

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\  
 Data File : BF121590.D  
 Acq On : 16 Sep 2020 11:15  
 Operator : JU/CG  
 Sample : PB131616BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131616BL

Quant Time: Sep 16 12:59:11 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 10 16:47:54 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.82  | 152  | 192889   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.10  | 136  | 764502   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.86  | 164  | 404971   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.34 | 188  | 796500   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.98 | 240  | 720300   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.43 | 264  | 678832   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 1215584  | 93.66  | ng    | 0.01     |
| 7) Phenol-d6                | 6.46  | 99   | 1558151  | 91.50  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 1080930  | 75.91  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.65 | 330  | 523439   | 104.00 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.18  | 172  | 1929460  | 72.16  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.93 | 244  | 2182146  | 61.37  | ng    | 0.00     |

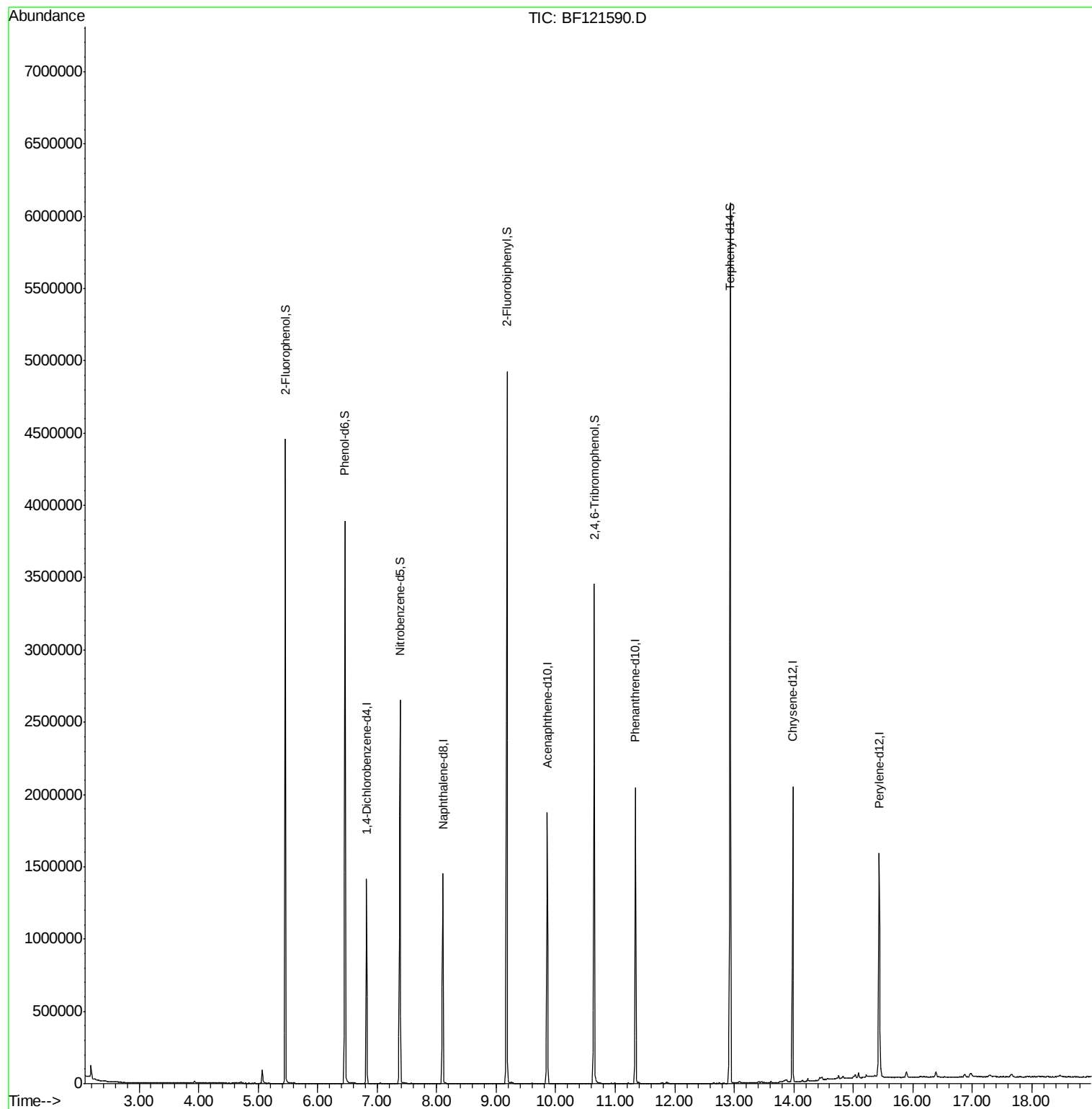
Target Compounds Qvalue

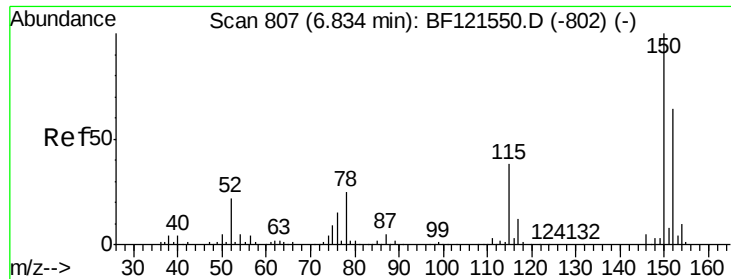
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\  
Data File : BF121590.D  
Acq On : 16 Sep 2020 11:15  
Operator : JU/CG  
Sample : PB131616BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB131616BL

Quant Time: Sep 16 12:59:11 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 10 16:47:54 2020  
Response via : Initial Calibration



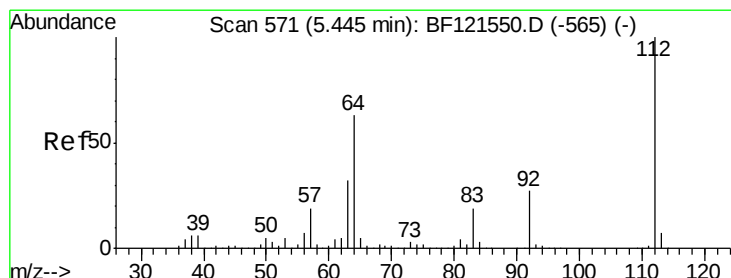
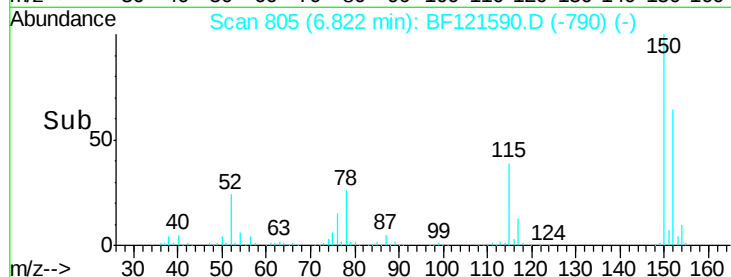
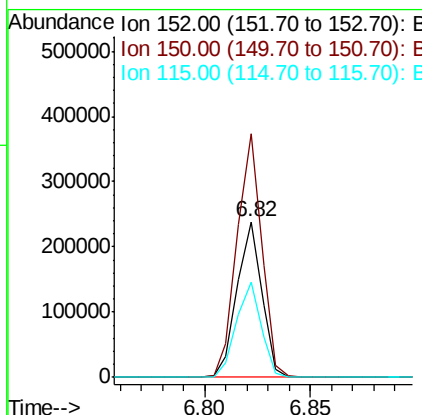
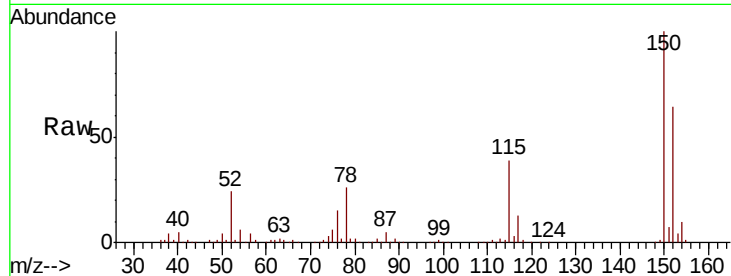


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: BF121590.D  
Acq: 16 Sep 2020 11:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB131616BL

