

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\  
 Data File : BF117823.D  
 Acq On : 16 Nov 2019 00:30  
 Operator : JU  
 Sample : K5861-23  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-20

Quant Time: Nov 18 03:37:52 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

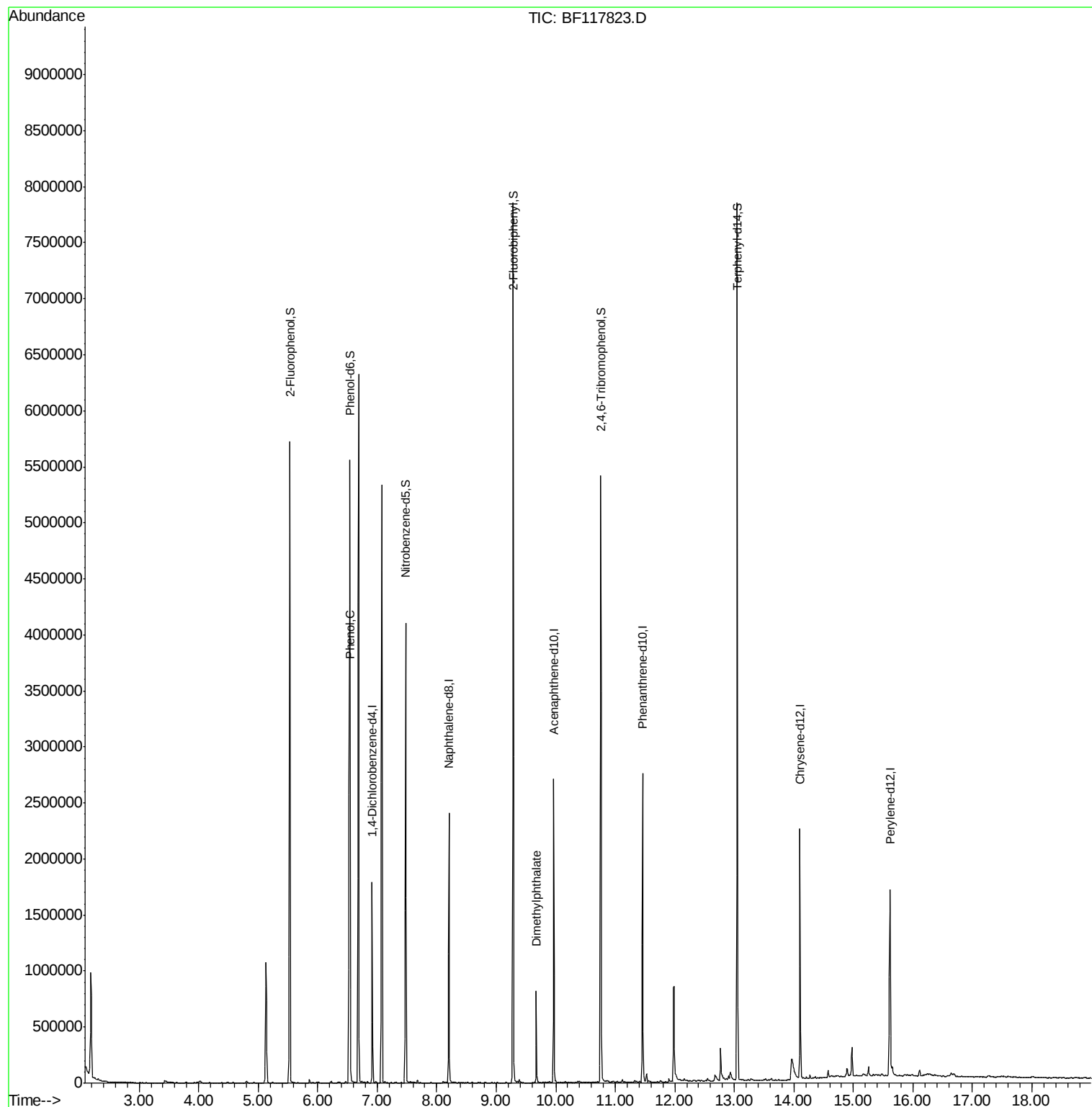
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.92  | 152  | 253796   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.20  | 136  | 986155   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.97  | 164  | 532104   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.46 | 188  | 1005063  | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.10 | 240  | 700463   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 15.62 | 264  | 780210   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.53  | 112  | 1684153  | 117.46 | ng    | 0.00     |
| 7) Phenol-d6                | 6.54  | 99   | 2109257  | 121.97 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.48  | 82   | 1286750  | 77.57  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.76 | 330  | 667968   | 118.57 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.29  | 172  | 2393018  | 80.68  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.05 | 244  | 2808382  | 73.27  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.55  | 94   | 158449   | 8.817  | ng    | 95       |
| 50) Dimethylphthalate       | 9.67  | 163  | 286054   | 7.666  | ng    | 98       |

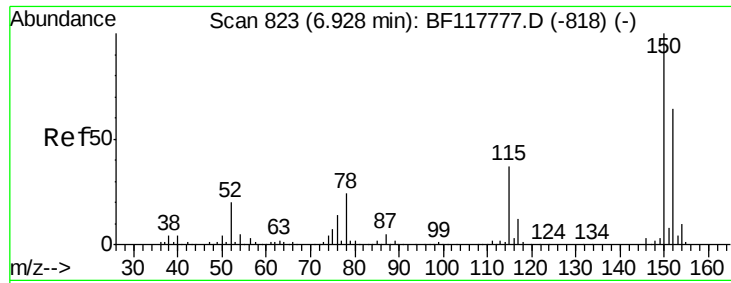
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\  
Data File : BF117823.D  
Acq On : 16 Nov 2019 00:30  
Operator : JU  
Sample : K5861-23  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EP-20

