

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\  
 Data File : BF113953.D  
 Acq On : 24 Apr 2019 11:39  
 Operator : JU/SJ  
 Sample : K2515-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10

Quant Time: Apr 24 14:09:09 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

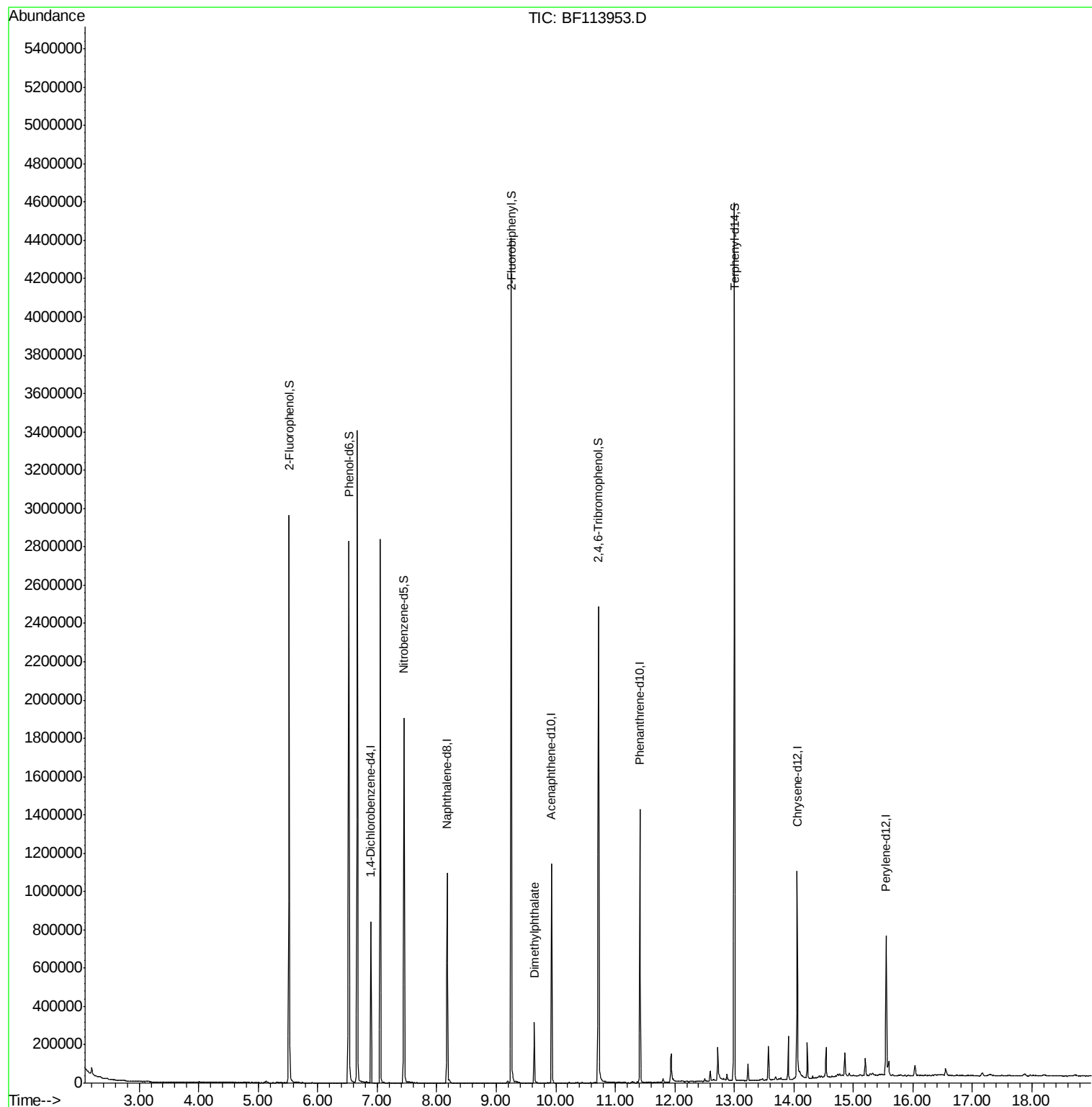
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 128193   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.17  | 136  | 476011   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.93  | 164  | 249732   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.42 | 188  | 498173   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 14.06 | 240  | 365257   | 20.00  | ng    | -0.01        |
| 87) Perylene-d12            | 15.55 | 264  | 373748   | 20.00  | ng    | -0.02        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.52  | 112  | 926623   | 123.63 | ng    | 0.00         |
| 7) Phenol-d6                | 6.53  | 99   | 1207351  | 128.39 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 740311   | 96.03  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.72 | 330  | 359102   | 118.04 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.25  | 172  | 1487092  | 93.13  | ng    | 0.00         |
| 79) Terphenyl-d14           | 13.00 | 244  | 1759069  | 98.73  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.64  | 163  | 130106   | 7.204  | ng    | Qvalue<br>99 |

