

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\  
 Data File : BF117320.D  
 Acq On : 3 Oct 2019 17:07  
 Operator : JU  
 Sample : PB123594BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123594BL

Quant Time: Oct 04 04:08:33 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

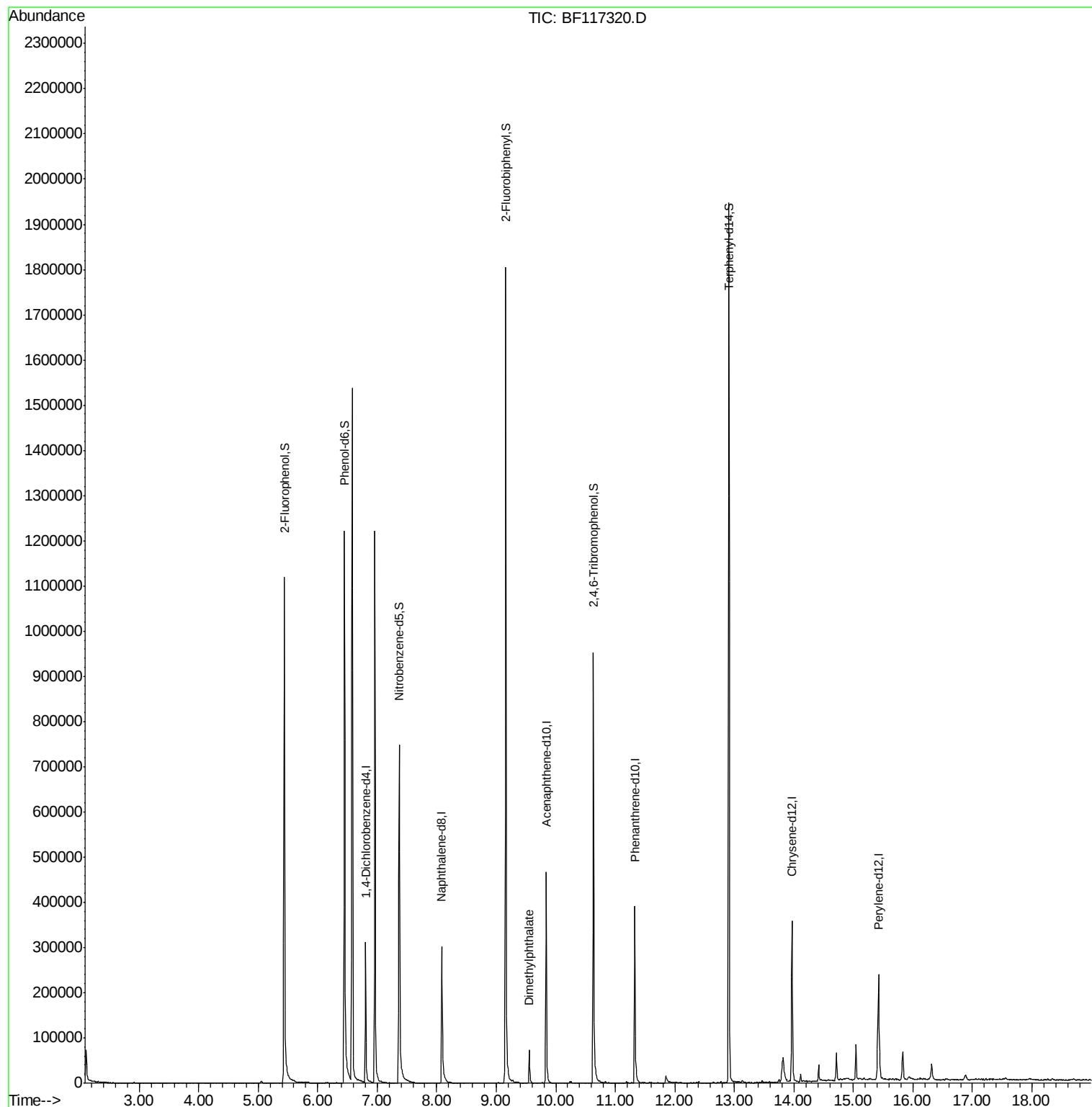
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 50943    | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 8.09  | 136  | 205029   | 20.00  | ng    | -0.02     |
| 39) Acenaphthene-d10        | 9.84  | 164  | 106960   | 20.00  | ng    | -0.02     |
| 64) Phenanthrene-d10        | 11.33 | 188  | 178770   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.97 | 240  | 132632   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 15.42 | 264  | 117282   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.44  | 112  | 369840   | 113.34 | ng    | 0.00      |
| 7) Phenol-d6                | 6.45  | 99   | 531494   | 126.04 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 345416   | 88.52  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 10.63 | 330  | 123383   | 138.02 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.16  | 172  | 636695   | 93.07  | ng    | -0.01     |
| 79) Terphenyl-d14           | 12.91 | 244  | 663838   | 93.56  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.56  | 163  | 40194    | 5.307  | ng    | Qvalue 99 |

