

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\  
 Data File : BF117888.D  
 Acq On : 20 Nov 2019 13:04  
 Operator : JU  
 Sample : K5908-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-8-1-(6-12)

Quant Time: Nov 21 03:19:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 18:36:07 2019  
 Response via : Initial Calibration

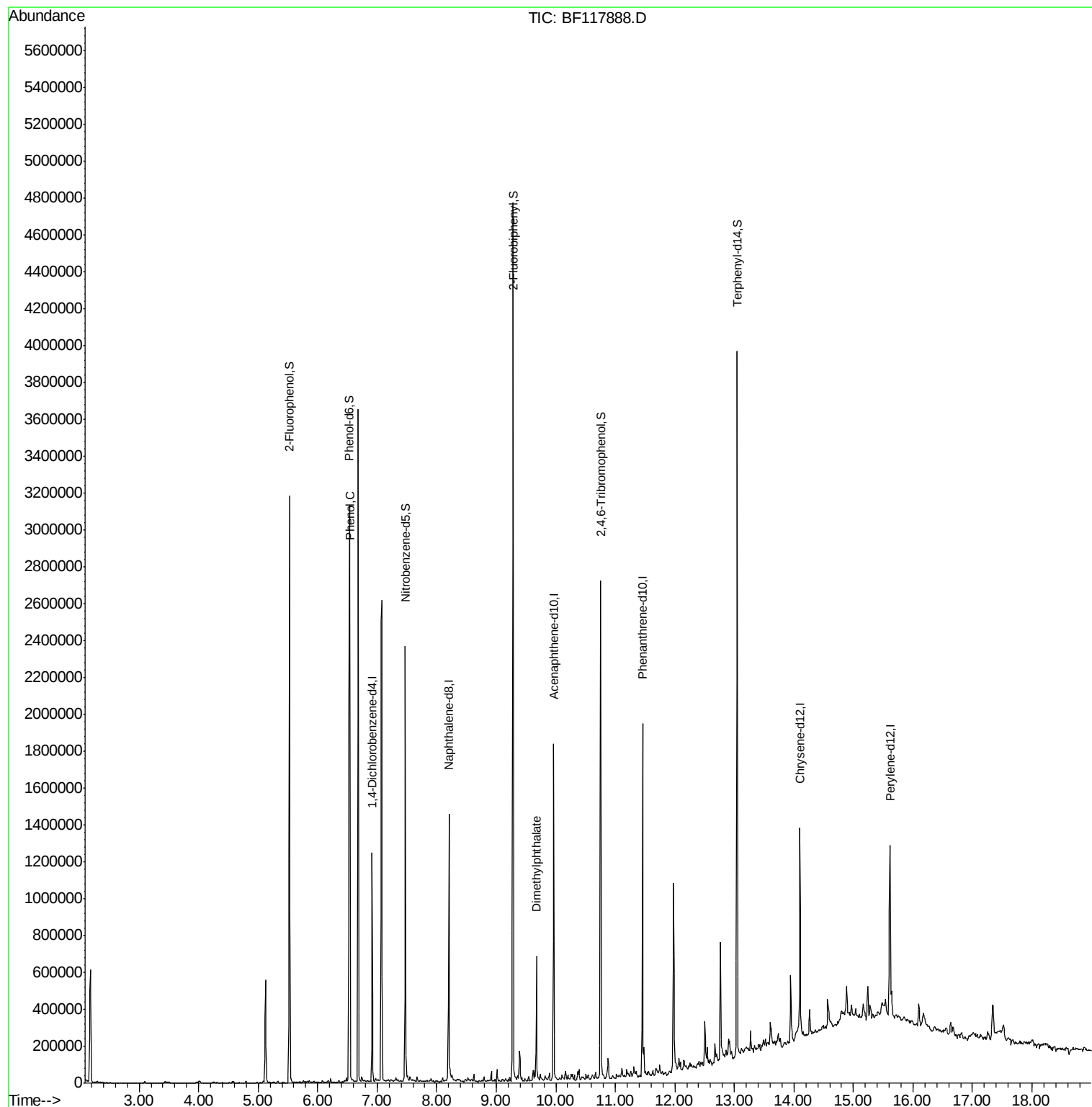
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.92  | 152  | 167786   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.20  | 136  | 663784   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.96  | 164  | 346581   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.46 | 188  | 636458   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.10 | 240  | 327377   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 15.62 | 264  | 471979   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.53  | 112  | 868974   | 91.67  | ng    | 0.00     |
| 7) Phenol-d6                | 6.53  | 99   | 1143094  | 99.98  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.47  | 82   | 693801   | 62.13  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.76 | 330  | 331420   | 90.32  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.28  | 172  | 1374104  | 71.13  | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.05 | 244  | 1324131  | 73.92  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.55  | 94   | 65374    | 5.503  | ng    | 95       |
| 50) Dimethylphthalate       | 9.67  | 163  | 266161   | 10.951 | ng    | 98       |

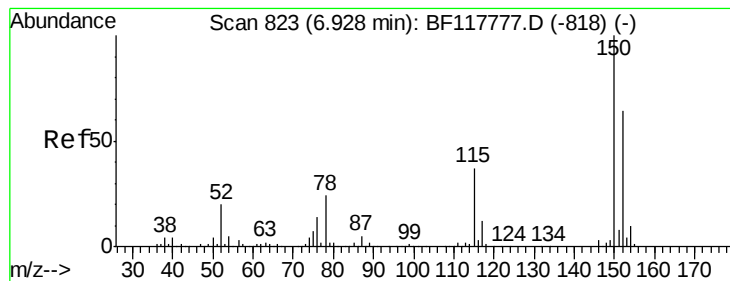
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\  
Data File : BF117888.D  
Acq On : 20 Nov 2019 13:04  
Operator : JU  
Sample : K5908-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-8-1-(6-12)

