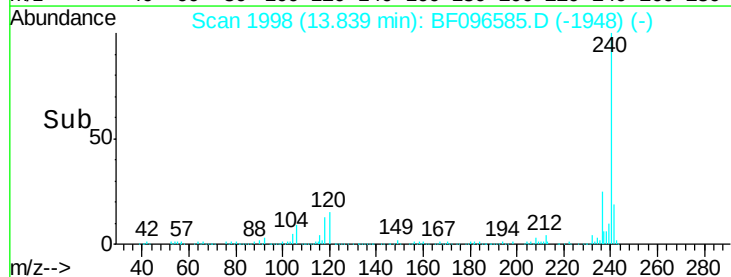
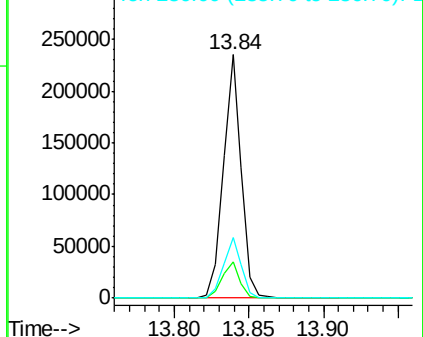


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.84 min Scan# 1998  
Delta R.T. -0.01 min  
Lab File: BF096585.D  
Acq: 8 Jul 2017 3:24

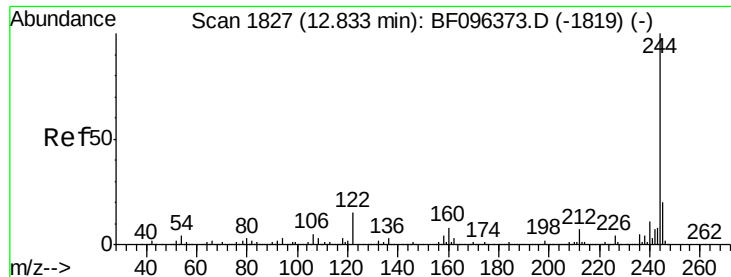
Tgt Ion:240 Resp: 198552  
Ion Ratio Lower Upper  
240 100  
120 15.0 5.8 8.8#  
236 24.7 20.5 30.7



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



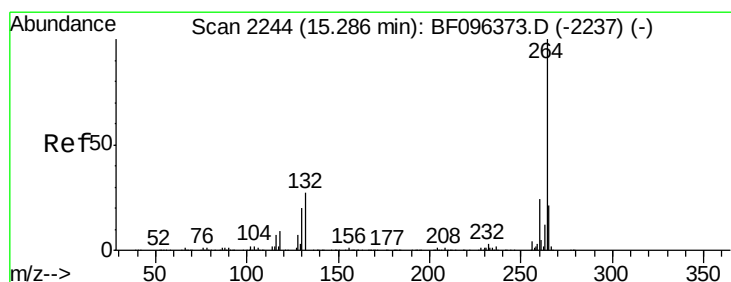
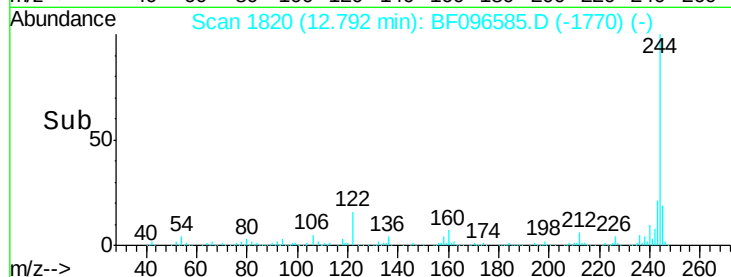
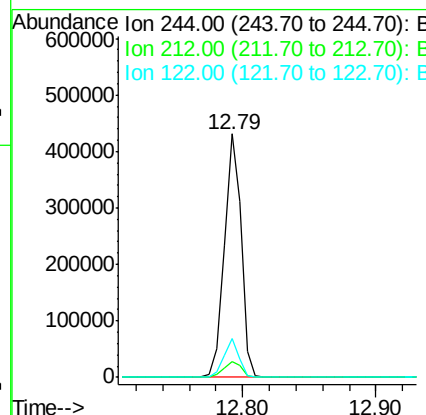
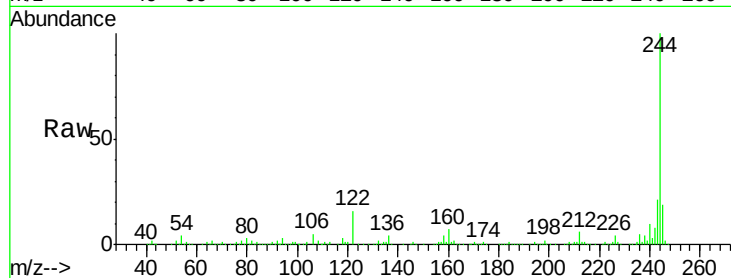




#78  
 Terphenyl-d14  
 Concen: 41.225 ng  
 RT: 12.79 min Scan# 1820  
 Delta R.T. -0.01 min  
 Lab File: BF096585.D  
 Acq: 8 Jul 2017 3:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP8-MH2104-COMP

Tgt Ion:244 Resp: 383061  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 6.0 9.0  
 122 15.7 10.3 15.5#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.24 min Scan# 2236  
 Delta R.T. -0.01 min  
 Lab File: BF096585.D  
 Acq: 8 Jul 2017 3:24

Tgt Ion:264 Resp: 135472  
 Ion Ratio Lower Upper  
 264 100  
 260 25.3 19.5 29.3  
 265 22.1 17.2 25.8

