

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\  
 Data File : BF118128.D  
 Acq On : 7 Dec 2019 14:49  
 Operator : JU  
 Sample : K6177-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-2

Quant Time: Dec 09 06:52:49 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 06 17:34:43 2019  
 Response via : Initial Calibration

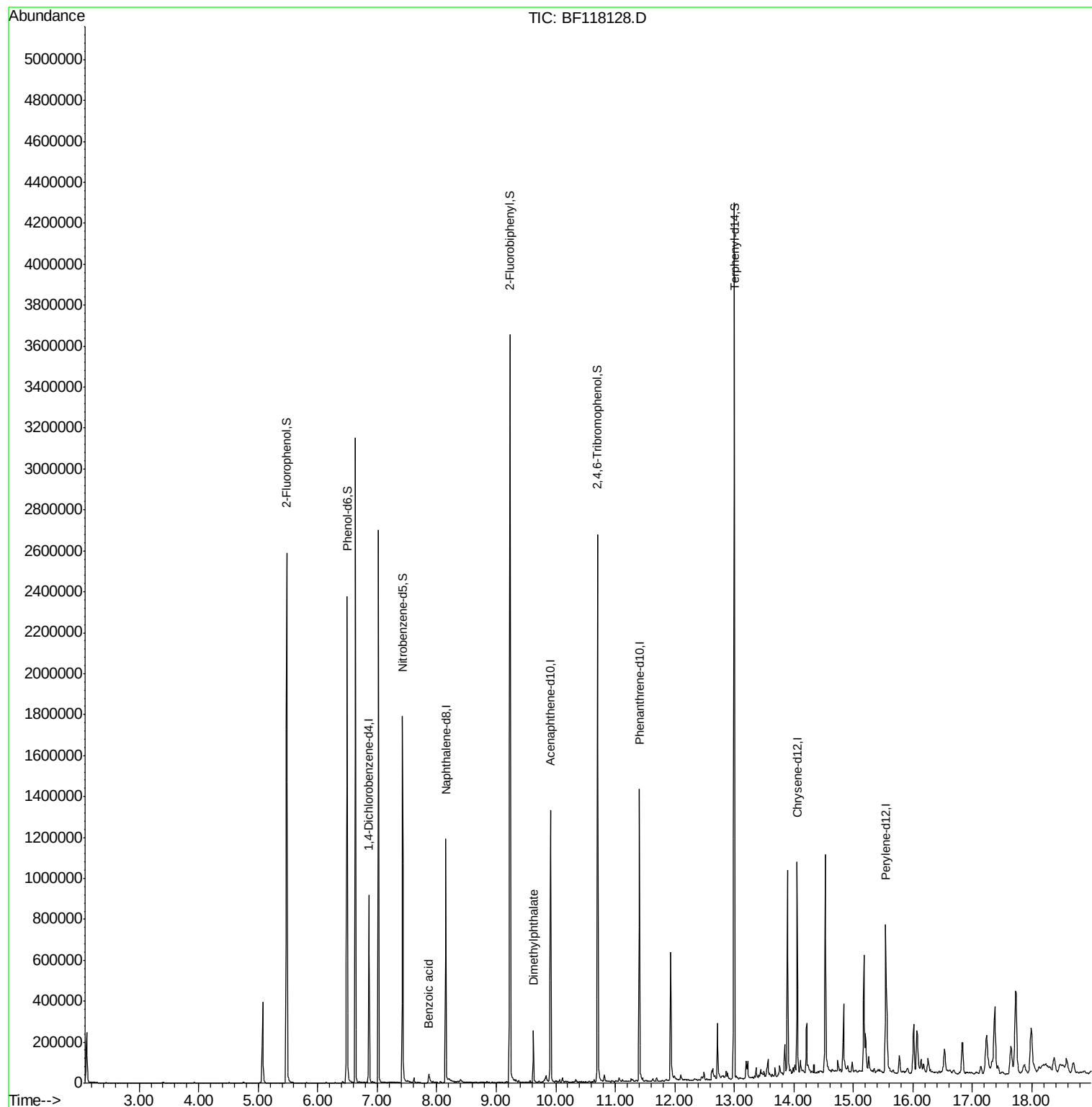
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 129087   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.15  | 136  | 506444   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.91  | 164  | 272194   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.40 | 188  | 516442   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.06 | 240  | 326692   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 15.54 | 264  | 308836   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.48  | 112  | 737295   | 100.04 | ng    | 0.00     |
| 7) Phenol-d6                | 6.50  | 99   | 935296   | 104.92 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 557425   | 61.92  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.70 | 330  | 328703   | 99.41  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.23  | 172  | 1156556  | 64.65  | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.00 | 244  | 1399888  | 73.69  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 32) Benzoic acid            | 7.87  | 122  | 17031    | 2.991  | ng    | 96       |
| 50) Dimethylphthalate       | 9.62  | 163  | 98343    | 4.891  | ng    | 99       |

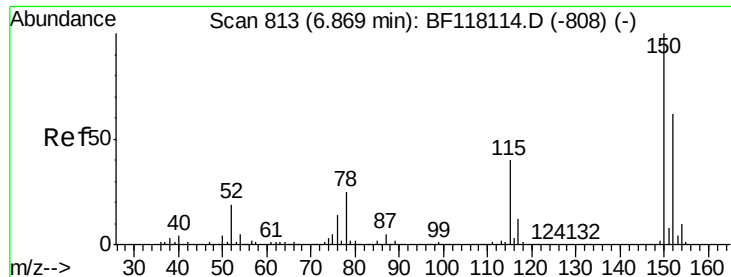
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\  
Data File : BF118128.D  
Acq On : 7 Dec 2019 14:49  
Operator : JU  
Sample : K6177-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EP-2

