

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\  
 Data File : BF117817.D  
 Acq On : 15 Nov 2019 21:47  
 Operator : JU  
 Sample : K5861-19  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-16

Quant Time: Nov 18 03:25:28 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

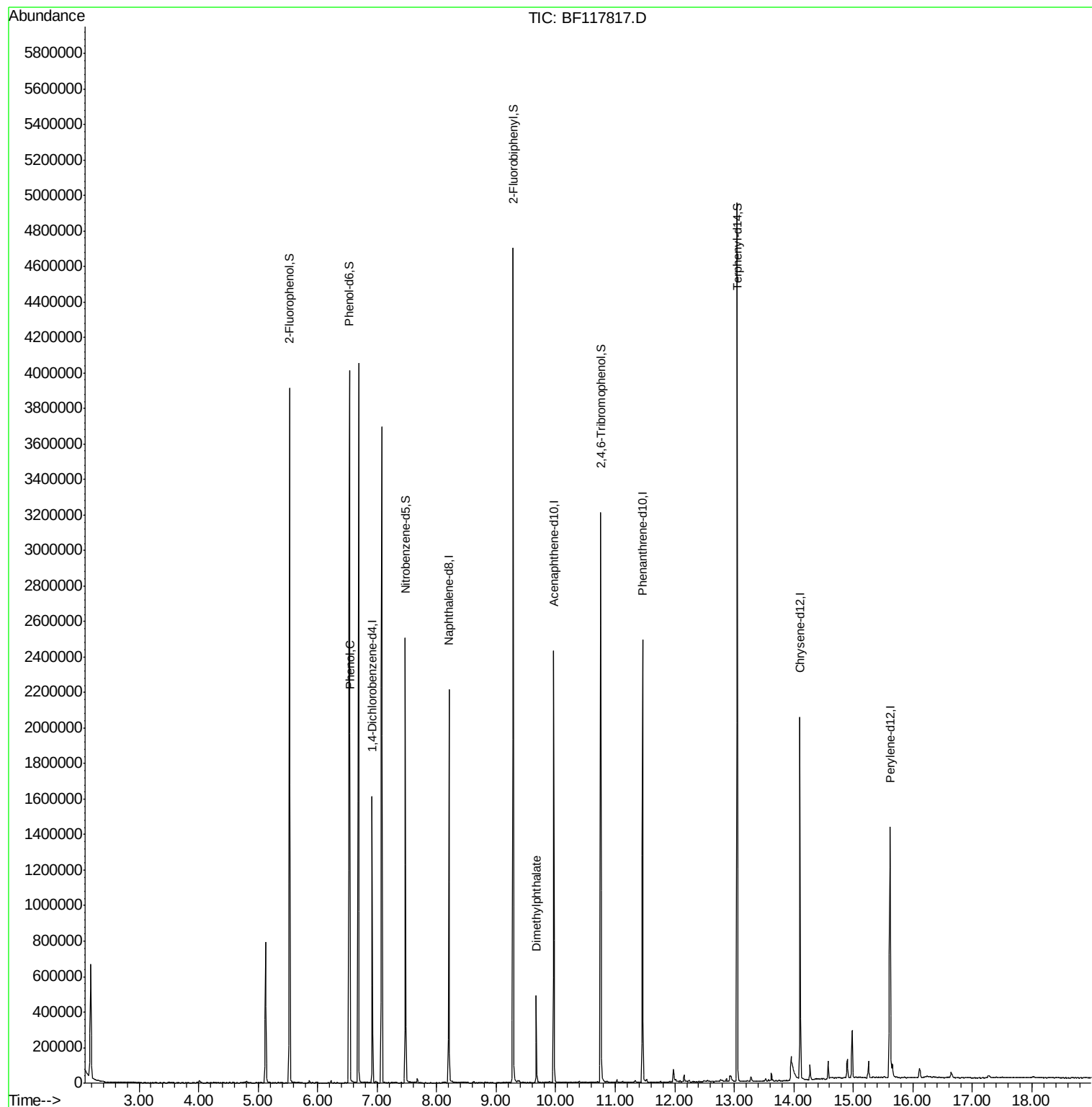
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.92  | 152  | 234505   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.20  | 136  | 922926   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.97  | 164  | 479015   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.46 | 188  | 914713   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.10 | 240  | 633287   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12            | 15.62 | 264  | 669816   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.53  | 112  | 1037802  | 78.34 | ng    | 0.00     |
| 7) Phenol-d6                | 6.53  | 99   | 1296233  | 81.12 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.47  | 82   | 776806   | 50.03 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.76 | 330  | 373854   | 73.72 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.29  | 172  | 1548748  | 58.00 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.05 | 244  | 1771489  | 51.12 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 6.55  | 94   | 58220    | 3.506 | ng    | 93       |
| 50) Dimethylphthalate       | 9.67  | 163  | 179111   | 5.332 | ng    | 98       |

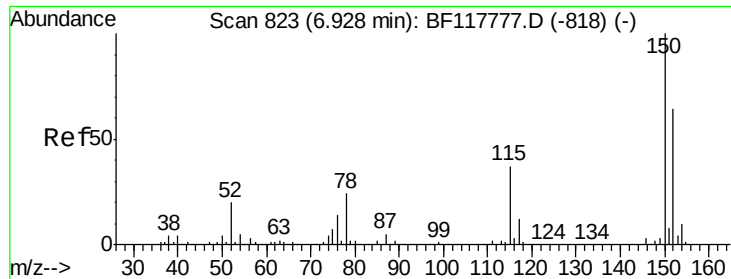
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\  
Data File : BF117817.D  
Acq On : 15 Nov 2019 21:47  
Operator : JU  
Sample : K5861-19  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EP-16

