

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\  
 Data File : BF109714.D  
 Acq On : 10 Oct 2018 00:11  
 Operator : JU/SJ  
 Sample : J5326-33  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FL-PH-2-STONE

Quant Time: Oct 10 05:03:30 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

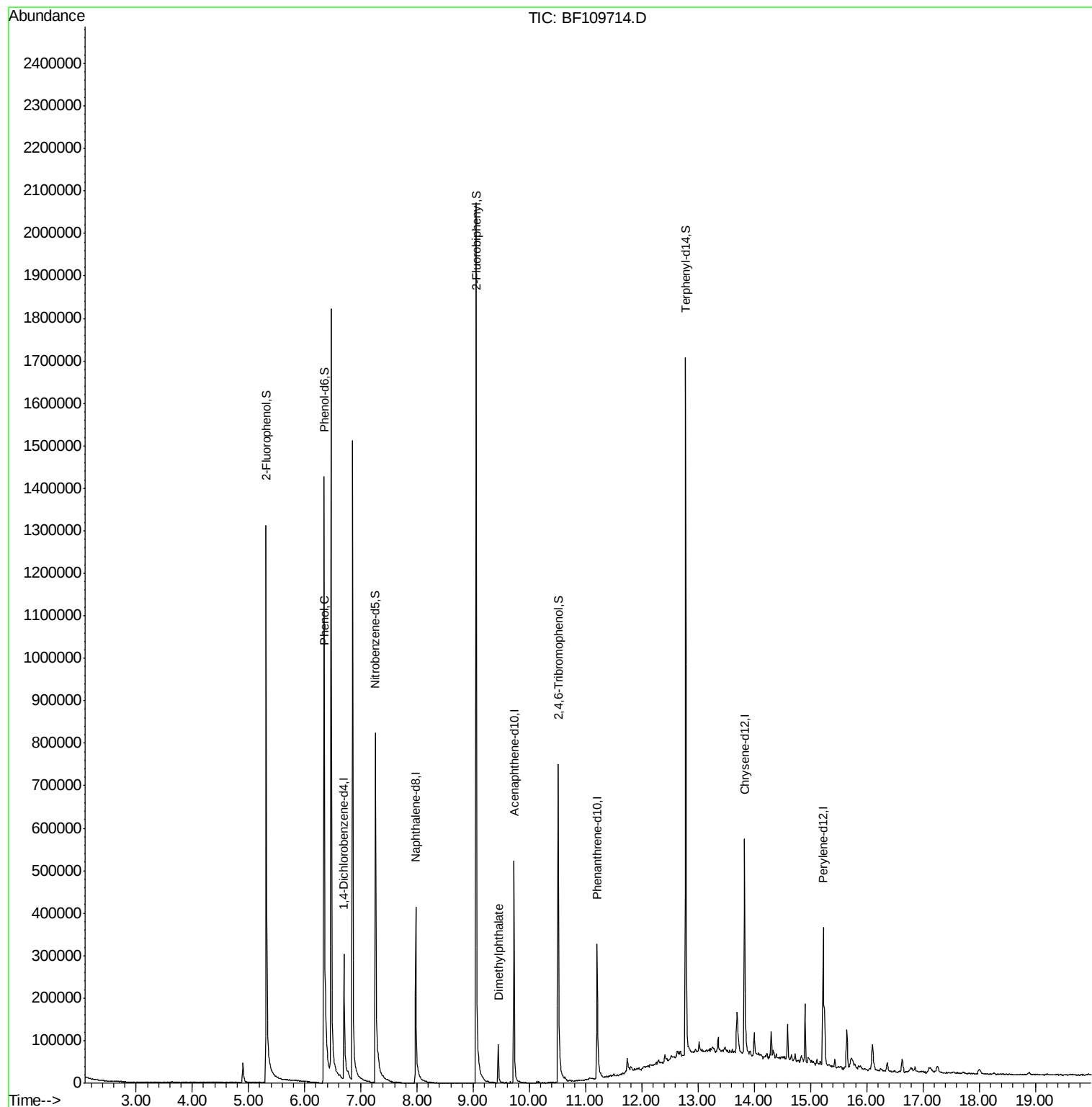
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 75773    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.97  | 136  | 292336   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.72  | 164  | 116922   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.20 | 188  | 186441   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.83 | 240  | 196932   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.23 | 264  | 182438   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.32  | 112  | 504259   | 118.13 | ng    | 0.00     |
| 7) Phenol-d6                | 6.35  | 99   | 699885   | 122.73 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 453769   | 85.56  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 129191   | 101.41 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 778303   | 91.68  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.78 | 244  | 610694   | 60.03  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.36  | 94   | 21787    | 3.332  | ng    | 87       |
| 49) Dimethylphthalate       | 9.45  | 163  | 54868    | 6.399  | ng    | 100      |

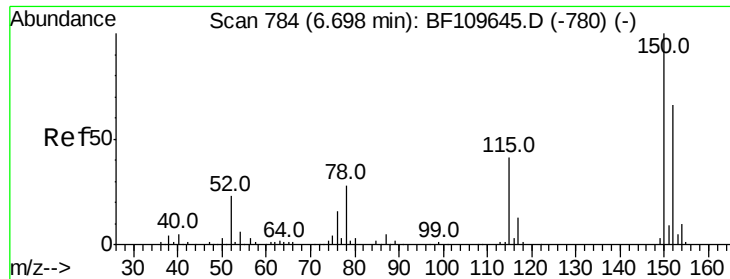
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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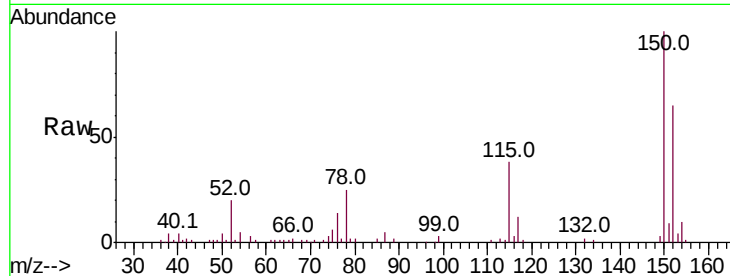


