

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\  
 Data File : BF117035.D  
 Acq On : 13 Sep 2019 21:05  
 Operator : HP/JU  
 Sample : K4848-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 14 01:08:40 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

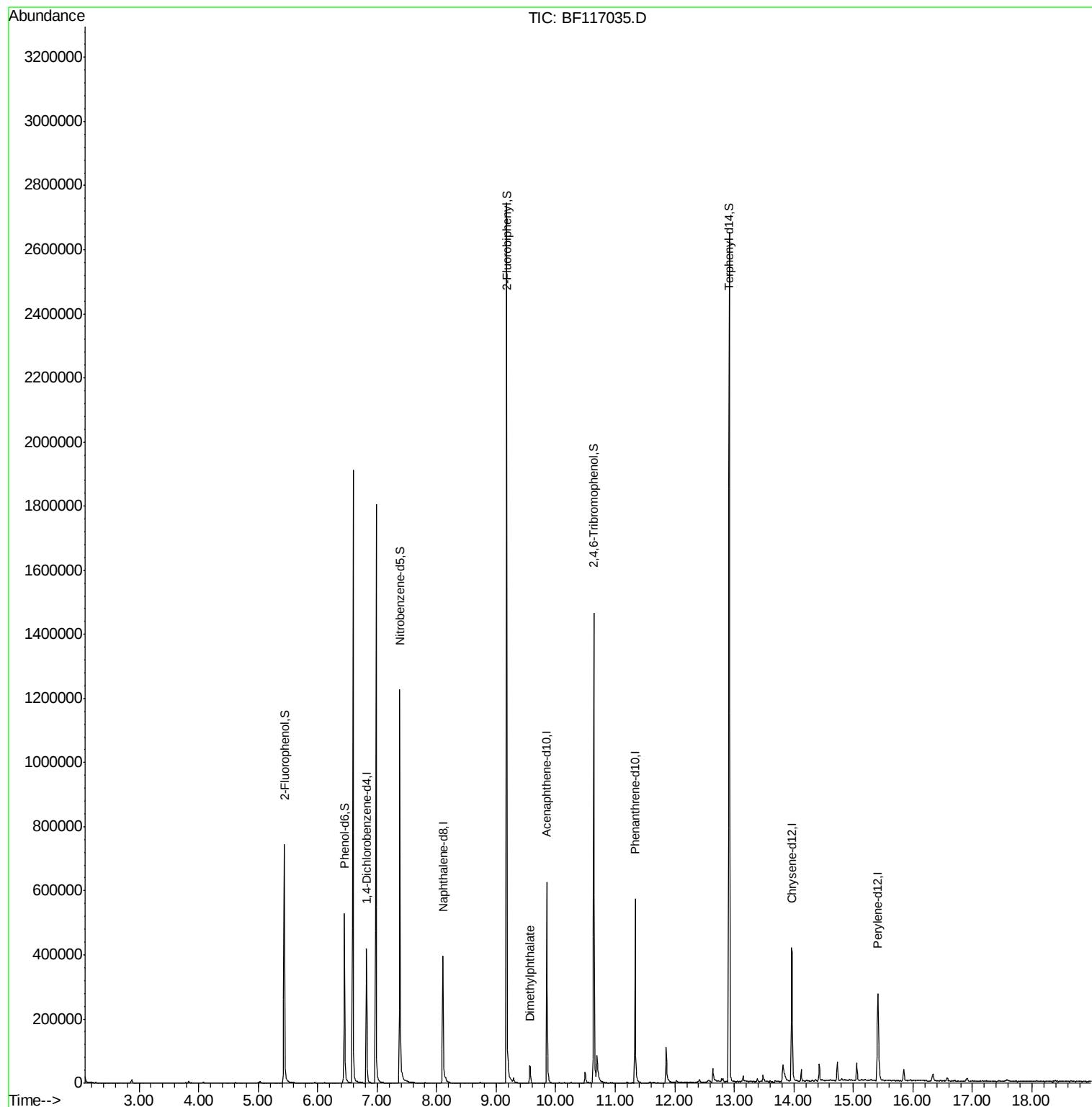
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.82  | 152  | 65086    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.10  | 136  | 255412   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.85  | 164  | 135574   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.33 | 188  | 223675   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.96 | 240  | 164833   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 15.41 | 264  | 144740   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.44  | 112  | 247393   | 59.34  | ng    | 0.00      |
| 7) Phenol-d6                | 6.45  | 99   | 207712   | 38.55  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 481159   | 98.98  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330  | 167561   | 147.88 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 834686   | 96.26  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.92 | 244  | 831233   | 94.26  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.57  | 163  | 30768    | 3.205  | ng    | Qvalue 97 |