Quant Time: Nov 18 03:37:52 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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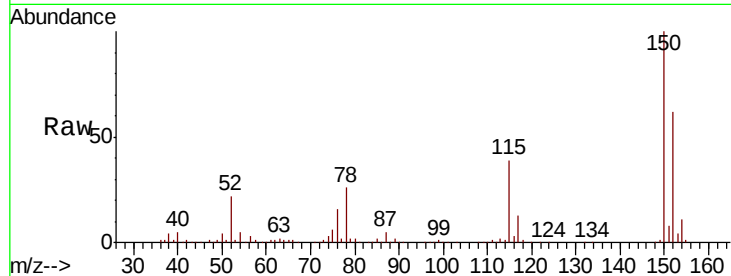


#1

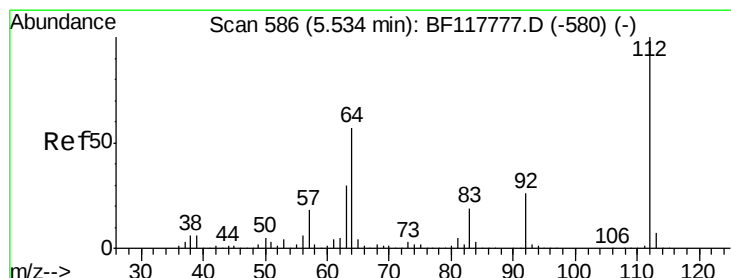
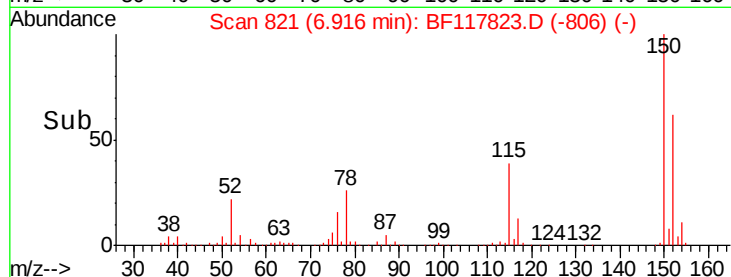
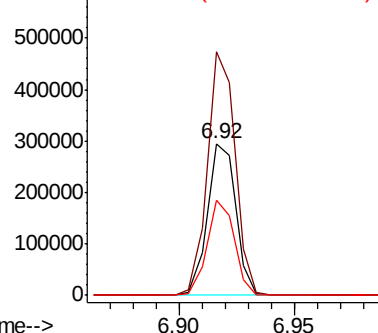
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.92 min Scan# 821  
Delta R.T. -0.01 min  
Lab File: BF117823.D  
Acq: 16 Nov 2019 00:30

Instrument :  
BNA\_F  
ClientSampleId :  
EP-20

Tot Ion:152 Resp: 253796  
Ion Ratio Lower Upper  
152 100  
150 160.4 125.3 187.9  
115 63.0 47.0 70.4



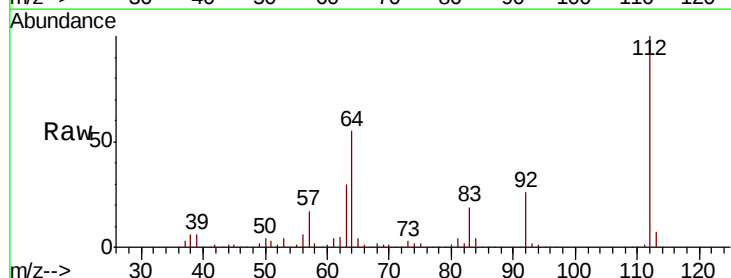
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



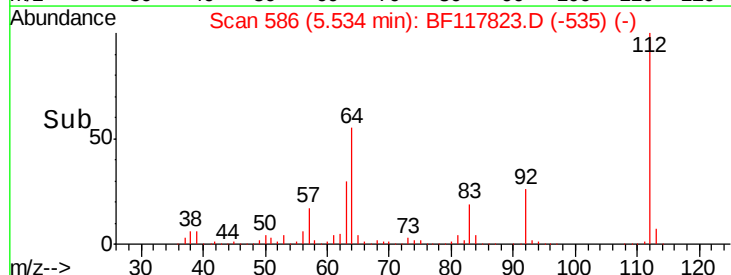
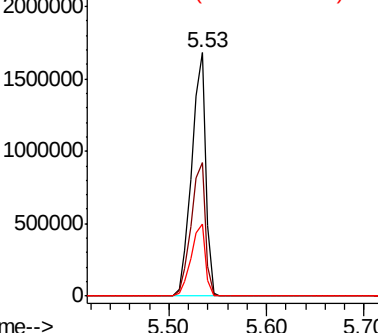
#5

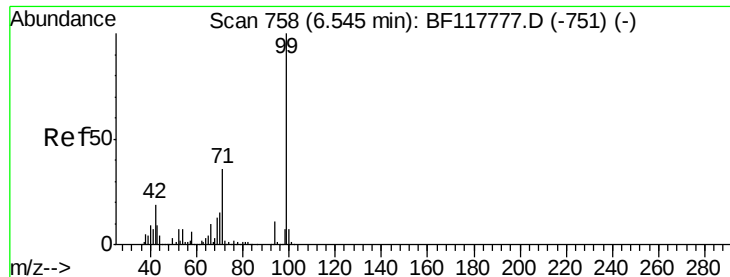
2-Fluorophenol  
Concen: 117.462 ng  
RT: 5.53 min Scan# 586  
Delta R.T. -0.00 min  
Lab File: BF117823.D  
Acq: 16 Nov 2019 00:30

