

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\  
 Data File : BF117219.D  
 Acq On : 24 Sep 2019 16:53  
 Operator : JU  
 Sample : PB123227BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123227BL

Quant Time: Sep 25 06:38:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

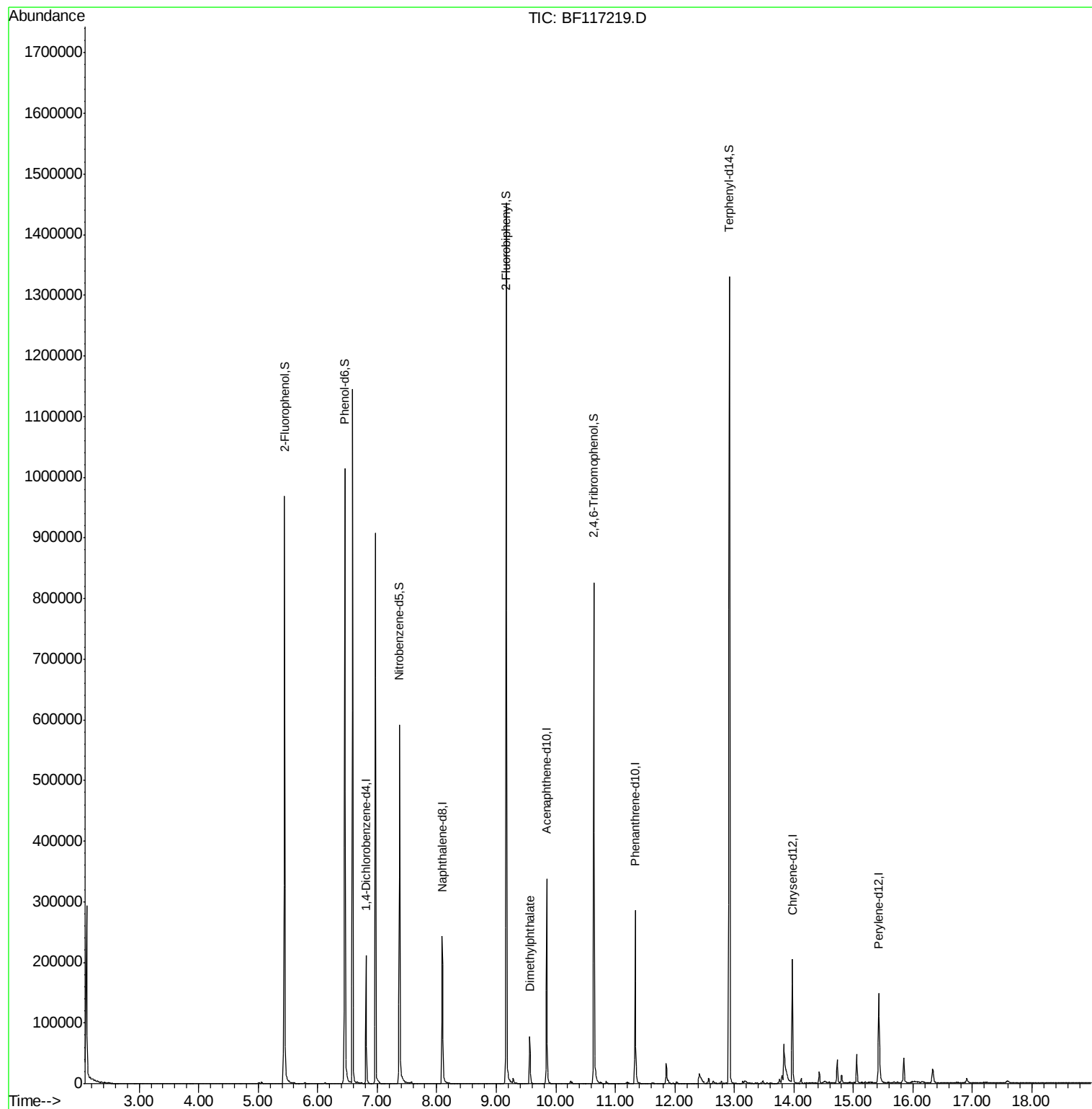
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 33750    | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 8.09  | 136  | 137138   | 20.00  | ng    | -0.01        |
| 39) Acenaphthene-d10        | 9.85  | 164  | 71280    | 20.00  | ng    | -0.01        |
| 64) Phenanthrene-d10        | 11.33 | 188  | 116831   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.97 | 240  | 76220    | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 15.43 | 264  | 63899    | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.45  | 112  | 270923   | 125.33 | ng    | 0.00         |
| 7) Phenol-d6                | 6.46  | 99   | 378019   | 135.31 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 235759   | 90.33  | ng    | -0.01        |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330  | 93179    | 156.41 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 439738   | 96.46  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.92 | 244  | 495903   | 121.62 | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.56  | 163  | 36542    | 7.240  | ng    | Qvalue<br>99 |