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

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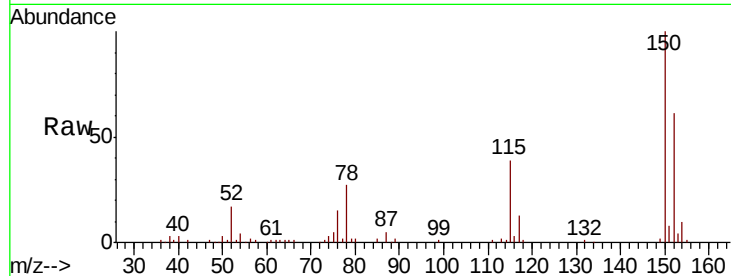


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: BF117035.D  
 Acq: 13 Sep 2019 21:05

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 163.1 | 127.5 | 191.3 |
| 115     | 64.0  | 55.0  | 82.4  |

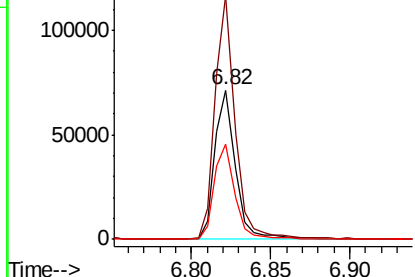
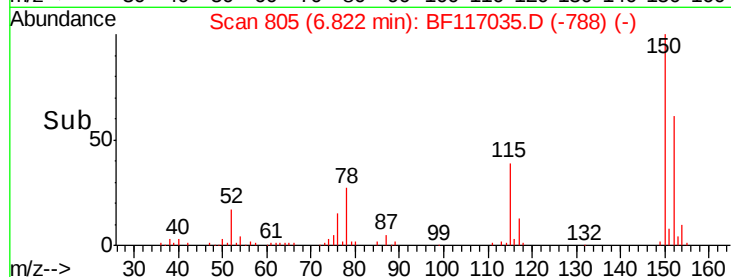


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

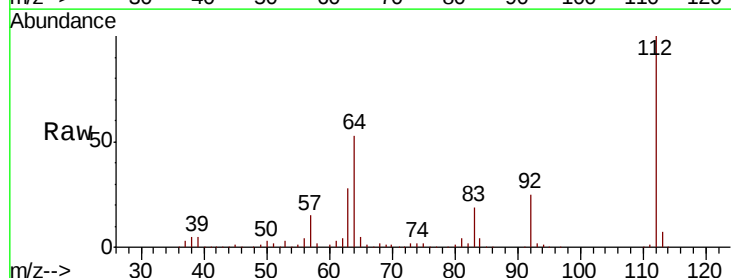
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
 Concen: 59.343 ng  
 RT: 5.44 min Scan# 570  
 Delta R.T. 0.00 min  
 Lab File: BF117035.D  
 Acq: 13 Sep 2019 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 53.3  | 45.7  | 68.5  |
| 63      | 27.7  | 24.9  | 37.3  |

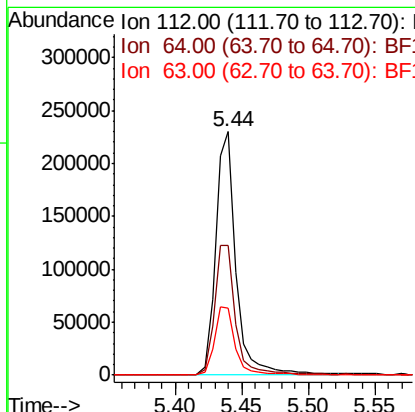
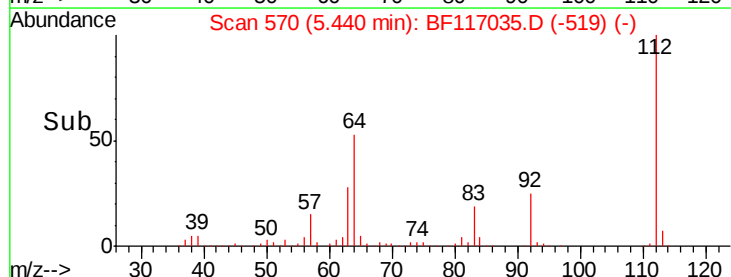