Quant Time: Dec 09 06:52:49 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 06 17:34:43 2019  
Response via : Initial Calibration



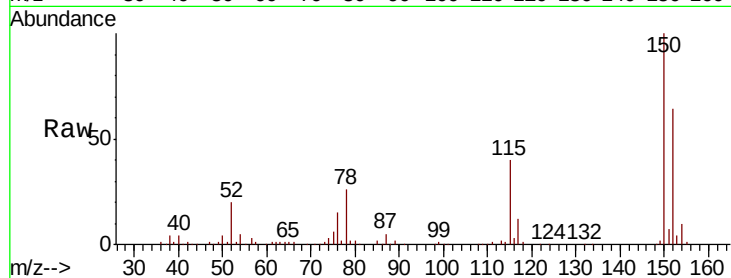


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 812  
Delta R.T. -0.01 min  
Lab File: BF118128.D  
Acq: 7 Dec 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
EP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.0 | 128.3 | 192.5 |
| 115     | 62.4  | 51.1  | 76.7  |

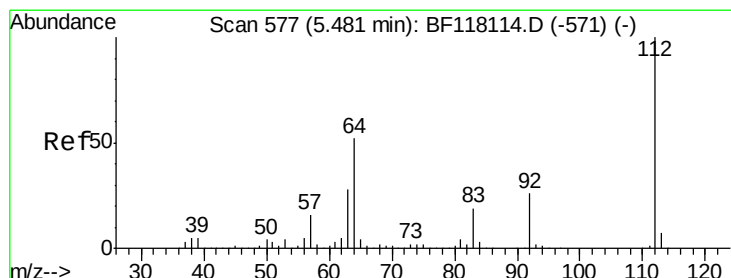
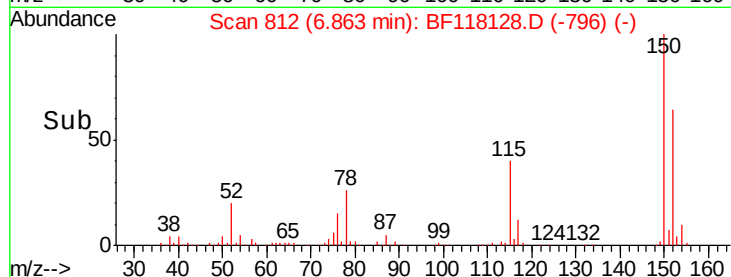
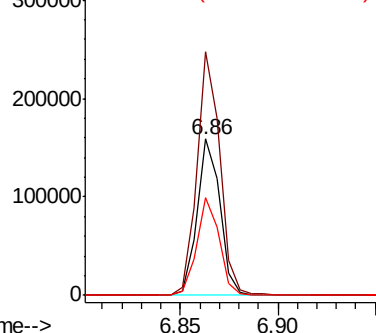


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

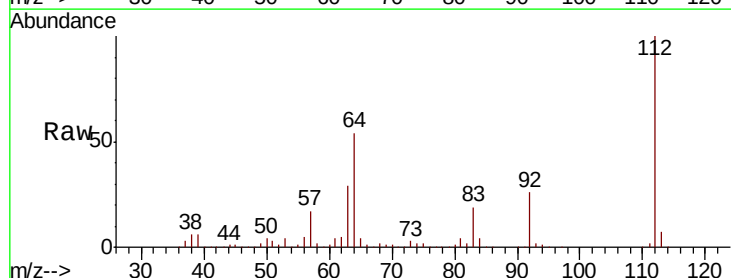
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 100.037 ng  
RT: 5.48 min Scan# 577  
Delta R.T. -0.00 min  
Lab File: BF118128.D  
Acq: 7 Dec 2019 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 53.9  | 41.3  | 61.9  |
| 63      | 29.4  | 22.4  | 33.6  |

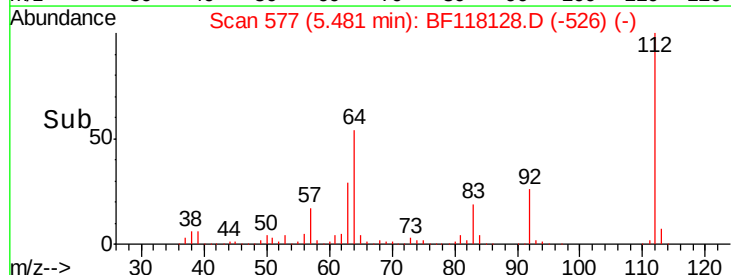
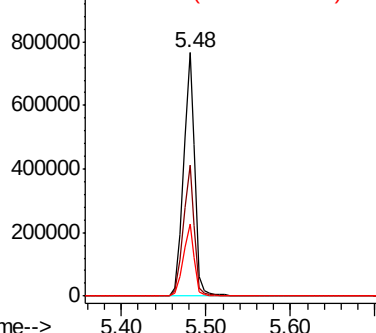