Quant Time: Nov 21 03:19:06 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 13 18:36:07 2019  
Response via : Initial Calibration



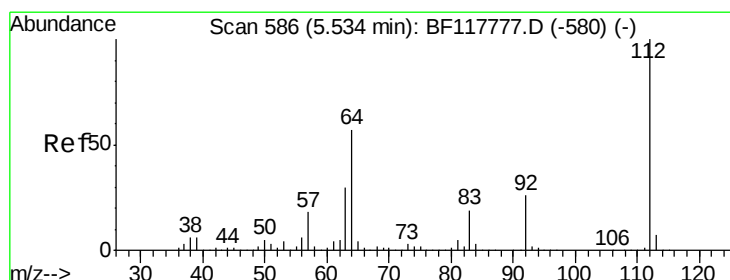
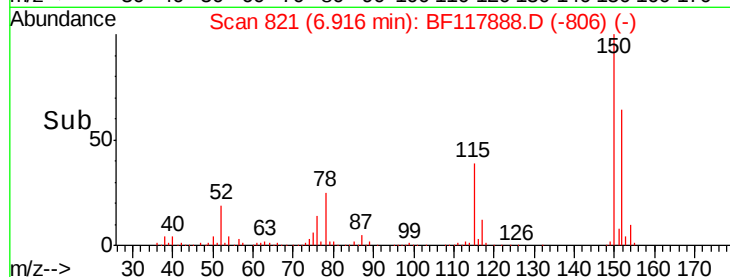
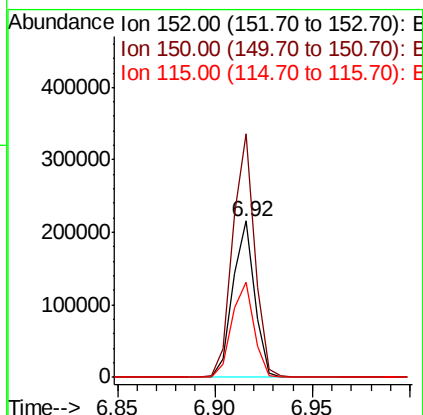
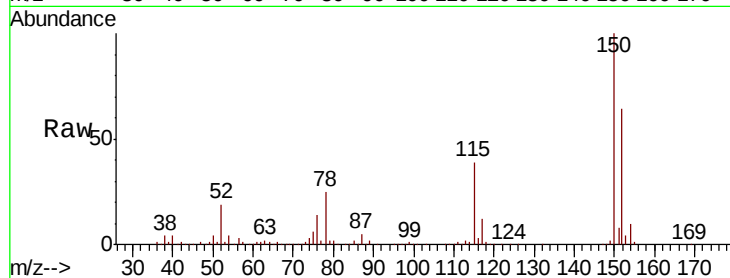


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.92 min Scan# 821  
Delta R.T. -0.01 min  
Lab File: BF117888.D  
Acq: 20 Nov 2019 13:04

Instrument :  
BNA\_F  
ClientSampleId :  
B-8-1-(6-12)

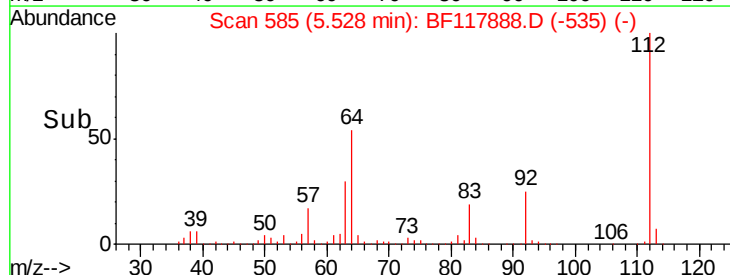
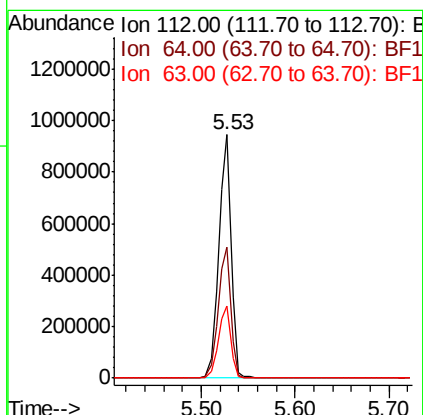
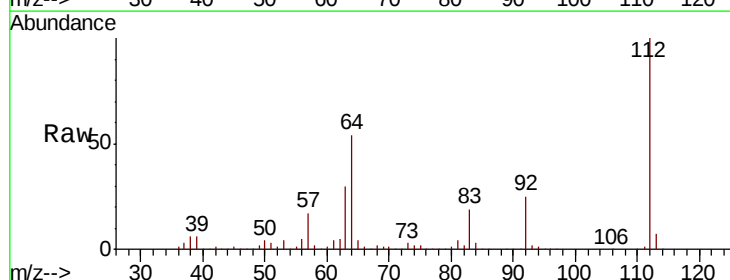
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 125.3 | 187.9 |
| 115     | 60.9  | 47.0  | 70.4  |