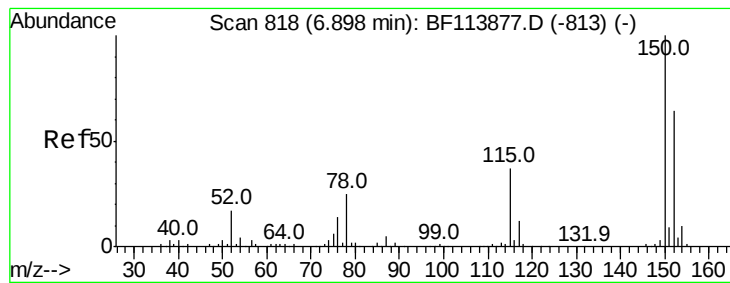
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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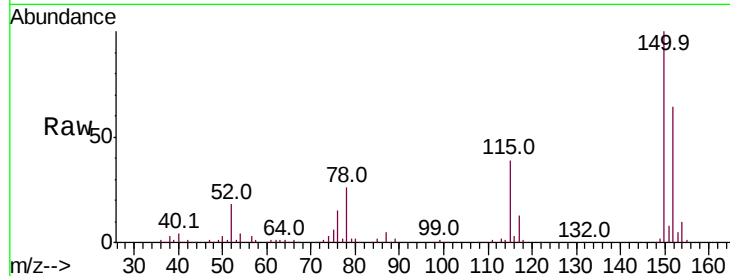


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BF113953.D  
Acq: 24 Apr 2019 11:39

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.1 | 125.9 | 188.9 |
| 115     | 61.2  | 45.9  | 68.9  |

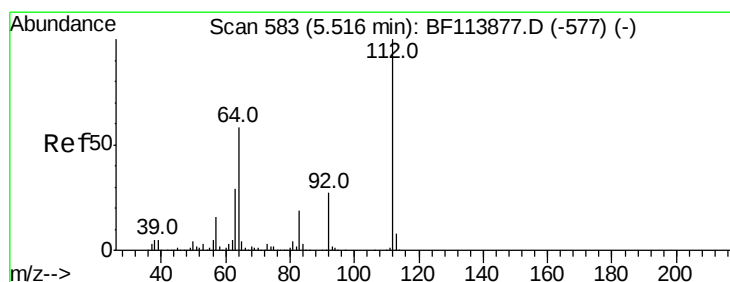
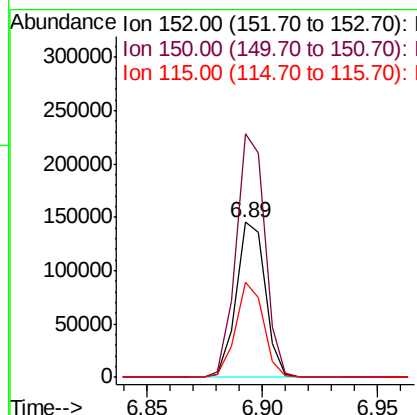
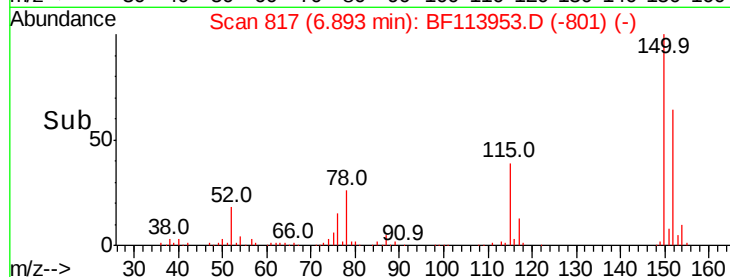


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

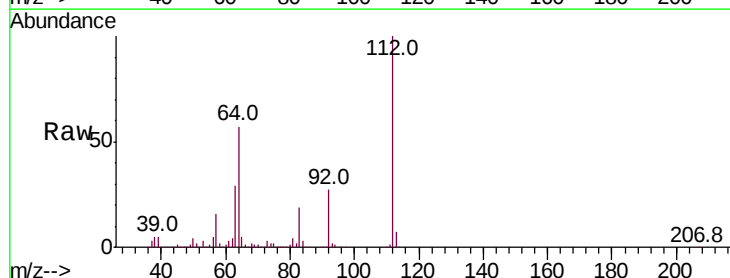
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 123.630 ng  
RT: 5.52 min Scan# 584  
Delta R.T. 0.01 min  
Lab File: BF113953.D  
Acq: 24 Apr 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.4  | 46.6  | 69.8  |
| 63      | 28.5  | 23.1  | 34.7  |

