

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF032019\  
 Data File : BF113193.D  
 Acq On : 21 Mar 2019 2:54  
 Operator : JU/SJ  
 Sample : K1943-16  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20190129-LOC-6

Quant Time: Mar 21 16:21:49 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 21 12:13:22 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 129060   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.00  | 136  | 496252   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.76  | 164  | 240715   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.23 | 188  | 456054   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.86 | 240  | 401418   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.27 | 264  | 298741   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.35  | 112  | 792993   | 95.58  | ng    | 0.01     |
| 7) Phenol-d6                | 6.37  | 99   | 848492   | 81.41  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 677215   | 81.66  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330  | 316171   | 123.72 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.08  | 172  | 1360074  | 97.31  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.82 | 244  | 1486526  | 71.79  | ng    | 0.00     |

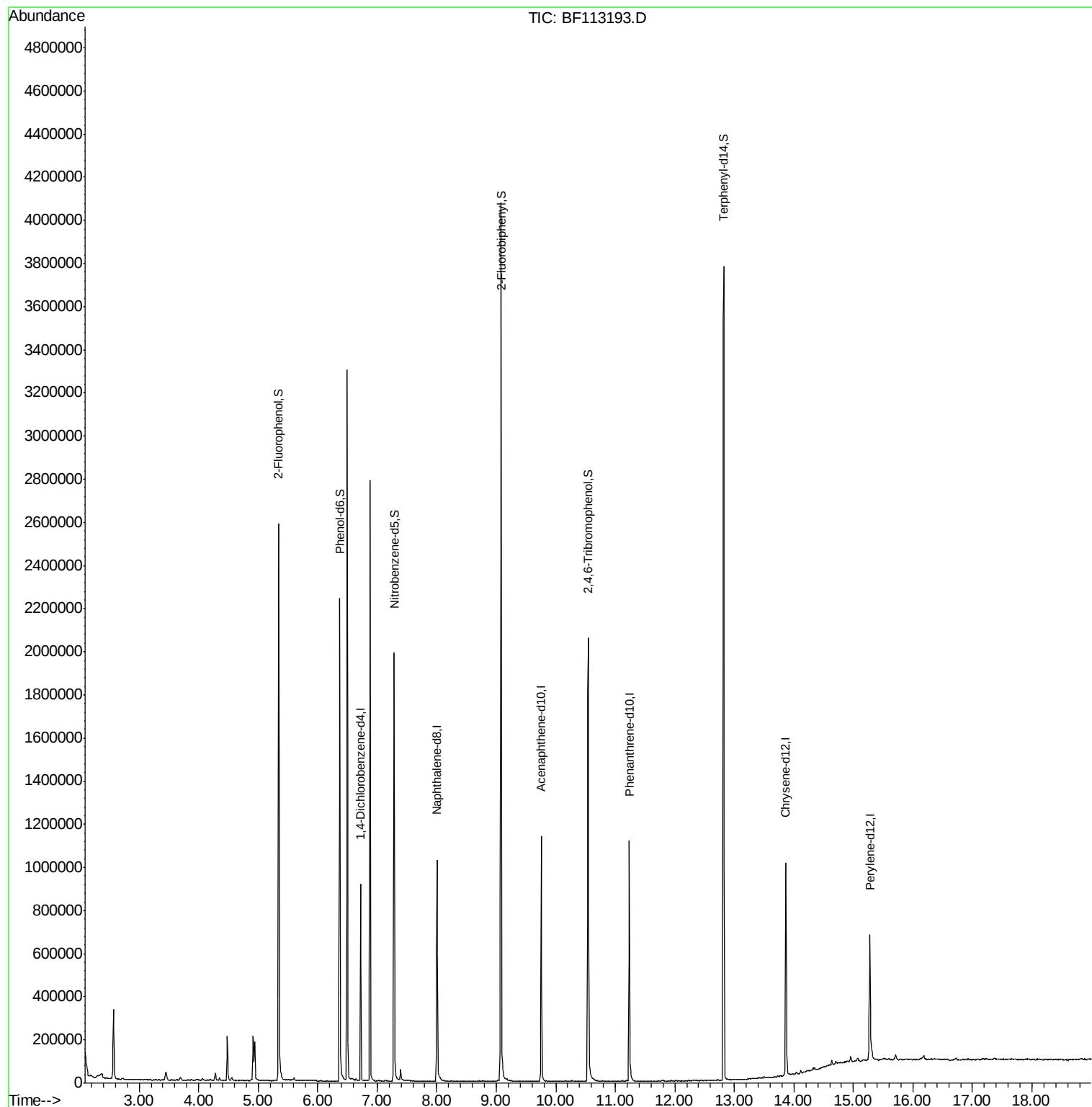
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