Tgt Ion:112 Resp: 1684153  
Ion Ratio Lower Upper  
112 100  
64 55.0 45.6 68.4  
63 29.6 24.1 36.1



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: 121.966 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117823.D

Acq: 16 Nov 2019 00:30

Instrument :

BNA\_F

ClientSampled :

EP-20

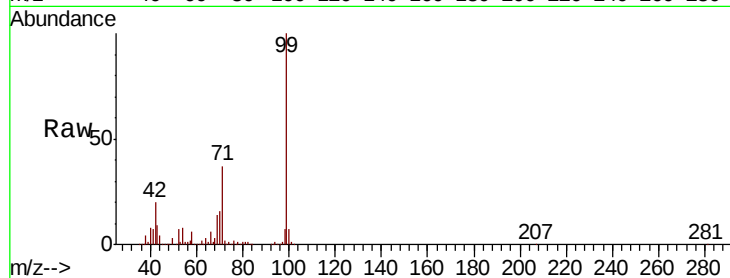
Tot Ion: 99 Resp: 2109257

Ion Ratio Lower Upper

99 100

42 19.5 14.9 22.3

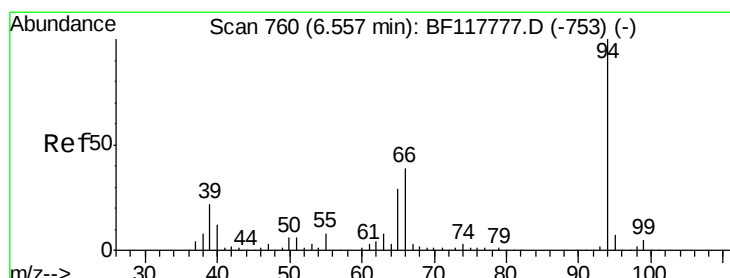
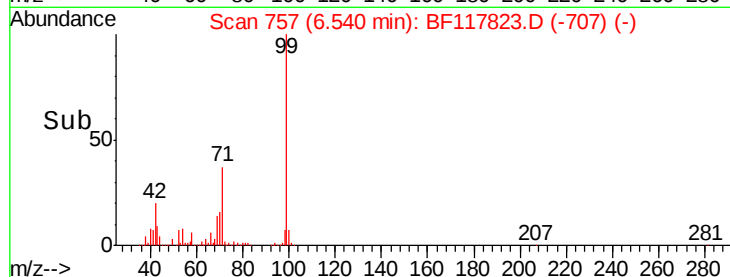
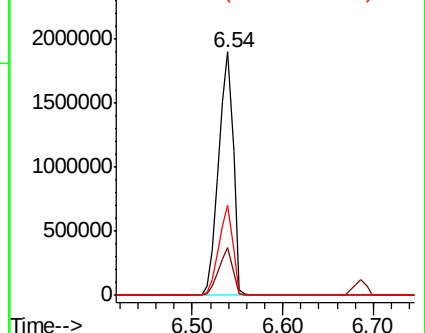
71 36.8 28.6 43.0



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: 8.817 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117823.D

Acq: 16 Nov 2019 00:30

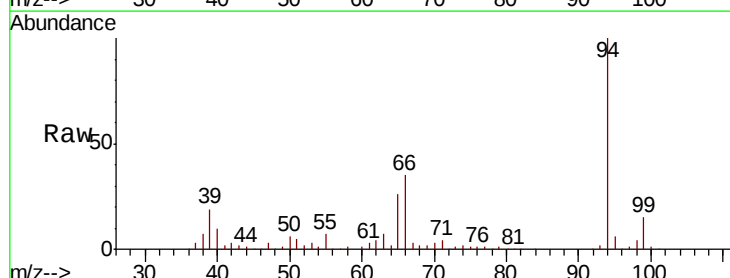
Tgt Ion: 94 Resp: 158449

Ion Ratio Lower Upper

94 100

65 26.4 8.9 48.9

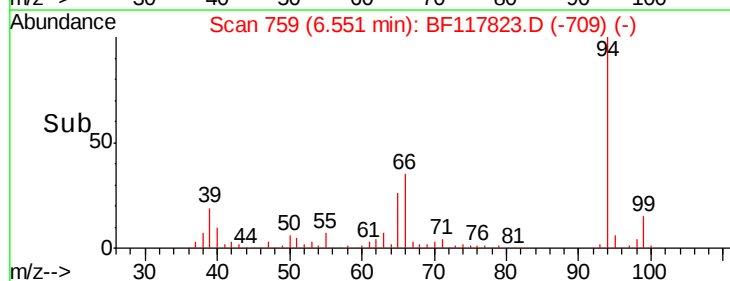
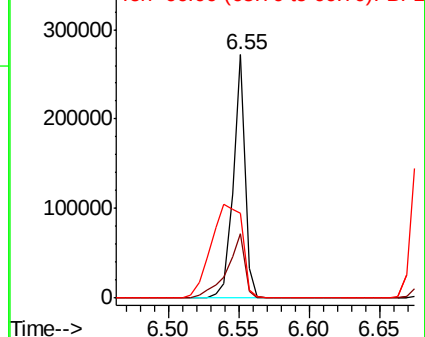
66 35.0 18.7 58.7