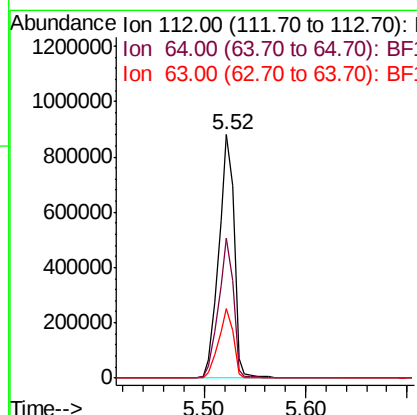
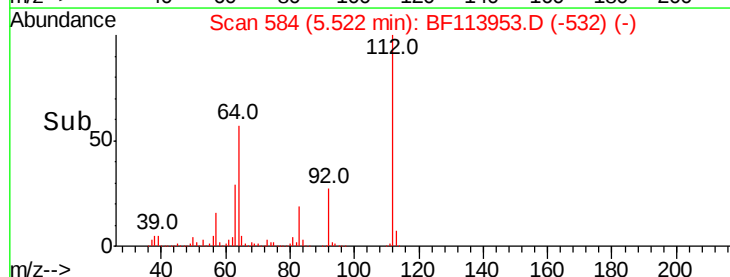


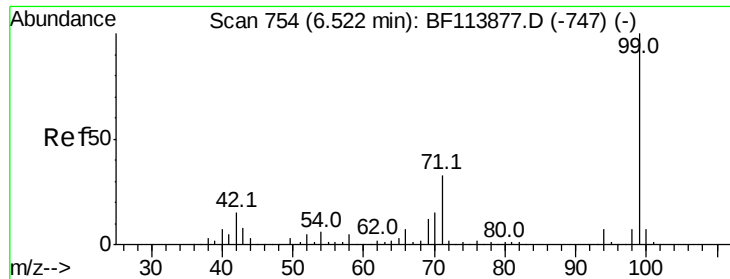
Abundance

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: 128.394 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

Instrument :

BNA\_F

ClientSampled :

TP-10

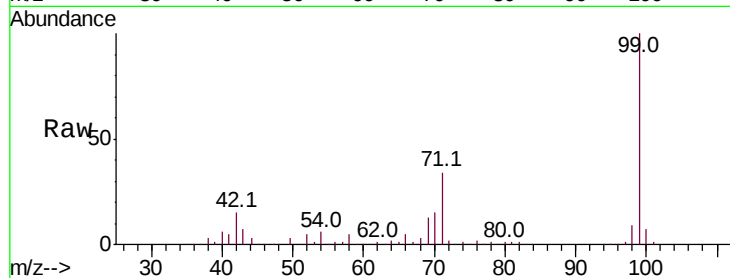
Tot Ion: 99 Resp: 1207351

Ion Ratio Lower Upper

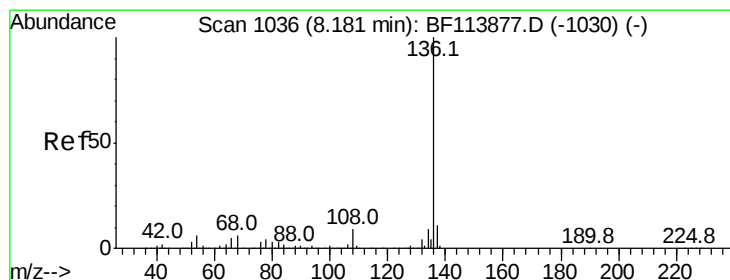
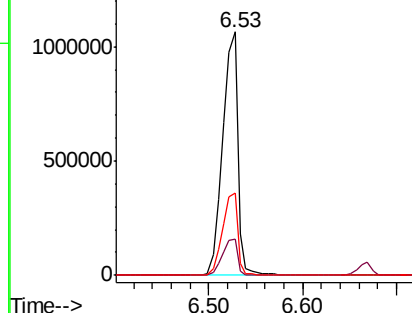
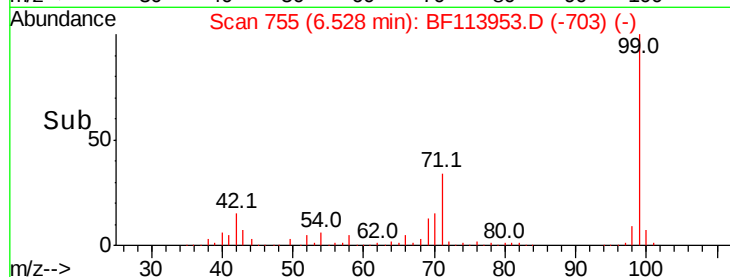
99 100

