

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\  
 Data File : BF113956.D  
 Acq On : 24 Apr 2019 12:58  
 Operator : JU/SJ  
 Sample : K2542-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

Quant Time: Apr 25 05:22:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 23 03:32:35 2019  
 Response via : Initial Calibration

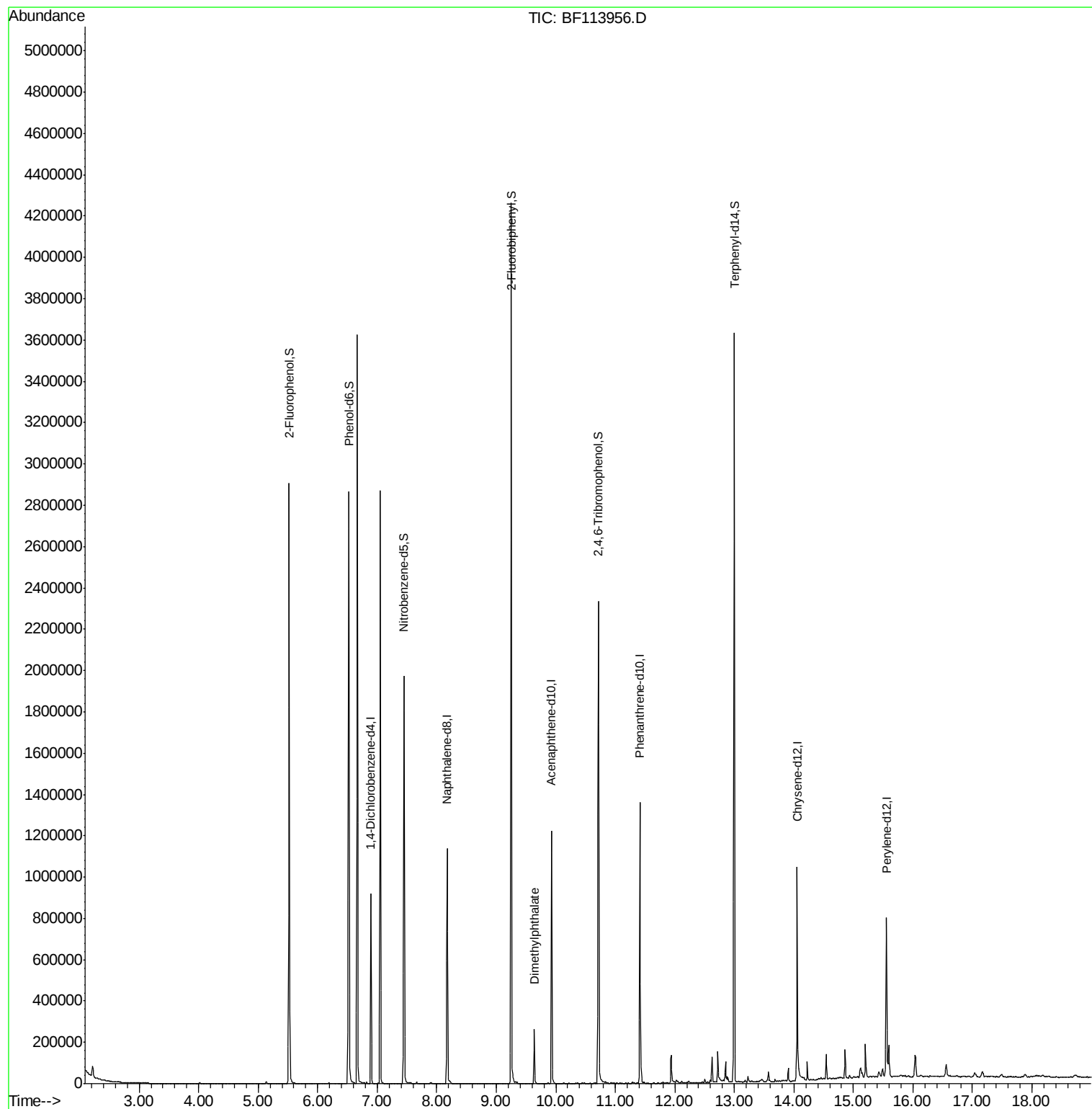
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 142048   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.17  | 136  | 526712   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.93  | 164  | 266488   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.42 | 188  | 498969   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.06 | 240  | 326815   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 15.56 | 264  | 391504   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.52  | 112  | 957275   | 115.26 | ng    | 0.00      |
| 7) Phenol-d6                | 6.53  | 99   | 1233305  | 118.36 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 764572   | 89.63  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.72 | 330  | 337883   | 104.08 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.25  | 172  | 1336891  | 78.46  | ng    | 0.00      |
| 79) Terphenyl-d14           | 13.00 | 244  | 1264710  | 79.34  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.64  | 163  | 114540   | 5.943  | ng    | Qvalue 99 |