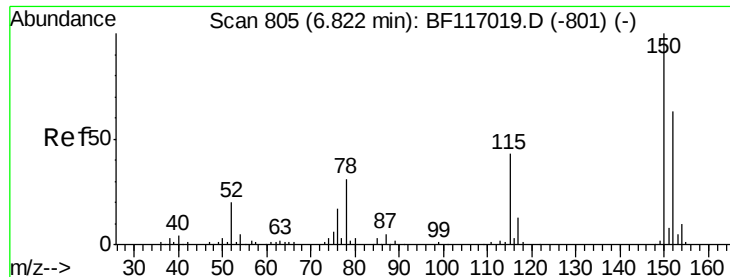
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\  
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Time: Oct 04 04:08:33 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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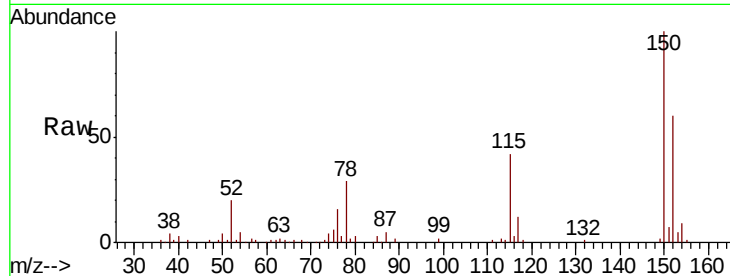


#1

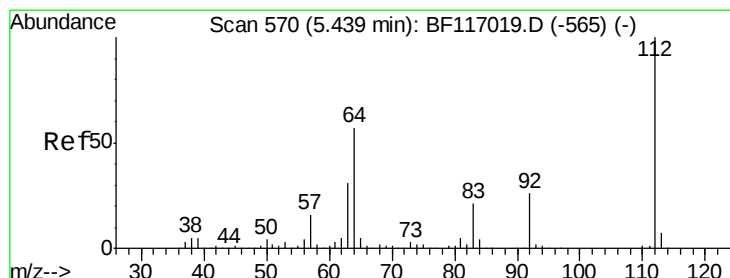
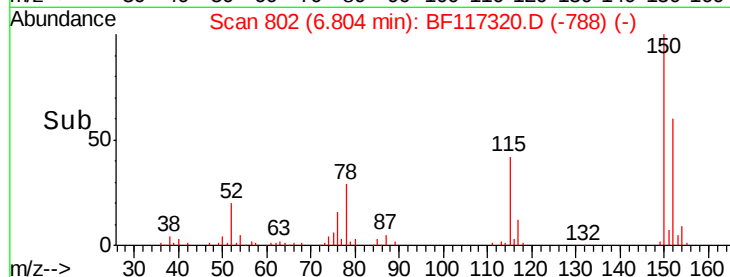
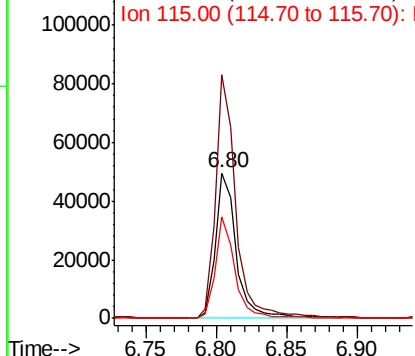
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. -0.02 min  
Lab File: BF117320.D  
Acq: 3 Oct 2019 17:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB123594BL

Tot Ion:152 Resp: 50943  
Ion Ratio Lower Upper  
152 100  
150 167.4 127.5 191.3  
115 69.9 55.0 82.4



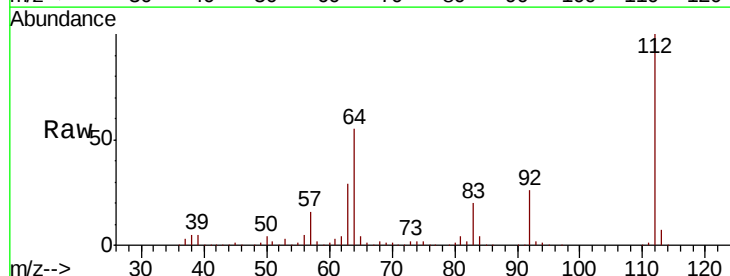
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