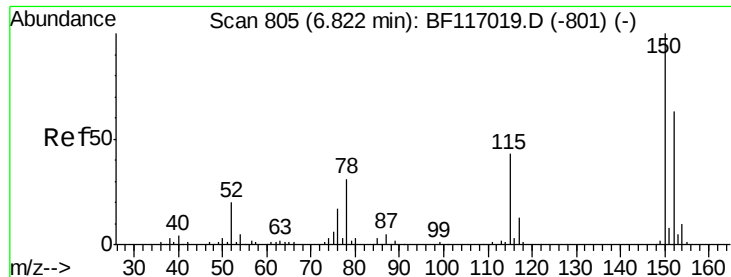
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 7 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
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Response via : Initial Calibration



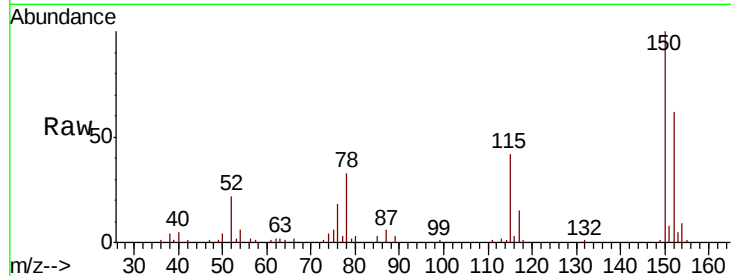


#1

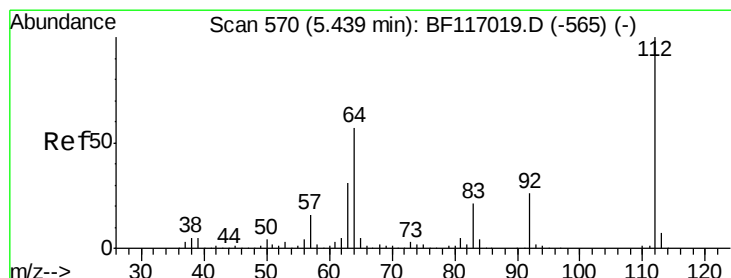
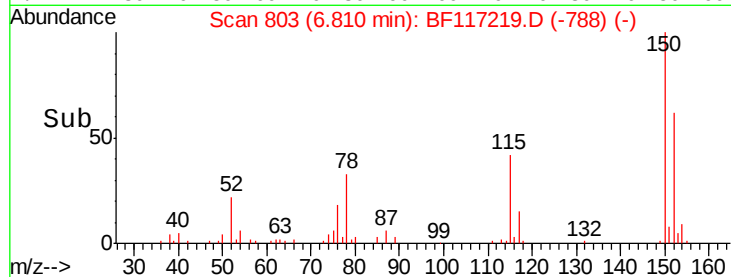
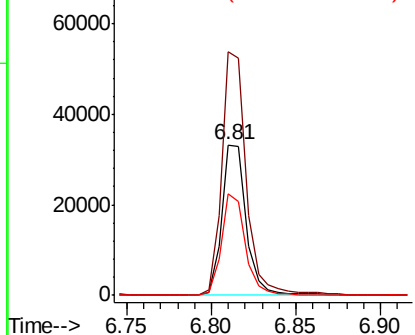
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.81 min Scan# 803  
 Delta R.T. -0.01 min  
 Lab File: BF117219.D  
 Acq: 24 Sep 2019 16:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123227BL

Tot Ion:152 Resp: 33750  
 Ion Ratio Lower Upper  
 152 100  
 150 161.5 127.5 191.3  
 115 67.1 55.0 82.4



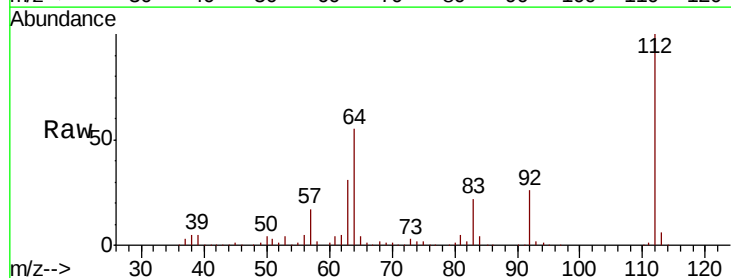
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



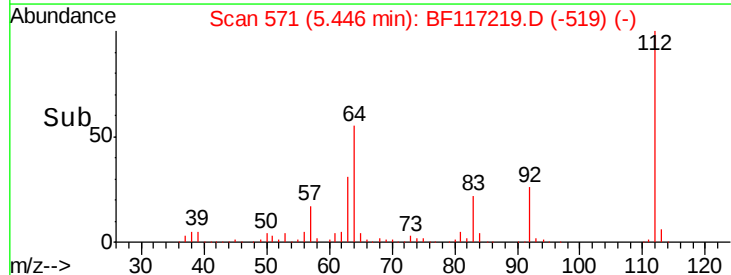
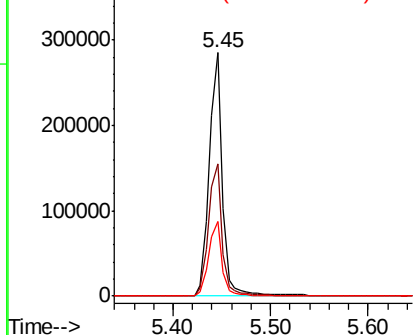
#5