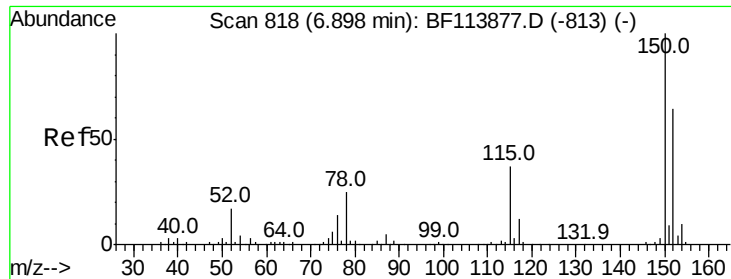
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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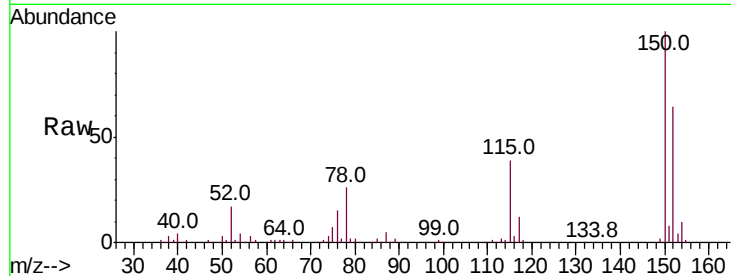


#1

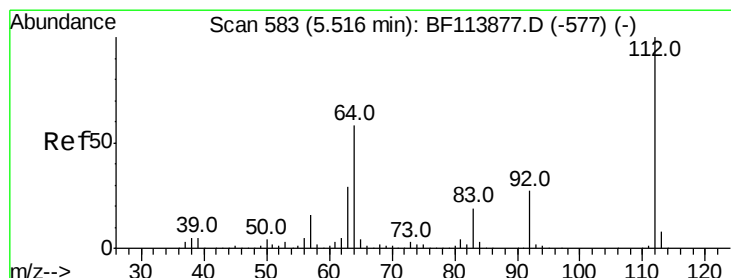
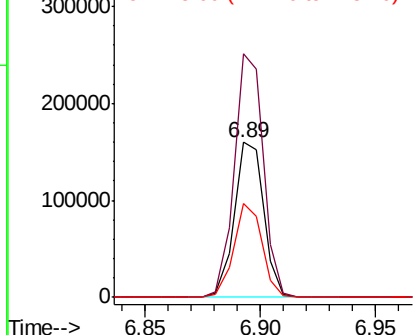
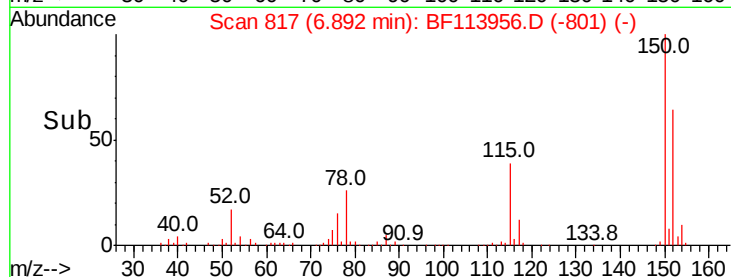
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BF113956.D  
Acq: 24 Apr 2019 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
TP-6

Tot Ion:152 Resp: 142048  
Ion Ratio Lower Upper  
152 100  
150 156.9 125.9 188.9  
115 60.7 45.9 68.9



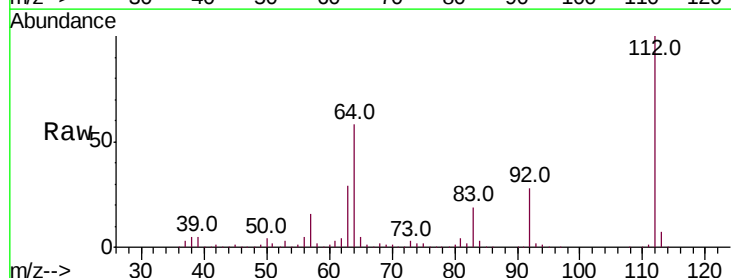
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



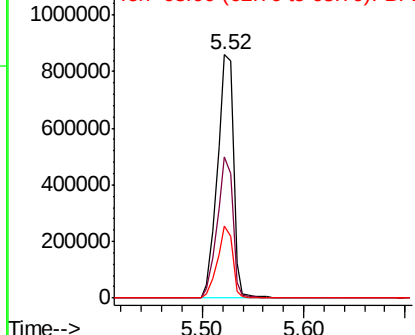
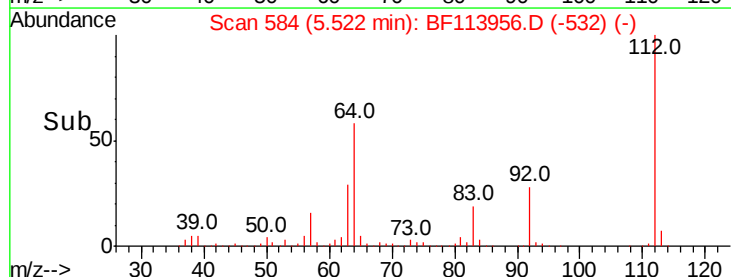
#5

