

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\  
 Data File : BF110363.D  
 Acq On : 1 Nov 2018 12:44  
 Operator : JU/SJ  
 Sample : J5741-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CON-1

Quant Time: Nov 01 16:15:36 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

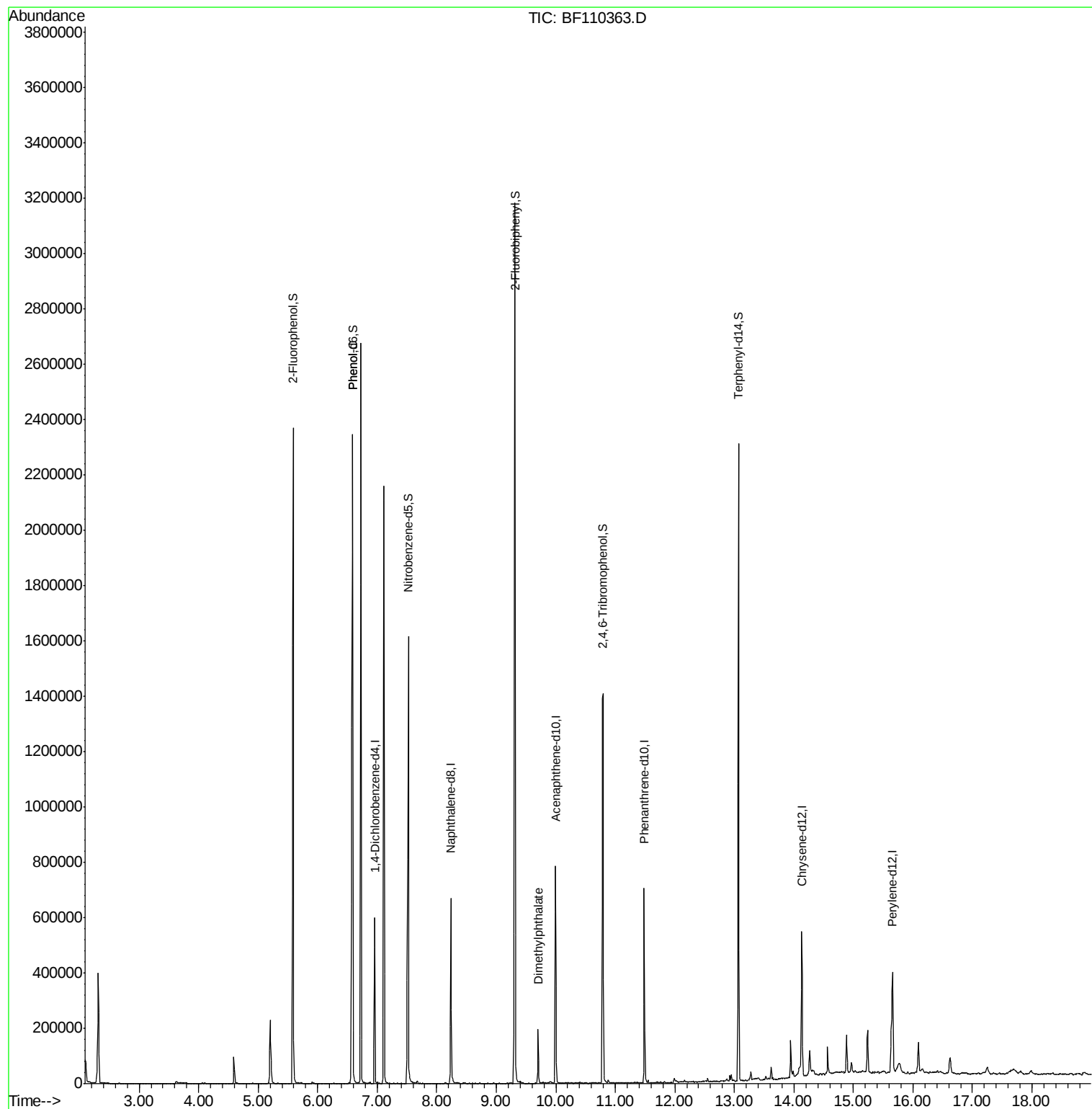
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.96  | 152  | 84306    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.24  | 136  | 343403   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.00 | 164  | 160409   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.49 | 188  | 276594   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.13 | 240  | 160357   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.66 | 264  | 168329   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.59  | 112  | 678561   | 131.07 | ng    | 0.01     |
| 7) Phenol-d6                | 6.59  | 99   | 887935   | 134.09 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 578804   | 99.97  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.79 | 330  | 176298   | 110.95 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.32  | 172  | 1081265  | 105.85 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.07 | 244  | 816924   | 105.95 | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.59  | 94   | 47926    | 6.771  | ng    | 82       |
| 50) Dimethylphthalate       | 9.70  | 163  | 87683    | 7.405  | ng    | 99       |

