

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\  
 Data File : BF110368.D  
 Acq On : 1 Nov 2018 15:01  
 Operator : JU/SJ  
 Sample : J5741-47  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12

Quant Time: Nov 01 16:23:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 01 16:06:12 2018  
 Response via : Initial Calibration

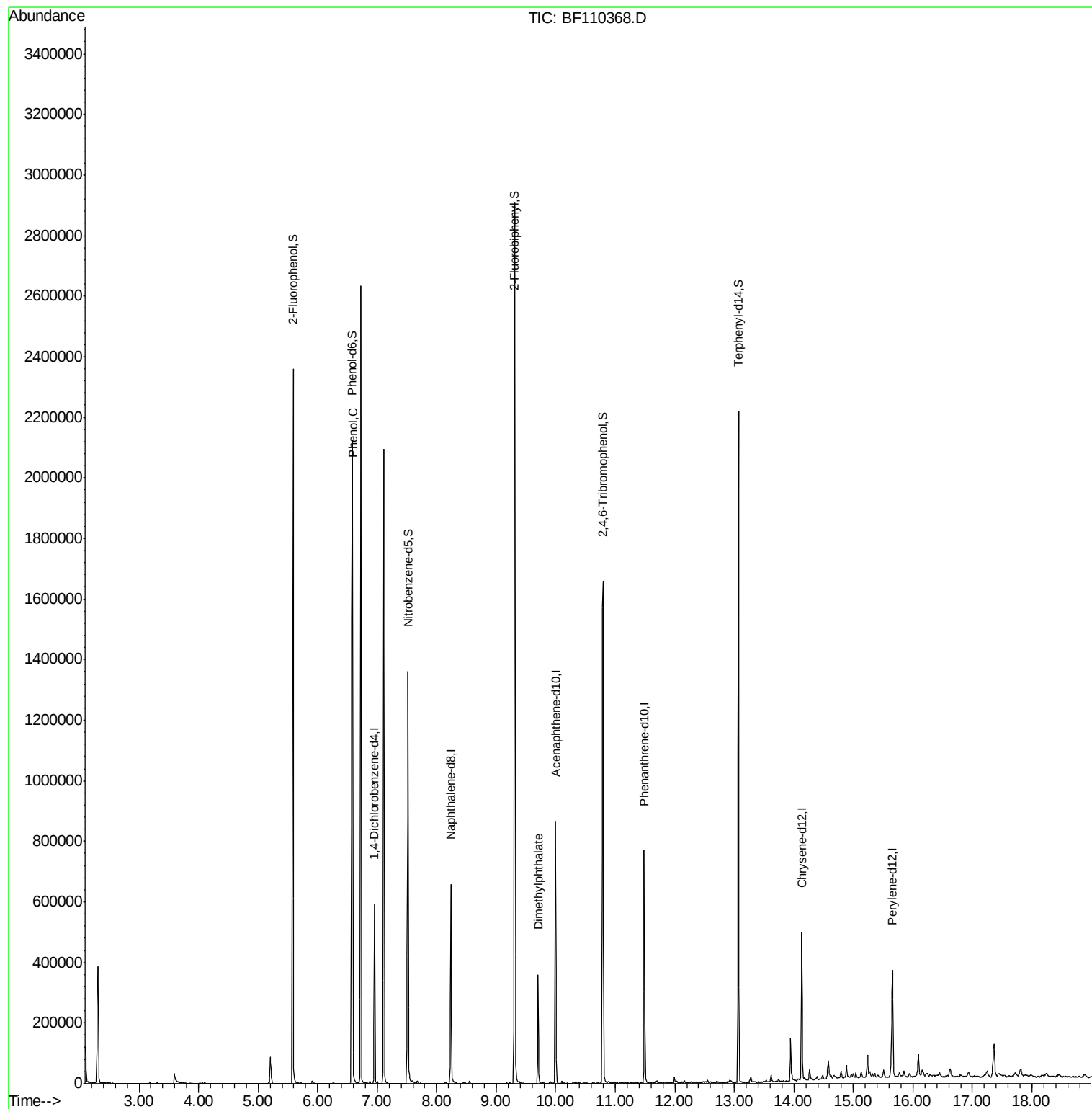
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.95  | 152  | 87831    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.24  | 136  | 361293   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 10.00 | 164  | 171939   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.49 | 188  | 307672   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 14.13 | 240  | 157026   | 20.00  | ng    | 0.00        |
| 87) Perylene-d12            | 15.66 | 264  | 165983   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.59  | 112  | 662521   | 122.84 | ng    | 0.01        |
| 7) Phenol-d6                | 6.58  | 99   | 860340   | 124.71 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 541025   | 88.82  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 10.79 | 330  | 210410   | 123.54 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.31  | 172  | 1018710  | 93.04  | ng    | 0.00        |
| 79) Terphenyl-d14           | 13.07 | 244  | 769386   | 101.90 | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.59  | 94   | 52569    | 7.129  | ng    | Qvalue # 68 |
| 50) Dimethylphthalate       | 9.70  | 163  | 157821   | 12.435 | ng    | 99          |