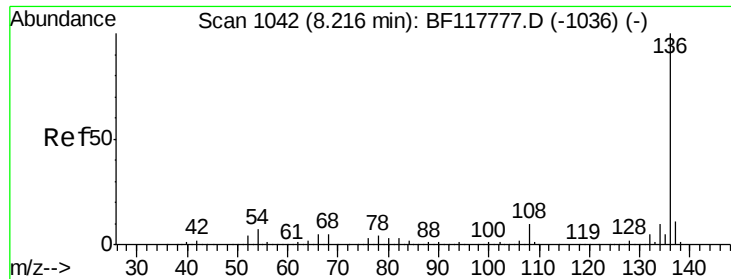


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

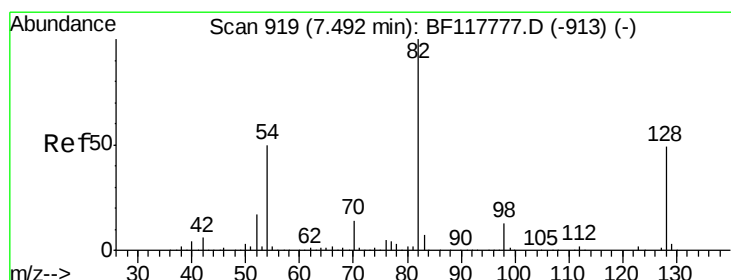
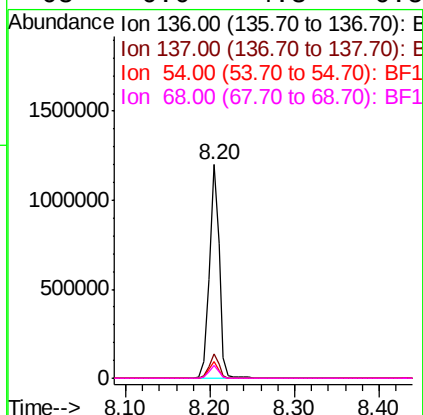
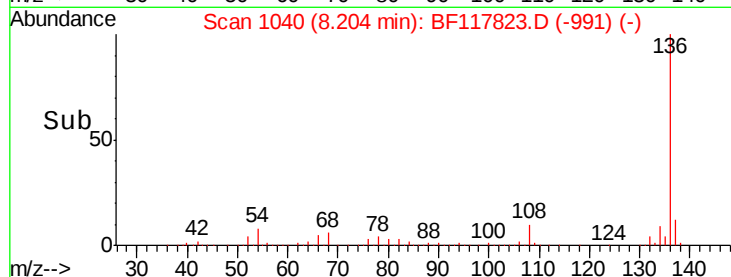
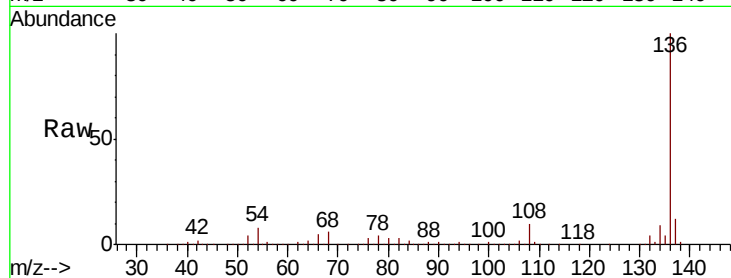




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. -0.01 min  
Lab File: BF117823.D  
Acq: 16 Nov 2019 00:30

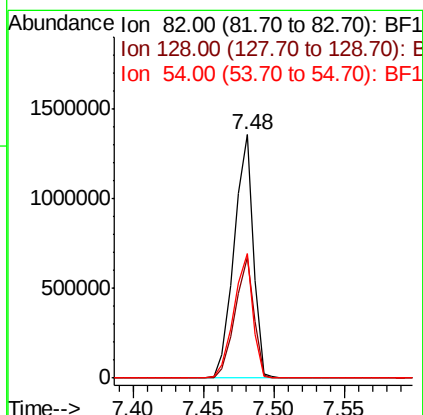
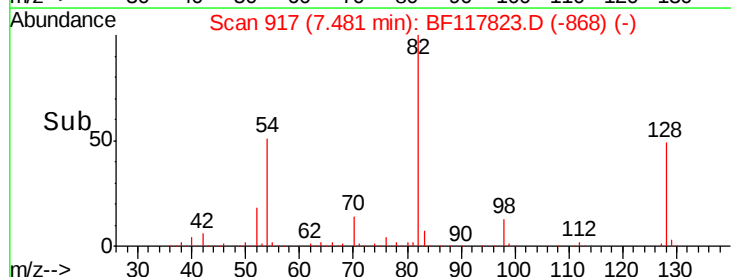
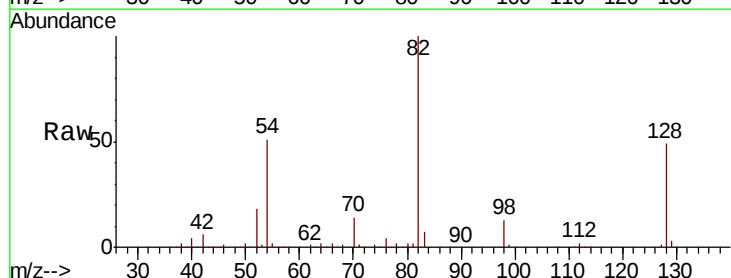
Instrument :  
BNA\_F  
ClientSampleId :  
EP-20

