

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\  
 Data File : BF119293.D  
 Acq On : 9 Mar 2020 19:59  
 Operator : CG/JU  
 Sample : L1844-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-17-030520

Quant Time: Mar 09 21:28:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 06 23:38:46 2020  
 Response via : Initial Calibration

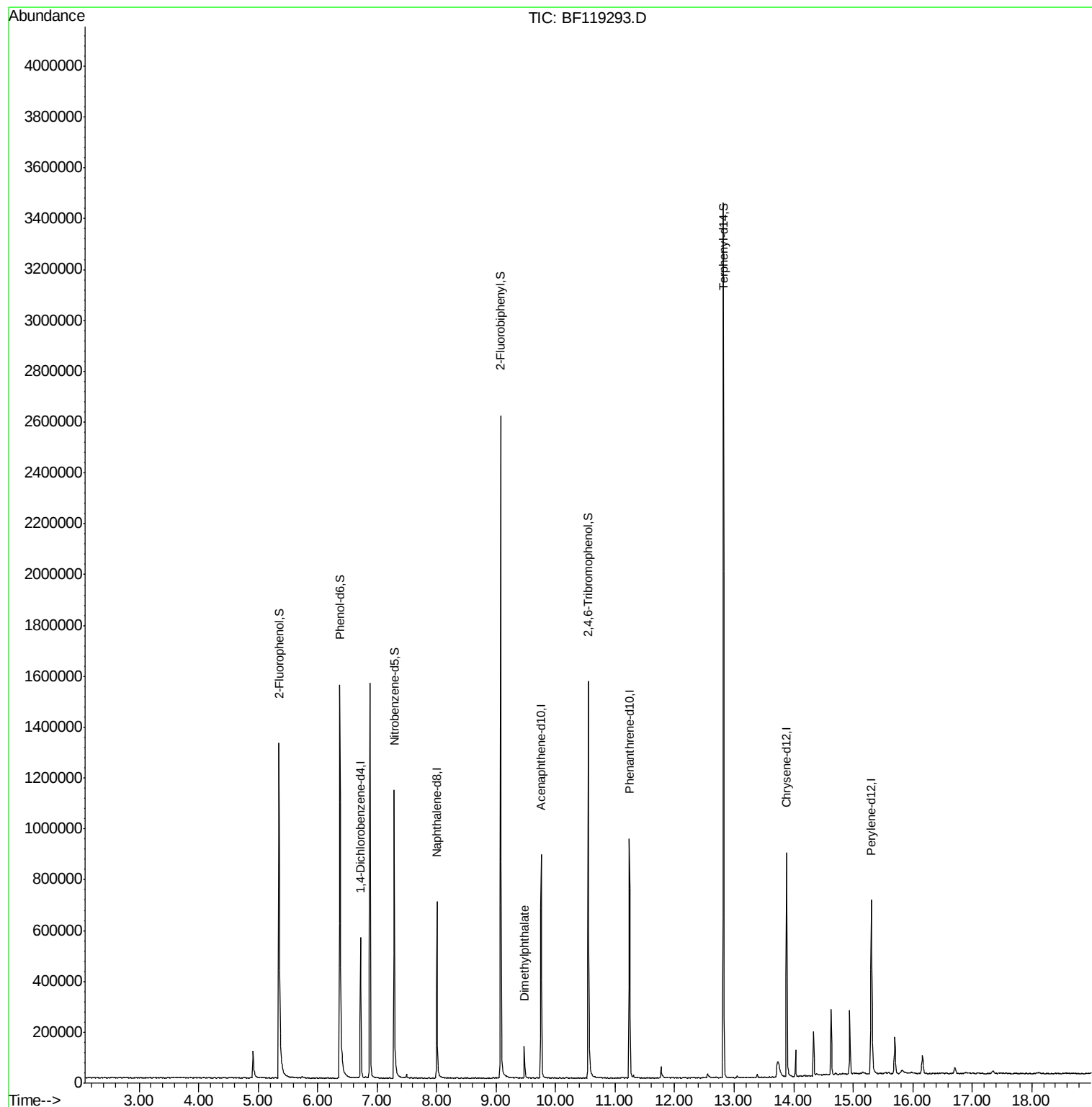
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 84700    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.00  | 136  | 331770   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.76  | 164  | 191456   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.24 | 188  | 381919   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.88 | 240  | 320827   | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 15.31 | 264  | 313329   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.35  | 112  | 514032   | 101.42 | ng    | 0.00         |
| 7) Phenol-d6                | 6.37  | 99   | 631697   | 102.48 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 415876   | 66.19  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330  | 239169   | 95.49  | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.08  | 172  | 848293   | 65.27  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.82 | 244  | 1193665  | 64.06  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.47  | 163  | 65807    | 4.495  | ng    | Qvalue<br>99 |