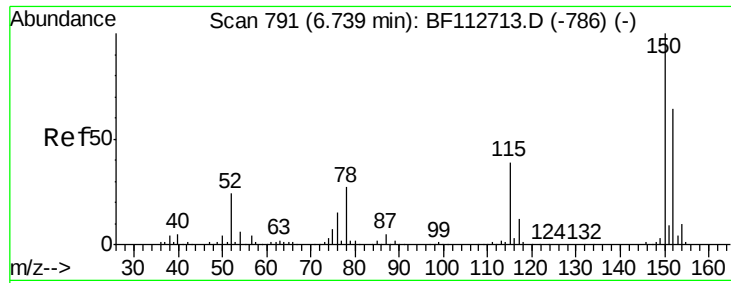
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF032019\  
Data File : BF113193.D  
Acq On : 21 Mar 2019 2:54  
Operator : JU/SJ  
Sample : K1943-16  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
20190129-LOC-6

Quant Time: Mar 21 16:21:49 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 21 12:13:22 2019  
Response via : Initial Calibration



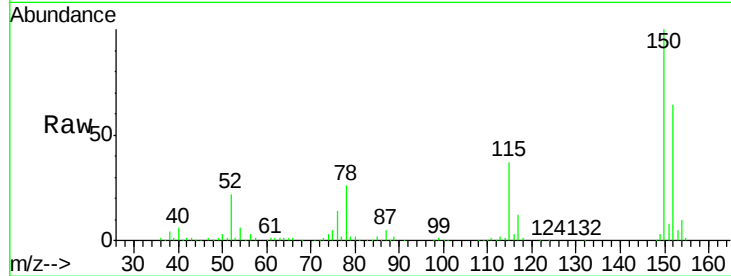


#1

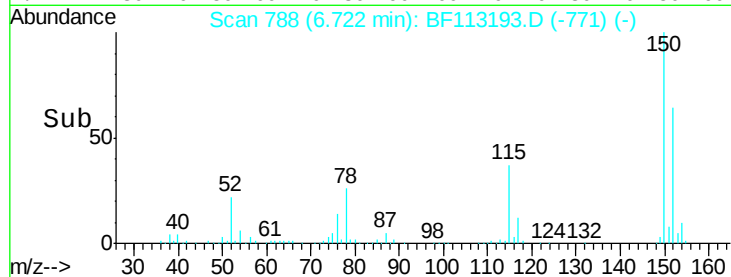
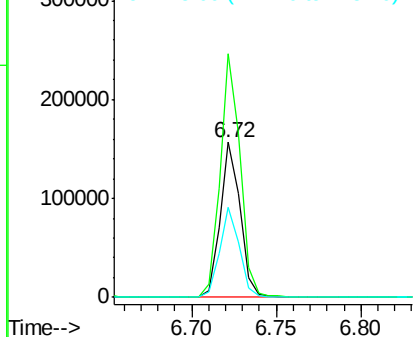
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 788  
Delta R.T. -0.00 min  
Lab File: BF113193.D  
Acq: 21 Mar 2019 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
20190129-LOC-6

Tgt Ion:152 Resp: 129060  
Ion Ratio Lower Upper  
152 100  
150 157.4 123.0 184.6  
115 57.8 45.9 68.9



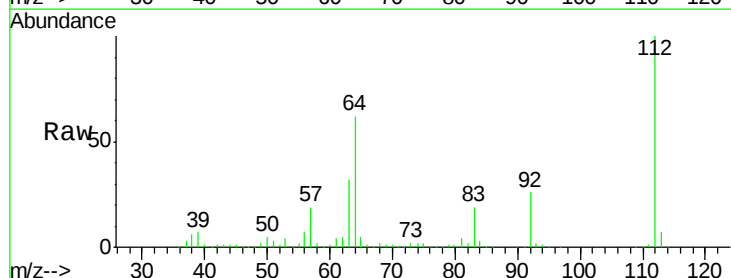
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