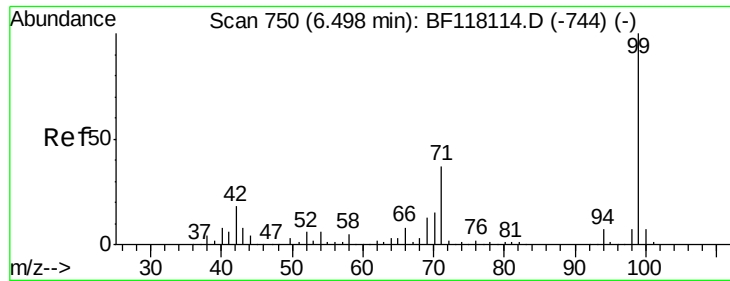
Abundance

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: 104.918 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118128.D

Acq: 7 Dec 2019 14:49

Instrument :

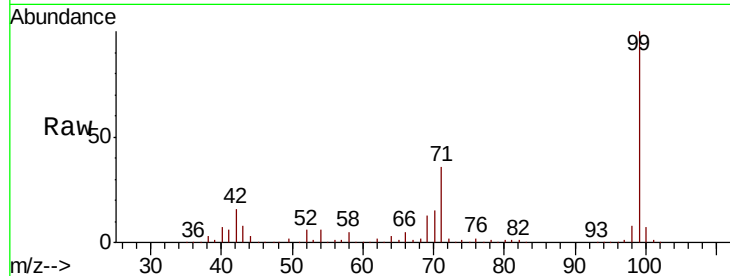
BNA\_F

ClientSampled :

EP-2

Tot Ion: 99 Resp: 935296

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.0  | 14.1  | 21.1  |
| 71  | 35.7  | 29.7  | 44.5  |

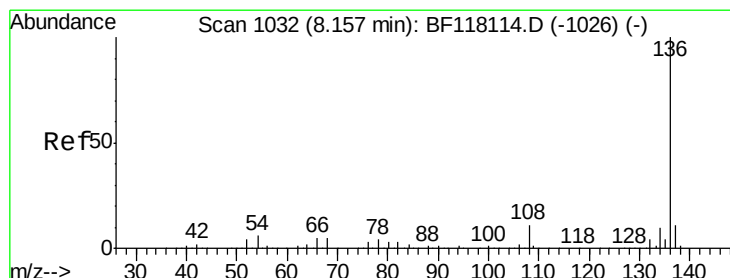
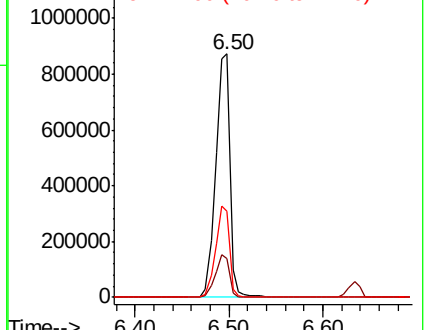
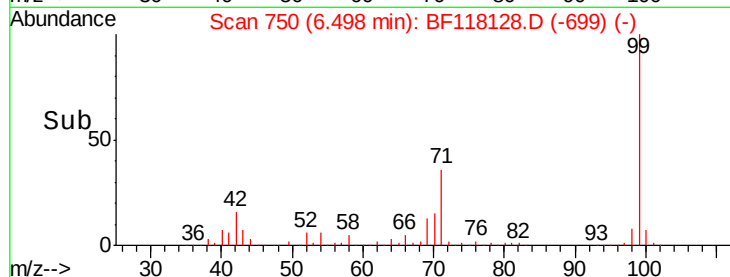


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

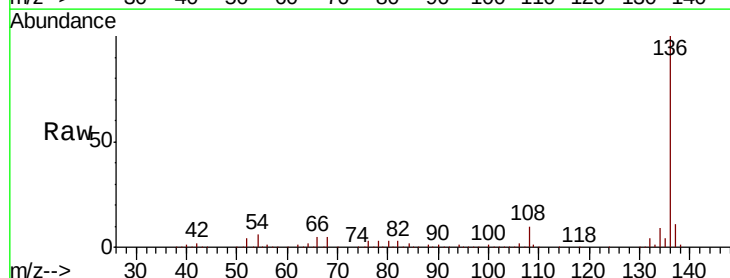
Delta R.T. -0.01 min

Lab File: BF118128.D

Acq: 7 Dec 2019 14:49

Tgt Ion: 136 Resp: 506444

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 9.0   | 13.6  |
| 54  | 6.1   | 5.0   | 7.6   |
| 68  | 4.8   | 3.8   | 5.8   |



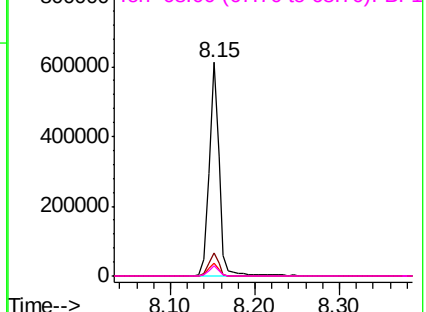
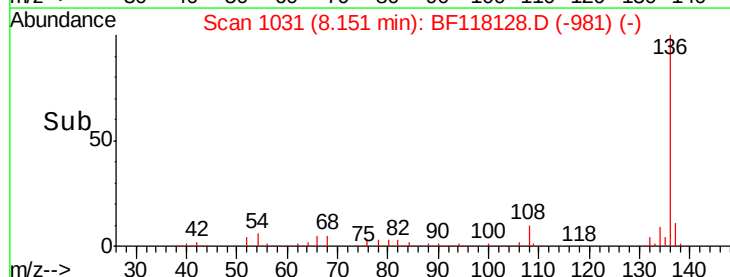
Abundance