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

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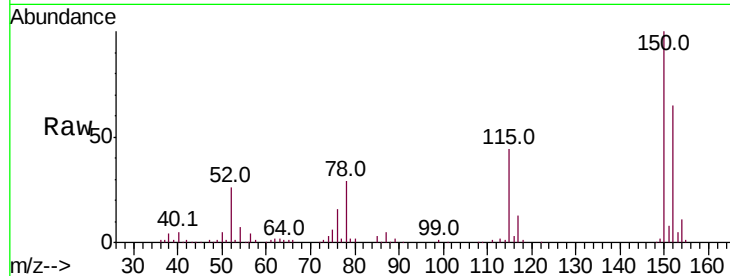


#1

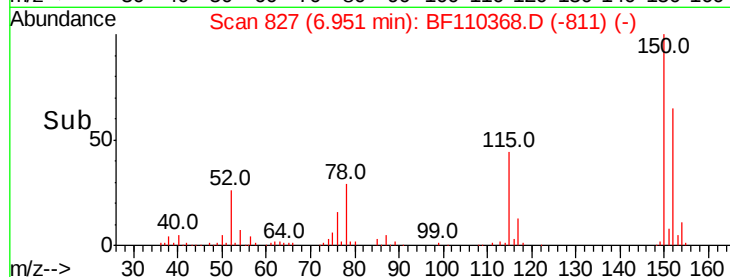
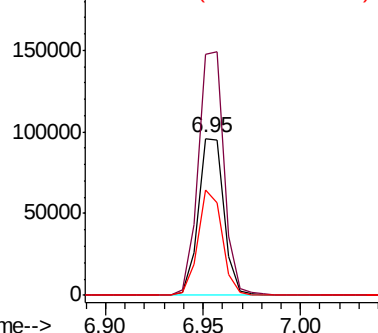
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BF110368.D  
Acq: 1 Nov 2018 15:01

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12

Tot Ion:152 Resp: 87831  
Ion Ratio Lower Upper  
152 100  
150 153.6 122.7 184.1  
115 67.2 49.1 73.7



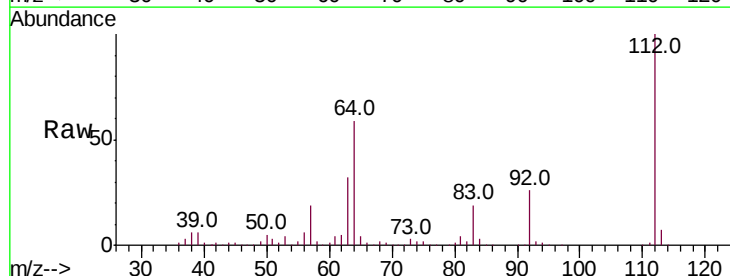
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



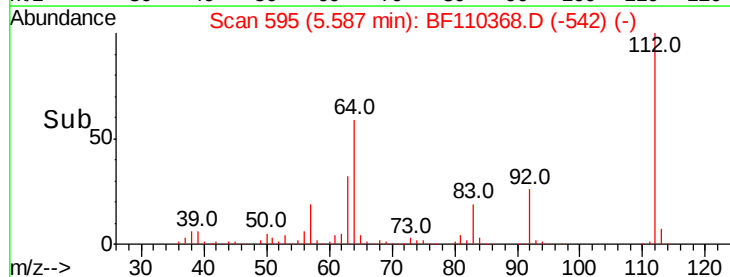
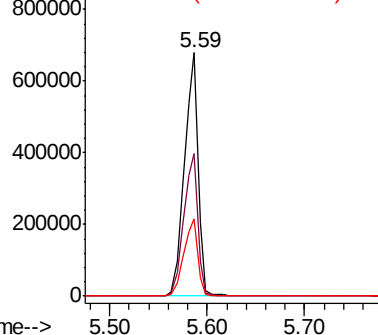
#5

2-Fluorophenol  
Concen: 122.836 ng  
RT: 5.59 min Scan# 595  
Delta R.T. 0.01 min  
Lab File: BF110368.D  
Acq: 1 Nov 2018 15:01

