

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\  
 Data File : BF110592.D  
 Acq On : 8 Nov 2018 18:39  
 Operator : JU/SJ  
 Sample : J5851-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 110618-DBRI-F-U-B

Quant Time: Nov 09 12:23:31 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 08 14:14:47 2018  
 Response via : Initial Calibration

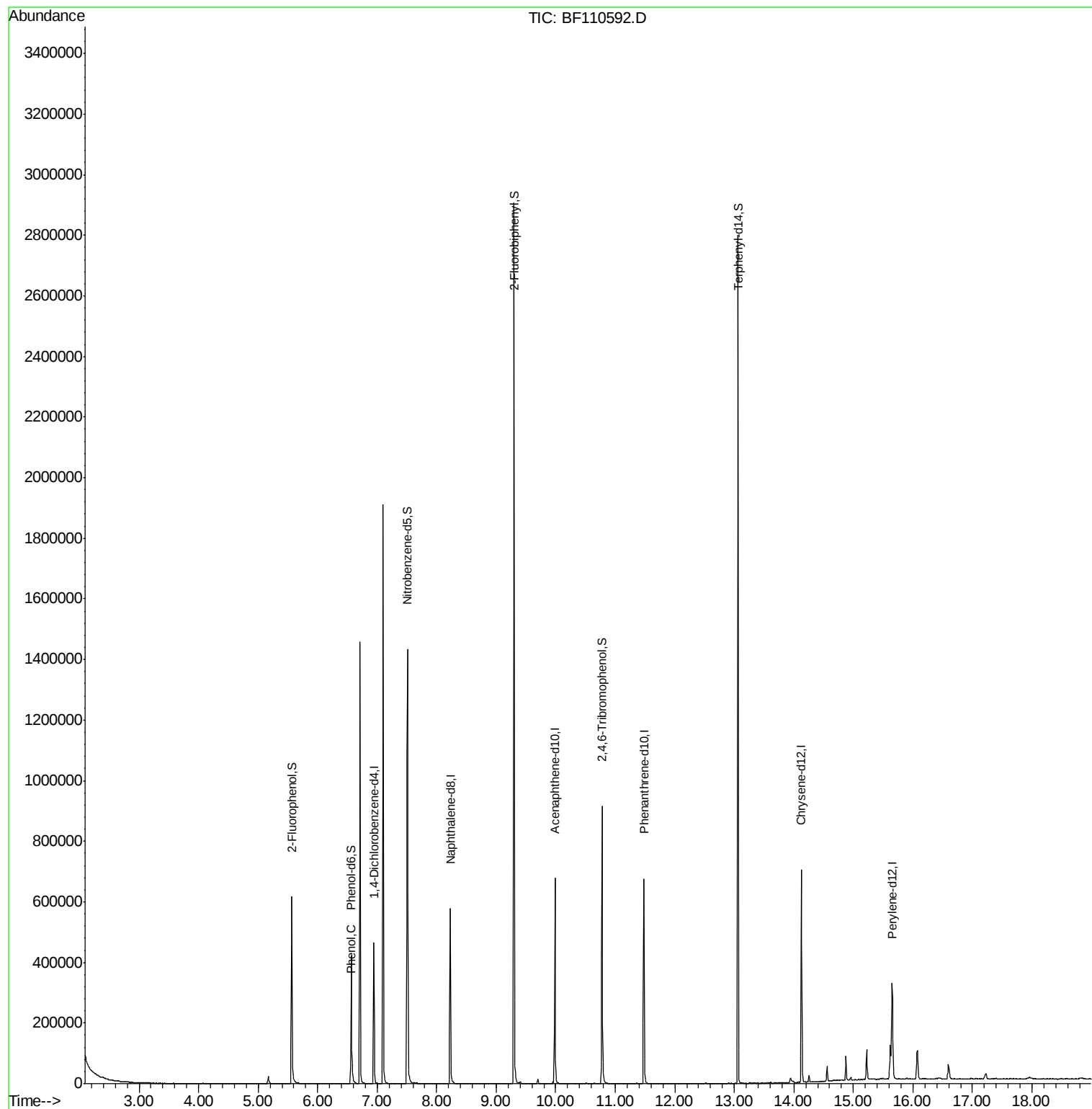
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.95  | 152  | 71932    | 20.00 | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.23  | 136  | 300268   | 20.00 | ng    | 0.00           |
| 39) Acenaphthene-d10        | 9.99  | 164  | 142878   | 20.00 | ng    | 0.00           |
| 64) Phenanthrene-d10        | 11.48 | 188  | 287982   | 20.00 | ng    | 0.00           |
| 76) Chrysene-d12            | 14.13 | 240  | 238499   | 20.00 | ng    | -0.01          |
| 87) Perylene-d12            | 15.65 | 264  | 166973   | 20.00 | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |       |       |                |
| 5) 2-Fluorophenol           | 5.56  | 112  | 186145   | 42.03 | ng    | 0.00           |
| 7) Phenol-d6                | 6.56  | 99   | 147381   | 26.03 | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 7.51  | 82   | 491601   | 94.29 | ng    | 0.00           |
| 42) 2,4,6-Tribromophenol    | 10.78 | 330  | 110325   | 76.63 | ng    | 0.00           |
| 45) 2-Fluorobiphenyl        | 9.30  | 172  | 959253   | 95.89 | ng    | 0.00           |
| 79) Terphenyl-d14           | 13.06 | 244  | 937605   | 73.62 | ng    | 0.00           |
| Target Compounds            |       |      |          |       |       |                |
| 10) Phenol                  | 6.57  | 94   | 16404    | 2.498 | ng    | Qvalue<br># 73 |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\  
Data File : BF110592.D  
Acq On : 8 Nov 2018 18:39  
Operator : JU/SJ  
Sample : J5851-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
110618-DBRI-F-U-B