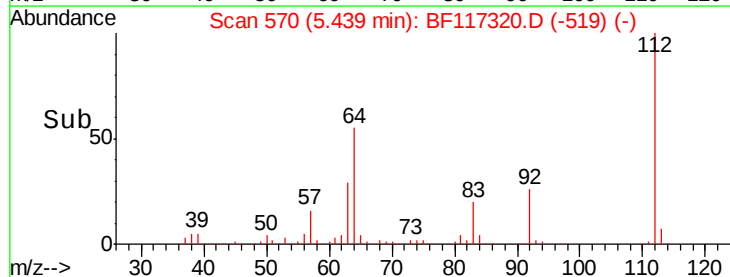
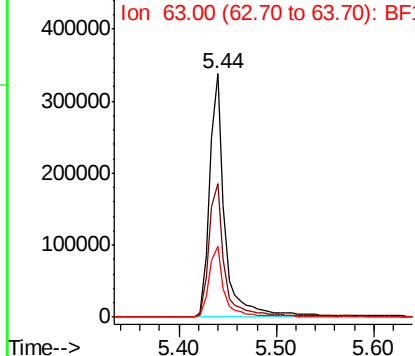
#5

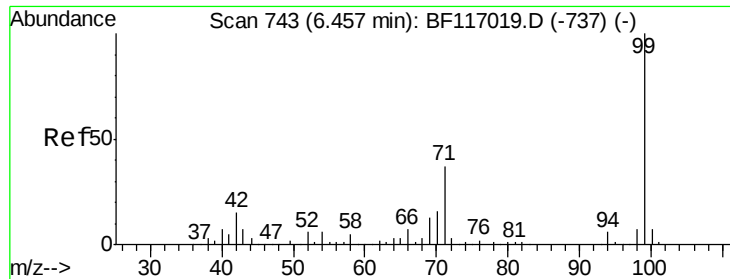
2-Fluorophenol  
Concen: 113.345 ng  
RT: 5.44 min Scan# 570  
Delta R.T. 0.00 min  
Lab File: BF117320.D  
Acq: 3 Oct 2019 17:07

Tgt Ion:112 Resp: 369840  
Ion Ratio Lower Upper  
112 100  
64 54.8 45.7 68.5  
63 29.1 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: 126.038 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117320.D

Acq: 3 Oct 2019 17:07

Instrument :

BNA\_F

ClientSampleId :

PB123594BL

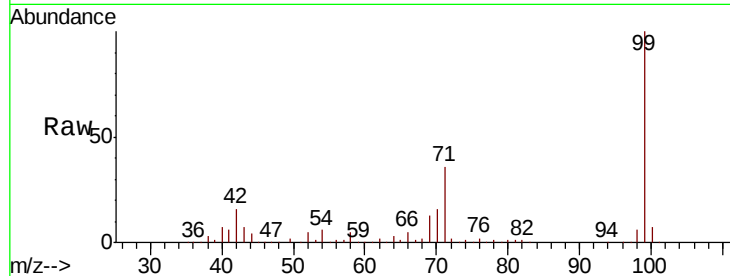
Tot Ion: 99 Resp: 531494

Ion Ratio Lower Upper

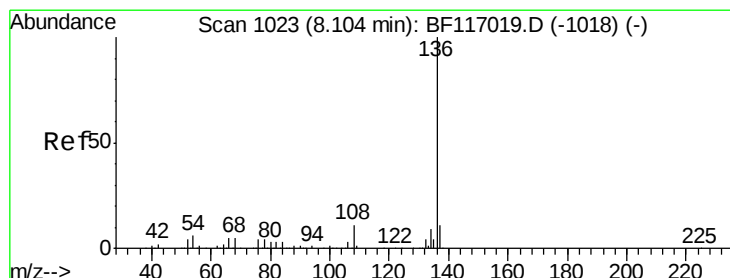
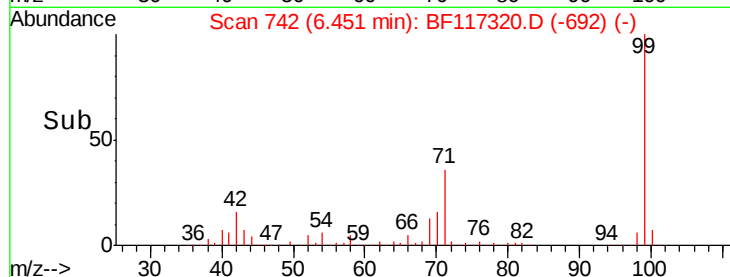
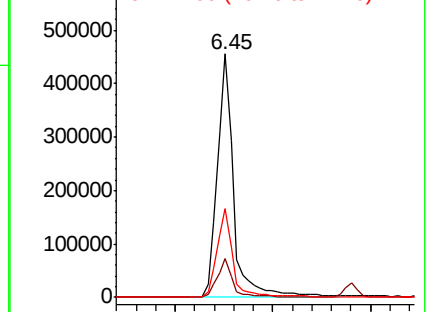
99 100

