

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\  
 Data File : BF115123.D  
 Acq On : 22 Jun 2019 16:23  
 Operator : HP/JU  
 Sample : K3447-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SIDEWALL-3

Quant Time: Jun 24 05:25:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 24 04:21:29 2019  
 Response via : Initial Calibration

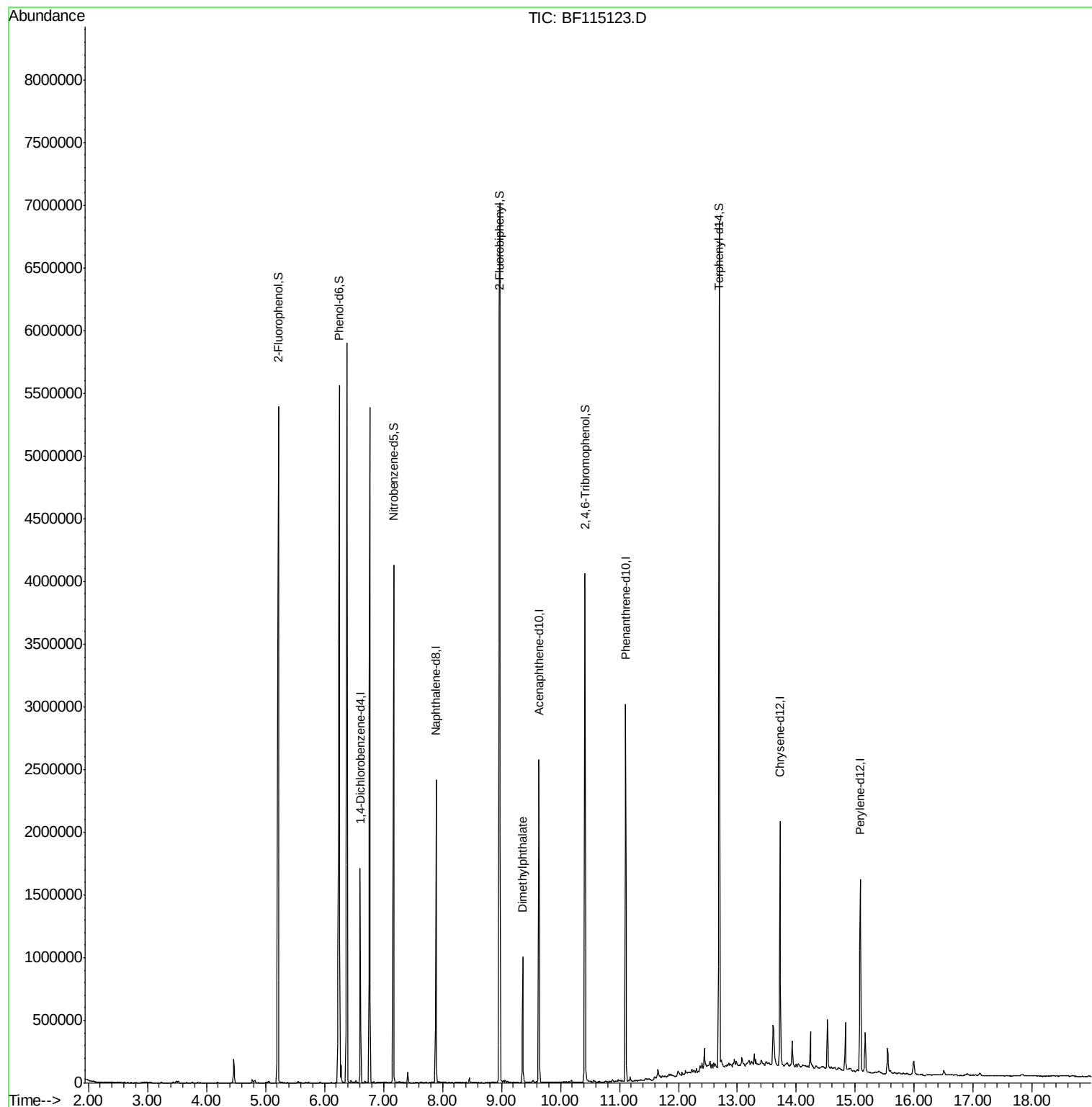
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.61  | 152  | 273798   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.89  | 136  | 1036548  | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 9.64  | 164  | 512582   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.11 | 188  | 1000886  | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 13.72 | 240  | 645691   | 20.00  | ng    | -0.02     |
| 87) Perylene-d12            | 15.08 | 264  | 611424   | 20.00  | ng    | -0.03     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.22  | 112  | 1918707  | 108.14 | ng    | 0.01      |
| 7) Phenol-d6                | 6.25  | 99   | 2389090  | 110.94 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.17  | 82   | 1442759  | 85.62  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.42 | 330  | 549977   | 101.75 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 8.97  | 172  | 2433790  | 80.65  | ng    | -0.01     |
| 79) Terphenyl-d14           | 12.69 | 244  | 2548886  | 83.93  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.36  | 163  | 363425   | 9.637  | ng    | Qvalue 99 |

