

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\  
 Data File : BF108841.D  
 Acq On : 6 Sep 2018 23:25  
 Operator : JU/SJ  
 Sample : J4803-16  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP1-Q2-J5

Quant Time: Sep 07 03:27:35 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 05 18:03:31 2018  
 Response via : Initial Calibration

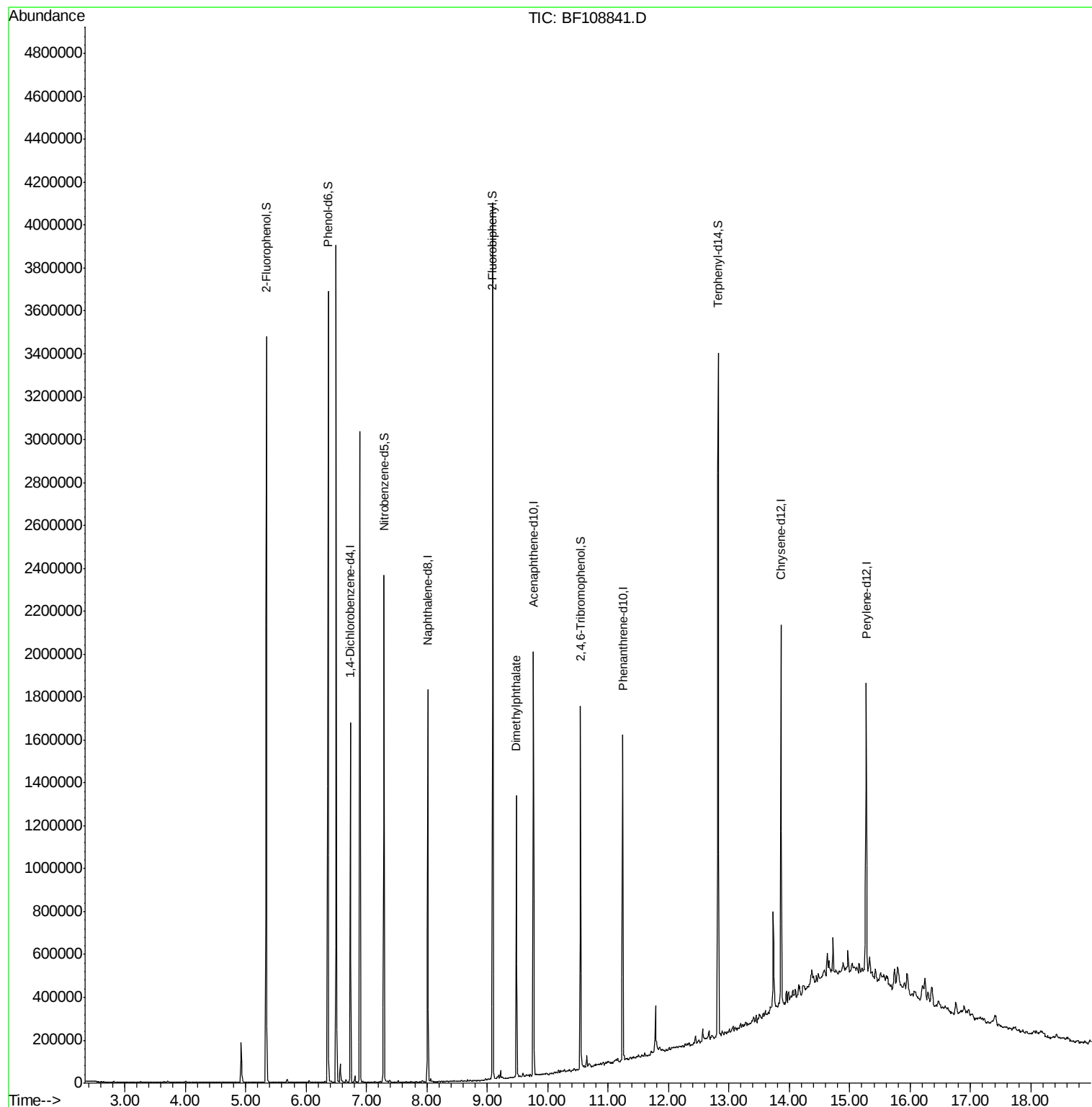
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.74  | 152  | 229649   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.01  | 136  | 823007   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.77  | 164  | 345623   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.24 | 188  | 541866   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.87 | 240  | 557359   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.27 | 264  | 613429   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.34  | 112  | 968540   | 69.87  | ng    | 0.00     |
| 7) Phenol-d6                | 6.37  | 99   | 1204408  | 67.53  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 742432   | 56.45  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 212362   | 64.36  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.09  | 172  | 1261278  | 62.26  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.82 | 244  | 1005844  | 42.08  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.48  | 163  | 453281   | 18.751 | ng    | 99       |