Tgt Ion:112 Resp: 662521  
Ion Ratio Lower Upper  
112 100  
64 58.8 44.1 66.1  
63 31.5 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: 124.710 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

Instrument :

BNA\_F

ClientSampleId :

TP-12

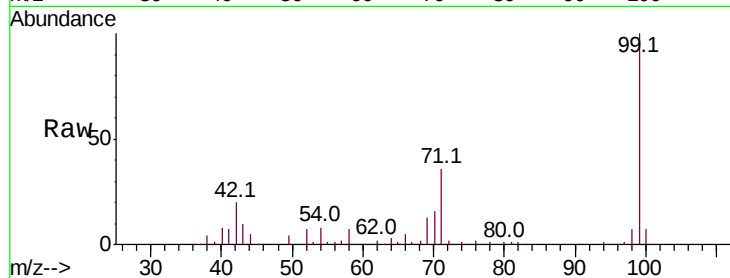
Tot Ion: 99 Resp: 860340

Ion Ratio Lower Upper

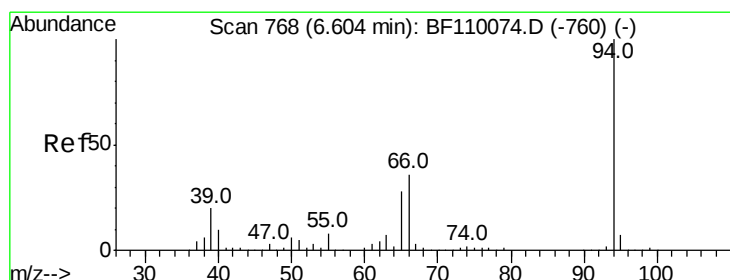
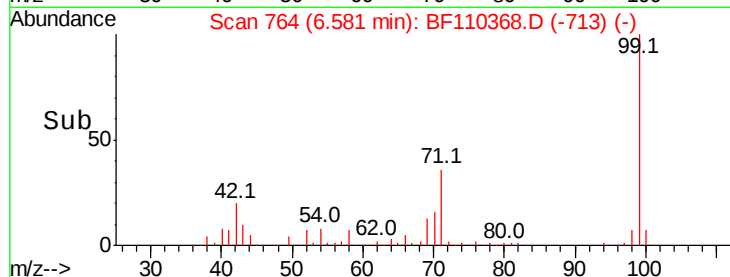
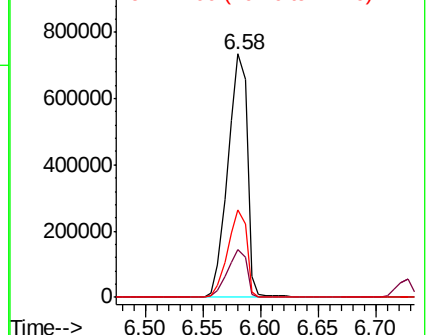
99 100

42 19.6 15.8 23.6

71 35.7 28.0 42.0



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



#10

Phenol

Concen: 7.129 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

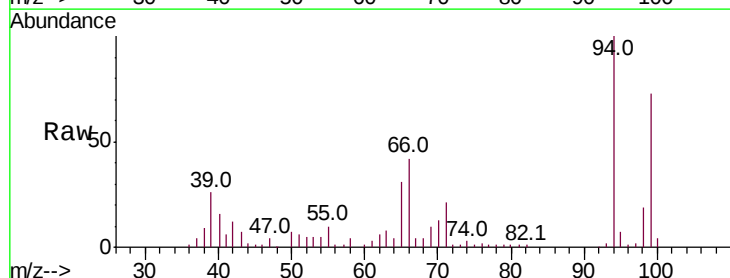
Tgt Ion: 94 Resp: 52569

Ion Ratio Lower Upper

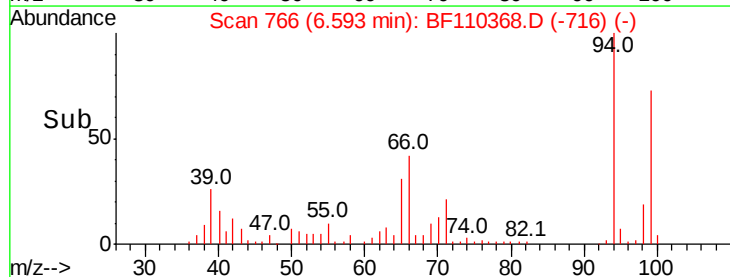
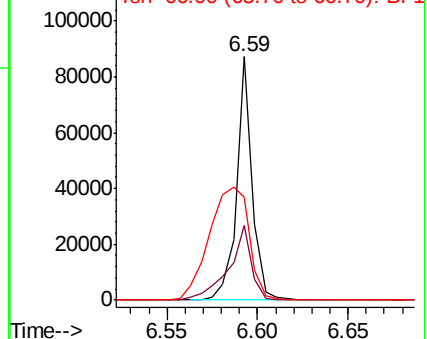
94 100