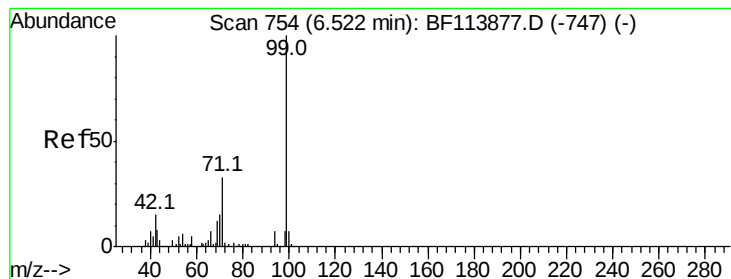
2-Fluorophenol  
Concen: 115.262 ng  
RT: 5.52 min Scan# 584  
Delta R.T. 0.01 min  
Lab File: BF113956.D  
Acq: 24 Apr 2019 12:58

Tgt Ion:112 Resp: 957275  
Ion Ratio Lower Upper  
112 100  
64 57.9 46.6 69.8  
63 29.4 23.1 34.7



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: 118.361 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113956.D

Acq: 24 Apr 2019 12:58

Instrument :

BNA\_F

ClientSampled :

TP-6

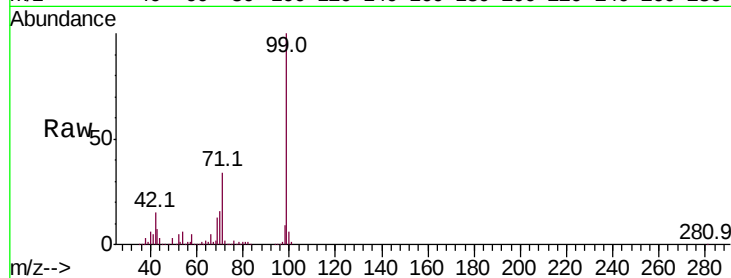
Tot Ion: 99 Resp: 1233305

Ion Ratio Lower Upper

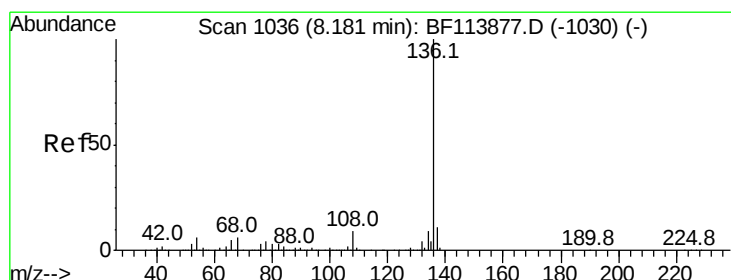
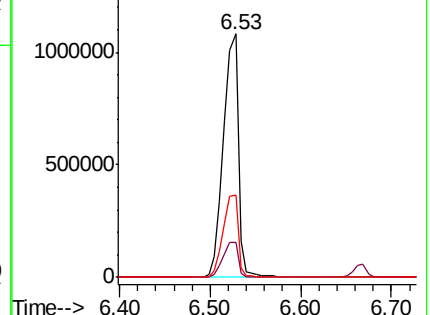
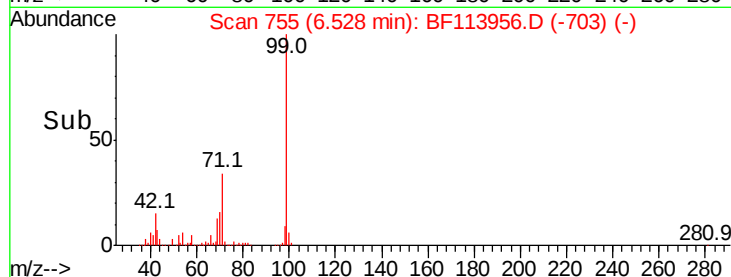
99 100