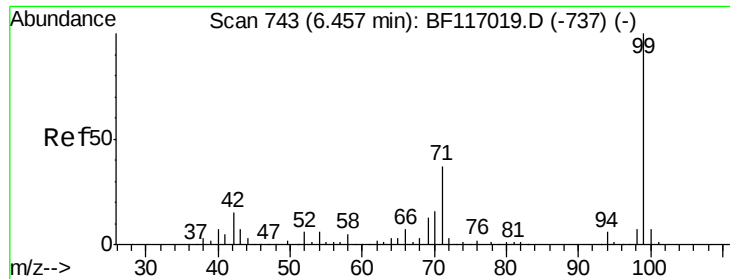
2-Fluorophenol  
 Concen: 125.327 ng  
 RT: 5.45 min Scan# 571  
 Delta R.T. 0.01 min  
 Lab File: BF117219.D  
 Acq: 24 Sep 2019 16:53

Tgt Ion:112 Resp: 270923  
 Ion Ratio Lower Upper  
 112 100  
 64 54.5 45.7 68.5  
 63 30.6 24.9 37.3



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: 135.309 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117219.D

Acq: 24 Sep 2019 16:53

Instrument :

BNA\_F

ClientSampleId :

PB123227BL

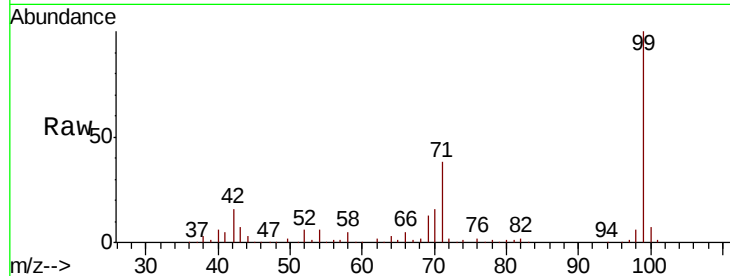
Tot Ion: 99 Resp: 378019

Ion Ratio Lower Upper

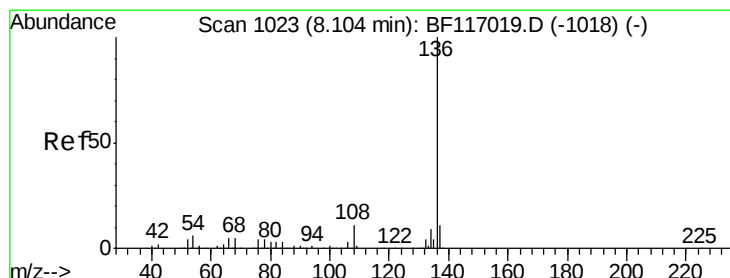
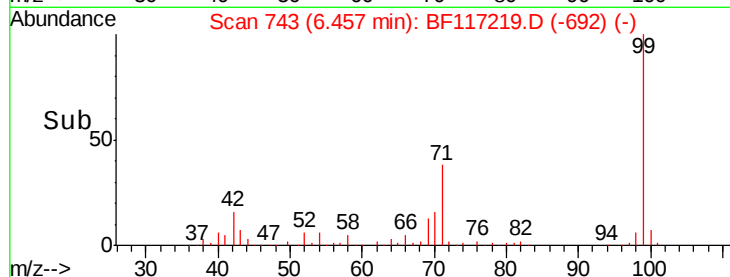
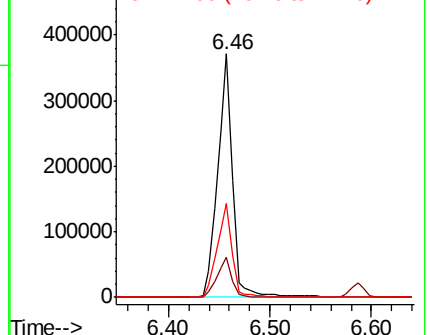
99 100