Quant Time: Nov 18 03:25:28 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



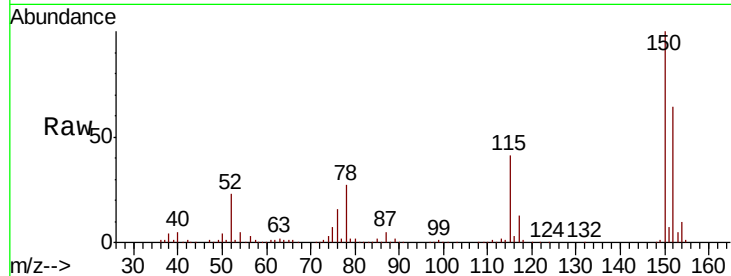


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. -0.01 min  
 Lab File: BF117817.D  
 Acq: 15 Nov 2019 21:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-16

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 125.3 | 187.9 |
| 115     | 64.2  | 47.0  | 70.4  |

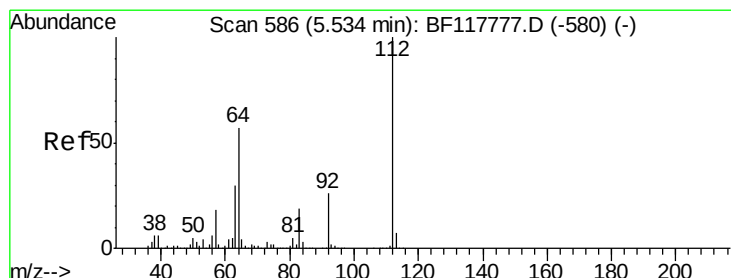
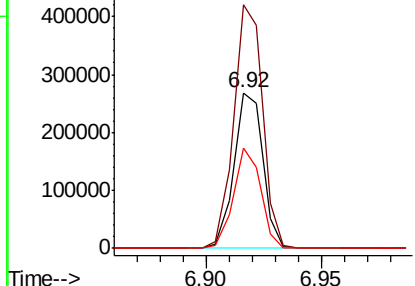
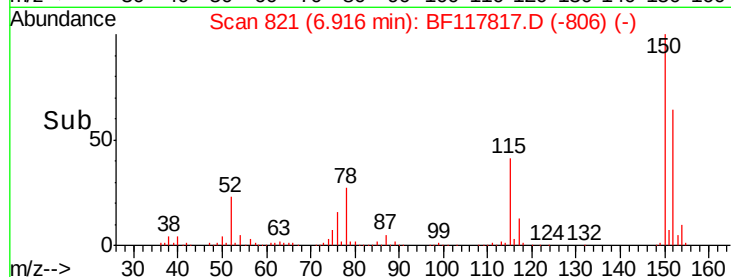


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

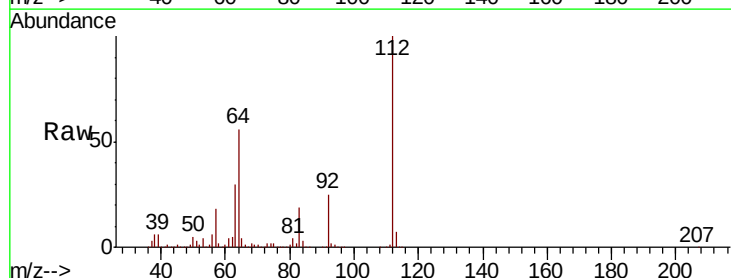
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
 Concen: 78.336 ng  
 RT: 5.53 min Scan# 585  
 Delta R.T. -0.01 min  
 Lab File: BF117817.D  
 Acq: 15 Nov 2019 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.9  | 45.6  | 68.4  |
| 63      | 29.8  | 24.1  | 36.1  |

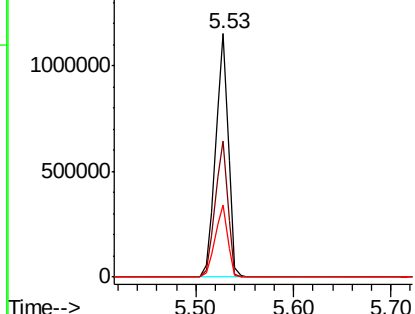
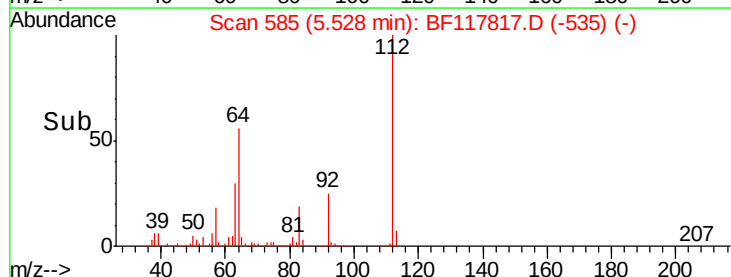


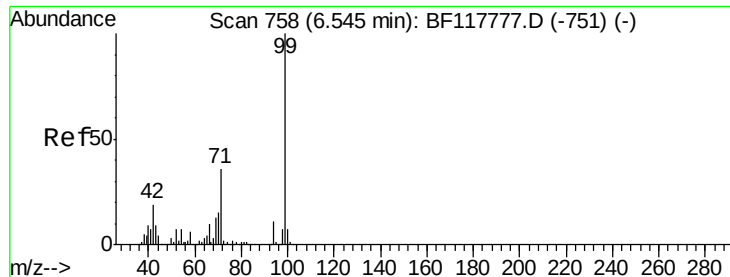
Abundance

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: 81.119 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117817.D

