

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\  
 Data File : BF109722.D  
 Acq On : 10 Oct 2018 3:56  
 Operator : JU/SJ  
 Sample : J5326-25  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FL-PIT-7

Quant Time: Oct 10 05:18:32 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

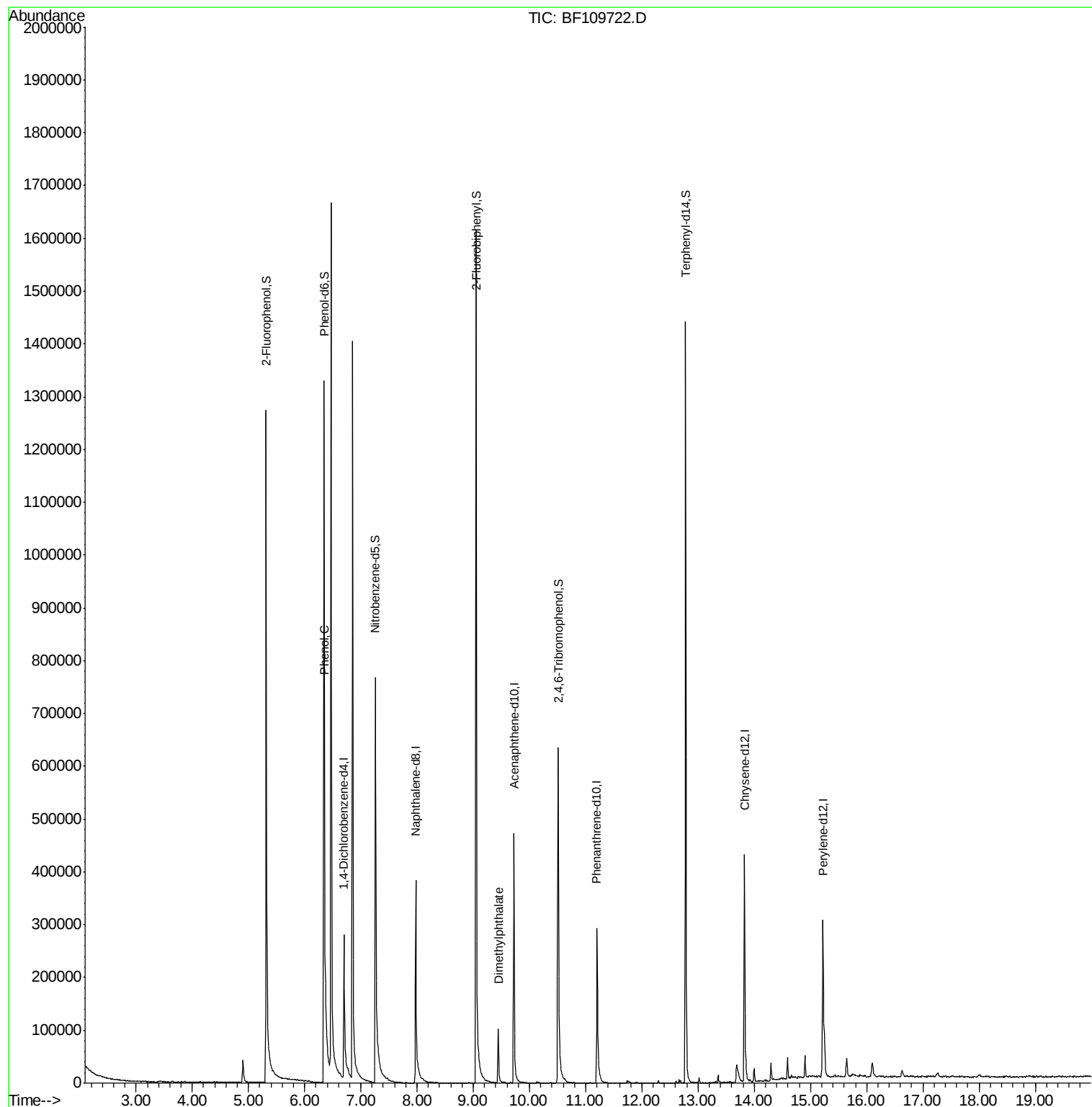
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 70890    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.97  | 136  | 276999   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.72  | 164  | 112502   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.20 | 188  | 190224   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.83 | 240  | 200611   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.22 | 264  | 171643   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.32  | 112  | 474312   | 118.76 | ng    | 0.00     |
| 7) Phenol-d6                | 6.35  | 99   | 670700   | 125.71 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 417049   | 82.99  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 120453   | 98.26  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 680061   | 83.25  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.78 | 244  | 557334   | 53.78  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.36  | 94   | 22618    | 3.697  | ng    | 91       |
| 49) Dimethylphthalate       | 9.45  | 163  | 64480    | 7.815  | ng    | 100      |