#1

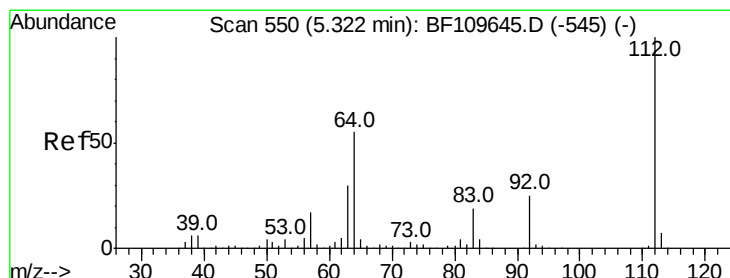
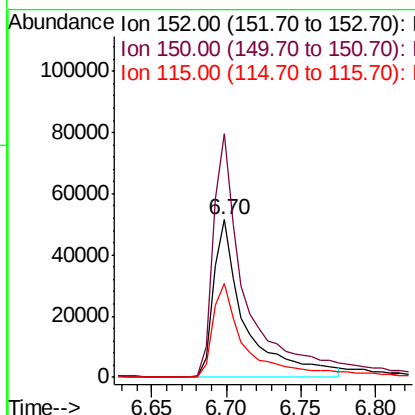
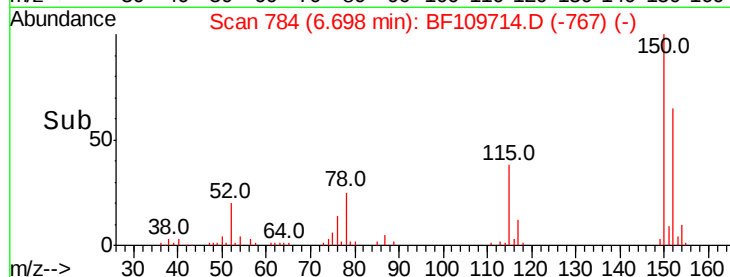
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 784  
Delta R.T. 0.00 min  
Lab File: BF109714.D  
Acq: 10 Oct 2018 00:11

Instrument :  
BNA\_F  
ClientSampleId :  
FL-PH-2-STONE

Tot Ion:152 Resp: 75773  
Ion Ratio Lower Upper  
152 100  
150 154.5 122.7 184.1  
115 59.5 49.1 73.7



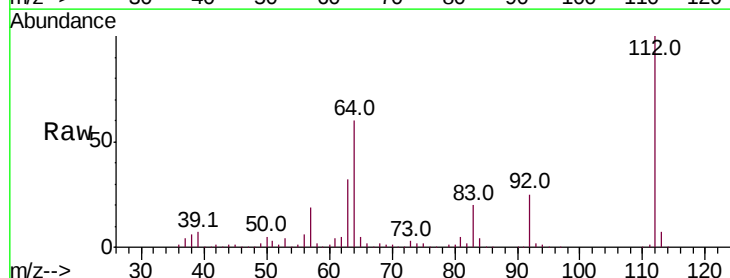
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



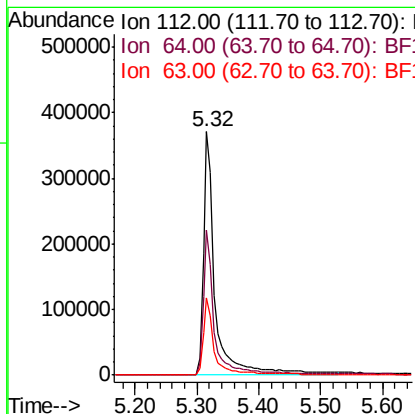
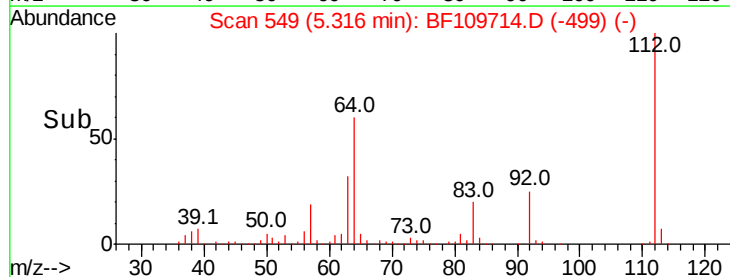
#5

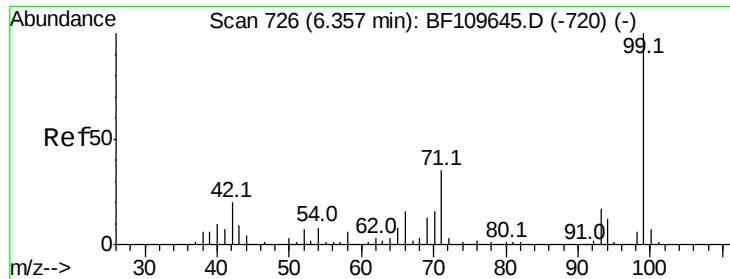
2-Fluorophenol  
Concen: 118.126 ng  
RT: 5.32 min Scan# 549  
Delta R.T. -0.00 min  
Lab File: BF109714.D  
Acq: 10 Oct 2018 00:11