42 14.6 12.5 18.7

71 34.0 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113956.D

Acq: 24 Apr 2019 12:58

Tgt Ion: 136 Resp: 526712

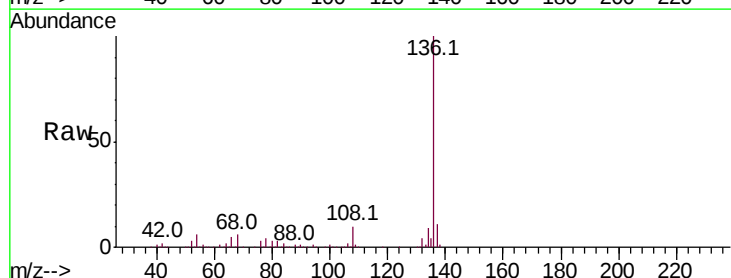
Ion Ratio Lower Upper

136 100

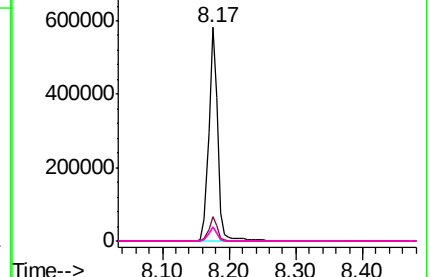
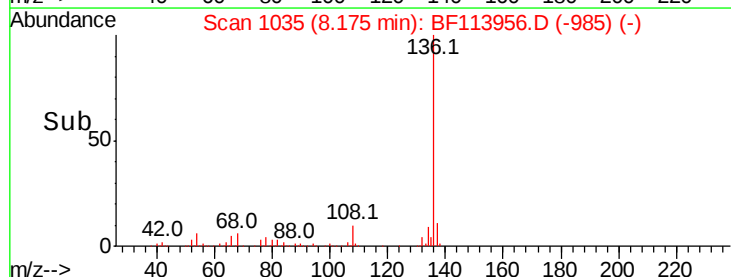
137 11.3 8.6 12.8

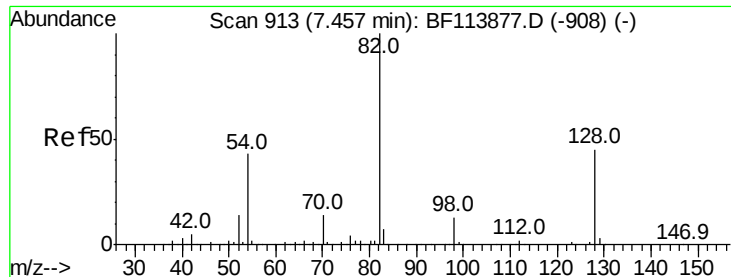
54 6.4 5.0 7.6

68 6.3 4.9 7.3



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

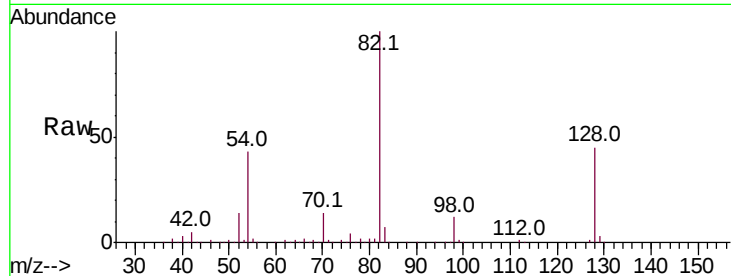




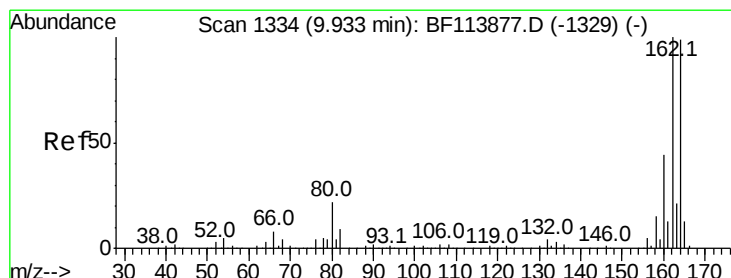
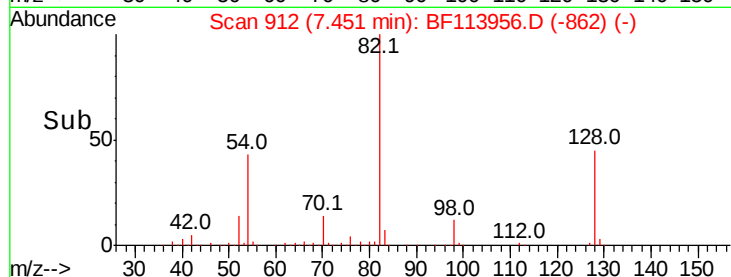
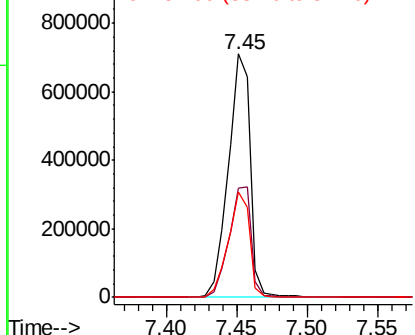
#23  
Nitrobenzene-d5  
Concen: 89.627 ng  
RT: 7.45 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BF113956.D  
Acq: 24 Apr 2019 12:58