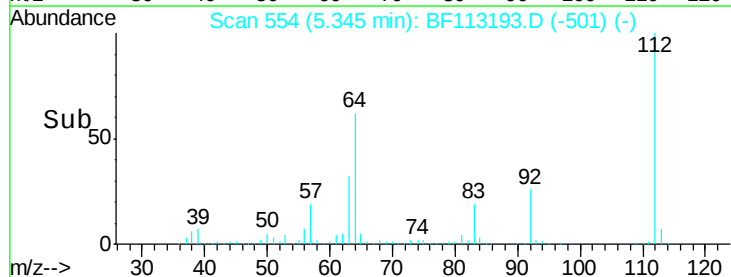
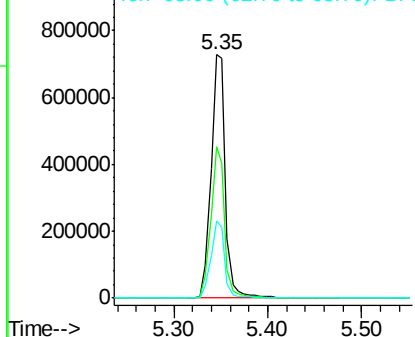
#5

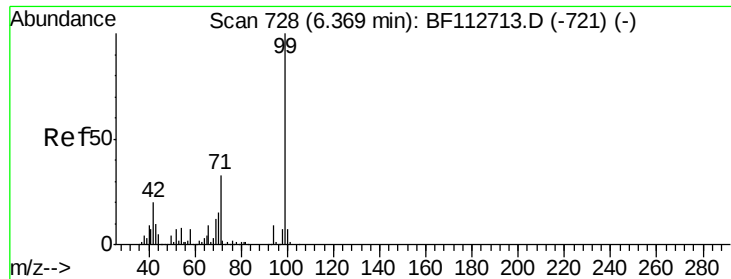
2-Fluorophenol  
Concen: 95.578 ng  
RT: 5.35 min Scan# 554  
Delta R.T. 0.01 min  
Lab File: BF113193.D  
Acq: 21 Mar 2019 2:54

Tgt Ion:112 Resp: 792993  
Ion Ratio Lower Upper  
112 100  
64 62.1 49.3 73.9  
63 31.7 25.4 38.2



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: 81.413 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113193.D

Acq: 21 Mar 2019 2:54

Instrument :

BNA\_F

ClientSampleId :

20190129-LOC-6

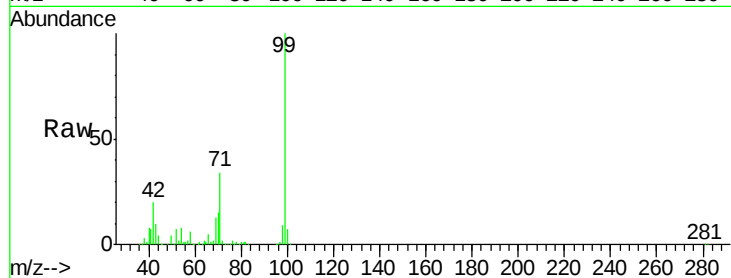
Tgt Ion: 99 Resp: 848492

Ion Ratio Lower Upper

99 100

42 19.7 15.2 22.8

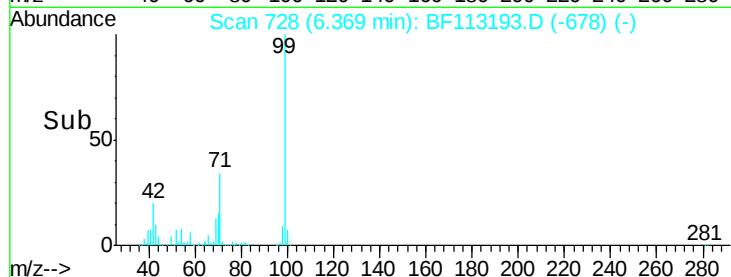
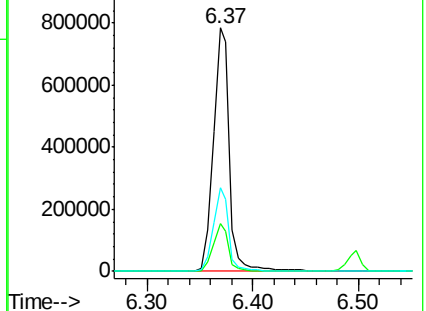
71 34.4 25.7 38.5



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: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113193.D

Acq: 21 Mar 2019 2:54

Tgt Ion: 136 Resp: 496252

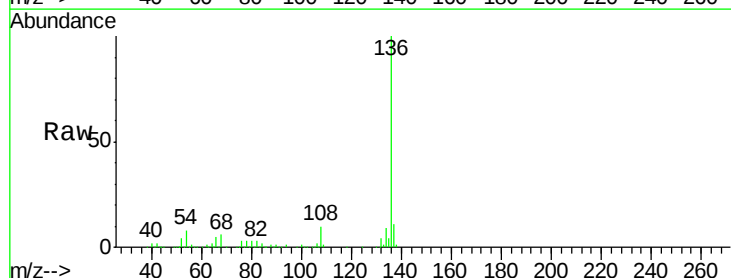
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 7.0 10.6