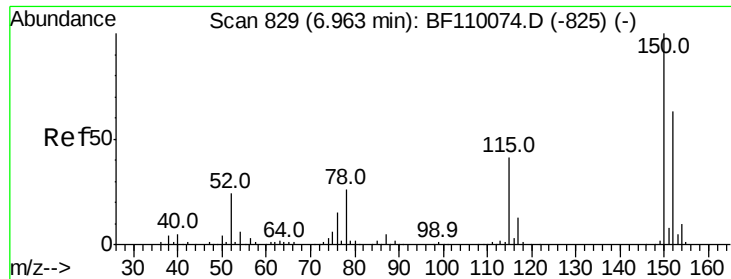
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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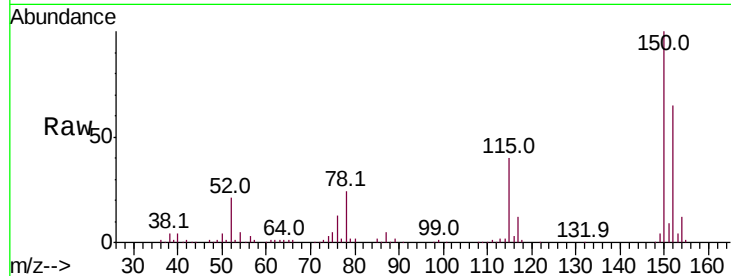


#1

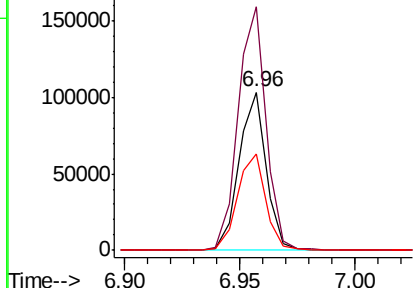
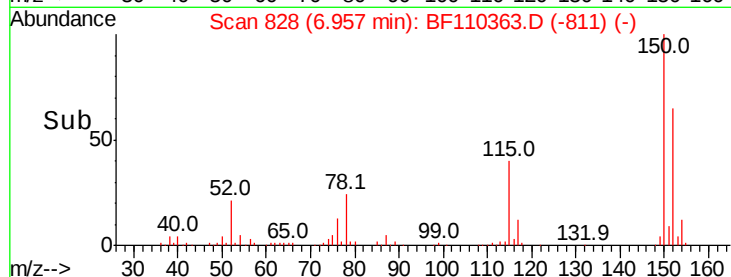
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.96 min Scan# 828  
Delta R.T. 0.00 min  
Lab File: BF110363.D  
Acq: 1 Nov 2018 12:44

Instrument :  
BNA\_F  
ClientSampleId :  
CON-1

Tot Ion:152 Resp: 84306  
Ion Ratio Lower Upper  
152 100  
150 153.9 122.7 184.1  
115 61.0 49.1 73.7



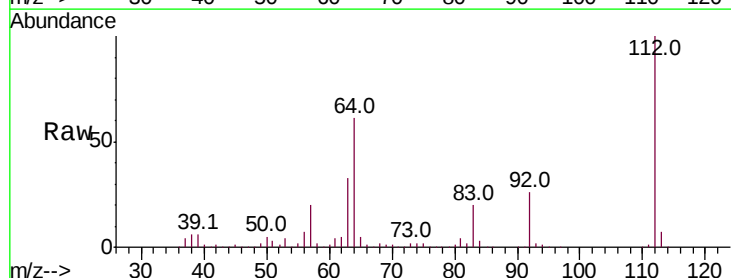
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



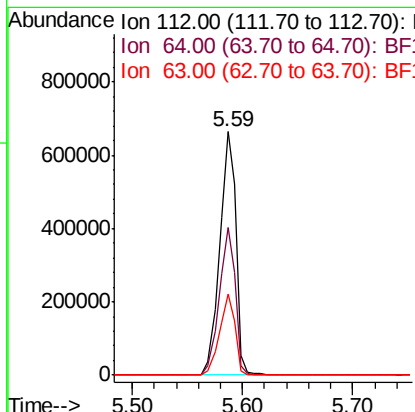
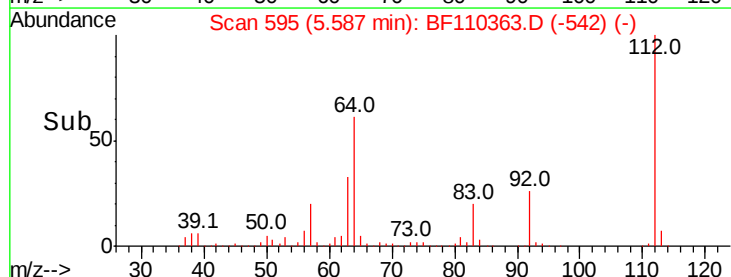
#5