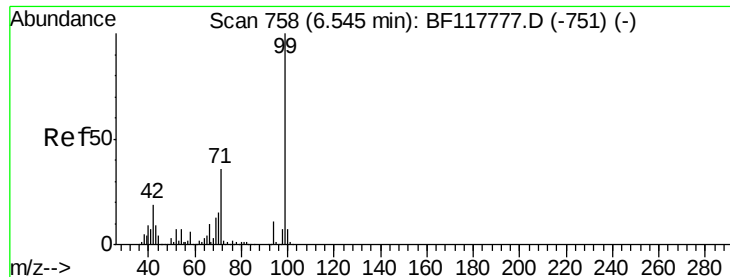


#5

2-Fluorophenol  
Concen: 91.675 ng  
RT: 5.53 min Scan# 585  
Delta R.T. -0.01 min  
Lab File: BF117888.D  
Acq: 20 Nov 2019 13:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 53.6  | 45.6  | 68.4  |
| 63      | 29.6  | 24.1  | 36.1  |





#7

Phenol-d6

Concen: 99.982 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117888.D

Acq: 20 Nov 2019 13:04

Instrument :

BNA\_F

ClientSampled :

B-8-1-(6-12)

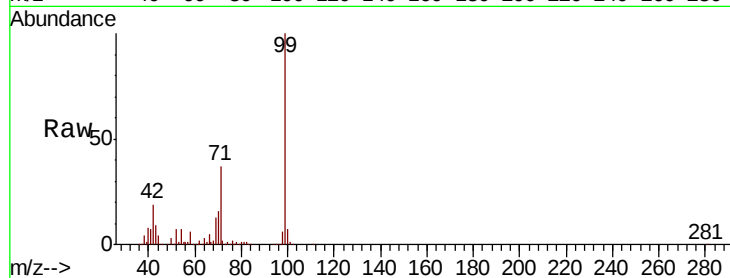
Tot Ion: 99 Resp: 1143094

Ion Ratio Lower Upper

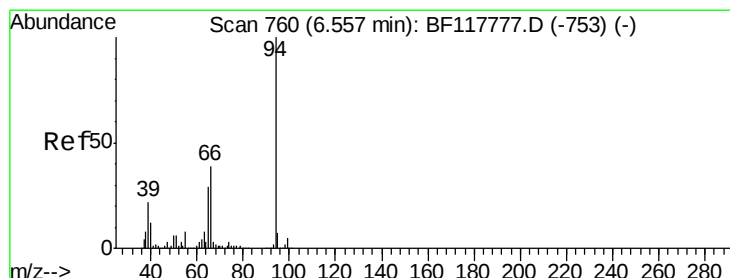
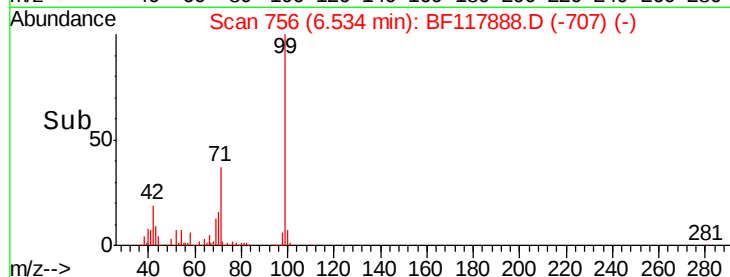
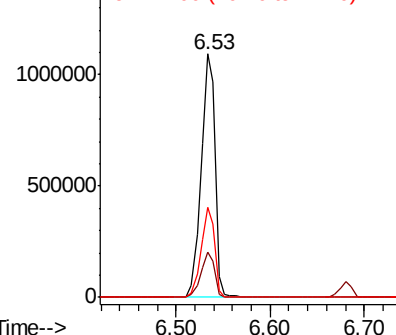
99 100

42 18.8 14.9 22.3

71 37.1 28.6 43.0



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: 5.503 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117888.D

Acq: 20 Nov 2019 13:04

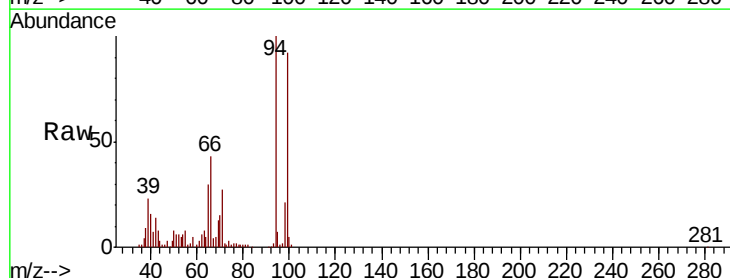
Tgt Ion: 94 Resp: 65374

Ion Ratio Lower Upper

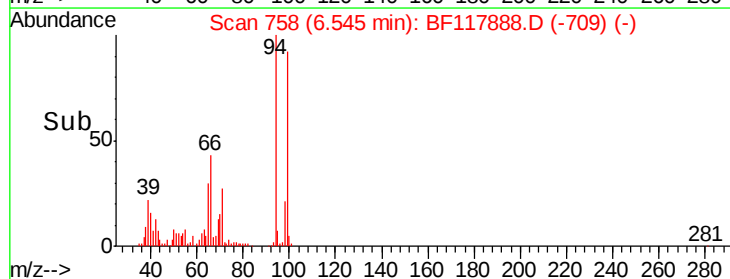
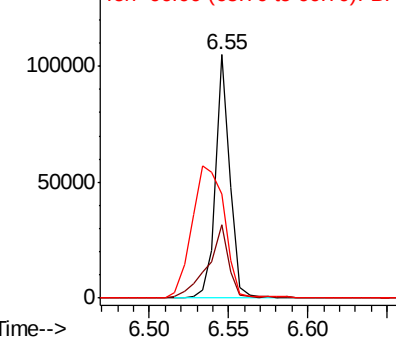
94 100

