

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\  
 Data File : BF109751.D  
 Acq On : 10 Oct 2018 19:20  
 Operator : JU/SJ  
 Sample : J5326-45  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FL-PH-3

Quant Time: Oct 11 06:08:11 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 08 16:02:11 2018  
 Response via : Initial Calibration

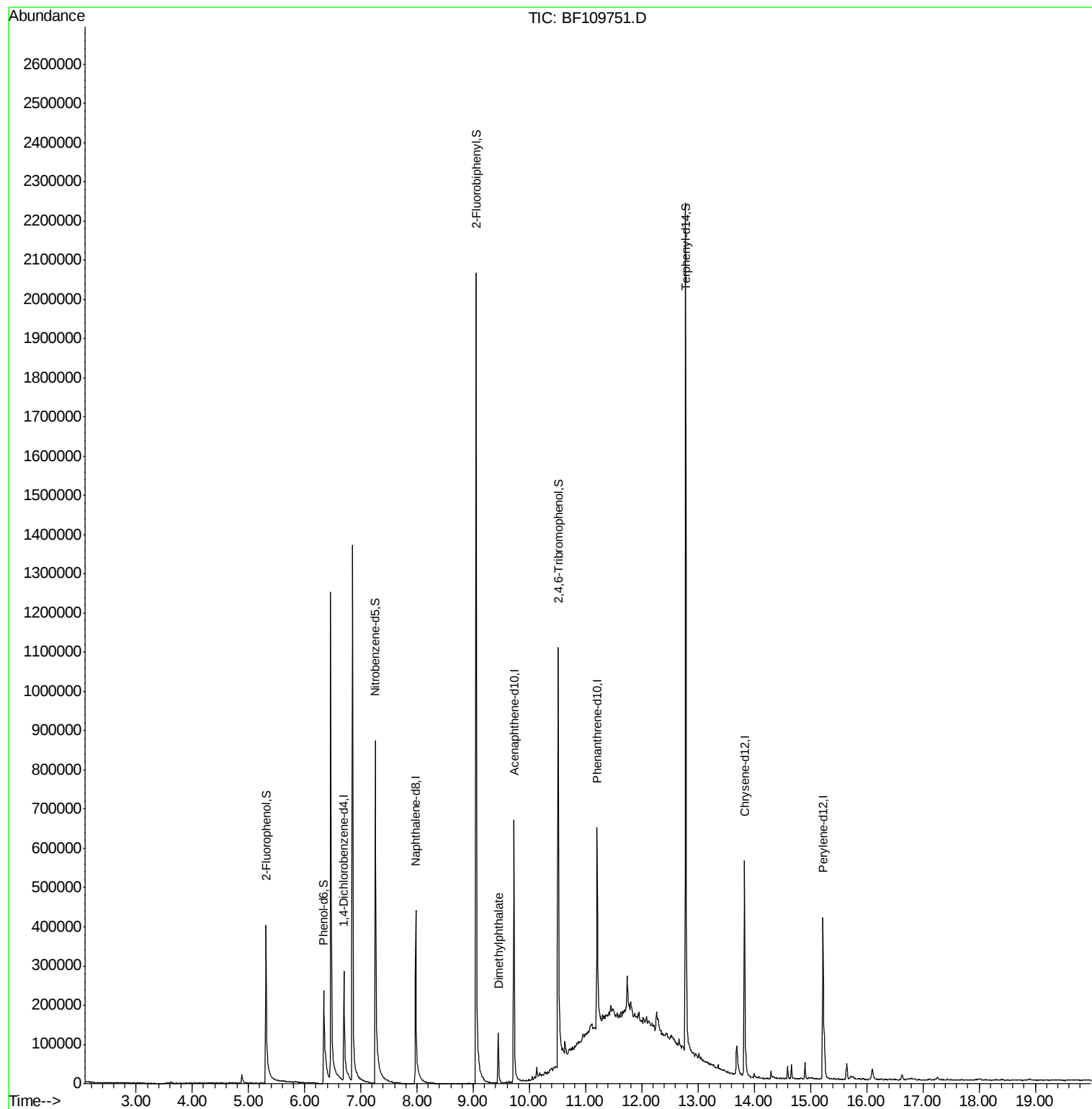
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 77822    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.97  | 136  | 337588   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 9.72  | 164  | 157039   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.20 | 188  | 301088   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12            | 13.83 | 240  | 242301   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.22 | 264  | 243712   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.31  | 112  | 199731   | 45.56  | ng    | -0.01     |
| 7) Phenol-d6                | 6.34  | 99   | 186971   | 31.92  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 463599   | 75.70  | ng    | -0.01     |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 177193   | 103.55 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 850415   | 74.58  | ng    | 0.00      |
| 78) Terphenyl-d14           | 12.78 | 244  | 795668   | 63.57  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 9.45  | 163  | 74264    | 6.448  | ng    | Qvalue 98 |