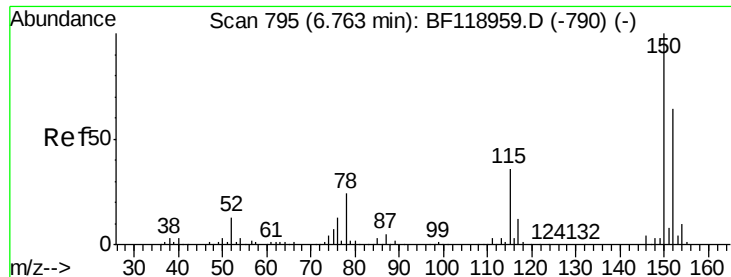
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\  
Data File : BF119293.D  
Acq On : 9 Mar 2020 19:59  
Operator : CG/JU  
Sample : L1844-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GP-17-030520

Quant Time: Mar 09 21:28:17 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 06 23:38:46 2020  
Response via : Initial Calibration



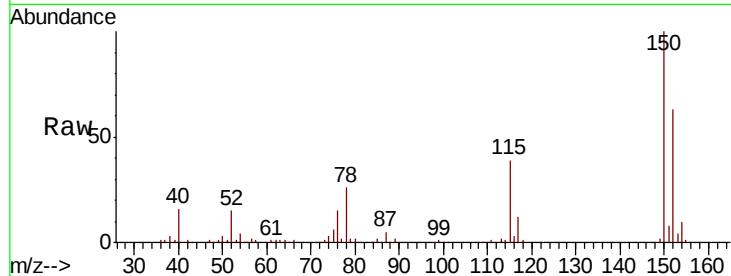


#1

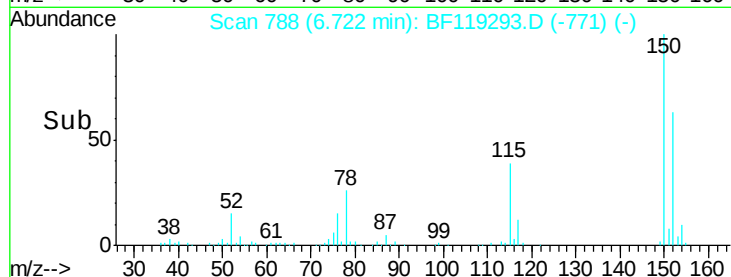
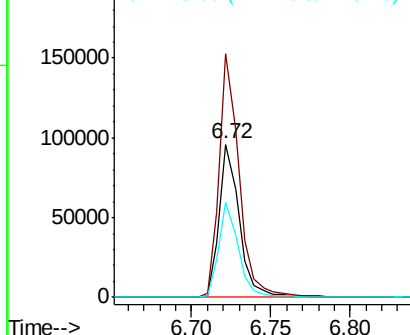
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: BF119293.D  
Acq: 9 Mar 2020 19:59

Instrument :  
BNA\_F  
ClientSampleId :  
GP-17-030520

Tot Ion:152 Resp: 84700  
Ion Ratio Lower Upper  
152 100  
150 158.8 123.0 184.6  
115 62.1 49.5 74.3



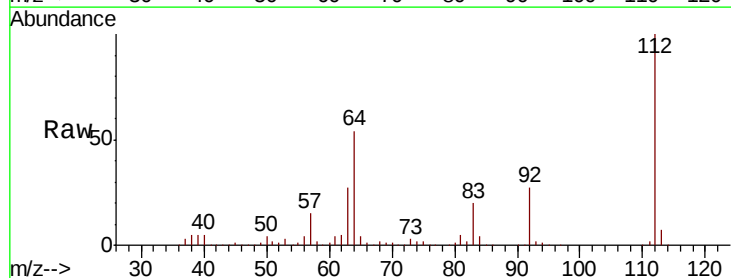
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