68 5.6 5.0 7.4

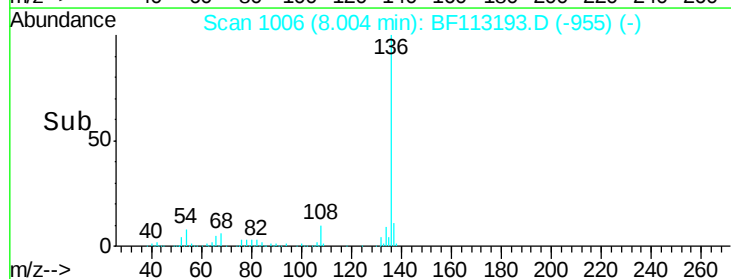
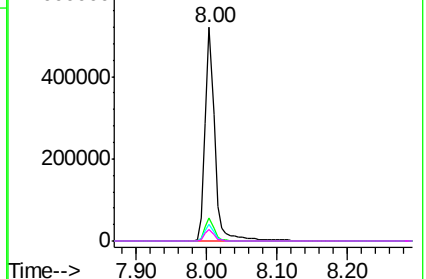


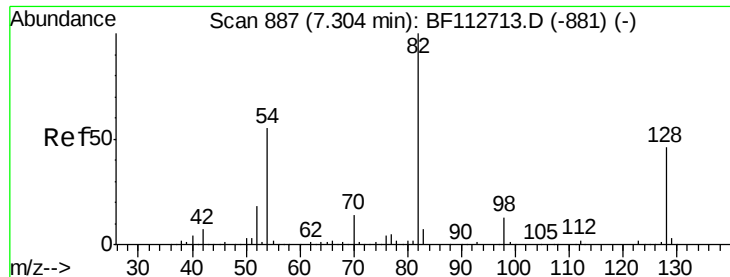
Abundance Ion 136.00 (135.70 to 136.70): E

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

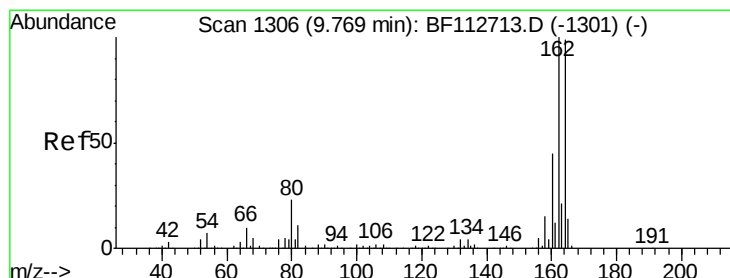
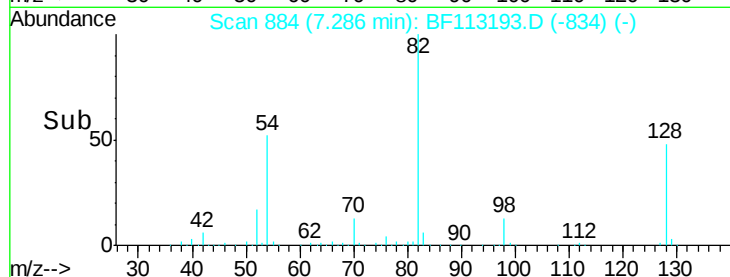
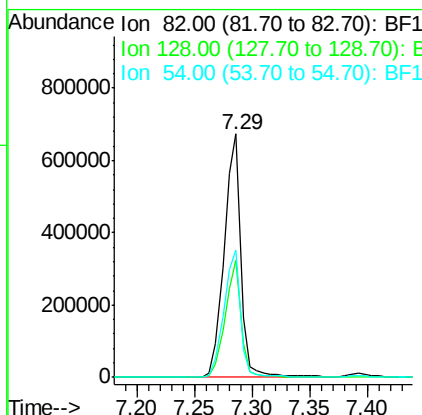
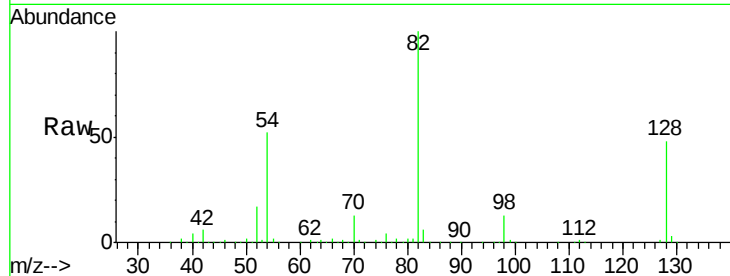