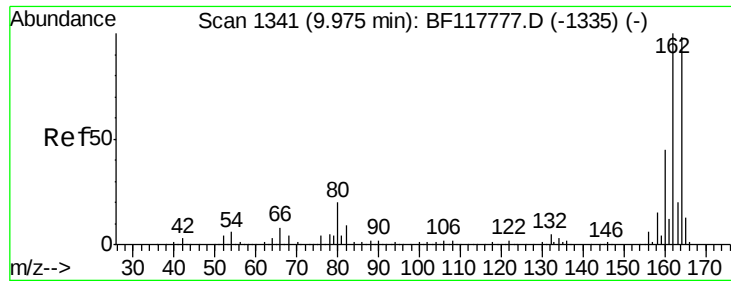
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 986155      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.5  | 9.0 13.4    |
| 54          | 7.7   | 5.4 8.2     |
| 68          | 6.0   | 4.3 6.5     |



#23  
Nitrobenzene-d5  
Concen: 77.566 ng  
RT: 7.48 min Scan# 917  
Delta R.T. -0.01 min  
Lab File: BF117823.D  
Acq: 16 Nov 2019 00:30

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 1286750     |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 49.4  | 38.9 58.3   |
| 54          | 51.1  | 39.8 59.6   |

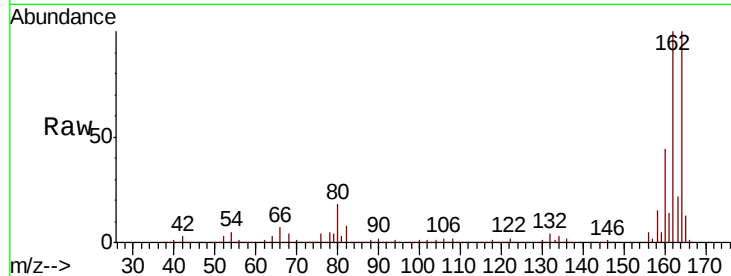




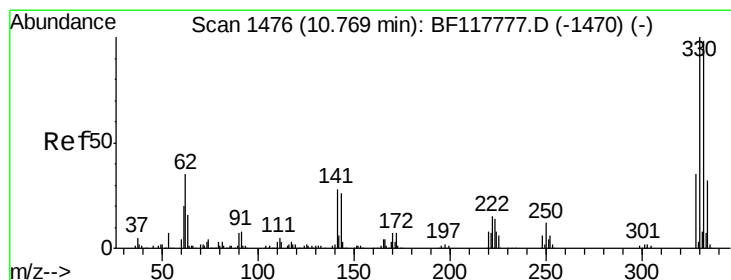
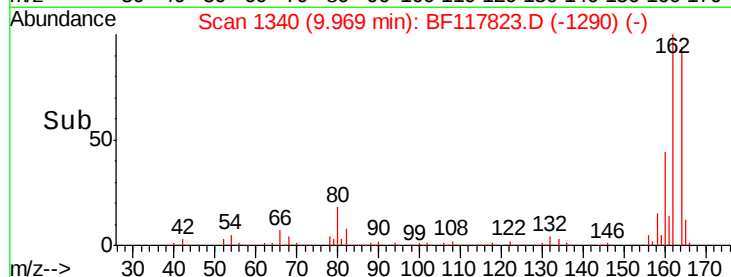
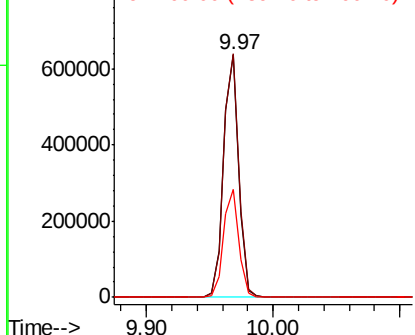
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. -0.01 min  
Lab File: BF117823.D  
Acq: 16 Nov 2019 00:30

Instrument :  
BNA\_F  
ClientSampleId :  
EP-20

Tot Ion:164 Resp: 532104  
Ion Ratio Lower Upper  
164 100  
162 100.5 81.3 121.9  
160 44.3 36.6 55.0

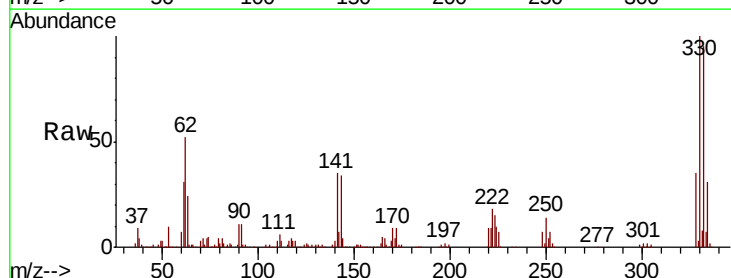


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

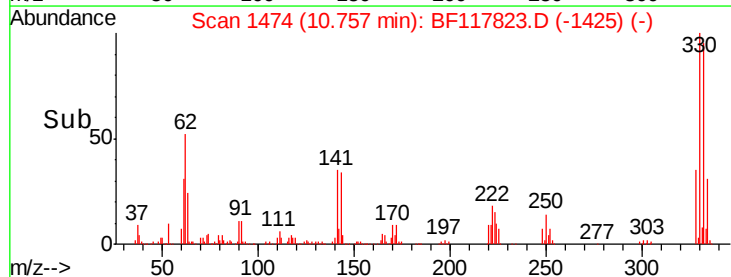
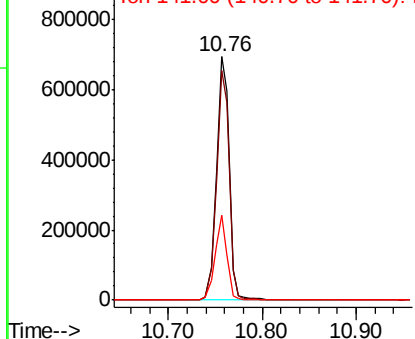


