

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\  
 Data File : BF117036.D  
 Acq On : 13 Sep 2019 21:32  
 Operator : HP/JU  
 Sample : K4848-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CBH-139-C

Quant Time: Sep 14 01:11:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

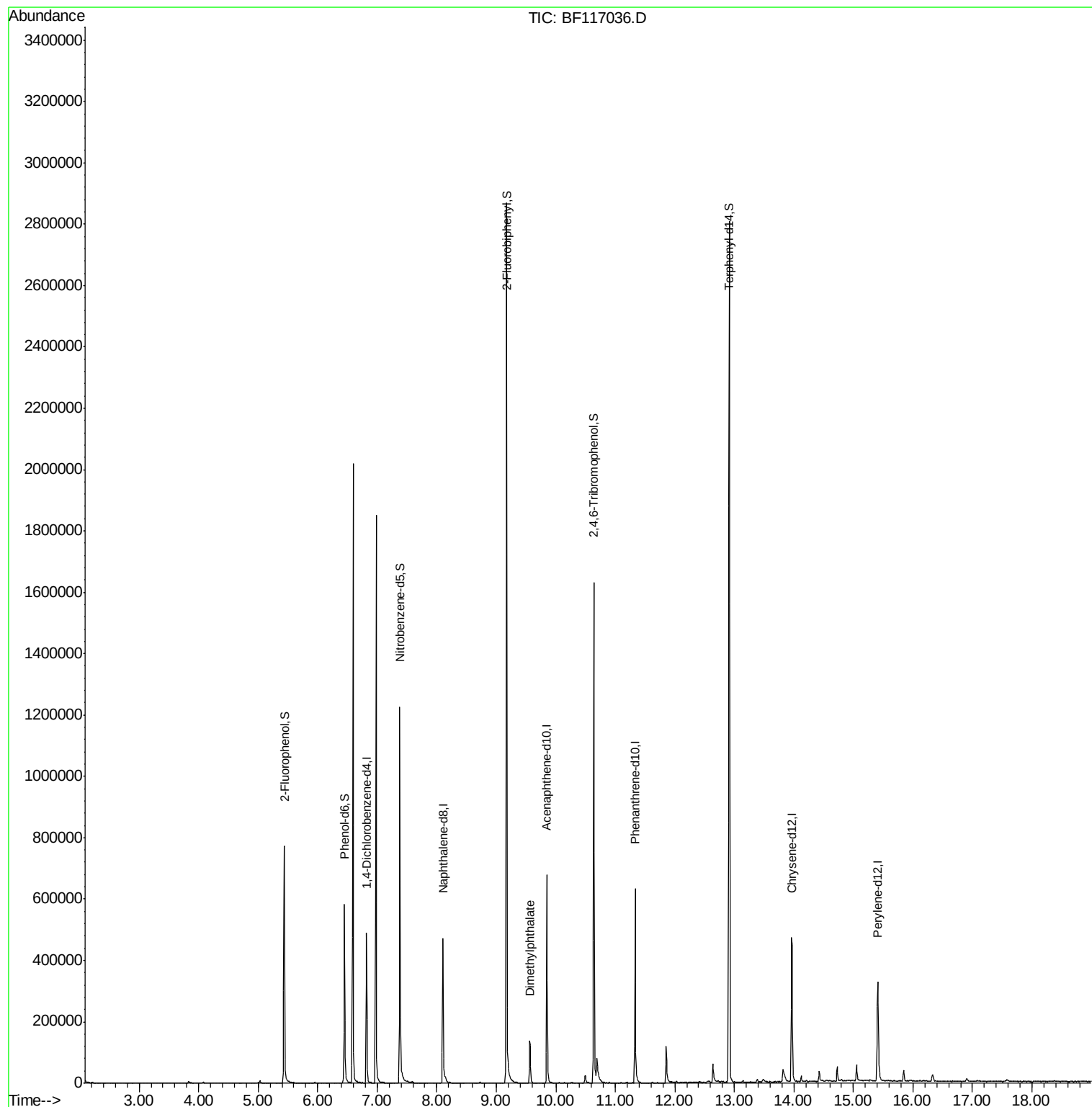
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.82  | 152  | 70836    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.10  | 136  | 282764   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.85  | 164  | 149943   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.33 | 188  | 247917   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.96 | 240  | 189730   | 20.00  | ng    | -0.01        |
| 87) Perylene-d12            | 15.41 | 264  | 165451   | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.44  | 112  | 255671   | 56.35  | ng    | 0.00         |
| 7) Phenol-d6                | 6.45  | 99   | 225837   | 38.51  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 510342   | 94.83  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330  | 183892   | 146.74 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 913229   | 95.23  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.92 | 244  | 922934   | 90.93  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.56  | 163  | 69085    | 6.507  | ng    | Qvalue<br>99 |