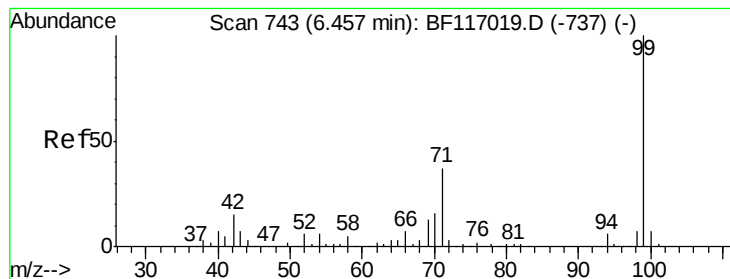
Abundance

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: 38.553 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117035.D

Acq: 13 Sep 2019 21:05

Instrument :

BNA\_F

ClientSampled :

CBH-139-B

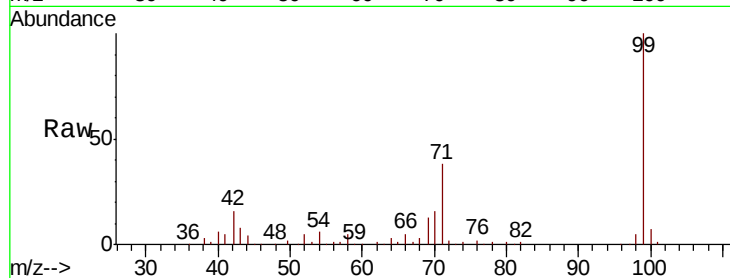
Tot Ion: 99 Resp: 207712

Ion Ratio Lower Upper

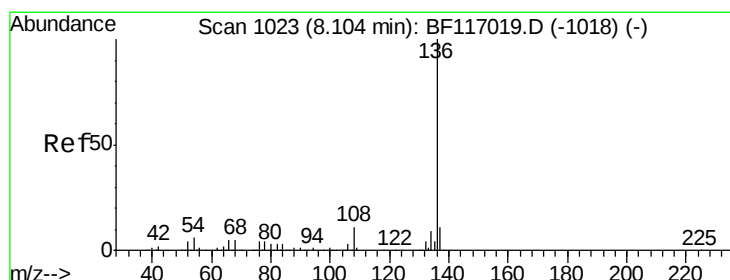
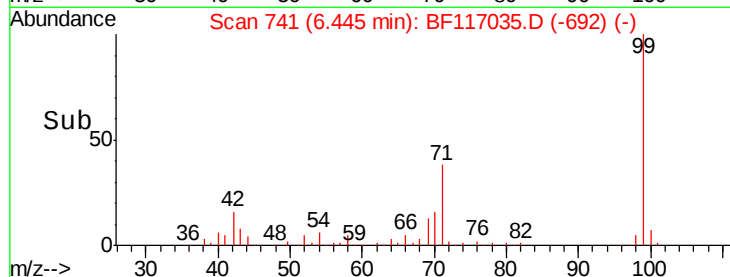
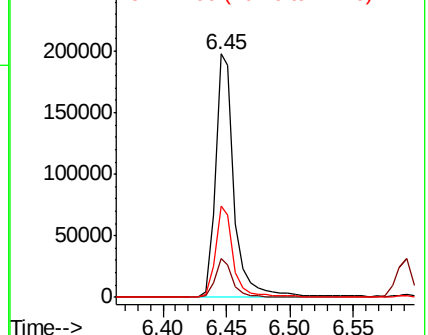
99 100

42 16.0 12.2 18.2

71 37.8 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: BF117035.D

Acq: 13 Sep 2019 21:05

Tgt Ion: 136 Resp: 255412

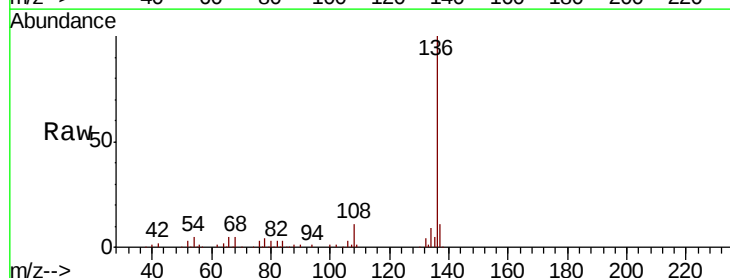
Ion Ratio Lower Upper

136 100

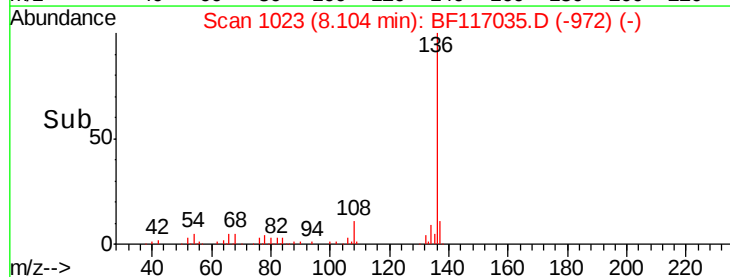
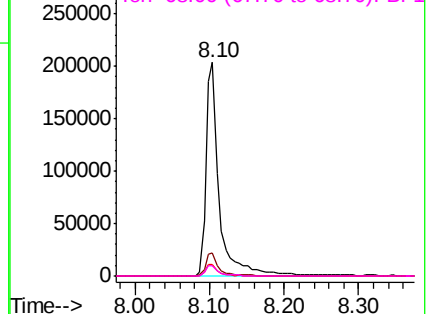
137 10.9 9.0 13.4