2-Fluorophenol  
Concen: 131.071 ng  
RT: 5.59 min Scan# 595  
Delta R.T. 0.01 min  
Lab File: BF110363.D  
Acq: 1 Nov 2018 12:44

Tgt Ion:112 Resp: 678561  
Ion Ratio Lower Upper  
112 100  
64 60.8 44.1 66.1  
63 33.1 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: 134.091 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

Instrument :

BNA\_F

ClientSampled :

CON-1

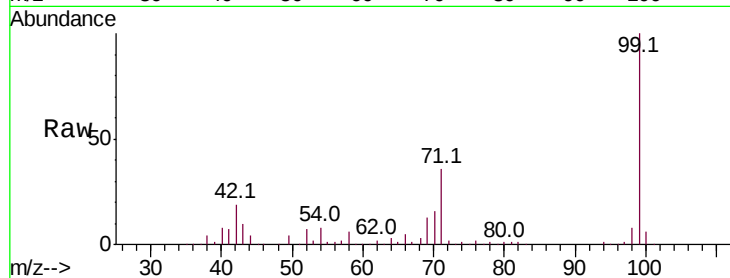
Tot Ion: 99 Resp: 887935

Ion Ratio Lower Upper

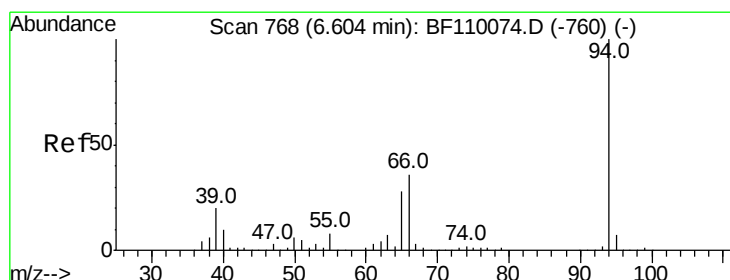
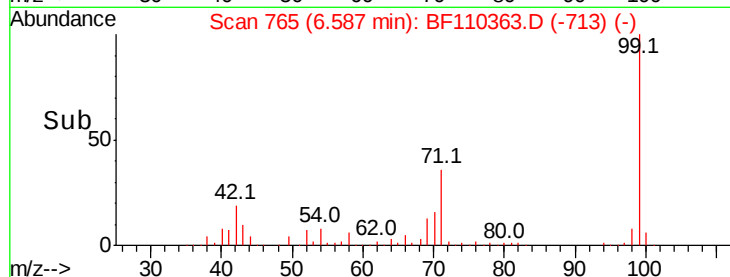
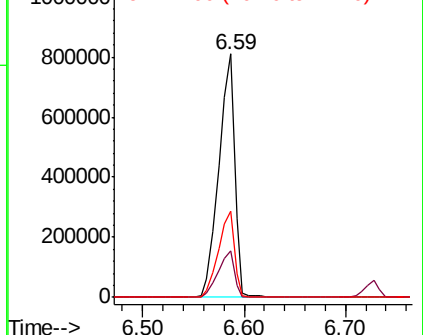
99 100

42 19.2 15.8 23.6

71 35.6 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: 6.771 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