42 15.8 12.2 18.2

71 36.5 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# 1020

Delta R.T. -0.02 min

Lab File: BF117320.D

Acq: 3 Oct 2019 17:07

Tgt Ion: 136 Resp: 205029

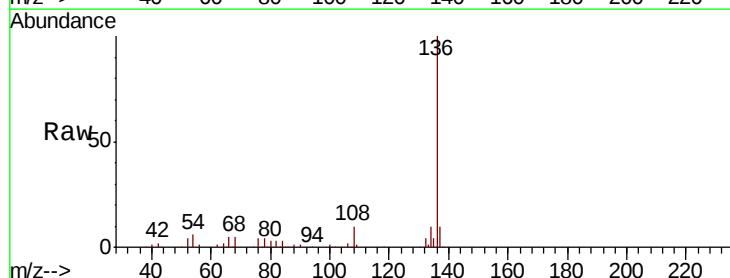
Ion Ratio Lower Upper

136 100

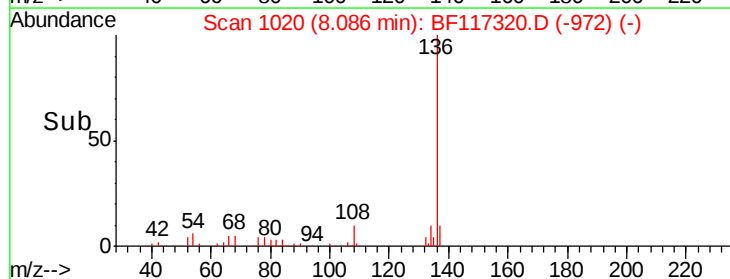
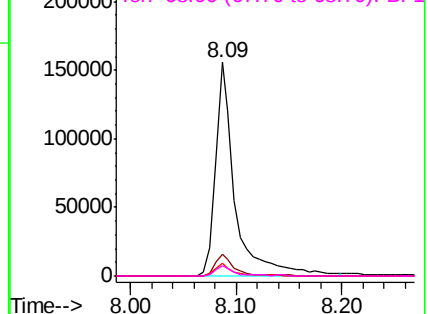
137 10.5 9.0 13.4

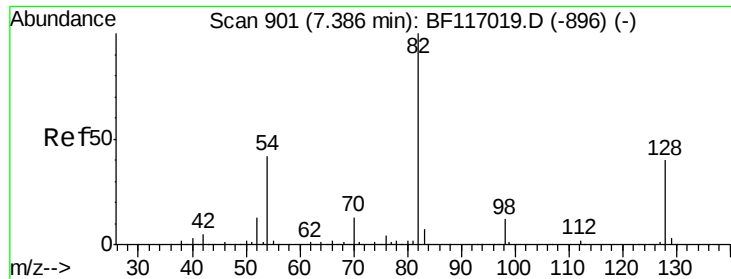
54 5.8 4.5 6.7

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

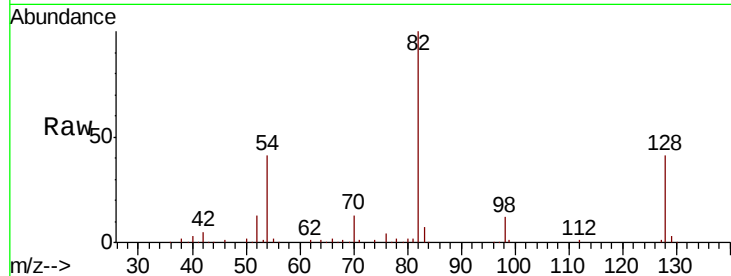




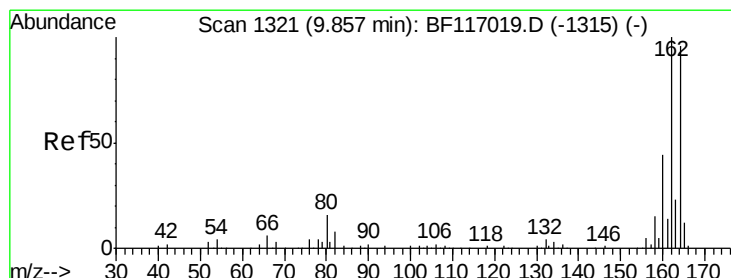
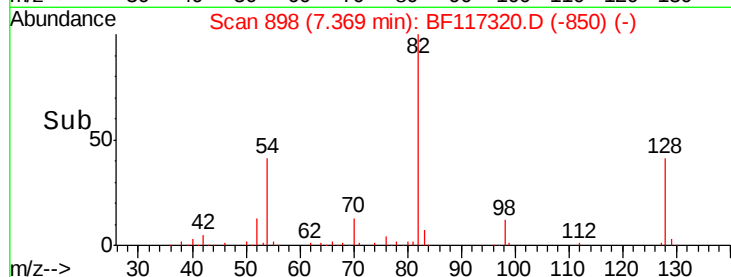
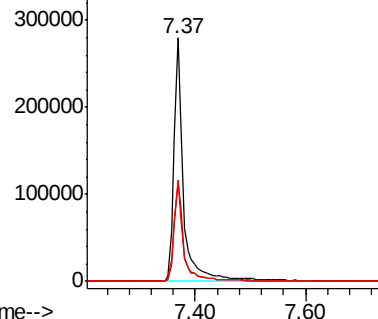
#23  
 Nitrobenzene-d5  
 Concen: 88.519 ng  
 RT: 7.37 min Scan# 898  
 Delta R.T. -0.02 min  
 Lab File: BF117320.D  
 Acq: 3 Oct 2019 17:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123594BL