65 30.7 25.3 65.3

66 42.4 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1

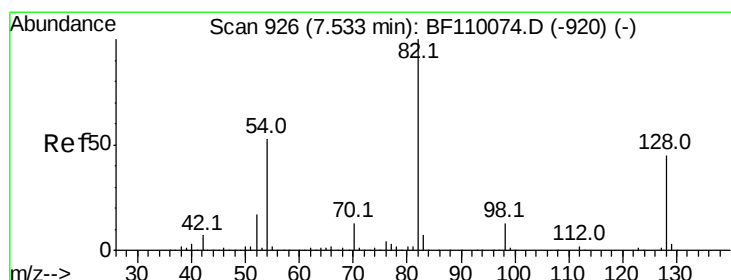
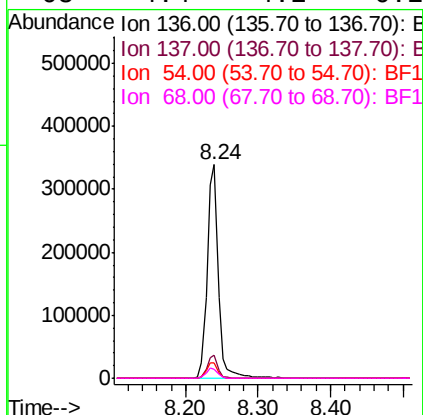
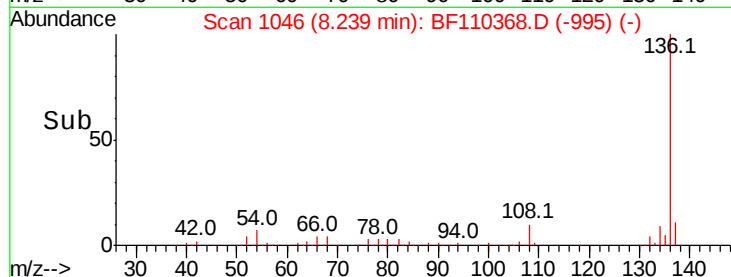
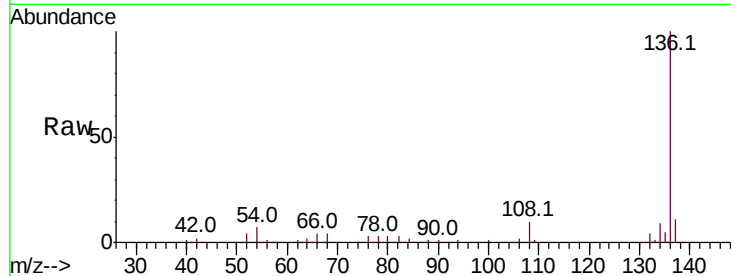




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BF110368.D  
Acq: 1 Nov 2018 15:01

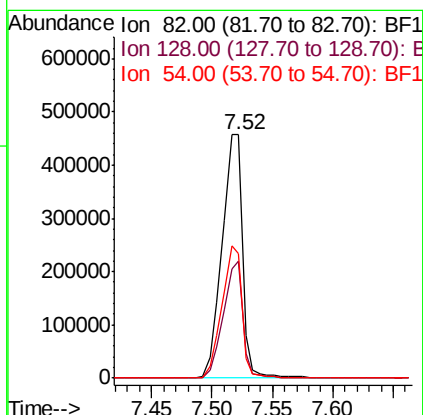
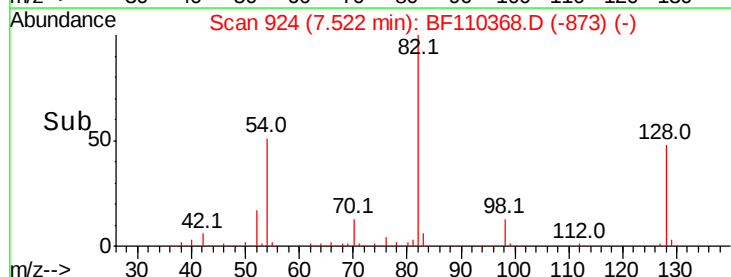
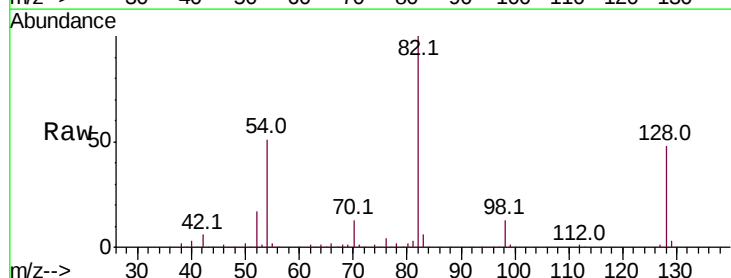
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 361293 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.8   | 13.2   |
| 54       | 7.4   | 5.4   | 8.2    |
| 68       | 4.4   | 4.2   | 6.2    |