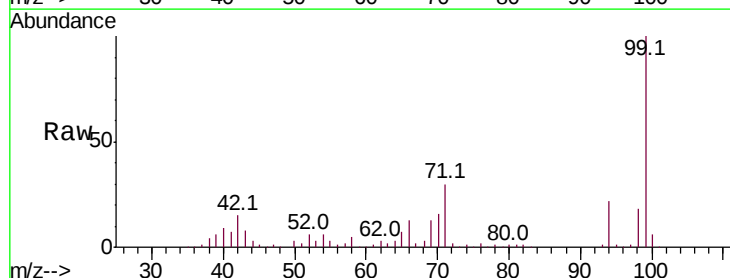
Tgt Ion: 94 Resp: 47926

Ion Ratio Lower Upper

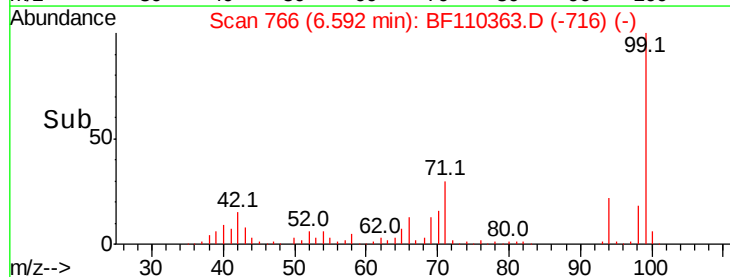
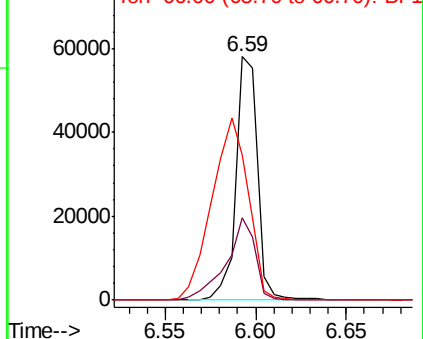
94 100

65 33.8 25.3 65.3

66 59.5 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

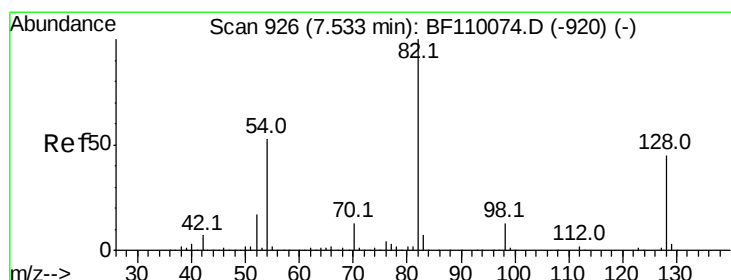
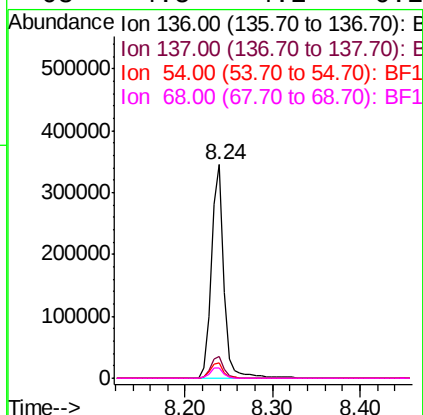
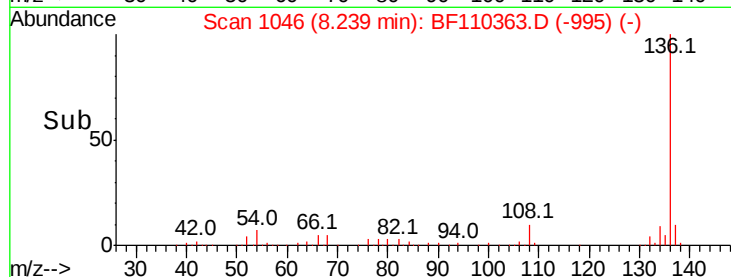
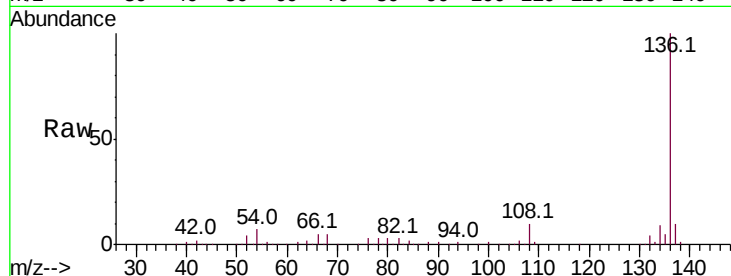




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BF110363.D  
Acq: 1 Nov 2018 12:44

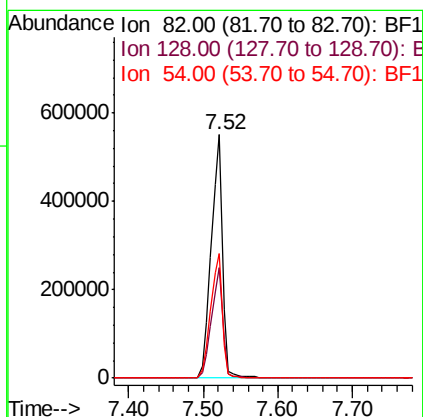
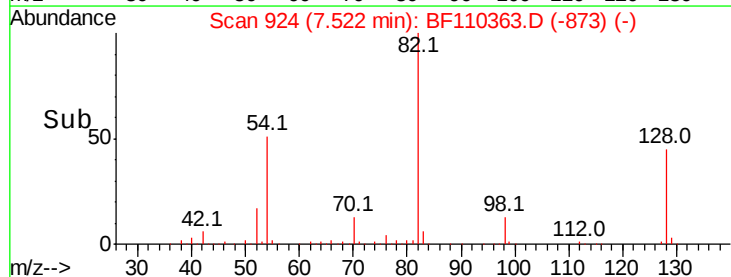
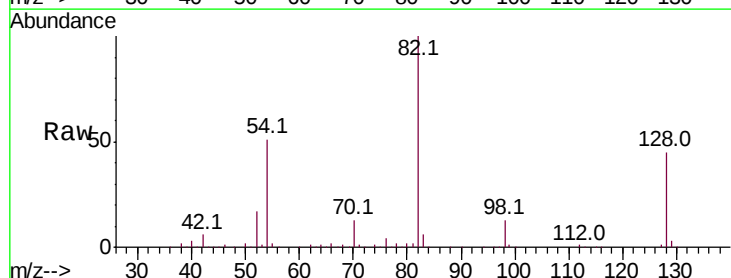
Instrument :  
BNA\_F  
ClientSampleId :  
CON-1