| Tot Ion   | 82   | Resp  | 345416 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 40.6 | 32.3  | 48.5   |
| 54        | 41.5 | 33.3  | 49.9   |

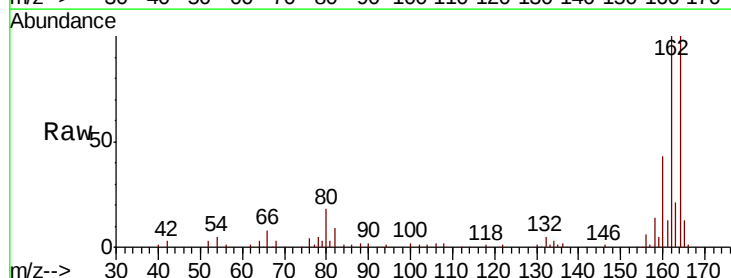


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF1

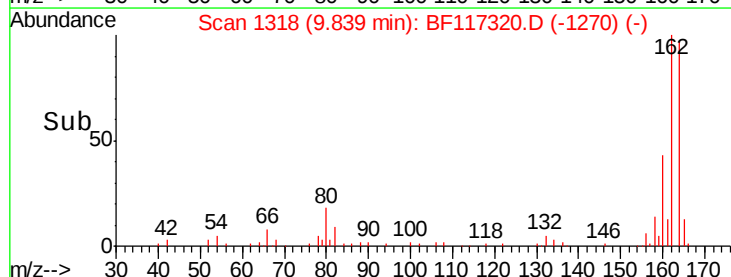
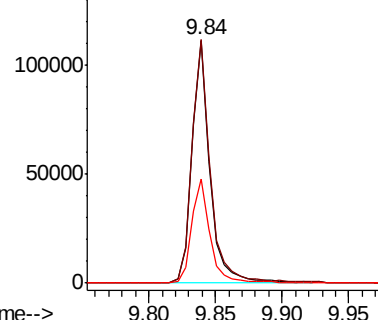


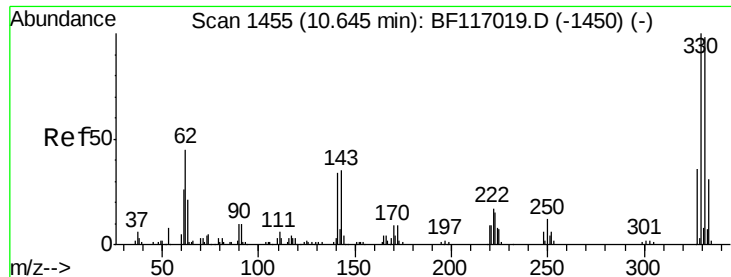
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.84 min Scan# 1318  
 Delta R.T. -0.02 min  
 Lab File: BF117320.D  
 Acq: 3 Oct 2019 17:07

| Tgt Ion   | 164   | Resp  | 106960 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 100.4 | 83.4  | 125.2  |
| 160       | 42.8  | 36.4  | 54.6   |



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

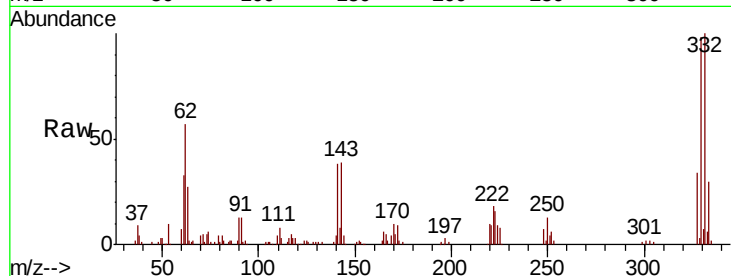




#42  
 2,4,6-Tribromophenol  
 Concen: 138.021 ng  
 RT: 10.63 min Scan# 1453  
 Delta R.T. -0.01 min  
 Lab File: BF117320.D  
 Acq: 3 Oct 2019 17:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123594BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 78.0  | 117.0 |
| 141     | 43.3  | 35.8  | 53.6  |