#23  
Nitrobenzene-d5  
Concen: 88.820 ng  
RT: 7.52 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: BF110368.D  
Acq: 1 Nov 2018 15:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 541025 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 48.2  | 34.2  | 51.2   |
| 54       | 51.2  | 38.6  | 58.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

Instrument :

BNA\_F

ClientSampled :

TP-12

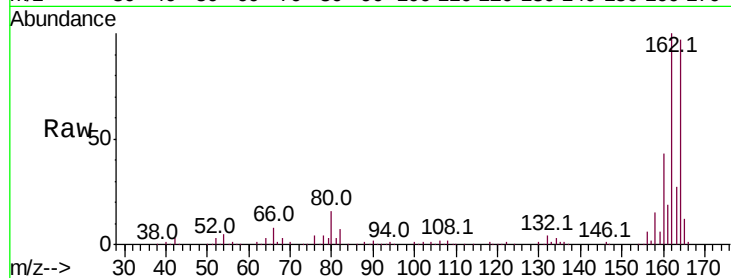
Tot Ion:164 Resp: 171939

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.6

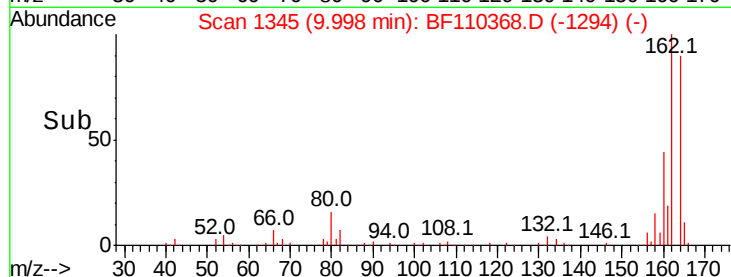
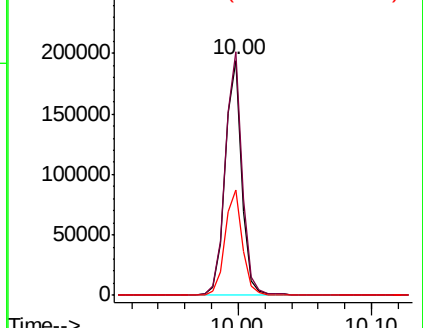
160 44.9 37.0 55.6



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: 123.540 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

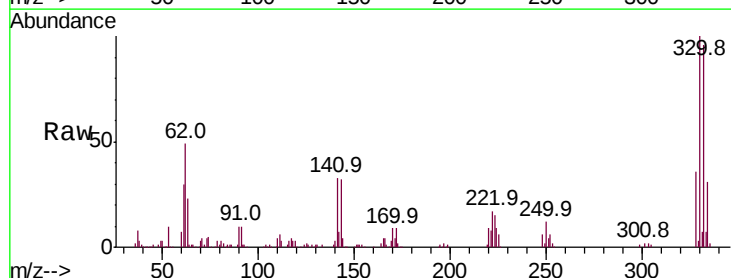
Tgt Ion:330 Resp: 210410

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

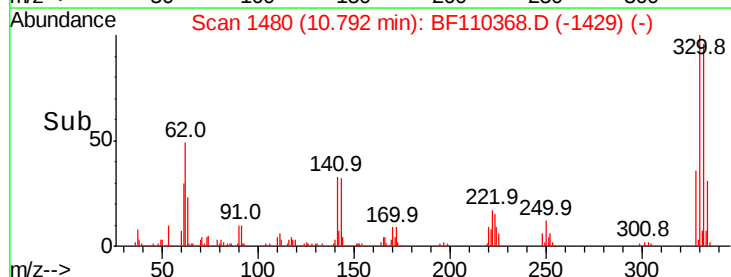
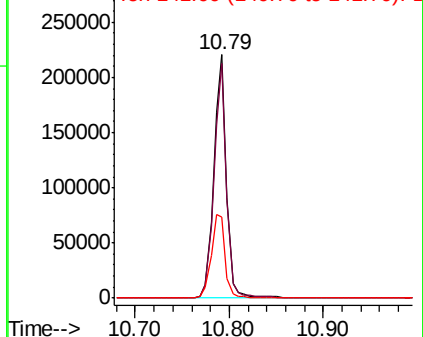
141 37.7 27.0 40.4