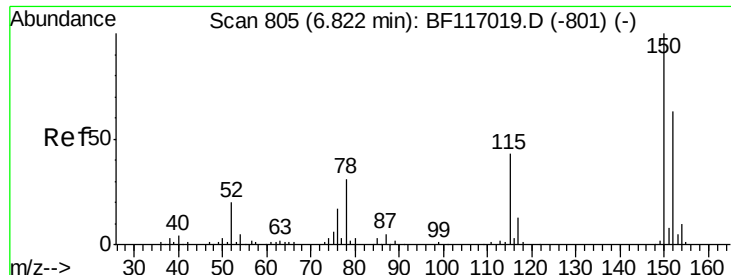
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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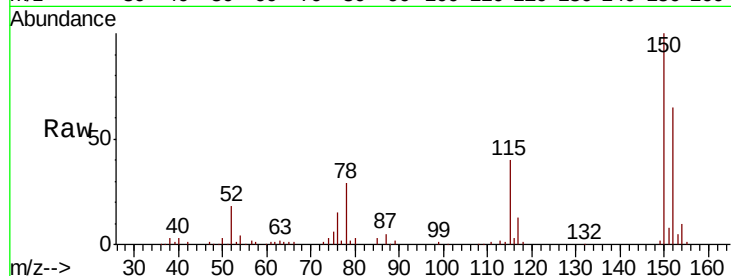


#1

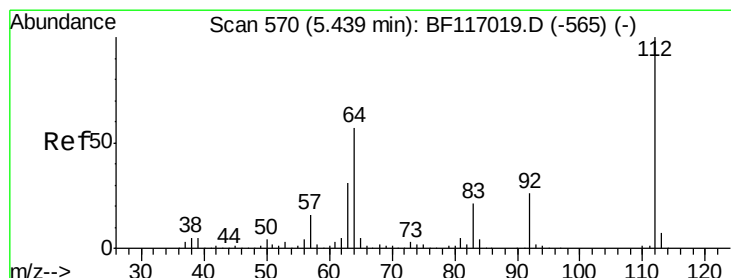
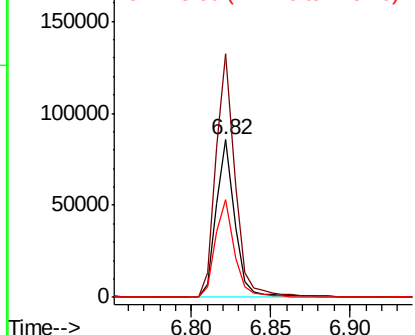
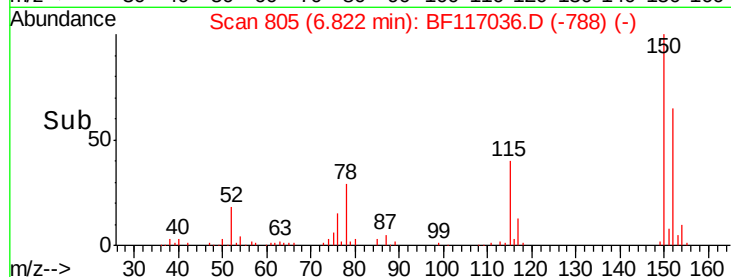
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 805  
Delta R.T. 0.00 min  
Lab File: BF117036.D  
Acq: 13 Sep 2019 21:32

Instrument :  
BNA\_F  
ClientSampleId :  
CBH-139-C

Tot Ion:152 Resp: 70836  
Ion Ratio Lower Upper  
152 100  
150 154.4 127.5 191.3  
115 61.7 55.0 82.4



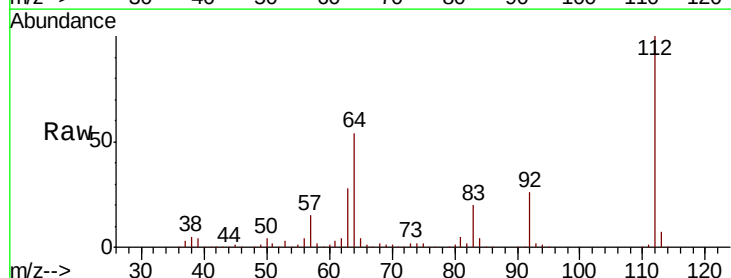
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



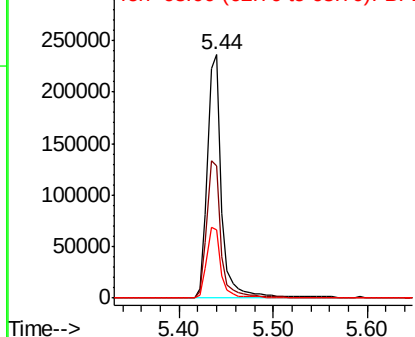
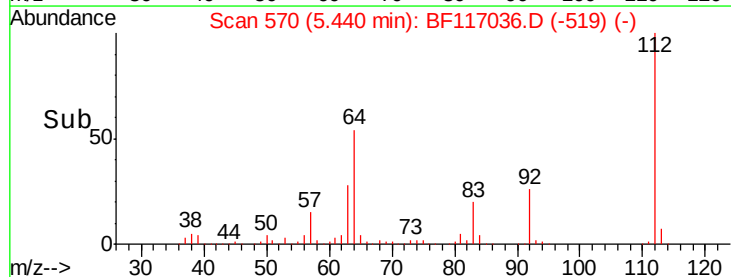
#5