Quant Time: Nov 09 12:23:31 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 08 14:14:47 2018  
Response via : Initial Calibration



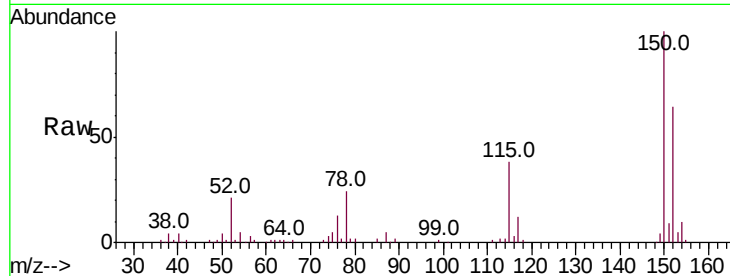


#1

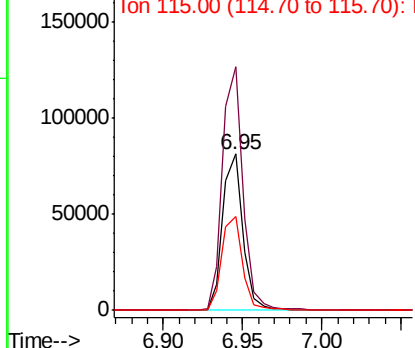
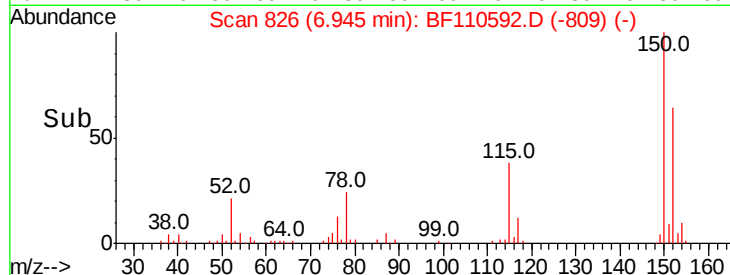
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: BF110592.D  
Acq: 8 Nov 2018 18:39

Instrument :  
BNA\_F  
ClientSampleId :  
110618-DBRI-F-U-B

Tot Ion:152 Resp: 71932  
Ion Ratio Lower Upper  
152 100  
150 155.7 122.7 184.1  
115 59.9 49.1 73.7



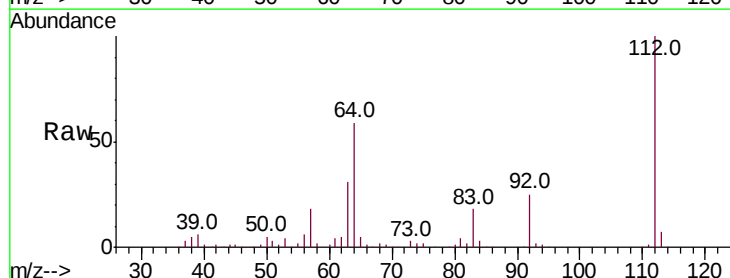
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



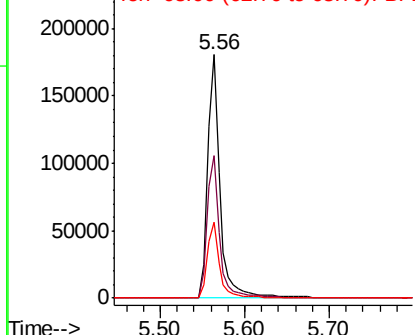
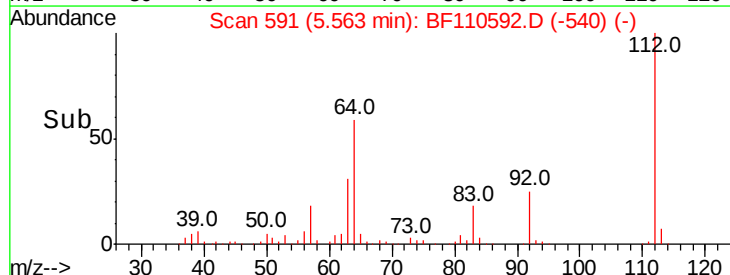
#5

