

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\  
 Data File : BF114338.D  
 Acq On : 17 May 2019 5:00  
 Operator : JU/SJ  
 Sample : K2867-03  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-B

Quant Time: May 17 08:15:51 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

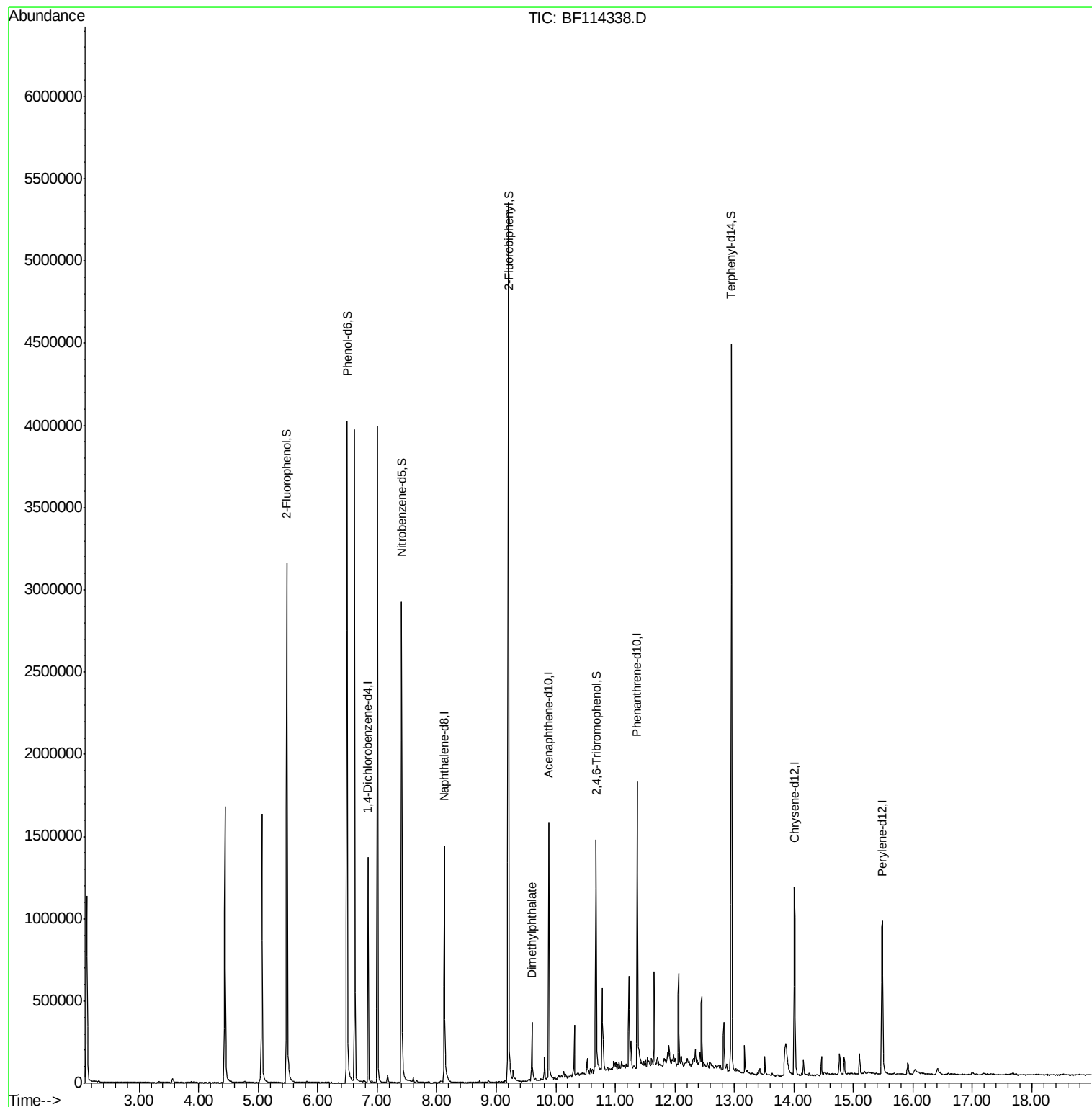
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 195786   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.13  | 136  | 748032   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.88  | 164  | 345767   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.37 | 188  | 652454   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 14.01 | 240  | 411592   | 20.00 | ng    | -0.01     |
| 87) Perylene-d12            | 15.49 | 264  | 461050   | 20.00 | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.48  | 112  | 900264   | 74.00 | ng    | 0.00      |
| 7) Phenol-d6                | 6.49  | 99   | 1395868  | 97.01 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 953630   | 71.54 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 191959   | 53.70 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 1720799  | 75.28 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.95 | 244  | 1485400  | 74.40 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.60  | 163  | 166043   | 6.542 | ng    | Qvalue 98 |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\  
Data File : BF114338.D  
Acq On : 17 May 2019 5:00  
Operator : JU/SJ  
Sample : K2867-03  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-B