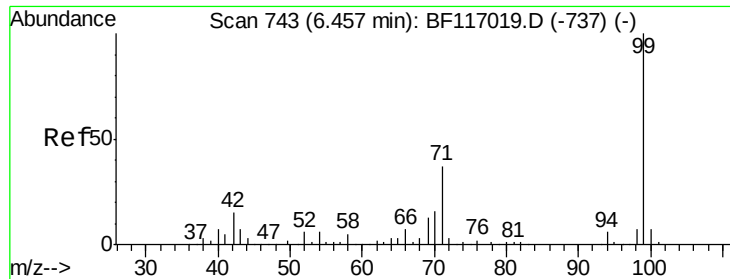
2-Fluorophenol  
Concen: 56.351 ng  
RT: 5.44 min Scan# 570  
Delta R.T. 0.00 min  
Lab File: BF117036.D  
Acq: 13 Sep 2019 21:32

Tgt Ion:112 Resp: 255671  
Ion Ratio Lower Upper  
112 100  
64 54.3 45.7 68.5  
63 28.3 24.9 37.3



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: 38.515 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117036.D

Acq: 13 Sep 2019 21:32

Instrument :

BNA\_F

ClientSampleId :

CBH-139-C

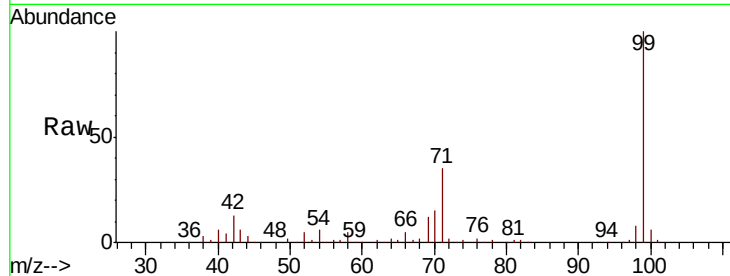
Tot Ion: 99 Resp: 225837

Ion Ratio Lower Upper

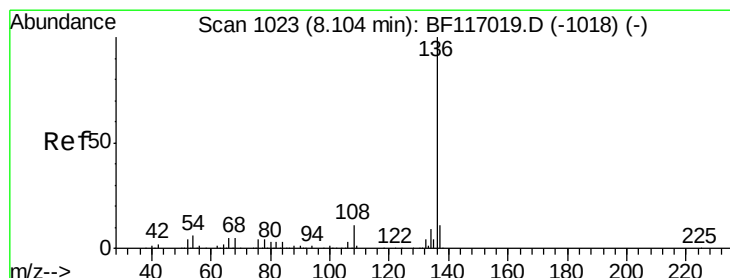
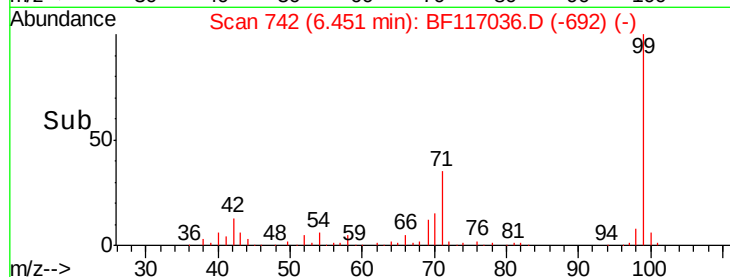
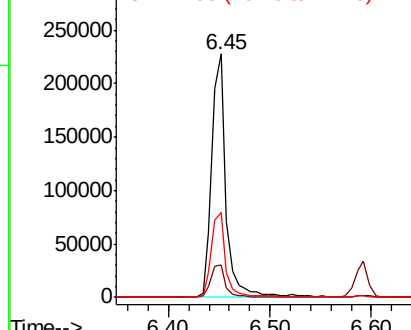
99 100