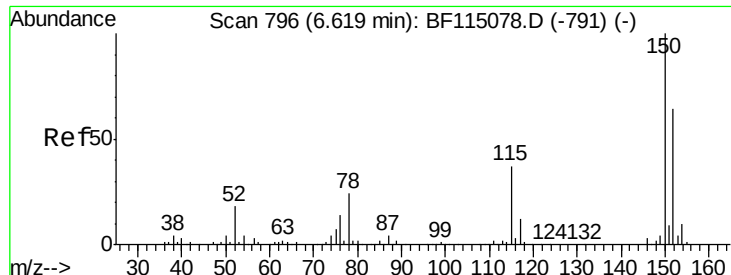
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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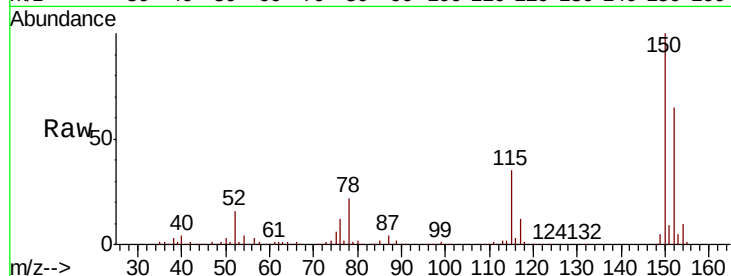


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.61 min Scan# 795  
Delta R.T. -0.01 min  
Lab File: BF115123.D  
Acq: 22 Jun 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SIDEWALL-3

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.4 | 124.2 | 186.2 |
| 115     | 54.8  | 46.1  | 69.1  |

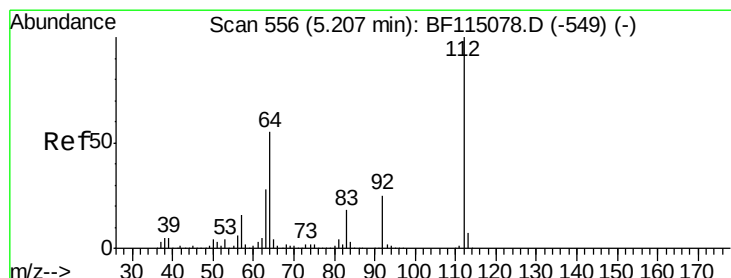
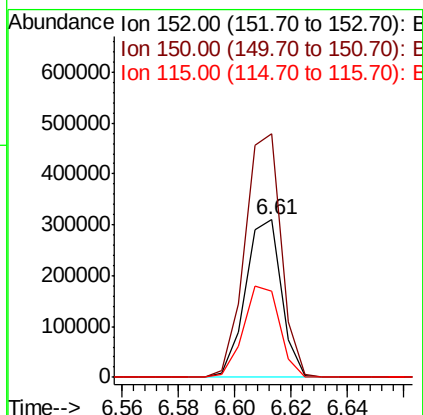
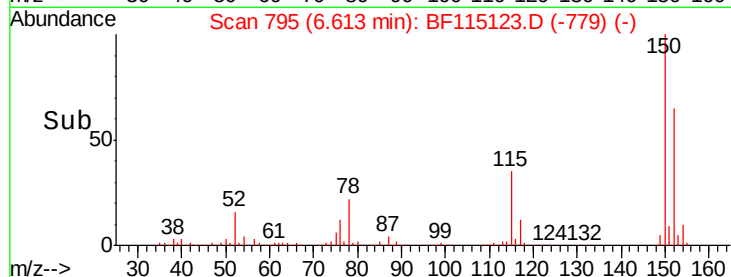


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

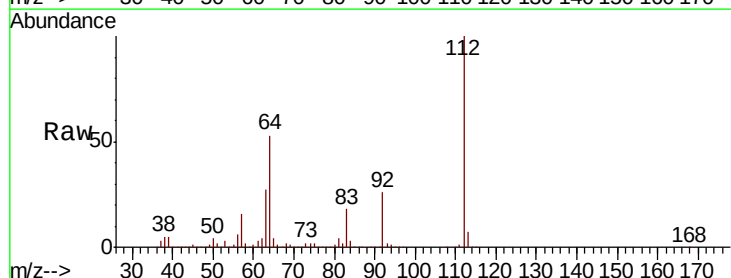
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 108.141 ng  
RT: 5.22 min Scan# 558  
Delta R.T. 0.01 min  
Lab File: BF115123.D  
Acq: 22 Jun 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 52.6  | 43.8  | 65.6  |
| 63      | 26.9  | 22.2  | 33.4  |