42 16.3 12.2 18.2

71 38.4 29.8 44.8



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117219.D

Acq: 24 Sep 2019 16:53

Tgt Ion: 136 Resp: 137138

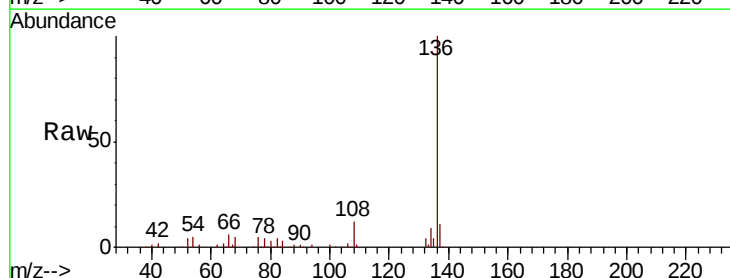
Ion Ratio Lower Upper

136 100

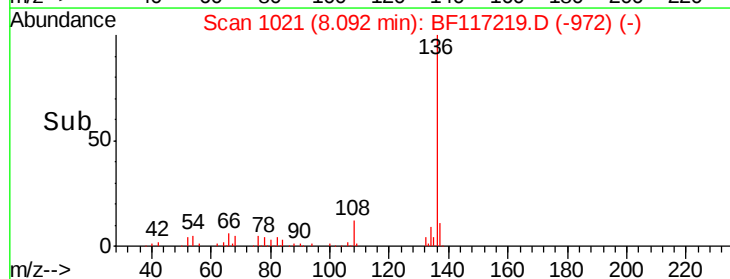
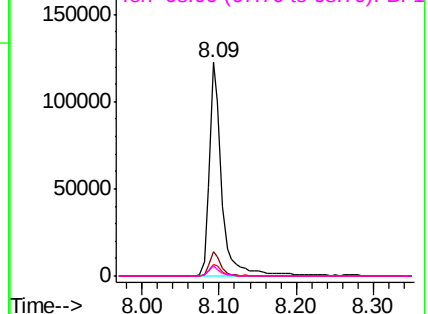
137 11.4 9.0 13.4

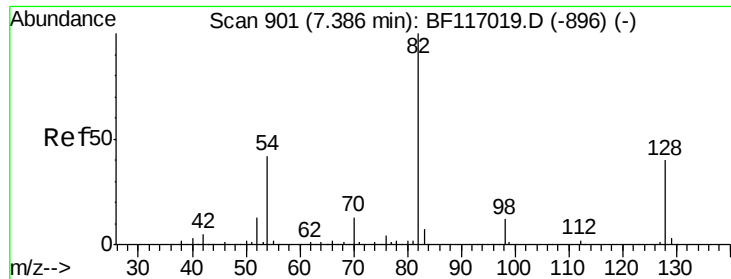
54 5.5 4.5 6.7

68 4.8 4.0 6.0



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

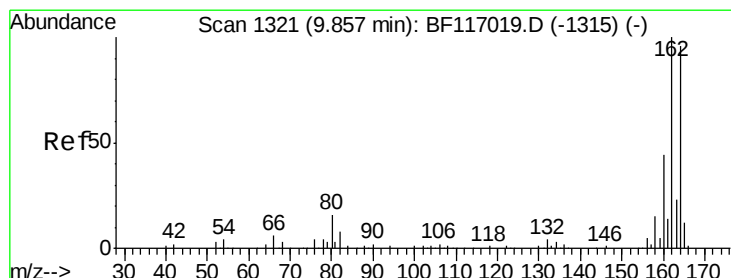
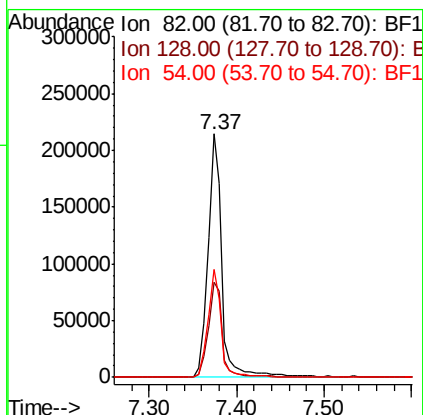
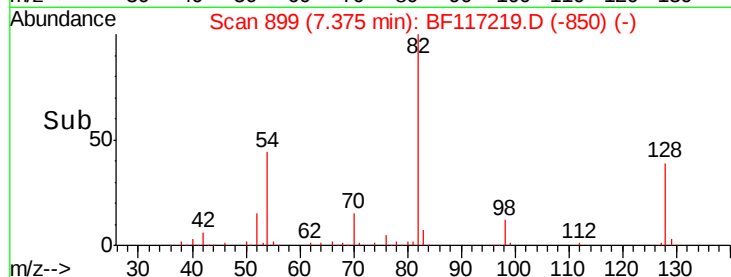
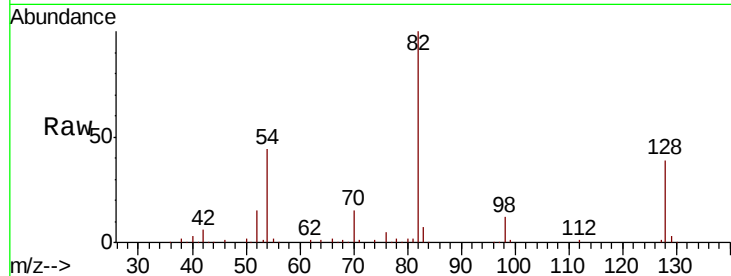




#23  
Nitrobenzene-d5  
Concen: 90.328 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: BF117219.D  
Acq: 24 Sep 2019 16:53