Quant Time: May 17 08:15:51 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 10 15:56:46 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-B

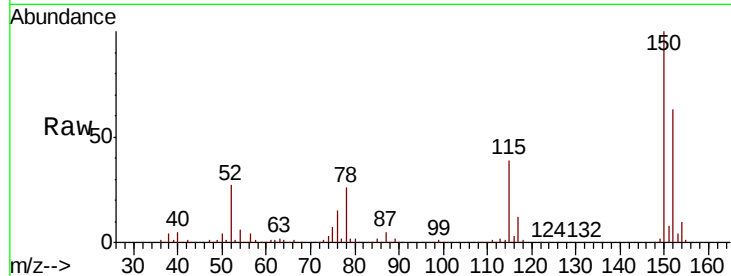
Tot Ion:152 Resp: 195786

Ion Ratio Lower Upper

152 100

150 157.8 124.3 186.5

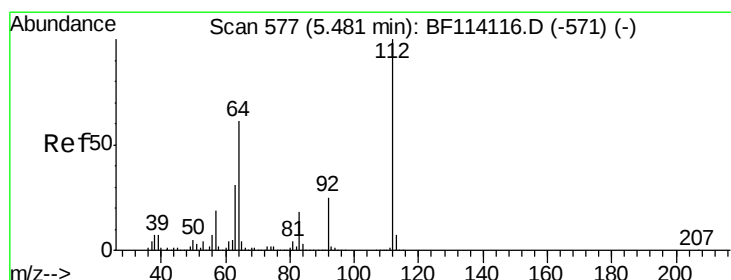
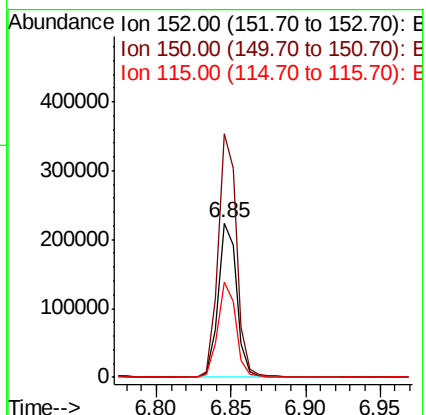
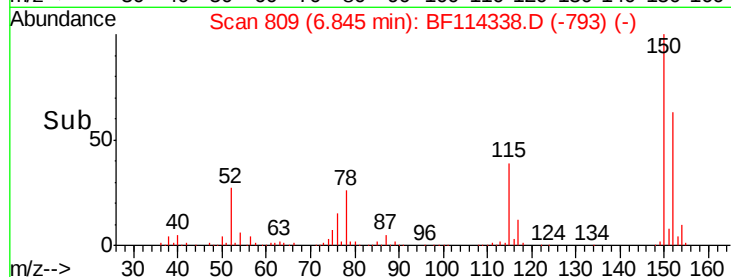
115 62.0 49.1 73.7



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: 73.997 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

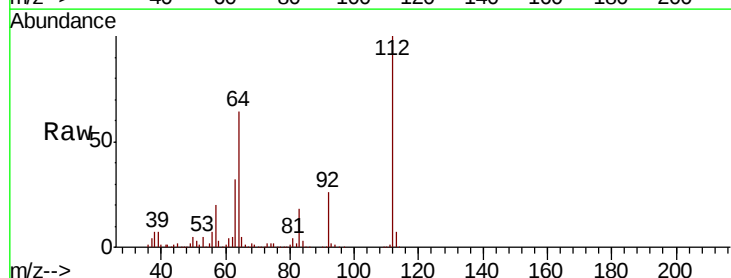
Tgt Ion:112 Resp: 900264

Ion Ratio Lower Upper

112 100

64 64.5 49.0 73.6

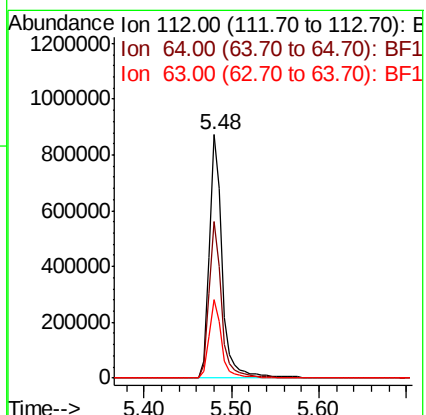
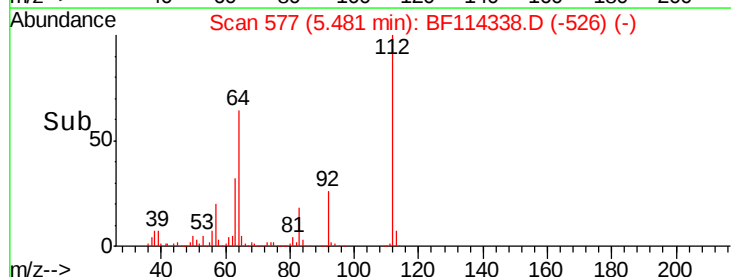
63 32.3 24.6 37.0