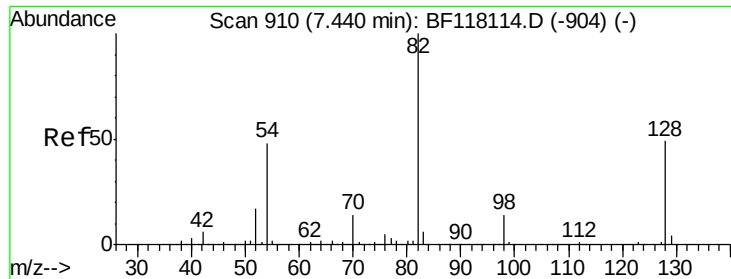
Ion 136.00 (135.70 to 136.70): E

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

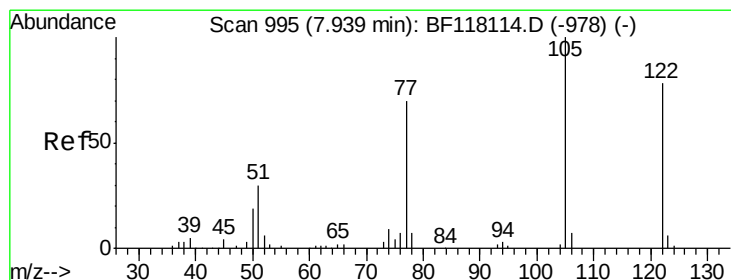
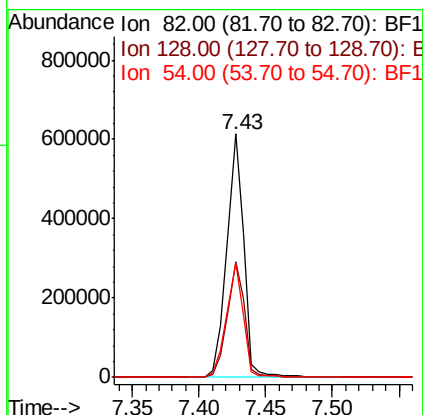
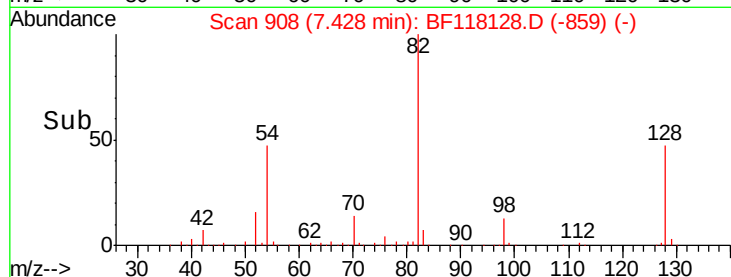
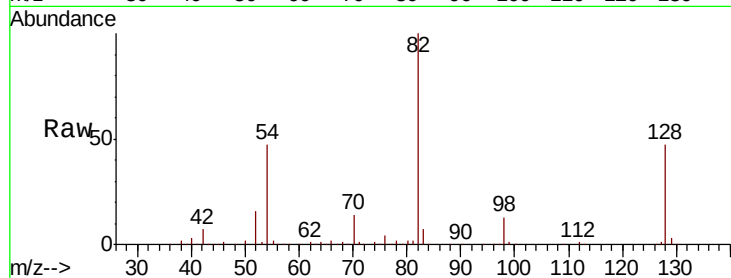




#23  
Nitrobenzene-d5  
Concen: 61.921 ng  
RT: 7.43 min Scan# 908  
Delta R.T. -0.01 min  
Lab File: BF118128.D  
Acq: 7 Dec 2019 14:49

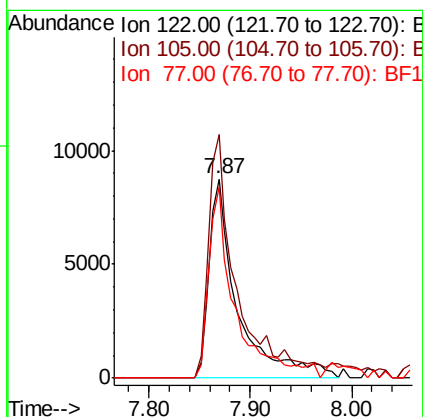
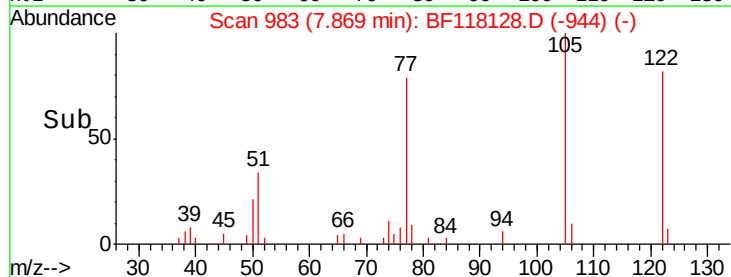
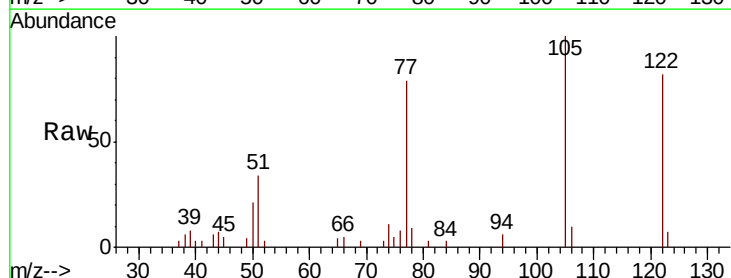
Instrument :  
BNA\_F  
ClientSampleId :  
EP-2