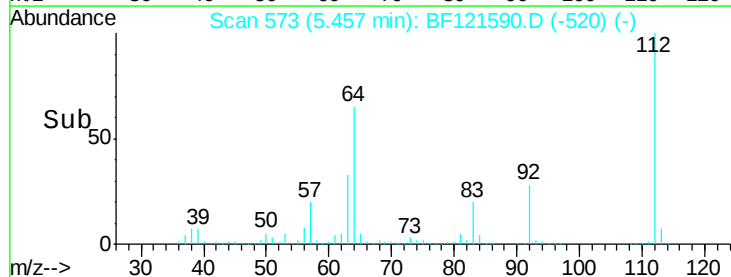
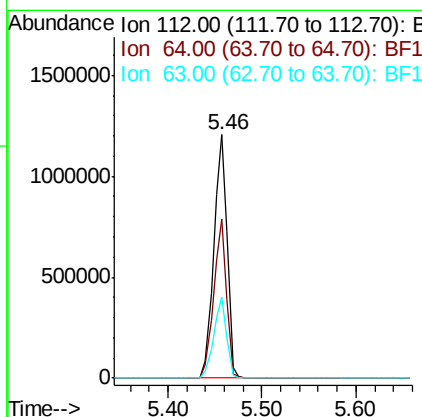
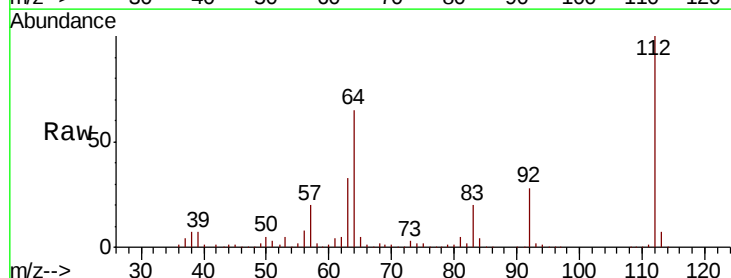
Tot Ion:152 Resp: 192889  
Ion Ratio Lower Upper  
152 100  
150 156.5 125.8 188.6  
115 61.5 47.8 71.8

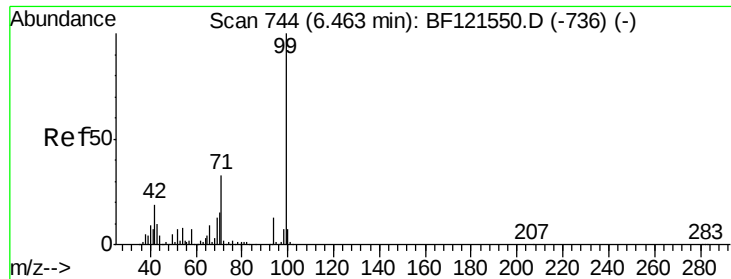


#5

2-Fluorophenol  
Concen: 93.655 ng  
RT: 5.46 min Scan# 573  
Delta R.T. 0.01 min  
Lab File: BF121590.D  
Acq: 16 Sep 2020 11:15

Tgt Ion:112 Resp: 1215584  
Ion Ratio Lower Upper  
112 100  
64 65.2 50.3 75.5  
63 33.2 25.6 38.4





#7

Phenol-d6

Concen: 91.505 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

Instrument :

BNA\_F

ClientSampleId :

PB131616BL

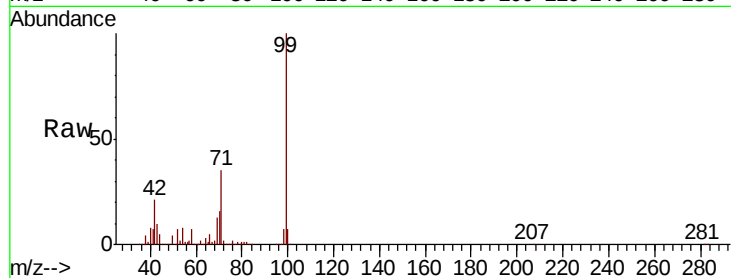
Tot Ion: 99 Resp: 1558151

Ion Ratio Lower Upper

99 100

42 20.9 15.5 23.3

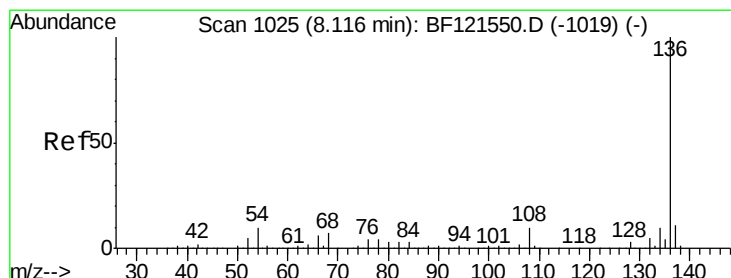
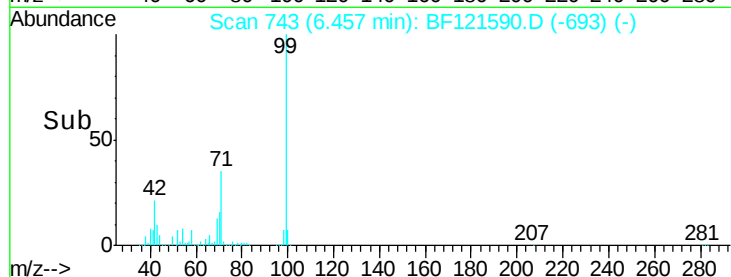
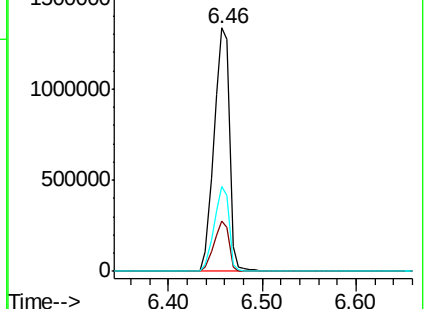
71 35.1 26.1 39.1