42 13.2 12.2 18.2

71 34.9 29.8 44.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117036.D

Acq: 13 Sep 2019 21:32

Tgt Ion: 136 Resp: 282764

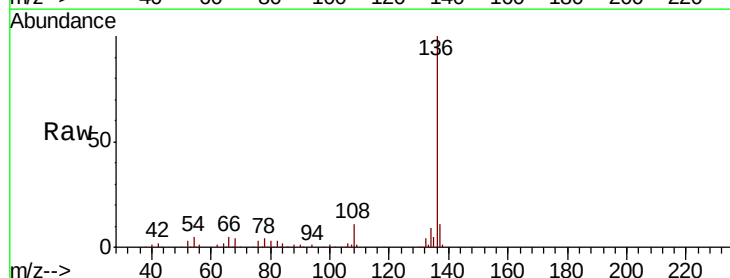
Ion Ratio Lower Upper

136 100

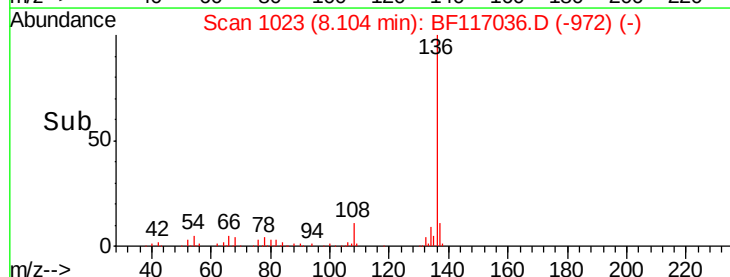
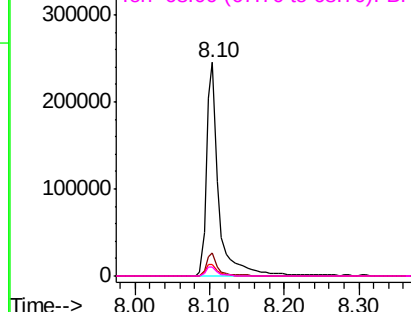
137 10.9 9.0 13.4

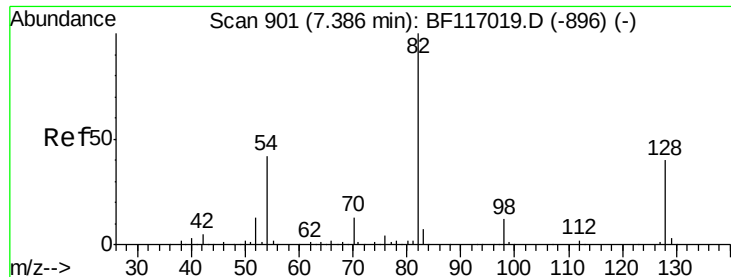
54 5.2 4.5 6.7

68 4.3 4.0 6.0



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): BF1  
Ion 68.00 (67.70 to 68.70): BF1

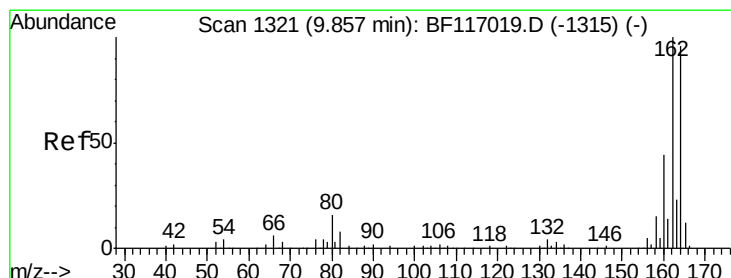
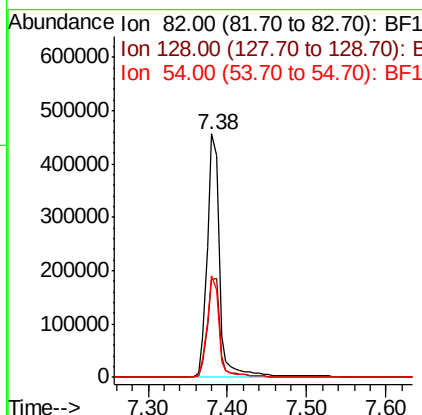
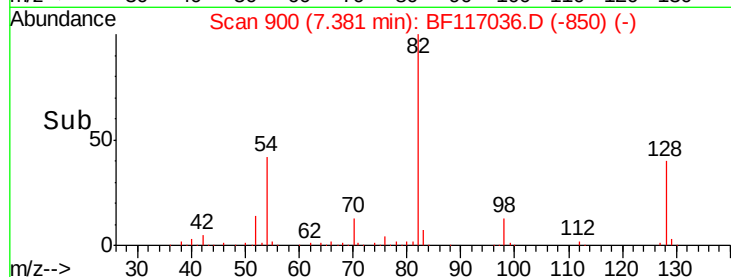
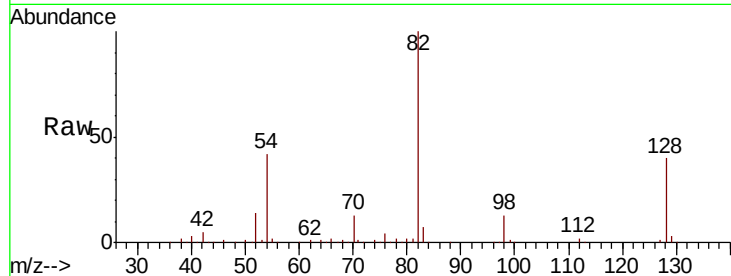




#23  
 Nitrobenzene-d5  
 Concen: 94.830 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. -0.01 min  
 Lab File: BF117036.D  
 Acq: 13 Sep 2019 21:32