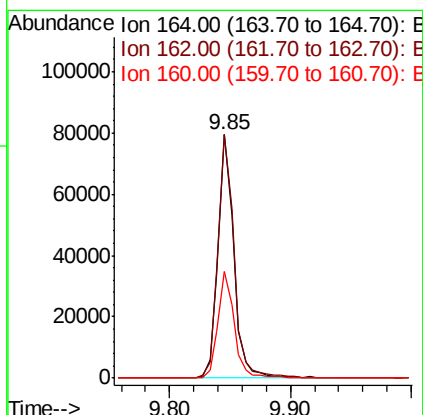
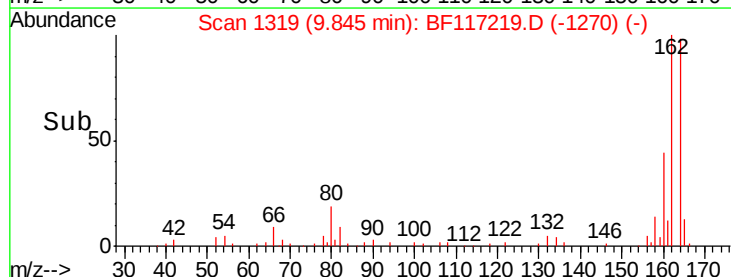
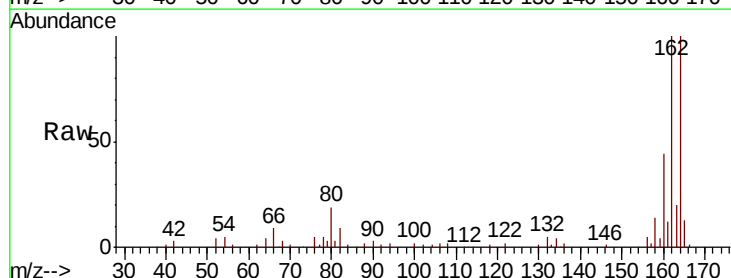
Instrument :  
BNA\_F  
ClientSampleId :  
PB123227BL

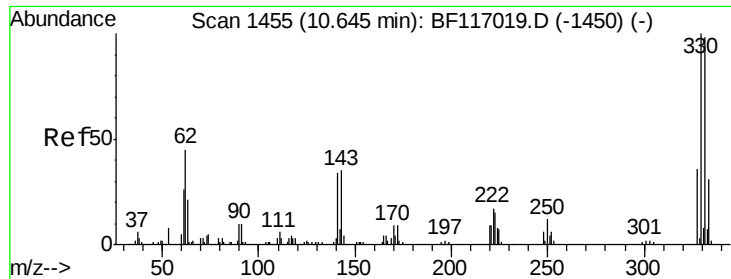
Tot Ion: 82 Resp: 235759  
Ion Ratio Lower Upper  
82 100  
128 39.3 32.3 48.5  
54 44.3 33.3 49.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BF117219.D  
Acq: 24 Sep 2019 16:53

Tgt Ion:164 Resp: 71280  
Ion Ratio Lower Upper  
164 100  
162 100.1 83.4 125.2  
160 43.7 36.4 54.6

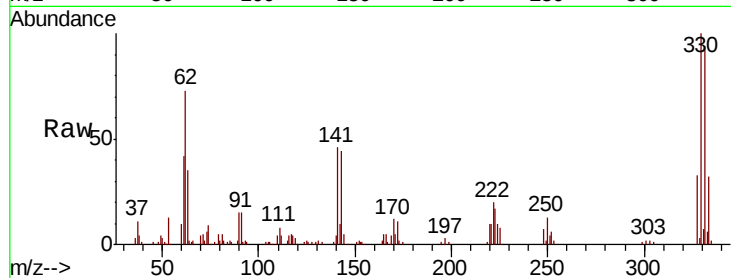




#42  
 2,4,6-Tribromophenol  
 Concen: 156.409 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. -0.01 min  
 Lab File: BF117219.D  
 Acq: 24 Sep 2019 16:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123227BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.3  | 78.0  | 117.0 |
| 141     | 44.2  | 35.8  | 53.6  |

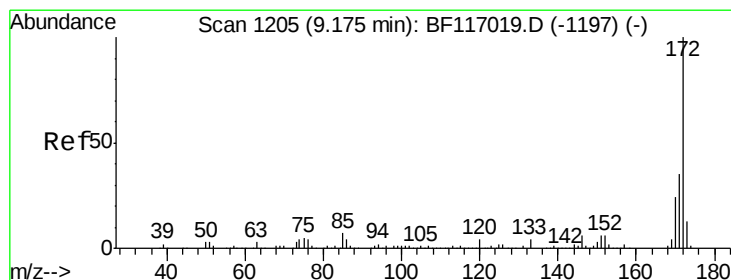
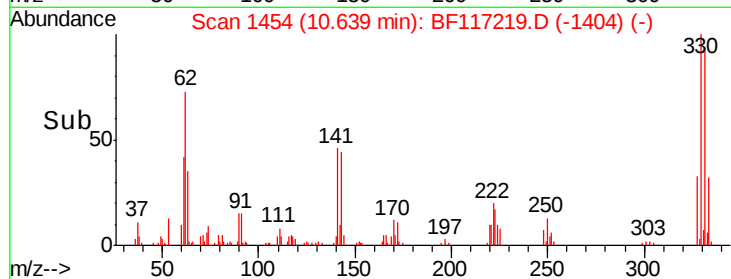
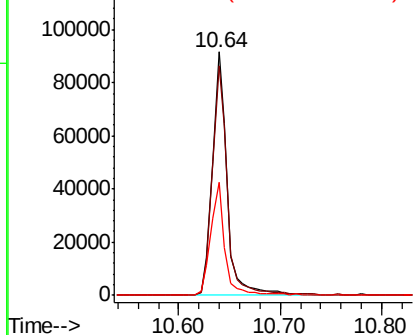