#23  
 Nitrobenzene-d5  
 Concen: 81.658 ng  
 RT: 7.29 min Scan# 884  
 Delta R.T. -0.01 min  
 Lab File: BF113193.D  
 Acq: 21 Mar 2019 2:54

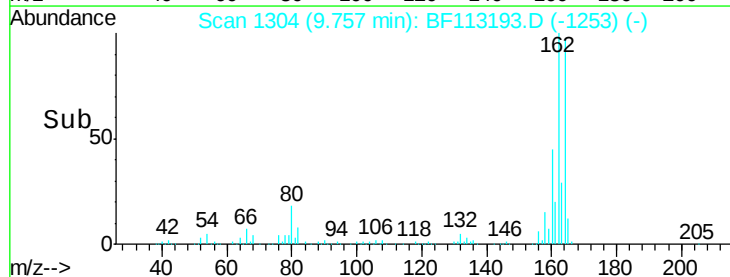
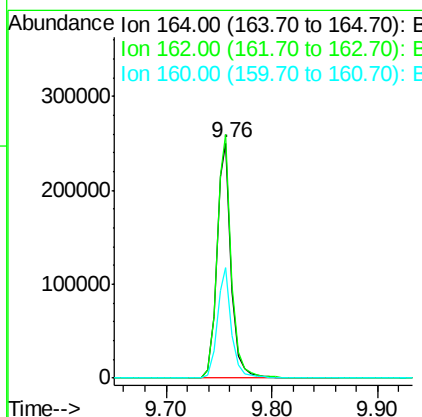
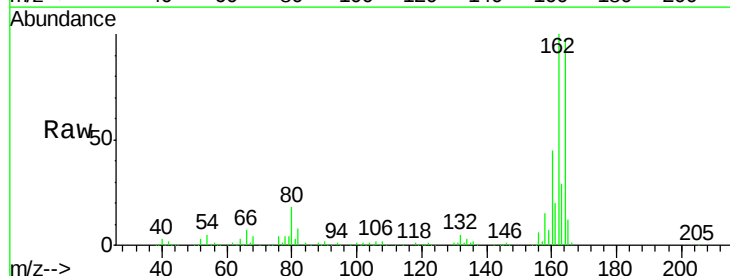
Instrument :  
 BNA\_F  
 ClientSampleId :  
 20190129-LOC-6

Tgt Ion: 82 Resp: 677215  
 Ion Ratio Lower Upper  
 82 100  
 128 47.9 37.9 56.9  
 54 52.3 41.2 61.8



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.76 min Scan# 1304  
 Delta R.T. -0.00 min  
 Lab File: BF113193.D  
 Acq: 21 Mar 2019 2:54

Tgt Ion: 164 Resp: 240715  
 Ion Ratio Lower Upper  
 164 100  
 162 103.6 80.8 121.2  
 160 46.9 36.2 54.2