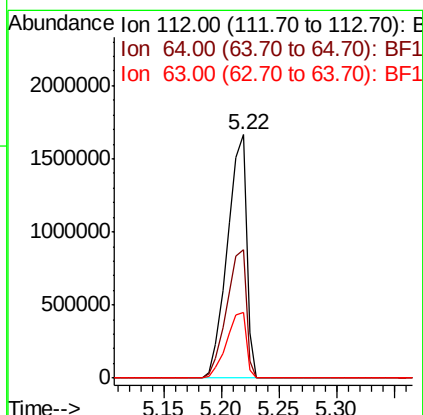
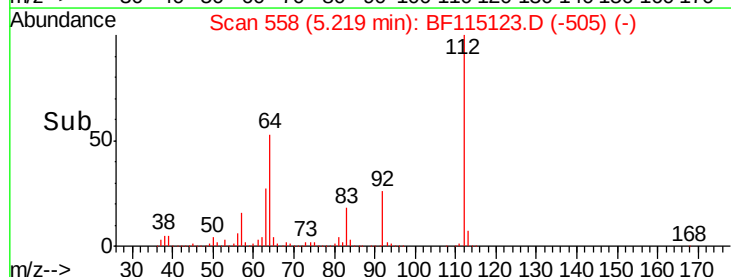


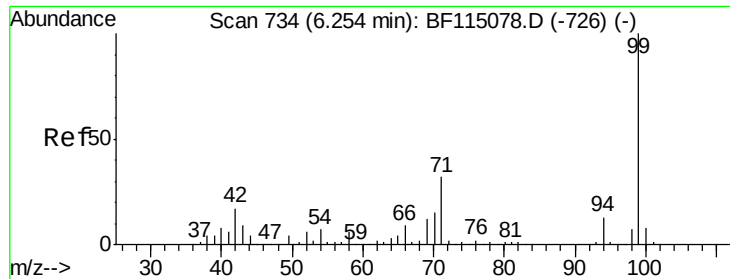
Abundance

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: 110.939 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SIDEWALL-3

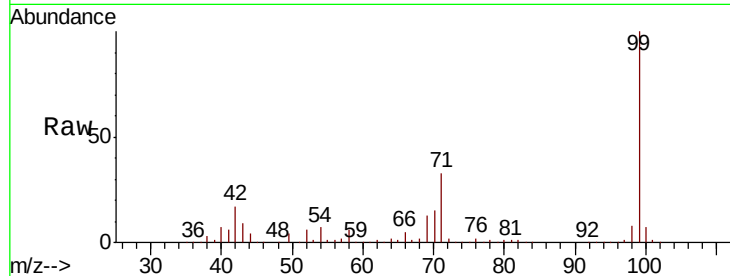
Tot Ion: 99 Resp: 2389090

Ion Ratio Lower Upper

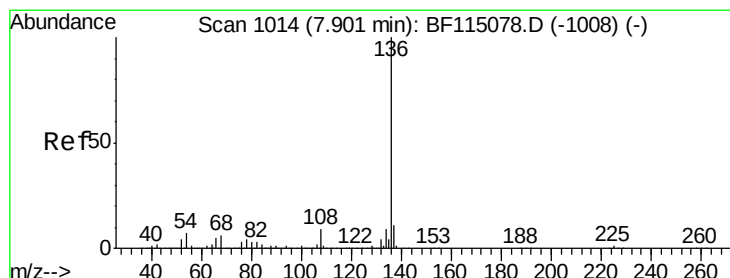
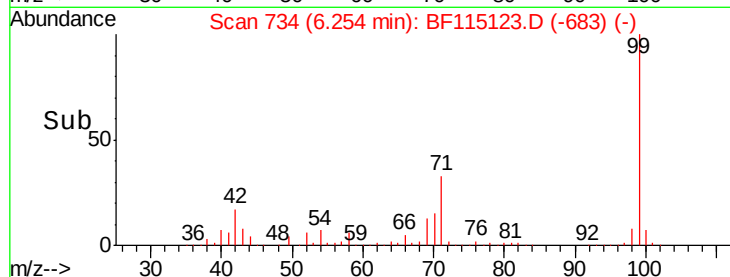
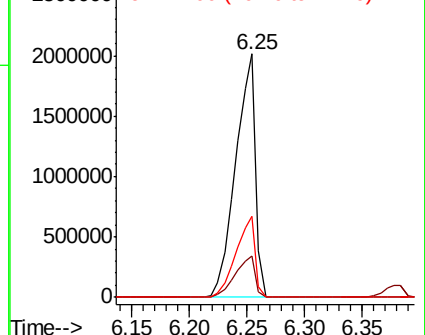
99 100

42 17.0 13.6 20.4

71 33.2 25.5 38.3



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: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