Abundance

Ion 329.80 (329.50 to 330.50): E

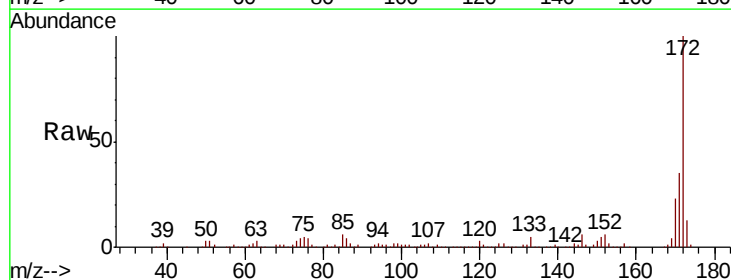
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 96.460 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF117219.D  
 Acq: 24 Sep 2019 16:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.2  | 28.2  | 42.2  |
| 170     | 23.0  | 18.9  | 28.3  |

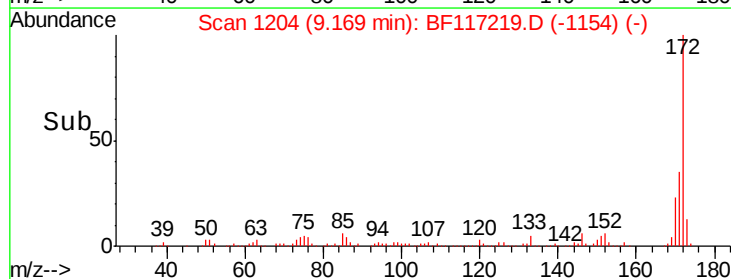
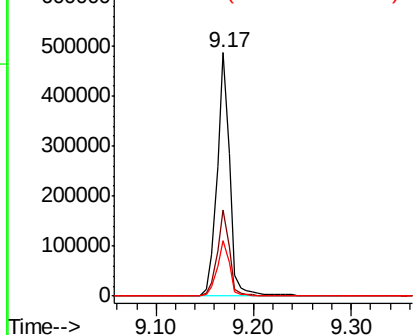


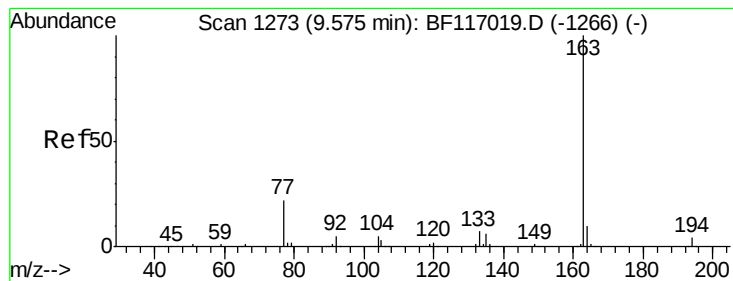
Abundance

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: 7.240 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF117219.D

Acq: 24 Sep 2019 16:53

Instrument :

BNA\_F

ClientSampleId :

PB123227BL

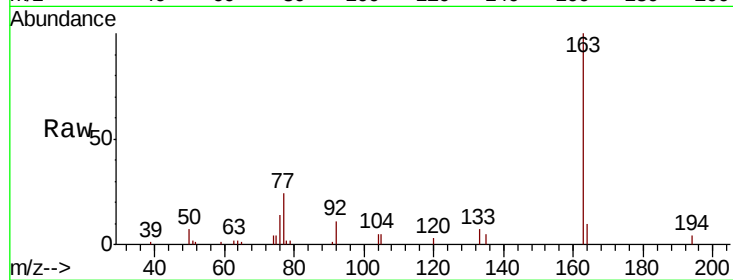
Tot Ion:163 Resp: 36542

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

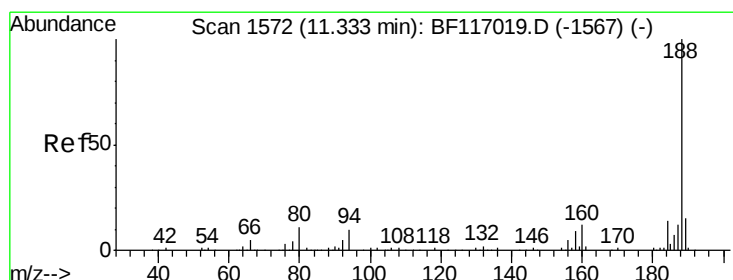
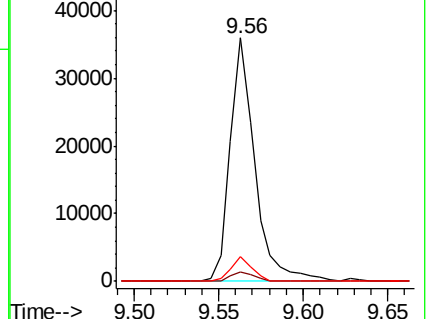
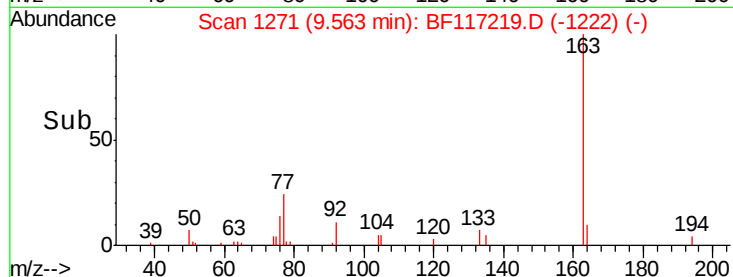
164 10.1 8.2 12.4