42 14.7 12.5 18.7

71 33.9 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: BF113953.D

Acq: 24 Apr 2019 11:39

Tgt Ion: 136 Resp: 476011

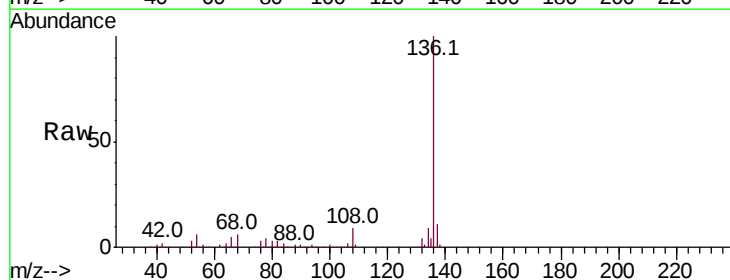
Ion Ratio Lower Upper

136 100

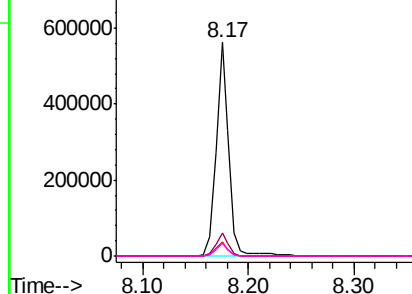
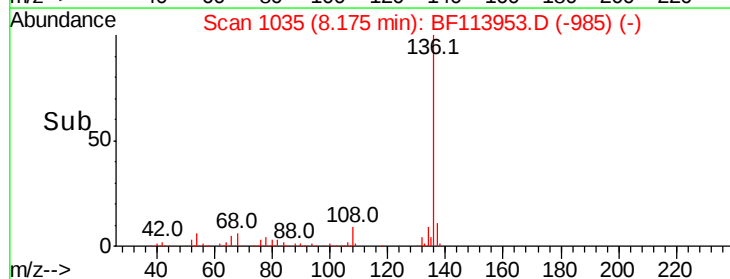
137 10.9 8.6 12.8

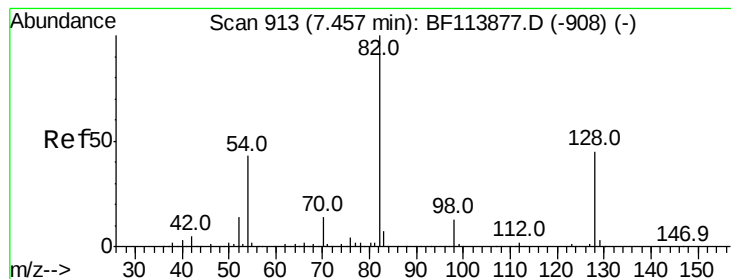
54 6.3 5.0 7.6

68 6.1 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: 96.027 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

Instrument :

BNA\_F

ClientSampled :

TP-10

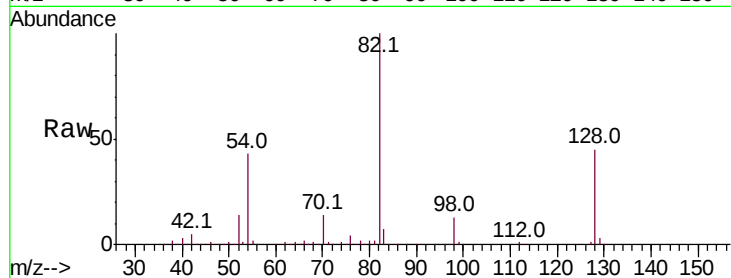
Tot Ion: 82 Resp: 740311

Ion Ratio Lower Upper

82 100

128 45.1 36.8 55.2

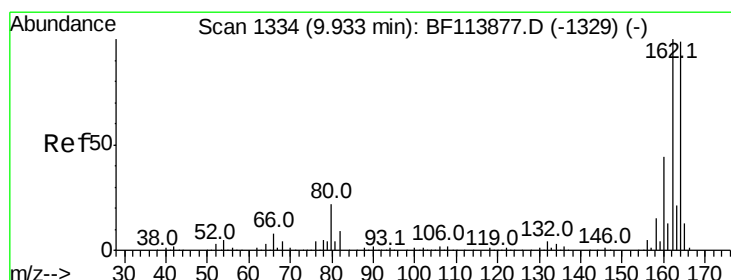
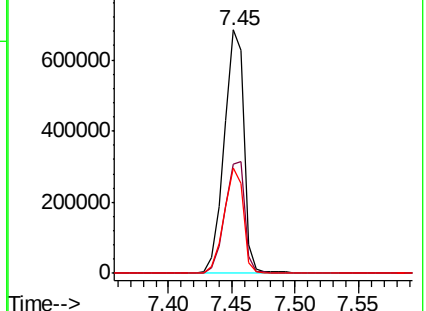
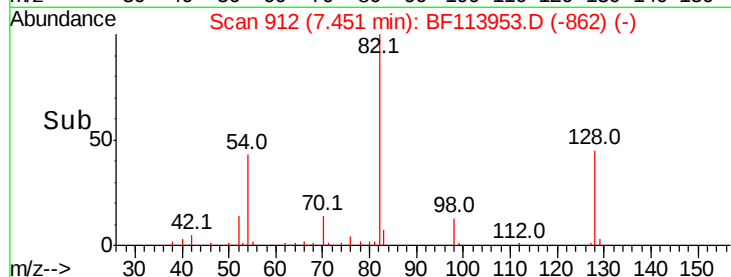
54 43.3 33.8 50.6