Tgt Ion:136 Resp: 1036548

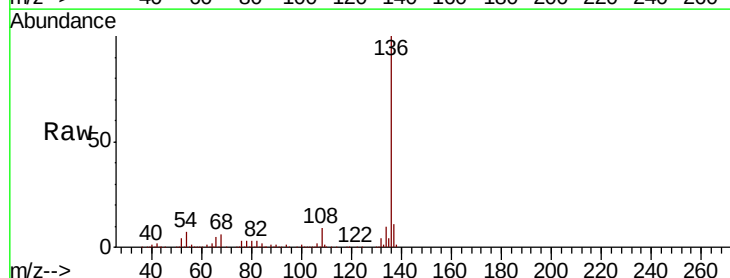
Ion Ratio Lower Upper

136 100

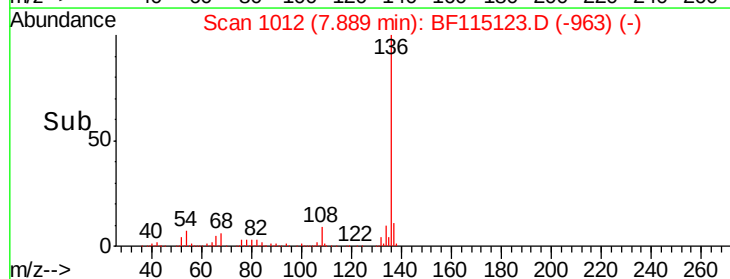
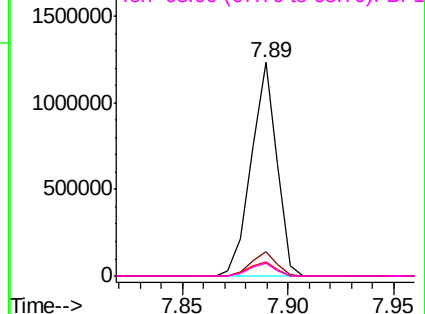
137 11.5 8.9 13.3

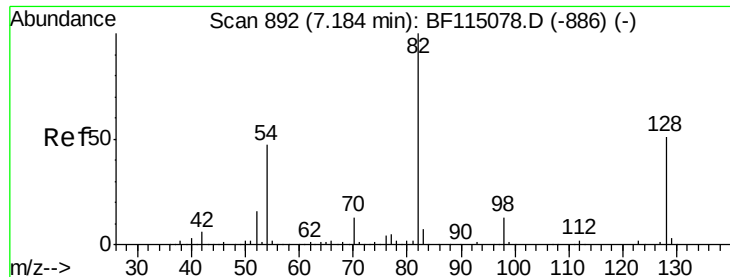
54 6.8 5.6 8.4

68 5.9 4.8 7.2



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

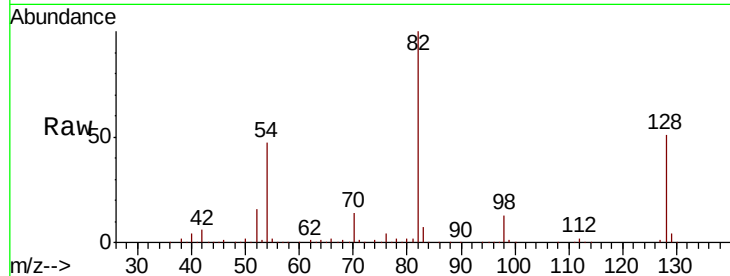




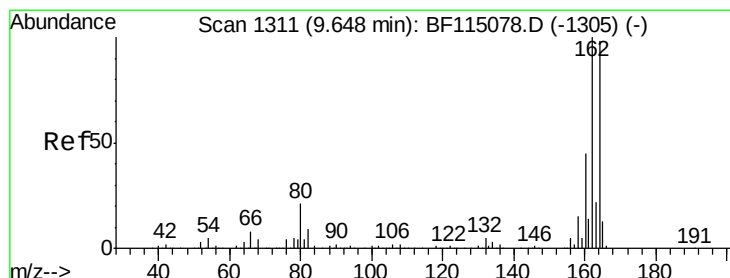
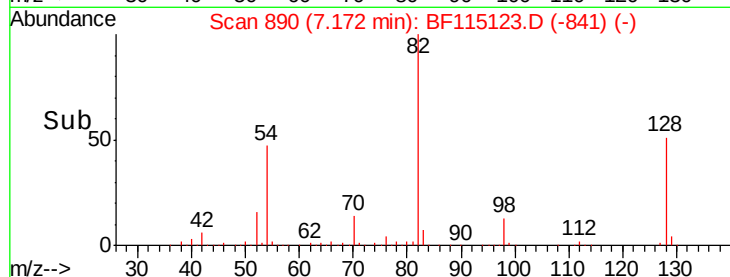
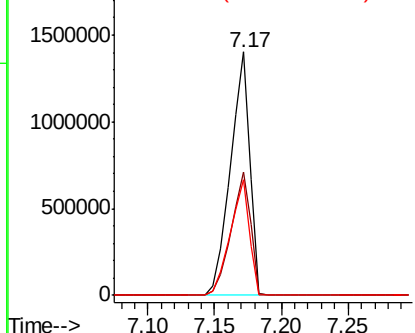
#23  
Nitrobenzene-d5  
Concen: 85.623 ng  
RT: 7.17 min Scan# 890  
Delta R.T. -0.01 min  
Lab File: BF115123.D  
Acq: 22 Jun 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SIDEWALL-3