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: 97.007 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-B

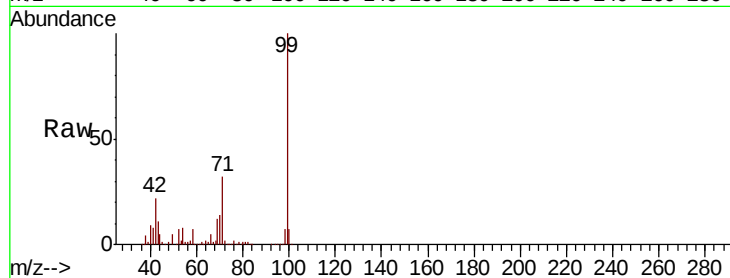
Tot Ion: 99 Resp: 1395868

Ion Ratio Lower Upper

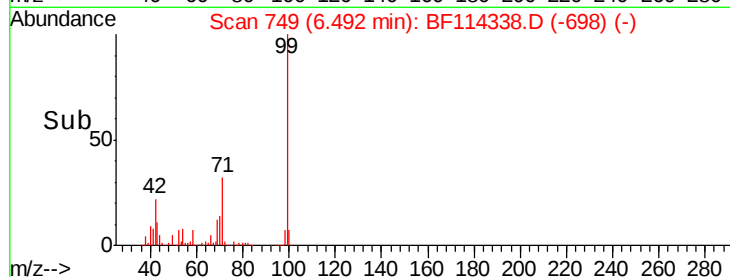
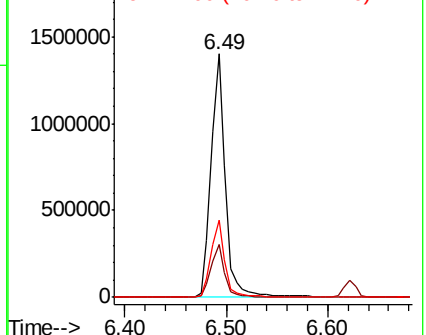
99 100

42 21.7 17.9 26.9

71 31.9 26.2 39.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Tgt Ion: 136 Resp: 748032

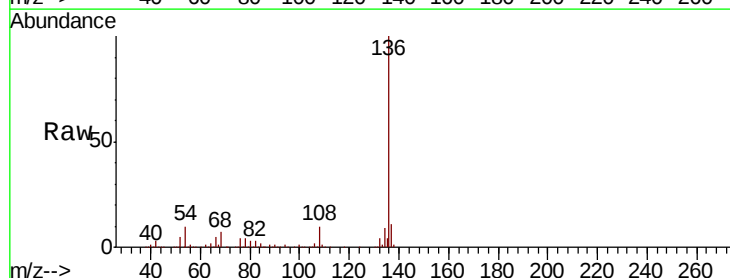
Ion Ratio Lower Upper

136 100

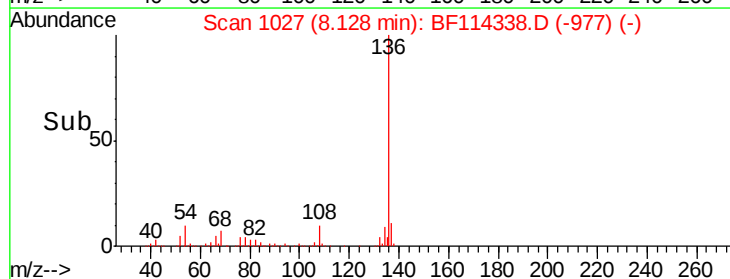
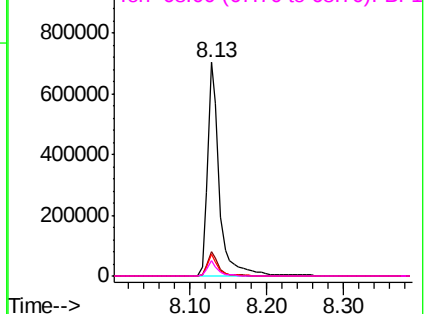
137 11.2 8.8 13.2