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 343403 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 8.8   | 13.2   |
| 54       | 7.3   | 5.4   | 8.2    |
| 68       | 4.5   | 4.2   | 6.2    |



#23  
Nitrobenzene-d5  
Concen: 99.972 ng  
RT: 7.52 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: BF110363.D  
Acq: 1 Nov 2018 12:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 578804 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 45.2  | 34.2  | 51.2   |
| 54       | 51.4  | 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: BF110363.D

Acq: 1 Nov 2018 12:44

Instrument :

BNA\_F

ClientSampleId :

CON-1

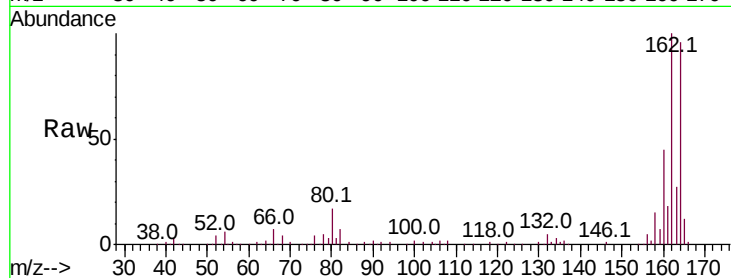
Tot Ion:164 Resp: 160409

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.6

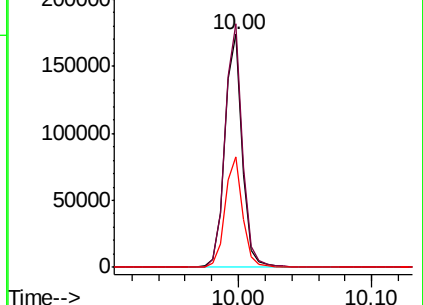
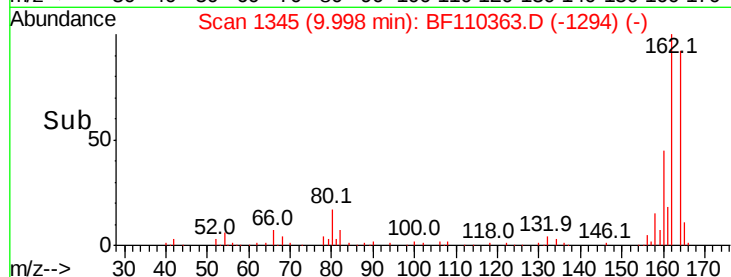
160 47.3 37.0 55.6



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: 110.952 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