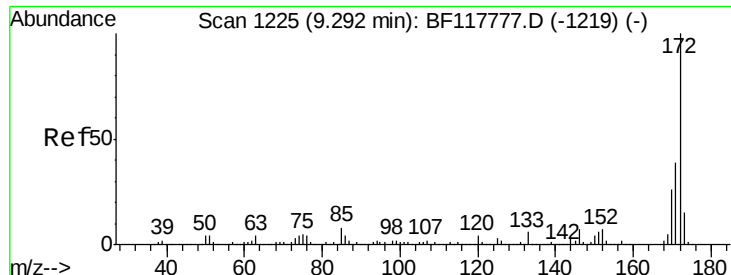
#42  
2,4,6-Tribromophenol  
Concen: 118.574 ng  
RT: 10.76 min Scan# 1474  
Delta R.T. -0.01 min  
Lab File: BF117823.D  
Acq: 16 Nov 2019 00:30

Tgt Ion:330 Resp: 667968  
Ion Ratio Lower Upper  
330 100  
332 94.6 76.7 115.1  
141 32.6 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

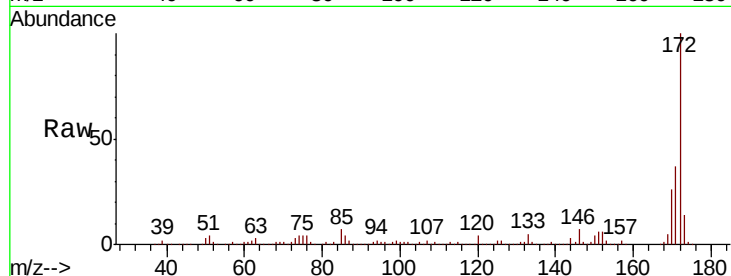




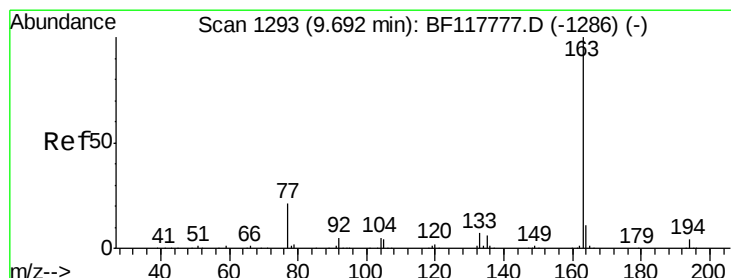
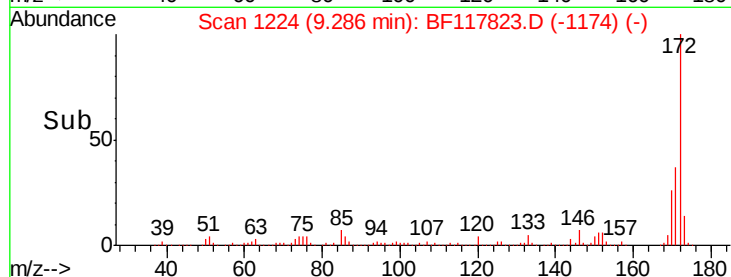
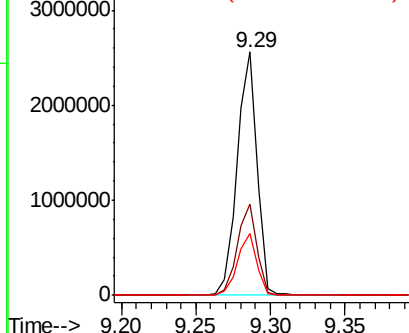
#45  
2-Fluorobiphenyl  
Concen: 80.683 ng  
RT: 9.29 min Scan# 1224  
Delta R.T. -0.01 min  
Lab File: BF117823.D  
Acq: 16 Nov 2019 00:30

Instrument :  
BNA\_F  
ClientSampleId :  
EP-20

Tot Ion:172 Resp: 2393018  
Ion Ratio Lower Upper  
172 100  
171 37.5 30.9 46.3  
170 25.7 21.0 31.4

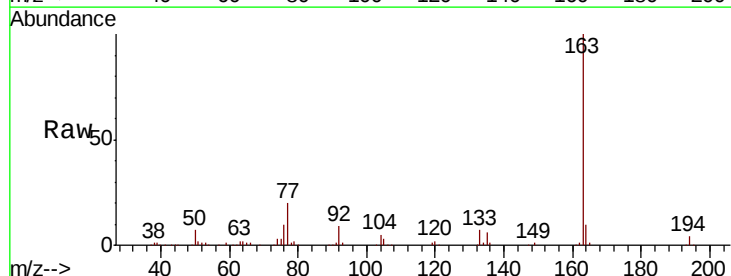


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

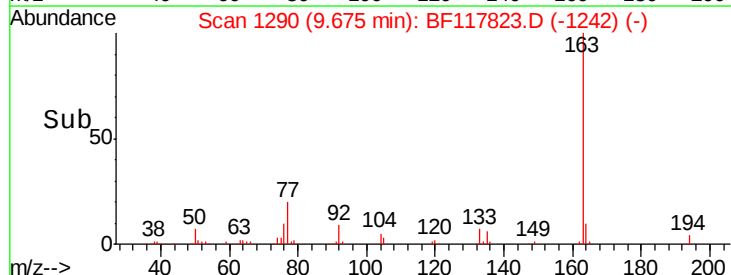
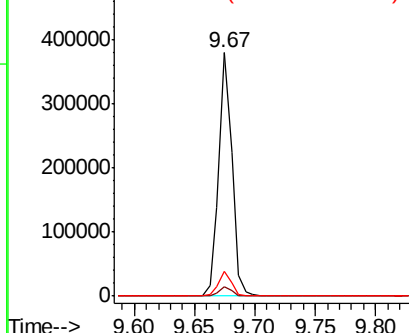