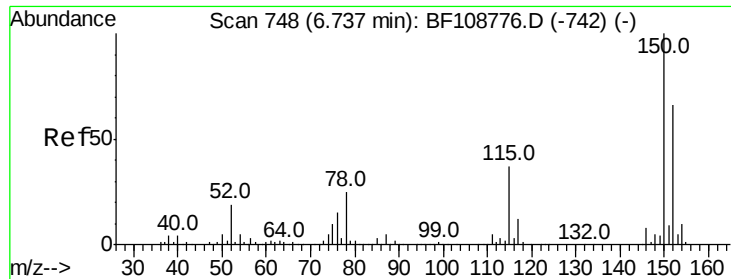
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\  
Data File : BF108841.D  
Acq On : 6 Sep 2018 23:25  
Operator : JU/SJ  
Sample : J4803-16  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EP1-Q2-J5

Quant Time: Sep 07 03:27:35 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 05 18:03:31 2018  
Response via : Initial Calibration



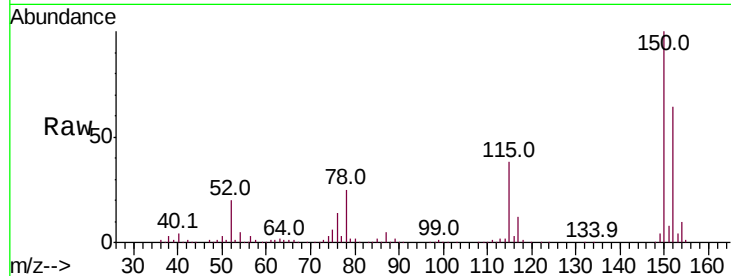


#1

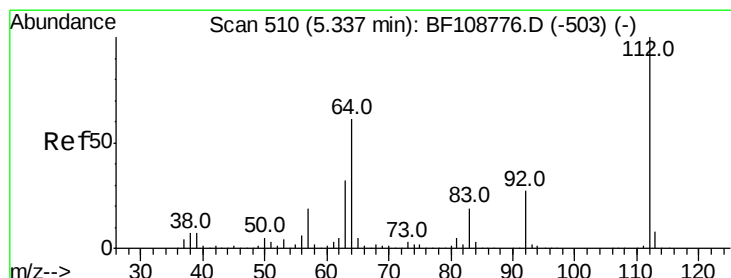
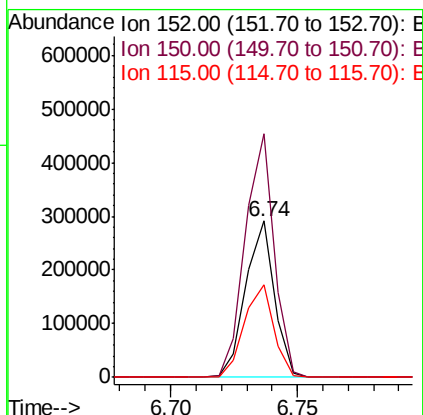
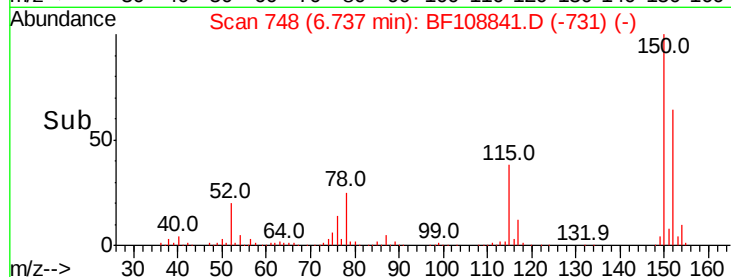
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.74 min Scan# 748  
Delta R.T. -0.00 min  
Lab File: BF108841.D  
Acq: 6 Sep 2018 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
EP1-Q2-J5

Tot Ion:152 Resp: 229649  
Ion Ratio Lower Upper  
152 100  
150 156.1 124.6 186.8  
115 59.6 50.1 75.1



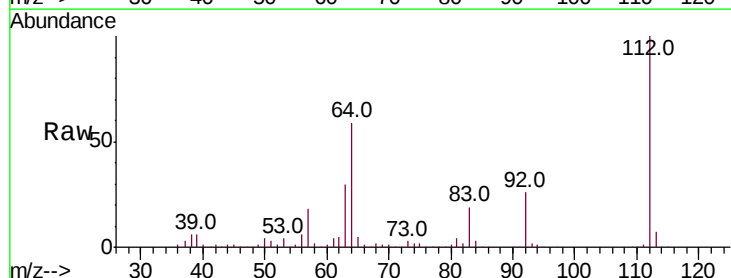
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