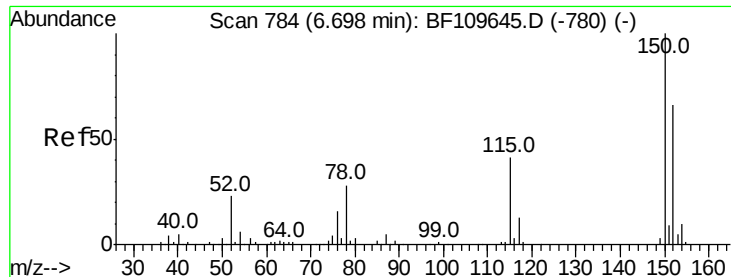
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\  
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Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
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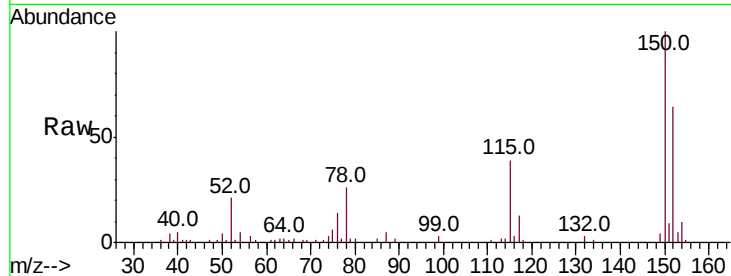


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.70 min Scan# 784  
 Delta R.T. -0.00 min  
 Lab File: BF109722.D  
 Acq: 10 Oct 2018 3:56

Instrument :  
 BNA\_F  
 ClientSampled :  
 FL-PIT-7

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.8 | 122.7 | 184.1 |
| 115     | 60.8  | 49.1  | 73.7  |

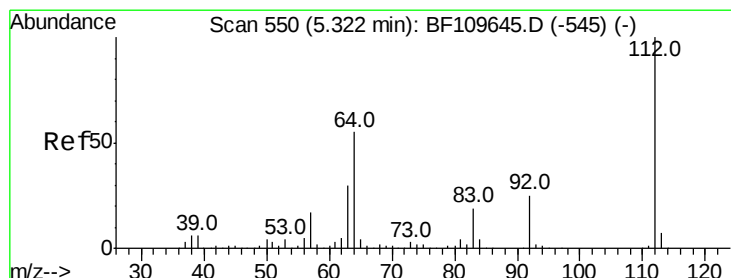
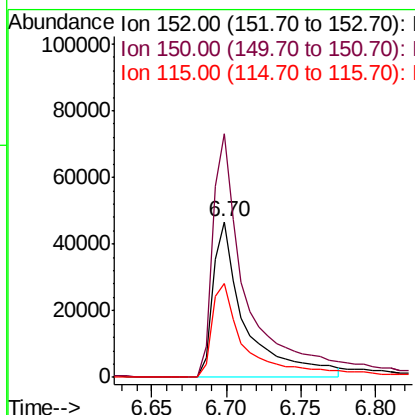
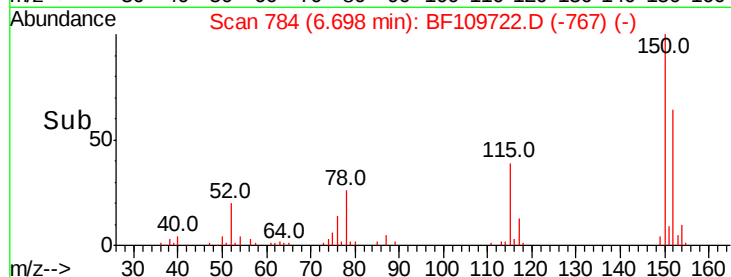


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

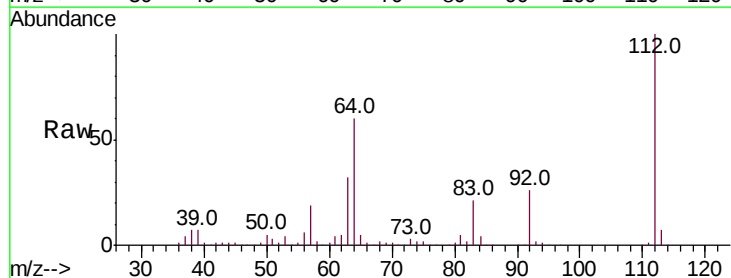
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
 Concen: 118.764 ng  
 RT: 5.32 min Scan# 549  
 Delta R.T. -0.00 min  
 Lab File: BF109722.D  
 Acq: 10 Oct 2018 3:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 59.6  | 44.1  | 66.1  |
| 63      | 32.5  | 23.7  | 35.5  |

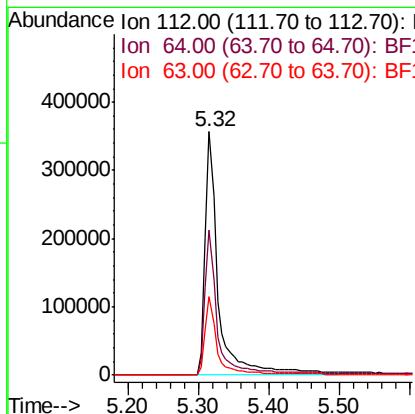
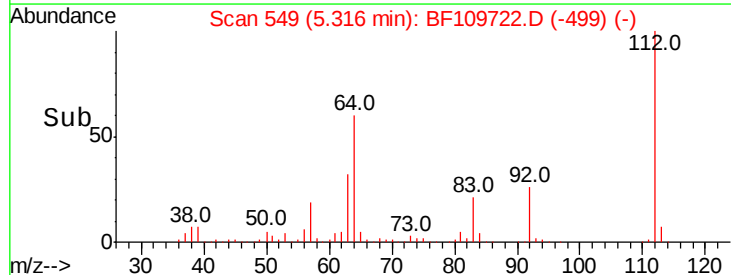