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



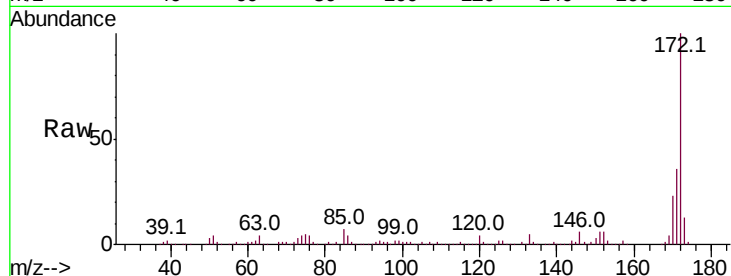


#45  
 2-Fluorobiphenyl  
 Concen: 93.035 ng  
 RT: 9.31 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: BF110368.D  
 Acq: 1 Nov 2018 15:01

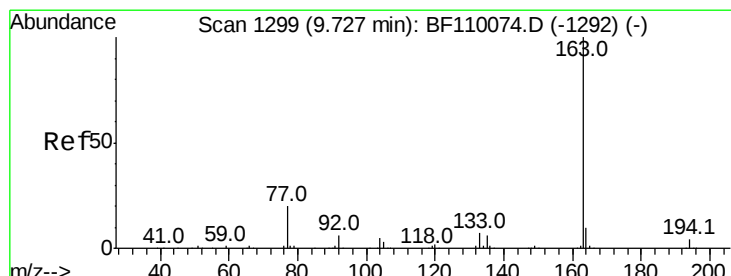
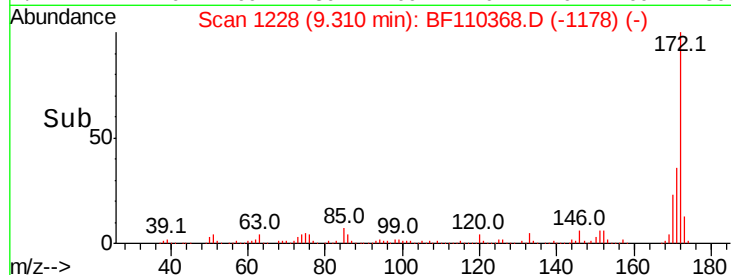
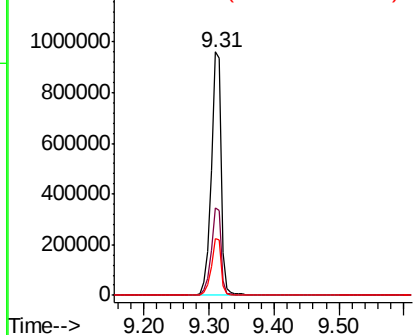
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12

Tot Ion:172 Resp: 1018710  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.0  | 28.6  | 43.0  |
| 170 | 23.3  | 19.7  | 29.5  |



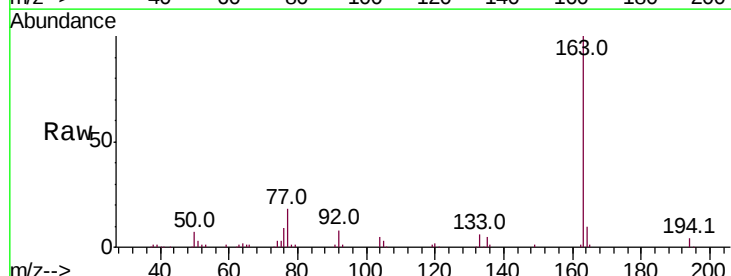
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