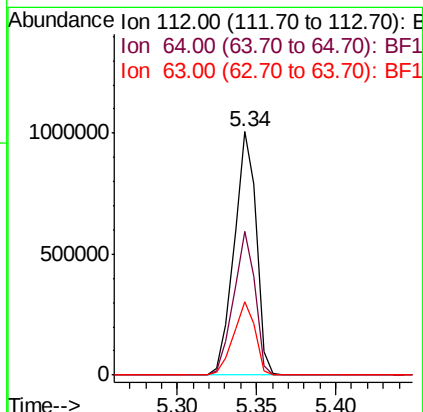
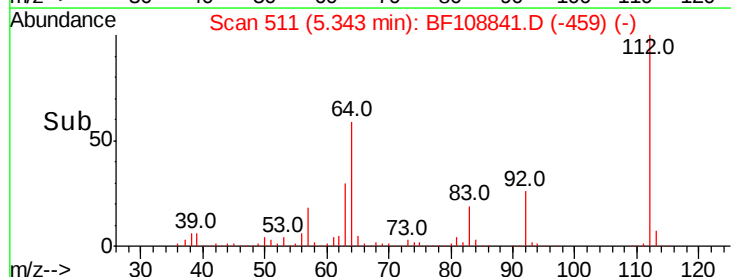
#5

2-Fluorophenol  
Concen: 69.870 ng  
RT: 5.34 min Scan# 511  
Delta R.T. 0.01 min  
Lab File: BF108841.D  
Acq: 6 Sep 2018 23:25

Tgt Ion:112 Resp: 968540  
Ion Ratio Lower Upper  
112 100  
64 59.3 47.9 71.9  
63 30.1 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: 67.528 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108841.D

Acq: 6 Sep 2018 23:25

Instrument :

BNA\_F

ClientSampleId :

EP1-Q2-J5

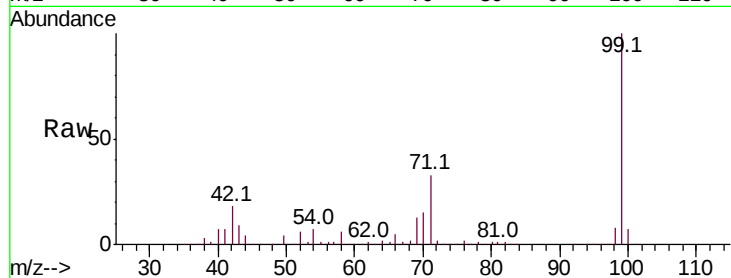
Tot Ion: 99 Resp: 1204408

Ion Ratio Lower Upper

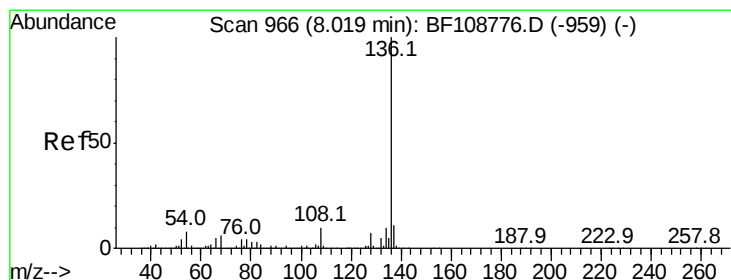
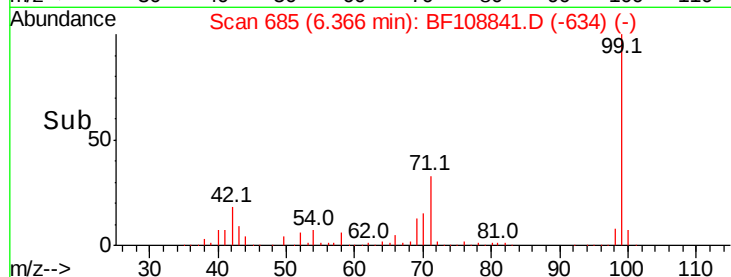
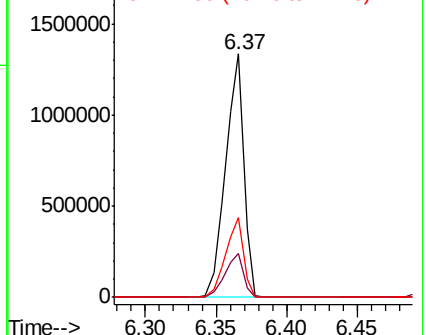
99 100