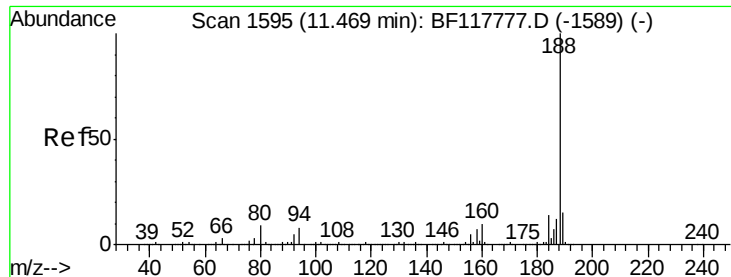
#50  
Dimethylphthalate  
Concen: 7.666 ng  
RT: 9.67 min Scan# 1290  
Delta R.T. -0.02 min  
Lab File: BF117823.D  
Acq: 16 Nov 2019 00:30

Tgt Ion:163 Resp: 286054  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 10.0 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

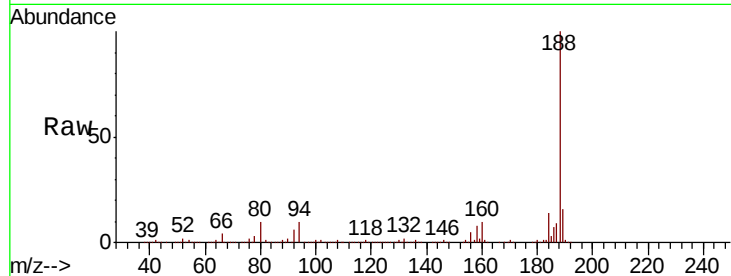




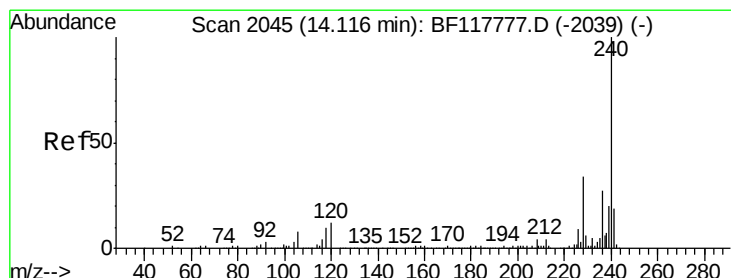
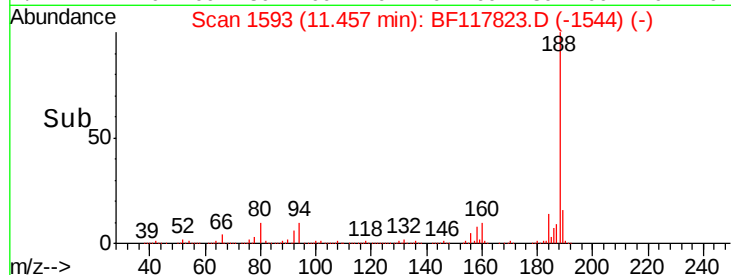
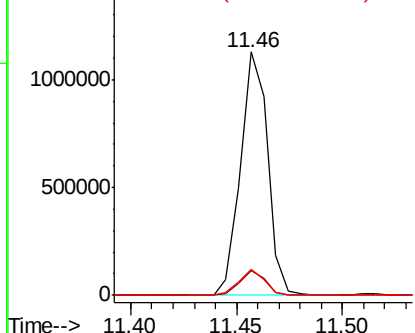
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.46 min Scan# 1593  
Delta R.T. -0.01 min  
Lab File: BF117823.D  
Acq: 16 Nov 2019 00:30

Instrument :  
BNA\_F  
ClientSampled :  
EP-20

Tot Ion:188 Resp: 1005063  
Ion Ratio Lower Upper  
188 100  
94 9.9 6.6 10.0  
80 10.4 7.2 10.8

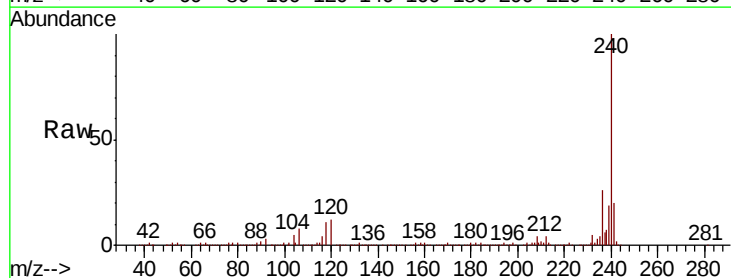


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

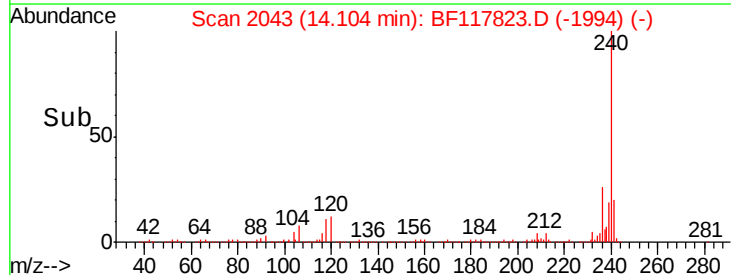
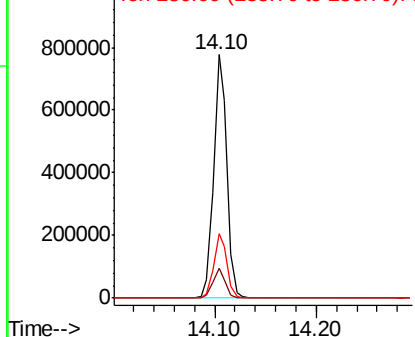