Instrument :  
BNA\_F  
ClientSampled :  
TP-6

| Tot Ion   | 82   | Resp  | 764572 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 45.1 | 36.8  | 55.2   |
| 54        | 43.2 | 33.8  | 50.6   |

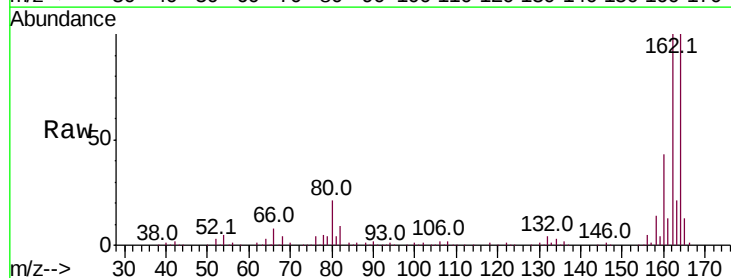


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

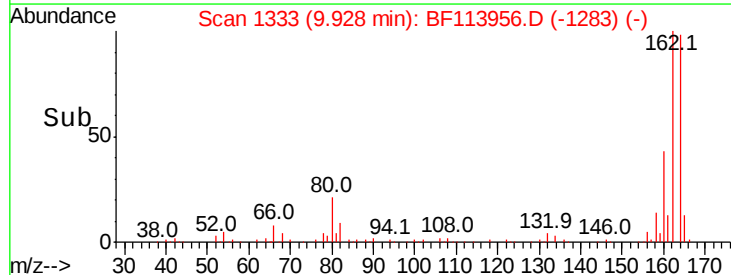
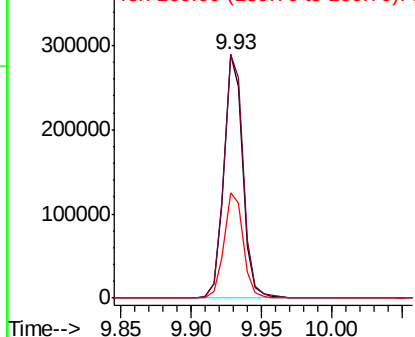


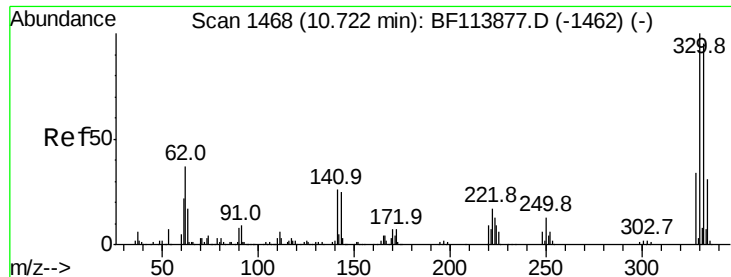
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF113956.D  
Acq: 24 Apr 2019 12:58

| Tgt Ion   | 164  | Resp  | 266488 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 162       | 99.8 | 81.1  | 121.7  |
| 160       | 43.2 | 35.8  | 53.6   |



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

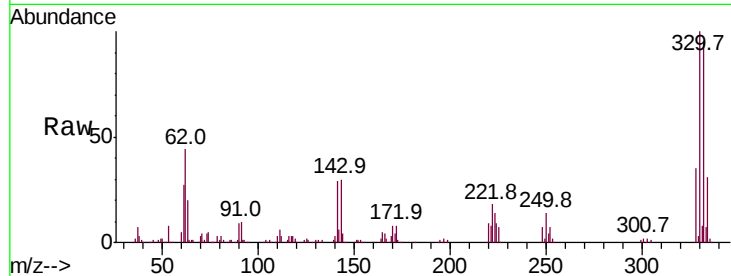




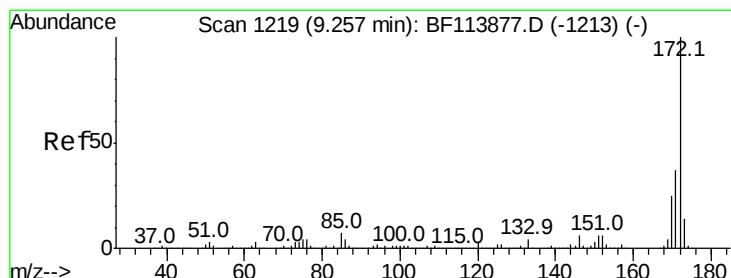
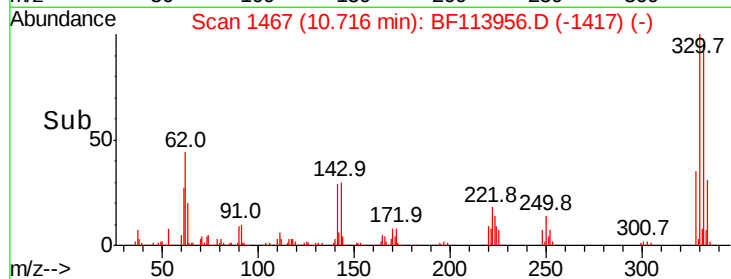
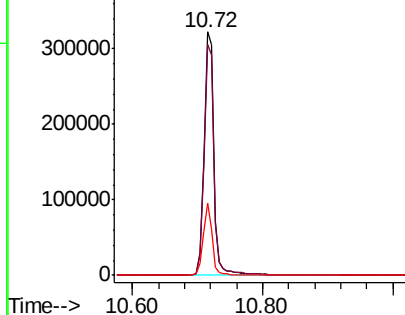
#42  
 2,4,6-Tribromophenol  
 Concen: 104.080 ng  
 RT: 10.72 min Scan# 1467  
 Delta R.T. -0.01 min  
 Lab File: BF113956.D  
 Acq: 24 Apr 2019 12:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