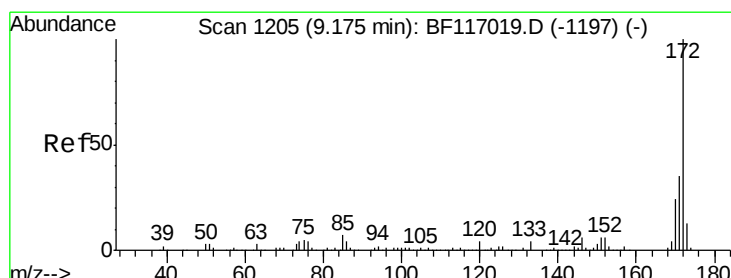
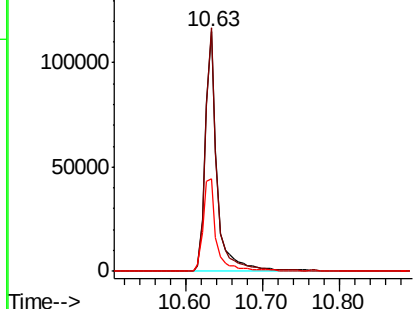
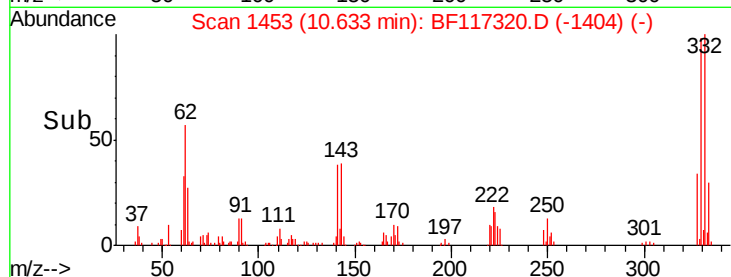


Abundance

Ion 329.80 (329.50 to 330.50): E

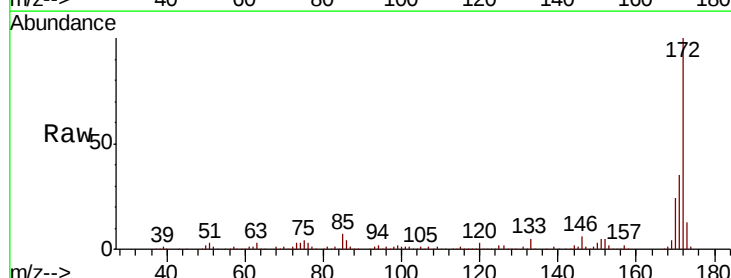
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 93.074 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BF117320.D  
 Acq: 3 Oct 2019 17:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.7  | 28.2  | 42.2  |
| 170     | 23.6  | 18.9  | 28.3  |

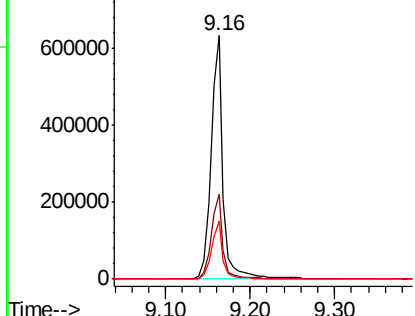
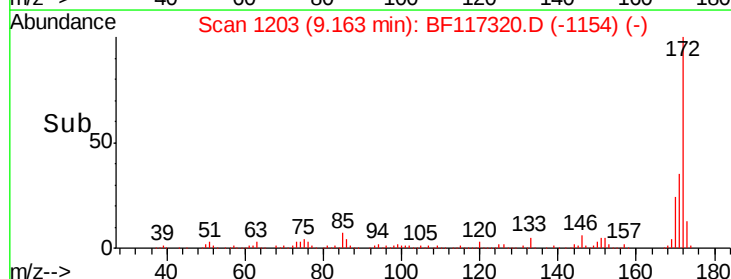


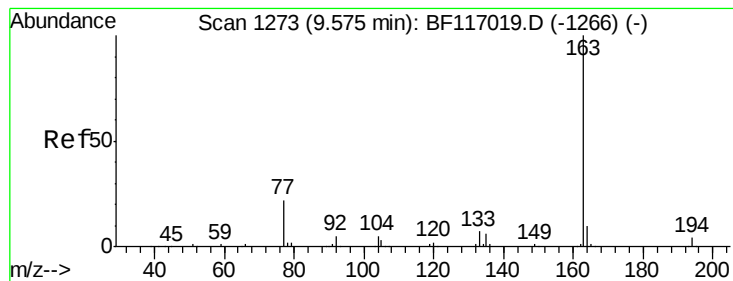
Abundance

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: 5.307 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF117320.D

Acq: 3 Oct 2019 17:07

Instrument :

