

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\  
 Data File : BF119228.D  
 Acq On : 5 Mar 2020 23:01  
 Operator : CG/JU  
 Sample : PB127239TB  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127239TB

Quant Time: Mar 06 07:38:35 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 26 16:03:05 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 136241   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.00  | 136  | 521377   | 20.00  | ng    | -0.03    |
| 39) Acenaphthene-d10        | 9.76  | 164  | 293419   | 20.00  | ng    | -0.03    |
| 64) Phenanthrene-d10        | 11.24 | 188  | 565214   | 20.00  | ng    | -0.02    |
| 76) Chrysene-d12            | 13.88 | 240  | 351186   | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 15.30 | 264  | 277165   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.37  | 112  | 1031335  | 126.51 | ng    | 0.00     |
| 7) Phenol-d6                | 6.39  | 99   | 1231004  | 124.16 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 867105   | 87.81  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330  | 521099   | 135.76 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.08  | 172  | 1710839  | 85.90  | ng    | -0.03    |
| 79) Terphenyl-d14           | 12.83 | 244  | 2249511  | 110.28 | ng    | -0.02    |

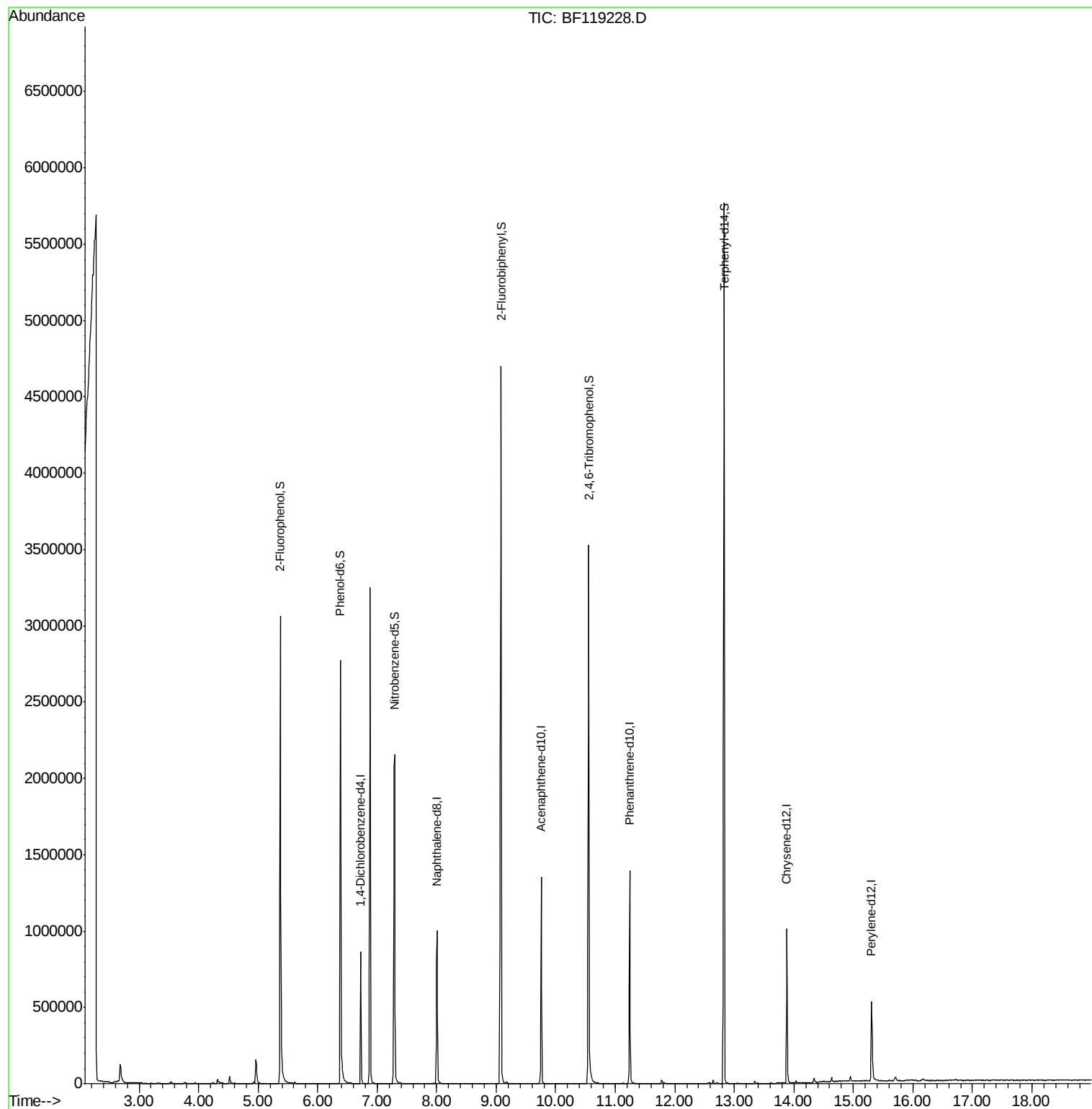
Target Compounds Qvalue

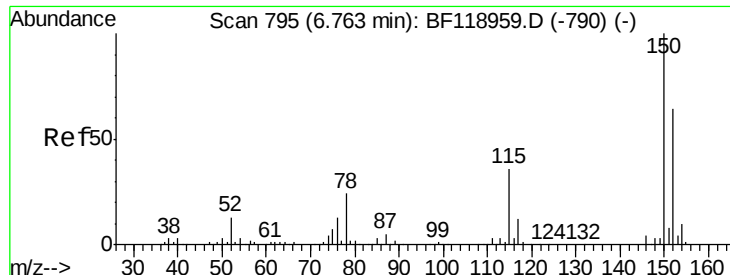
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\  
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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 26 16:03:05 2020  
Response via : Initial Calibration



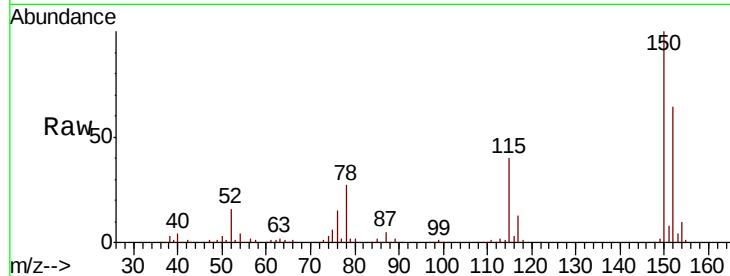


#1

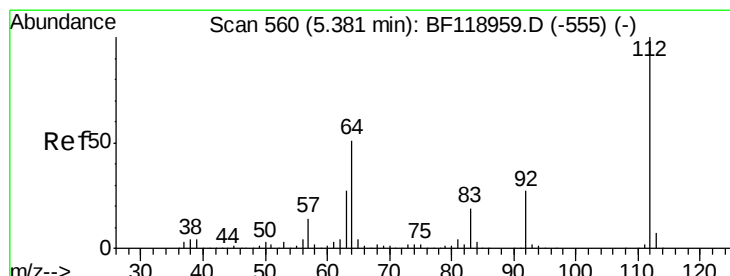
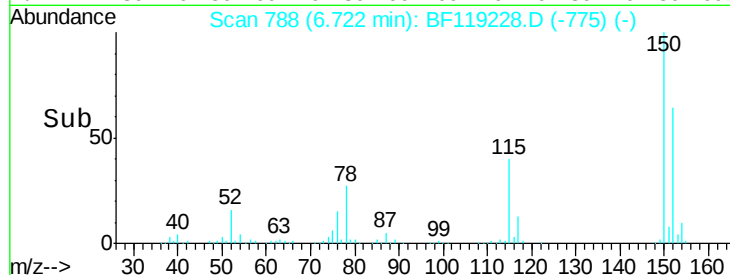
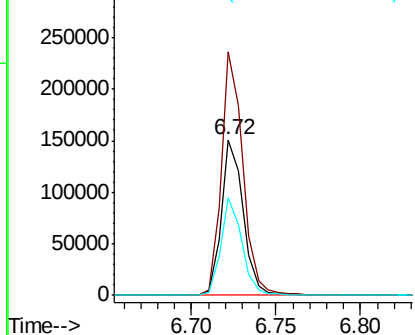
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.72 min Scan# 788  
 Delta R.T. -0.02 min  
 Lab File: BF119228.D  
 Acq: 5 Mar 2020 23:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127239TB

Tot Ion:152 Resp: 136241  
 Ion Ratio Lower Upper  
 152 100  
 150 156.7 123.0 184.6  
 115 63.3 49.5 74.3



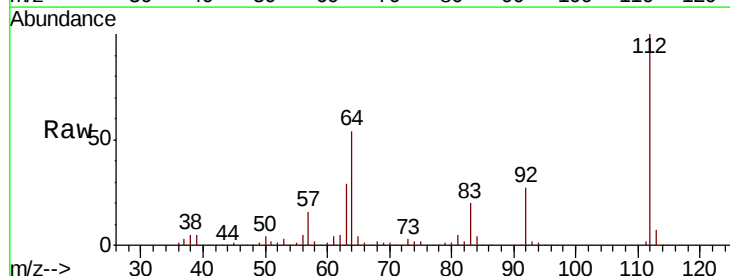
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