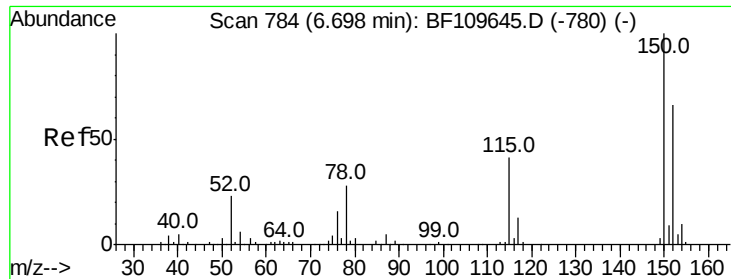
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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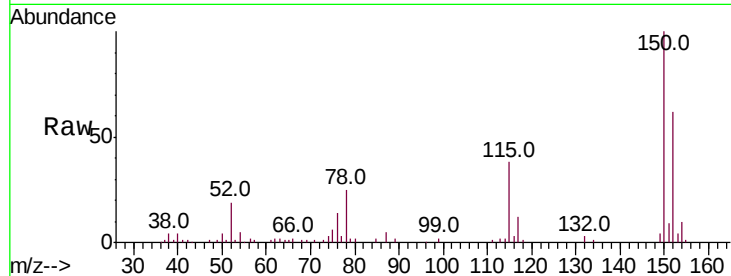


#1

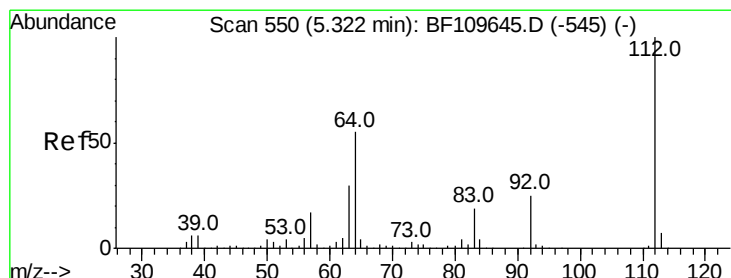
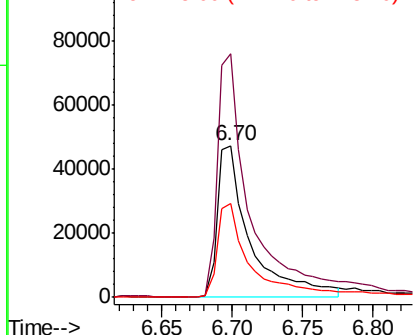
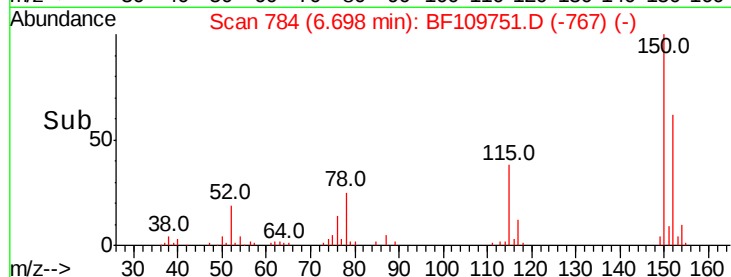
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.70 min Scan# 784  
 Delta R.T. 0.00 min  
 Lab File: BF109751.D  
 Acq: 10 Oct 2018 19:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FL-PH-3

Tot Ion:152 Resp: 77822  
 Ion Ratio Lower Upper  
 152 100  
 150 160.1 122.7 184.1  
 115 61.4 49.1 73.7



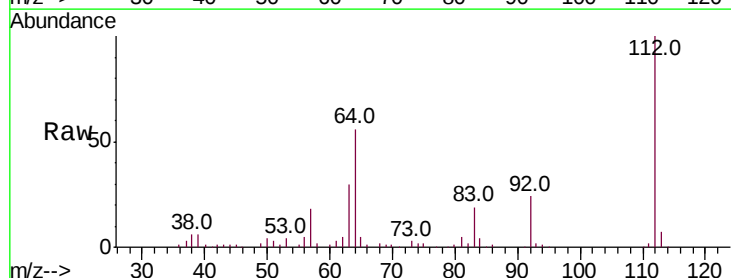
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



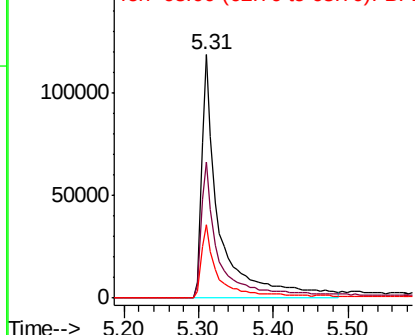
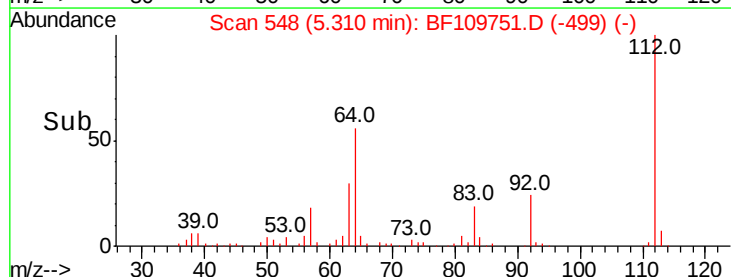
#5