Tot Ion: 82 Resp: 1442759  
Ion Ratio Lower Upper  
82 100  
128 50.8 40.4 60.6  
54 47.3 37.5 56.3

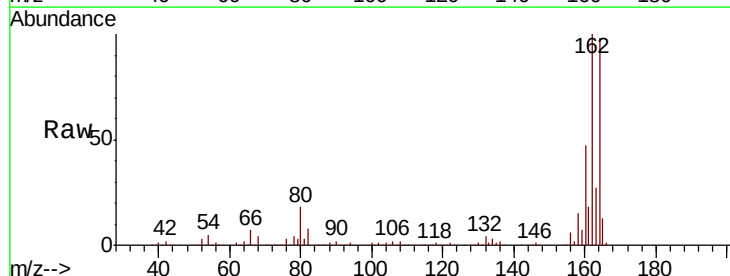


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1

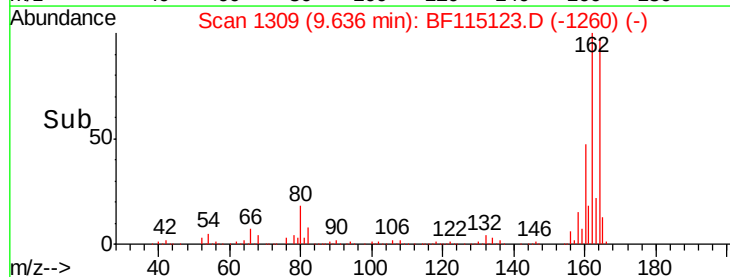
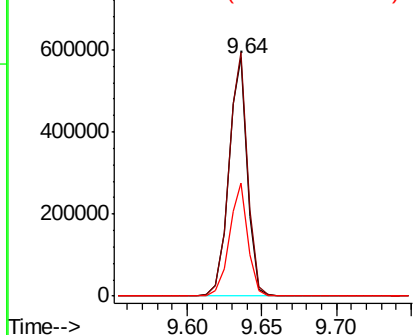


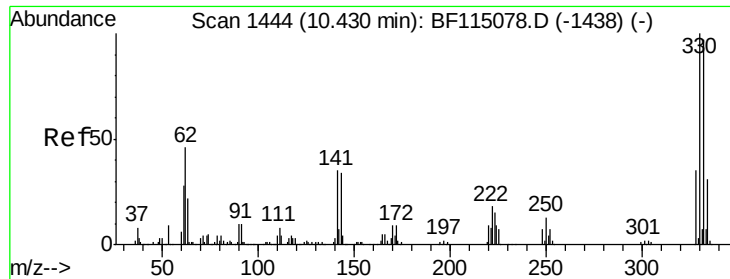
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.64 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BF115123.D  
Acq: 22 Jun 2019 16:23

Tgt Ion:164 Resp: 512582  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.7 122.5  
160 47.6 37.0 55.4



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

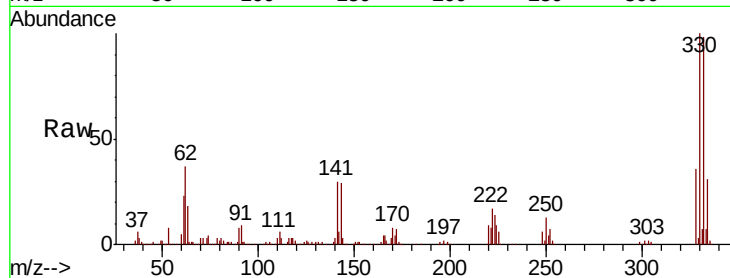




#42  
 2,4,6-Tribromophenol  
 Concen: 101.747 ng  
 RT: 10.42 min Scan# 1442  
 Delta R.T. -0.01 min  
 Lab File: BF115123.D  
 Acq: 22 Jun 2019 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SIDEWALL-3

| Tot Ion   | 330  | Resp  | 549977 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 330       | 100  |       |        |
| 332       | 96.8 | 77.3  | 115.9  |
| 141       | 33.5 | 28.2  | 42.2   |

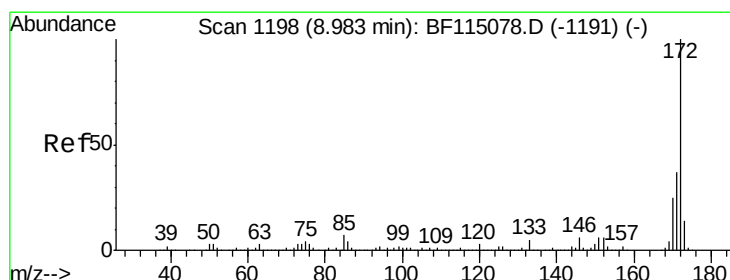
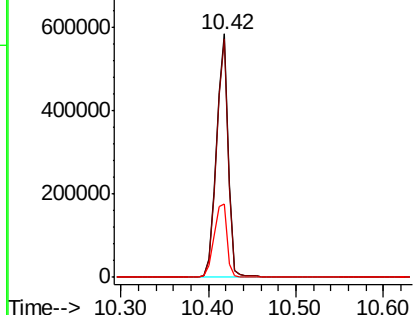
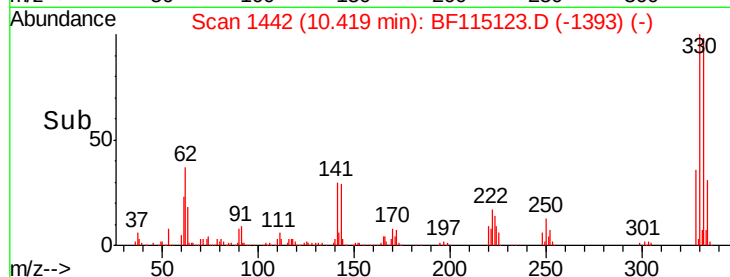