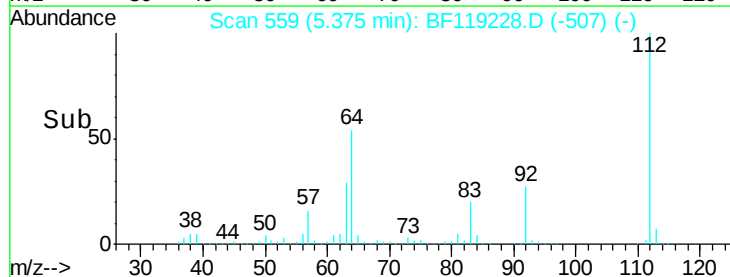
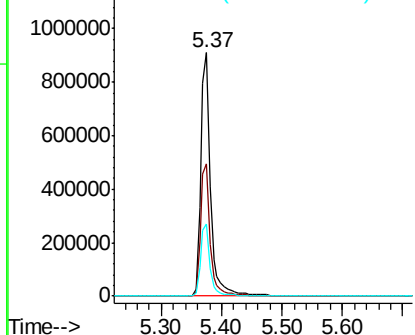
#5

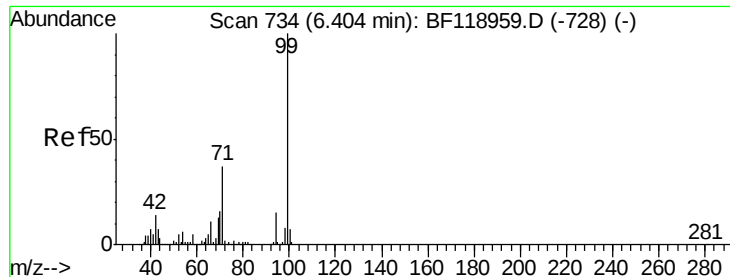
2-Fluorophenol  
 Concen: 126.507 ng  
 RT: 5.37 min Scan# 559  
 Delta R.T. 0.01 min  
 Lab File: BF119228.D  
 Acq: 5 Mar 2020 23:01

Tgt Ion:112 Resp: 1031335  
 Ion Ratio Lower Upper  
 112 100  
 64 54.2 45.0 67.4  
 63 29.4 24.2 36.4



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: 124.158 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119228.D

Acq: 5 Mar 2020 23:01

Instrument :

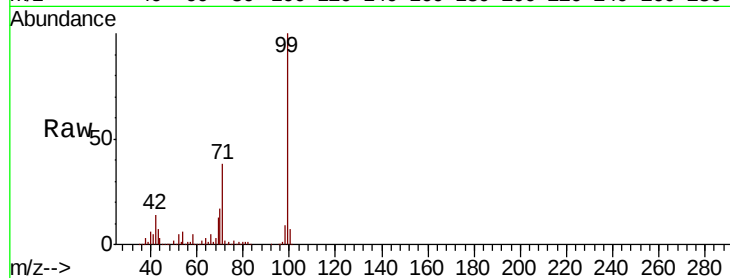
BNA\_F

ClientSampleId :

PB127239TB

Tot Ion: 99 Resp: 1231004

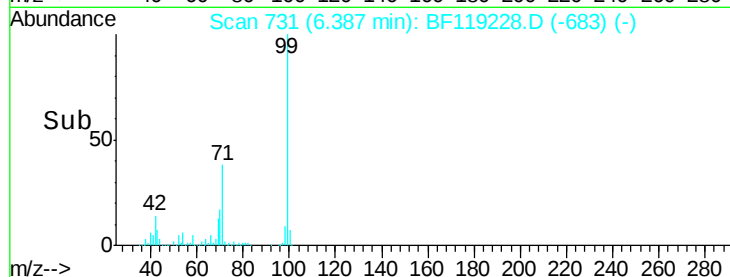
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.3  | 12.6  | 18.8  |
| 71  | 37.7  | 31.0  | 46.4  |



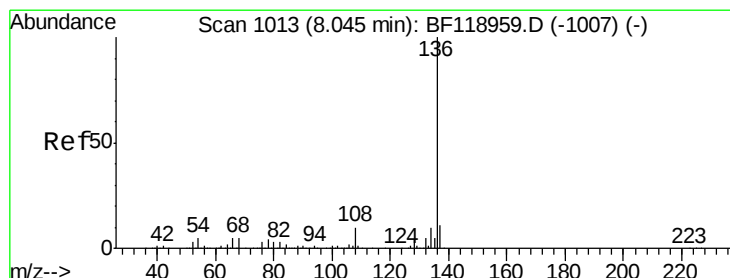
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