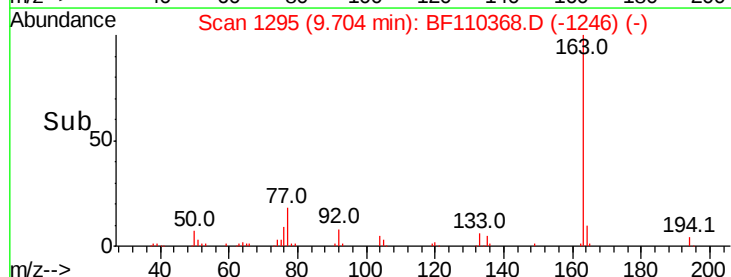
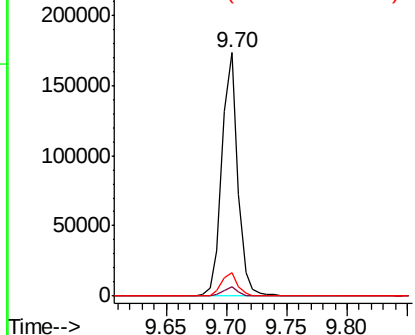
#50  
 Dimethylphthalate  
 Concen: 12.435 ng  
 RT: 9.70 min Scan# 1295  
 Delta R.T. -0.01 min  
 Lab File: BF110368.D  
 Acq: 1 Nov 2018 15:01

Tgt Ion:163 Resp: 157821  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.6   | 3.2   | 4.8   |
| 164 | 9.5   | 8.1   | 12.1  |



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

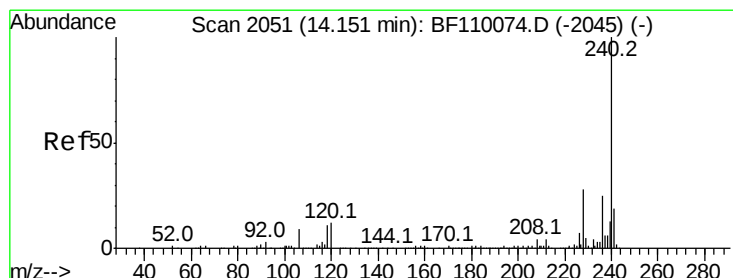
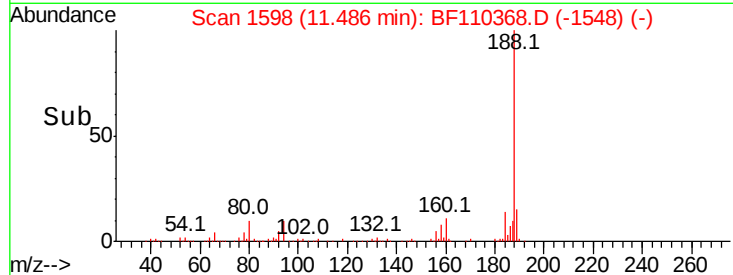
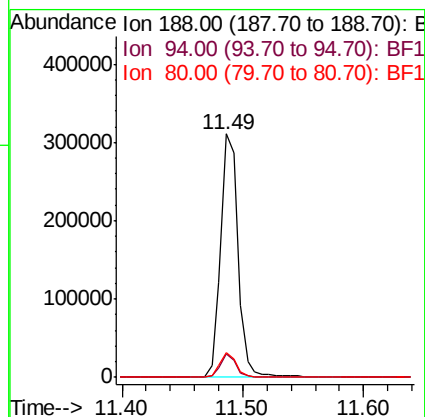
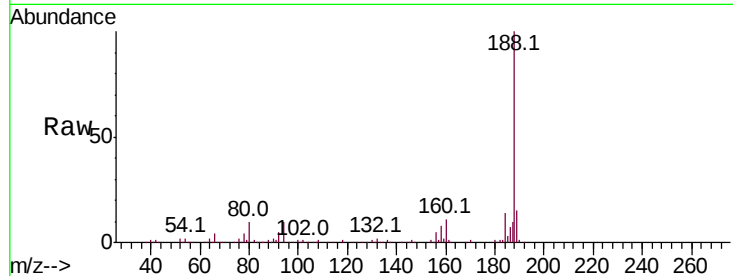




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.49 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: BF110368.D  
Acq: 1 Nov 2018 15:01