54 9.9 7.8 11.8

68 7.0 5.1 7.7



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

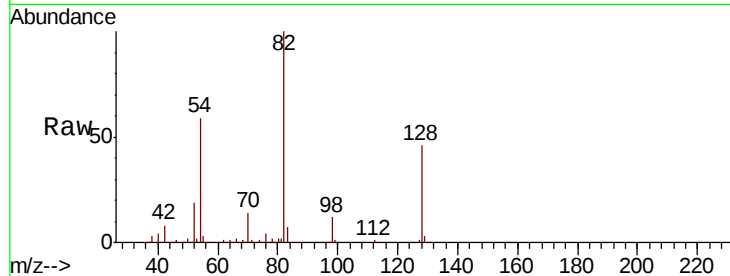




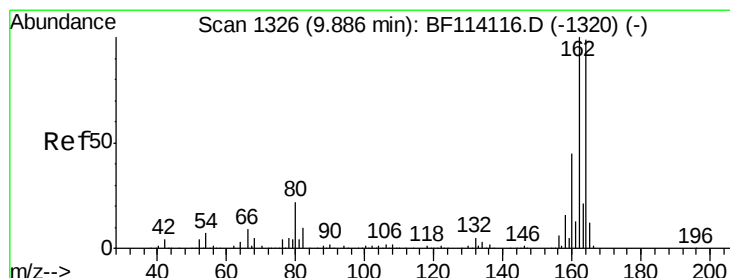
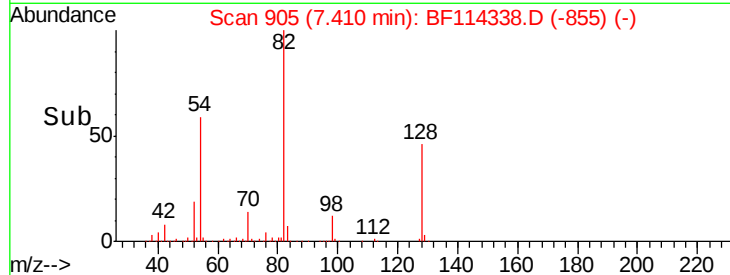
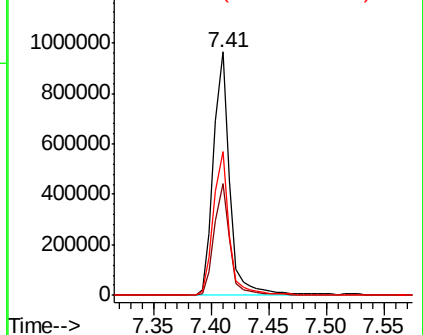
#23  
 Nitrobenzene-d5  
 Concen: 71.545 ng  
 RT: 7.41 min Scan# 905  
 Delta R.T. -0.01 min  
 Lab File: BF114338.D  
 Acq: 17 May 2019 5:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-B

| Tot Ion   | 82    | Resp  | 953630 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.7  | 35.5  | 53.3   |
| 54        | 58.8  | 48.5  | 72.7   |

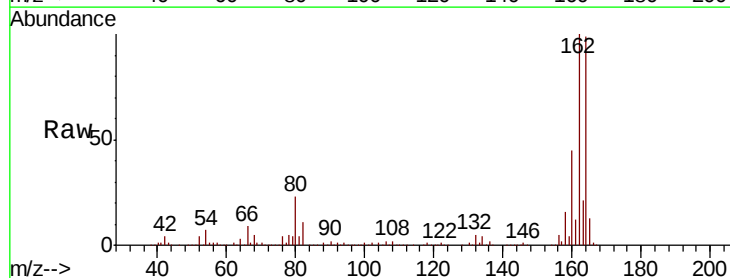


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

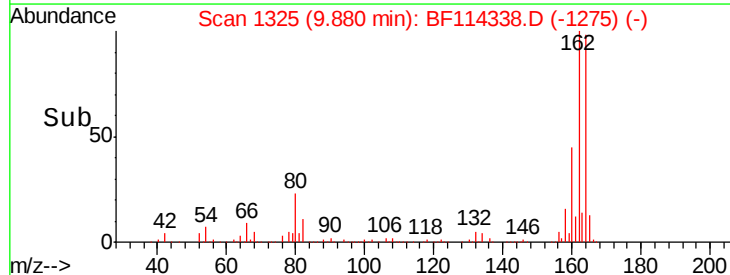
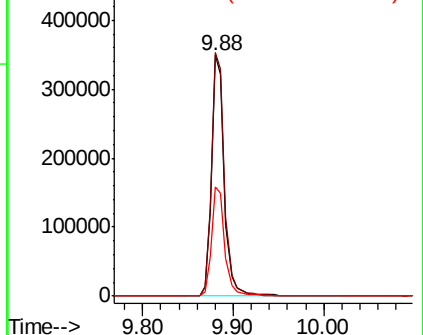