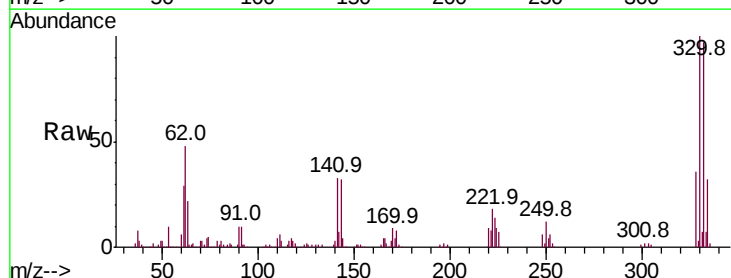
Tgt Ion:330 Resp: 176298

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

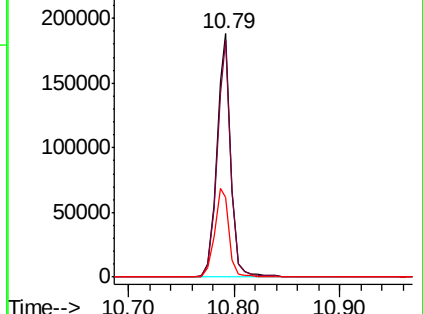
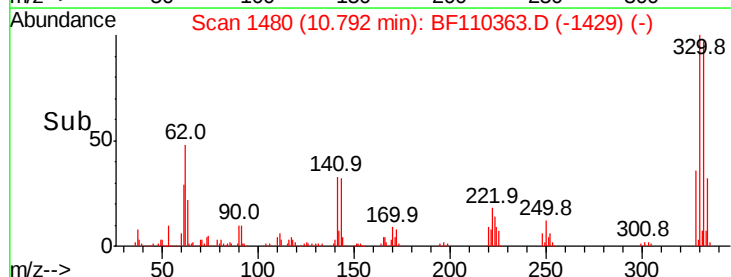
141 38.0 27.0 40.4



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: 105.846 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

Instrument :

BNA\_F

ClientSampleId :

CON-1

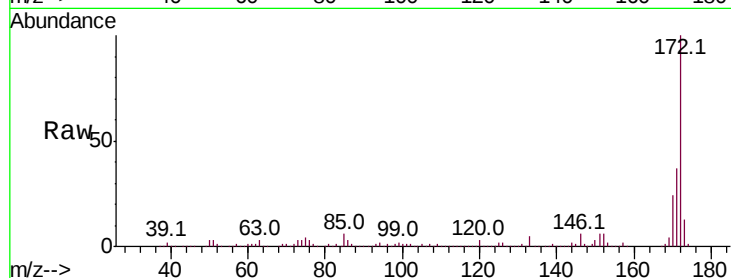
Tot Ion:172 Resp: 1081265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.7  | 28.6  | 43.0  |
| 170 | 23.8  | 19.7  | 29.5  |

172 100

171 36.7 28.6 43.0

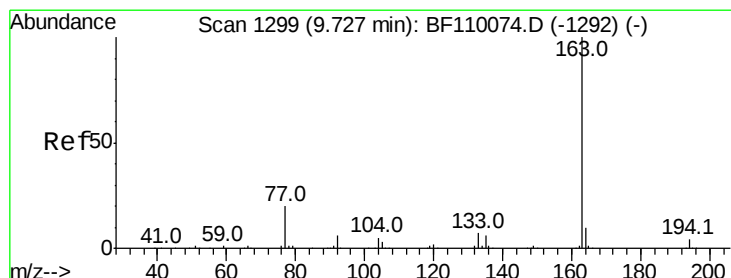
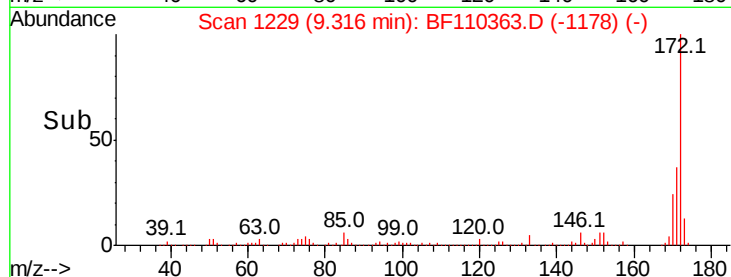
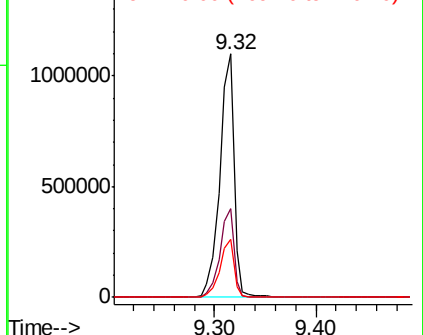
170 23.8 19.7 29.5



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: 7.405 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

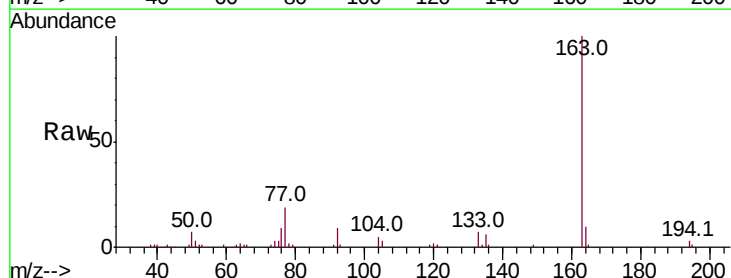
Tgt Ion:163 Resp: 87683

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.5   | 3.2   | 4.8   |
| 164 | 9.7   | 8.1   | 12.1  |