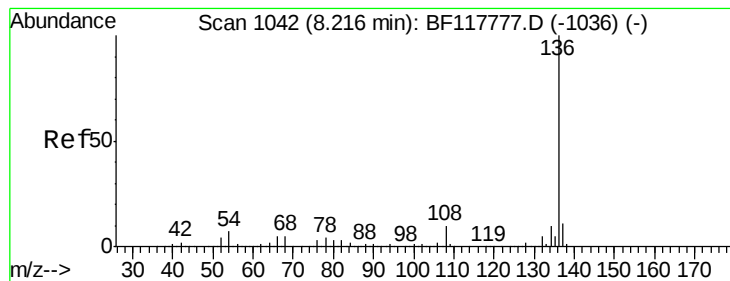
65 30.4 8.9 48.9

66 42.7 18.7 58.7



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: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117888.D

Acq: 20 Nov 2019 13:04

Instrument :

BNA\_F

ClientSampleId :

B-8-1-(6-12)

Tot Ion:136 Resp: 663784

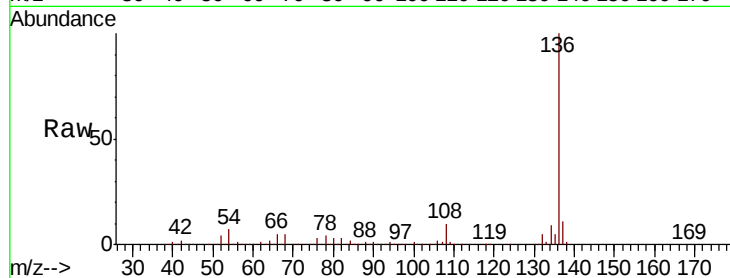
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.6 5.4 8.2

68 4.8 4.3 6.5

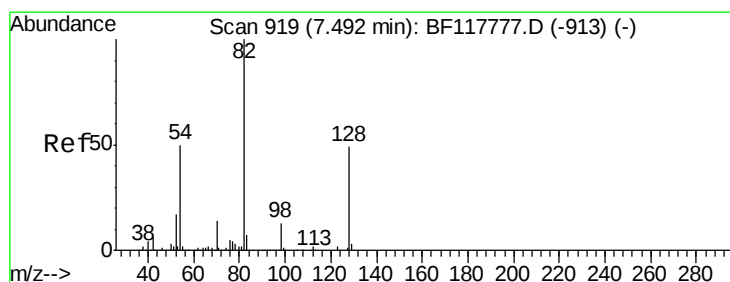
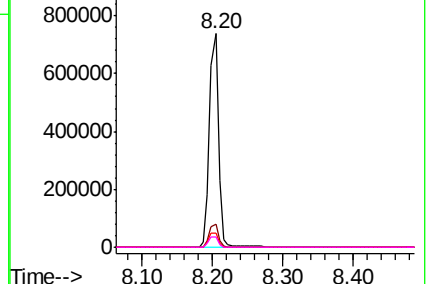
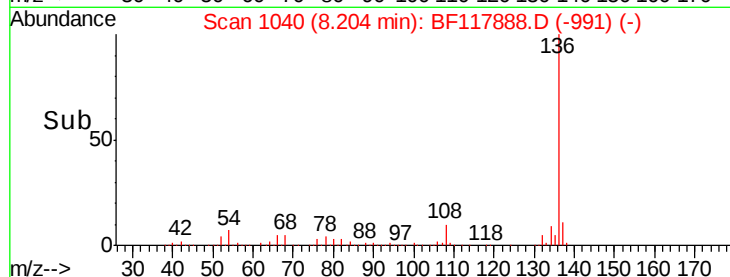


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.134 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF117888.D

Acq: 20 Nov 2019 13:04

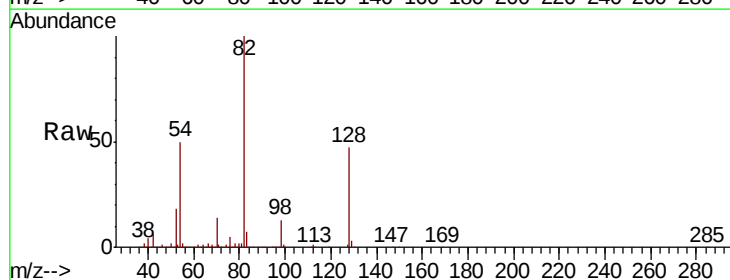
Tgt Ion: 82 Resp: 693801

Ion Ratio Lower Upper

82 100

128 47.0 38.9 58.3

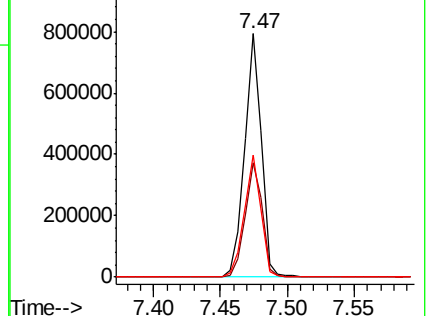
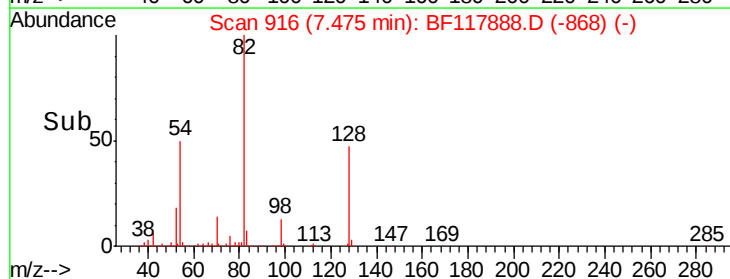
54 50.3 39.8 59.6