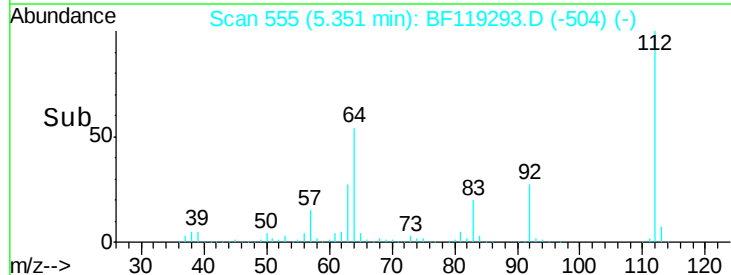
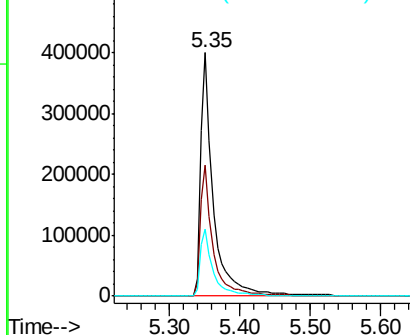
#5

2-Fluorophenol  
Concen: 101.421 ng  
RT: 5.35 min Scan# 555  
Delta R.T. 0.00 min  
Lab File: BF119293.D  
Acq: 9 Mar 2020 19:59

Tgt Ion:112 Resp: 514032  
Ion Ratio Lower Upper  
112 100  
64 53.6 45.0 67.4  
63 27.3 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: 102.482 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

Instrument :

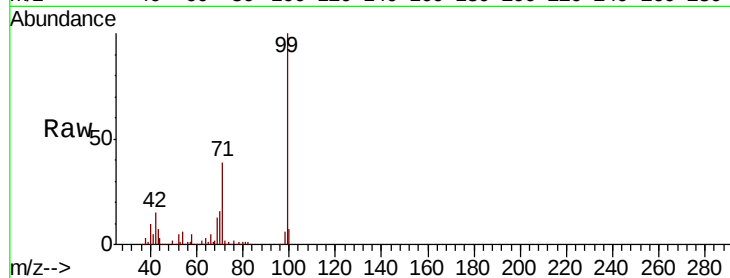
BNA\_F

ClientSampleId :

GP-17-030520

Tot Ion: 99 Resp: 631697

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.2  | 12.6  | 18.8  |
| 71  | 39.2  | 31.0  | 46.4  |

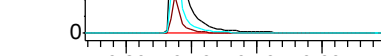
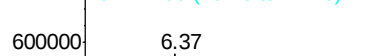


Abundance

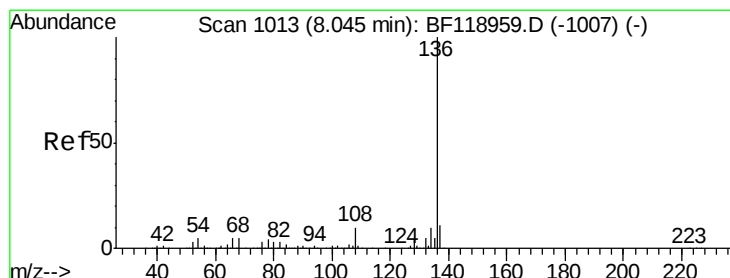
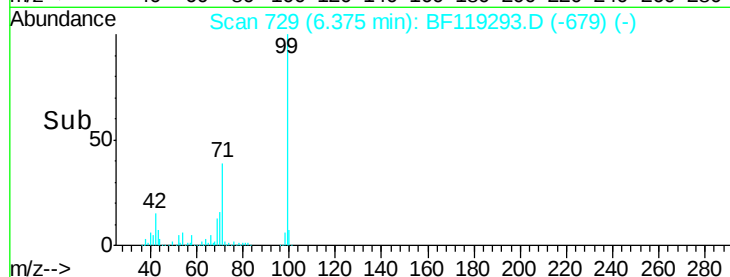
Ion 99.00 (98.70 to 99.70): BF1

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

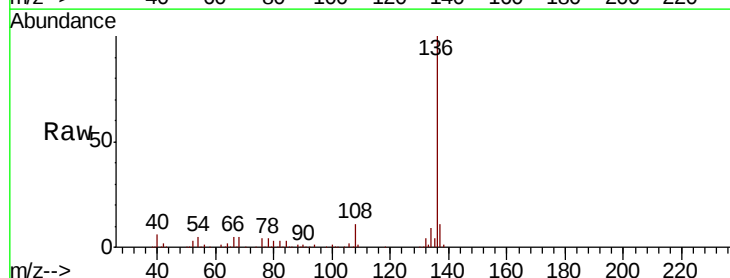
Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