BNA\_F

ClientSampleId :

PB123594BL

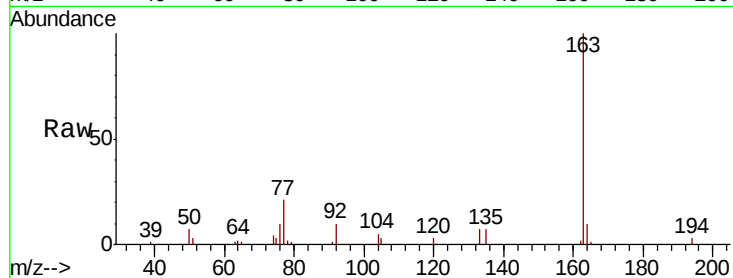
Tot Ion:163 Resp: 40194

Ion Ratio Lower Upper

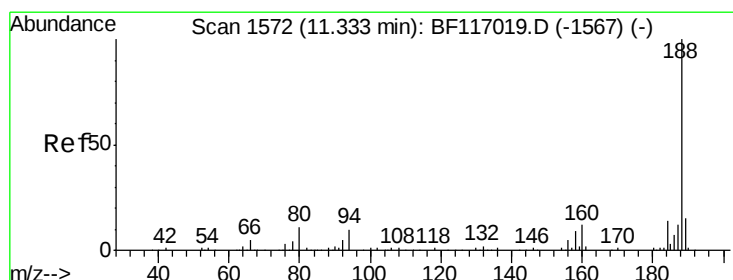
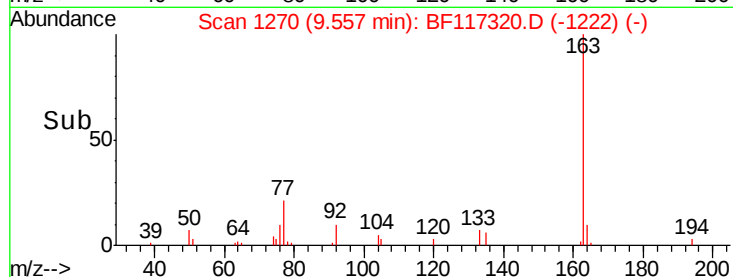
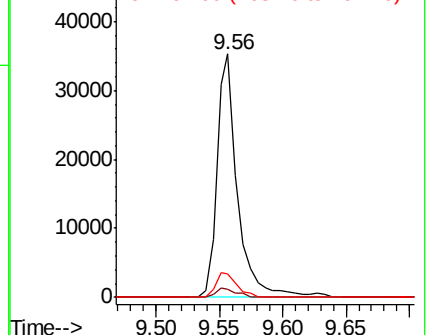
163 100

194 3.2 2.9 4.3

164 9.8 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# 1571

Delta R.T. -0.01 min

Lab File: BF117320.D

Acq: 3 Oct 2019 17:07

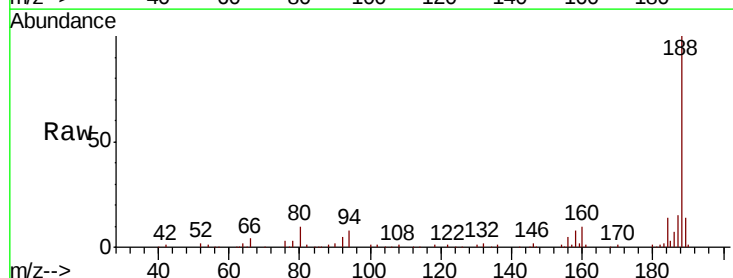
Tgt Ion:188 Resp: 178770

Ion Ratio Lower Upper

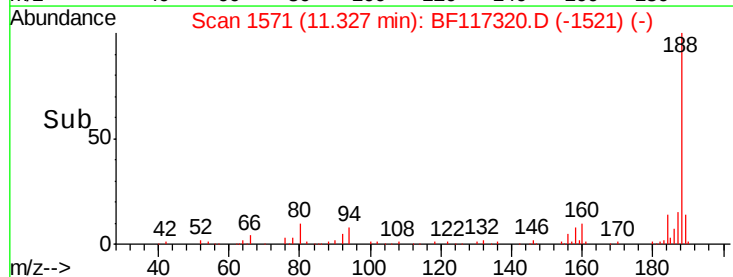
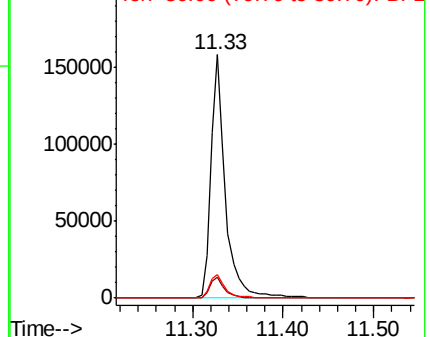
188 100