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.01 min  
 Lab File: BF114338.D  
 Acq: 17 May 2019 5:00

| Tgt Ion   | 164   | Resp  | 345767 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.0 | 80.6  | 120.8  |
| 160       | 45.5  | 36.5  | 54.7   |



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: 53.700 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-B

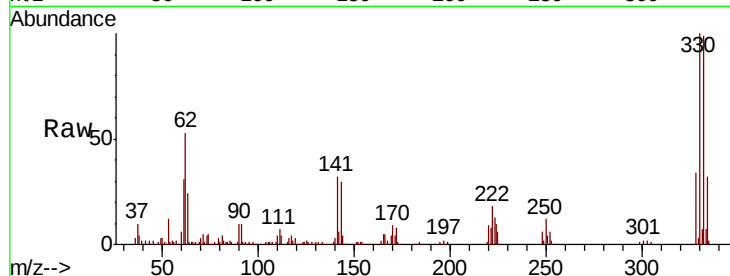
Tot Ion:330 Resp: 191959

Ion Ratio Lower Upper

330 100

332 102.2 81.4 122.2

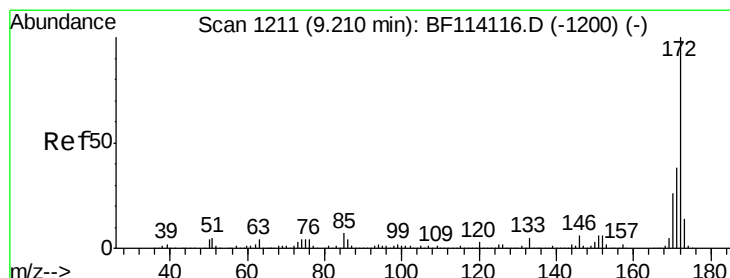
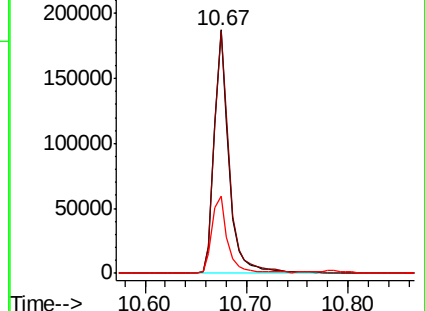
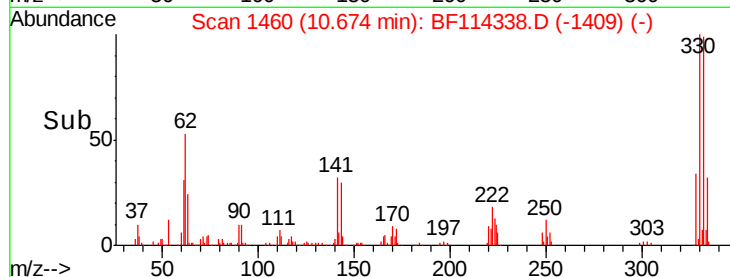
141 32.8 26.6 40.0



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: 75.282 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

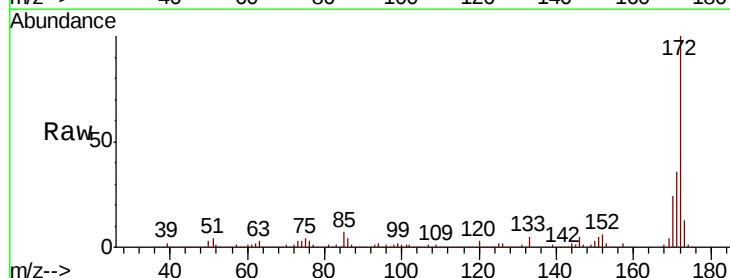
Tgt Ion:172 Resp: 1720799

Ion Ratio Lower Upper

172 100

171 36.2 30.7 46.1

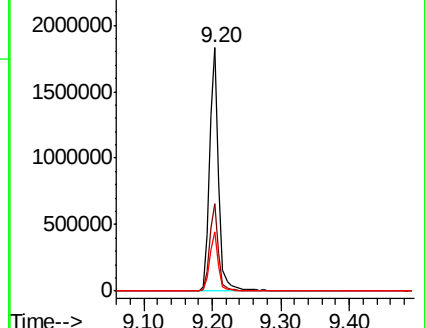
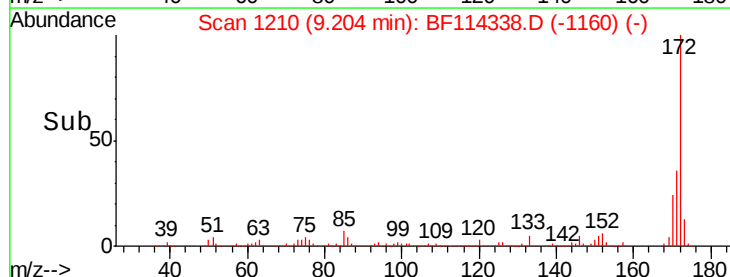
170 24.4 20.5 30.7