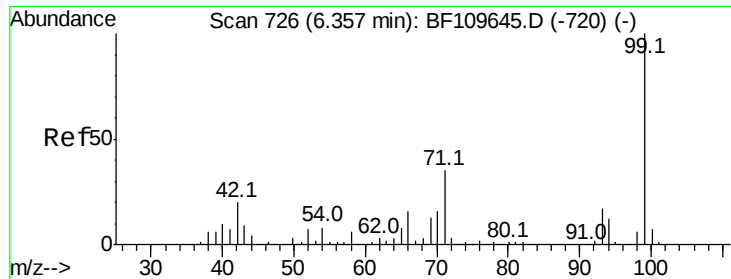
Abundance

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: 125.713 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109722.D

Acq: 10 Oct 2018 3:56

Instrument :

BNA\_F

ClientSampleId :

FL-PIT-7

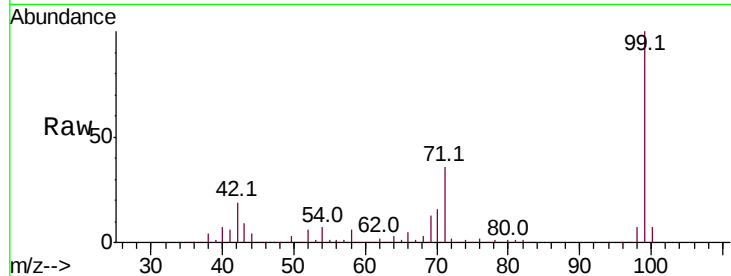
Tot Ion: 99 Resp: 670700

Ion Ratio Lower Upper

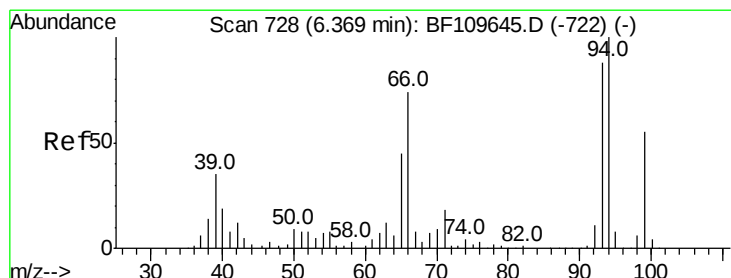
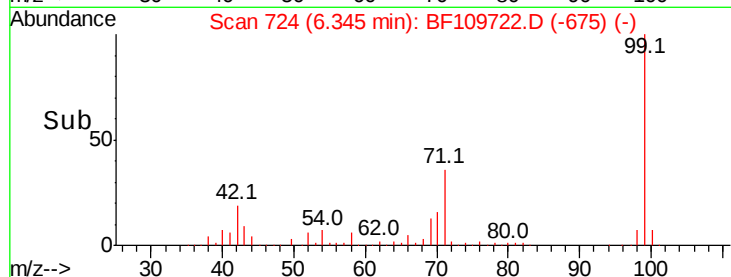
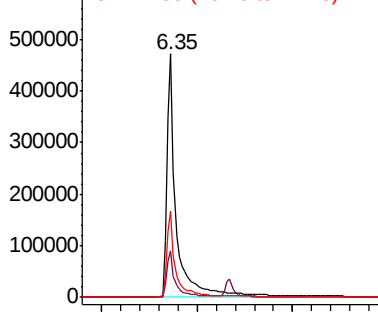
99 100

42 19.1 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: 3.697 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109722.D

Acq: 10 Oct 2018 3:56

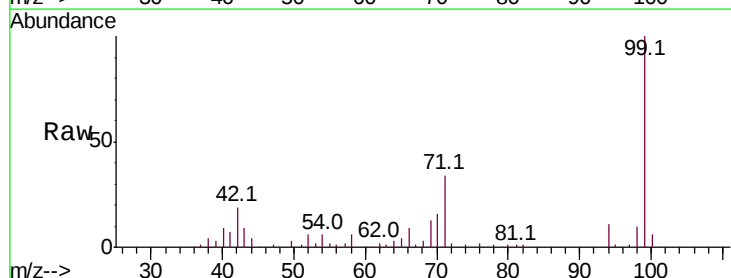
Tgt Ion: 94 Resp: 22618

Ion Ratio Lower Upper

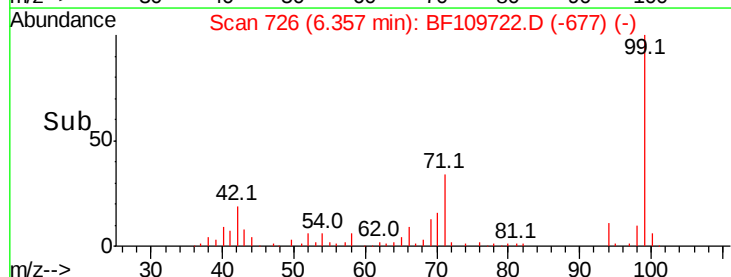
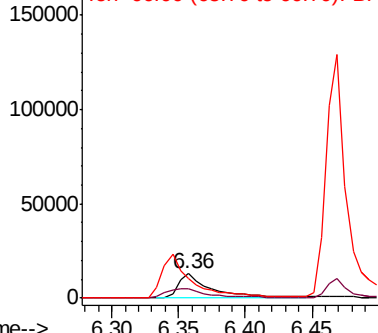
94 100