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: BF113953.D

Acq: 24 Apr 2019 11:39

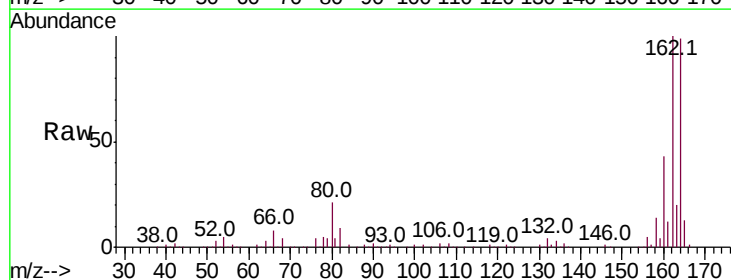
Tgt Ion: 164 Resp: 249732

Ion Ratio Lower Upper

164 100

162 100.9 81.1 121.7

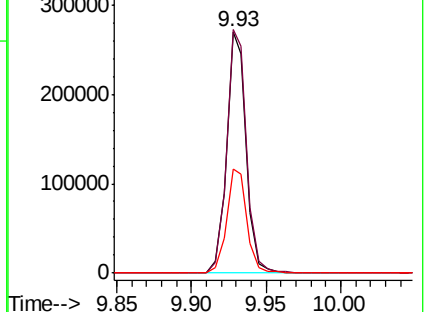
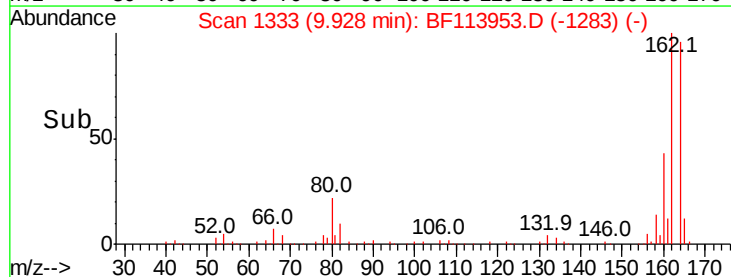
160 43.1 35.8 53.6

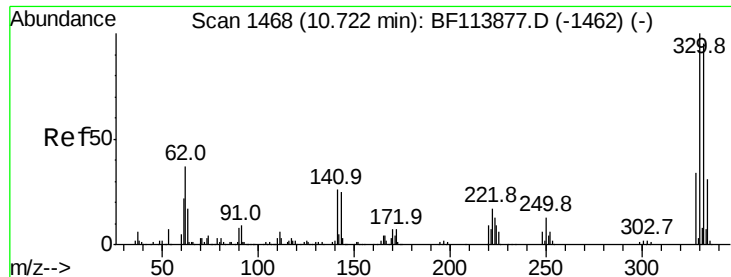


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

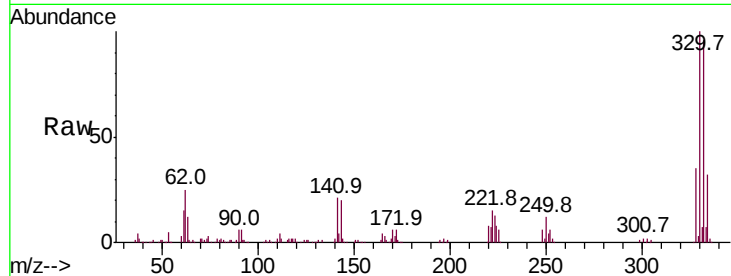




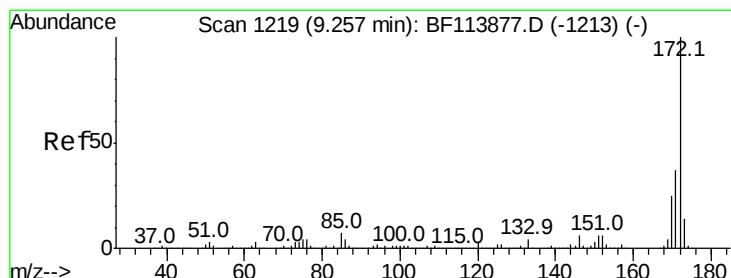
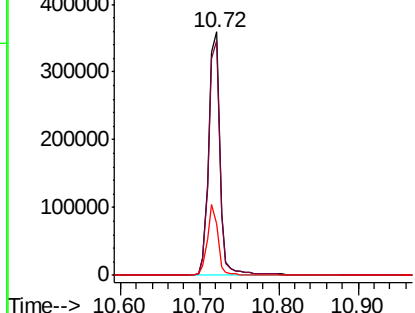
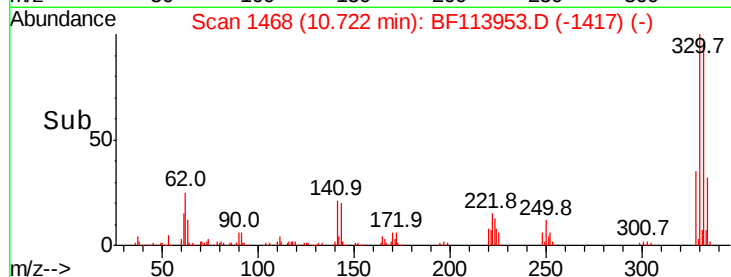
#42  
 2,4,6-Tribromophenol  
 Concen: 118.038 ng  
 RT: 10.72 min Scan# 1468  
 Delta R.T. 0.00 min  
 Lab File: BF113953.D  
 Acq: 24 Apr 2019 11:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10