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

Tgt Ion: 136 Resp: 764502

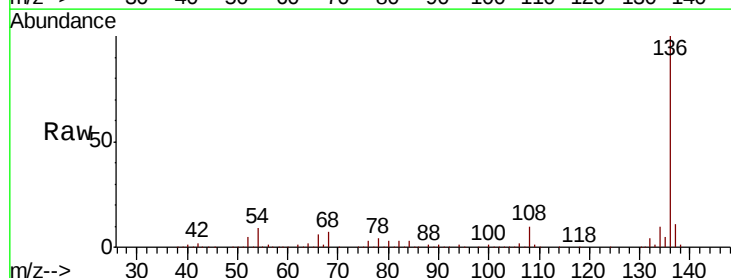
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 9.0 7.6 11.4

68 6.9 5.7 8.5

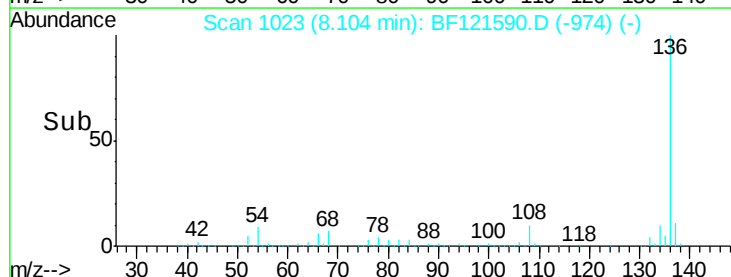
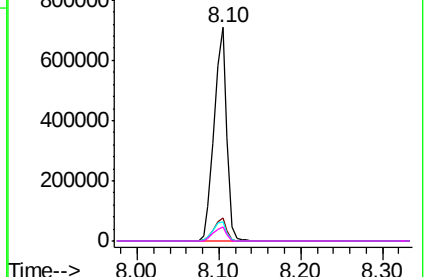


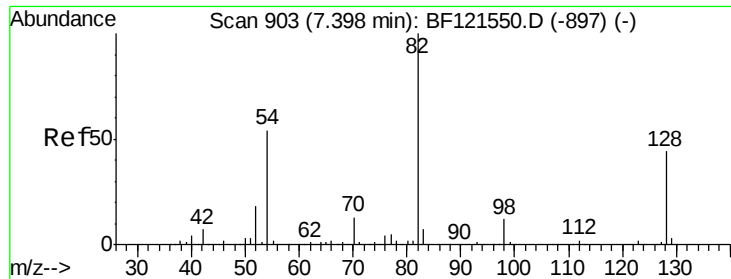
Abundance Ion 136.00 (135.70 to 136.70): E