42 18.3 14.5 21.7

71 32.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108841.D

Acq: 6 Sep 2018 23:25

Tgt Ion: 136 Resp: 823007

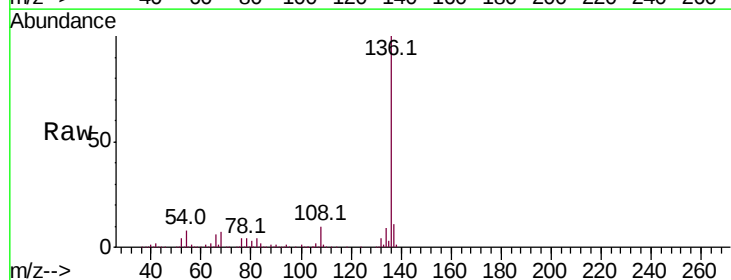
Ion Ratio Lower Upper

136 100

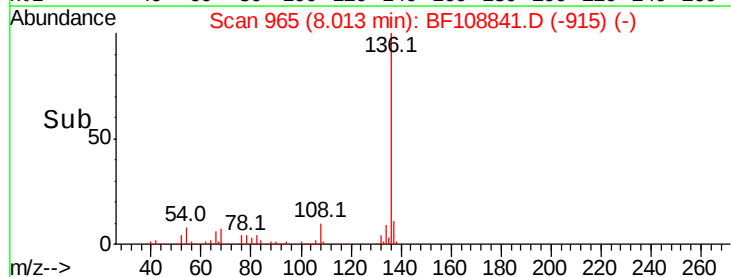
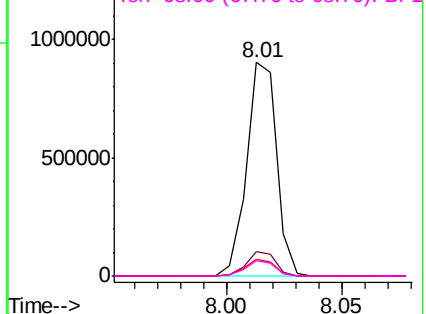
137 11.3 8.9 13.3

54 8.0 6.6 9.8

68 6.9 5.0 7.4



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



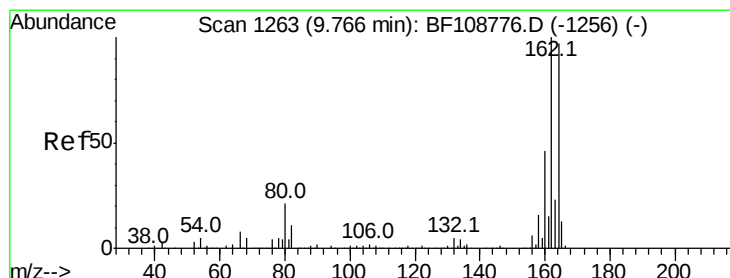
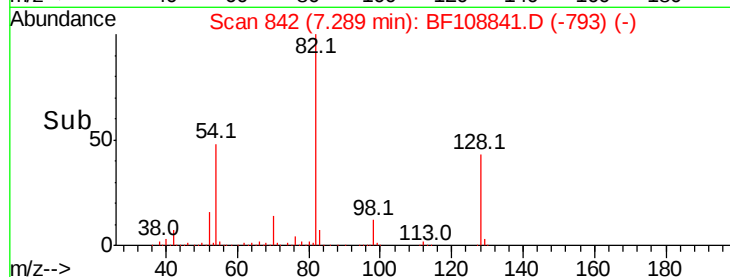
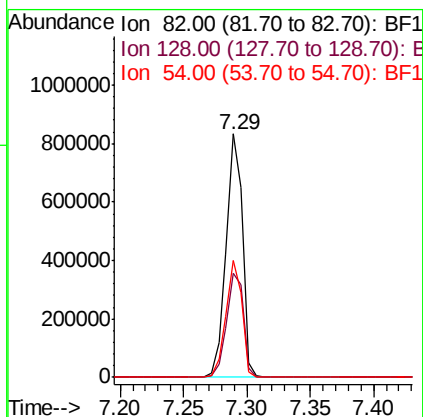
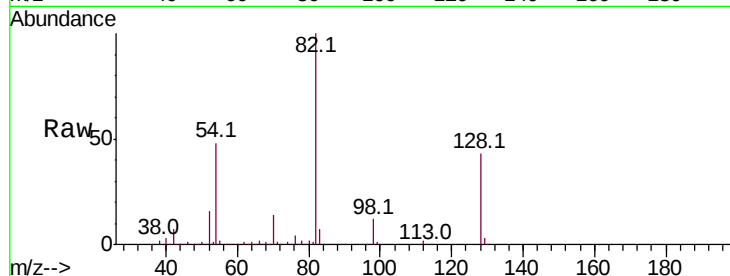


#23  
 Nitrobenzene-d5  
 Concen: 56.454 ng  
 RT: 7.29 min Scan# 842  
 Delta R.T. -0.01 min  
 Lab File: BF108841.D  
 Acq: 6 Sep 2018 23:25