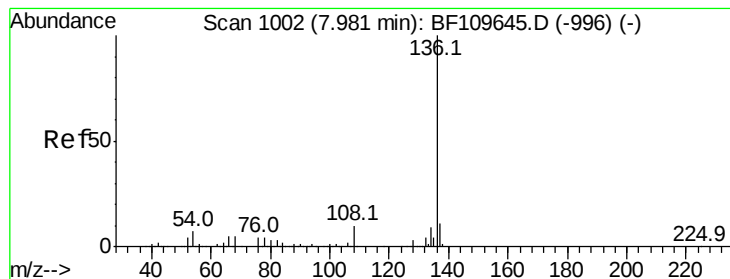
65 38.4 25.3 65.3

66 81.0 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: BF109722.D

Acq: 10 Oct 2018 3:56

Instrument :

BNA\_F

ClientSampleId :

FL-PIT-7

Tot Ion:136 Resp: 276999

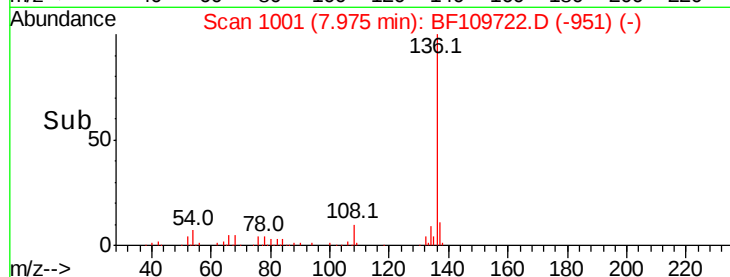
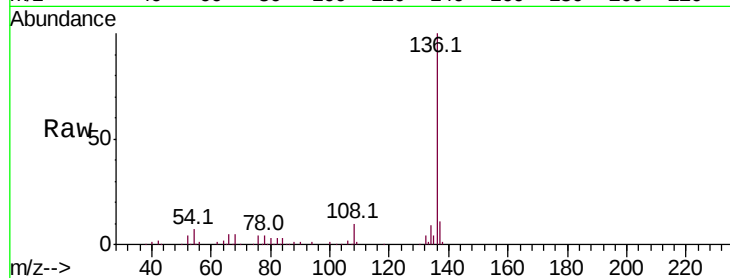
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.0 5.4 8.2

68 5.3 4.2 6.2

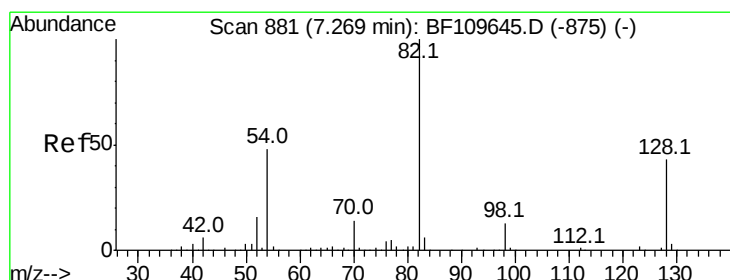
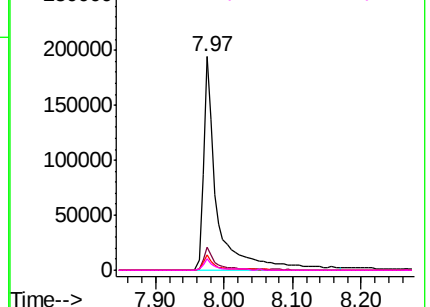


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.994 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109722.D

Acq: 10 Oct 2018 3:56

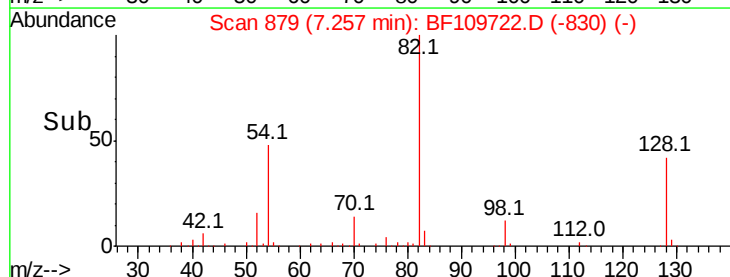
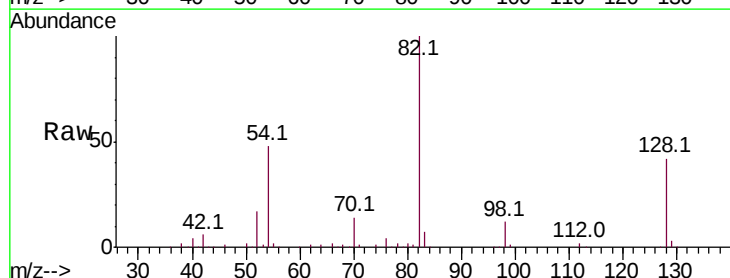
Tgt Ion: 82 Resp: 417049