Tot Ion:330 Resp: 337883  
 Ion Ratio Lower Upper  
 330 100  
 332 94.9 77.5 116.3  
 141 26.9 22.2 33.2

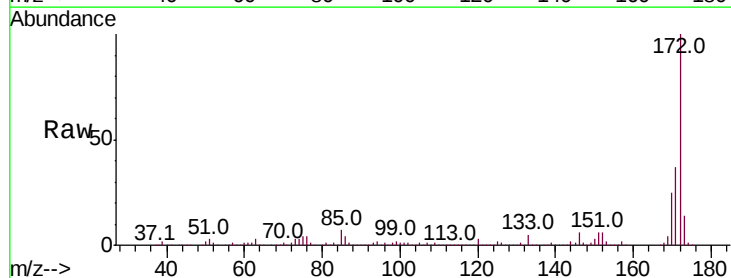


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

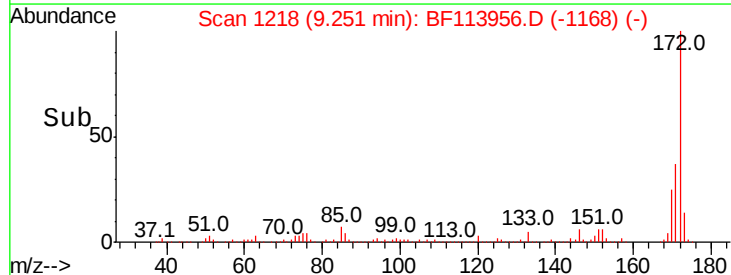
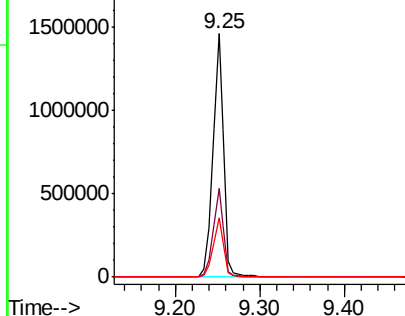


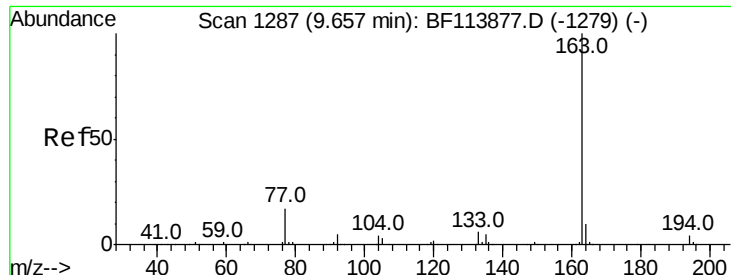
#45  
 2-Fluorobiphenyl  
 Concen: 78.462 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. -0.00 min  
 Lab File: BF113956.D  
 Acq: 24 Apr 2019 12:58

Tgt Ion:172 Resp: 1336891  
 Ion Ratio Lower Upper  
 172 100  
 171 36.6 29.4 44.0  
 170 24.5 19.9 29.9