Tgt Ion: 136 Resp: 331770

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 4.7   | 3.8   | 5.6   |
| 68  | 5.1   | 3.9   | 5.9   |



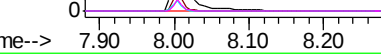
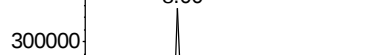
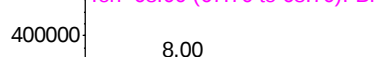
Abundance

Ion 136.00 (135.70 to 136.70): E

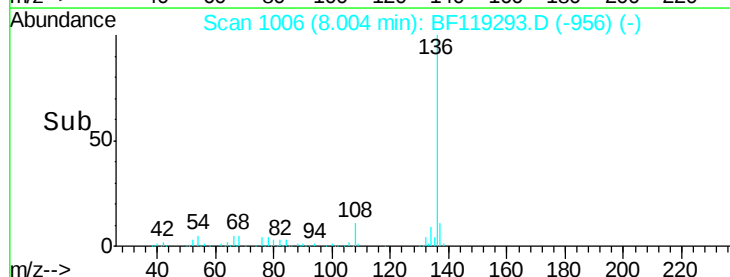
Ion 137.00 (136.70 to 137.70): E

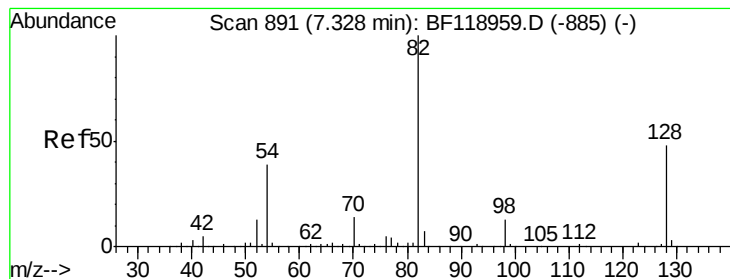
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->





#23

Nitrobenzene-d5

Concen: 66.185 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

Instrument :

BNA\_F

ClientSampleId :

GP-17-030520

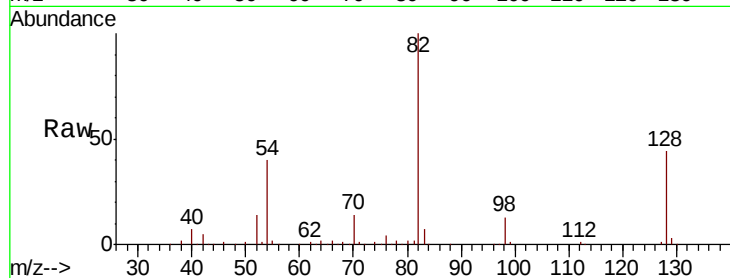
Tot Ion: 82 Resp: 415876

Ion Ratio Lower Upper

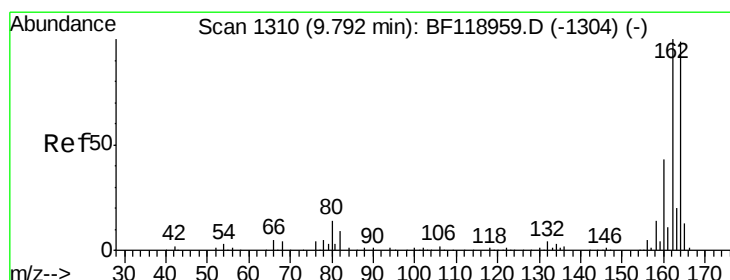
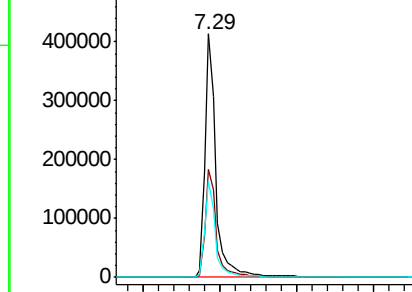
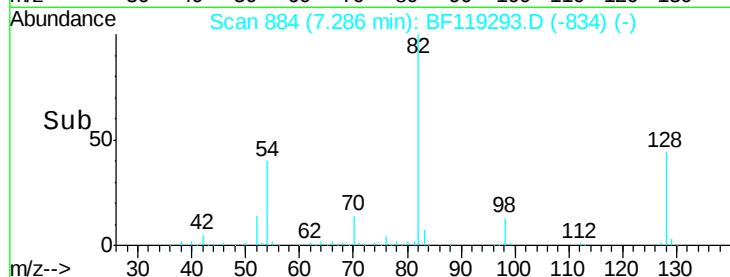
82 100