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

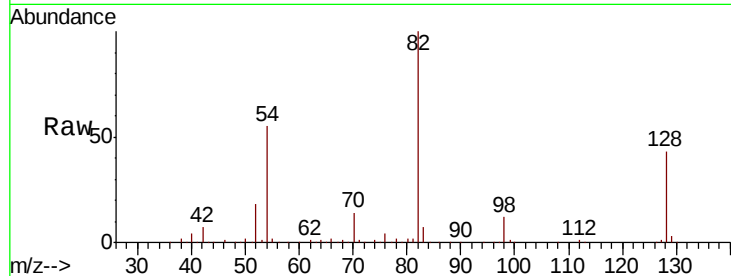




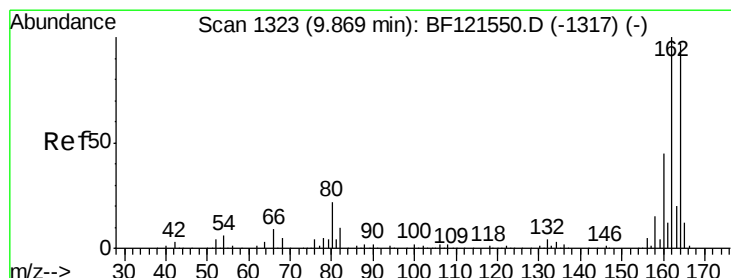
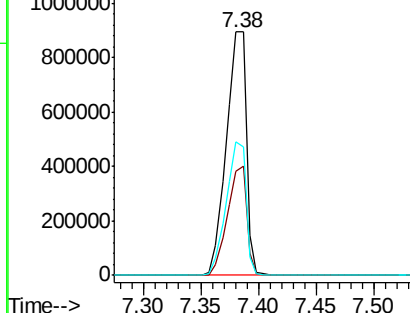
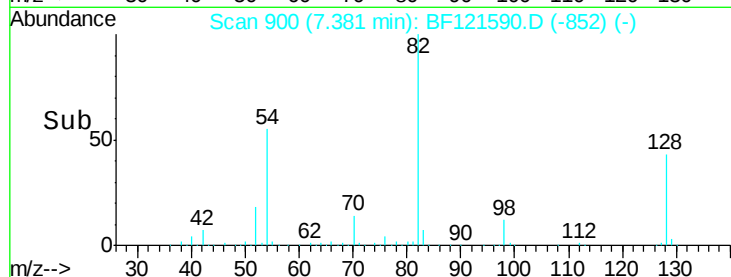
#23  
 Nitrobenzene-d5  
 Concen: 75.915 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. -0.02 min  
 Lab File: BF121590.D  
 Acq: 16 Sep 2020 11:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131616BL

Tot Ion: 82 Resp: 1080930  
 Ion Ratio Lower Upper  
 82 100  
 128 42.7 35.1 52.7  
 54 54.7 43.0 64.6

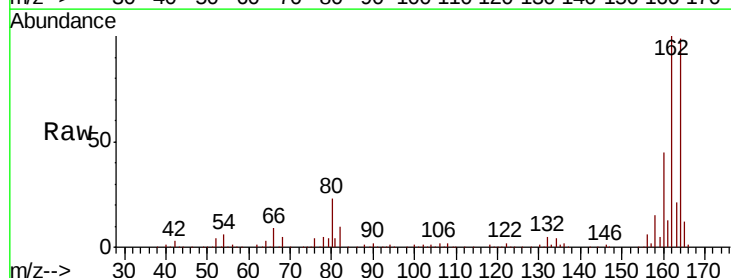


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

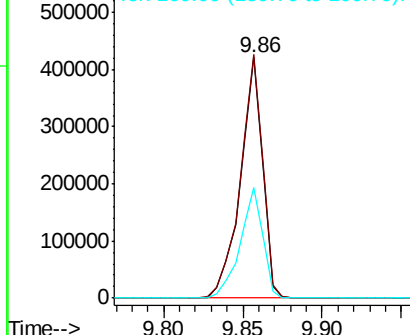
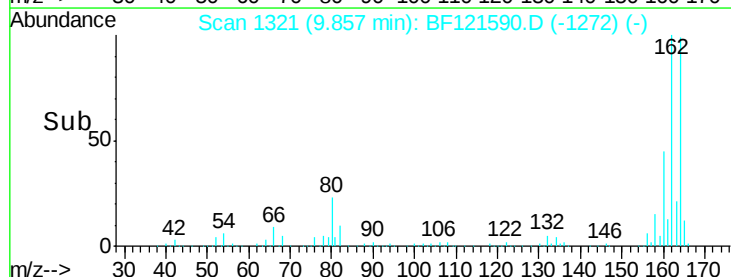


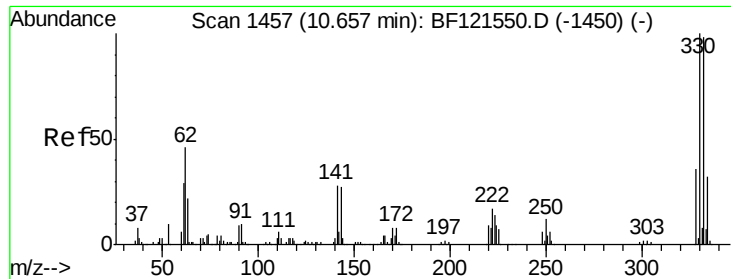
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.86 min Scan# 1321  
 Delta R.T. -0.01 min  
 Lab File: BF121590.D  
 Acq: 16 Sep 2020 11:15

Tgt Ion: 164 Resp: 404971  
 Ion Ratio Lower Upper  
 164 100  
 162 101.2 82.3 123.5  
 160 45.9 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: 103.996 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

Instrument :

BNA\_F

ClientSampleId :