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117219.D

Acq: 24 Sep 2019 16:53

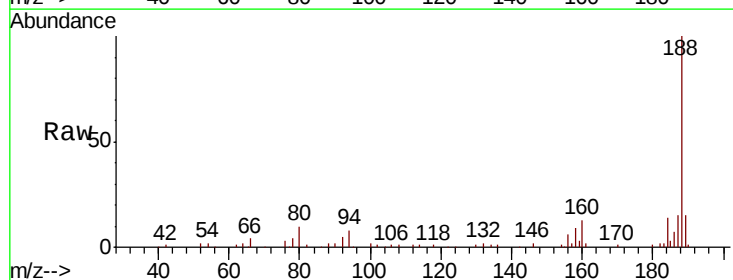
Tgt Ion:188 Resp: 116831

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2#

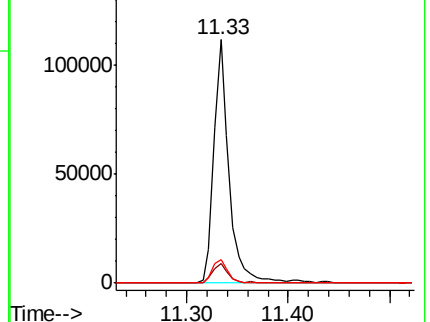
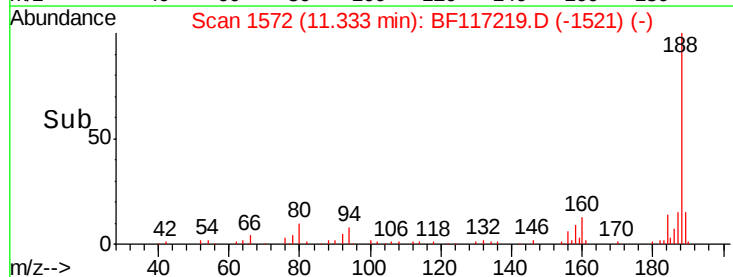
80 9.7 9.0 13.6