128 44.1 37.9 56.9

54 39.8 33.4 50.2



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

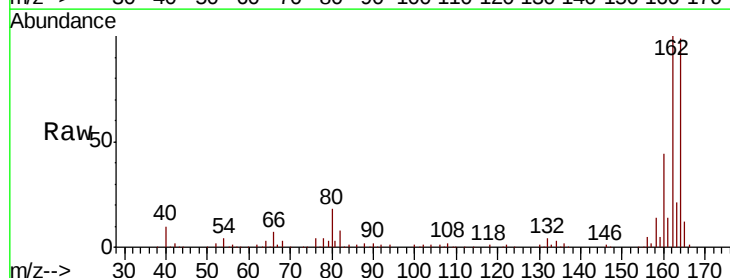
Tgt Ion:164 Resp: 191456

Ion Ratio Lower Upper

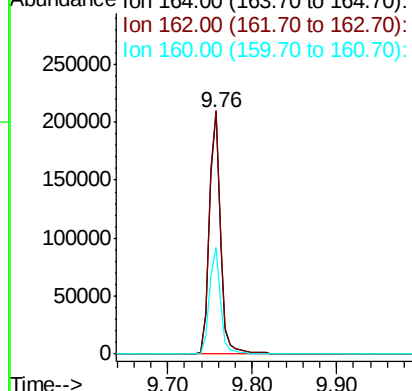
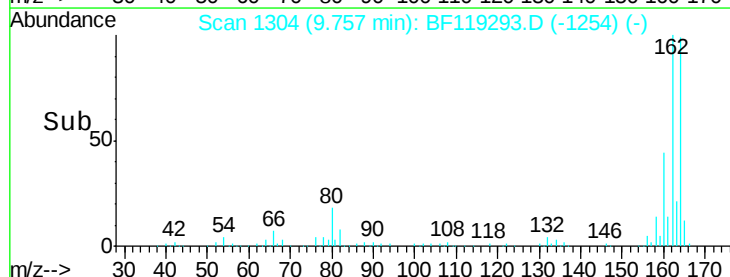
164 100

162 100.7 81.8 122.8

160 44.2 36.0 54.0



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

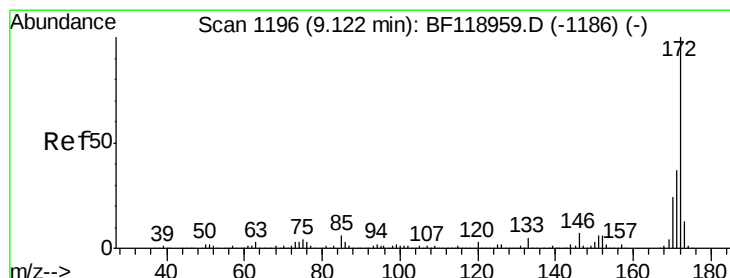
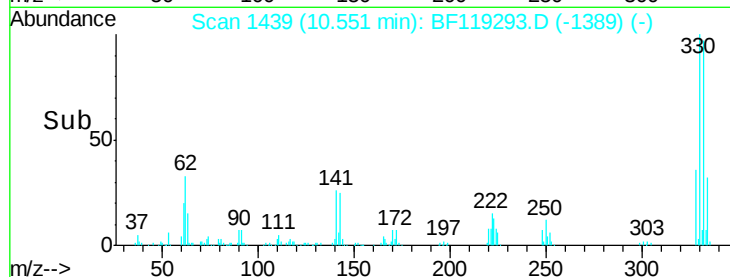
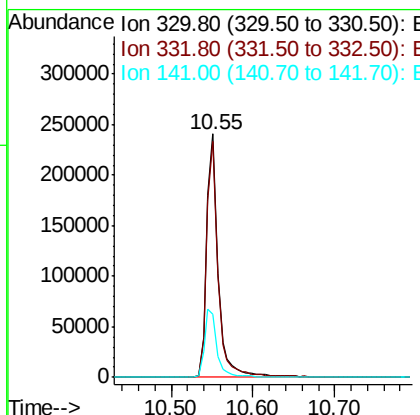
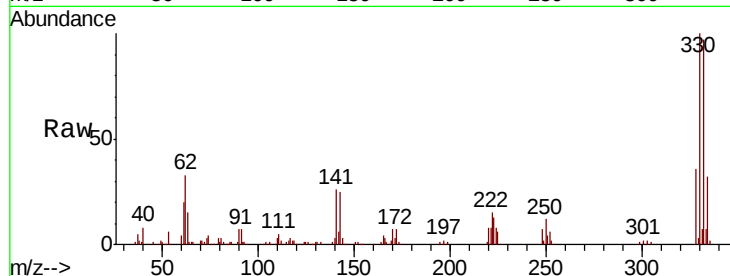