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

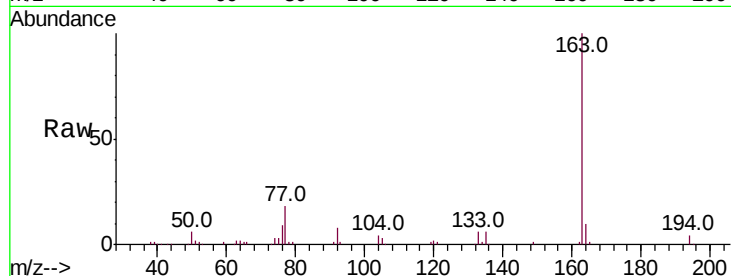




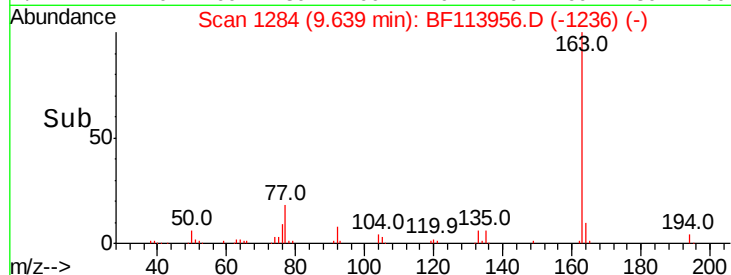
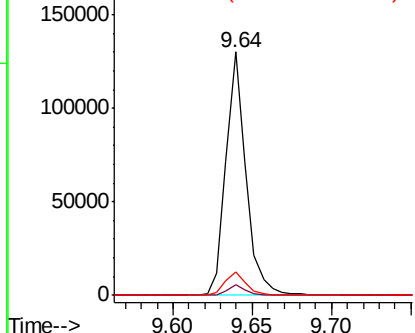
#50  
Dimethylphthalate  
Concen: 5.943 ng  
RT: 9.64 min Scan# 1284  
Delta R.T. -0.02 min  
Lab File: BF113956.D  
Acq: 24 Apr 2019 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
TP-6

Tot Ion:163 Resp: 114540  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.2  
164 9.9 8.5 12.7

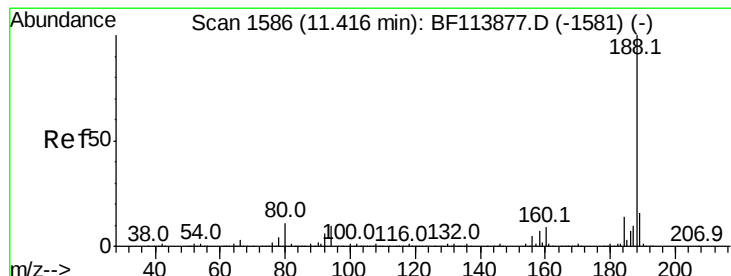


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

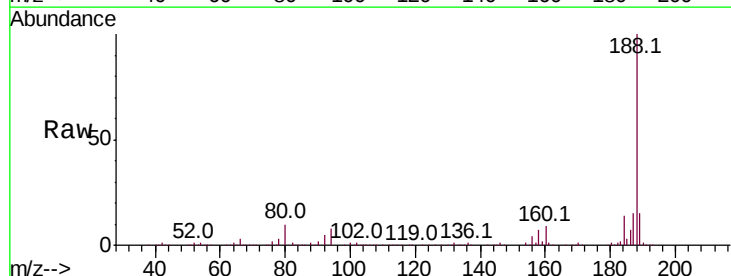
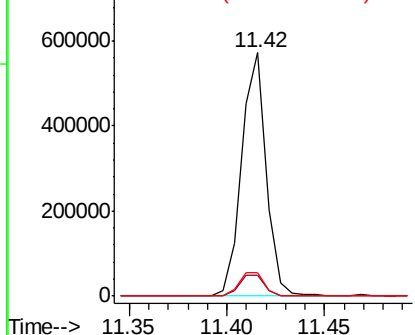


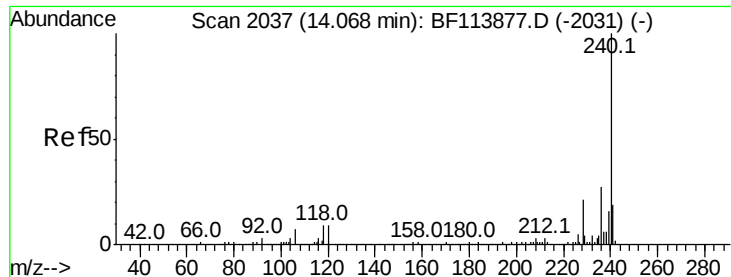
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: BF113956.D  
Acq: 24 Apr 2019 12:58

Tgt Ion:188 Resp: 498969  
Ion Ratio Lower Upper  
188 100  
94 8.4 8.2 12.4  
80 9.5 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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113956.D

Acq: 24 Apr 2019 12:58

Instrument :

BNA\_F

ClientSampleId :