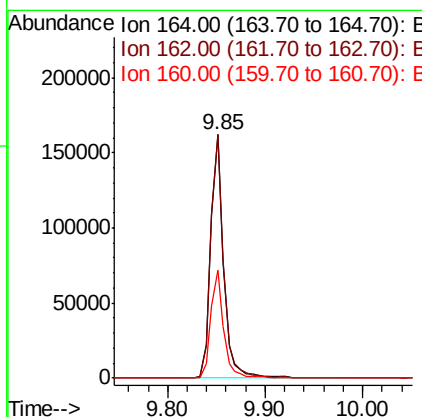
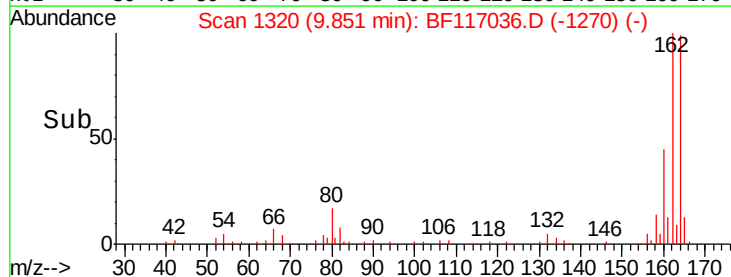
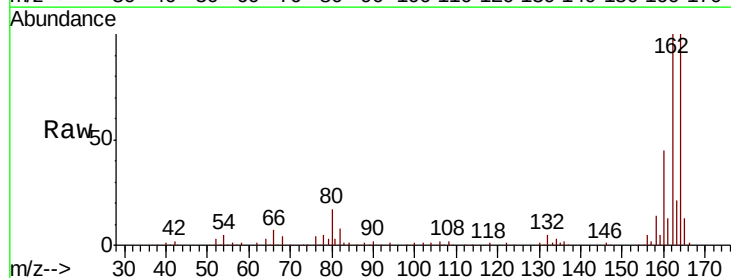
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CBH-139-C

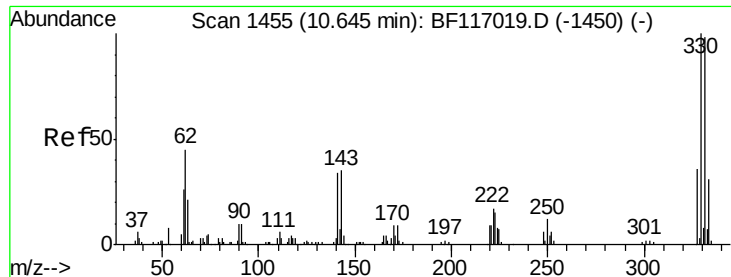
| Tot Ion   | 82   | Resp  | 510342 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 39.9 | 32.3  | 48.5   |
| 54        | 41.9 | 33.3  | 49.9   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.85 min Scan# 1320  
 Delta R.T. -0.01 min  
 Lab File: BF117036.D  
 Acq: 13 Sep 2019 21:32

| Tgt Ion                                              | 164  | Resp  | 149943 |
|------------------------------------------------------|------|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100  | Lower | Upper  |
| 162                                                  | 99.8 | 83.4  | 125.2  |
| 160                                                  | 44.5 | 36.4  | 54.6   |





#42

2,4,6-Tribromophenol

Concen: 146.740 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117036.D

Acq: 13 Sep 2019 21:32

Instrument :

BNA\_F

ClientSampleId :

CBH-139-C

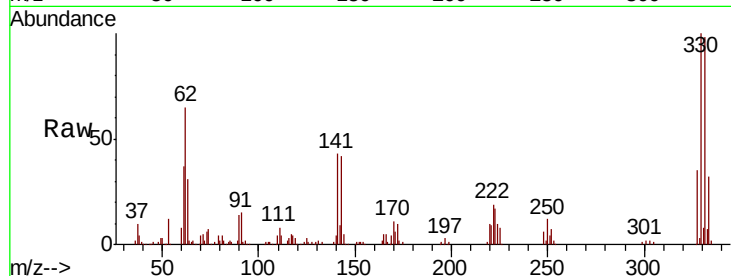
Tot Ion:330 Resp: 183892

Ion Ratio Lower Upper

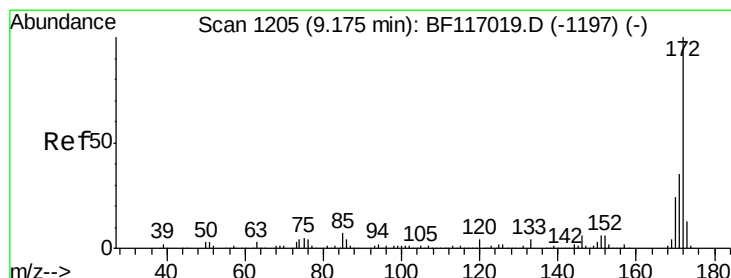
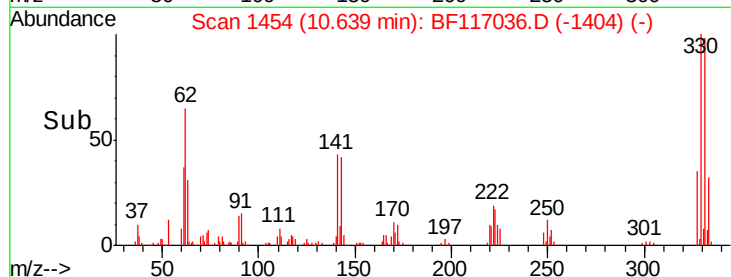
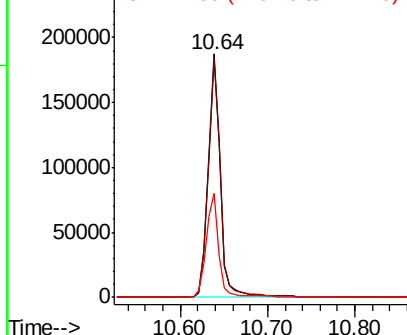
330 100