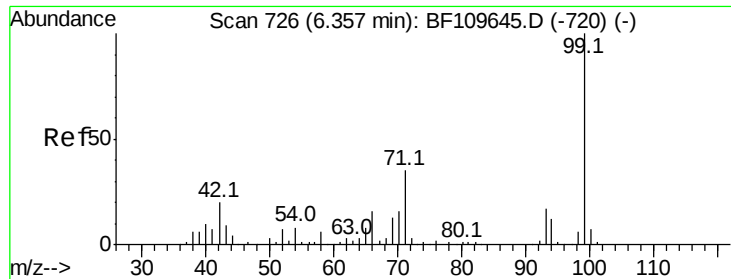
2-Fluorophenol  
 Concen: 45.556 ng  
 RT: 5.31 min Scan# 548  
 Delta R.T. -0.01 min  
 Lab File: BF109751.D  
 Acq: 10 Oct 2018 19:20

Tgt Ion:112 Resp: 199731  
 Ion Ratio Lower Upper  
 112 100  
 64 56.0 44.1 66.1  
 63 30.3 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: 31.923 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109751.D

Acq: 10 Oct 2018 19:20

Instrument :

BNA\_F

ClientSampled :

FL-PH-3

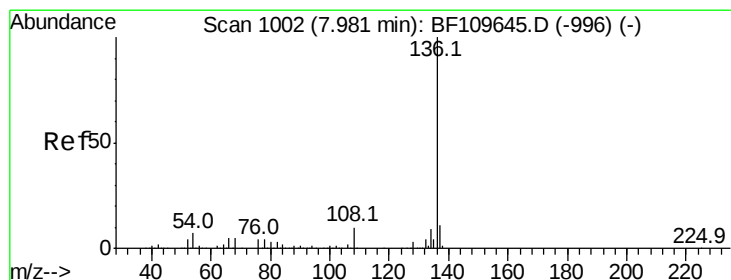
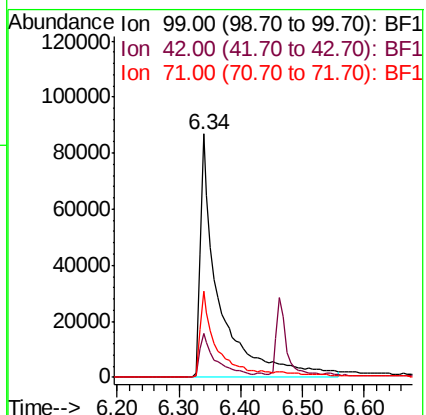
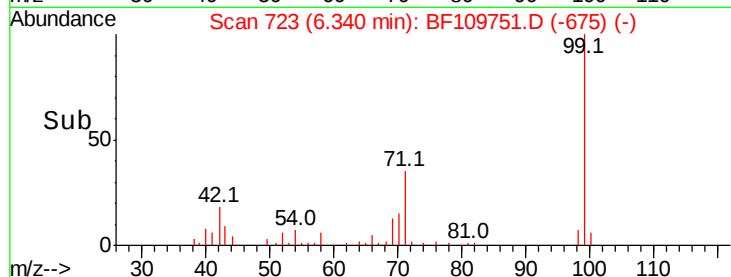
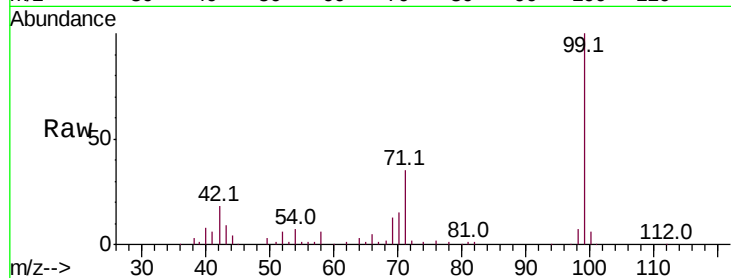
Tot Ion: 99 Resp: 186971