2-Fluorophenol  
Concen: 42.034 ng  
RT: 5.56 min Scan# 591  
Delta R.T. 0.00 min  
Lab File: BF110592.D  
Acq: 8 Nov 2018 18:39

Tgt Ion:112 Resp: 186145  
Ion Ratio Lower Upper  
112 100  
64 58.6 44.1 66.1  
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 26.026 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110592.D

Acq: 8 Nov 2018 18:39

Instrument :

BNA\_F

ClientSampleId :

110618-DBRI-F-U-B

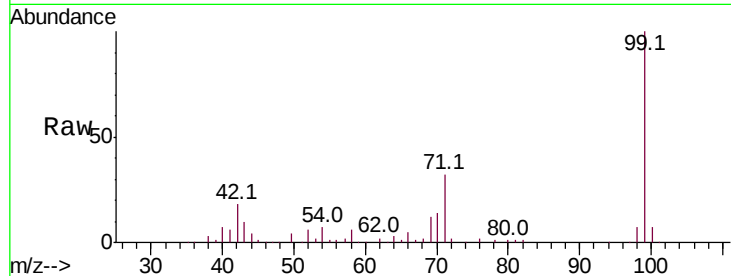
Tot Ion: 99 Resp: 147381

Ion Ratio Lower Upper

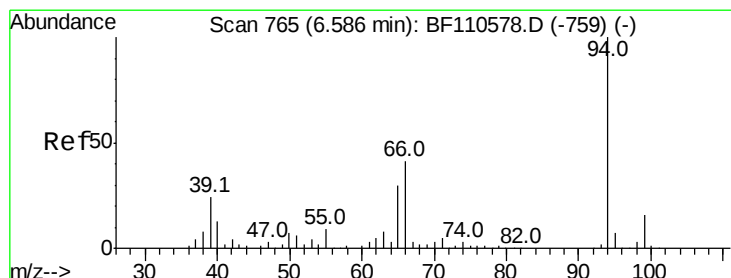
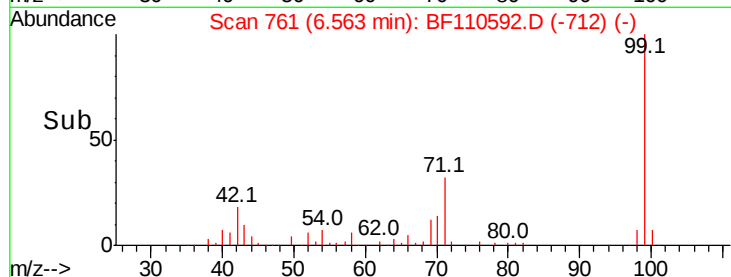
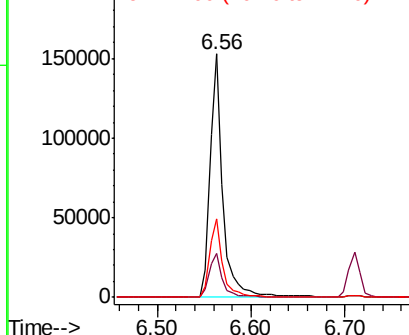
99 100

42 18.2 15.8 23.6

71 32.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.498 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110592.D

Acq: 8 Nov 2018 18:39

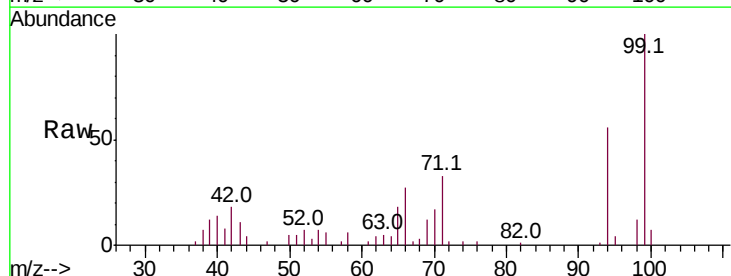
Tgt Ion: 94 Resp: 16404

Ion Ratio Lower Upper

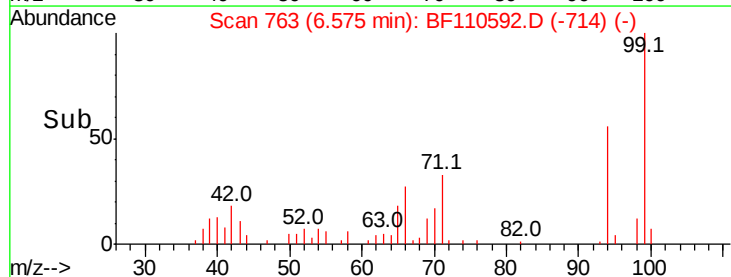
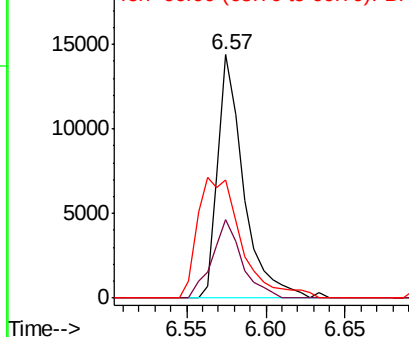
94 100