332 98.2 78.0 117.0

141 44.2 35.8 53.6



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: 95.230 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117036.D

Acq: 13 Sep 2019 21:32

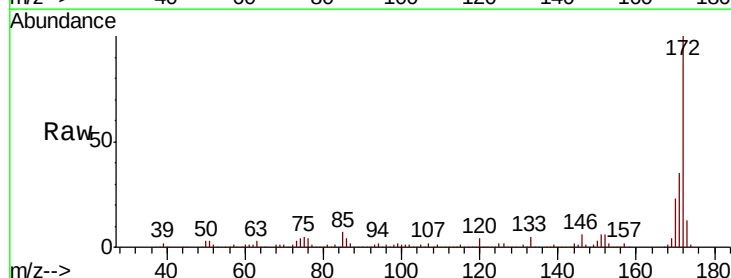
Tgt Ion:172 Resp: 913229

Ion Ratio Lower Upper

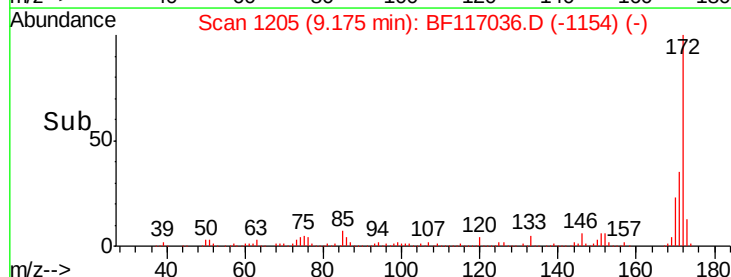
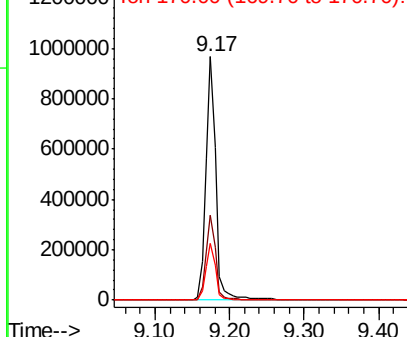
172 100