Ion Ratio Lower Upper

82 100

128 42.4 34.2 51.2

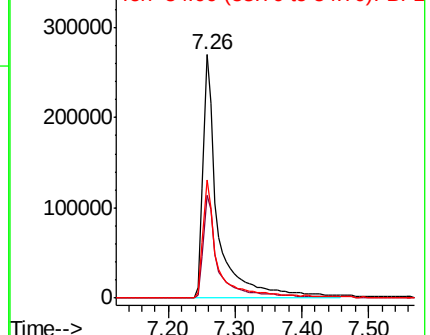
54 48.4 38.6 58.0

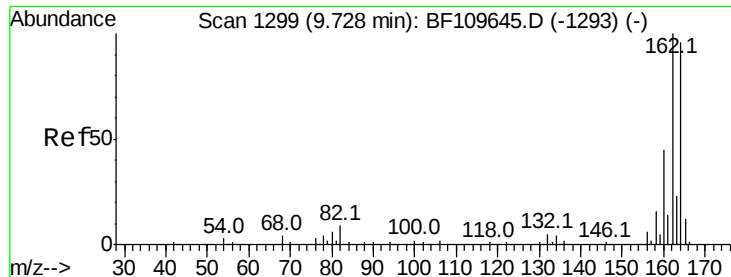


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF109722.D

Acq: 10 Oct 2018 3:56

Instrument :

BNA\_F

ClientSampled :

FL-PIT-7

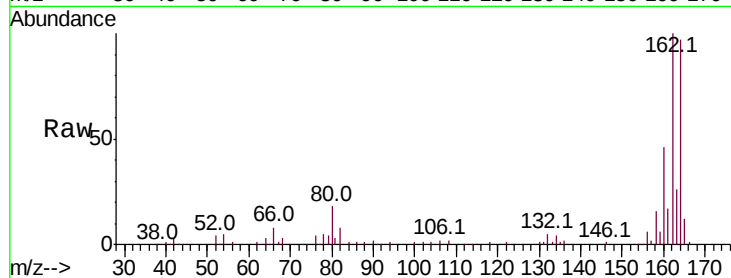
Tot Ion:164 Resp: 112502

Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.6

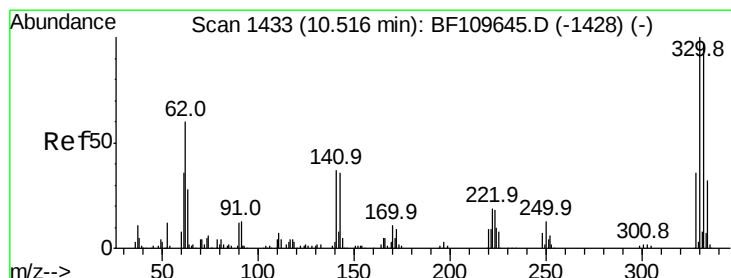
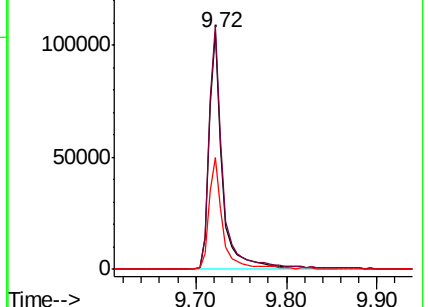
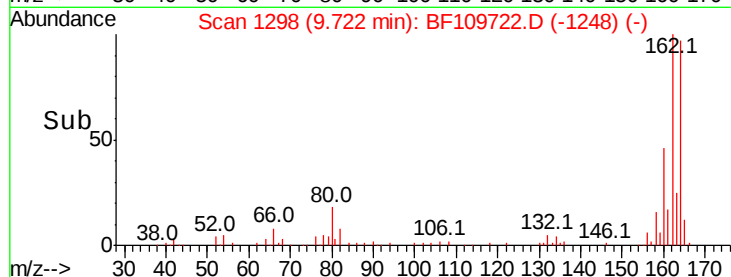
160 47.0 37.0 55.6



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



#41

2,4,6-Tribromophenol

Concen: 98.262 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109722.D

Acq: 10 Oct 2018 3:56

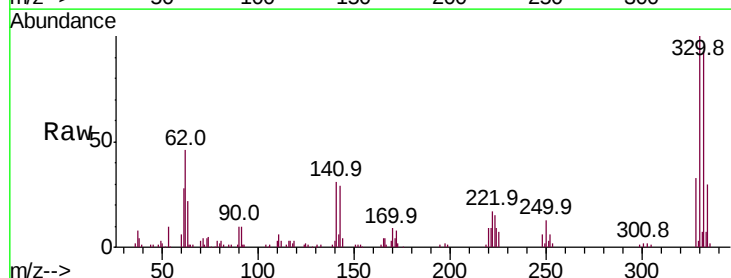
Tgt Ion:330 Resp: 120453

Ion Ratio Lower Upper

330 100

332 94.3 77.1 115.7

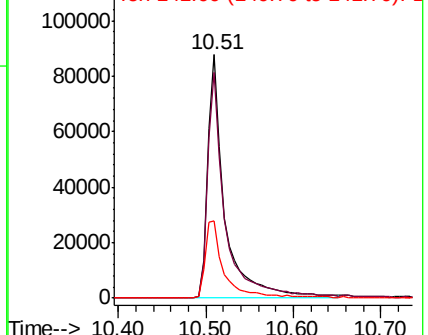
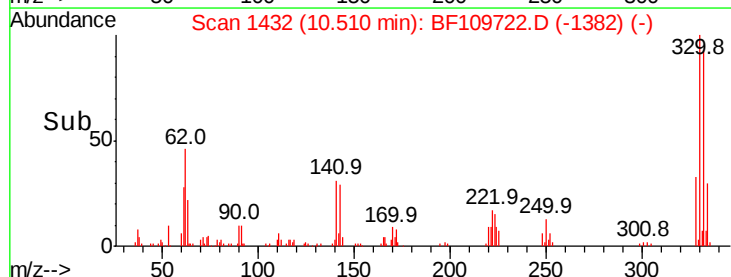
141 35.3 27.0 40.4