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

71 35.2 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109751.D

Acq: 10 Oct 2018 19:20

Tgt Ion: 136 Resp: 337588

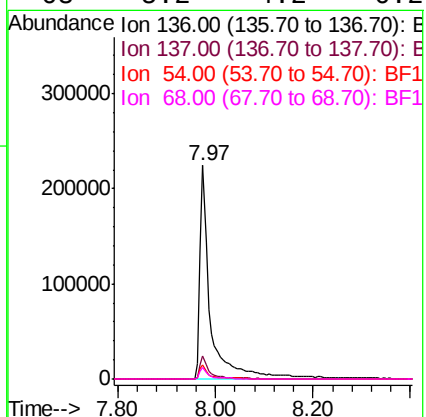
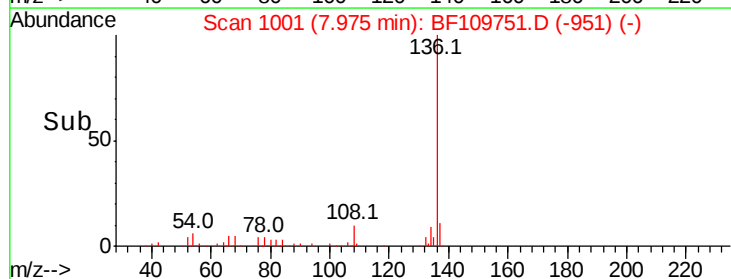
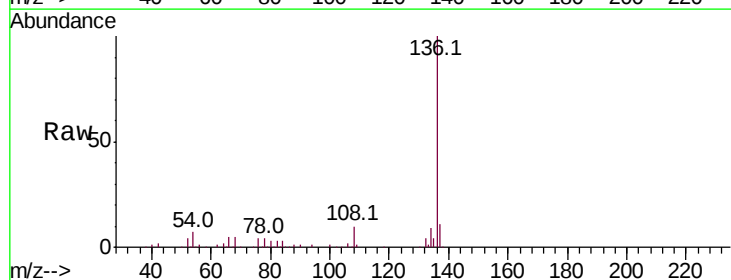
Ion Ratio Lower Upper

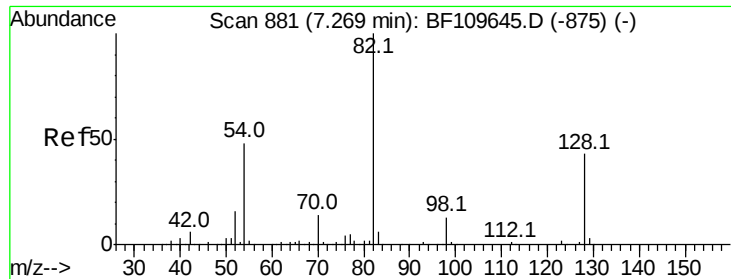
136 100

137 10.6 8.8 13.2

54 6.6 5.4 8.2

68 5.2 4.2 6.2

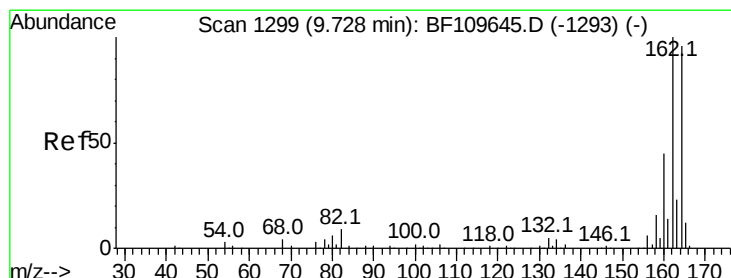
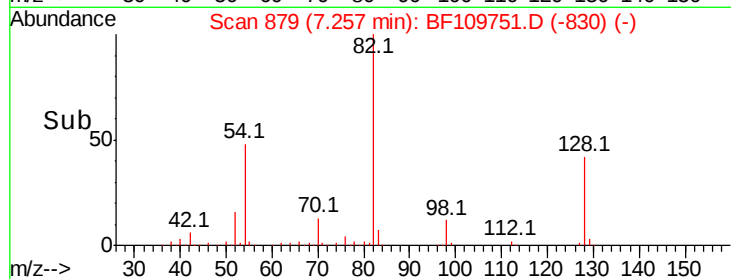
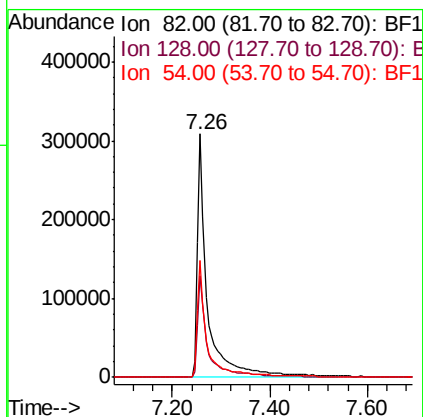
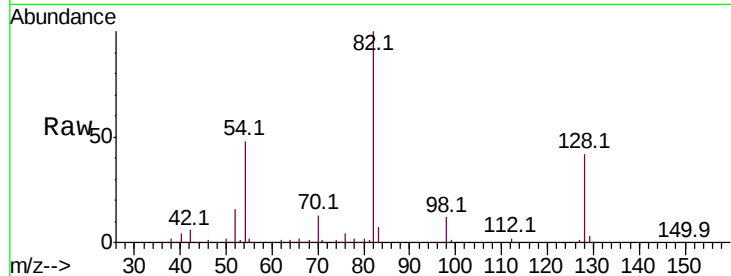