PB131616BL

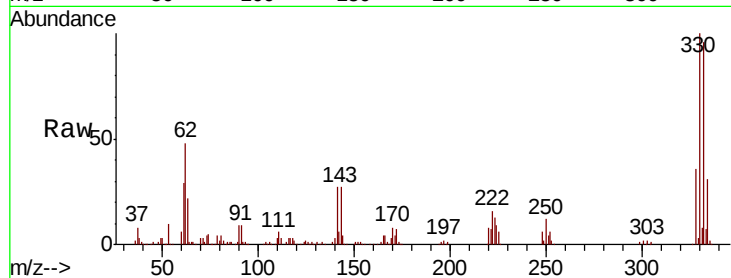
Tot Ion:330 Resp: 523439

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

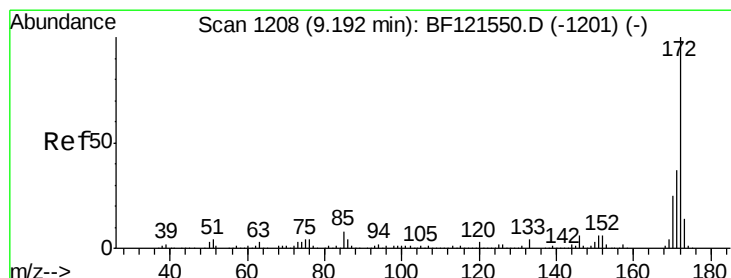
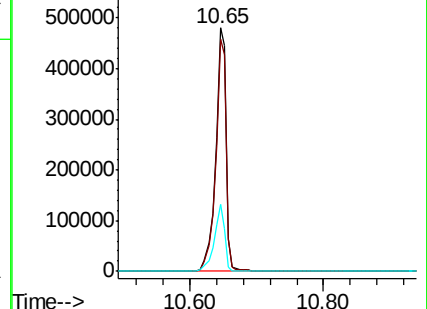
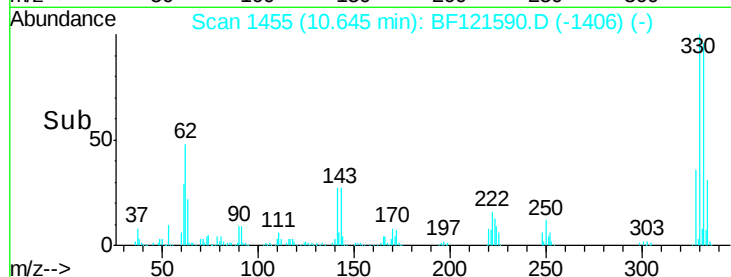
141 27.3 23.6 35.4



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: 72.159 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

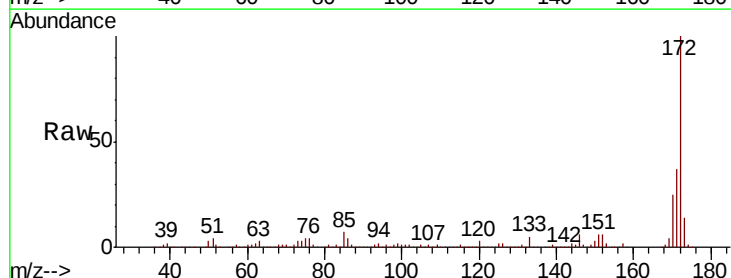
Tgt Ion:172 Resp: 1929460

Ion Ratio Lower Upper

172 100

171 36.8 29.8 44.6

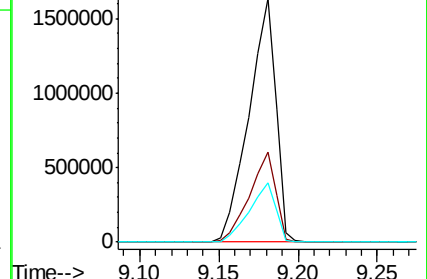
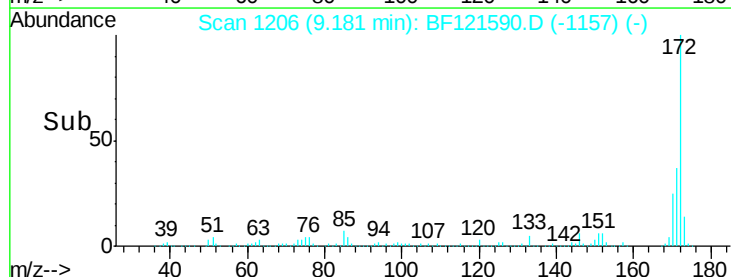
170 24.5 19.8 29.8