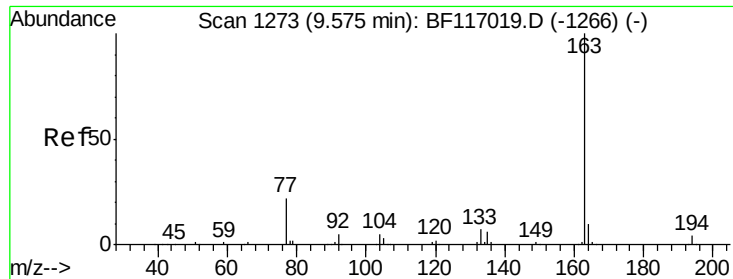
171 35.1 28.2 42.2

170 23.5 18.9 28.3



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

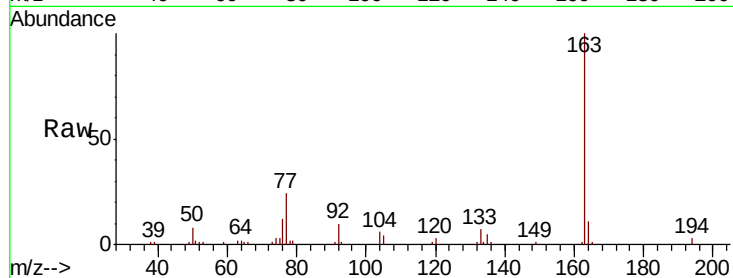




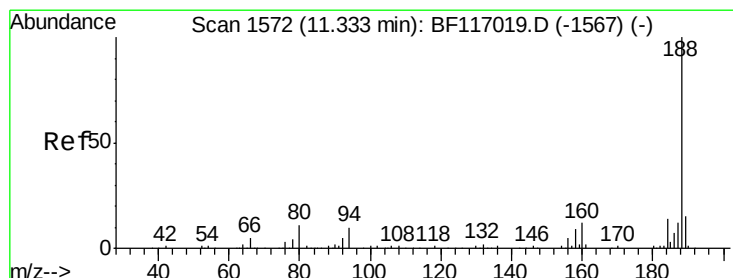
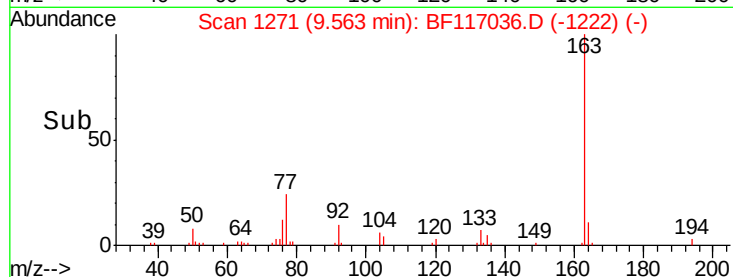
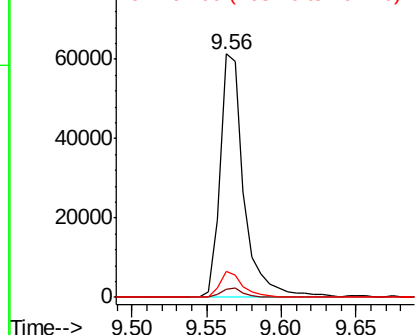
#50  
Dimethylphthalate  
Concen: 6.507 ng  
RT: 9.56 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: BF117036.D  
Acq: 13 Sep 2019 21:32

Instrument :  
BNA\_F  
ClientSampleId :  
CBH-139-C

Tot Ion:163 Resp: 69085  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.9 4.3  
164 10.6 8.2 12.4

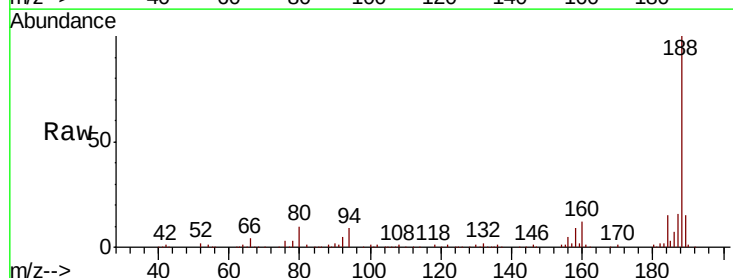


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

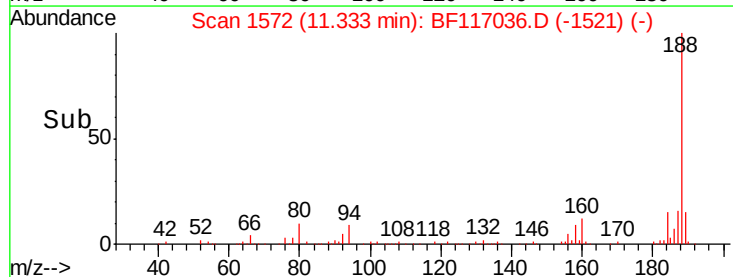
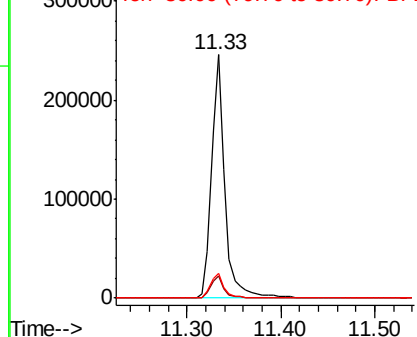


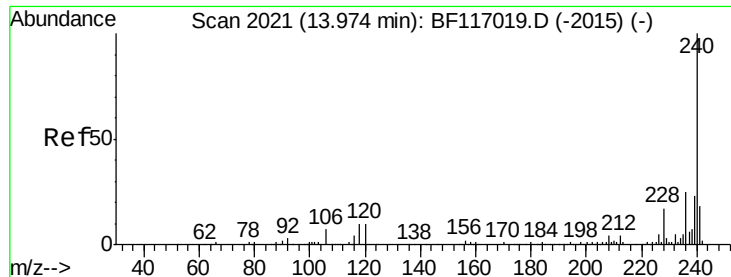
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF117036.D  
Acq: 13 Sep 2019 21:32

Tgt Ion:188 Resp: 247917  
Ion Ratio Lower Upper  
188 100  
94 9.4 8.2 12.2  
80 10.1 9.0 13.6