54 5.4 4.5 6.7

68 4.9 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

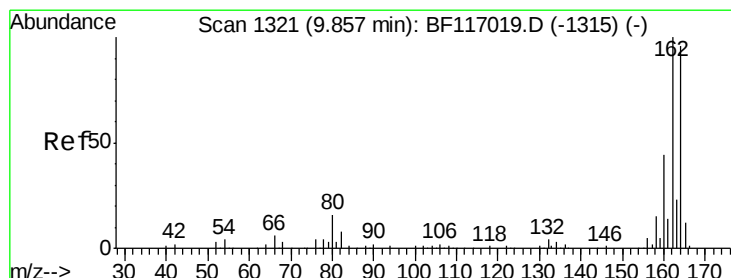
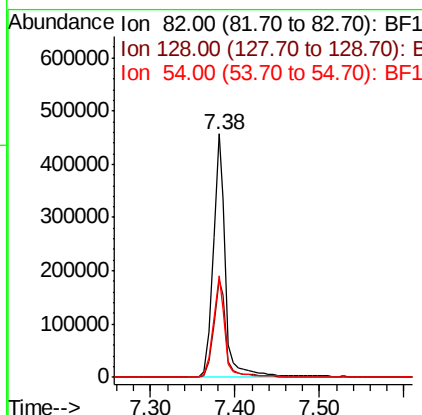
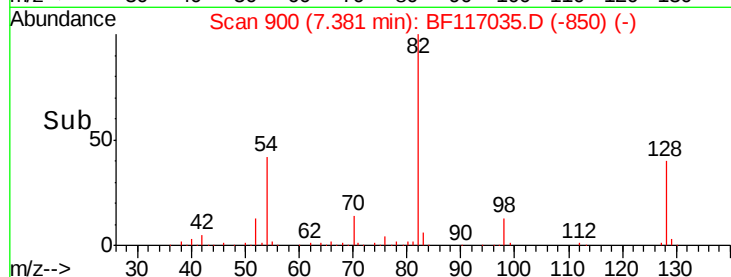
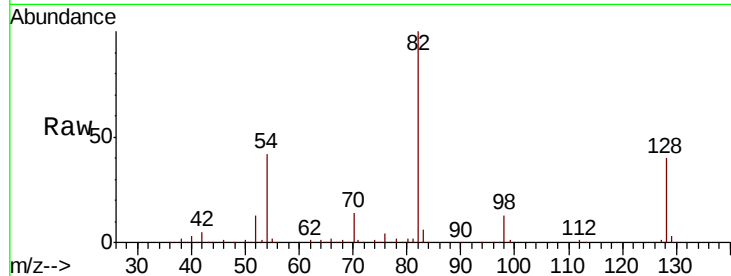




#23  
 Nitrobenzene-d5  
 Concen: 98.982 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. -0.01 min  
 Lab File: BF117035.D  
 Acq: 13 Sep 2019 21:05

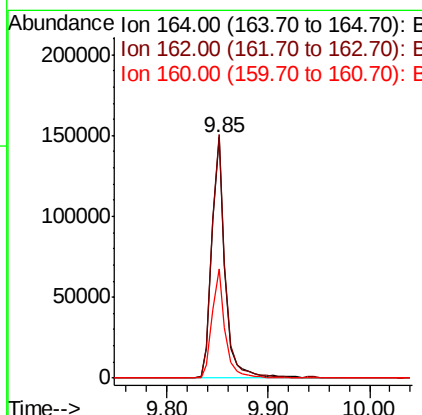
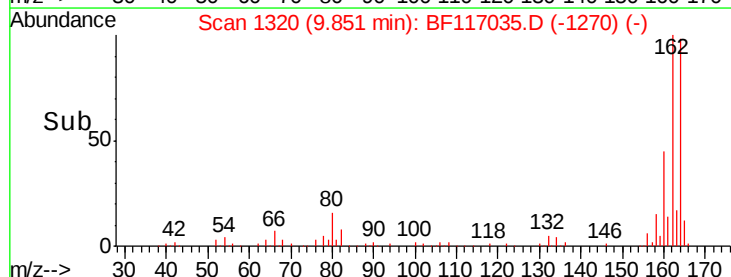
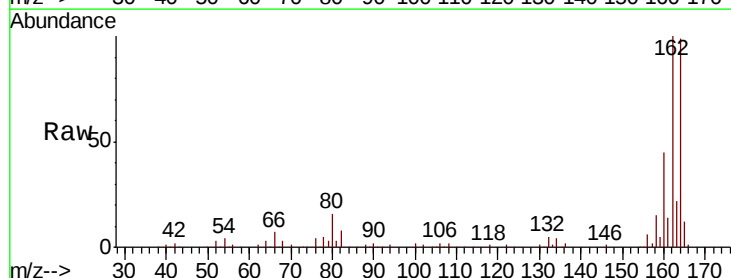
Instrument :  
 BNA\_F  
 ClientSampleID :  
 CBH-139-B