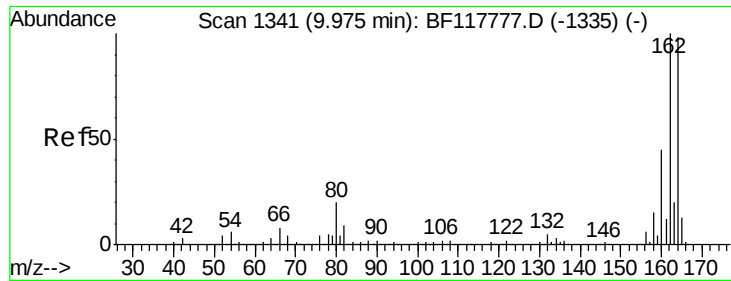


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

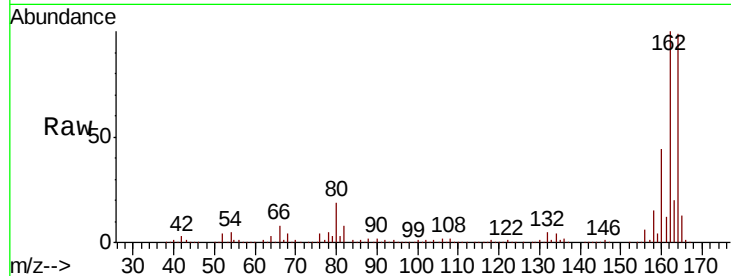




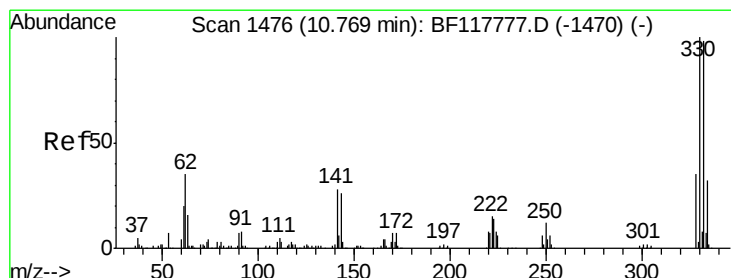
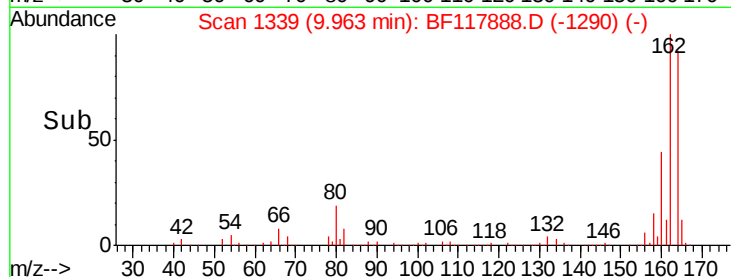
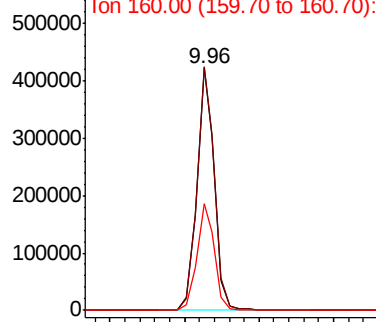
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. -0.01 min  
Lab File: BF117888.D  
Acq: 20 Nov 2019 13:04

Instrument :  
BNA\_F  
ClientSampleId :  
B-8-1-(6-12)

Tot Ion:164 Resp: 346581  
Ion Ratio Lower Upper  
164 100  
162 100.6 81.3 121.9  
160 44.2 36.6 55.0

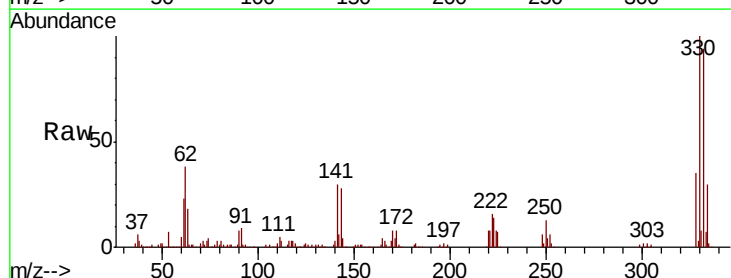


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

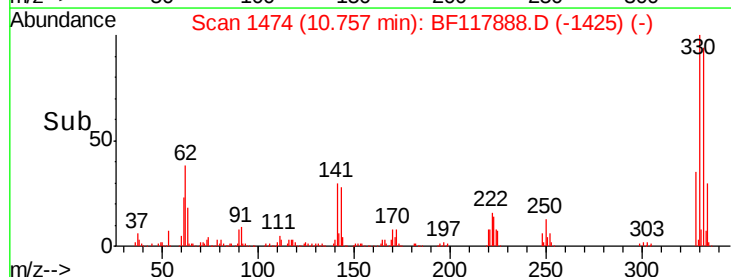
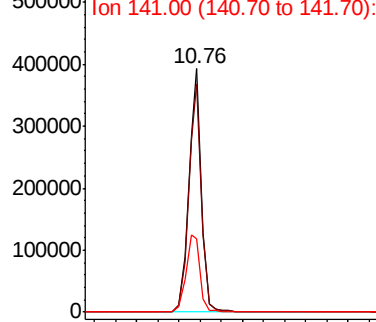