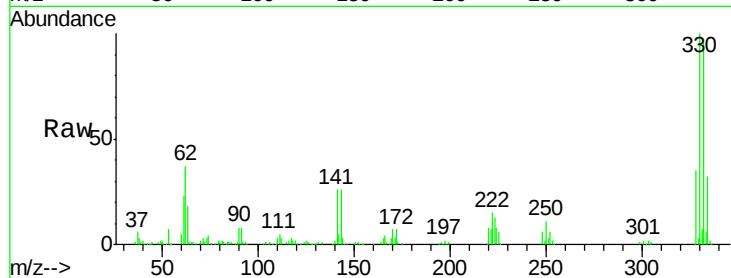




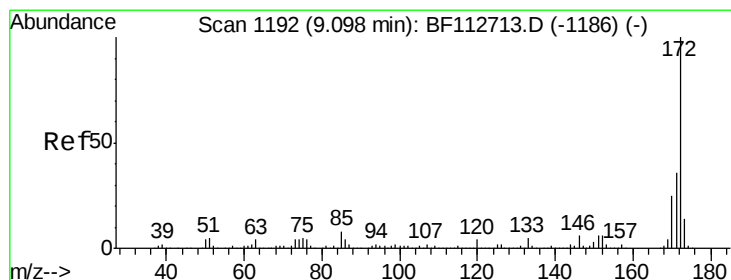
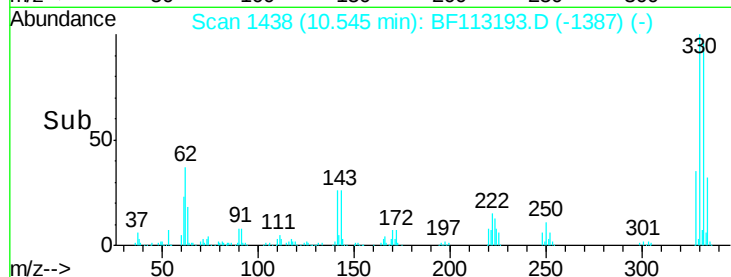
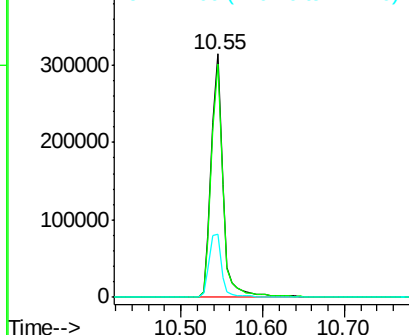
#42  
 2,4,6-Tribromophenol  
 Concen: 123.722 ng  
 RT: 10.55 min Scan# 1438  
 Delta R.T. -0.00 min  
 Lab File: BF113193.D  
 Acq: 21 Mar 2019 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20190129-LOC-6

Tgt Ion:330 Resp: 316171  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 76.3 114.5  
 141 28.5 22.3 33.5

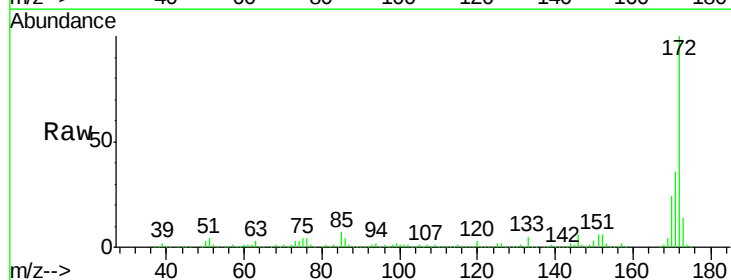


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

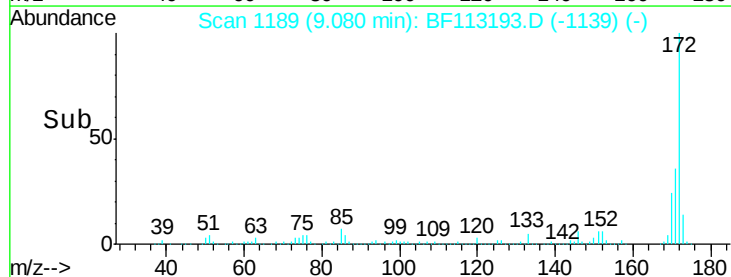
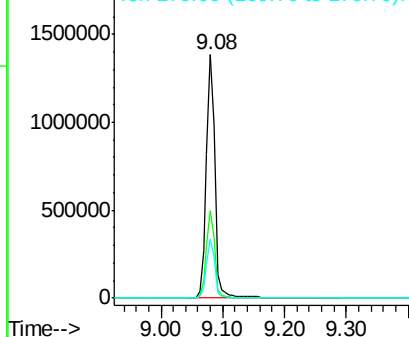


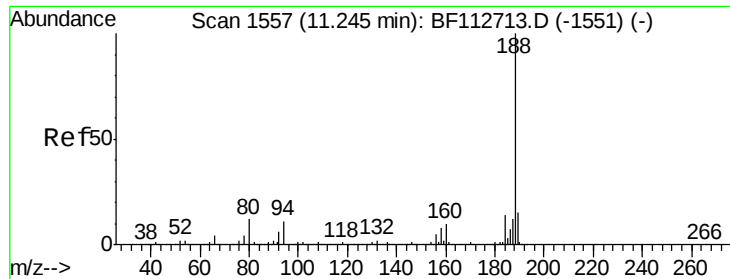
#45  
 2-Fluorobiphenyl  
 Concen: 97.314 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. -0.01 min  
 Lab File: BF113193.D  
 Acq: 21 Mar 2019 2:54

Tgt Ion:172 Resp: 1360074  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.0 43.4  
 170 24.3 20.1 30.1