Tgt Ion:112 Resp: 504259  
Ion Ratio Lower Upper  
112 100  
64 59.7 44.1 66.1  
63 32.0 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: 122.729 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109714.D

Acq: 10 Oct 2018 00:11

Instrument :

BNA\_F

ClientSampleId :

FL-PH-2-STONE

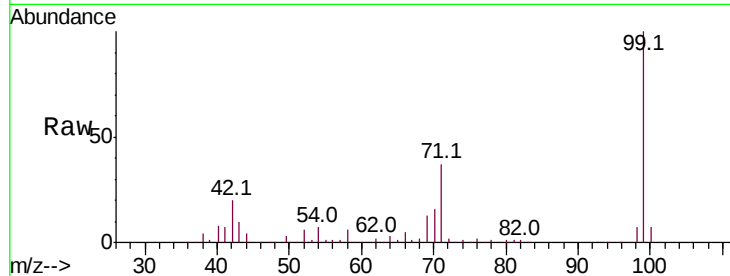
Tot Ion: 99 Resp: 699885

Ion Ratio Lower Upper

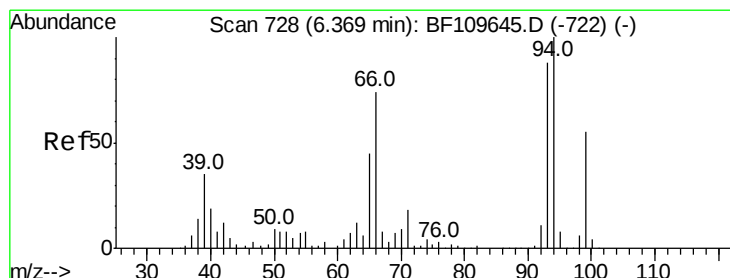
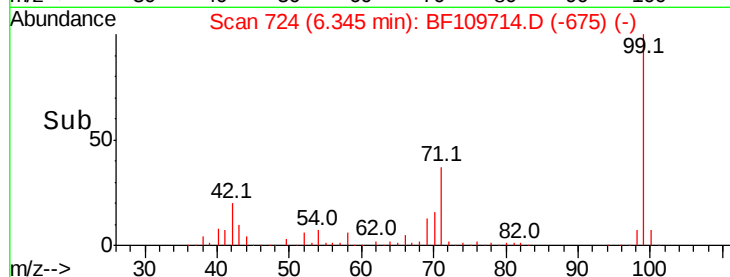
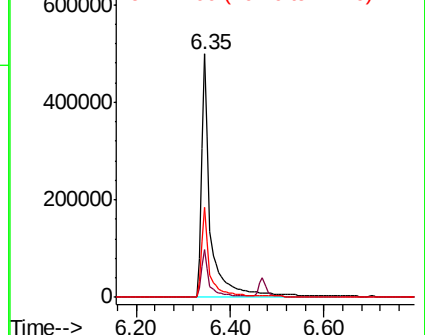
99 100

42 19.5 15.8 23.6

71 37.0 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: 3.332 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109714.D

Acq: 10 Oct 2018 00:11

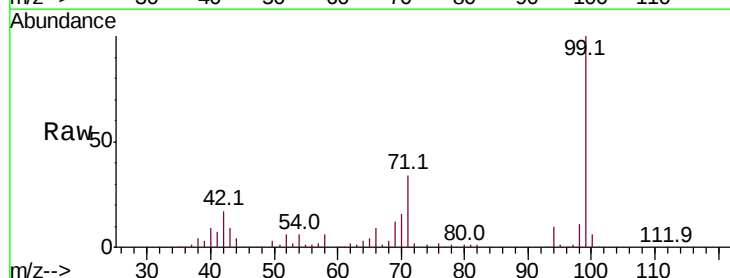
Tgt Ion: 94 Resp: 21787

Ion Ratio Lower Upper

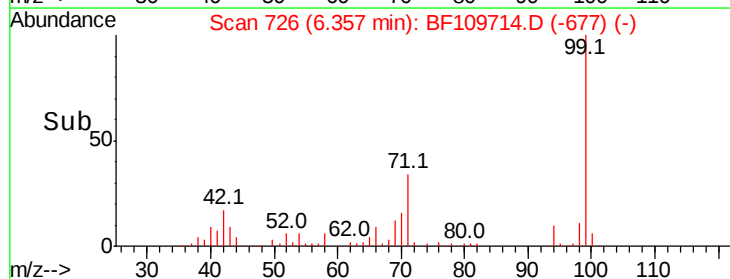
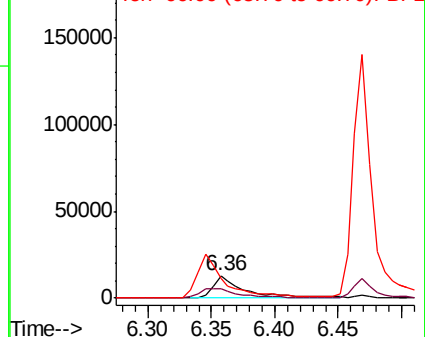
94 100