Acq: 15 Nov 2019 21:47

Instrument :

BNA\_F

ClientSampleId :

EP-16

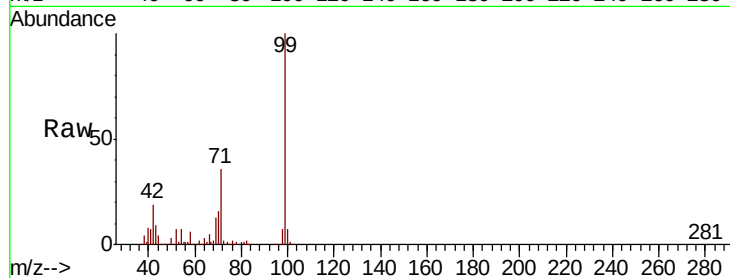
Tot Ion: 99 Resp: 1296233

Ion Ratio Lower Upper

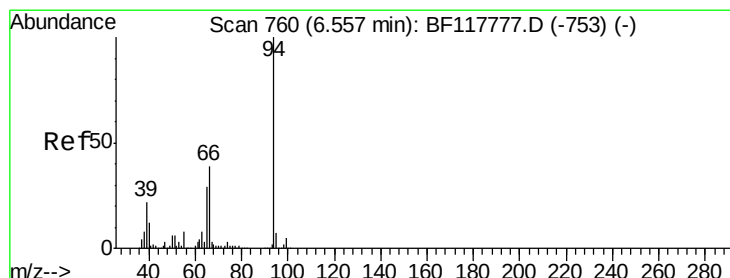
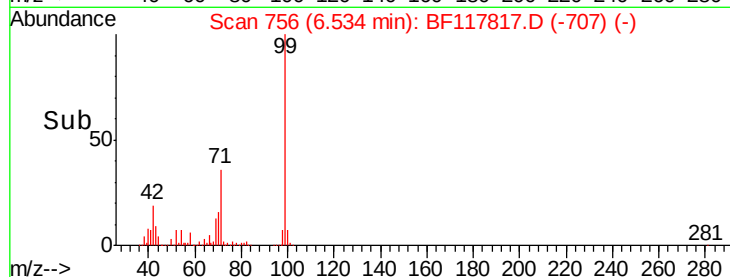
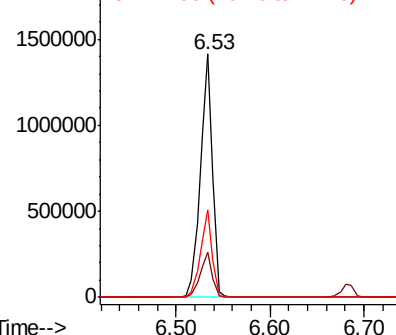
99 100

42 18.6 14.9 22.3

71 35.8 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: 3.506 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117817.D

Acq: 15 Nov 2019 21:47

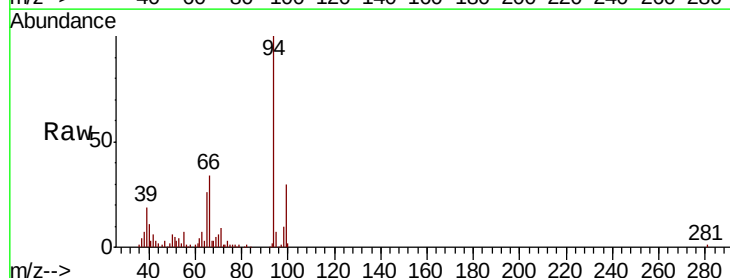
Tgt Ion: 94 Resp: 58220

Ion Ratio Lower Upper

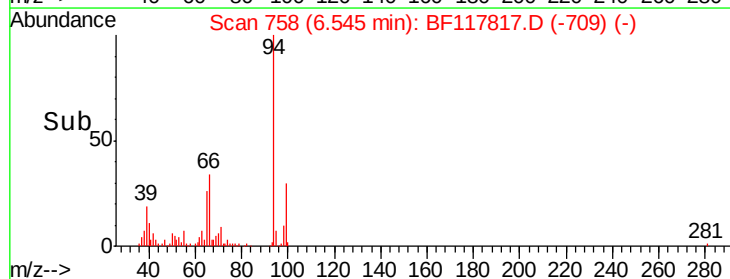
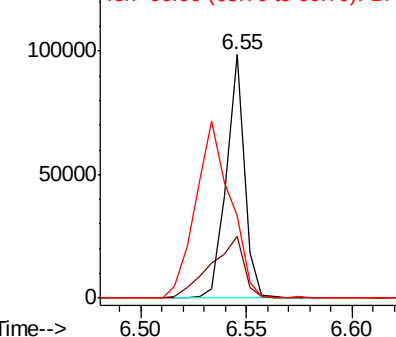
94 100