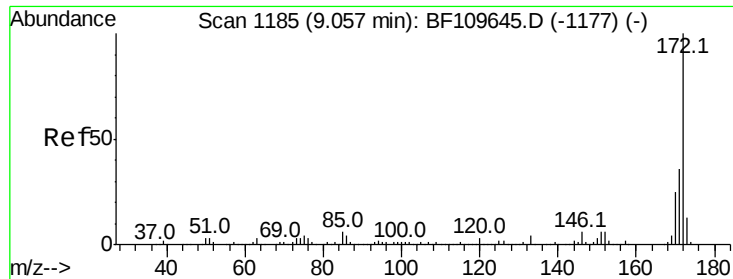


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

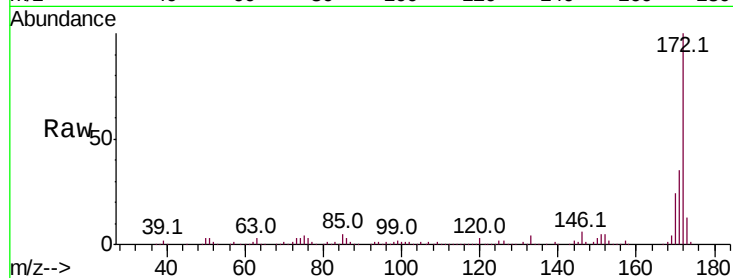




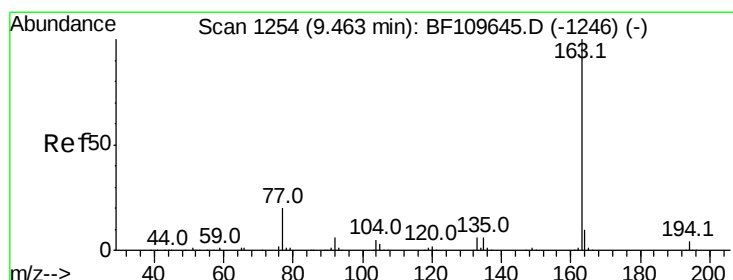
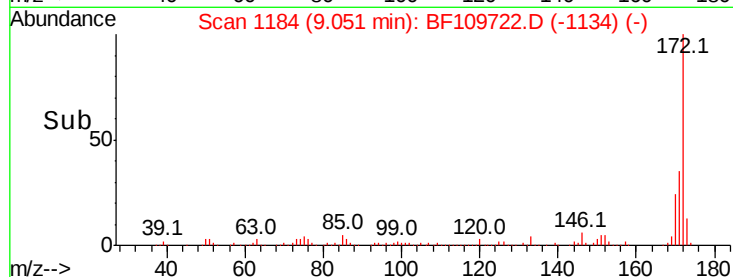
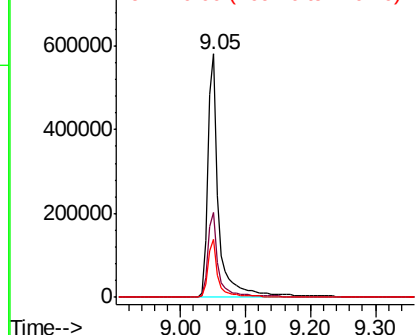
#44  
 2-Fluorobiphenyl  
 Concen: 83.253 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. -0.01 min  
 Lab File: BF109722.D  
 Acq: 10 Oct 2018 3:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FL-PIT-7

Tot Ion:172 Resp: 680061  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 28.6 43.0  
 170 23.6 19.7 29.5

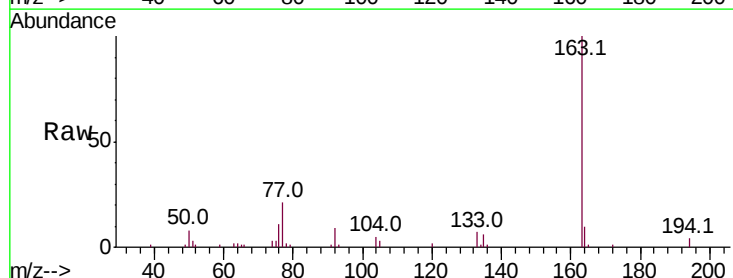


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

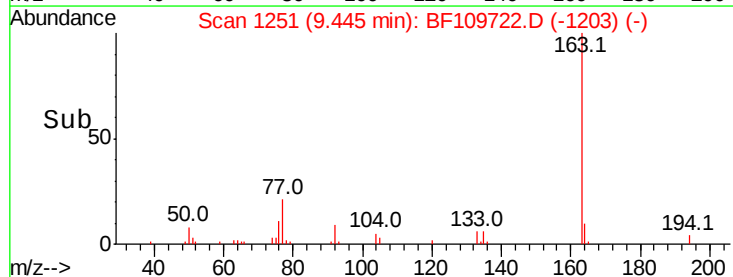
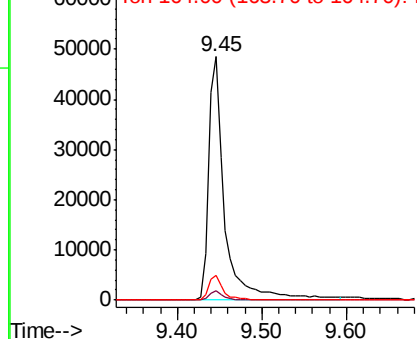