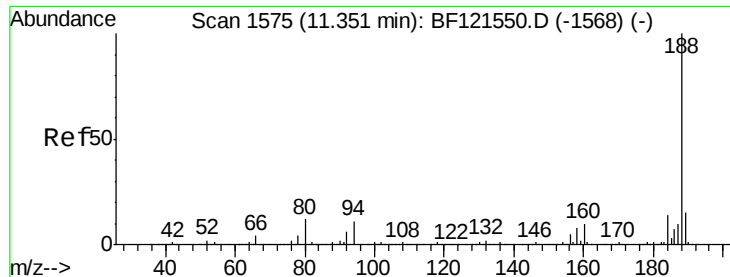


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

Instrument :

BNA\_F

ClientSampled :

PB131616BL

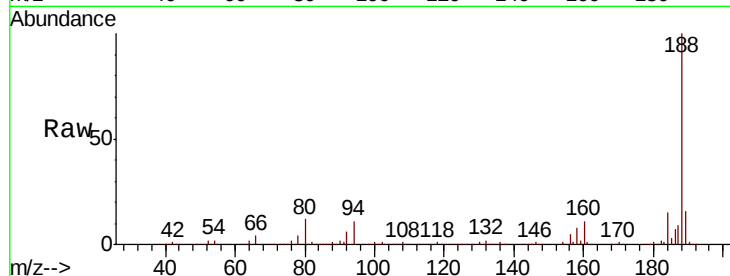
Tot Ion:188 Resp: 796500

Ion Ratio Lower Upper

188 100

94 11.1 8.7 13.1

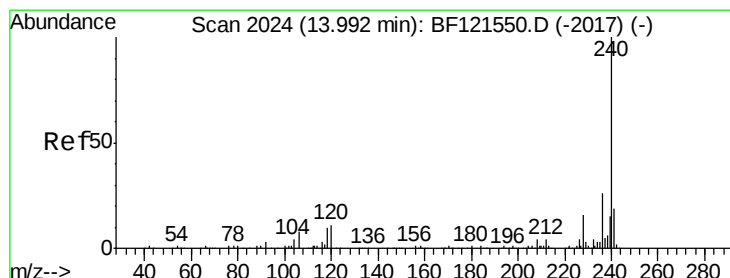
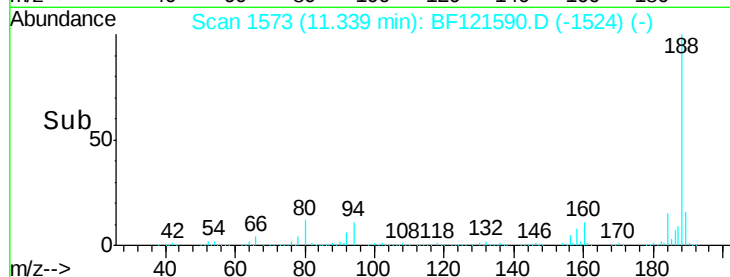
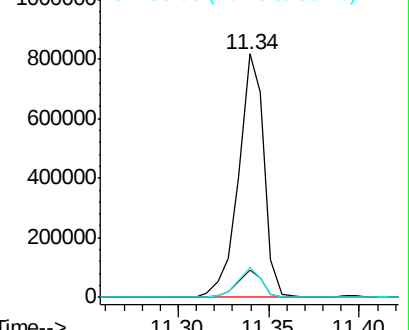
80 12.1 9.3 13.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

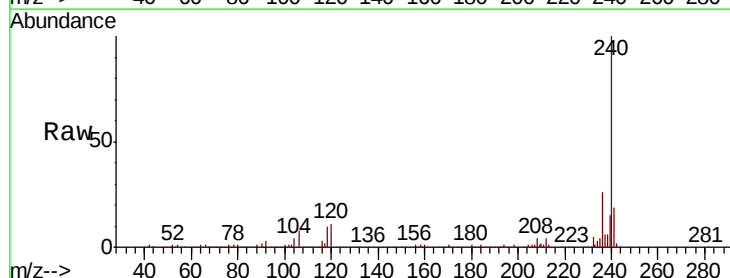
Tgt Ion:240 Resp: 720300

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

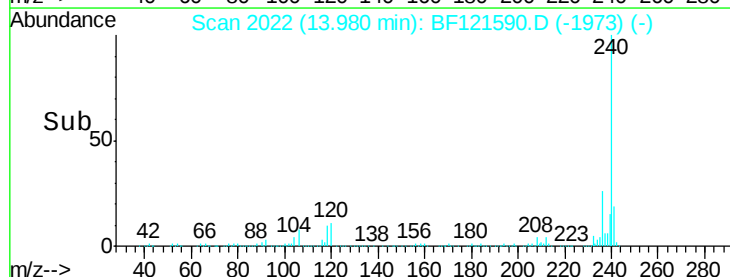
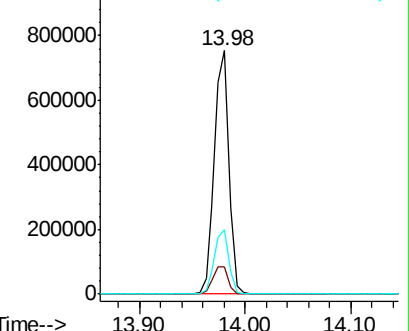
236 26.4 20.5 30.7