65 32.1 25.3 65.3

66 48.4 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1

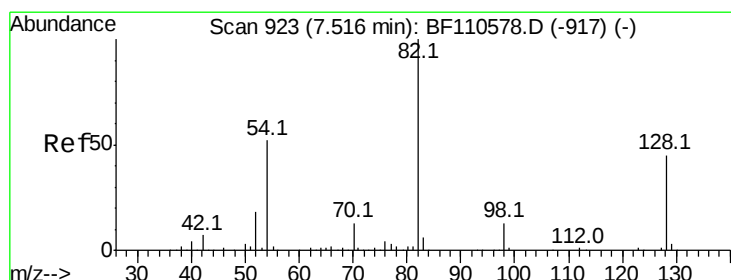
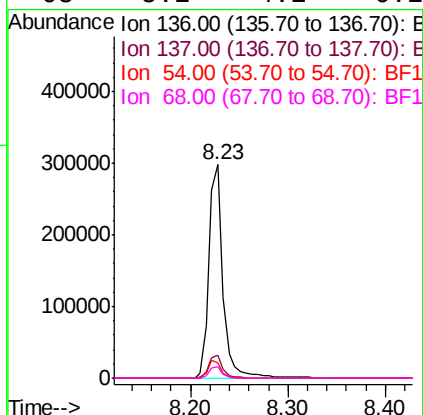
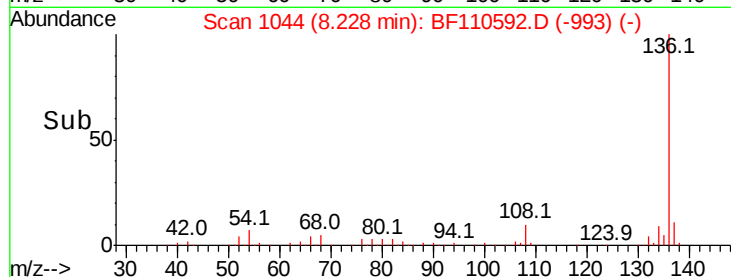
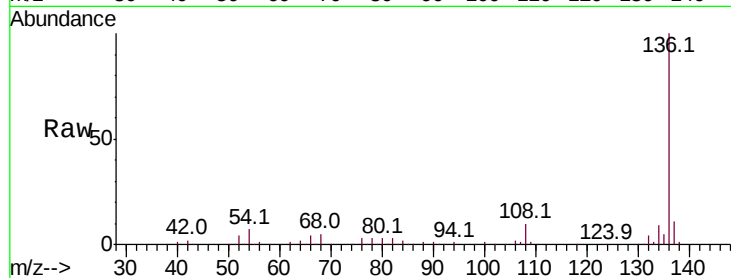




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: BF110592.D  
Acq: 8 Nov 2018 18:39

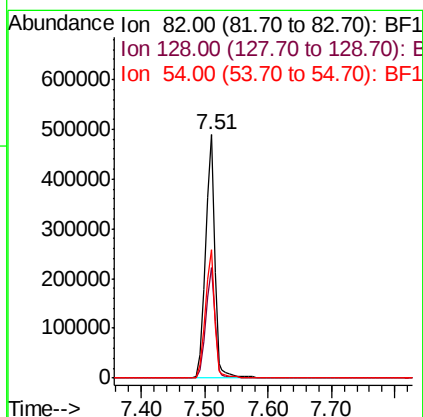
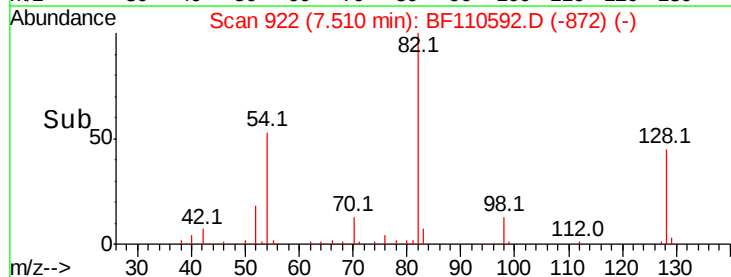
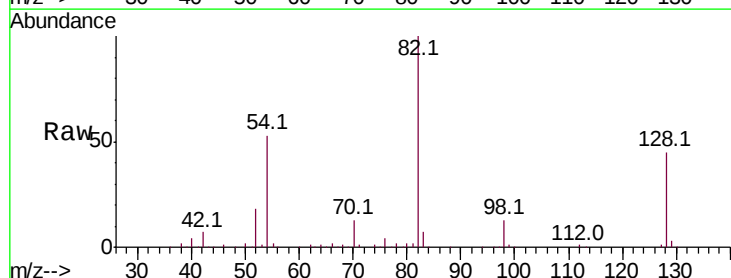
Instrument :  
BNA\_F  
ClientSampleId :  
110618-DBRI-F-U-B