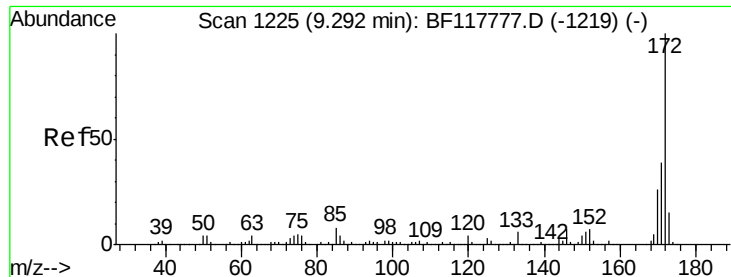
#42  
2,4,6-Tribromophenol  
Concen: 90.324 ng  
RT: 10.76 min Scan# 1474  
Delta R.T. -0.01 min  
Lab File: BF117888.D  
Acq: 20 Nov 2019 13:04

Tgt Ion:330 Resp: 331420  
Ion Ratio Lower Upper  
330 100  
332 95.1 76.7 115.1  
141 35.0 27.7 41.5



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

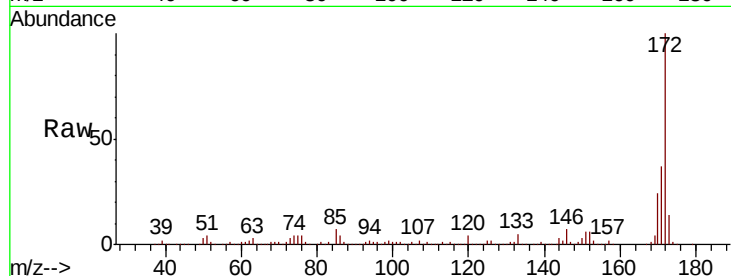




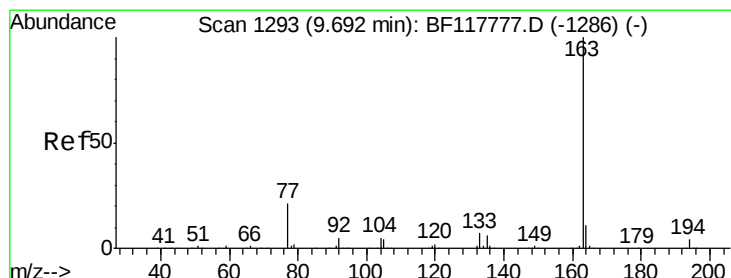
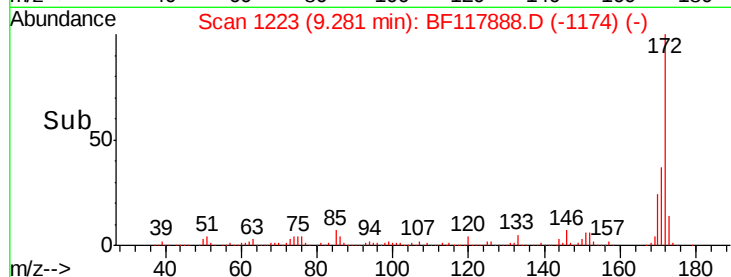
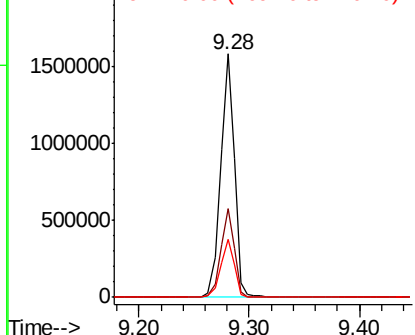
#45  
2-Fluorobiphenyl  
Concen: 71.129 ng  
RT: 9.28 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: BF117888.D  
Acq: 20 Nov 2019 13:04

Instrument :  
BNA\_F  
ClientSampled :  
B-8-1-(6-12)

Tot Ion:172 Resp: 1374104  
Ion Ratio Lower Upper  
172 100  
171 36.6 30.9 46.3  
170 24.1 21.0 31.4