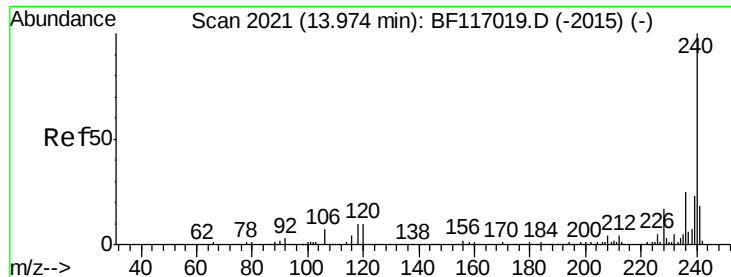


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

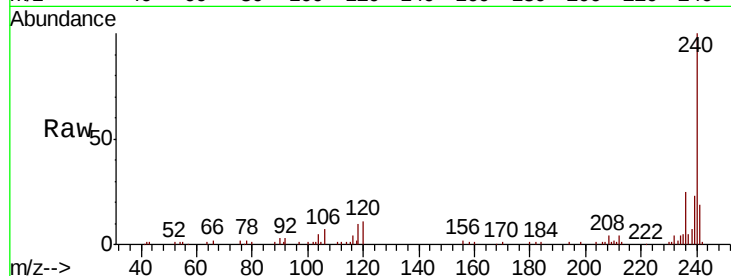




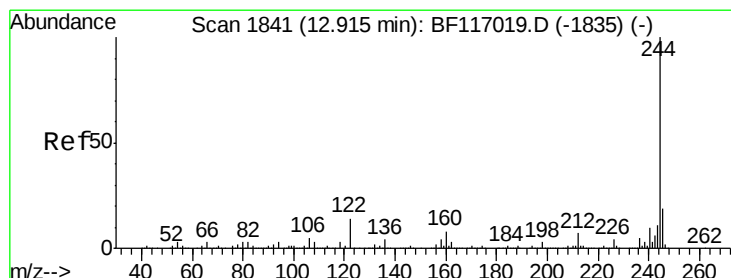
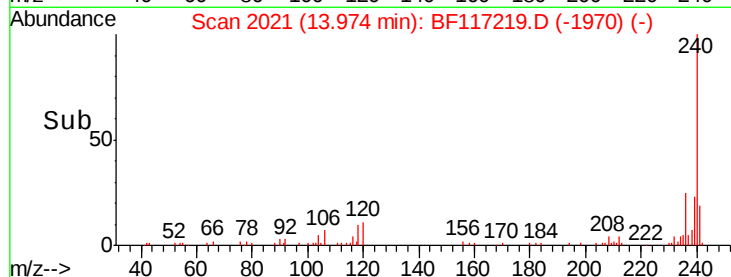
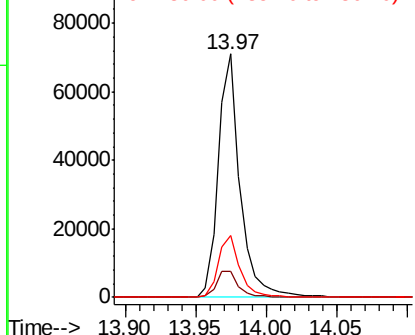
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2021  
 Delta R.T. 0.00 min  
 Lab File: BF117219.D  
 Acq: 24 Sep 2019 16:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123227BL

Tot Ion:240 Resp: 76220  
 Ion Ratio Lower Upper  
 240 100  
 120 10.8 8.3 12.5  
 236 25.2 20.3 30.5

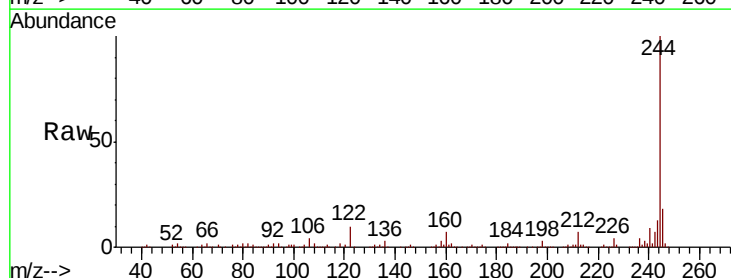


Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

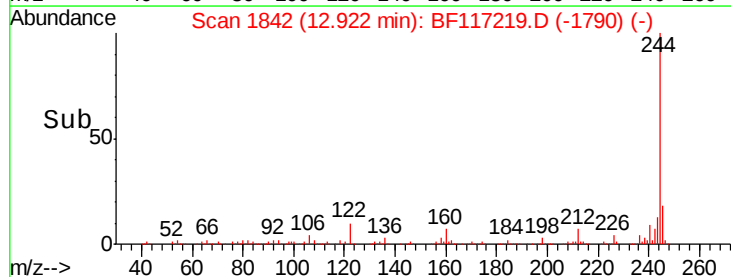
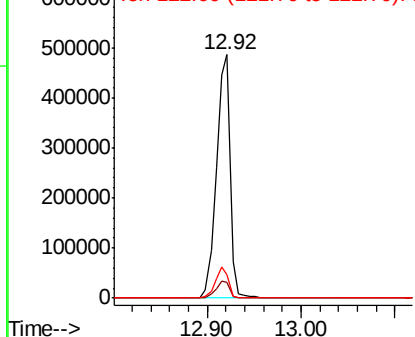


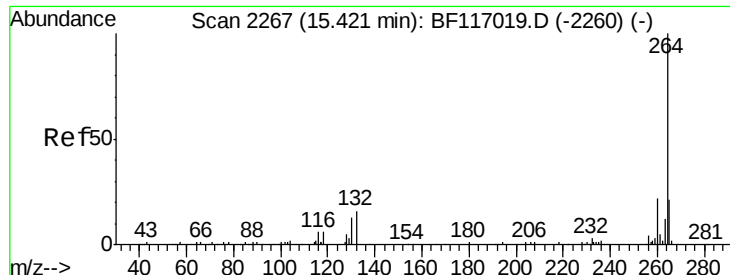
#79  
 Terphenyl-d14  
 Concen: 121.615 ng  
 RT: 12.92 min Scan# 1842  
 Delta R.T. 0.01 min  
 Lab File: BF117219.D  
 Acq: 24 Sep 2019 16:53

Tgt Ion:244 Resp: 495903  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.8 8.8  
 122 9.8 11.3 16.9#



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

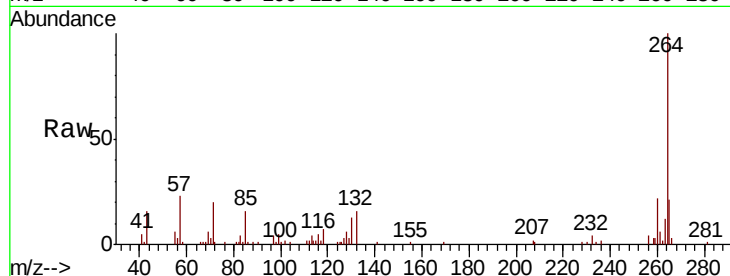




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.43 min Scan# 2268  
Delta R.T. 0.01 min  
Lab File: BF117219.D  
Acq: 24 Sep 2019 16:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB123227BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.3  | 17.6  | 26.4  |
| 265     | 20.8  | 16.6  | 24.8  |



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