#23  
 Nitrobenzene-d5  
 Concen: 75.699 ng  
 RT: 7.26 min Scan# 879  
 Delta R.T. -0.01 min  
 Lab File: BF109751.D  
 Acq: 10 Oct 2018 19:20

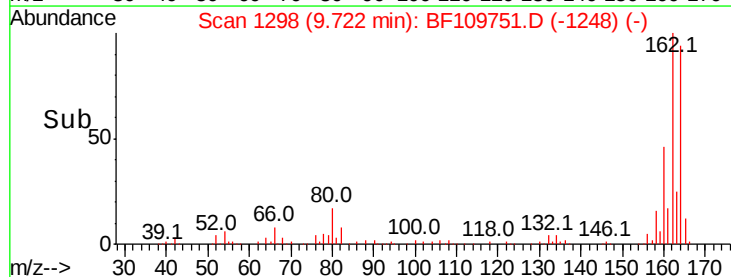
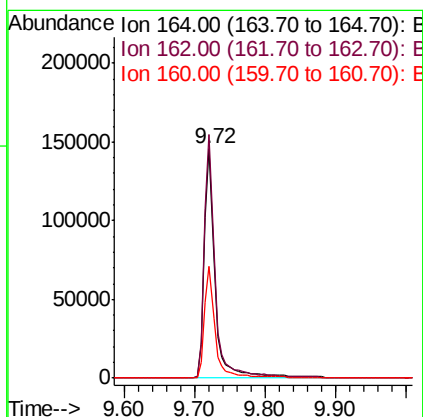
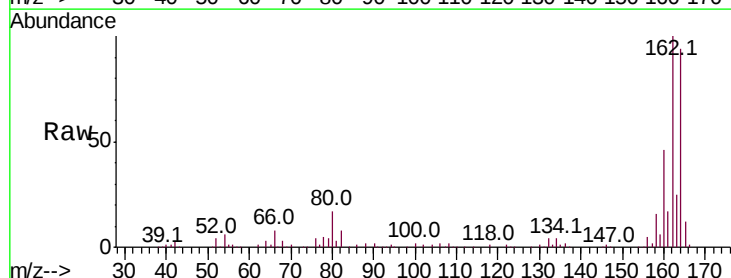
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FL-PH-3

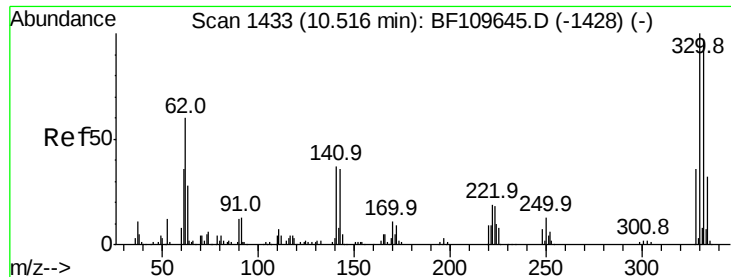
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.9  | 34.2  | 51.2  |
| 54      | 48.1  | 38.6  | 58.0  |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. -0.01 min  
 Lab File: BF109751.D  
 Acq: 10 Oct 2018 19:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.3 | 83.0  | 124.6 |
| 160     | 48.9  | 37.0  | 55.6  |





#41

2,4,6-Tribromophenol

Concen: 103.554 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109751.D

Acq: 10 Oct 2018 19:20

Instrument :

BNA\_F

ClientSampleId :