Abundance

Ion 329.80 (329.50 to 330.50): E

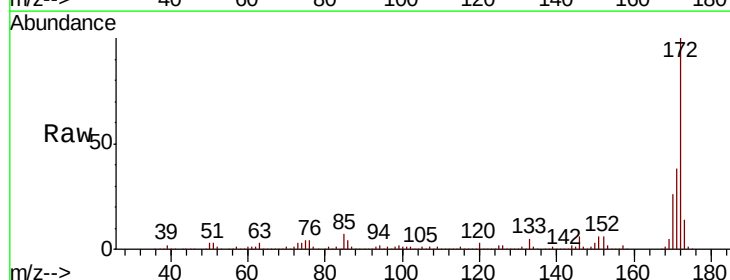
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 80.652 ng  
 RT: 8.97 min Scan# 1196  
 Delta R.T. -0.01 min  
 Lab File: BF115123.D  
 Acq: 22 Jun 2019 16:23

| Tgt Ion   | 172  | Resp  | 2433790 |
|-----------|------|-------|---------|
| Ion Ratio | 100  | Lower | Upper   |
| 172       | 100  |       |         |
| 171       | 37.8 | 29.8  | 44.6    |
| 170       | 25.7 | 20.3  | 30.5    |

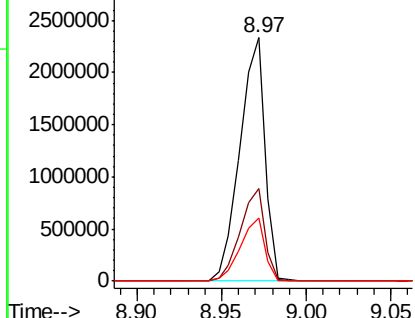
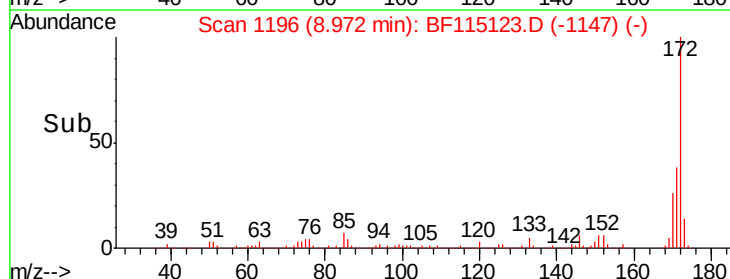


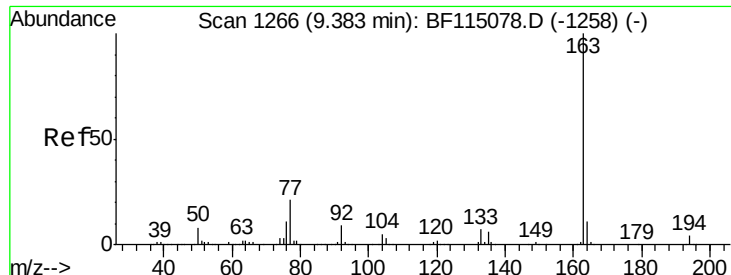
Abundance

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: 9.637 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SIDEWALL-3