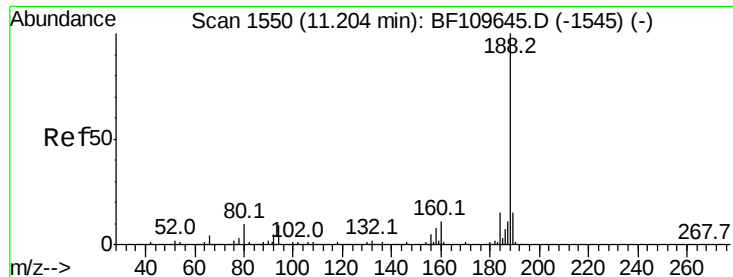
#49  
 Dimethylphthalate  
 Concen: 7.815 ng  
 RT: 9.45 min Scan# 1251  
 Delta R.T. -0.02 min  
 Lab File: BF109722.D  
 Acq: 10 Oct 2018 3:56

Tgt Ion:163 Resp: 64480  
 Ion Ratio Lower Upper  
 163 100  
 194 4.0 3.2 4.8  
 164 10.1 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

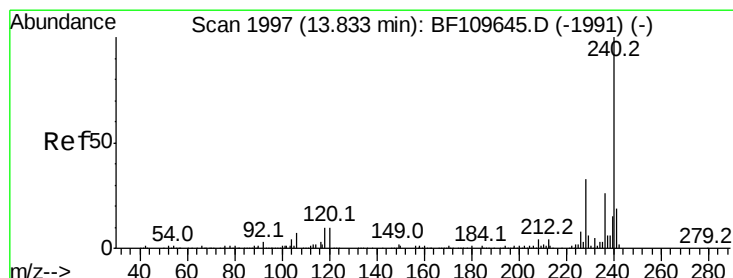
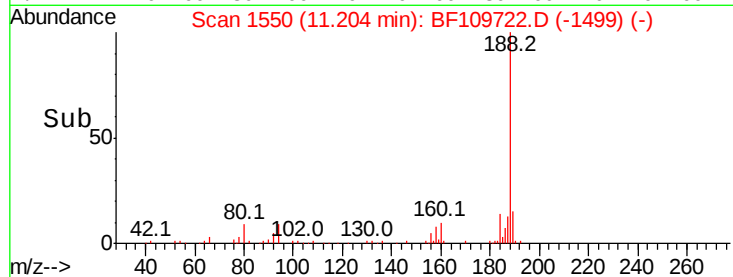
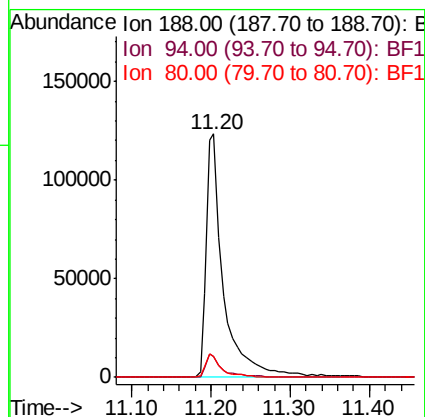
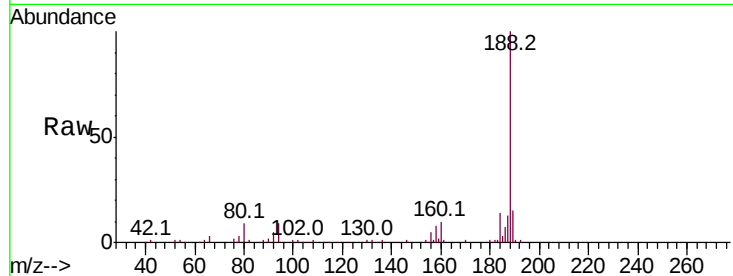




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.20 min Scan# 1550  
Delta R.T. -0.00 min  
Lab File: BF109722.D  
Acq: 10 Oct 2018 3:56

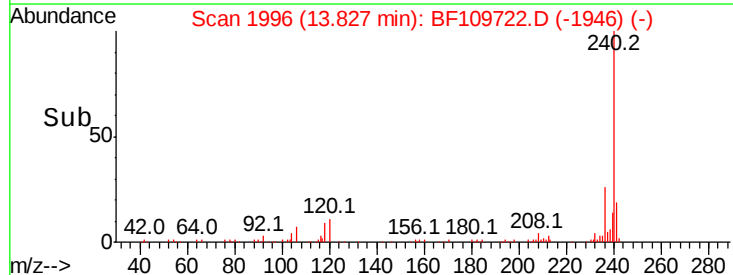
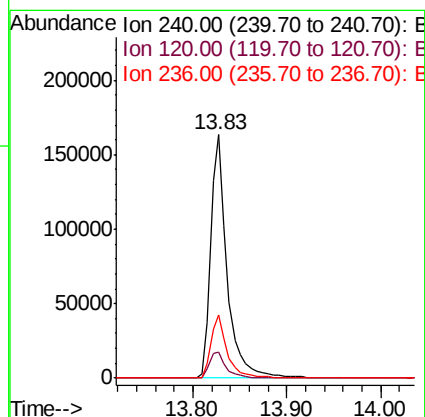
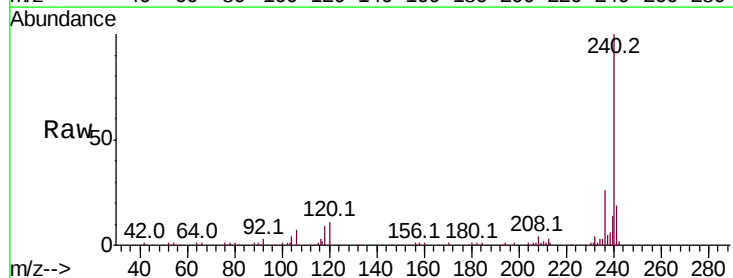
Instrument :  
BNA\_F  
ClientSampleId :  
FL-PIT-7