FL-PH-3

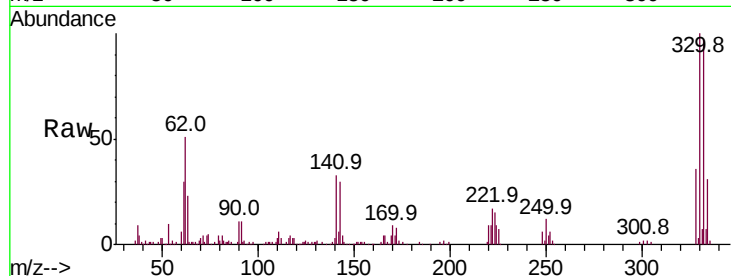
Tot Ion:330 Resp: 177193

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

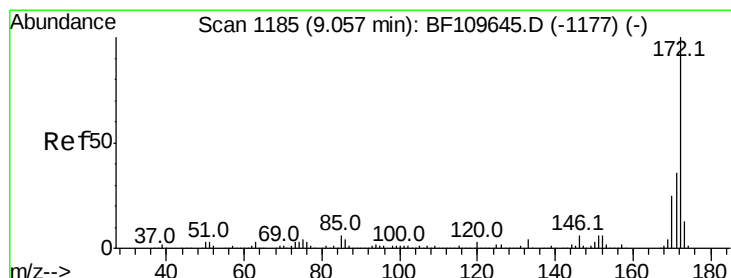
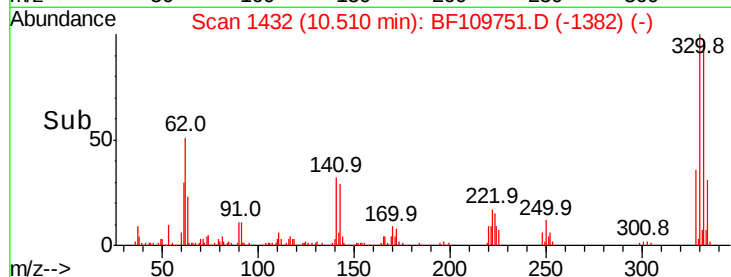
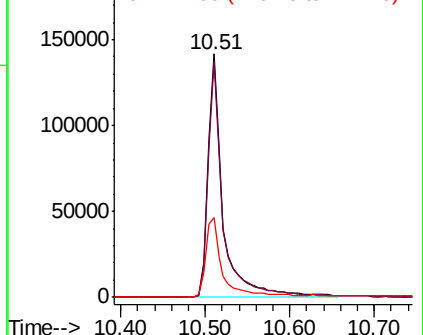
141 34.9 27.0 40.4



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



#44

2-Fluorobiphenyl

Concen: 74.583 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF109751.D

Acq: 10 Oct 2018 19:20

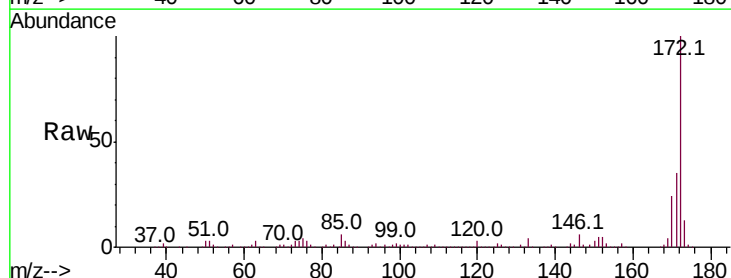
Tgt Ion:172 Resp: 850415

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

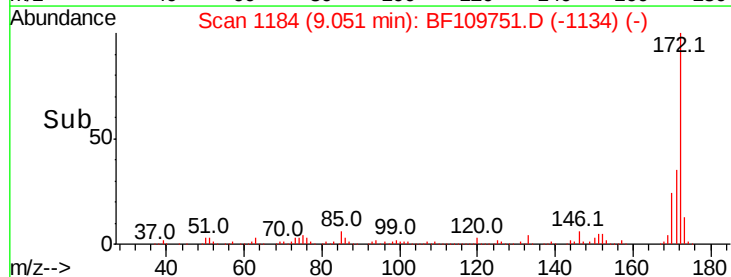
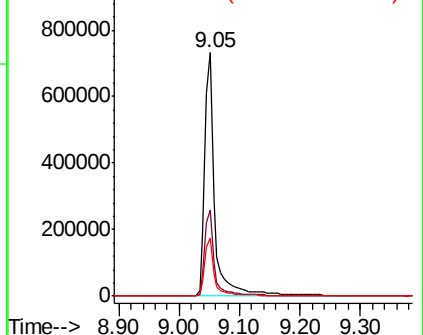
170 24.1 19.7 29.5

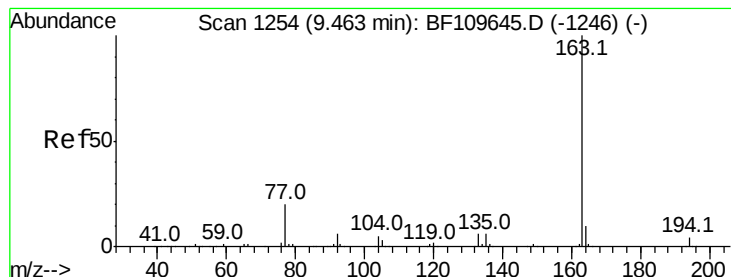


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.448 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109751.D

Acq: 10 Oct 2018 19:20

Instrument :

BNA\_F

ClientSampleId :