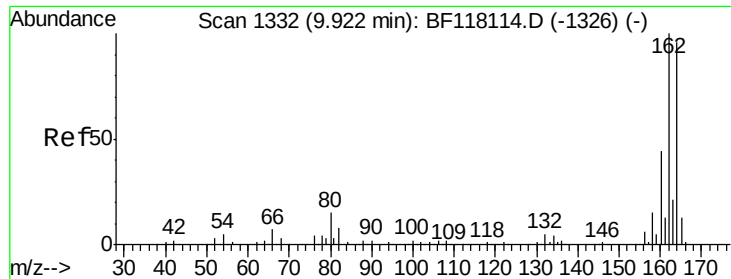
Tot Ion: 82 Resp: 557425  
Ion Ratio Lower Upper  
82 100  
128 47.4 39.1 58.7  
54 46.8 38.2 57.2



#32  
Benzoic acid  
Concen: 2.991 ng  
RT: 7.87 min Scan# 983  
Delta R.T. -0.07 min  
Lab File: BF118128.D  
Acq: 7 Dec 2019 14:49

Tgt Ion: 122 Resp: 17031  
Ion Ratio Lower Upper  
122 100  
105 122.1 104.7 144.7  
77 95.9 69.1 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118128.D

Acq: 7 Dec 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

EP-2

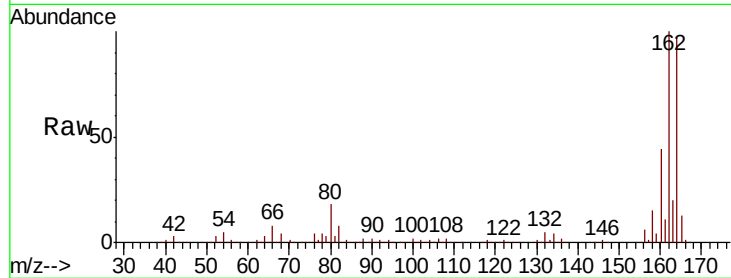
Tot Ion:164 Resp: 272194

Ion Ratio Lower Upper

164 100

162 102.6 83.4 125.0

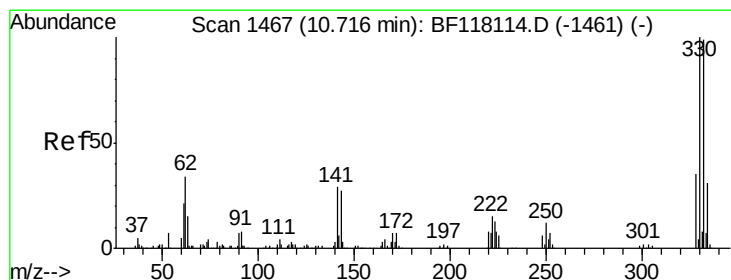
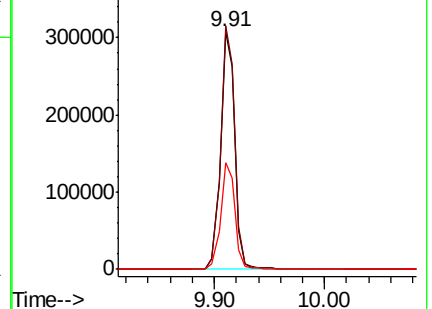
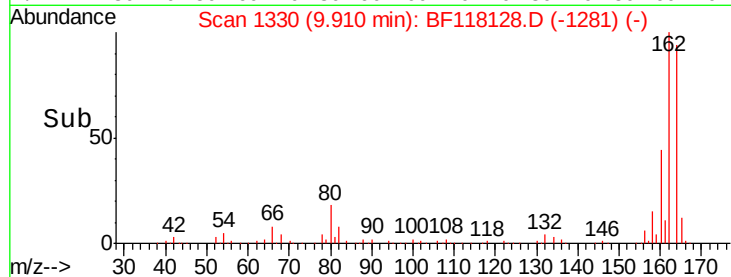
160 44.9 36.6 54.8



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: 99.406 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118128.D