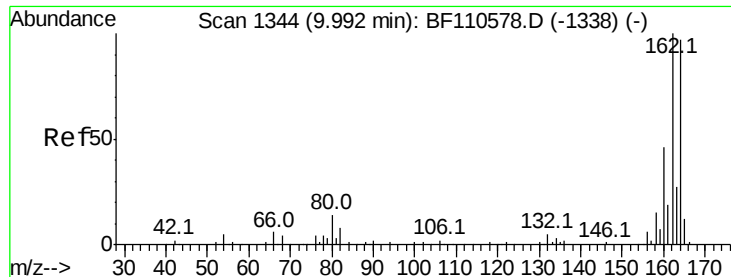
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 300268 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 8.8   | 13.2   |
| 54       | 7.1   | 5.4   | 8.2    |
| 68       | 5.2   | 4.2   | 6.2    |



#23  
Nitrobenzene-d5  
Concen: 94.286 ng  
RT: 7.51 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: BF110592.D  
Acq: 8 Nov 2018 18:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 491601 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 45.1  | 34.2  | 51.2   |
| 54       | 52.7  | 38.6  | 58.0   |

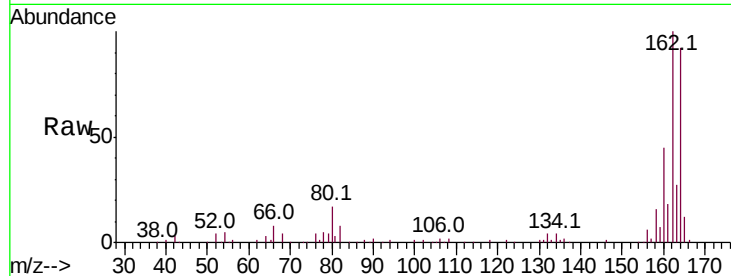




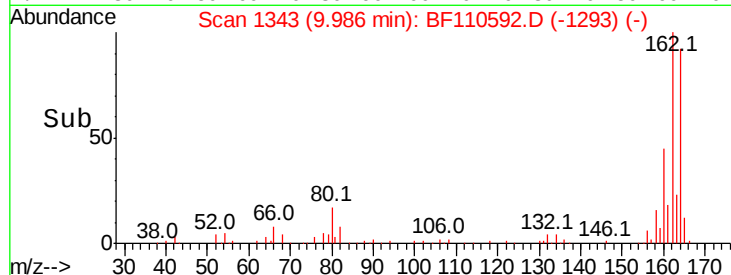
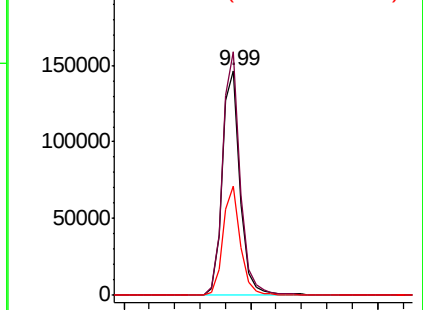
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BF110592.D  
Acq: 8 Nov 2018 18:39

Instrument :  
BNA\_F  
ClientSampleId :  
110618-DBRI-F-U-B

Tot Ion:164 Resp: 142878  
Ion Ratio Lower Upper  
164 100  
162 108.5 83.0 124.6  
160 48.7 37.0 55.6