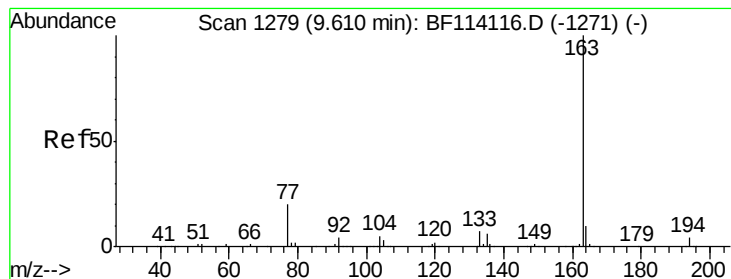


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.542 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-B

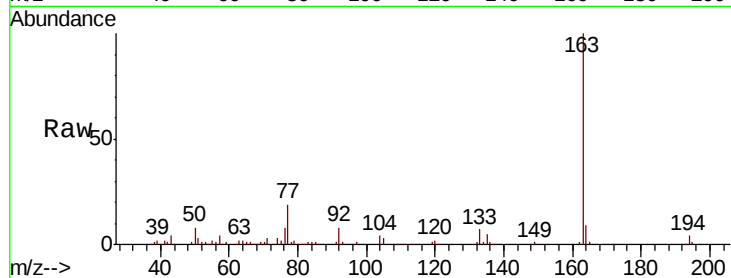
Tot Ion:163 Resp: 166043

Ion Ratio Lower Upper

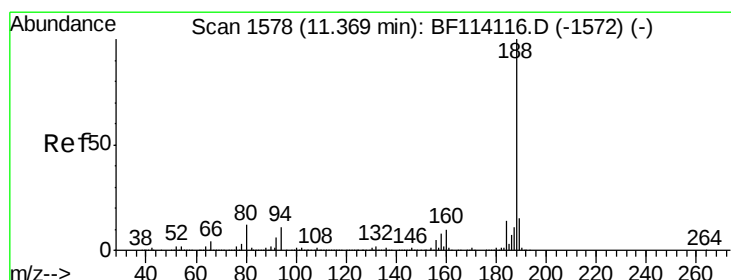
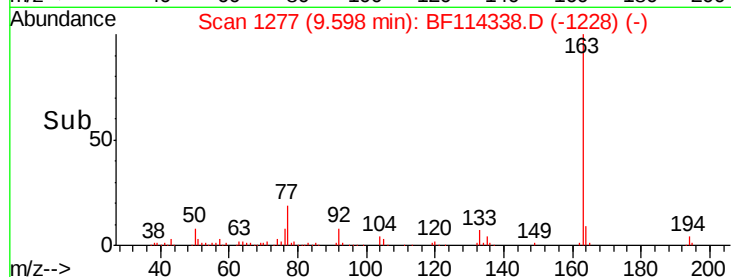
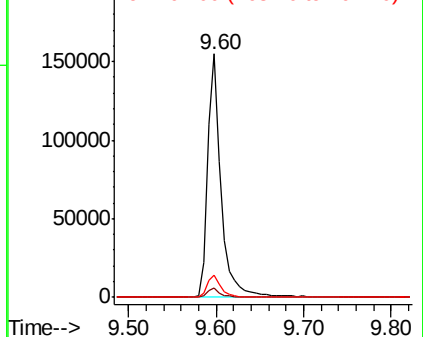
163 100