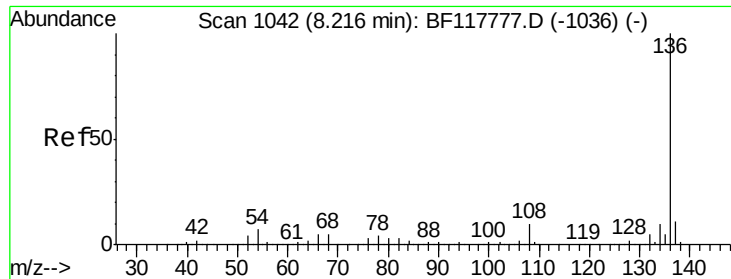
65 25.6 8.9 48.9

66 33.7 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

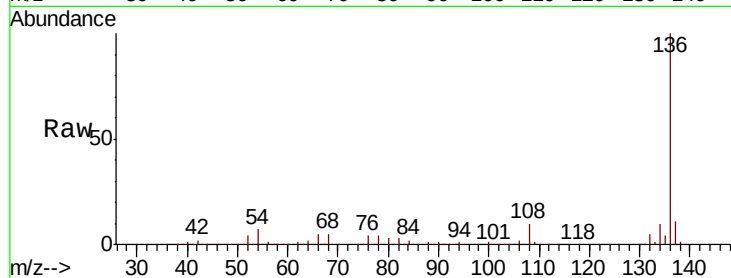




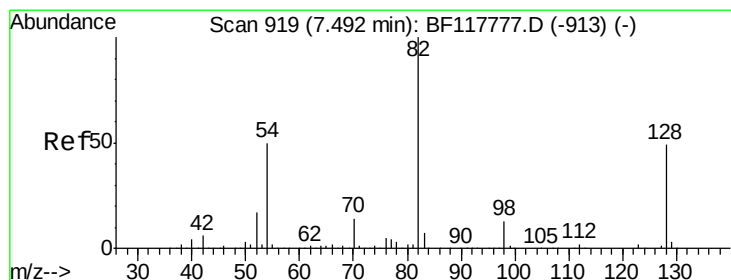
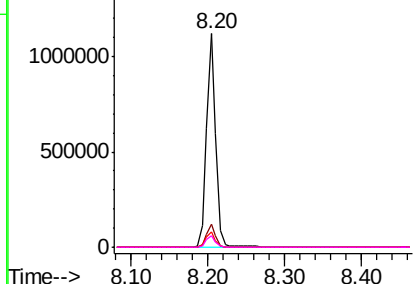
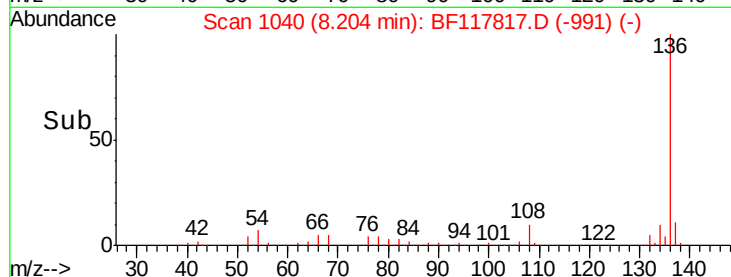
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. -0.01 min  
Lab File: BF117817.D  
Acq: 15 Nov 2019 21:47

Instrument :  
BNA\_F  
ClientSampleId :  
EP-16

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 922926   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 9.0 13.4 |
| 54          | 7.5   | 5.4 8.2  |
| 68          | 5.5   | 4.3 6.5  |

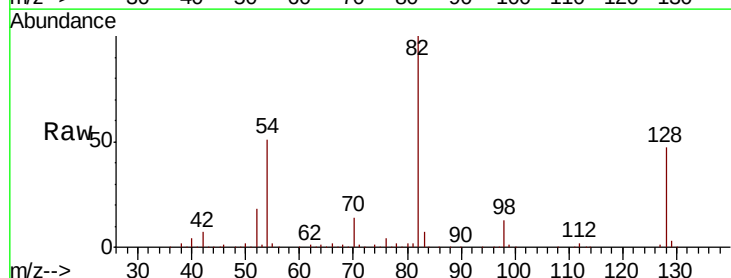


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

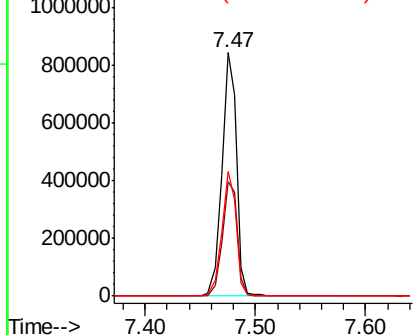
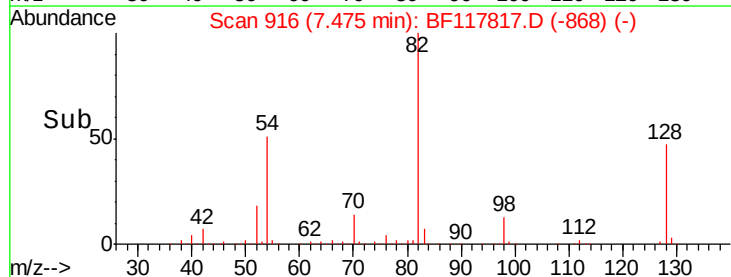