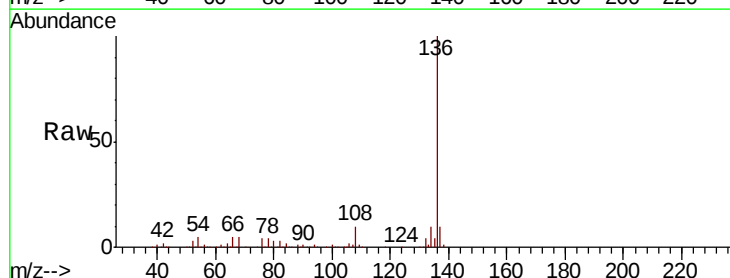
Delta R.T. -0.03 min

Lab File: BF119228.D

Acq: 5 Mar 2020 23:01

Tgt Ion: 136 Resp: 521377

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.4  | 8.8   | 13.2  |
| 54  | 4.9   | 3.8   | 5.6   |
| 68  | 5.0   | 3.9   | 5.9   |

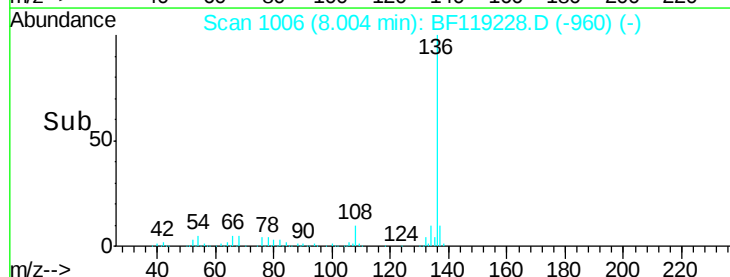


Abundance Ion 136.00 (135.70 to 136.70): E

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



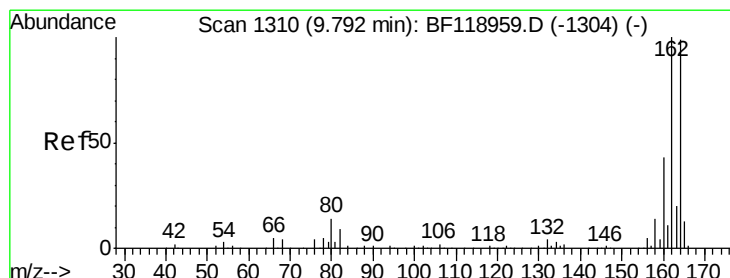
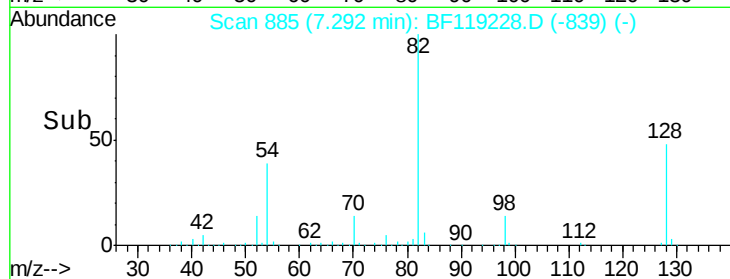
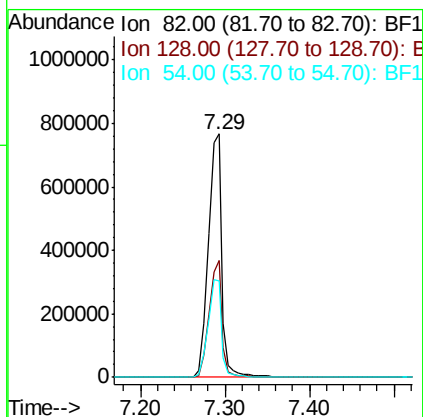
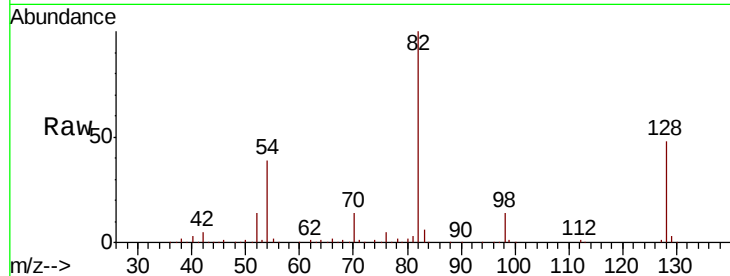
Time-->