FL-PH-3

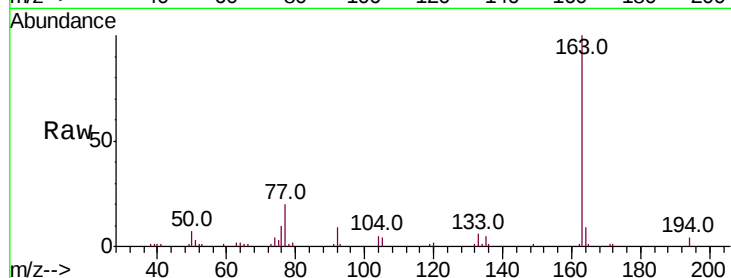
Tot Ion:163 Resp: 74264

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

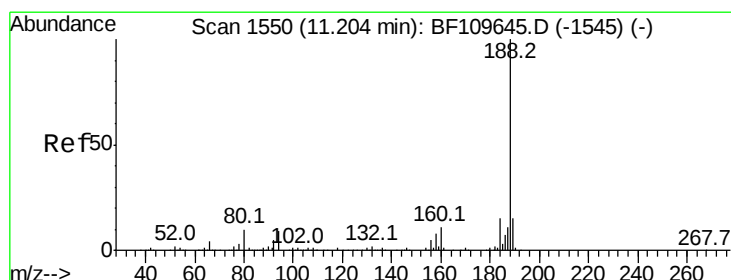
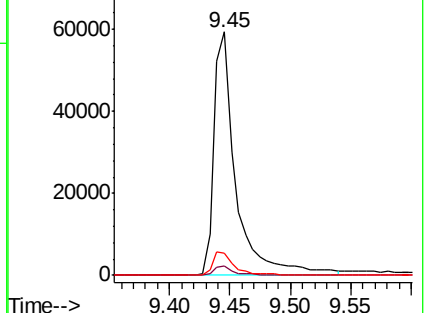
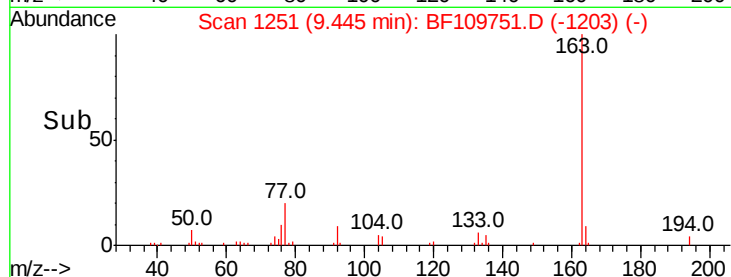
164 9.2 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF109751.D

Acq: 10 Oct 2018 19:20

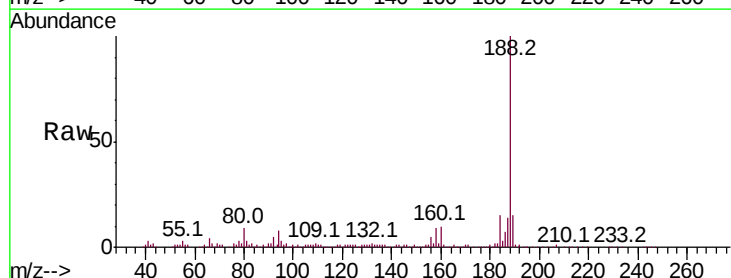
Tgt Ion:188 Resp: 301088

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

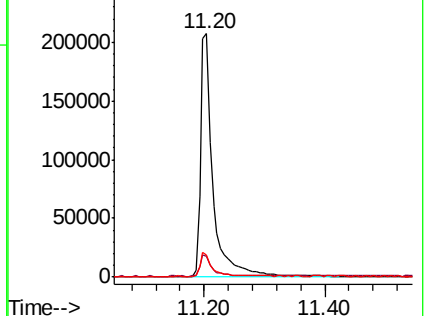
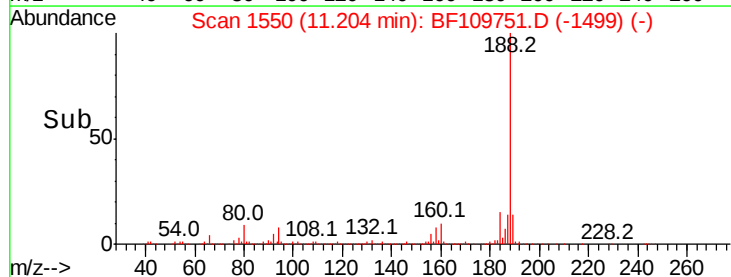
80 9.2 7.9 11.9

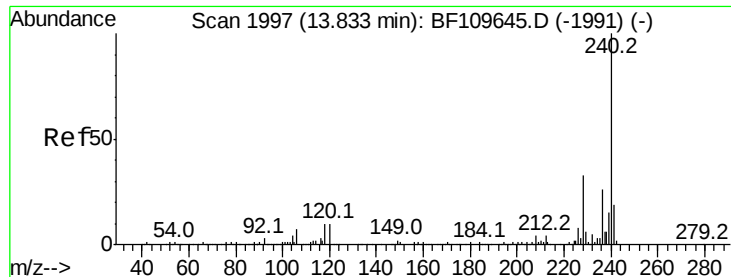


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109751.D

Acq: 10 Oct 2018 19:20

Instrument :

BNA\_F

ClientSampled :