163 100

194 3.5 3.2 4.8

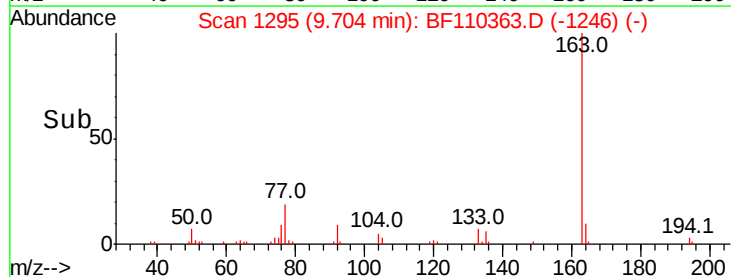
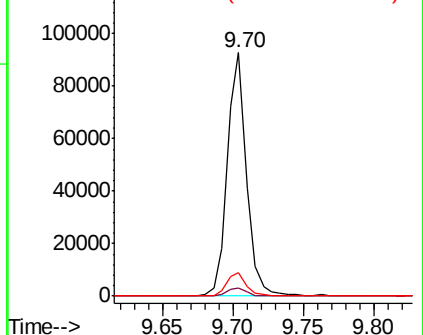
164 9.7 8.1 12.1



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: BF110363.D

Acq: 1 Nov 2018 12:44

Instrument :

BNA\_F

ClientSampleId :

CON-1

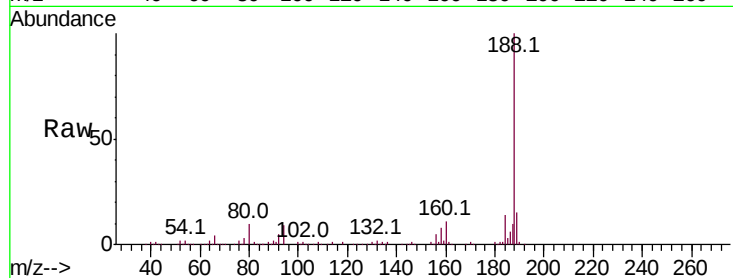
Tot Ion:188 Resp: 276594

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

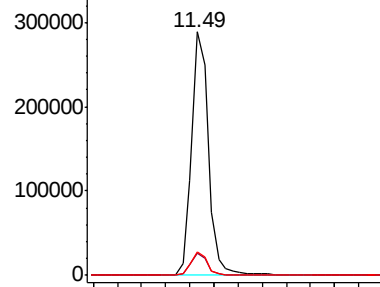
80 9.7 7.9 11.9



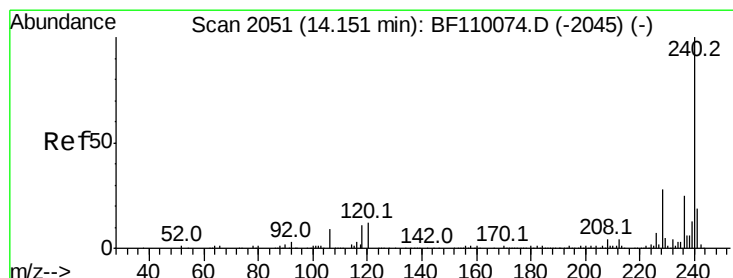
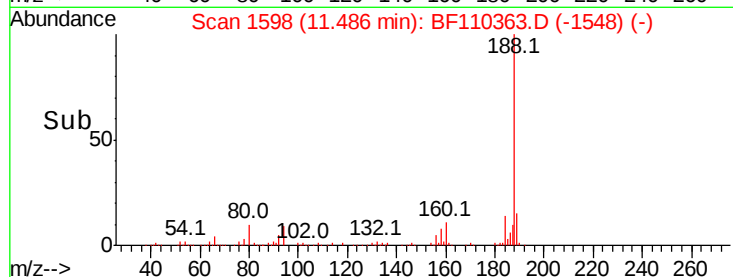
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.40 11.50 11.60