#42  
 2,4,6-Tribromophenol  
 Concen: 95.493 ng  
 RT: 10.55 min Scan# 1439  
 Delta R.T. -0.01 min  
 Lab File: BF119293.D  
 Acq: 9 Mar 2020 19:59

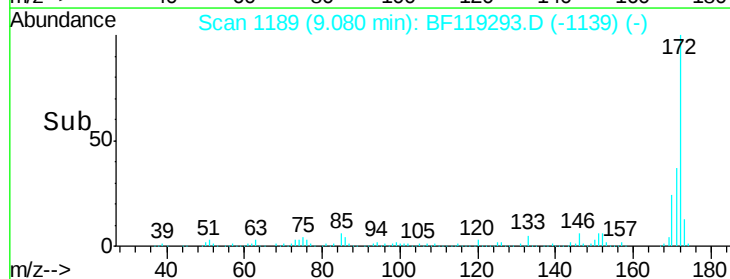
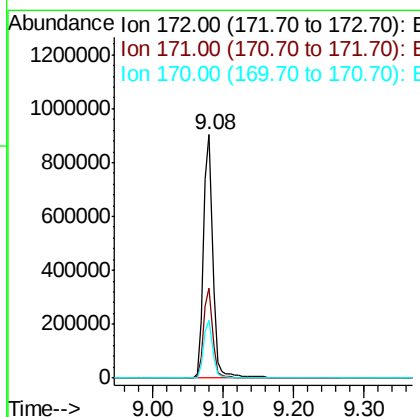
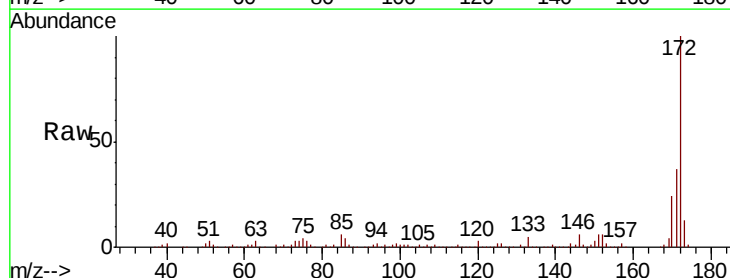
Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-17-030520

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.3  | 76.0  | 114.0 |
| 141     | 30.7  | 22.9  | 34.3  |



#45  
 2-Fluorobiphenyl  
 Concen: 65.273 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. -0.01 min  
 Lab File: BF119293.D  
 Acq: 9 Mar 2020 19:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.8  | 30.6  | 45.8  |
| 170     | 24.0  | 20.2  | 30.2  |





#50

Dimethylphthalate

Concen: 4.495 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

Instrument :

BNA\_F

ClientSampleId :