Tot Ion:330 Resp: 359102  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 77.5 116.3  
 141 27.3 22.2 33.2

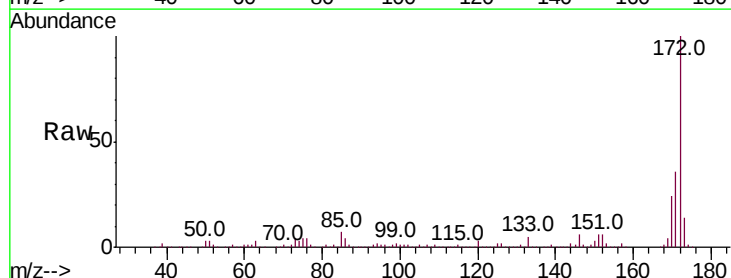


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

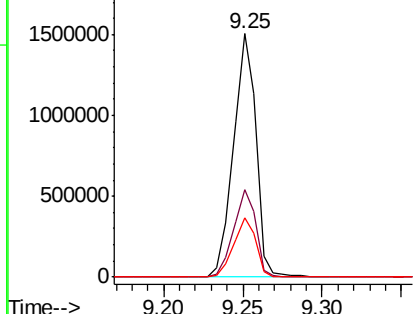
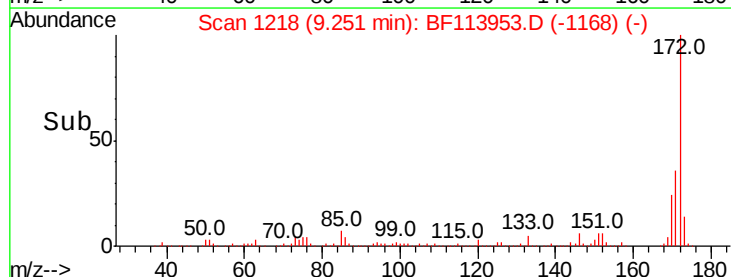


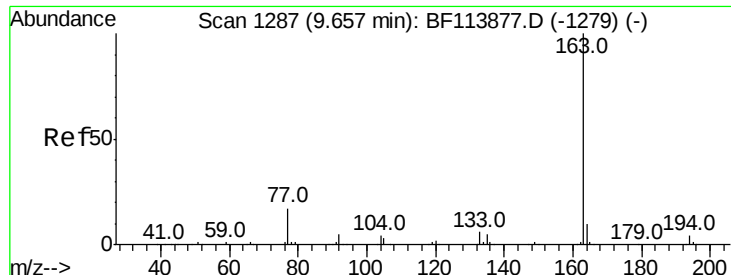
#45  
 2-Fluorobiphenyl  
 Concen: 93.134 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. -0.00 min  
 Lab File: BF113953.D  
 Acq: 24 Apr 2019 11:39

Tgt Ion:172 Resp: 1487092  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 29.4 44.0  
 170 24.4 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

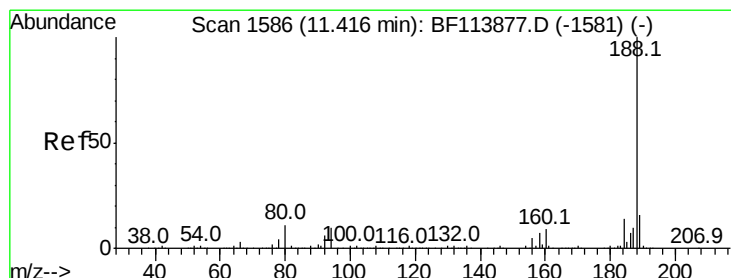
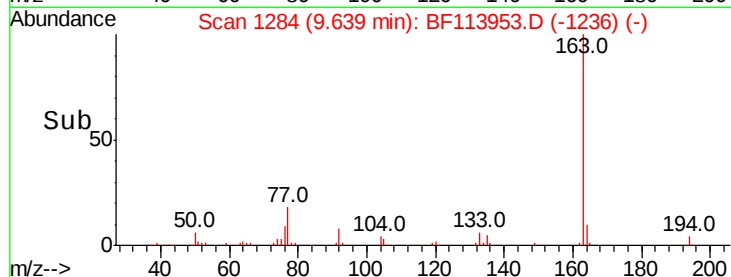
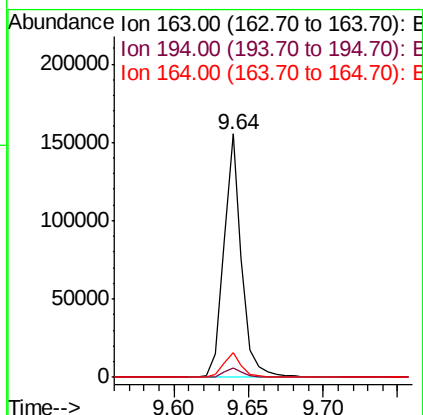
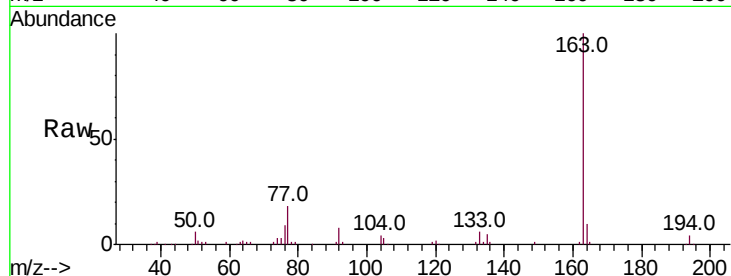