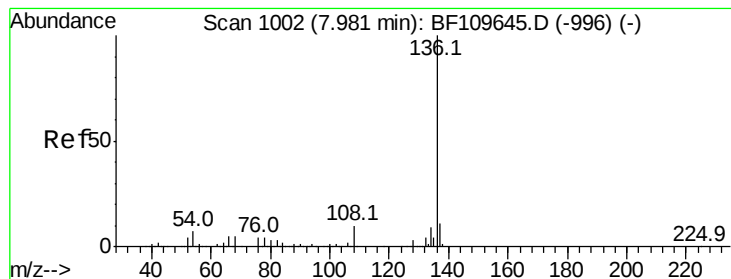
65 40.2 25.3 65.3

66 88.1 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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109714.D

Acq: 10 Oct 2018 00:11

Instrument :

BNA\_F

ClientSampleId :

FL-PH-2-STONE

Tot Ion:136 Resp: 292336

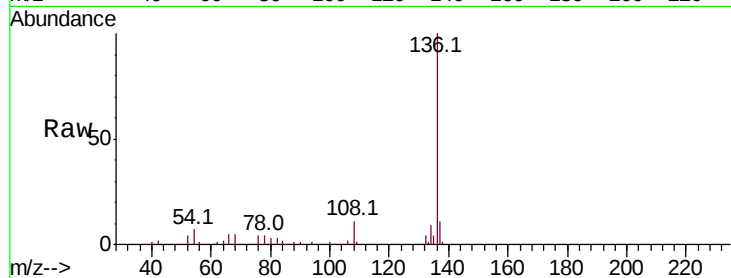
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.4 5.4 8.2

68 5.1 4.2 6.2

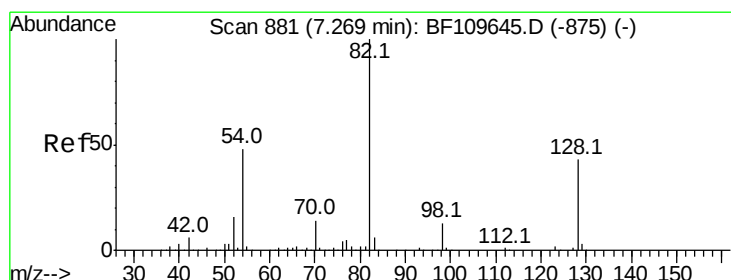
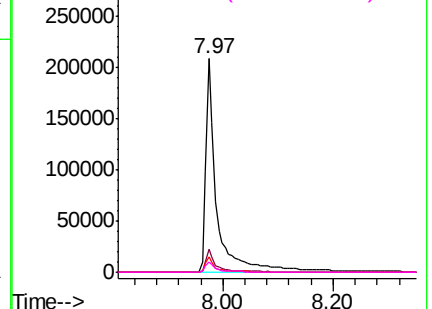
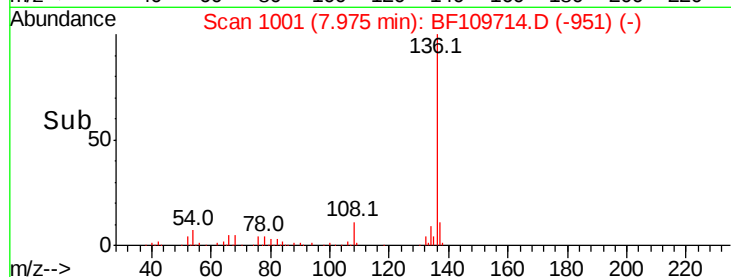


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.564 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109714.D

Acq: 10 Oct 2018 00:11

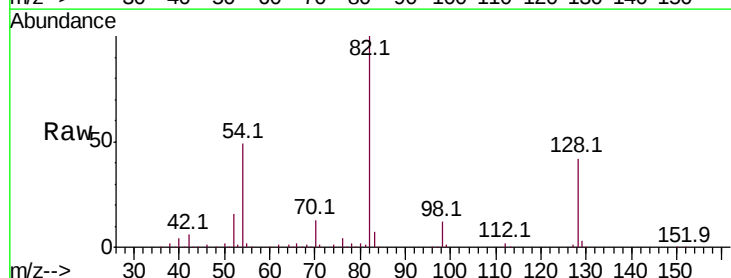
Tgt Ion: 82 Resp: 453769

Ion Ratio Lower Upper

82 100

128 41.8 34.2 51.2

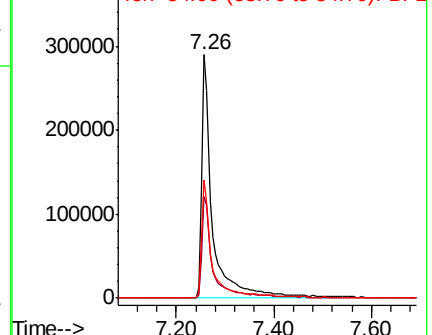
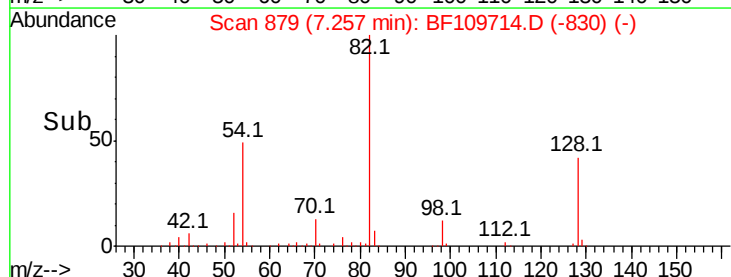
54 48.8 38.6 58.0