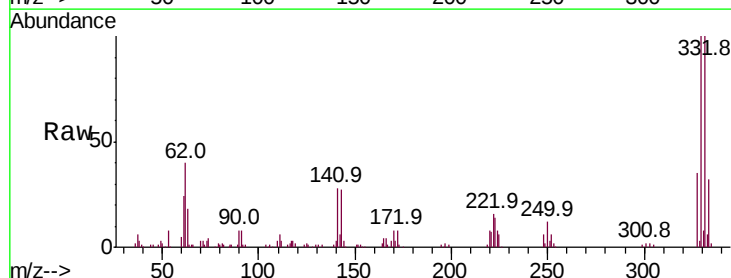


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

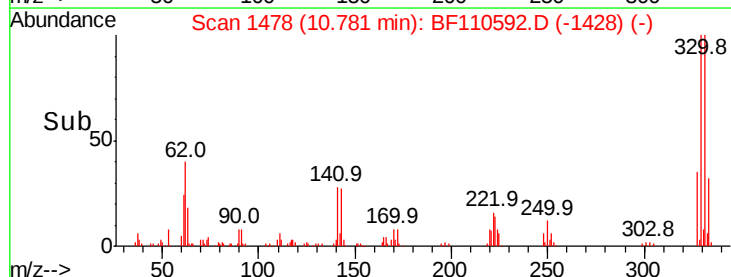
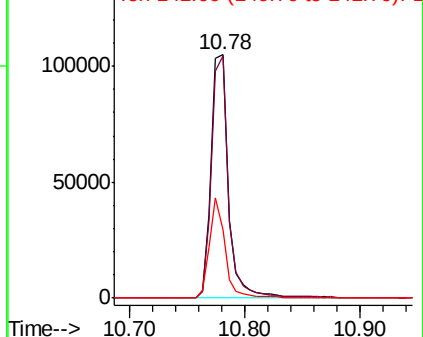


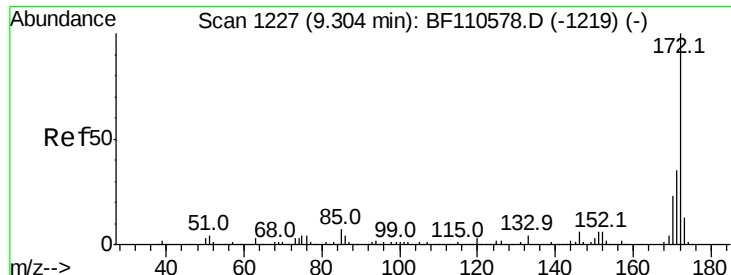
#42  
2,4,6-Tribromophenol  
Concen: 76.632 ng  
RT: 10.78 min Scan# 1478  
Delta R.T. -0.01 min  
Lab File: BF110592.D  
Acq: 8 Nov 2018 18:39

Tgt Ion:330 Resp: 110325  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.1 115.7  
141 36.8 27.0 40.4



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

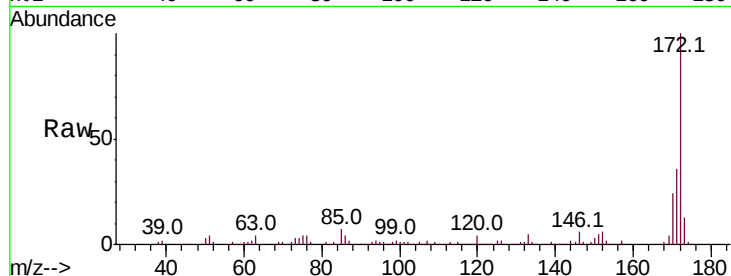




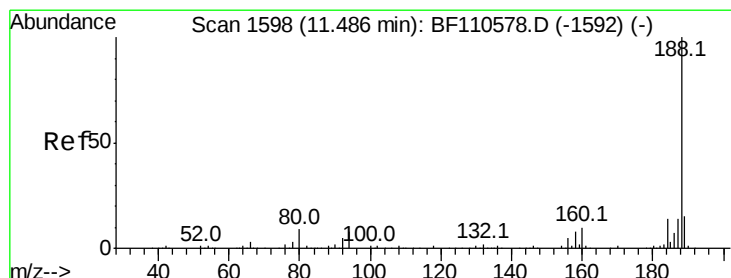
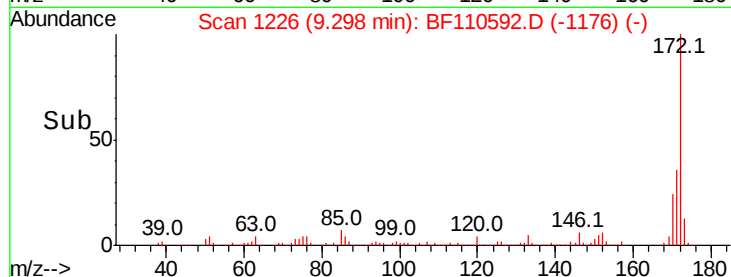
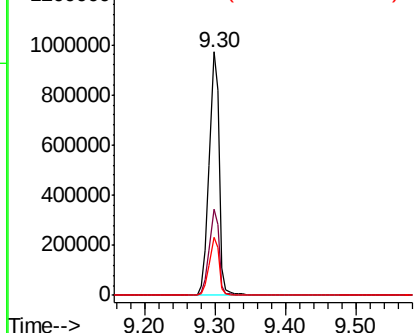
#45  
 2-Fluorobiphenyl  
 Concen: 95.885 ng  
 RT: 9.30 min Scan# 1226  
 Delta R.T. -0.01 min  
 Lab File: BF110592.D  
 Acq: 8 Nov 2018 18:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 110618-DBRI-F-U-B

Tot Ion:172 Resp: 959253  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 28.6 43.0  
 170 23.8 19.7 29.5