GP-17-030520

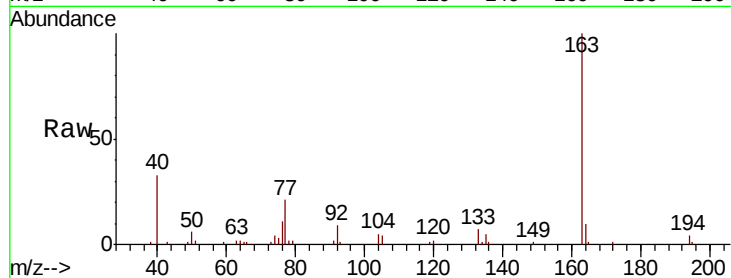
Tot Ion:163 Resp: 65807

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.1 8.4 12.6

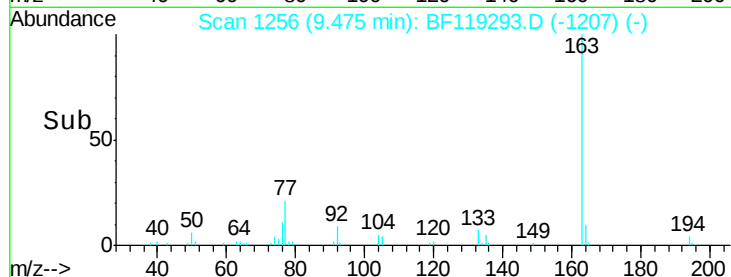


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

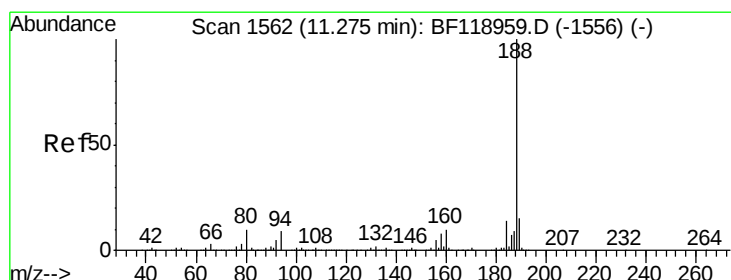
Ion 164.00 (163.70 to 164.70): E

Time-->



9.47

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

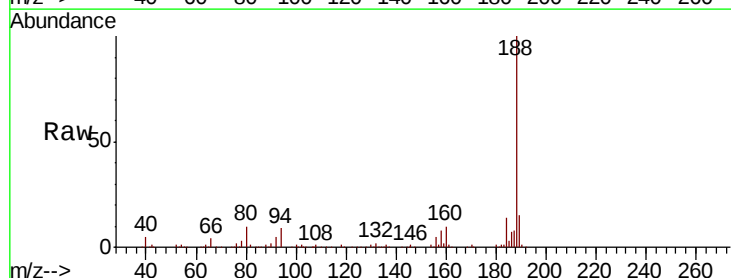
Tgt Ion:188 Resp: 381919

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

80 9.7 7.8 11.8

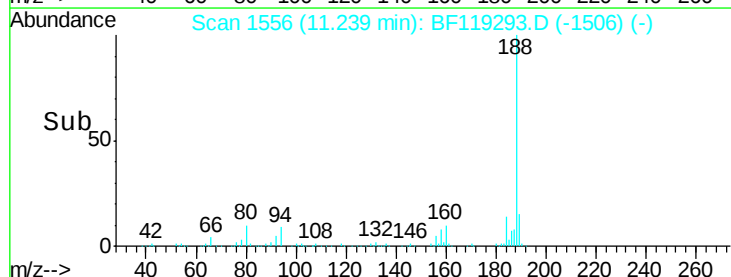


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

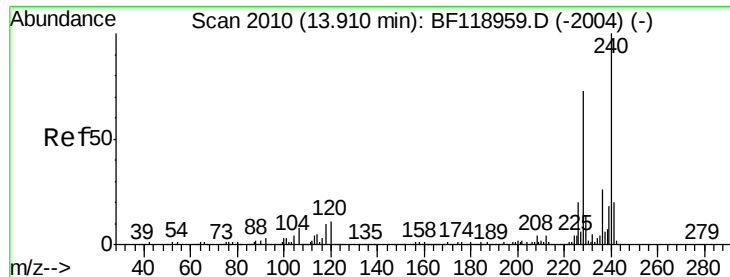
Ion 80.00 (79.70 to 80.70): BF1

Time-->



11.24

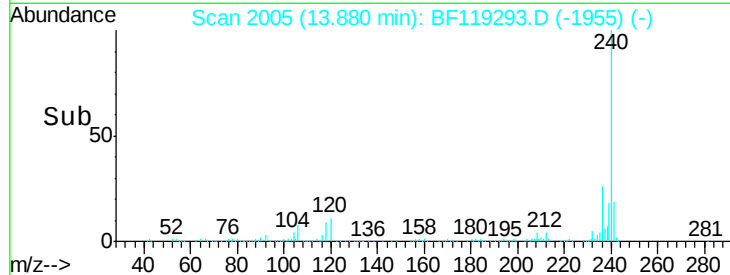
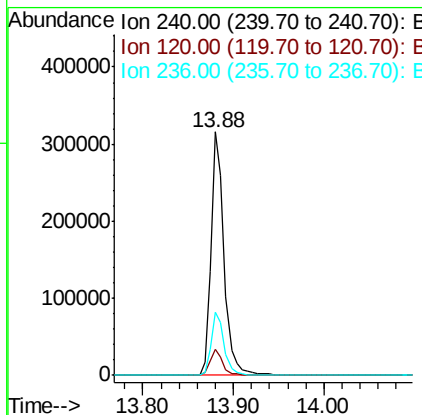
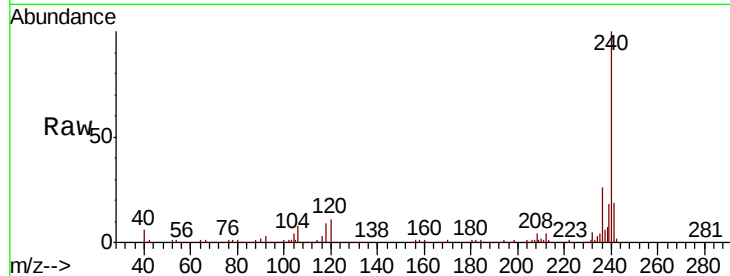
Time-->