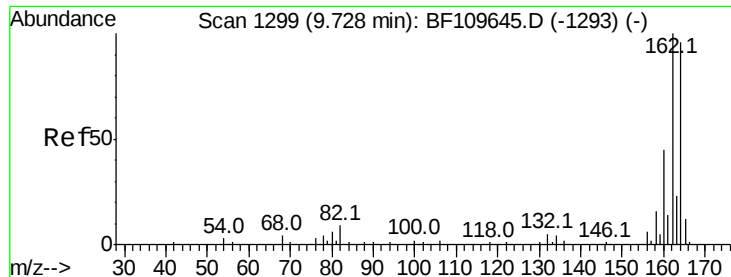


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

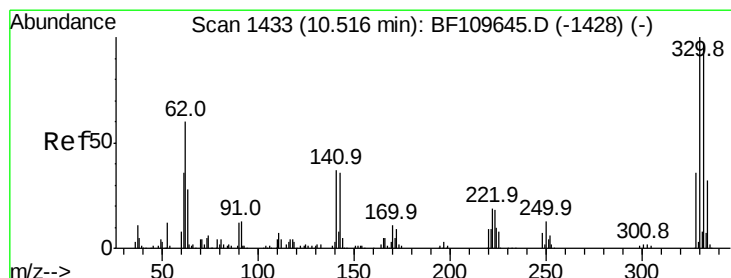
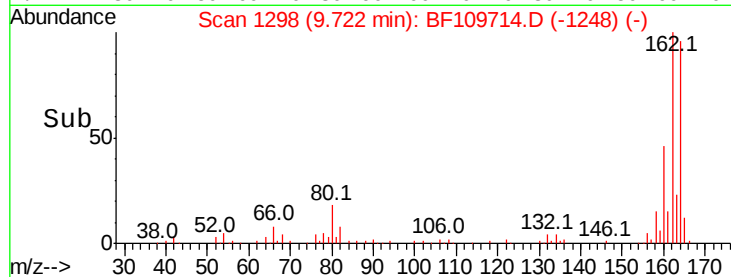
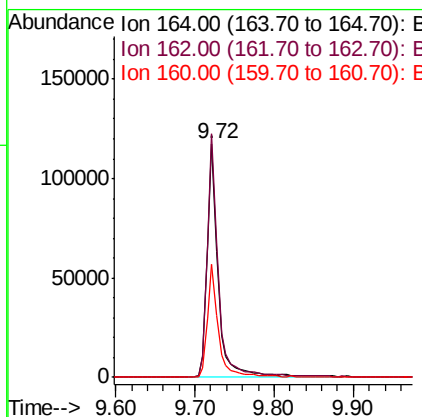
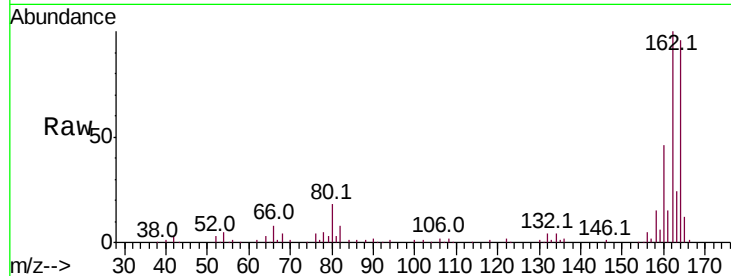




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. -0.01 min  
 Lab File: BF109714.D  
 Acq: 10 Oct 2018 00:11

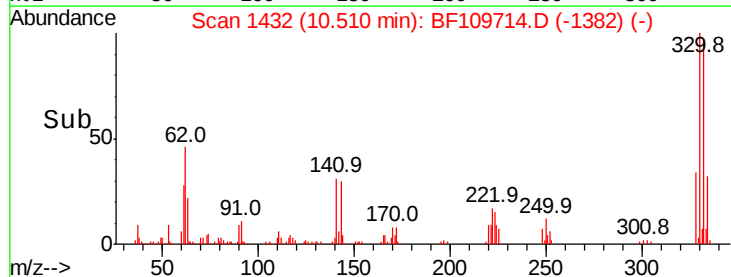
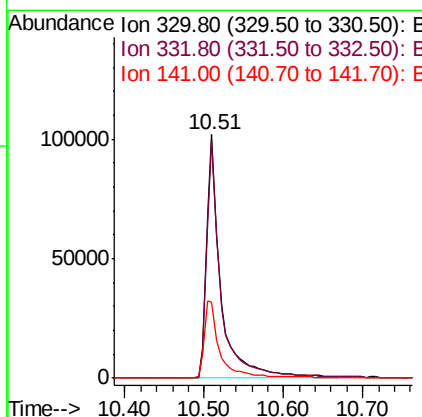
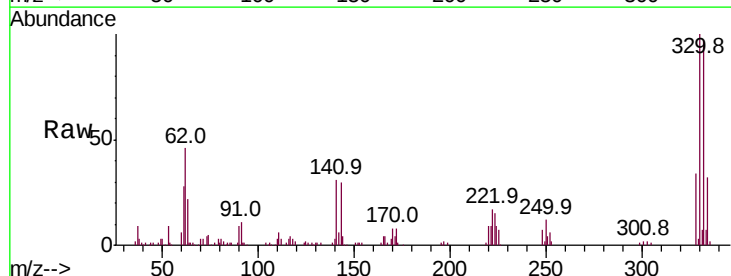
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FL-PH-2-STONE