#50  
Dimethylphthalate  
Concen: 7.204 ng  
RT: 9.64 min Scan# 1284  
Delta R.T. -0.02 min  
Lab File: BF113953.D  
Acq: 24 Apr 2019 11:39

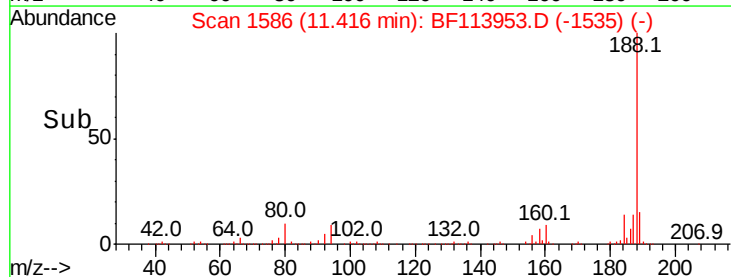
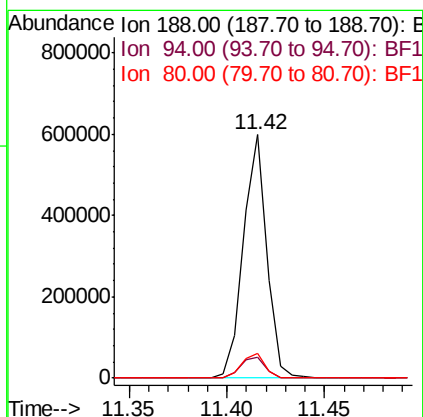
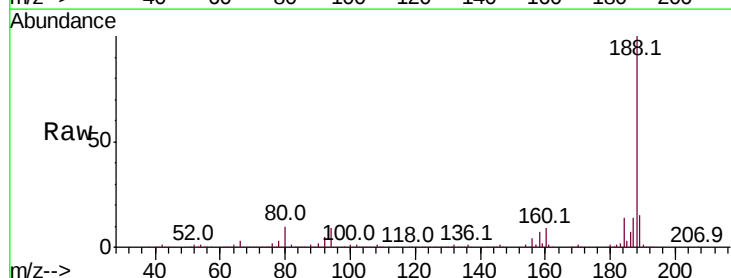
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10

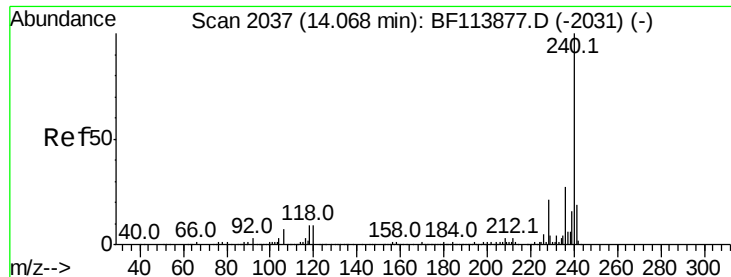
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.4   | 5.2   |
| 164     | 10.0  | 8.5   | 12.7  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: BF113953.D  
Acq: 24 Apr 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.7   | 8.2   | 12.4  |
| 80      | 10.1  | 9.0   | 13.6  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

Instrument :

BNA\_F

ClientSampled :