#23  
 Nitrobenzene-d5  
 Concen: 87.812 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. -0.03 min  
 Lab File: BF119228.D  
 Acq: 5 Mar 2020 23:01

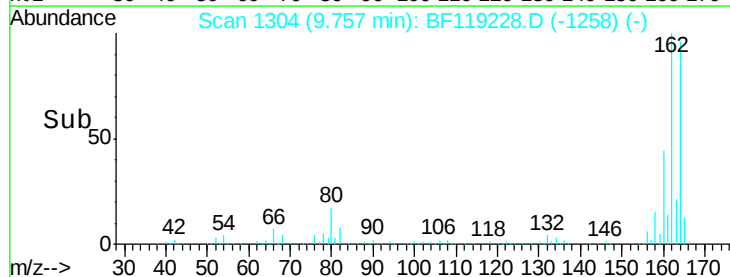
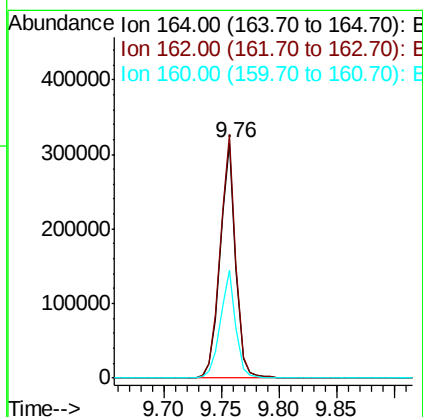
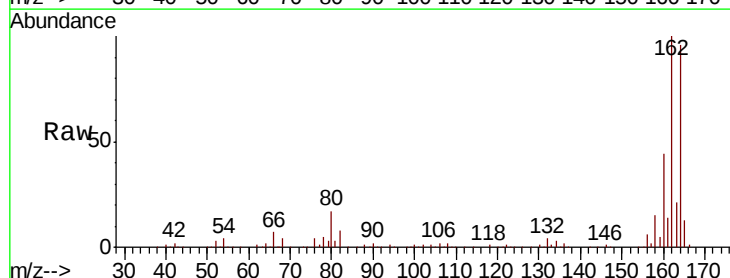
Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB127239TB

| Tot Ion | 82    | Resp  | 867105 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 48.1  | 37.9  | 56.9   |
| 54      | 39.4  | 33.4  | 50.2   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.76 min Scan# 1304  
 Delta R.T. -0.03 min  
 Lab File: BF119228.D  
 Acq: 5 Mar 2020 23:01

| Tgt Ion | 164   | Resp  | 293419 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 164     | 100   |       |        |
| 162     | 103.7 | 81.8  | 122.8  |
| 160     | 45.9  | 36.0  | 54.0   |

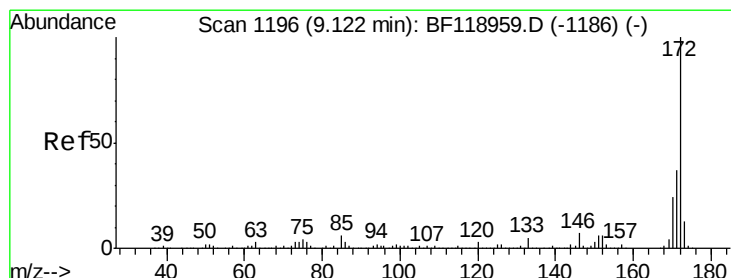
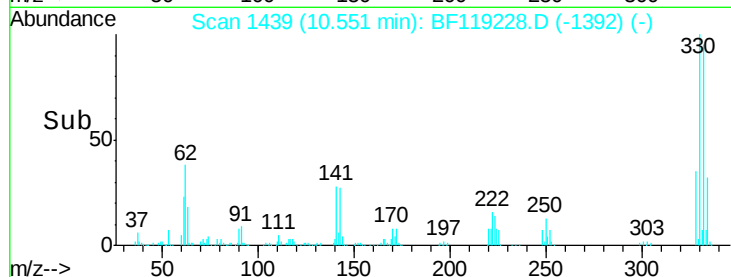
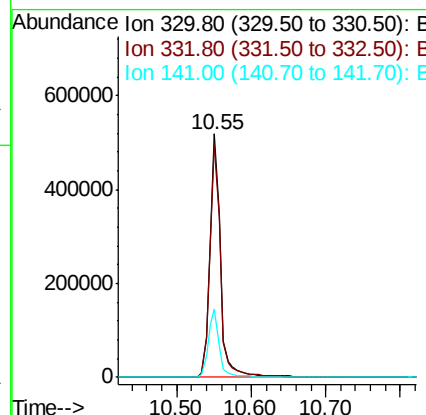
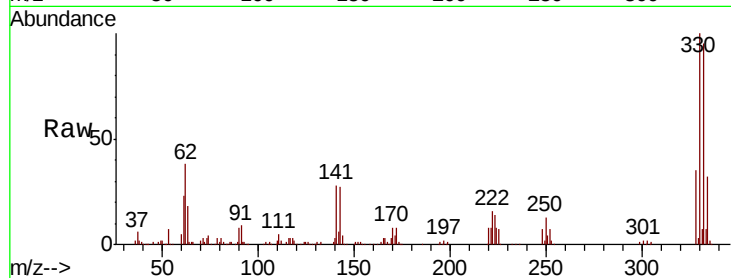