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

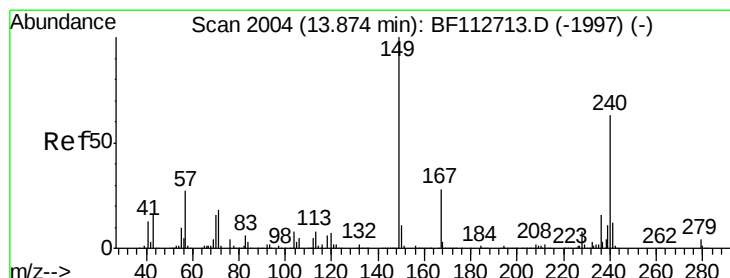
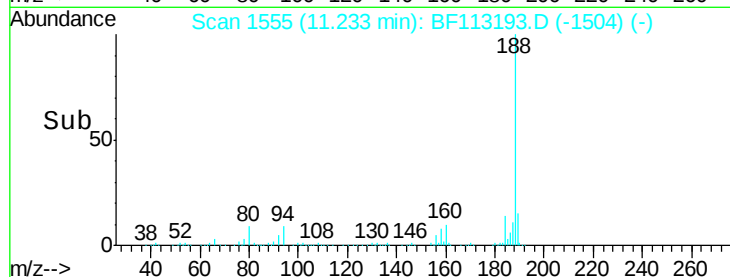
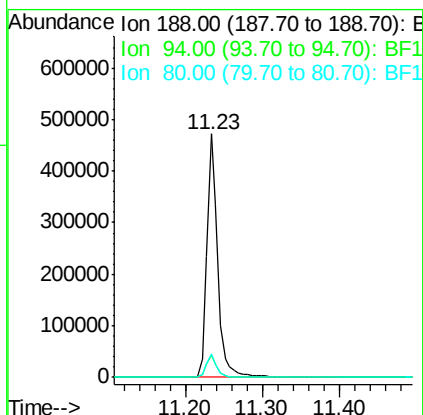
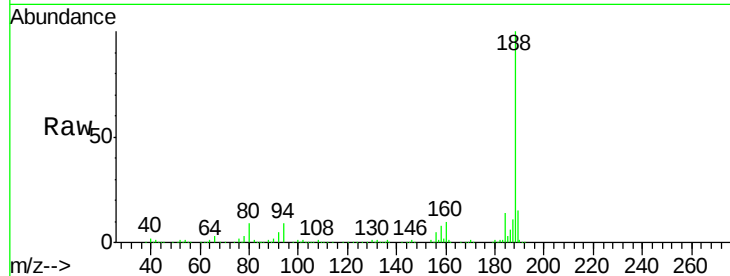




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.23 min Scan# 1555  
Delta R.T. -0.00 min  
Lab File: BF113193.D  
Acq: 21 Mar 2019 2:54

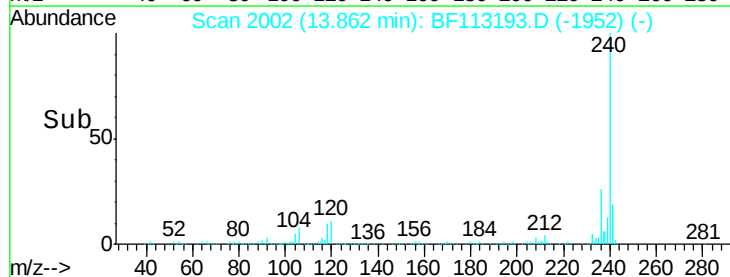
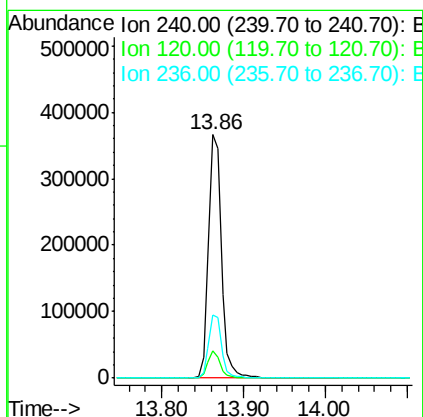
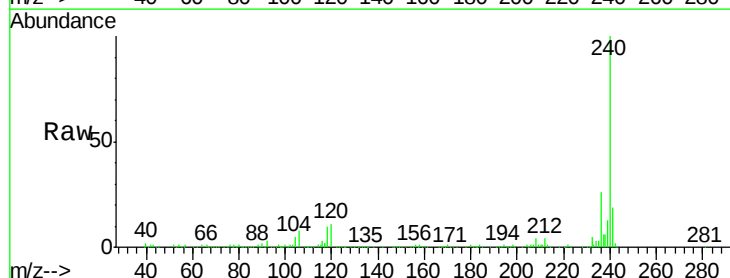
Instrument :  
BNA\_F  
ClientSampleId :  
20190129-LOC-6