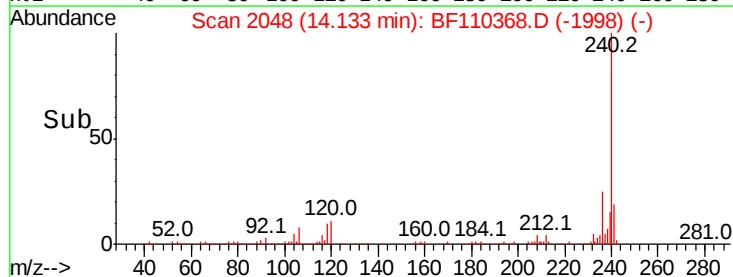
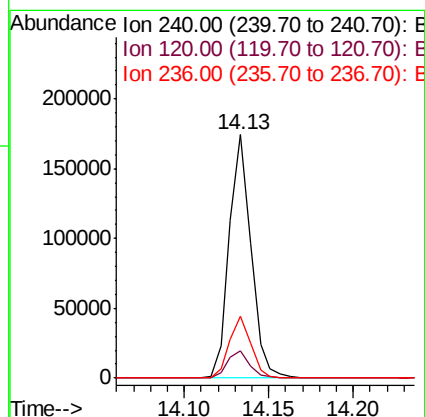
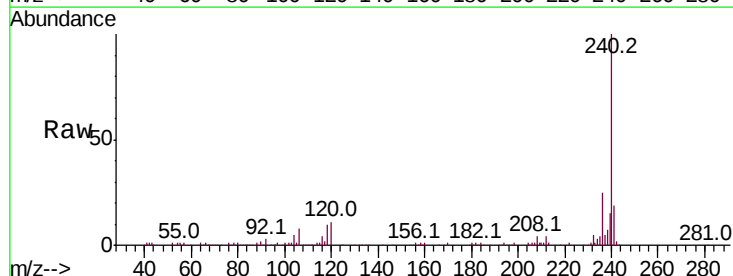
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12

Tot Ion:188 Resp: 307672  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.2 10.8  
80 10.2 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.13 min Scan# 2048  
Delta R.T. -0.01 min  
Lab File: BF110368.D  
Acq: 1 Nov 2018 15:01

Tgt Ion:240 Resp: 157026  
Ion Ratio Lower Upper  
240 100  
120 11.2 8.3 12.5  
236 25.4 21.2 31.8





#79

Terphenyl-d14

Concen: 101.900 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

Instrument :

BNA\_F

ClientSampled :

TP-12

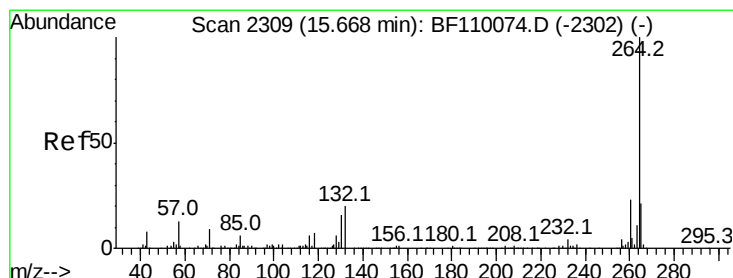
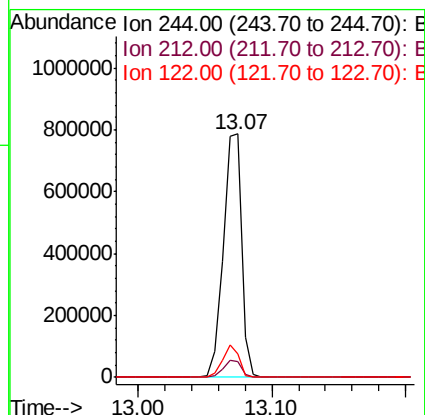
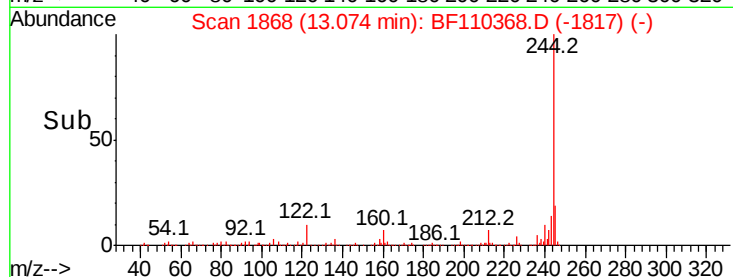
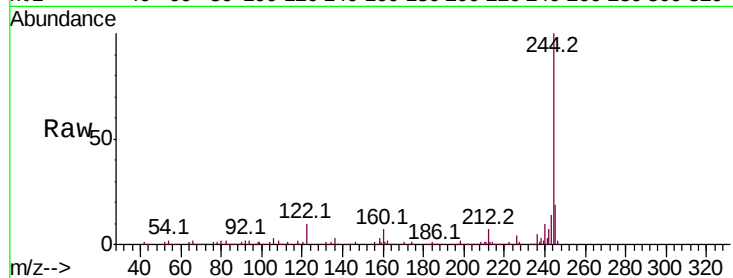
Tot Ion:244 Resp: 769386

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 9.7 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

Tgt Ion:264 Resp: 165983

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 20.3 16.7 25.1