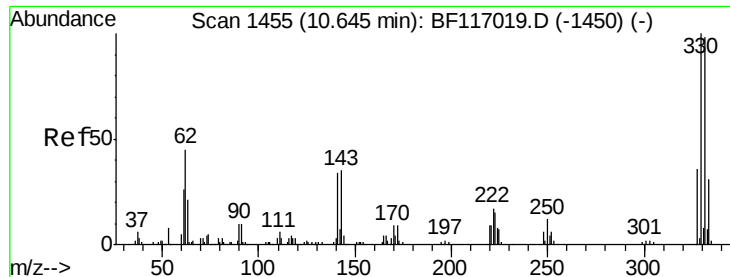
| Tot Ion   | 82   | Resp  | 481159 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 40.0 | 32.3  | 48.5   |
| 54        | 41.8 | 33.3  | 49.9   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.85 min Scan# 1320  
 Delta R.T. -0.01 min  
 Lab File: BF117035.D  
 Acq: 13 Sep 2019 21:05

| Tgt Ion                                              | 164   | Resp  | 135574 |
|------------------------------------------------------|-------|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100   | Lower | Upper  |
| 162                                                  | 101.1 | 83.4  | 125.2  |
| 160                                                  | 45.5  | 36.4  | 54.6   |





#42

2,4,6-Tribromophenol

Concen: 147.880 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117035.D

Acq: 13 Sep 2019 21:05

Instrument :

BNA\_F

ClientSampleId :

CBH-139-B

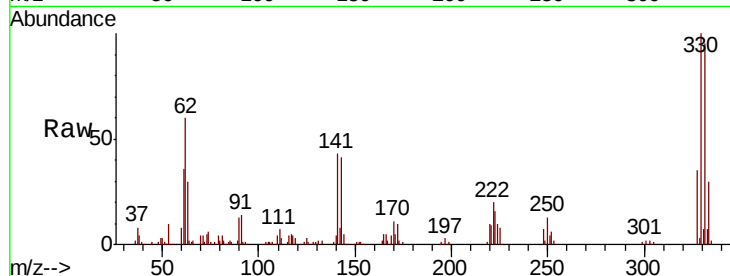
Tot Ion:330 Resp: 167561

Ion Ratio Lower Upper

330 100

332 95.5 78.0 117.0

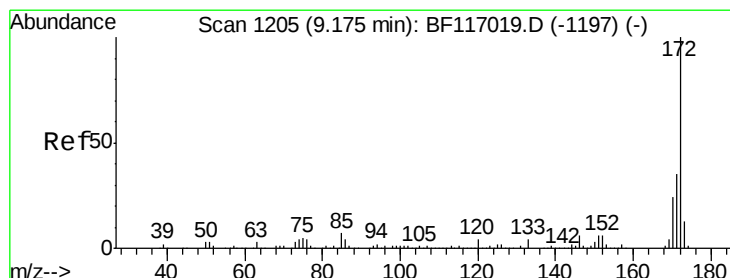
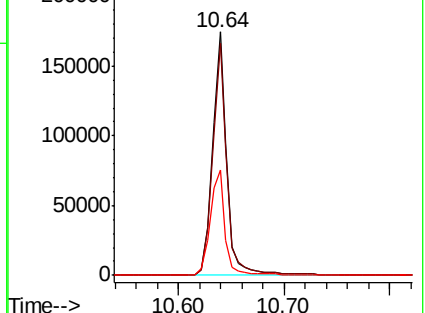
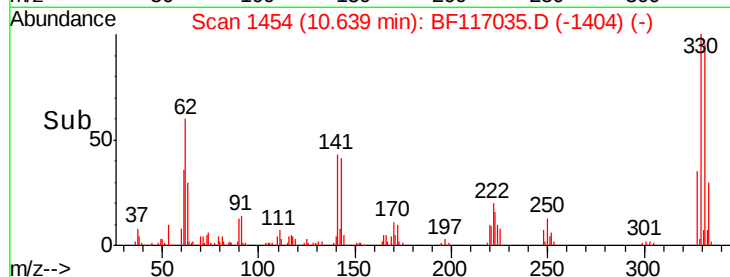
141 45.2 35.8 53.6