#42  
 2,4,6-Tribromophenol  
 Concen: 135.759 ng  
 RT: 10.55 min Scan# 1439  
 Delta R.T. -0.02 min  
 Lab File: BF119228.D  
 Acq: 5 Mar 2020 23:01

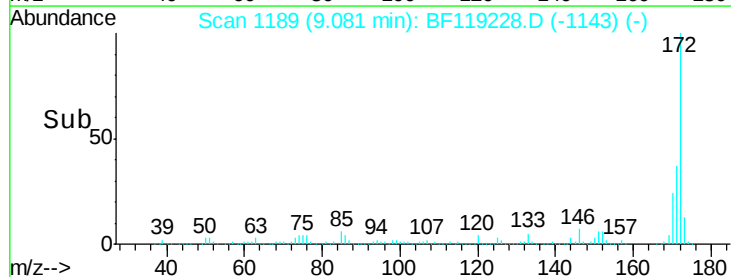
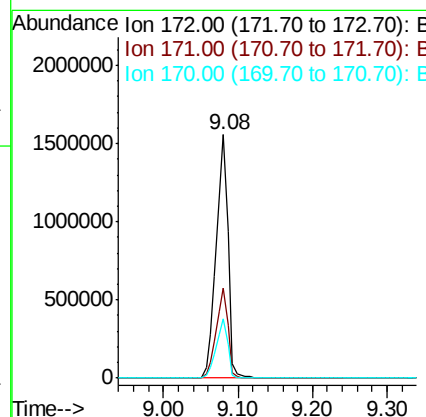
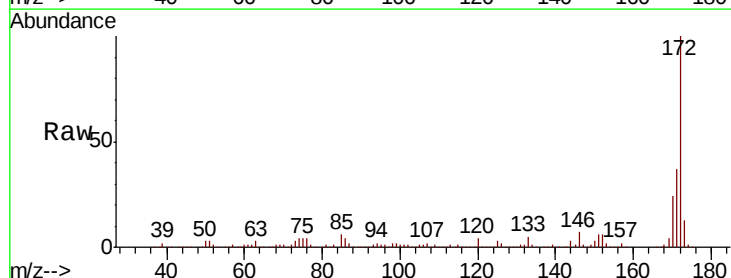
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127239TB

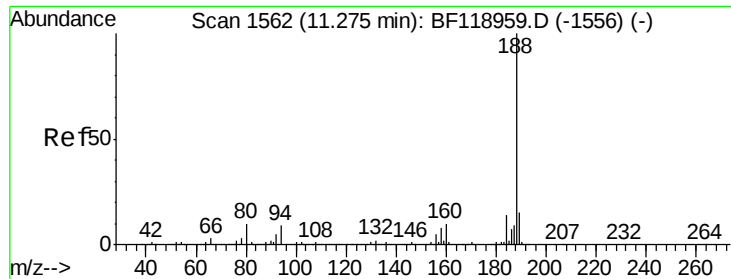
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.1  | 76.0  | 114.0 |
| 141     | 29.4  | 22.9  | 34.3  |



#45  
 2-Fluorobiphenyl  
 Concen: 85.896 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. -0.03 min  
 Lab File: BF119228.D  
 Acq: 5 Mar 2020 23:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.2  | 30.6  | 45.8  |
| 170     | 24.4  | 20.2  | 30.2  |