Acq: 7 Dec 2019 14:49

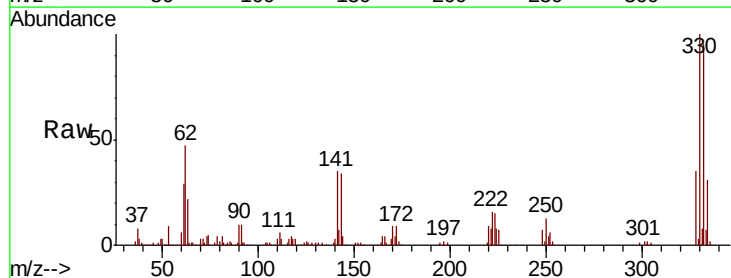
Tgt Ion:330 Resp: 328703

Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

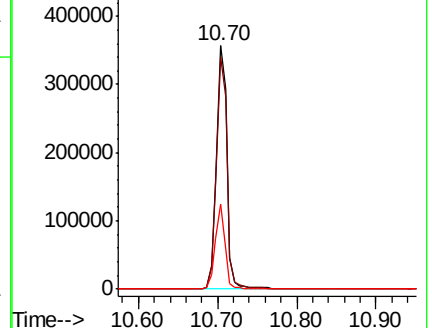
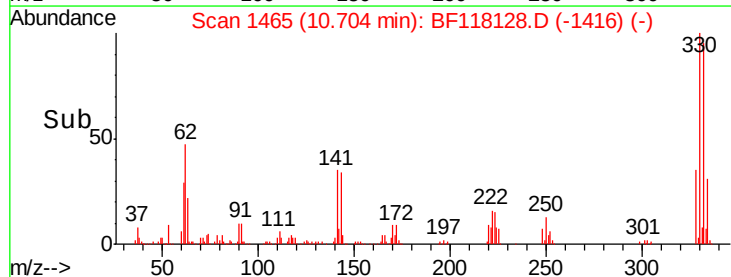
141 31.7 26.9 40.3

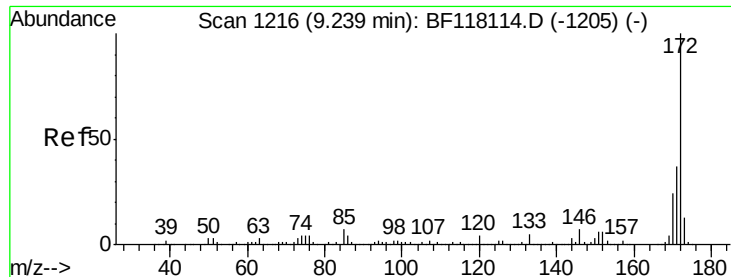


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

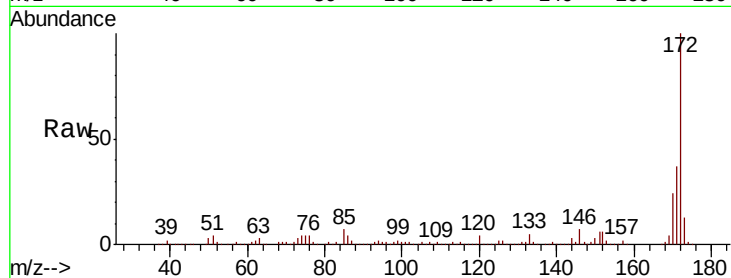




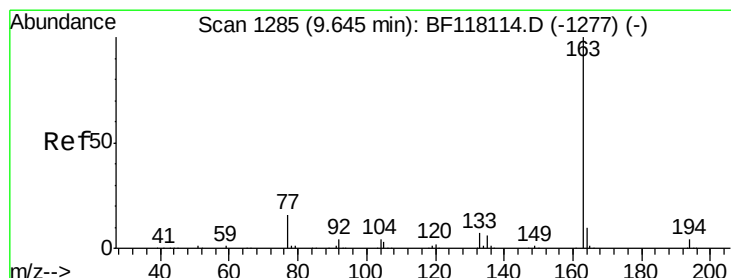
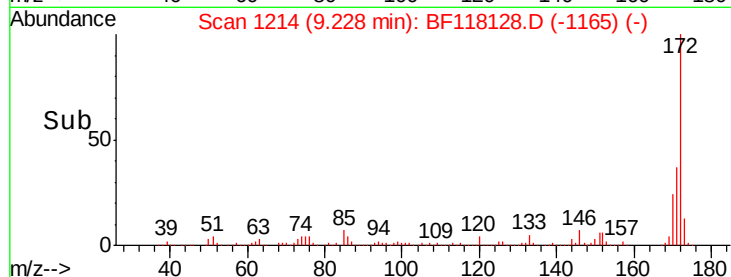
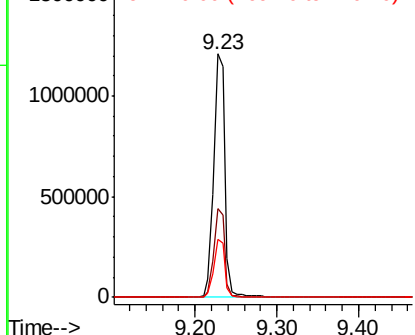
#45  
2-Fluorobiphenyl  
Concen: 64.655 ng  
RT: 9.23 min Scan# 1214  
Delta R.T. -0.01 min  
Lab File: BF118128.D  
Acq: 7 Dec 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
EP-2

Tot Ion:172 Resp: 1156556  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.2 43.8  
170 23.8 19.4 29.2