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

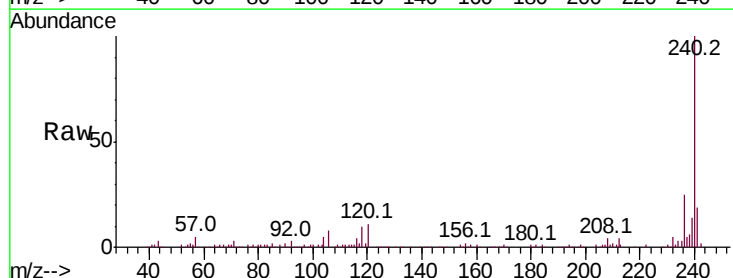
Tgt Ion:240 Resp: 160357

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

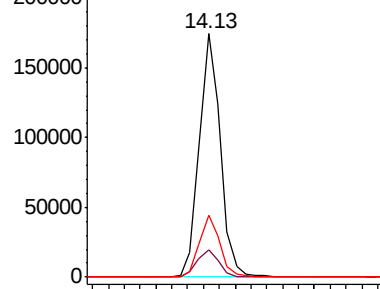
236 25.2 21.2 31.8



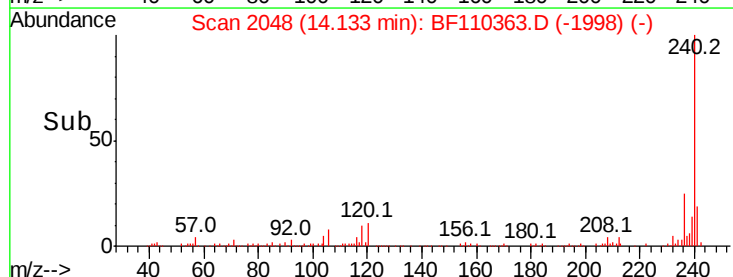
Abundance Ion 240.00 (239.70 to 240.70): E

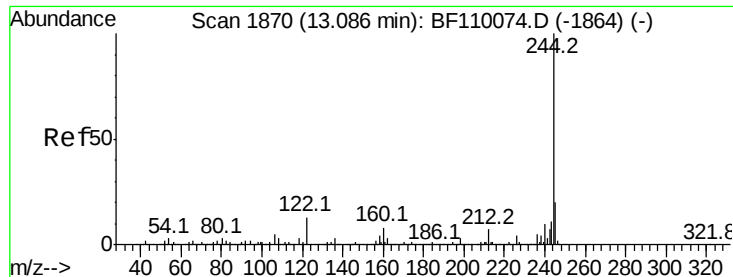
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.10 14.15 14.20





#79

Terphenyl-d14

Concen: 105.949 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

Instrument :

BNA\_F

ClientSampleId :

CON-1

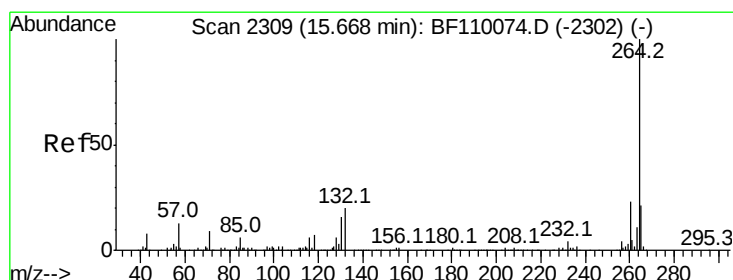
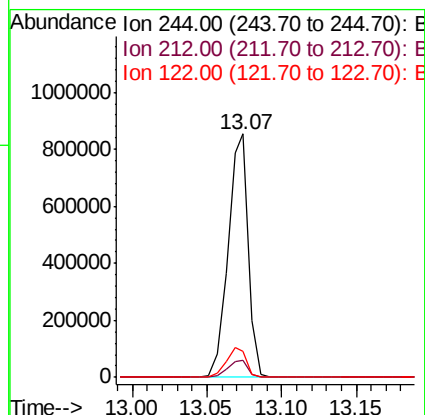
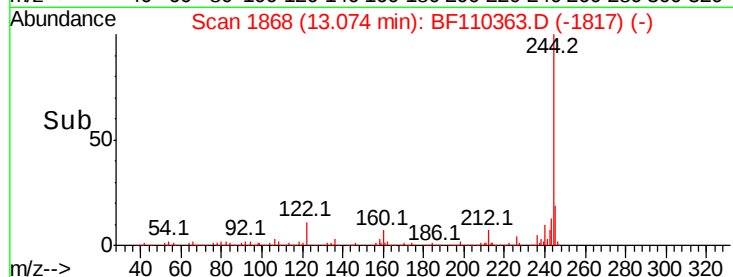
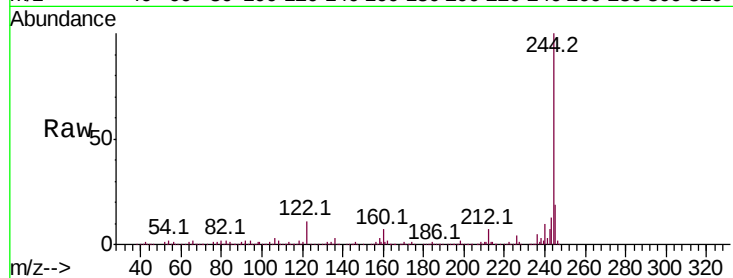
Tot Ion:244 Resp: 816924

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 10.8 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: BF110363.D

Acq: 1 Nov 2018 12:44

Tgt Ion:264 Resp: 168329

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.0 16.7 25.1