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.88 min Scan# 2005  
 Delta R.T. -0.01 min  
 Lab File: BF119293.D  
 Acq: 9 Mar 2020 19:59

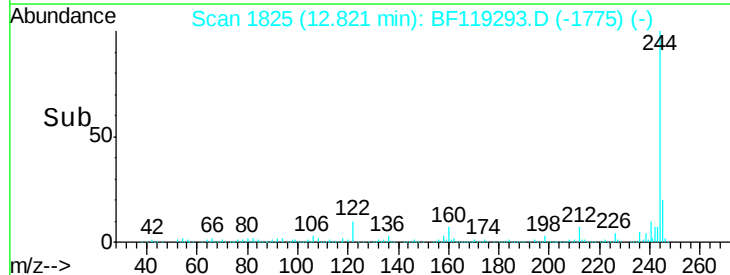
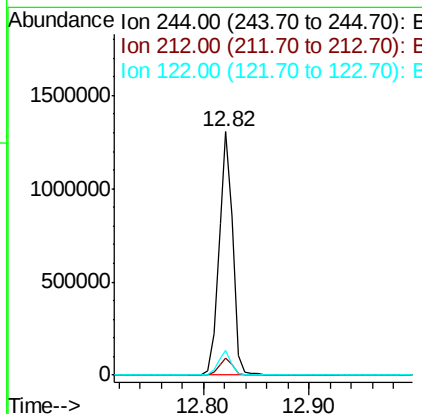
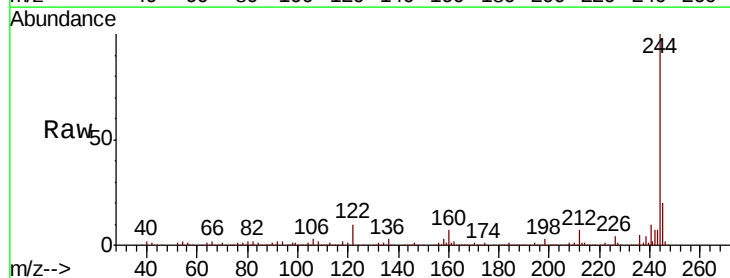
Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-17-030520

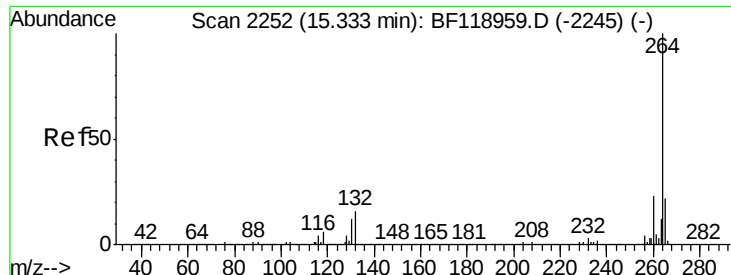
Tot Ion:240 Resp: 320827  
 Ion Ratio Lower Upper  
 240 100  
 120 10.7 8.4 12.6  
 236 26.0 21.0 31.4



#79  
 Terphenyl-d14  
 Concen: 64.056 ng  
 RT: 12.82 min Scan# 1825  
 Delta R.T. -0.01 min  
 Lab File: BF119293.D  
 Acq: 9 Mar 2020 19:59

Tgt Ion:244 Resp: 1193665  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.6 10.0  
 122 10.3 8.2 12.2





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.31 min Scan# 2248  
 Delta R.T. 0.00 min  
 Lab File: BF119293.D  
 Acq: 9 Mar 2020 19:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-17-030520

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.4  | 29.2  |
| 265     | 21.8  | 17.7  | 26.5  |