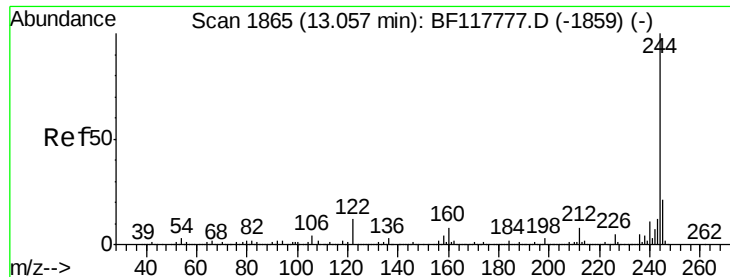
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.10 min Scan# 2043  
Delta R.T. -0.01 min  
Lab File: BF117823.D  
Acq: 16 Nov 2019 00:30

Tgt Ion:240 Resp: 700463  
Ion Ratio Lower Upper  
240 100  
120 12.3 9.5 14.3  
236 26.4 21.3 31.9



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: 73.275 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117823.D

Acq: 16 Nov 2019 00:30

Instrument :

BNA\_F

ClientSampleId :

EP-20

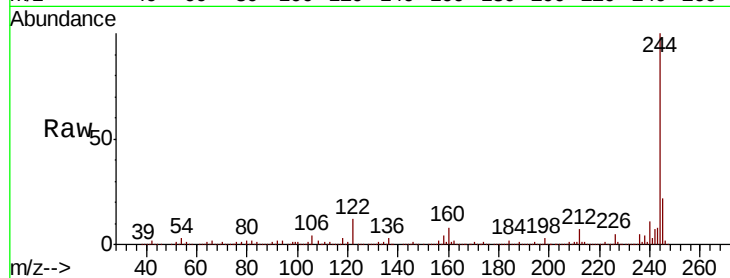
Tot Ion:244 Resp: 2808382

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.5   | 6.3   | 9.5   |
| 122 | 12.3  | 9.4   | 14.2  |

244 100

212 7.5 6.3 9.5

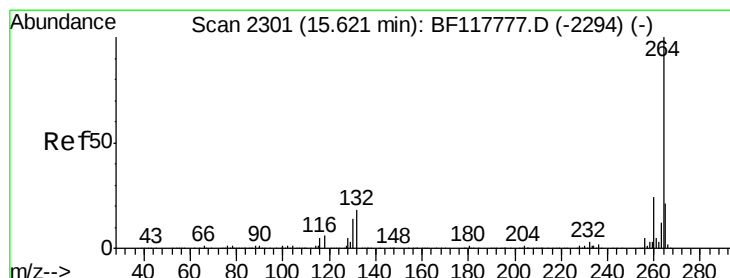
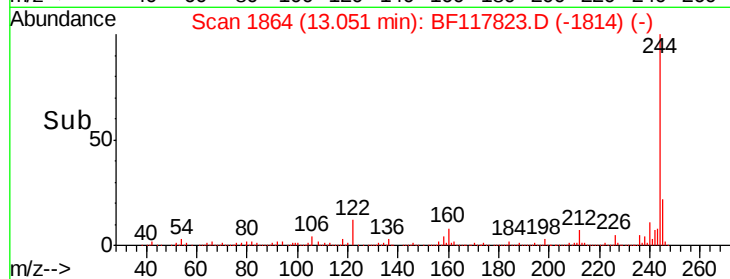
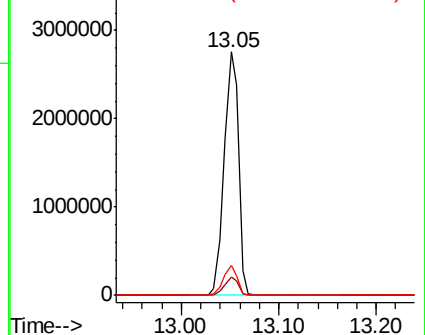
122 12.3 9.4 14.2



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: BF117823.D

Acq: 16 Nov 2019 00:30

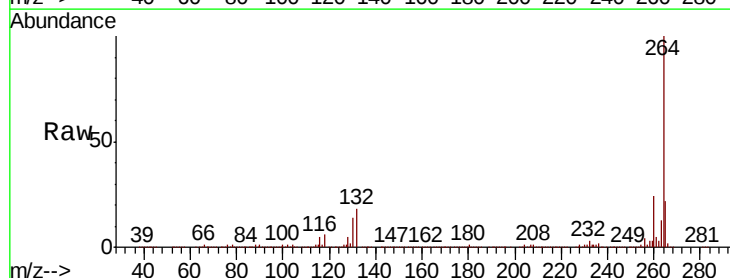
Tgt Ion:264 Resp: 780210

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 19.4  | 29.0  |
| 265 | 21.8  | 17.1  | 25.7  |

264 100

260 24.3 19.4 29.0

265 21.8 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