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: 96.264 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117035.D

Acq: 13 Sep 2019 21:05

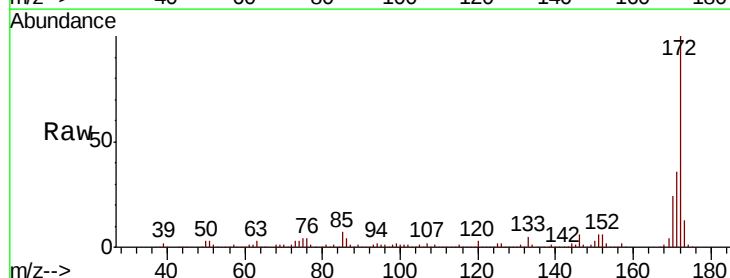
Tgt Ion:172 Resp: 834686

Ion Ratio Lower Upper

172 100

171 36.2 28.2 42.2

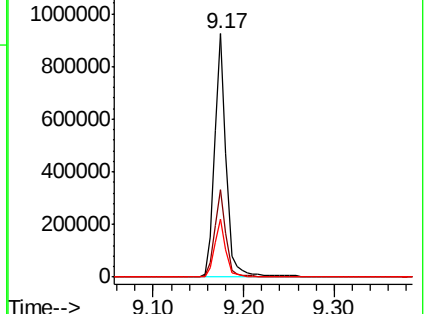
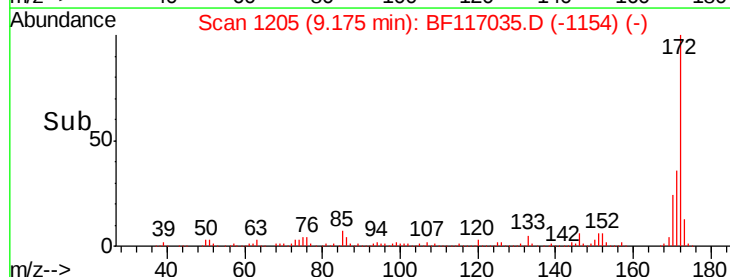
170 24.1 18.9 28.3



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

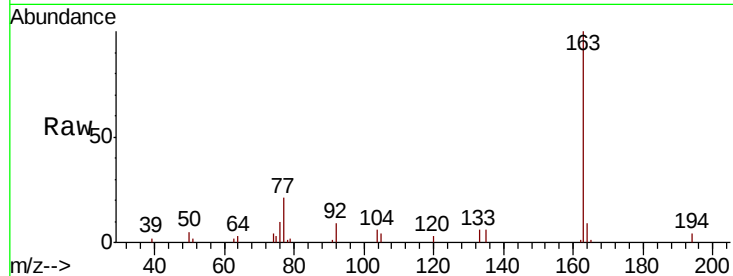




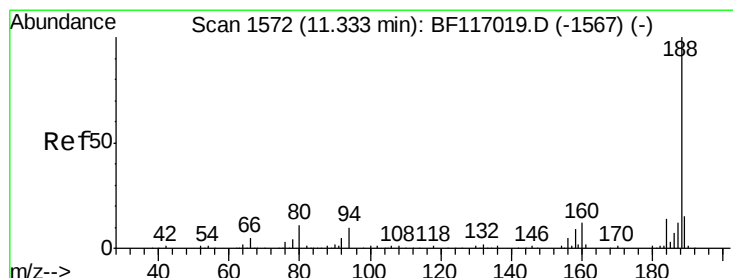
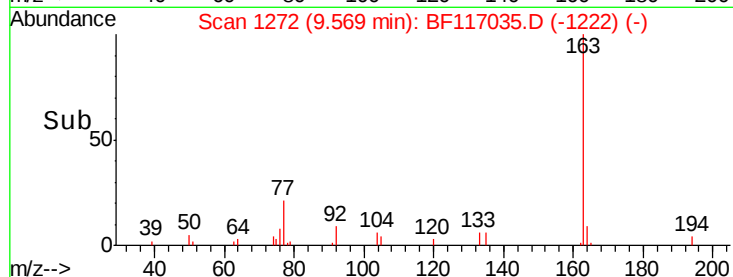
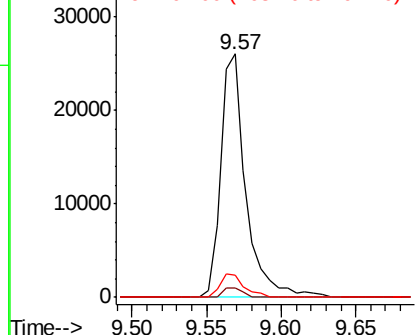
#50  
Dimethylphthalate  
Concen: 3.205 ng  
RT: 9.57 min Scan# 1272  
Delta R.T. -0.01 min  
Lab File: BF117035.D  
Acq: 13 Sep 2019 21:05