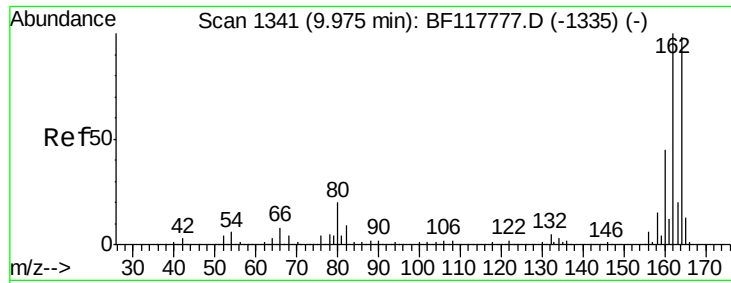
#23  
Nitrobenzene-d5  
Concen: 50.034 ng  
RT: 7.47 min Scan# 916  
Delta R.T. -0.02 min  
Lab File: BF117817.D  
Acq: 15 Nov 2019 21:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 776806    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 47.2  | 38.9 58.3 |
| 54          | 51.1  | 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

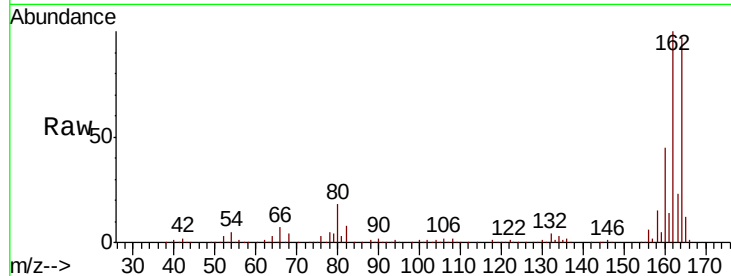




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. -0.01 min  
Lab File: BF117817.D  
Acq: 15 Nov 2019 21:47

Instrument :  
BNA\_F  
ClientSampleId :  
EP-16

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.1 | 81.3  | 121.9 |
| 160     | 46.5  | 36.6  | 55.0  |

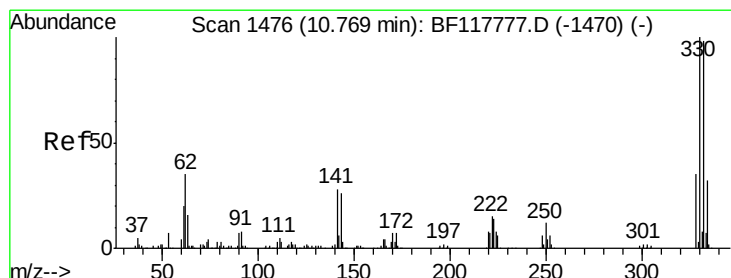
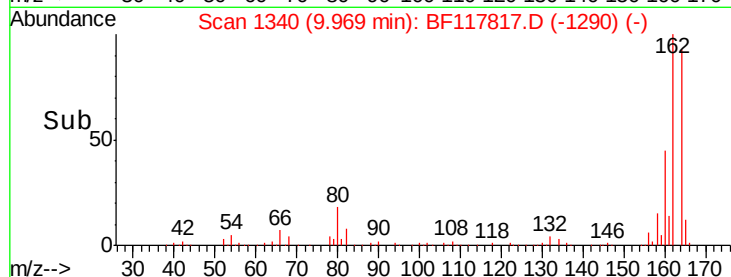
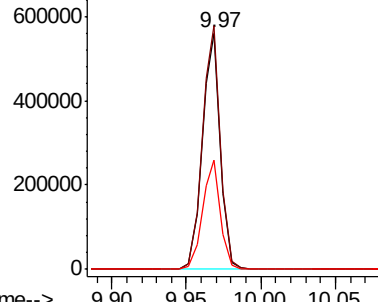


Abundance

Ion 164.00 (163.70 to 164.70): E

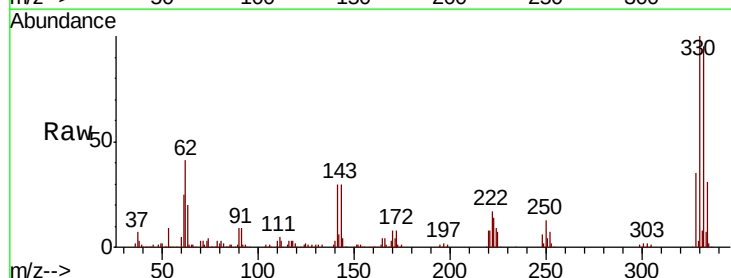
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42  
2,4,6-Tribromophenol  
Concen: 73.720 ng  
RT: 10.76 min Scan# 1474  
Delta R.T. -0.01 min  
Lab File: BF117817.D  
Acq: 15 Nov 2019 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 76.7  | 115.1 |
| 141     | 33.7  | 27.7  | 41.5  |

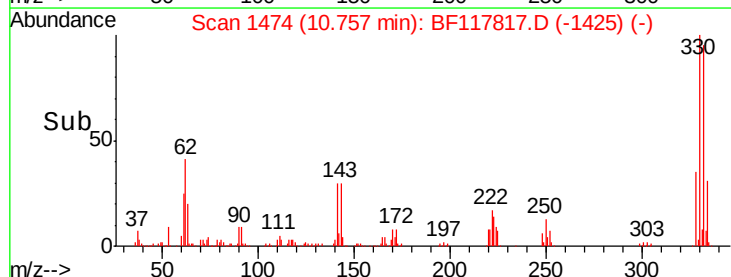
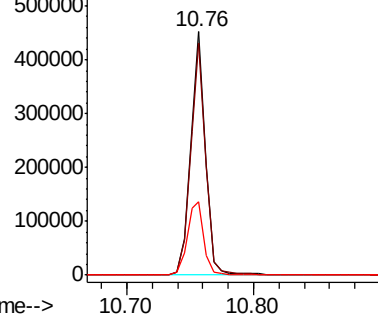