Instrument :  
 BNA\_F  
 ClientSampled :  
 EP1-Q2-J5

Tot Ion: 82 Resp: 742432  

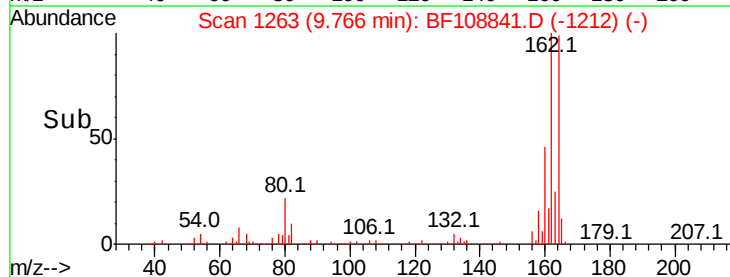
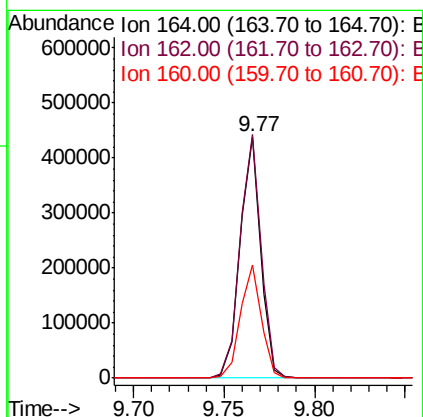
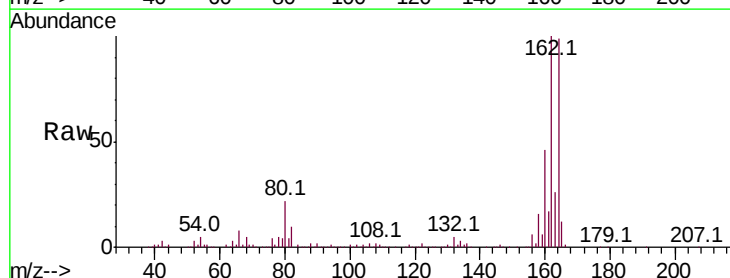
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.8  | 36.1  | 54.1  |
| 54  | 48.1  | 41.4  | 62.2  |

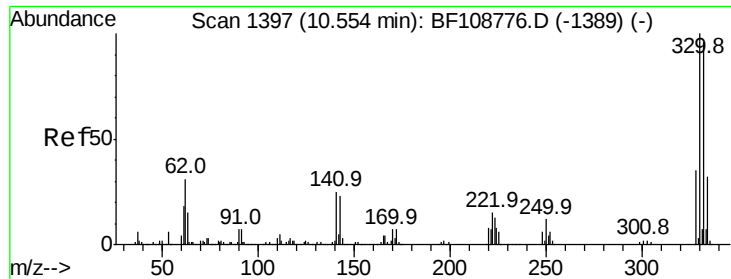


#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.77 min Scan# 1263  
 Delta R.T. -0.00 min  
 Lab File: BF108841.D  
 Acq: 6 Sep 2018 23:25

Tgt Ion:164 Resp: 345623  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.0 | 86.1  | 129.1 |
| 160 | 46.7  | 38.3  | 57.5  |

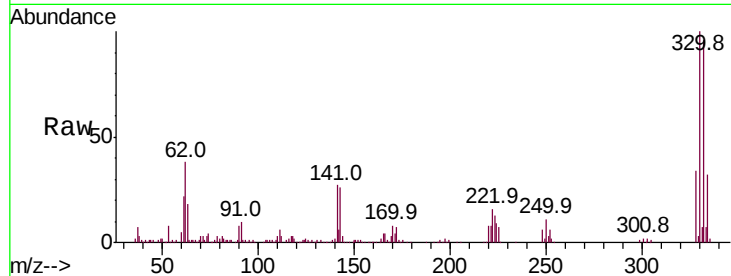




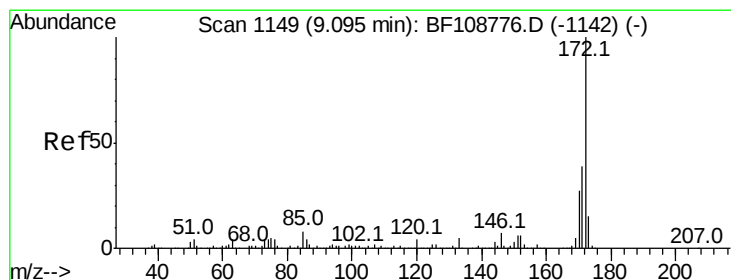
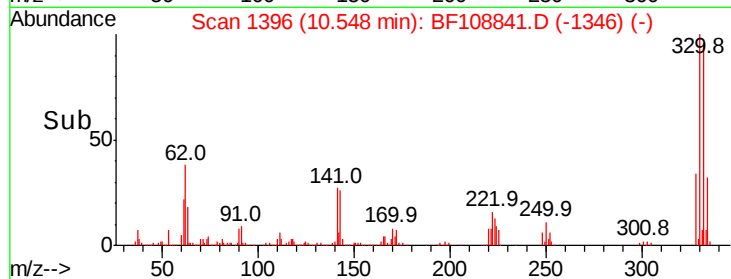
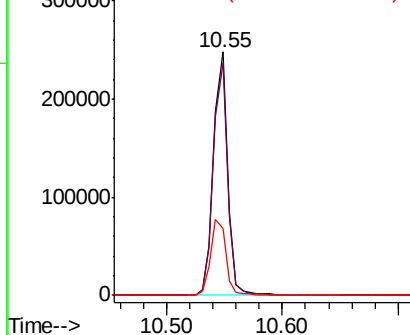
#41  
 2,4,6-Tribromophenol  
 Concen: 64.362 ng  
 RT: 10.55 min Scan# 1396  
 Delta R.T. -0.01 min  
 Lab File: BF108841.D  
 Acq: 6 Sep 2018 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP1-Q2-J5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.8  | 77.0  | 115.6 |
| 141     | 33.5  | 29.9  | 44.9  |