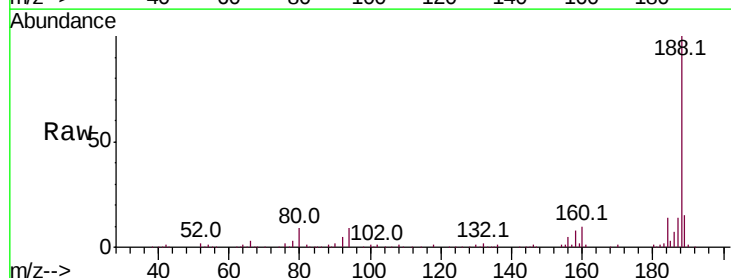


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

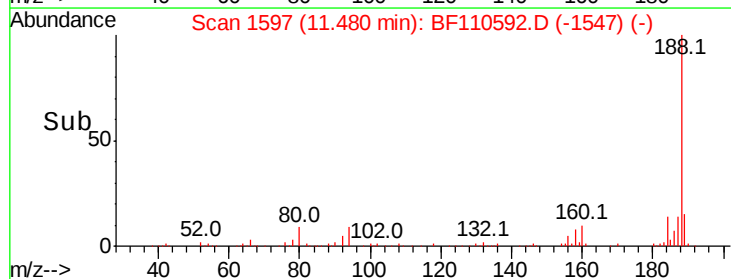
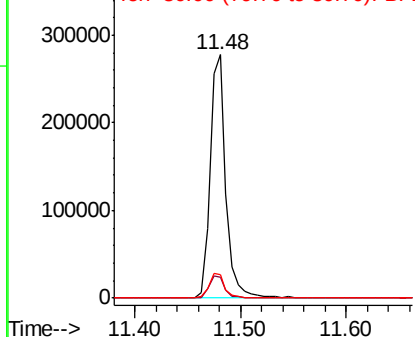


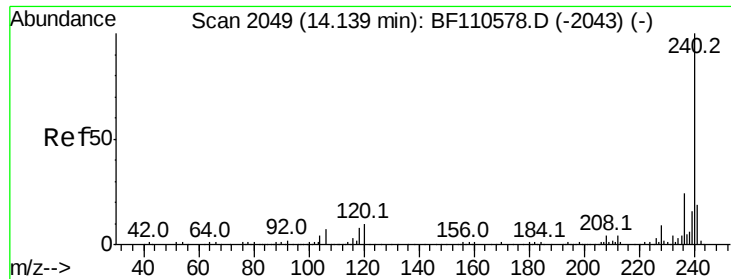
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.48 min Scan# 1597  
 Delta R.T. -0.01 min  
 Lab File: BF110592.D  
 Acq: 8 Nov 2018 18:39

Tgt Ion:188 Resp: 287982  
 Ion Ratio Lower Upper  
 188 100  
 94 8.5 7.2 10.8  
 80 9.4 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF1  
 Ion 80.00 (79.70 to 80.70): BF1

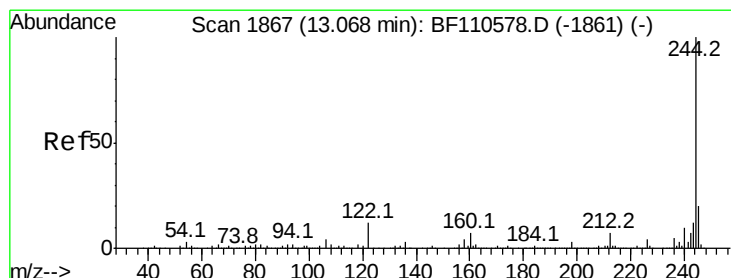
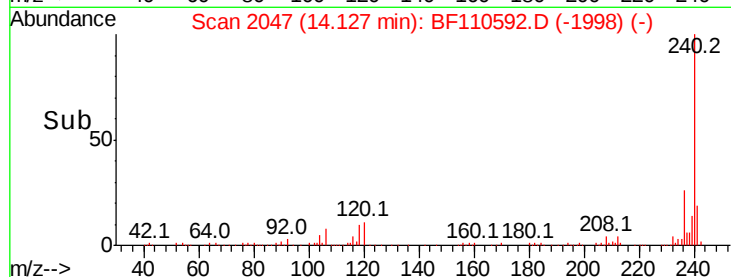
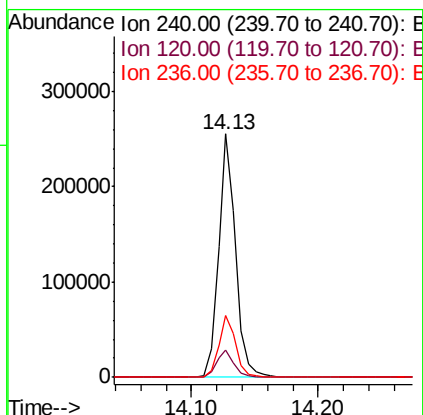
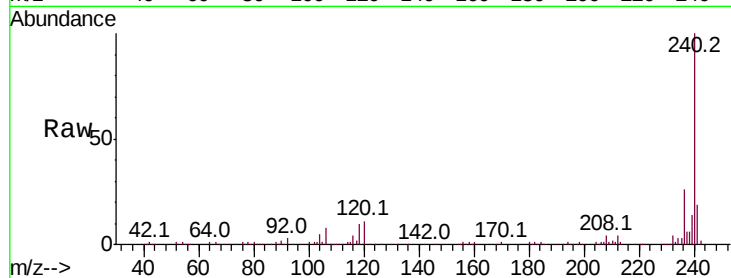