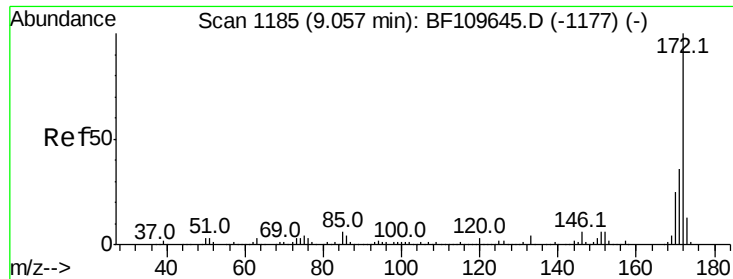
Tot Ion:164 Resp: 116922  
 Ion Ratio Lower Upper  
 164 100  
 162 104.1 83.0 124.6  
 160 48.2 37.0 55.6



#41  
 2,4,6-Tribromophenol  
 Concen: 101.406 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BF109714.D  
 Acq: 10 Oct 2018 00:11

Tgt Ion:330 Resp: 129191  
 Ion Ratio Lower Upper  
 330 100  
 332 98.5 77.1 115.7  
 141 35.7 27.0 40.4



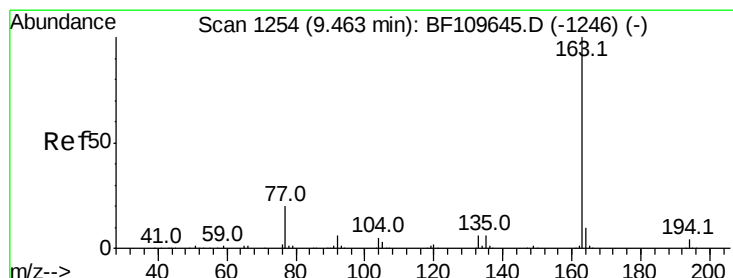
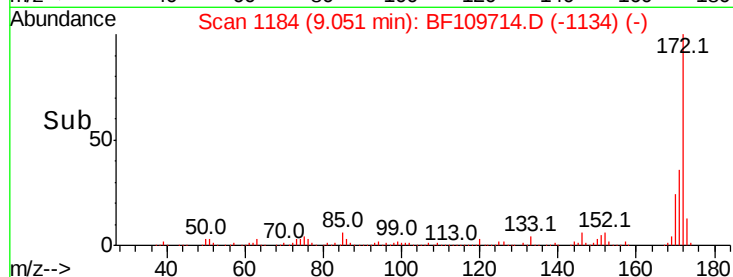
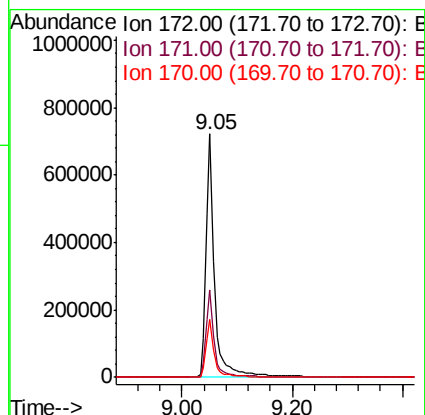
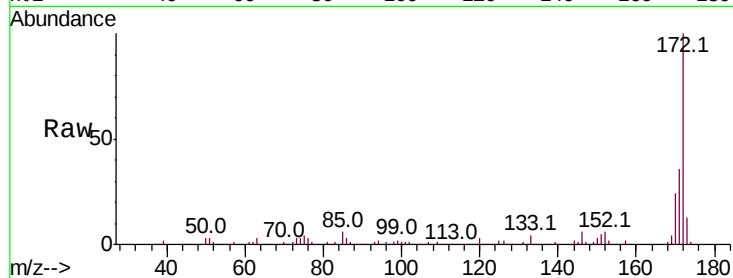


#44  
 2-Fluorobiphenyl  
 Concen: 91.678 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. -0.01 min  
 Lab File: BF109714.D  
 Acq: 10 Oct 2018 00:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FL-PH-2-STONE

Tot Ion:172 Resp: 778303  

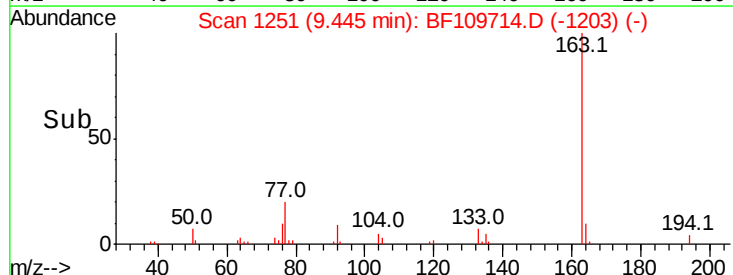
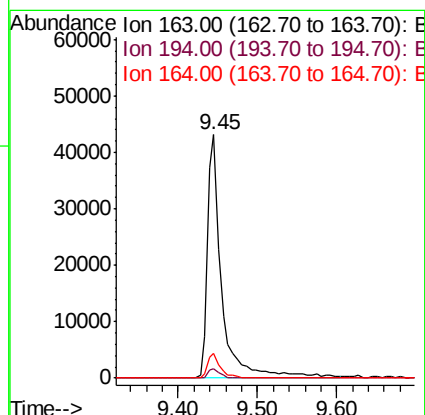
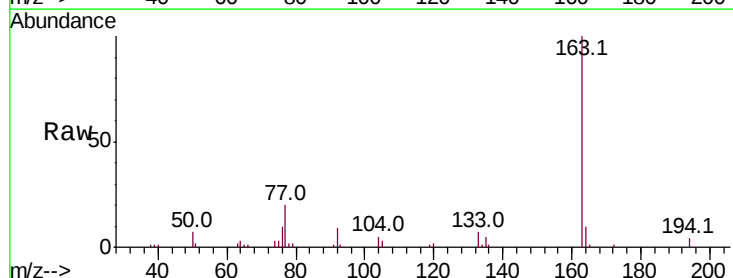
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.9  | 28.6  | 43.0  |
| 170 | 23.9  | 19.7  | 29.5  |