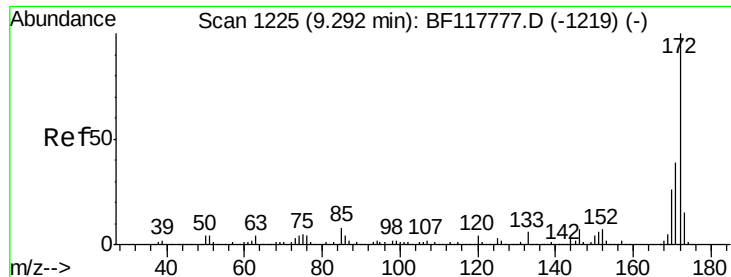
Abundance

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

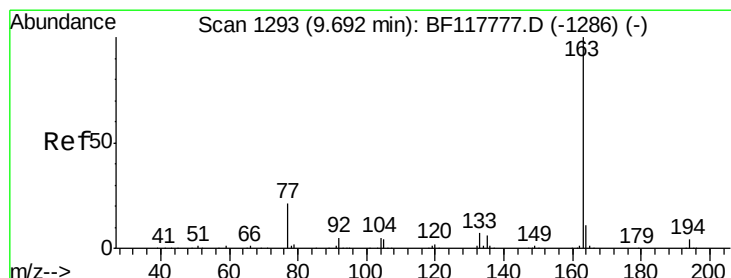
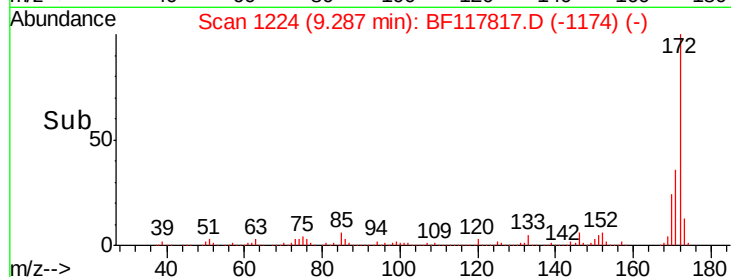
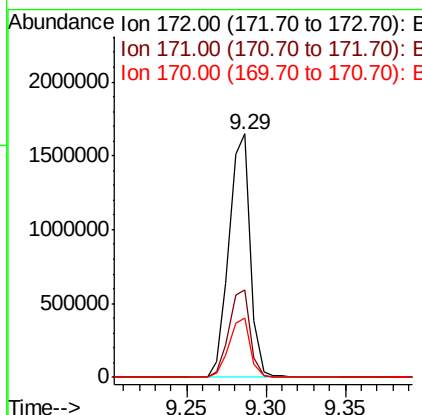
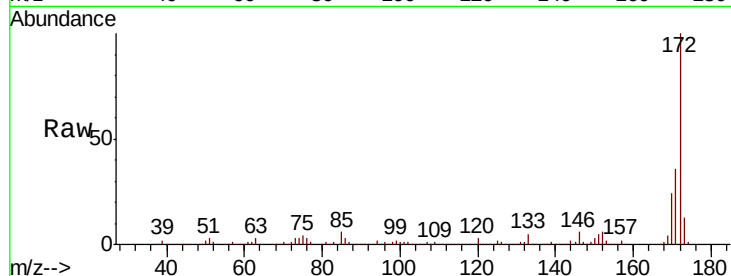




#45  
 2-Fluorobiphenyl  
 Concen: 58.005 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. -0.01 min  
 Lab File: BF117817.D  
 Acq: 15 Nov 2019 21:47

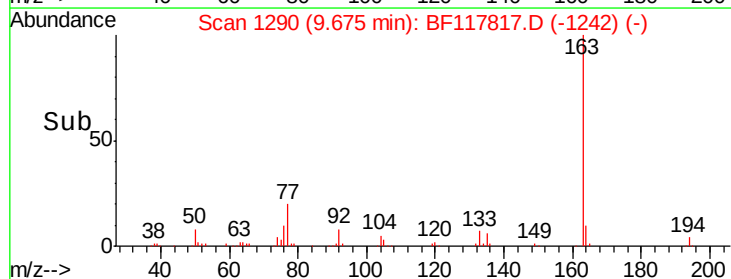
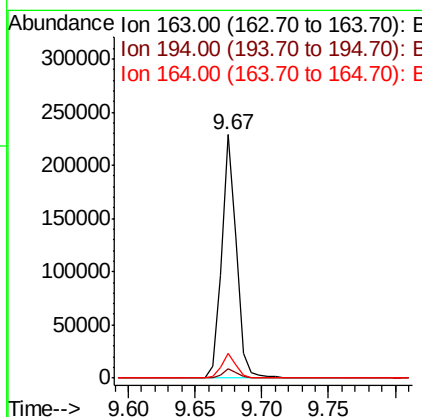
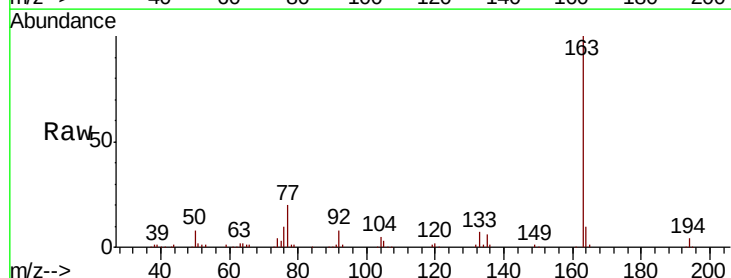
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-16