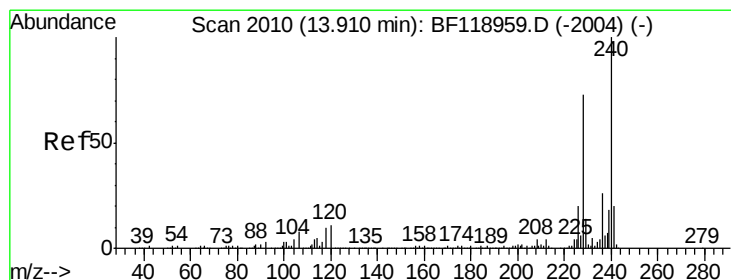
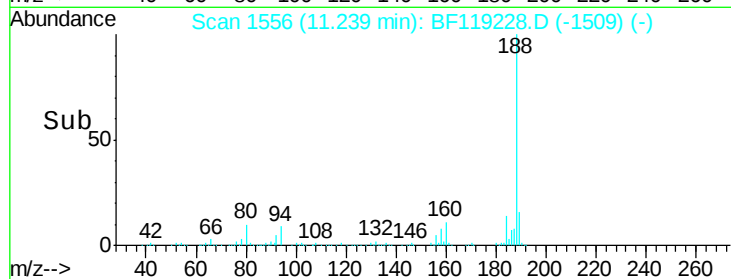
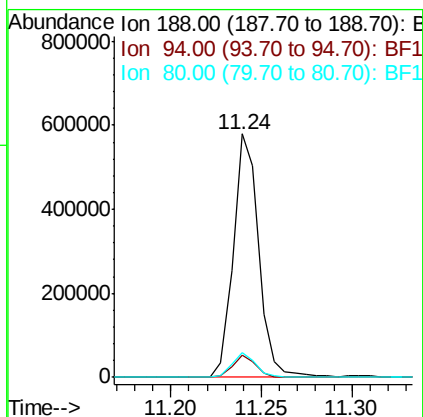
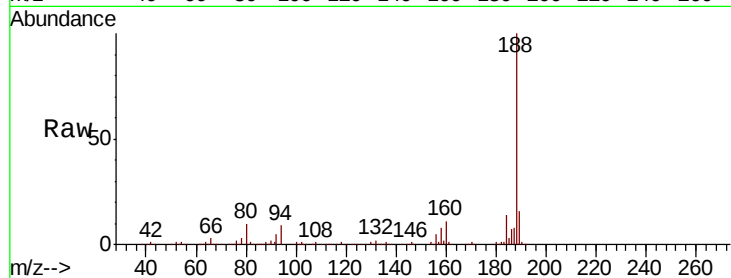




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.24 min Scan# 1556  
Delta R.T. -0.02 min  
Lab File: BF119228.D  
Acq: 5 Mar 2020 23:01

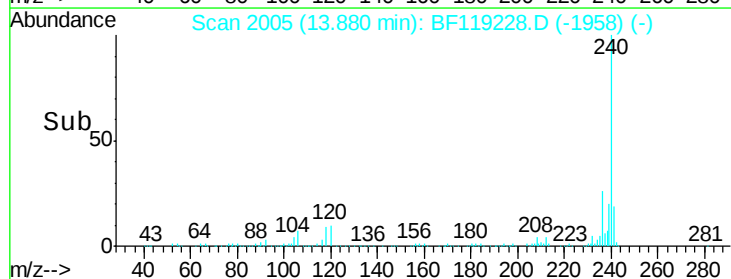
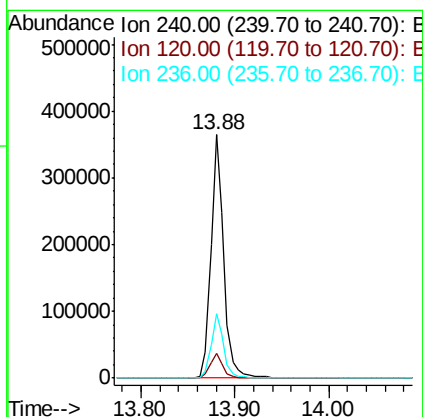
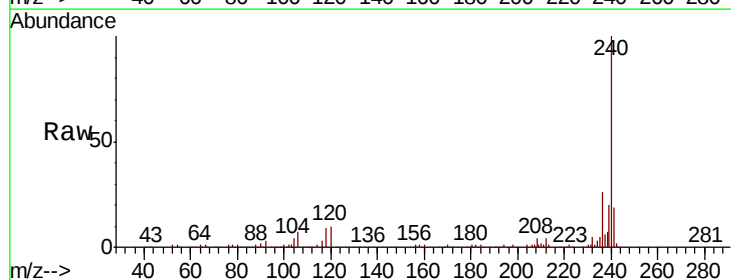
Instrument :  
BNA\_F  
ClientSampleId :  
PB127239TB