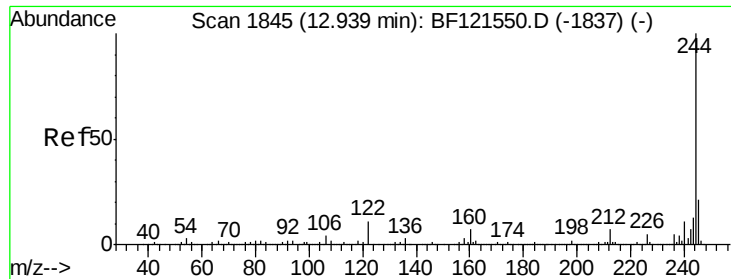


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.375 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

Instrument :

BNA\_F

ClientSampleId :

PB131616BL

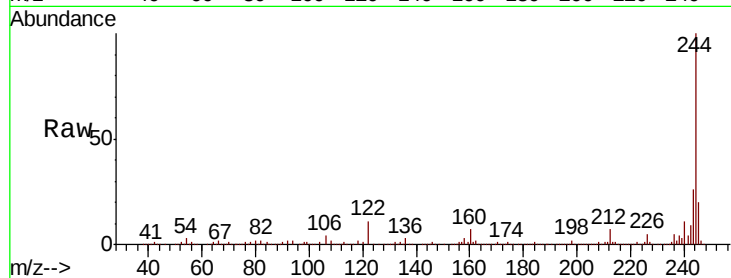
Tot Ion:244 Resp: 2182146

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

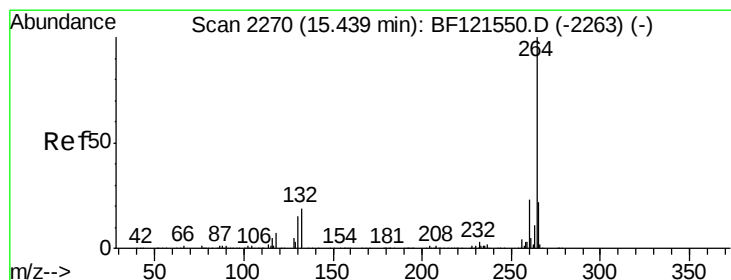
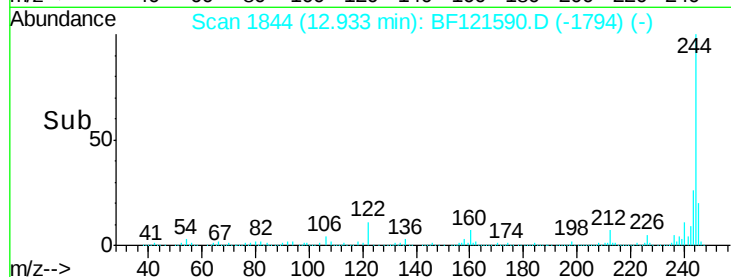
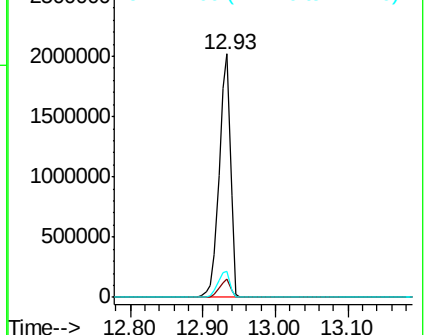
122 10.5 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

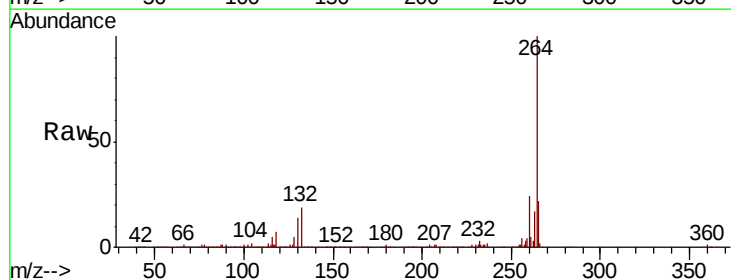
Tgt Ion:264 Resp: 678832

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.8 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