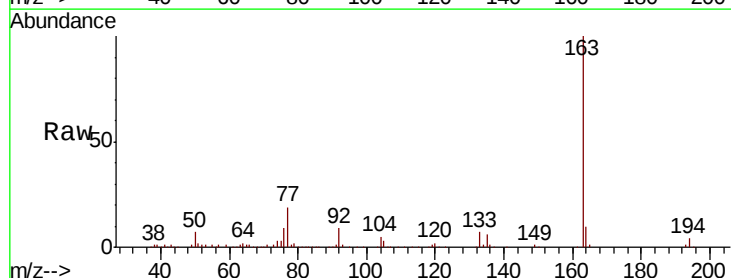


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

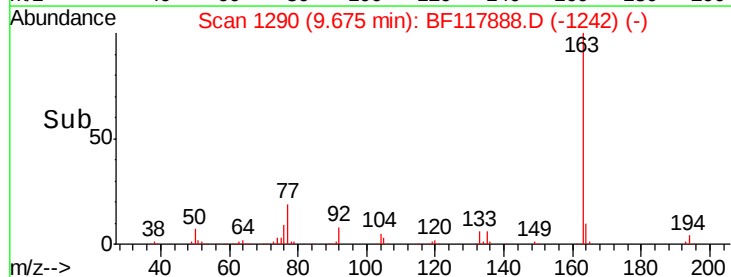
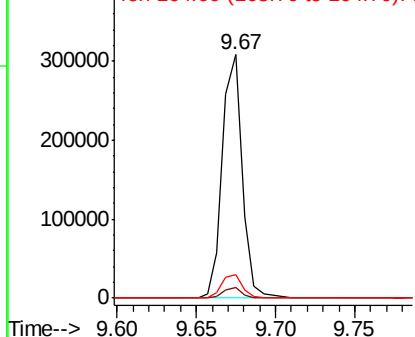


#50  
Dimethylphthalate  
Concen: 10.951 ng  
RT: 9.67 min Scan# 1290  
Delta R.T. -0.02 min  
Lab File: BF117888.D  
Acq: 20 Nov 2019 13:04

Tgt Ion:163 Resp: 266161  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 9.7 8.7 13.1



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

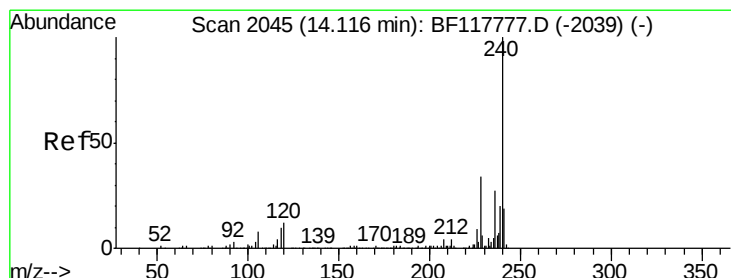
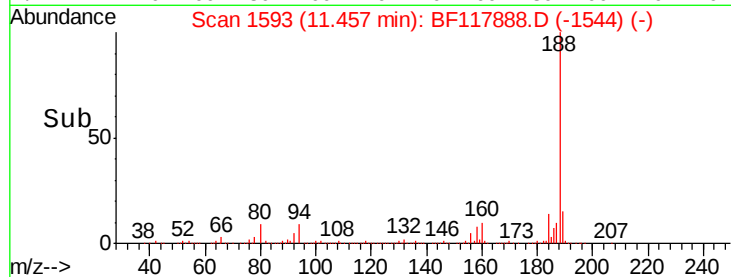
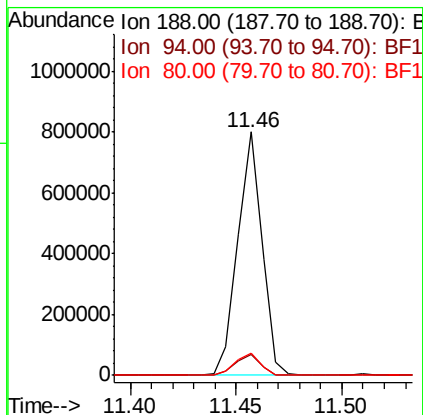
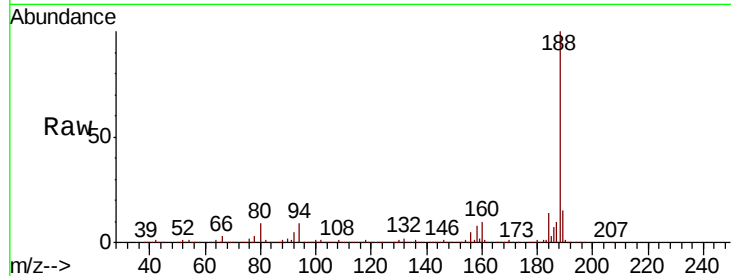




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.46 min Scan# 1593  
Delta R.T. -0.01 min  
Lab File: BF117888.D  
Acq: 20 Nov 2019 13:04

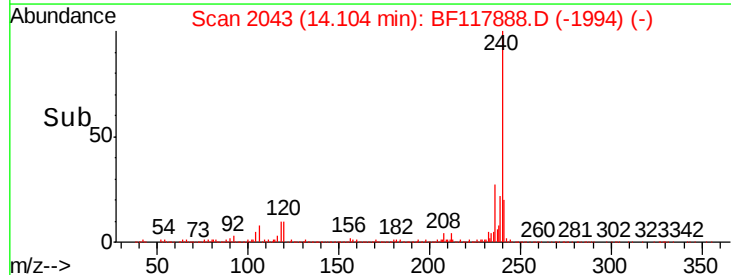
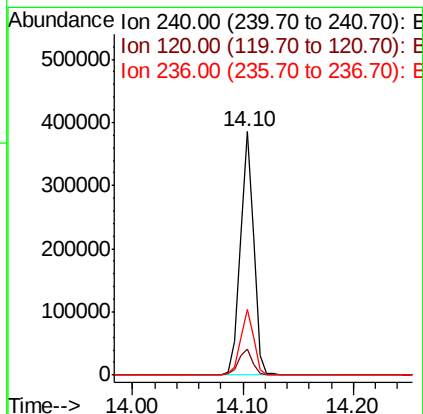
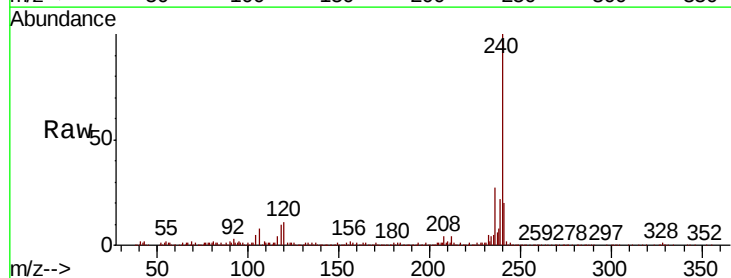
Instrument :  
BNA\_F  
ClientSampleId :  
B-8-1-(6-12)