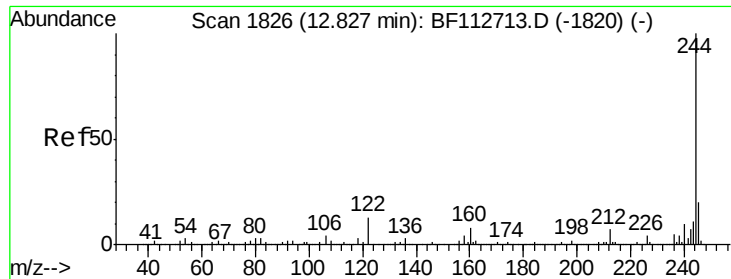
Tgt Ion:188 Resp: 456054  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.4 11.2  
80 9.5 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.86 min Scan# 2002  
Delta R.T. -0.01 min  
Lab File: BF113193.D  
Acq: 21 Mar 2019 2:54

Tgt Ion:240 Resp: 401418  
Ion Ratio Lower Upper  
240 100  
120 11.0 8.6 12.8  
236 25.7 21.2 31.8

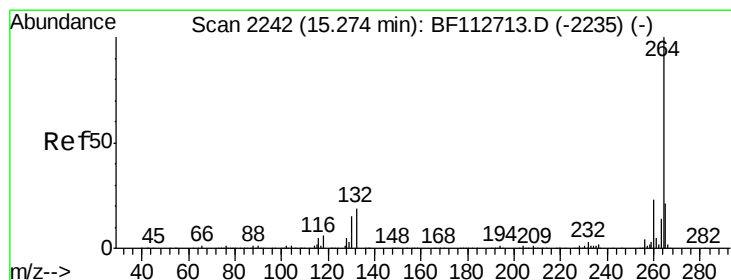
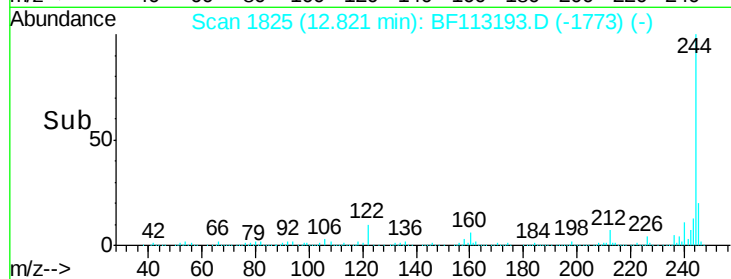
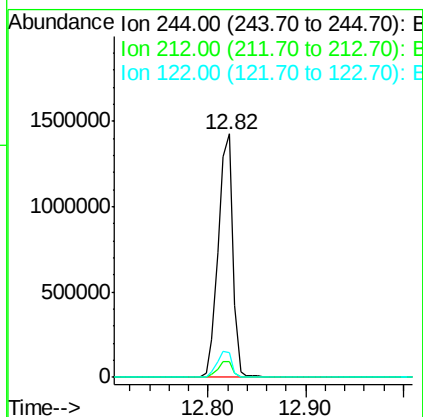
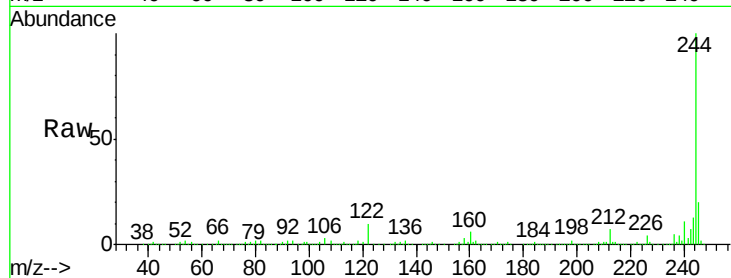




#79  
 Terphenyl-d14  
 Concen: 71.786 ng  
 RT: 12.82 min Scan# 1825  
 Delta R.T. 0.01 min  
 Lab File: BF113193.D  
 Acq: 21 Mar 2019 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20190129-LOC-6

Tgt Ion: 244 Resp: 1486526  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.7 8.5  
 122 10.1 9.4 14.2



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.27 min Scan# 2242  
 Delta R.T. 0.01 min  
 Lab File: BF113193.D  
 Acq: 21 Mar 2019 2:54

Tgt Ion: 264 Resp: 298741  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.2 28.8  
 265 21.9 17.7 26.5