FL-PH-3

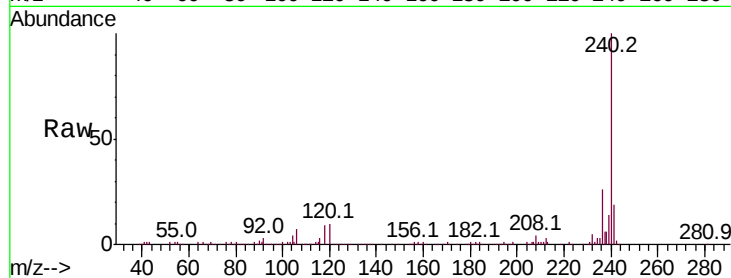
Tot Ion:240 Resp: 242301

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

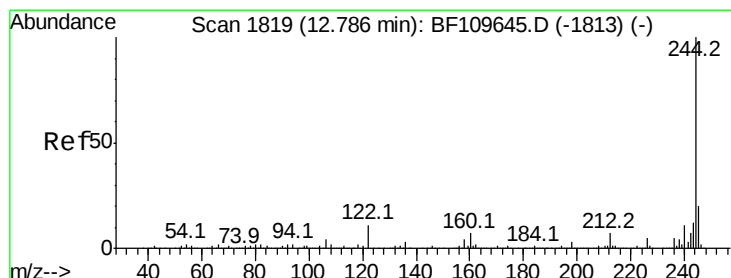
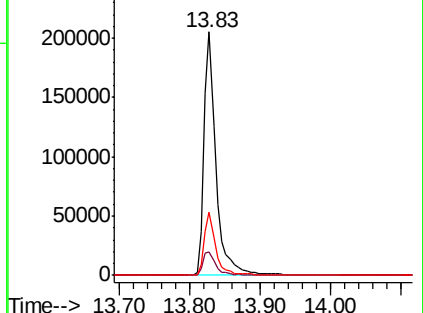
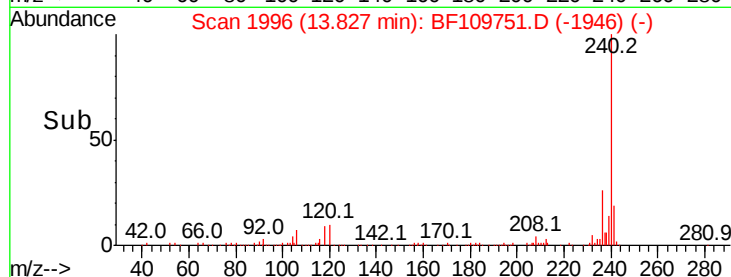
236 25.7 21.2 31.8



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



#78

Terphenyl-d14

Concen: 63.569 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109751.D

Acq: 10 Oct 2018 19:20

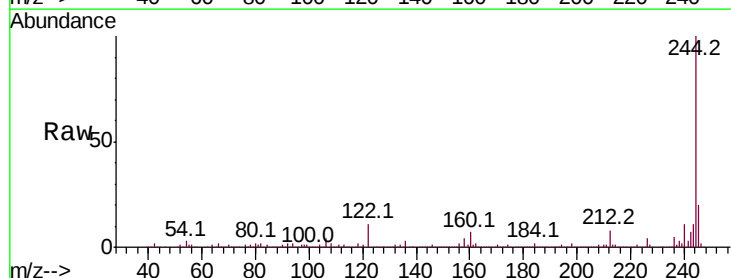
Tgt Ion:244 Resp: 795668

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

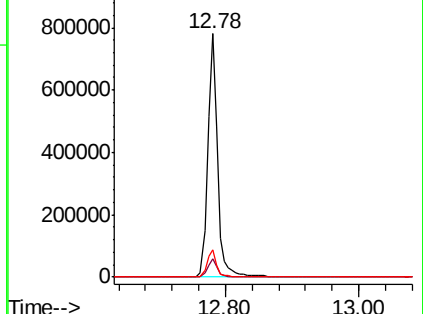
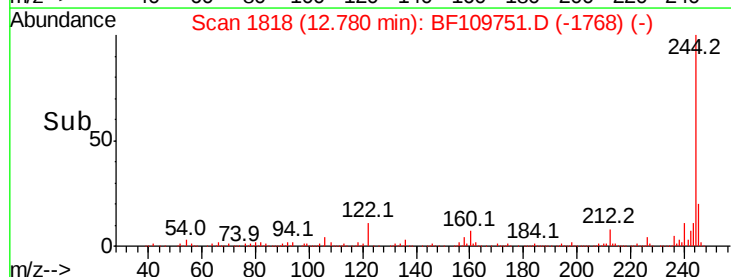
122 11.0 8.7 13.1

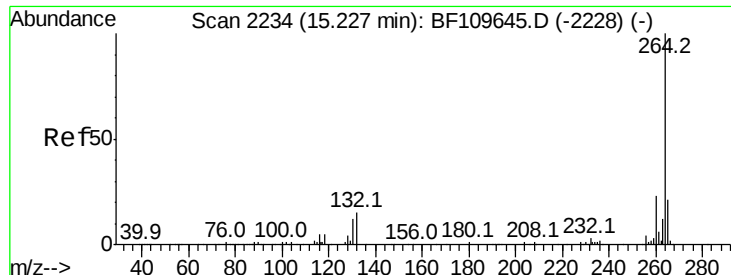


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.22 min Scan# 2233  
 Delta R.T. -0.01 min  
 Lab File: BF109751.D  
 Acq: 10 Oct 2018 19:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FL-PH-3

Tot Ion:264 Resp: 243712  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.7 28.1  
 265 21.2 16.7 25.1