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

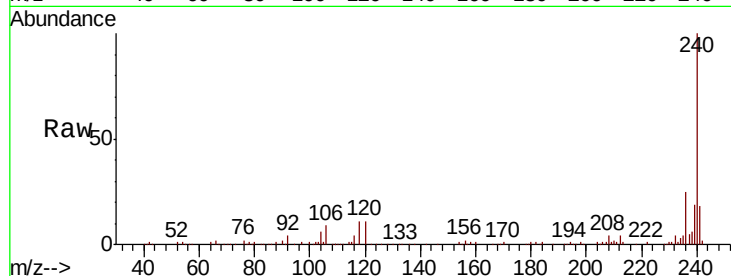




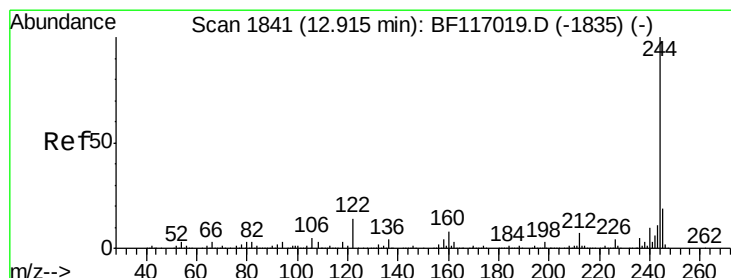
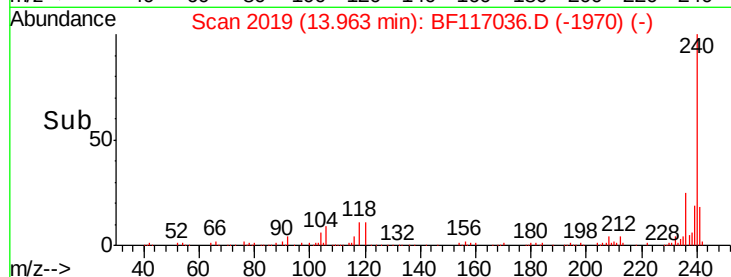
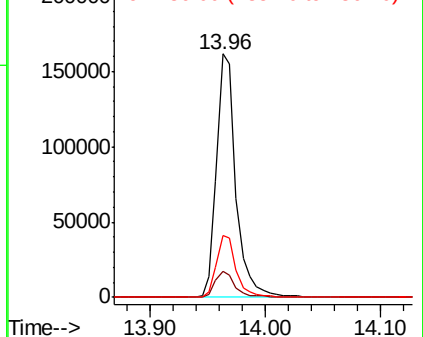
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.96 min Scan# 2019  
 Delta R.T. -0.01 min  
 Lab File: BF117036.D  
 Acq: 13 Sep 2019 21:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CBH-139-C

Tot Ion:240 Resp: 189730  
 Ion Ratio Lower Upper  
 240 100  
 120 10.6 8.3 12.5  
 236 25.4 20.3 30.5

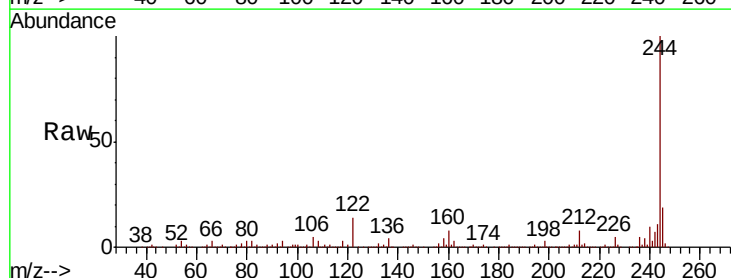


Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

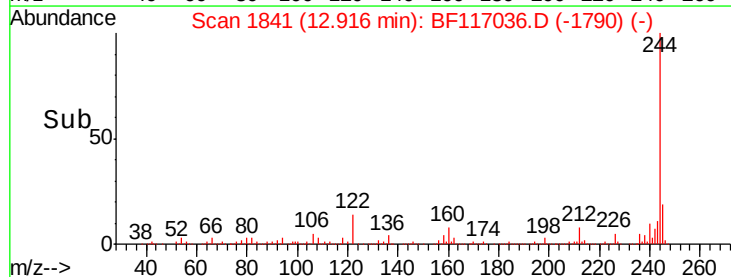
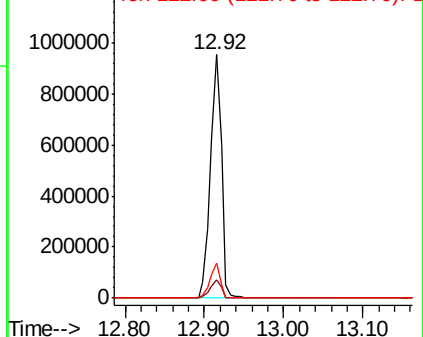


#79  
 Terphenyl-d14  
 Concen: 90.928 ng  
 RT: 12.92 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: BF117036.D  
 Acq: 13 Sep 2019 21:32

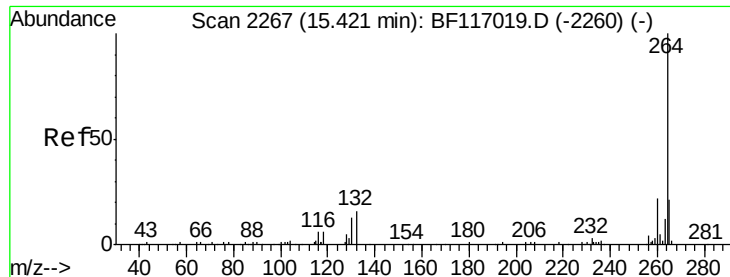
Tgt Ion:244 Resp: 922934  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.8 8.8  
 122 14.2 11.3 16.9



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







#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.41 min Scan# 2265  
 Delta R.T. -0.01 min  
 Lab File: BF117036.D  
 Acq: 13 Sep 2019 21:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CBH-139-C

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 17.6  | 26.4  |
| 265     | 21.0  | 16.6  | 24.8  |