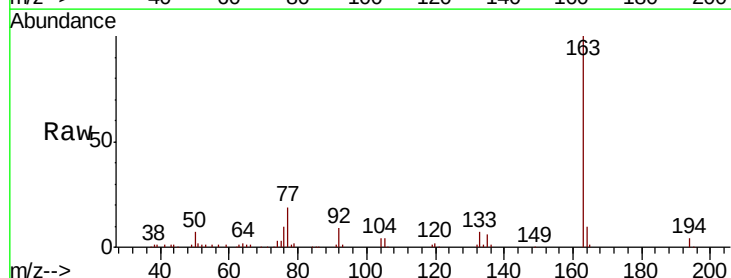


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

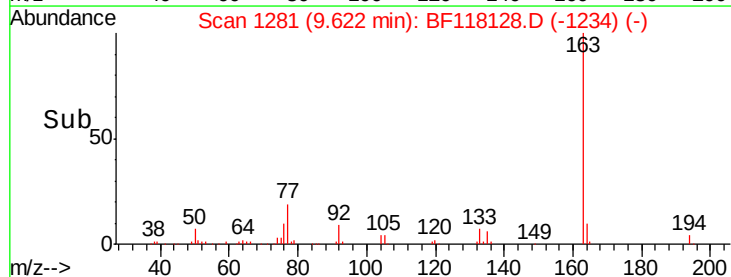
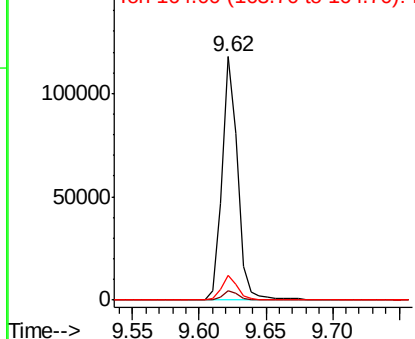


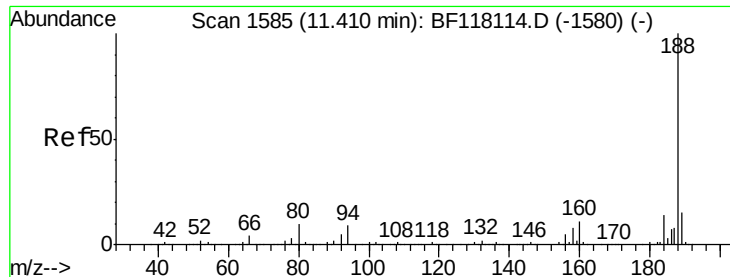
#50  
Dimethylphthalate  
Concen: 4.891 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. -0.02 min  
Lab File: BF118128.D  
Acq: 7 Dec 2019 14:49

Tgt Ion:163 Resp: 98343  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.1 4.7  
164 10.3 7.7 11.5



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

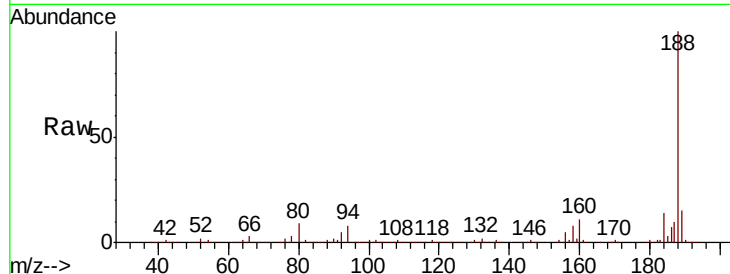




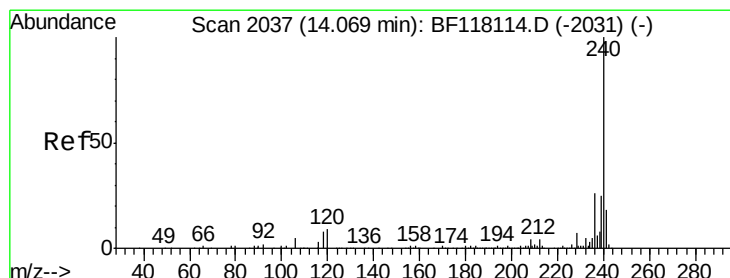
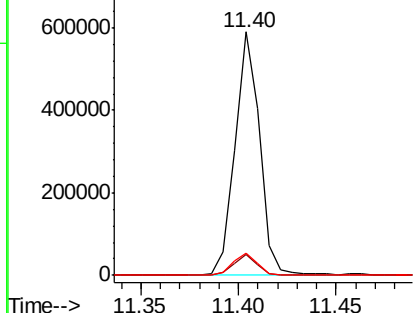
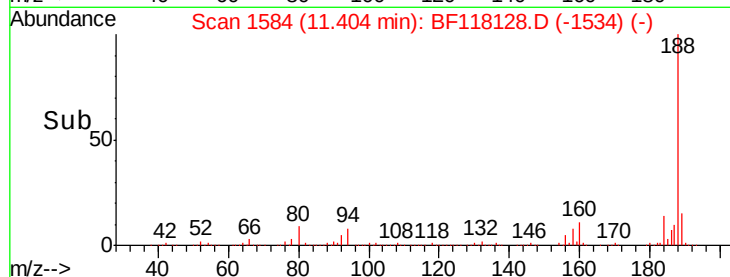
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BF118128.D  
Acq: 7 Dec 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
EP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.4   | 7.1   | 10.7  |
| 80      | 9.2   | 7.9   | 11.9  |