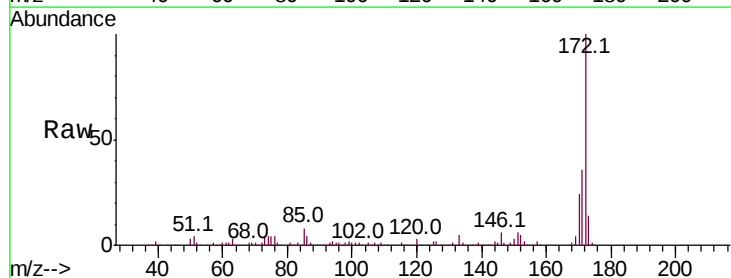


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

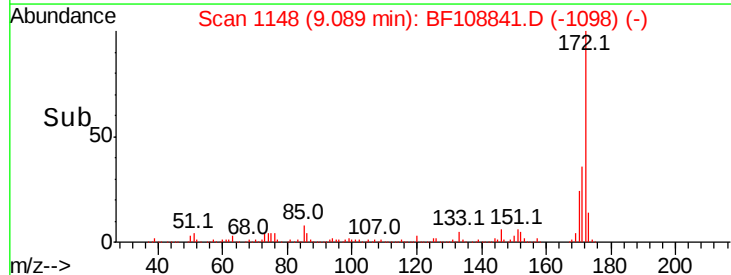
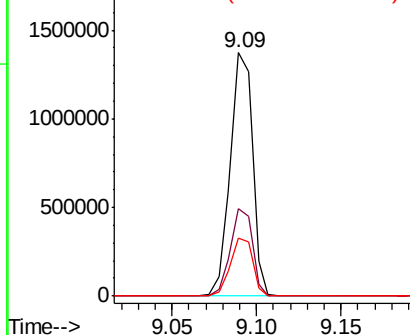


#44  
 2-Fluorobiphenyl  
 Concen: 62.256 ng  
 RT: 9.09 min Scan# 1148  
 Delta R.T. -0.01 min  
 Lab File: BF108841.D  
 Acq: 6 Sep 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 29.7  | 44.5  |
| 170     | 23.9  | 19.6  | 29.4  |



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

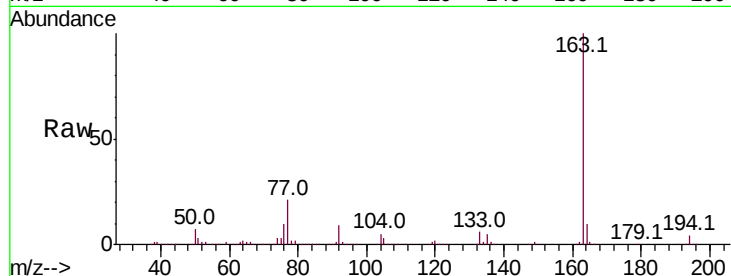




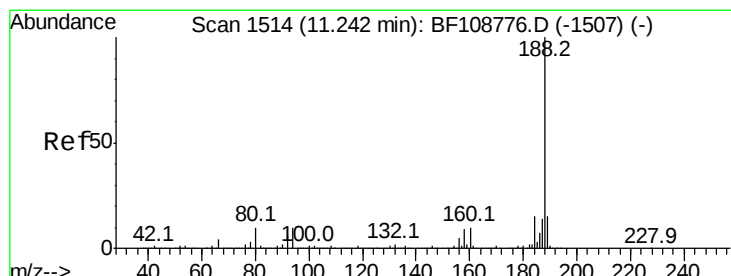
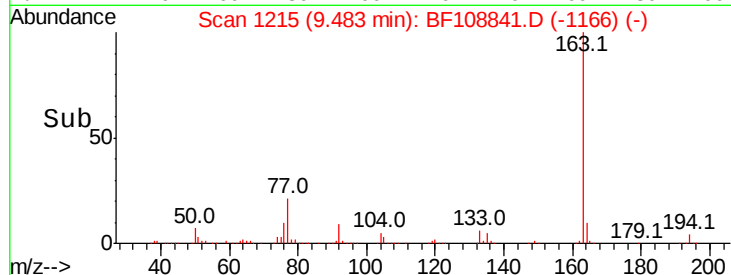
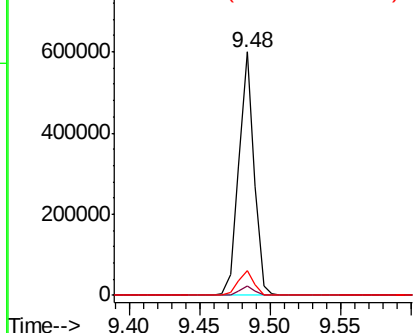
#49  
Dimethylphthalate  
Concen: 18.751 ng  
RT: 9.48 min Scan# 1215  
Delta R.T. -0.01 min  
Lab File: BF108841.D  
Acq: 6 Sep 2018 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
EP1-Q2-J5