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

Tot Ion:163 Resp: 30768  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.9 4.3  
164 9.0 8.2 12.4

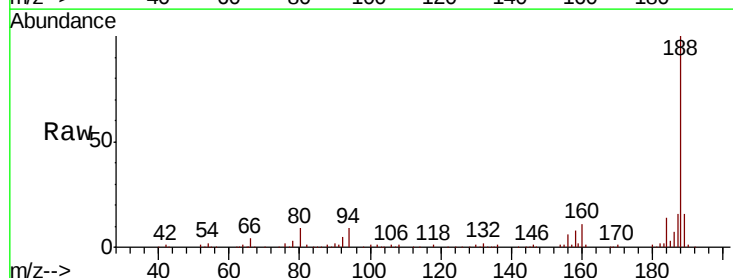


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

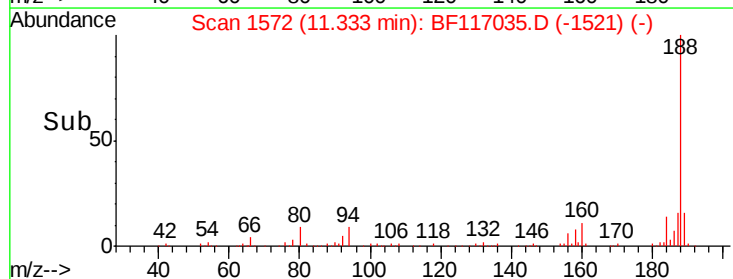
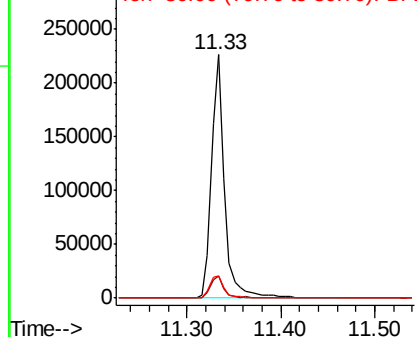


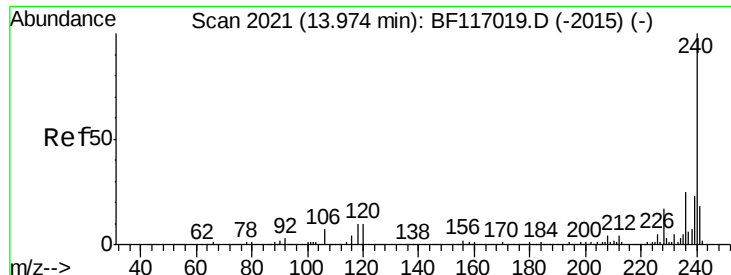
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF117035.D  
Acq: 13 Sep 2019 21:05

Tgt Ion:188 Resp: 223675  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.2 12.2  
80 9.2 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

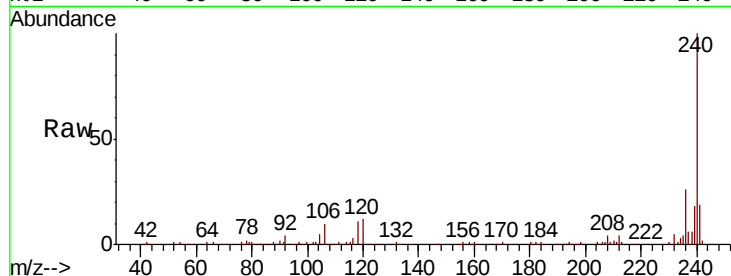




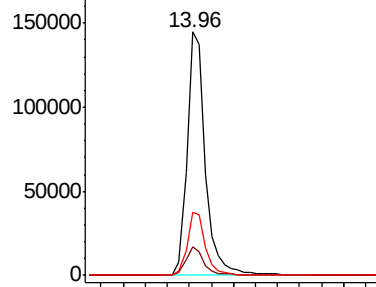
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.96 min Scan# 2019  
 Delta R.T. -0.01 min  
 Lab File: BF117035.D  
 Acq: 13 Sep 2019 21:05