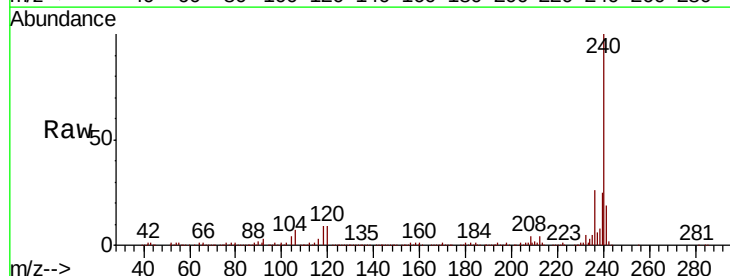


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

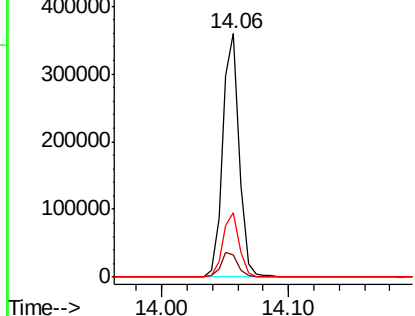
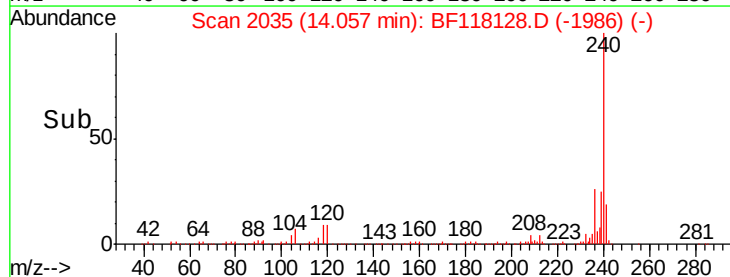


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.06 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BF118128.D  
Acq: 7 Dec 2019 14:49

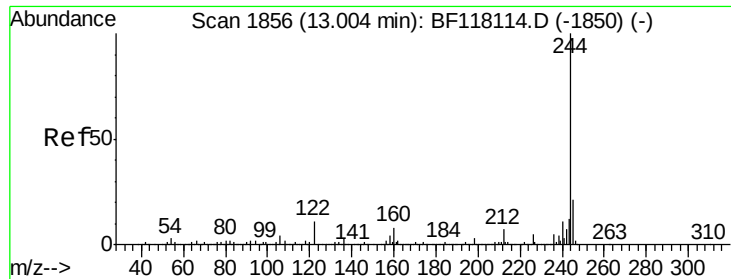
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.3   | 7.1   | 10.7  |
| 236     | 26.5  | 21.0  | 31.6  |



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: 73.687 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118128.D

Acq: 7 Dec 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

EP-2

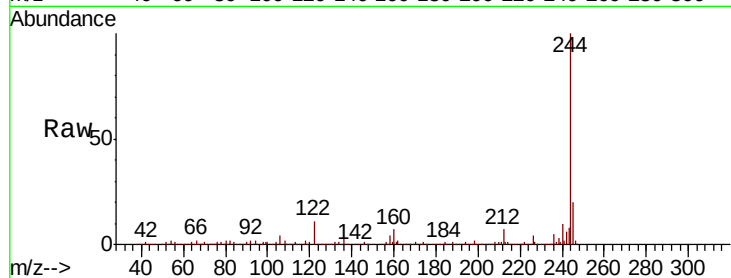
Tot Ion:244 Resp: 1399888

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

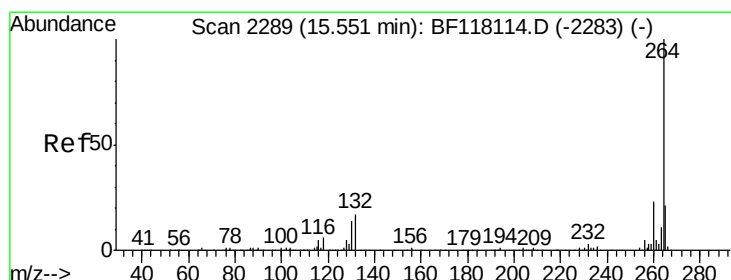
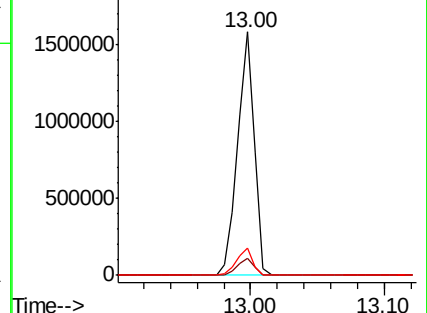
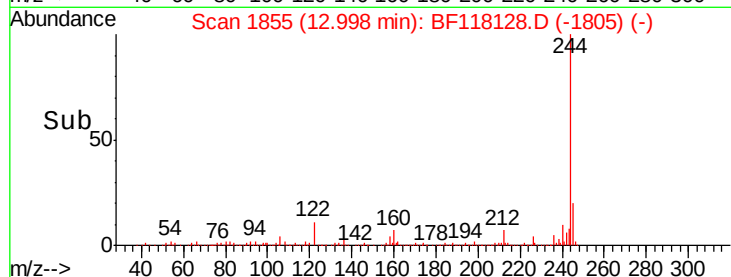
122 11.3 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118128.D

Acq: 7 Dec 2019 14:49

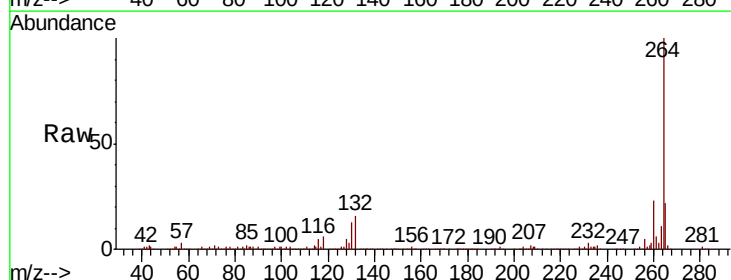
Tgt Ion:264 Resp: 308836

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.8 16.8 25.2



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