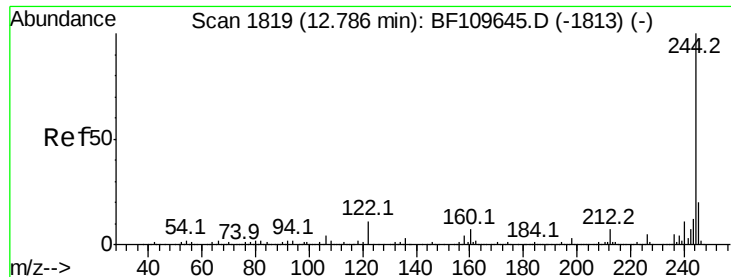
Tot Ion:188 Resp: 190224  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.2 10.8  
80 8.6 7.9 11.9



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.83 min Scan# 1996  
Delta R.T. -0.01 min  
Lab File: BF109722.D  
Acq: 10 Oct 2018 3:56

Tgt Ion:240 Resp: 200611  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.3 12.5  
236 25.9 21.2 31.8





#78

Terphenyl-d14

Concen: 53.781 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109722.D

Acq: 10 Oct 2018 3:56

Instrument :

BNA\_F

ClientSampleId :

FL-PIT-7

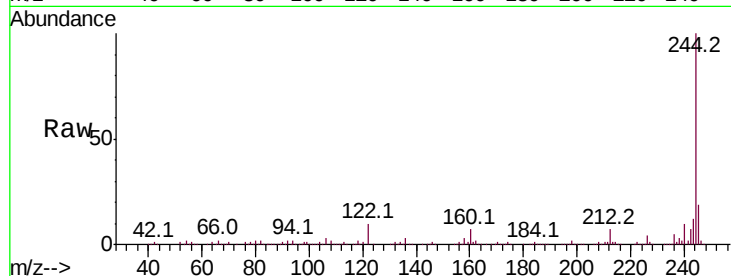
Tot Ion:244 Resp: 557334

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

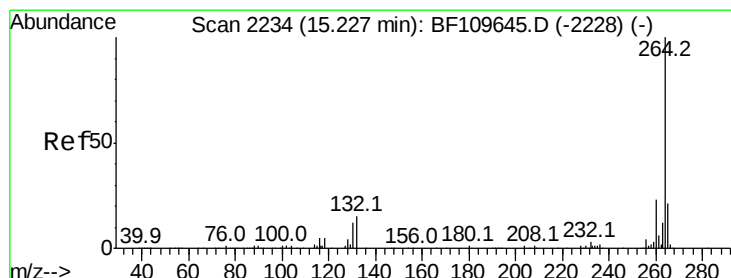
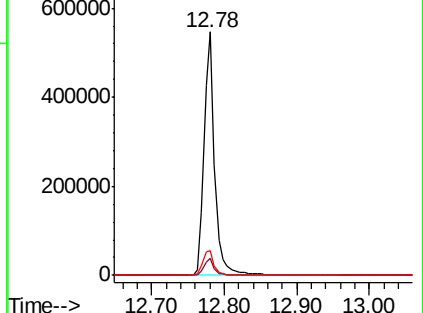
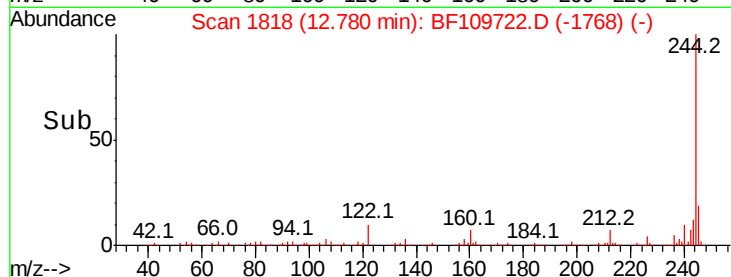
122 10.0 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109722.D

Acq: 10 Oct 2018 3:56

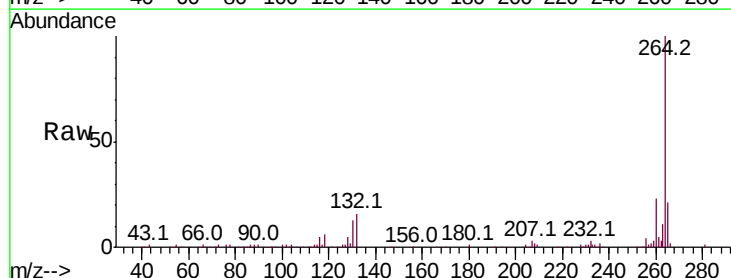
Tgt Ion:264 Resp: 171643

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.1 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