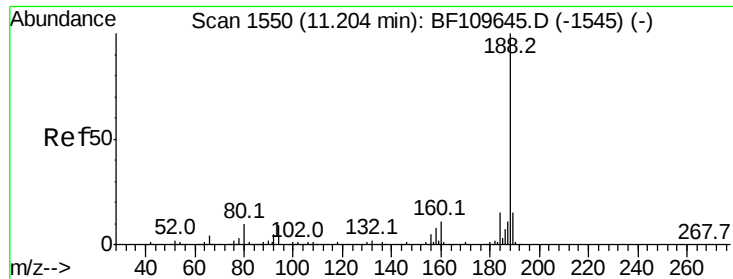


#49  
 Dimethylphthalate  
 Concen: 6.399 ng  
 RT: 9.45 min Scan# 1251  
 Delta R.T. -0.02 min  
 Lab File: BF109714.D  
 Acq: 10 Oct 2018 00:11

Tgt Ion:163 Resp: 54868  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.0   | 3.2   | 4.8   |
| 164 | 10.0  | 8.1   | 12.1  |

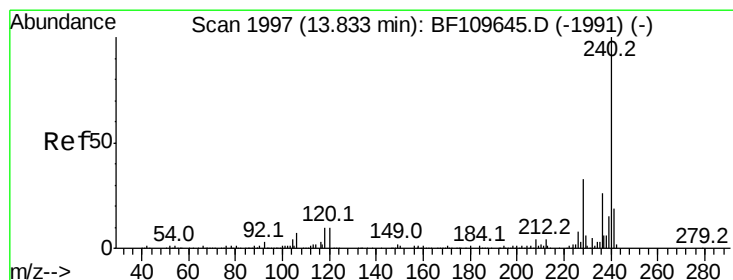
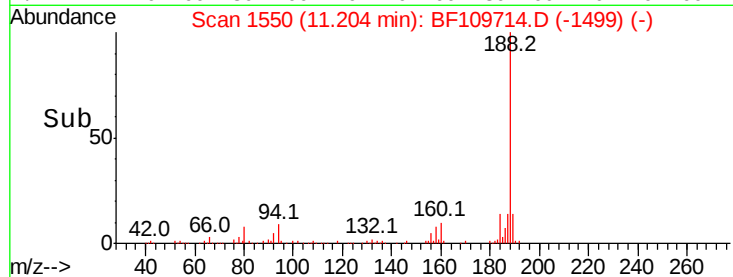
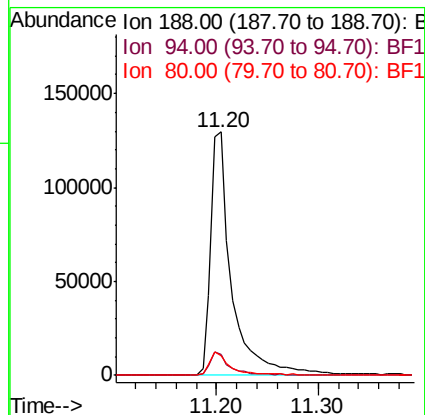
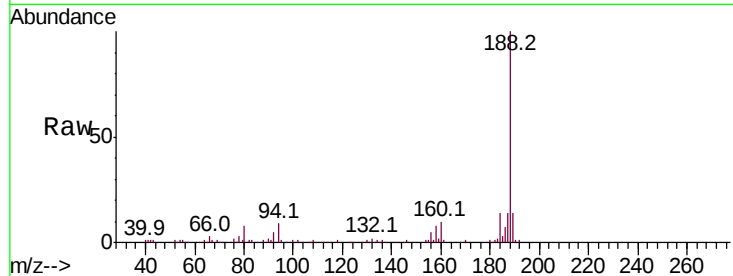




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.20 min Scan# 1550  
Delta R.T. 0.00 min  
Lab File: BF109714.D  
Acq: 10 Oct 2018 00:11

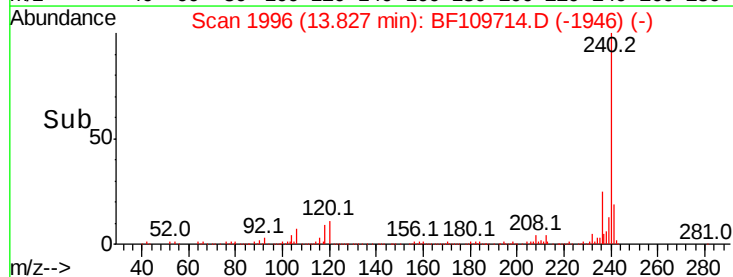
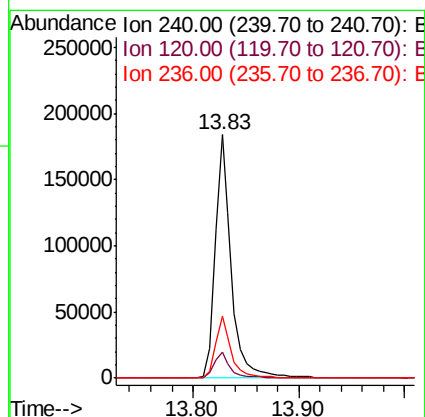
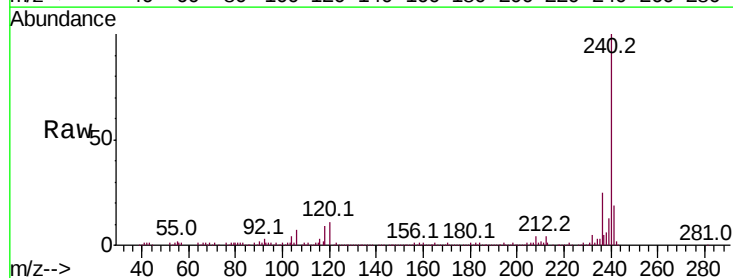
Instrument :  
BNA\_F  
ClientSampleId :  
FL-PH-2-STONE