Tot Ion:163 Resp: 453281  
Ion Ratio Lower Upper  
163 100  
194 4.0 2.7 4.1  
164 10.2 8.2 12.2

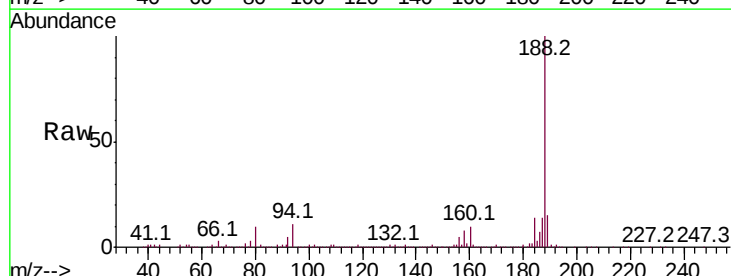


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

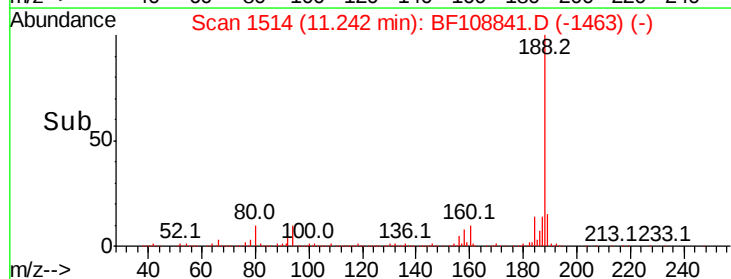
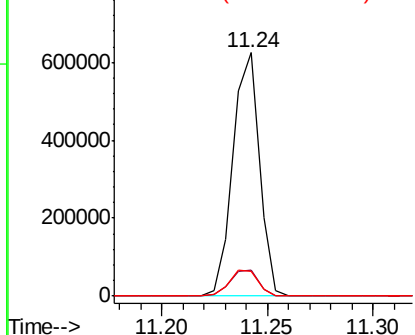


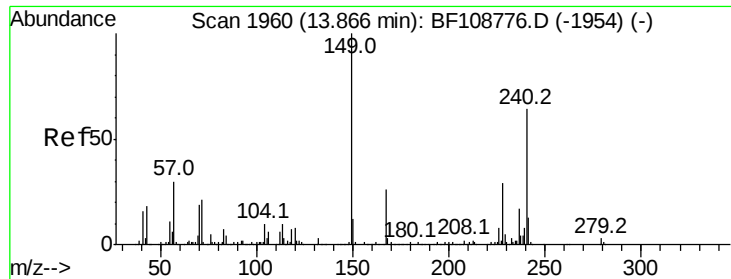
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.24 min Scan# 1514  
Delta R.T. -0.00 min  
Lab File: BF108841.D  
Acq: 6 Sep 2018 23:25

Tgt Ion:188 Resp: 541866  
Ion Ratio Lower Upper  
188 100  
94 10.6 8.5 12.7  
80 10.4 9.2 13.8