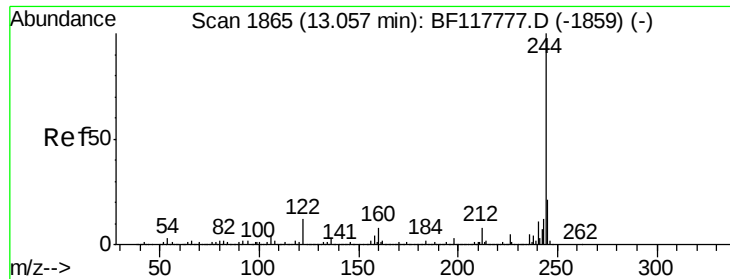
Tot Ion:188 Resp: 636458  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.6 10.0  
80 9.2 7.2 10.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.10 min Scan# 2043  
Delta R.T. -0.01 min  
Lab File: BF117888.D  
Acq: 20 Nov 2019 13:04

Tgt Ion:240 Resp: 327377  
Ion Ratio Lower Upper  
240 100  
120 10.6 9.5 14.3  
236 26.9 21.3 31.9





#79

Terphenyl-d14

Concen: 73.921 ng

RT: 13.05 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BF117888.D

Acq: 20 Nov 2019 13:04

Instrument :

BNA\_F

ClientSampleId :

B-8-1-(6-12)

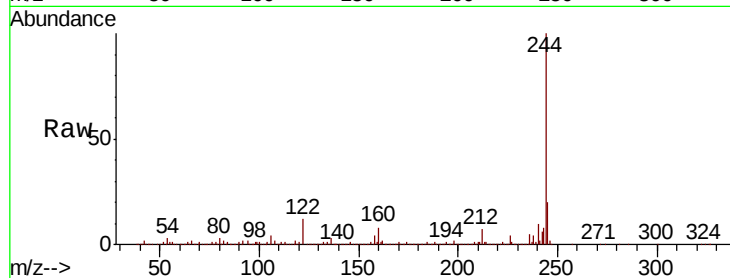
Tot Ion:244 Resp: 1324131

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

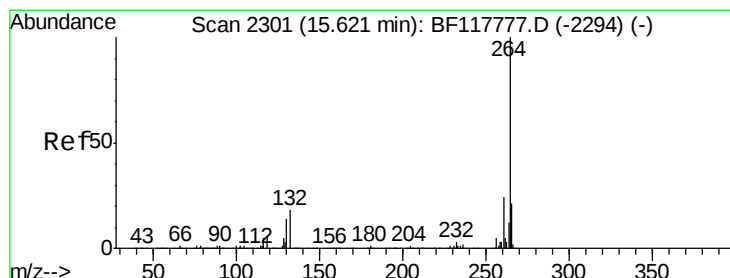
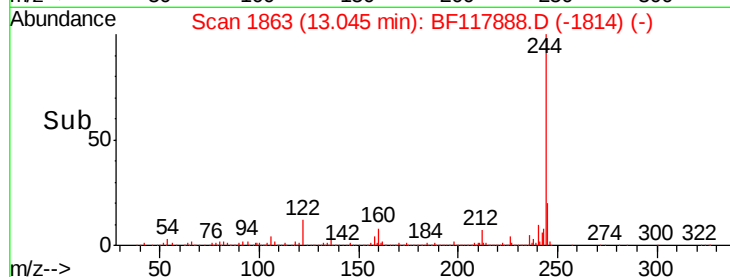
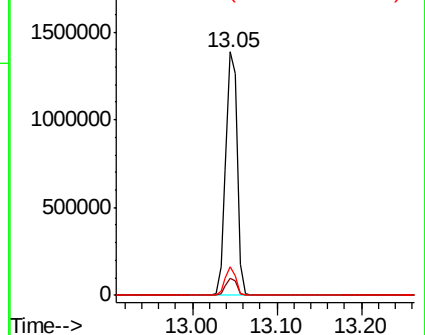
122 11.8 9.4 14.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117888.D

Acq: 20 Nov 2019 13:04

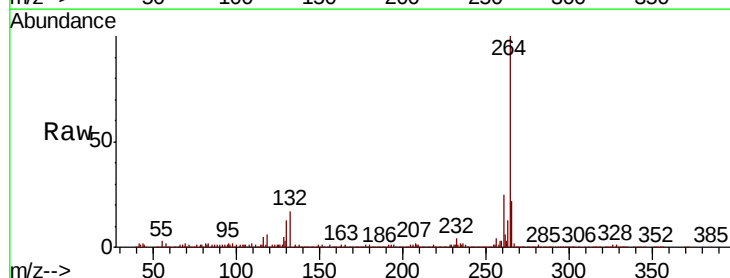
Tgt Ion:264 Resp: 471979

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.0

265 21.7 17.1 25.7



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