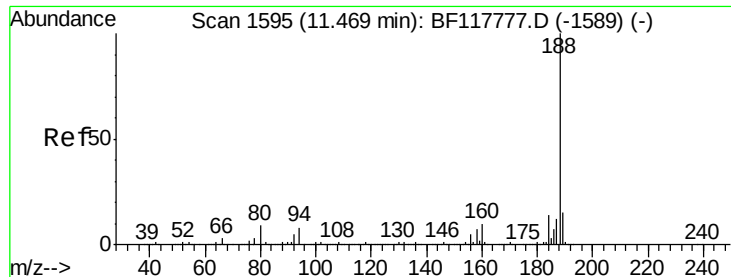
Tot Ion:172 Resp: 1548748  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 30.9 46.3  
 170 24.1 21.0 31.4



#50  
 Dimethylphthalate  
 Concen: 5.332 ng  
 RT: 9.67 min Scan# 1290  
 Delta R.T. -0.02 min  
 Lab File: BF117817.D  
 Acq: 15 Nov 2019 21:47

Tgt Ion:163 Resp: 179111  
 Ion Ratio Lower Upper  
 163 100  
 194 3.6 3.3 4.9  
 164 10.1 8.7 13.1

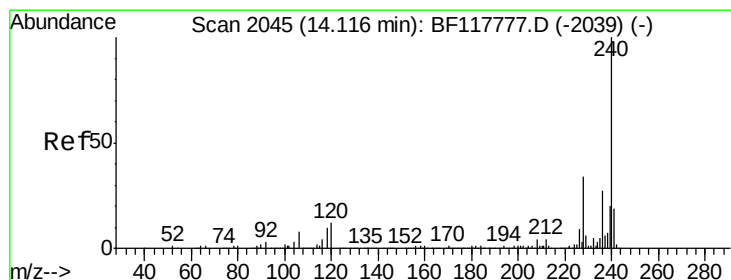
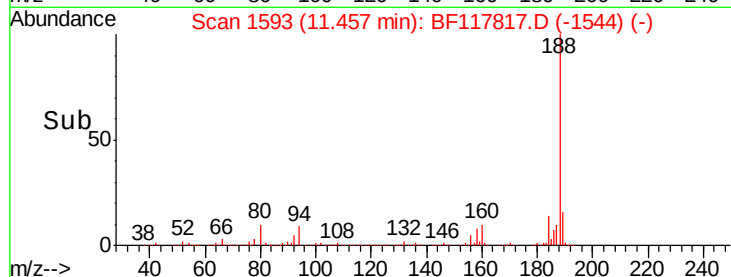
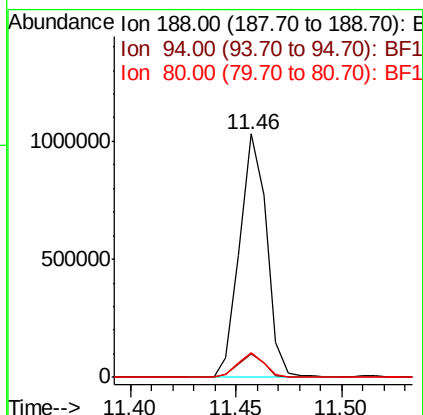
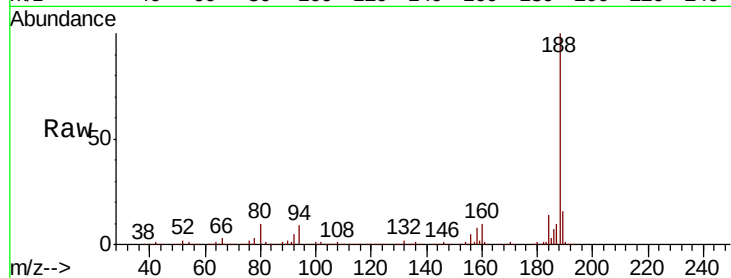




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.46 min Scan# 1593  
Delta R.T. -0.01 min  
Lab File: BF117817.D  
Acq: 15 Nov 2019 21:47

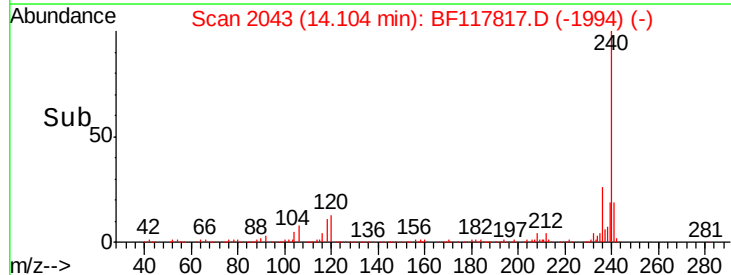
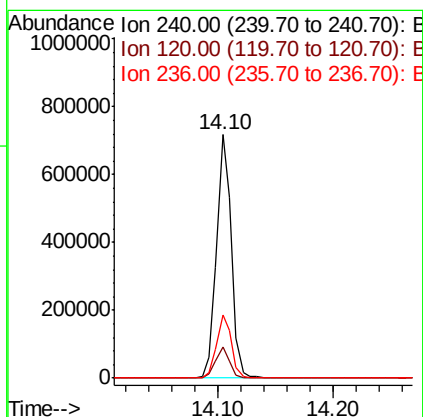
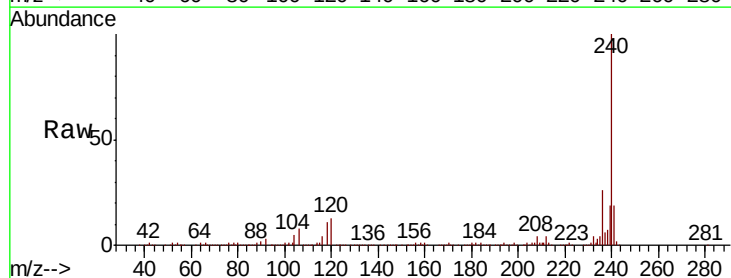
Instrument :  
BNA\_F  
ClientSampled :  
EP-16