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

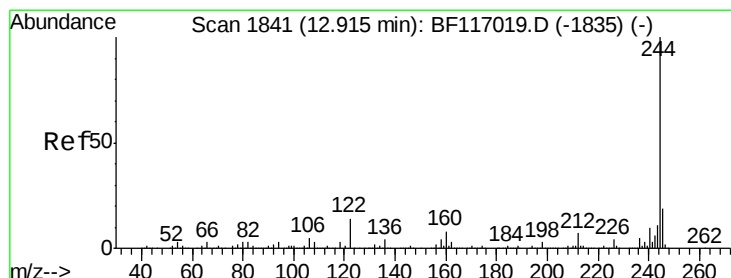
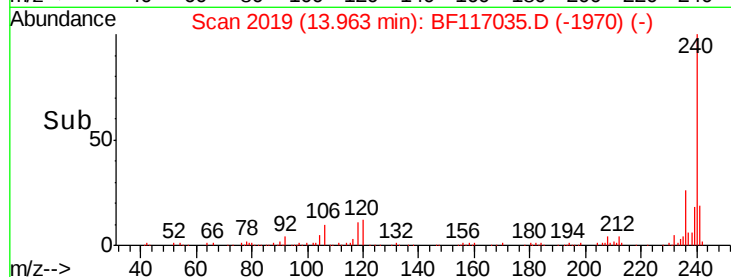
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.6  | 8.3   | 12.5  |
| 236     | 25.9  | 20.3  | 30.5  |



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

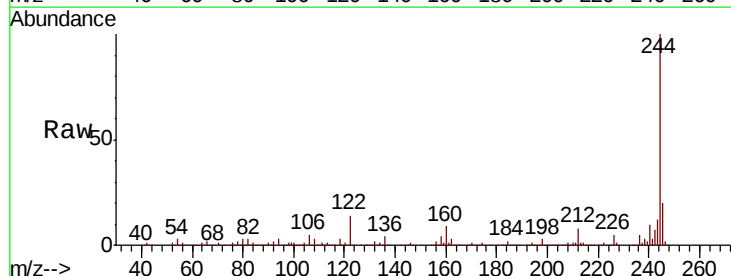


Time-->

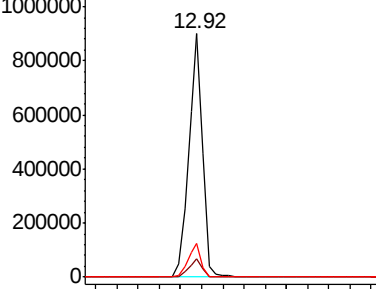


#79  
 Terphenyl-d14  
 Concen: 94.263 ng  
 RT: 12.92 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: BF117035.D  
 Acq: 13 Sep 2019 21:05

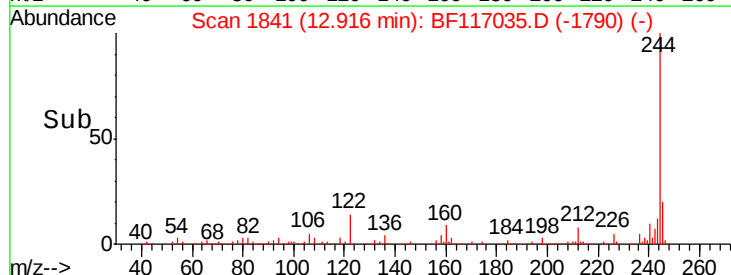
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.5   | 5.8   | 8.8   |
| 122     | 14.0  | 11.3  | 16.9  |

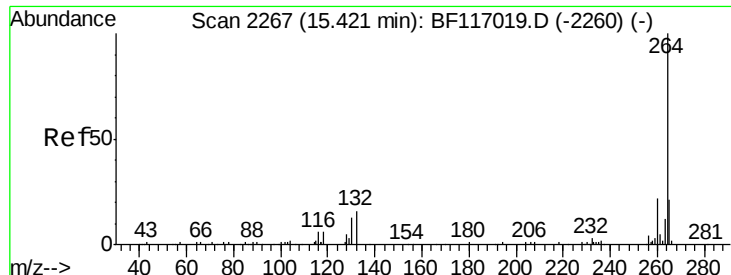


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



Time-->





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.41 min Scan# 2265  
Delta R.T. -0.01 min  
Lab File: BF117035.D  
Acq: 13 Sep 2019 21:05

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 17.6  | 26.4  |
| 265     | 20.3  | 16.6  | 24.8  |