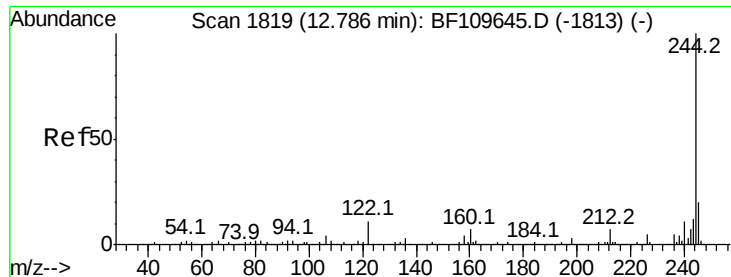
Tot Ion:188 Resp: 186441  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.2 10.8  
80 8.1 7.9 11.9



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.83 min Scan# 1996  
Delta R.T. -0.01 min  
Lab File: BF109714.D  
Acq: 10 Oct 2018 00:11

Tgt Ion:240 Resp: 196932  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.3 12.5  
236 25.4 21.2 31.8





#78

Terphenyl-d14

Concen: 60.031 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109714.D

Acq: 10 Oct 2018 00:11

Instrument :

BNA\_F

ClientSampleId :

FL-PH-2-STONE

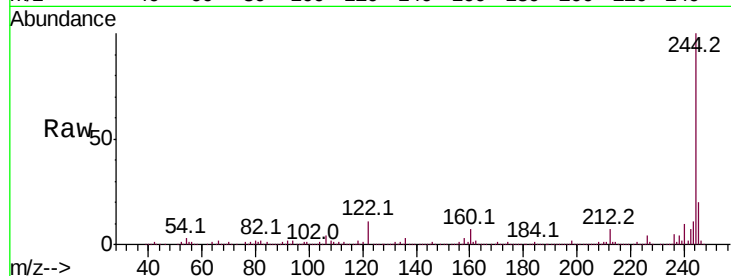
Tot Ion:244 Resp: 610694

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

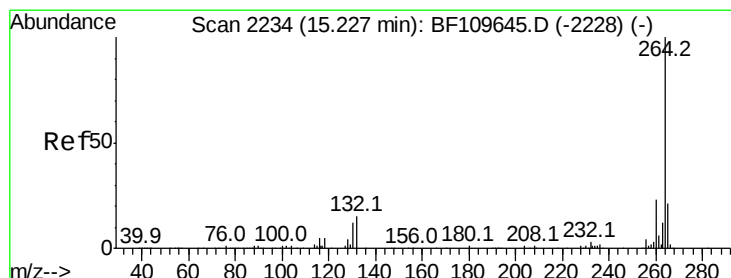
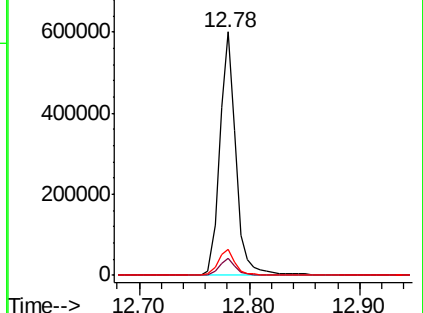
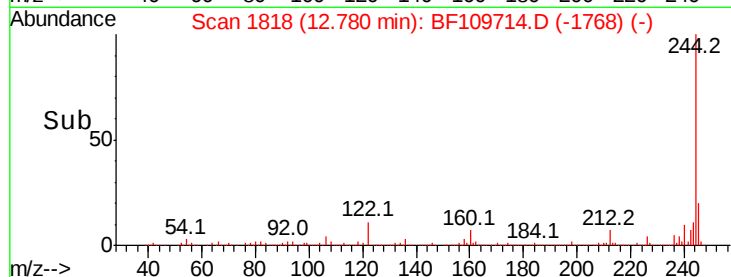
122 10.9 8.7 13.1



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: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF109714.D

Acq: 10 Oct 2018 00:11

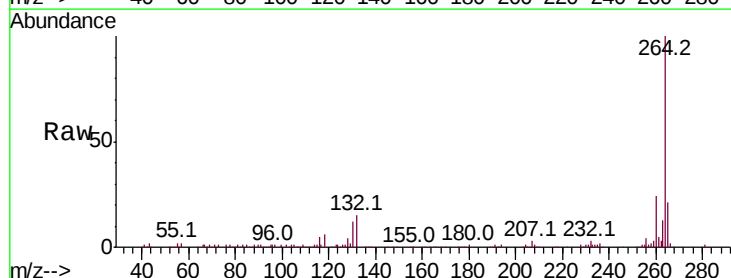
Tgt Ion:264 Resp: 182438

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.2 16.7 25.1



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