Tot Ion:188 Resp: 914713  
Ion Ratio Lower Upper  
188 100  
94 9.4 6.6 10.0  
80 9.9 7.2 10.8

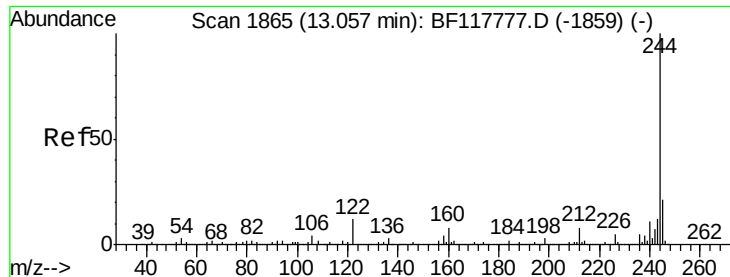


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.10 min Scan# 2043  
Delta R.T. -0.01 min  
Lab File: BF117817.D  
Acq: 15 Nov 2019 21:47

Tgt Ion:240 Resp: 633287  
Ion Ratio Lower Upper  
240 100  
120 12.6 9.5 14.3  
236 25.9 21.3 31.9







#79

Terphenyl-d14

Concen: 51.124 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117817.D

Acq: 15 Nov 2019 21:47

Instrument :

BNA\_F

ClientSampleId :

EP-16

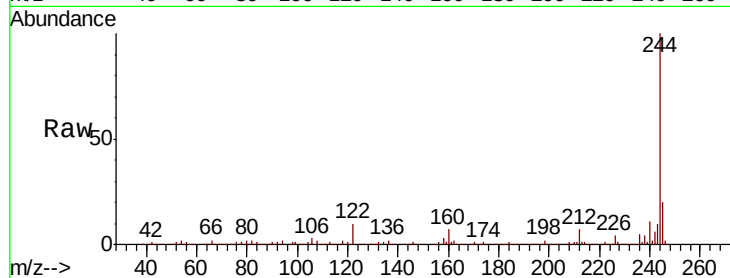
Tot Ion:244 Resp: 1771489

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

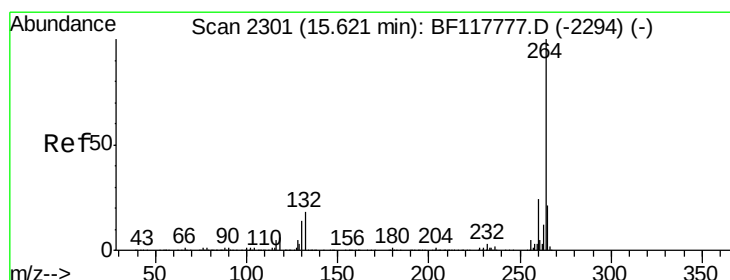
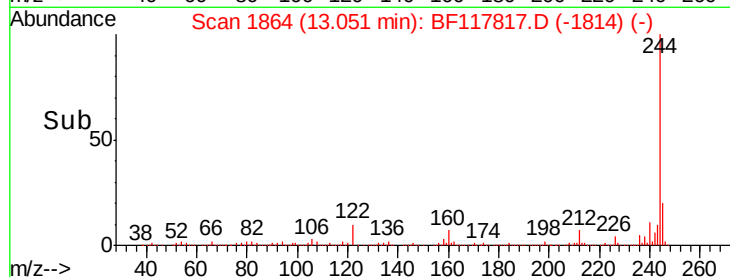
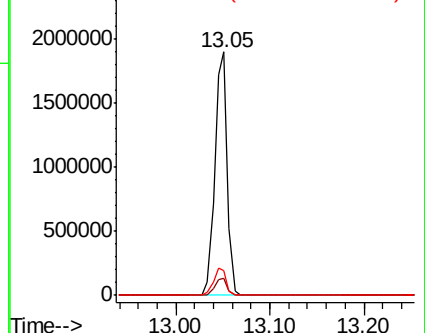
122 9.9 9.4 14.2



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: BF117817.D

Acq: 15 Nov 2019 21:47

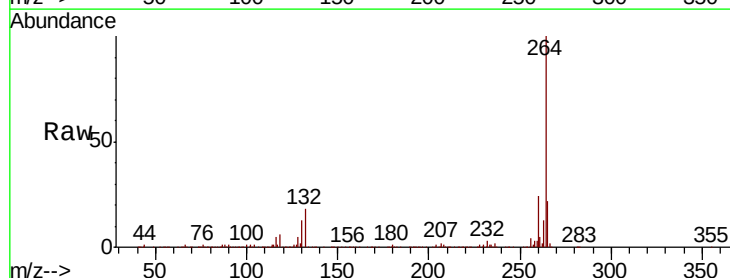
Tgt Ion:264 Resp: 669816

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 21.6 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