194 3.9 3.4 5.0

164 9.1 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

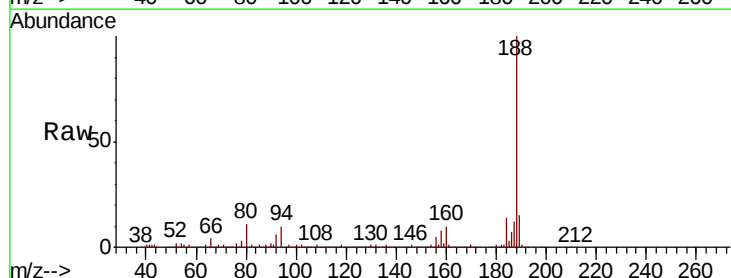
Tgt Ion:188 Resp: 652454

Ion Ratio Lower Upper

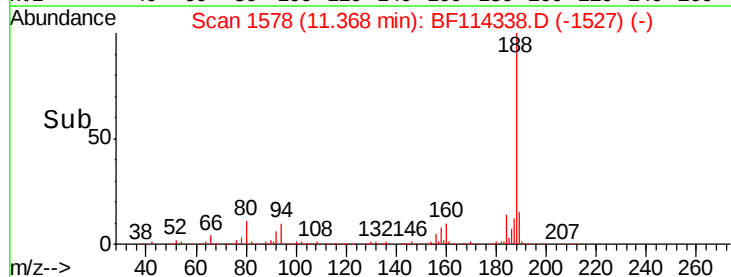
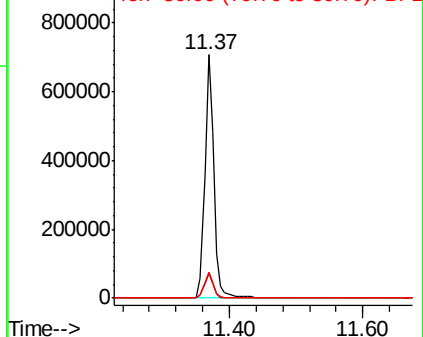
188 100

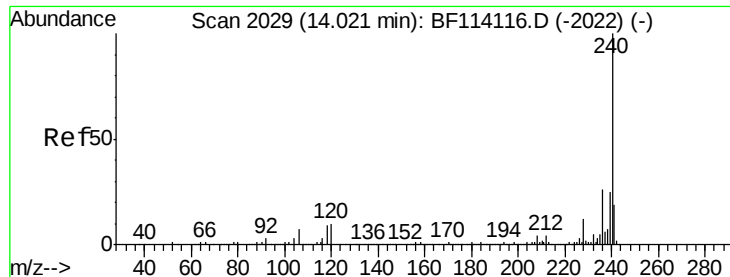
94 10.3 8.4 12.6

80 10.8 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

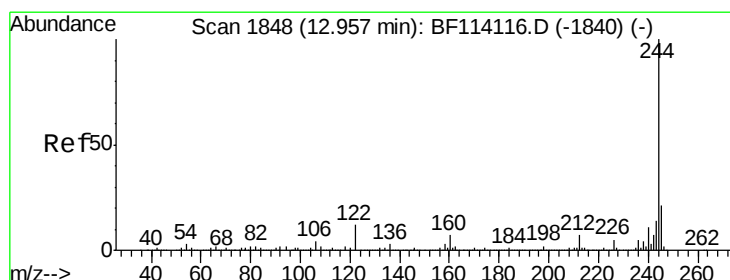
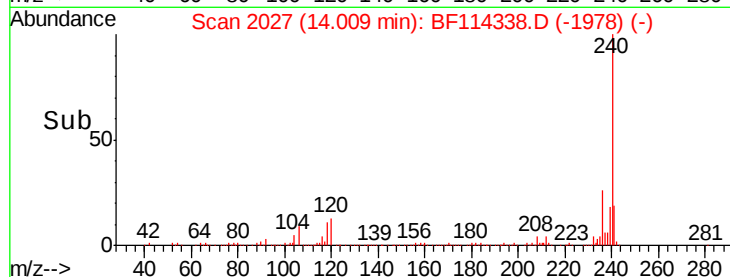
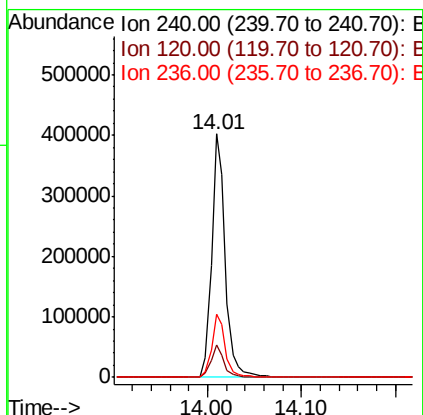
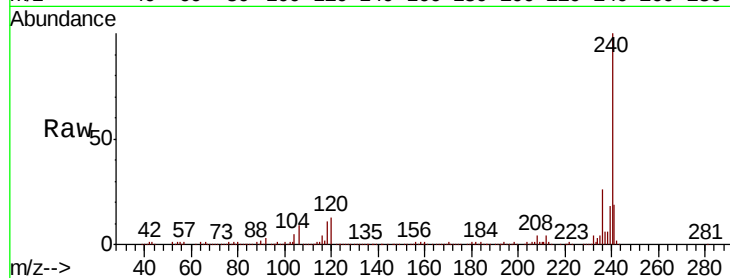




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.01 min  
 Lab File: BF114338.D  
 Acq: 17 May 2019 5:00