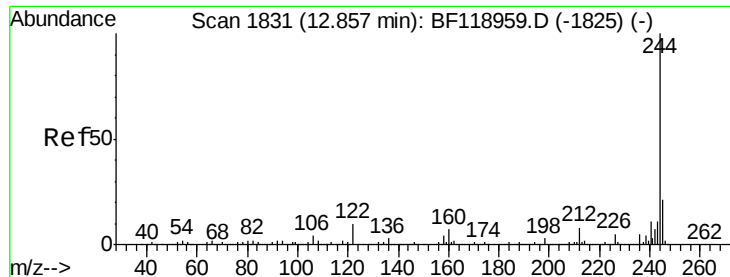
Tot Ion:188 Resp: 565214  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.1 10.7  
80 9.9 7.8 11.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.88 min Scan# 2005  
Delta R.T. -0.02 min  
Lab File: BF119228.D  
Acq: 5 Mar 2020 23:01

Tgt Ion:240 Resp: 351186  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.4 12.6  
236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 110.281 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119228.D

Acq: 5 Mar 2020 23:01

Instrument :

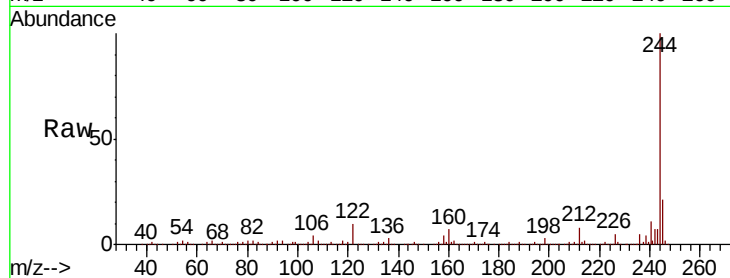
BNA\_F

ClientSampled :

PB127239TB

Tot Ion:244 Resp: 2249511

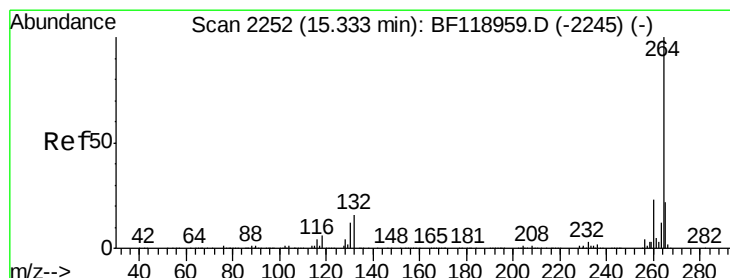
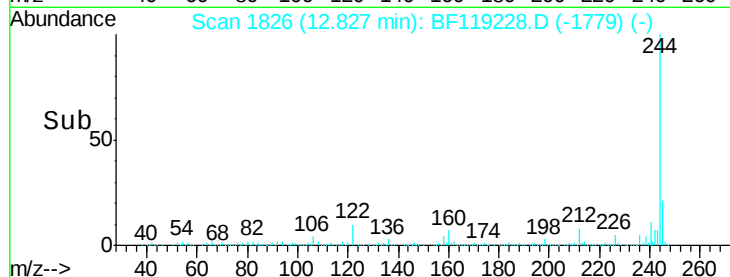
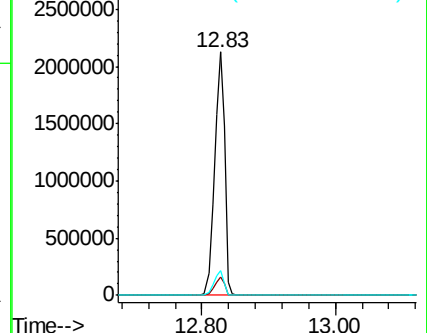
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.7   | 6.6   | 10.0  |
| 122 | 10.3  | 8.2   | 12.2  |



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: 15.30 min Scan# 2247

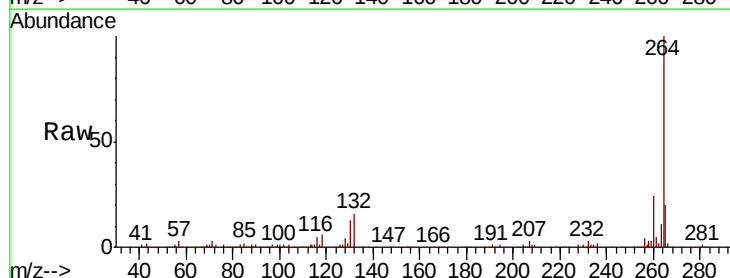
Delta R.T. -0.02 min

Lab File: BF119228.D

Acq: 5 Mar 2020 23:01

Tgt Ion:264 Resp: 277165

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 19.4  | 29.2  |
| 265 | 20.2  | 17.7  | 26.5  |



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