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.13 min Scan# 2047  
Delta R.T. -0.01 min  
Lab File: BF110592.D  
Acq: 8 Nov 2018 18:39

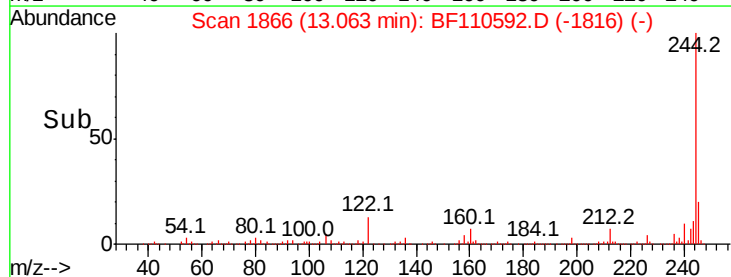
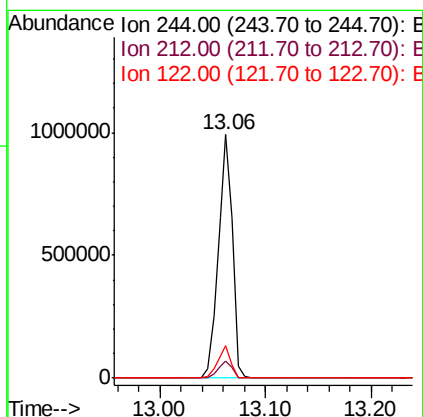
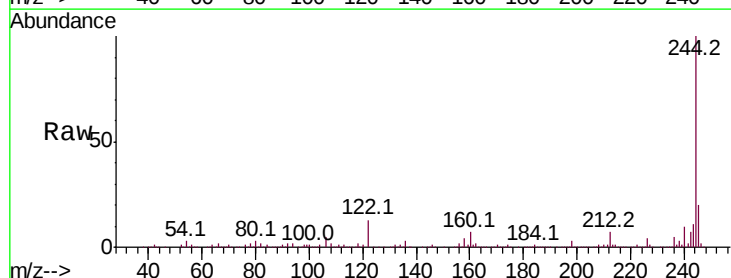
Instrument :  
BNA\_F  
ClientSampleId :  
110618-DBRI-F-U-B

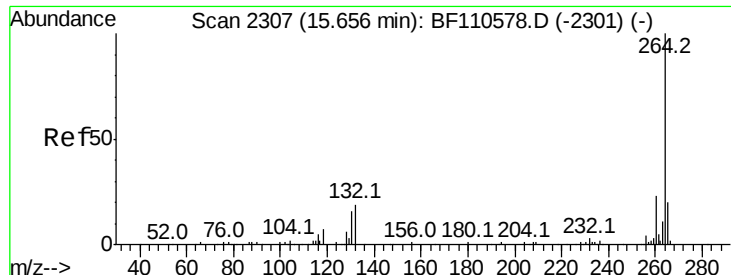
Tot Ion:240 Resp: 238499  
Ion Ratio Lower Upper  
240 100  
120 11.1 8.3 12.5  
236 25.7 21.2 31.8



#79  
Terphenyl-d14  
Concen: 73.624 ng  
RT: 13.06 min Scan# 1866  
Delta R.T. -0.01 min  
Lab File: BF110592.D  
Acq: 8 Nov 2018 18:39

Tgt Ion:244 Resp: 937605  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.8  
122 13.3 8.7 13.1#

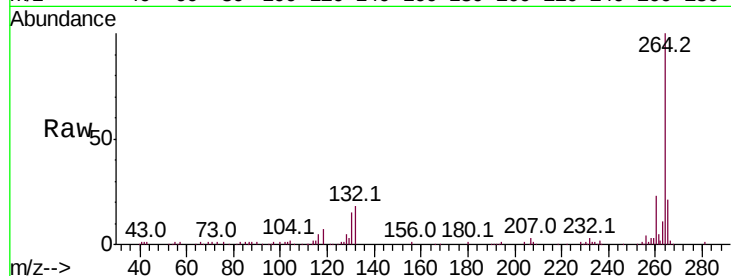




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.65 min Scan# 2306  
 Delta R.T. -0.01 min  
 Lab File: BF110592.D  
 Acq: 8 Nov 2018 18:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 110618-DBRI-F-U-B

Tot Ion: 264 Resp: 166973  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.7 28.1  
 265 20.6 16.7 25.1



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