TP-6

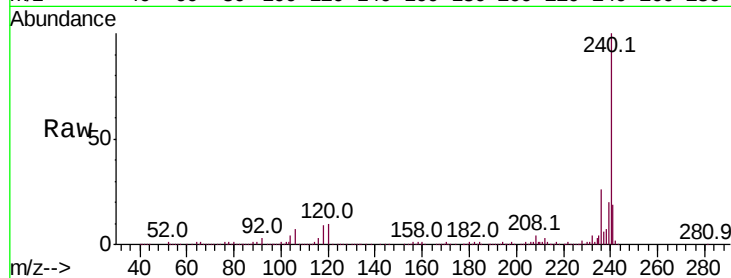
Tot Ion:240 Resp: 326815

Ion Ratio Lower Upper

240 100

120 10.3 9.3 13.9

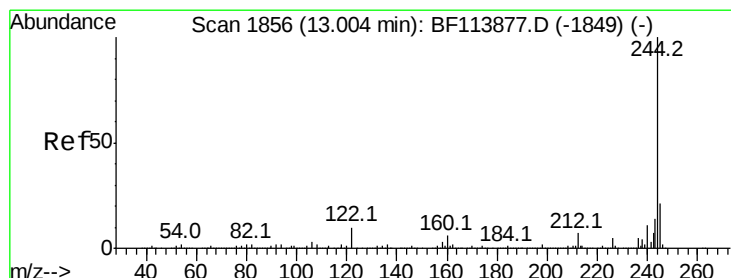
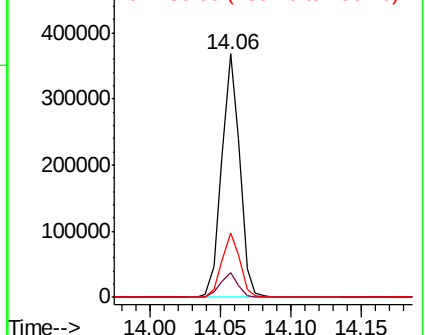
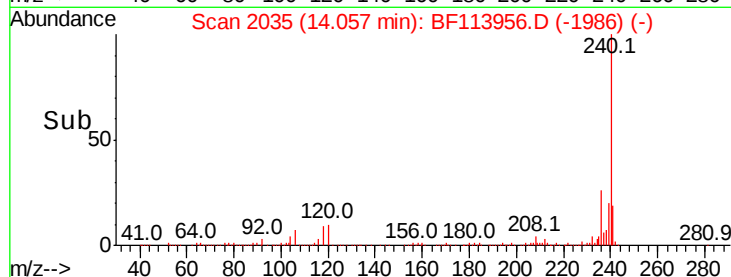
236 26.4 21.2 31.8



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: 79.336 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF113956.D

Acq: 24 Apr 2019 12:58

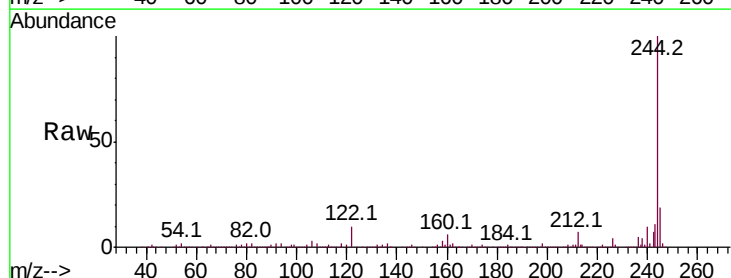
Tgt Ion:244 Resp: 1264710

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

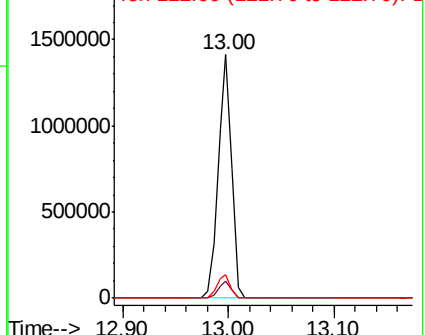
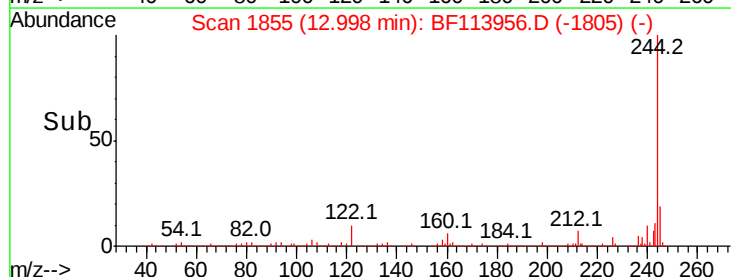
122 9.8 7.6 11.4

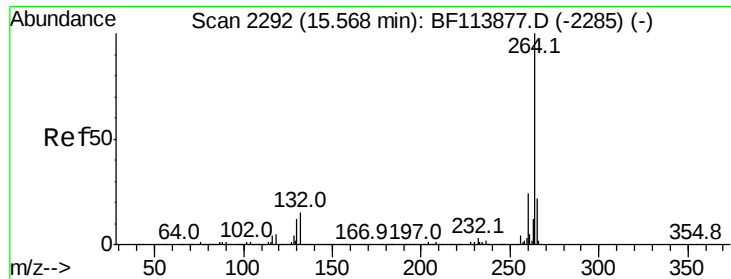


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 2290  
 Delta R.T. -0.01 min  
 Lab File: BF113956.D  
 Acq: 24 Apr 2019 12:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 18.9  | 28.3  |
| 265     | 21.5  | 17.3  | 25.9  |