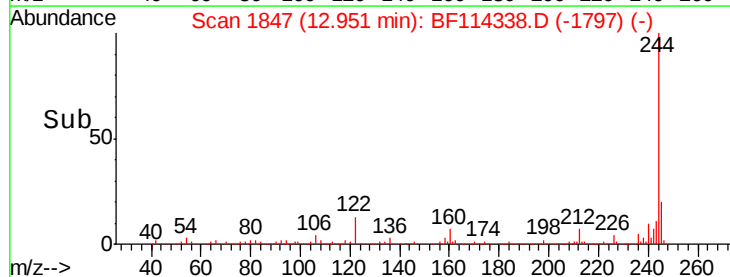
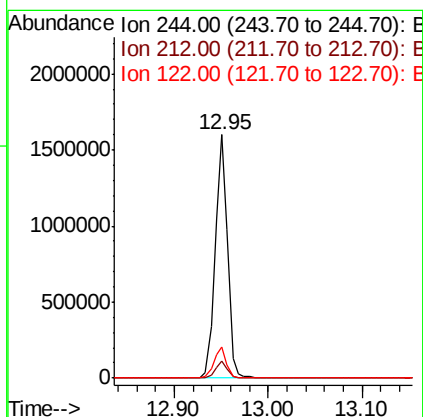
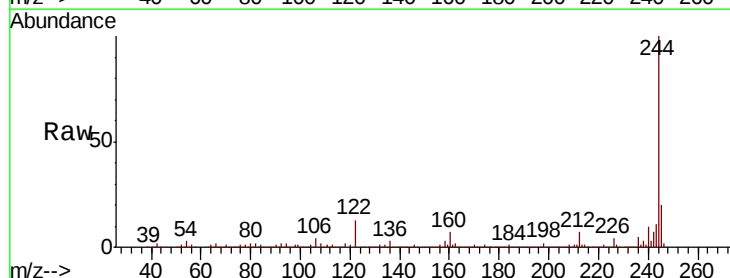
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-B

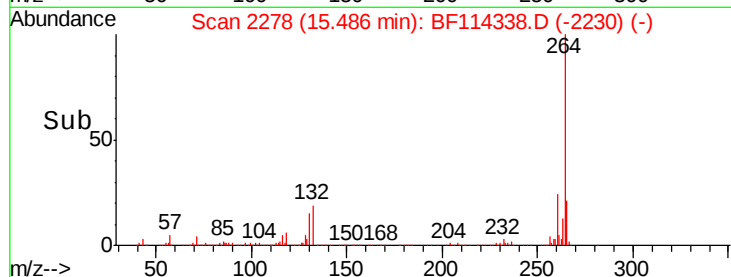
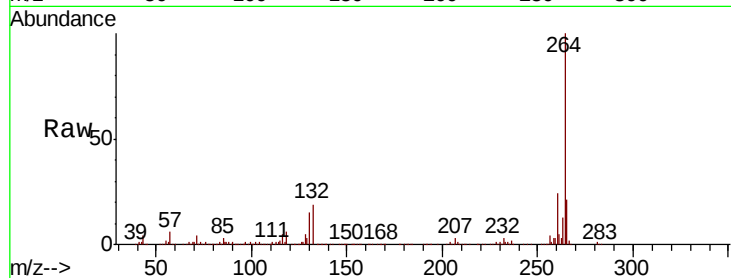
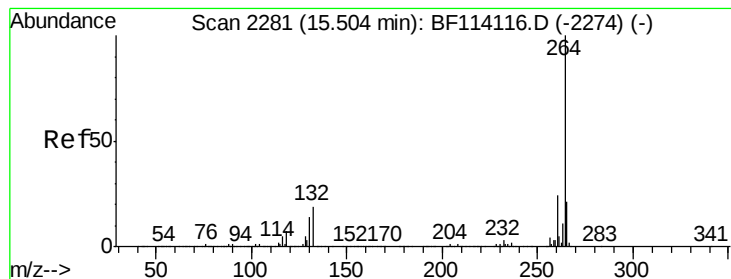
Tot Ion:240 Resp: 411592  
 Ion Ratio Lower Upper  
 240 100  
 120 13.4 8.3 12.5#  
 236 25.7 20.8 31.2



#79  
 Terphenyl-d14  
 Concen: 74.395 ng  
 RT: 12.95 min Scan# 1847  
 Delta R.T. -0.01 min  
 Lab File: BF114338.D  
 Acq: 17 May 2019 5:00

Tgt Ion:244 Resp: 1485400  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.8 8.6  
 122 12.7 9.4 14.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-B

Tot Ion:264 Resp: 461050

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 20.9 16.9 25.3