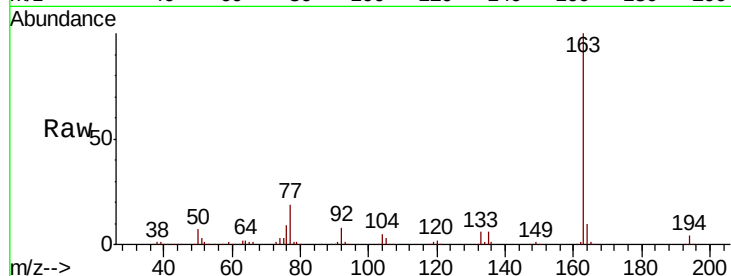
Tot Ion:163 Resp: 363425

Ion Ratio Lower Upper

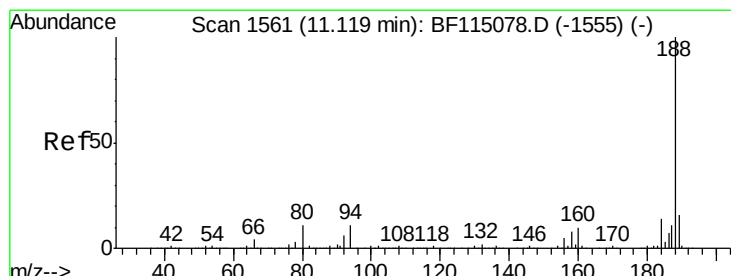
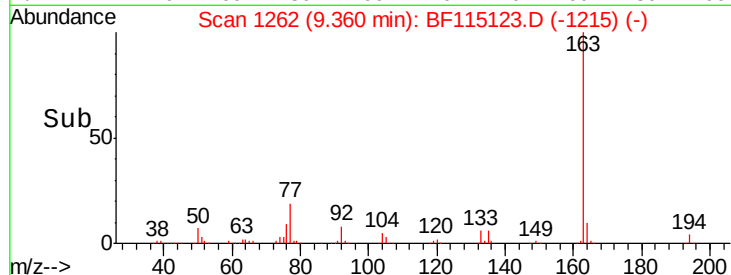
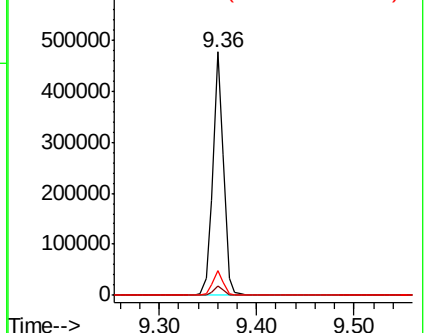
163 100

194 3.8 3.2 4.8

164 10.1 8.6 13.0



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: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

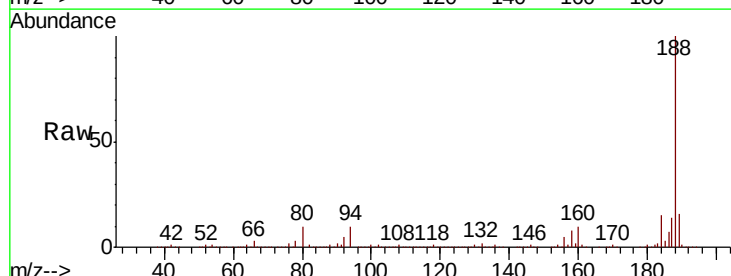
Tgt Ion:188 Resp: 1000886

Ion Ratio Lower Upper

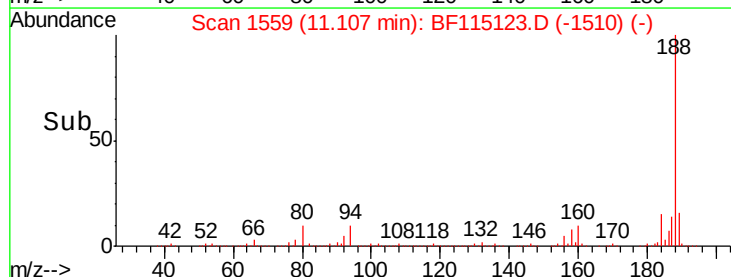
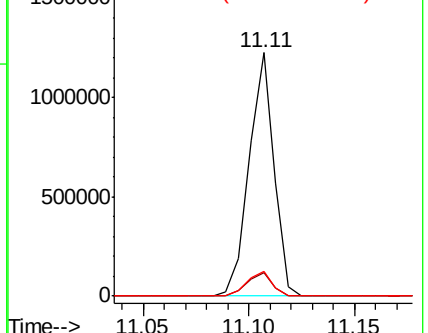
188 100

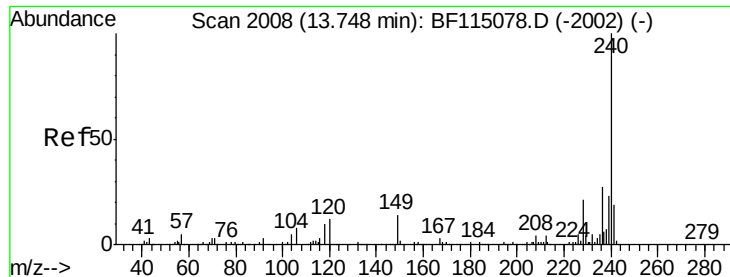
94 9.8 8.6 12.8

80 10.0 8.8 13.2



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: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SIDEWALL-3