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

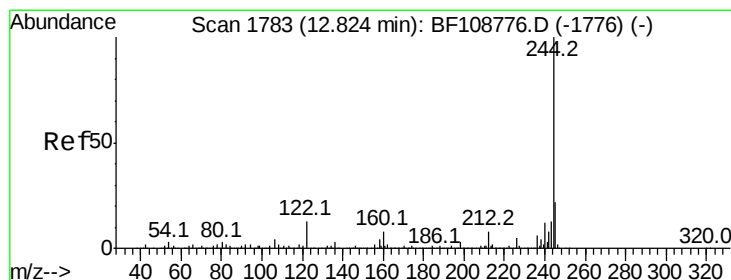
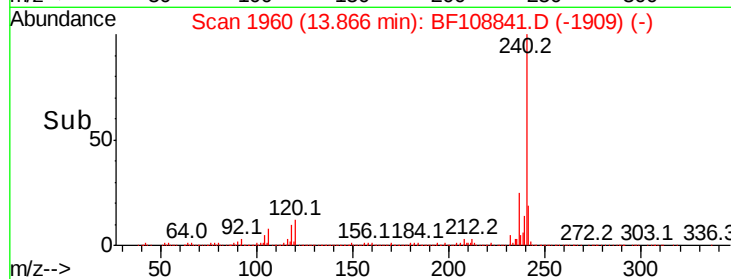
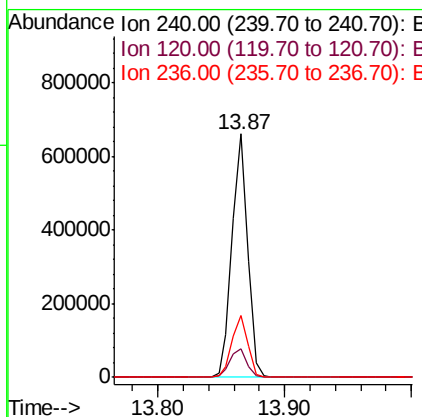
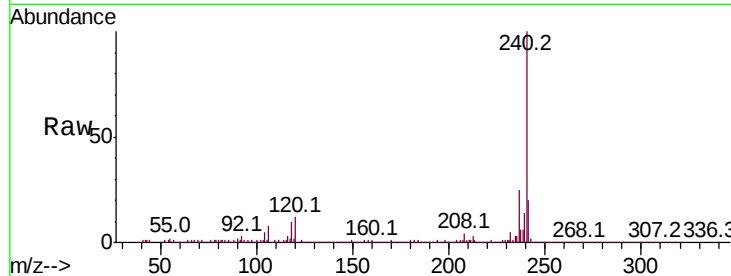




#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.87 min Scan# 1960  
Delta R.T. -0.00 min  
Lab File: BF108841.D  
Acq: 6 Sep 2018 23:25

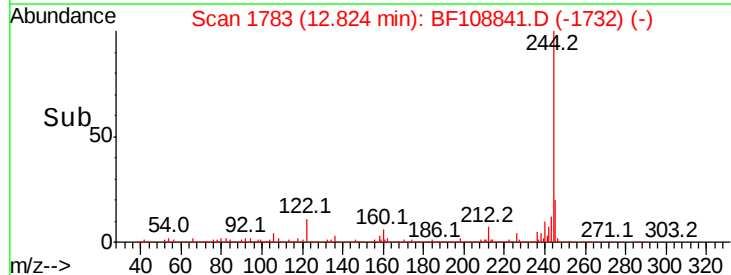
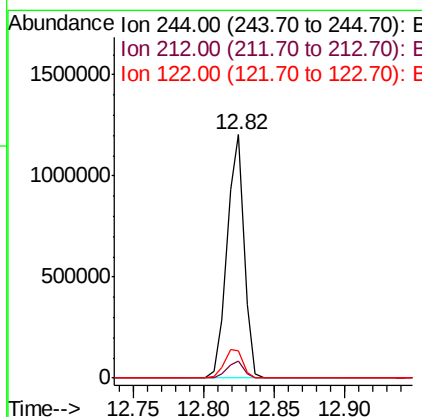
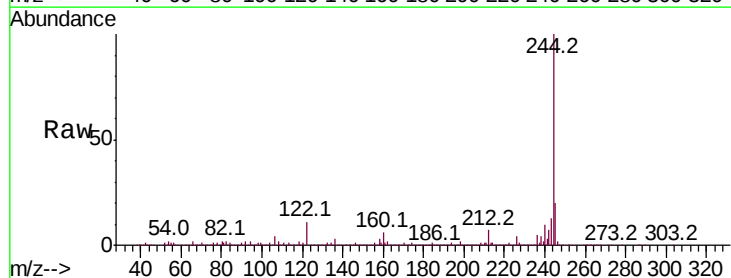
Instrument :  
BNA\_F  
ClientSampleId :  
EP1-Q2-J5

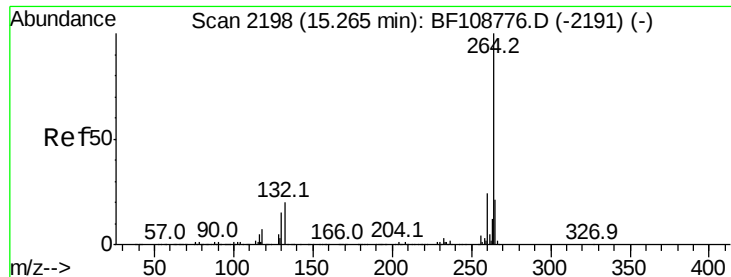
Tot Ion:240 Resp: 557359  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.5 14.3  
236 25.5 20.7 31.1



#78  
Terphenyl-d14  
Concen: 42.083 ng  
RT: 12.82 min Scan# 1783  
Delta R.T. 0.00 min  
Lab File: BF108841.D  
Acq: 6 Sep 2018 23:25

Tgt Ion:244 Resp: 1005844  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.4 8.0  
122 11.1 11.0 16.4





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2199  
Delta R.T. 0.01 min  
Lab File: BF108841.D  
Acq: 6 Sep 2018 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
EP1-Q2-J5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 19.2  | 28.8  |
| 265     | 21.9  | 17.5  | 26.3  |