TP-10

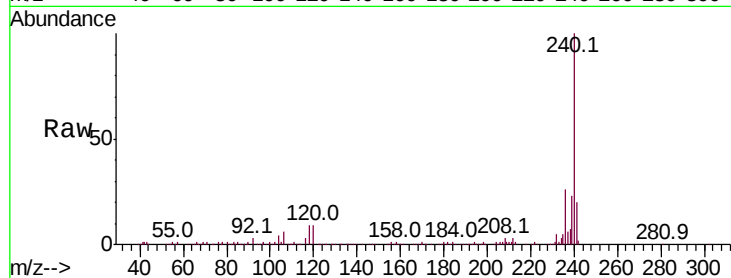
Tot Ion:240 Resp: 365257

Ion Ratio Lower Upper

240 100

120 9.2 9.3 13.9#

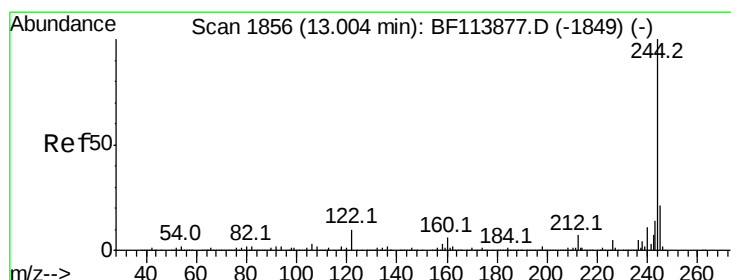
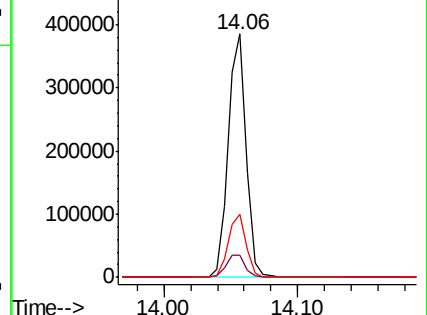
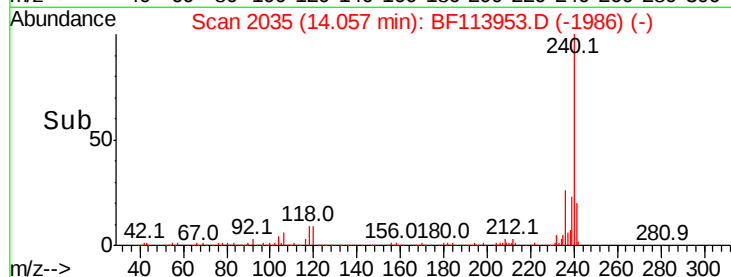
236 26.0 21.2 31.8



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: 98.734 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

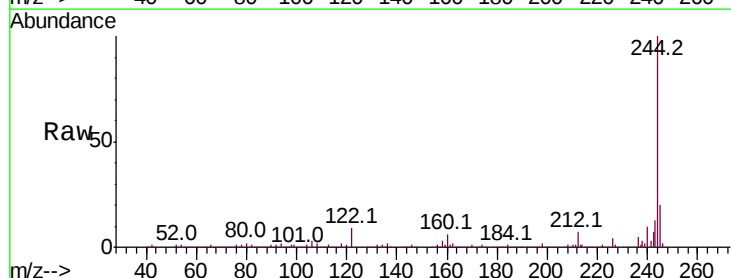
Tgt Ion:244 Resp: 1759069

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

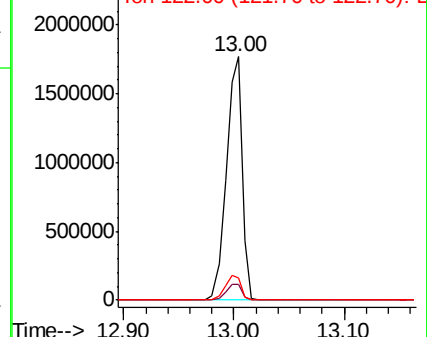
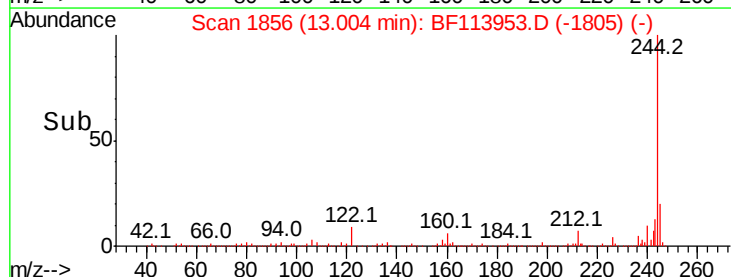
122 9.1 7.6 11.4

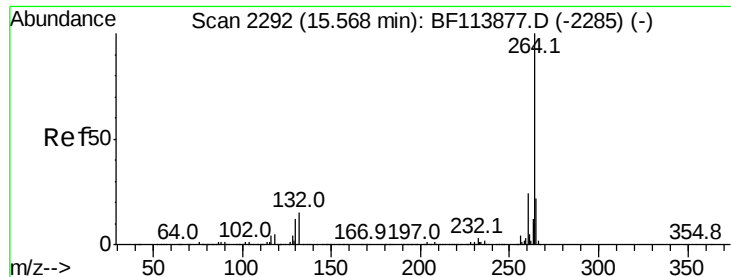


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



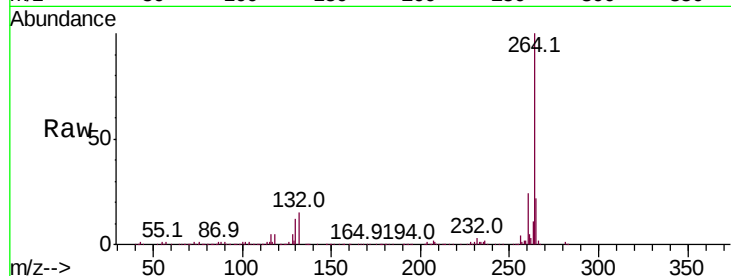


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.55 min Scan# 2289  
Delta R.T. -0.02 min  
Lab File: BF113953.D  
Acq: 24 Apr 2019 11:39

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10

Tot Ion: 264 Resp: 373748  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.9  | 18.9  | 28.3  |
| 265 | 22.0  | 17.3  | 25.9  |



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