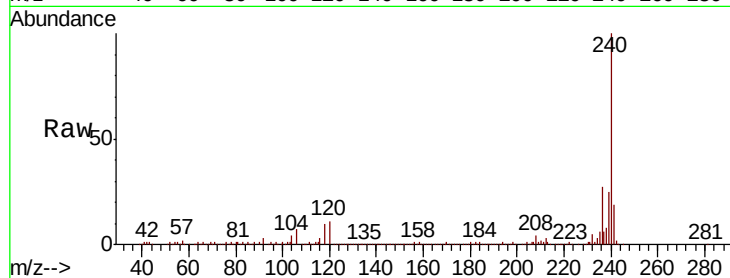
Tot Ion:240 Resp: 645691

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

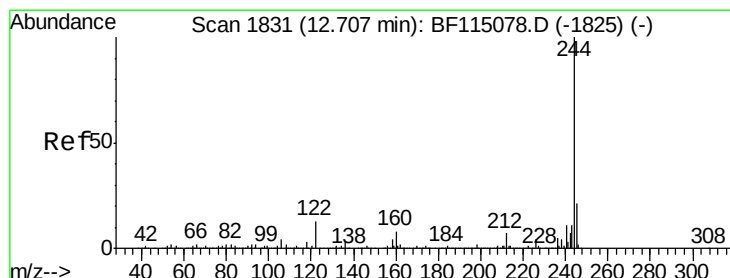
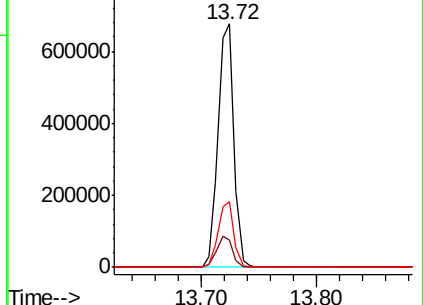
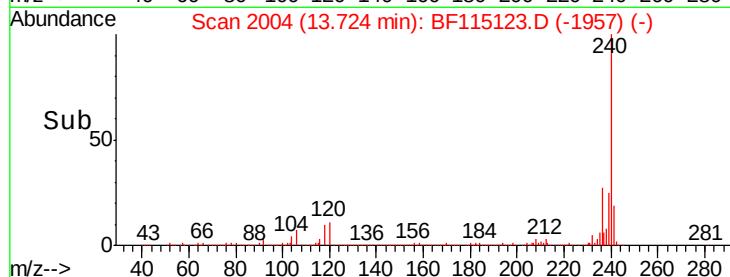
236 27.0 21.7 32.5



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



#79

Terphenyl-d14

Concen: 83.931 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

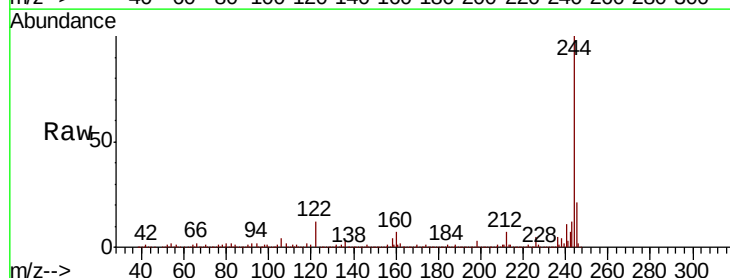
Tgt Ion:244 Resp: 2548886

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

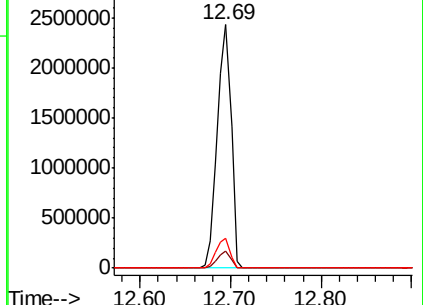
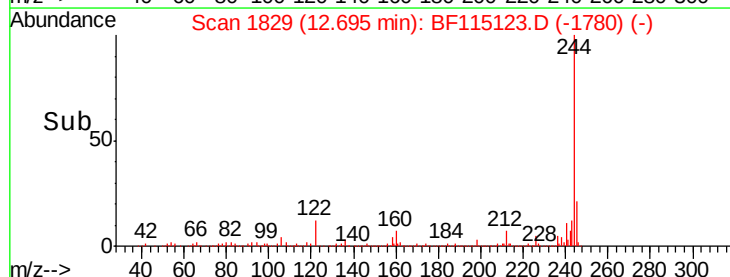
122 12.2 10.4 15.6



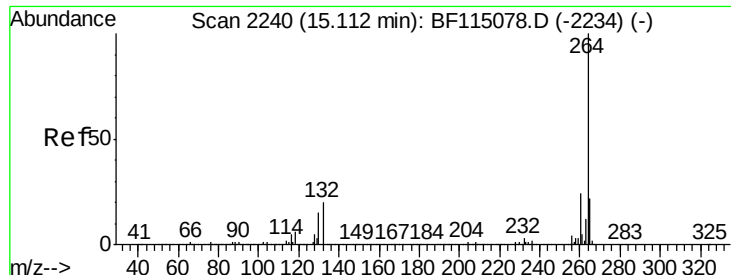
Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.08 min Scan# 2235  
 Delta R.T. -0.03 min  
 Lab File: BF115123.D  
 Acq: 22 Jun 2019 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SIDEWALL-3

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 19.6  | 29.4  |
| 265     | 22.0  | 17.3  | 25.9  |