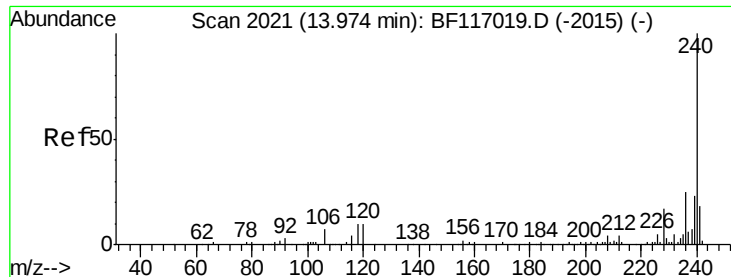
94 8.4 8.2 12.2

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

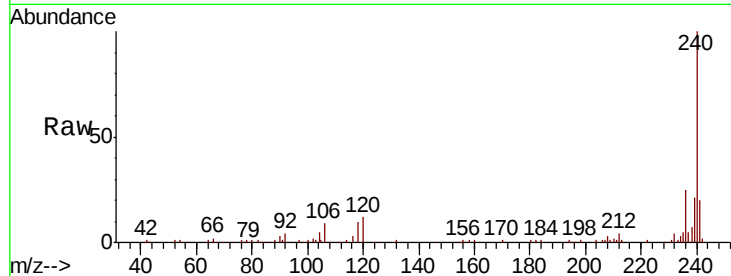




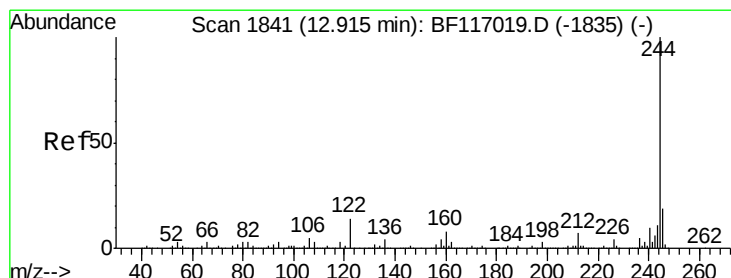
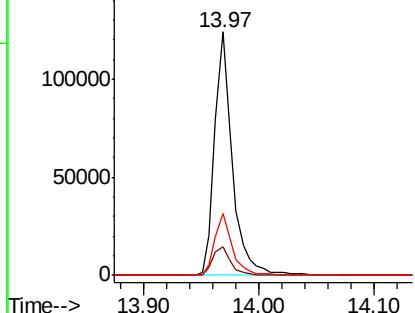
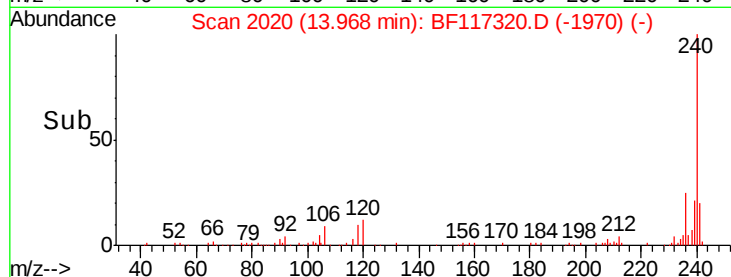
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. -0.01 min  
 Lab File: BF117320.D  
 Acq: 3 Oct 2019 17:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123594BL

Tot Ion:240 Resp: 132632  
 Ion Ratio Lower Upper  
 240 100  
 120 11.7 8.3 12.5  
 236 25.3 20.3 30.5

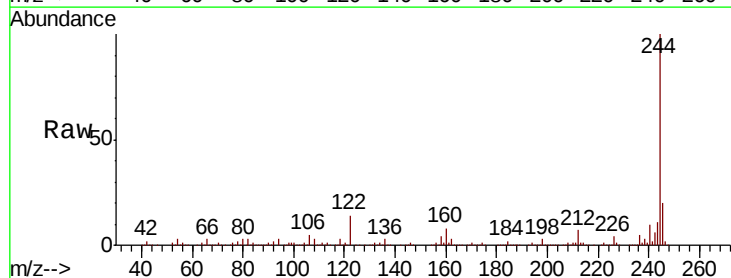


Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

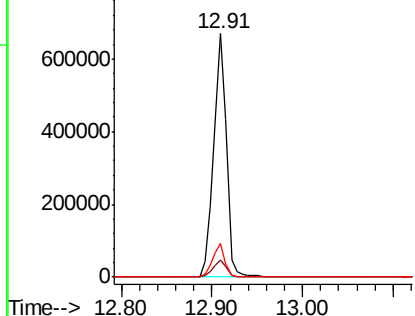
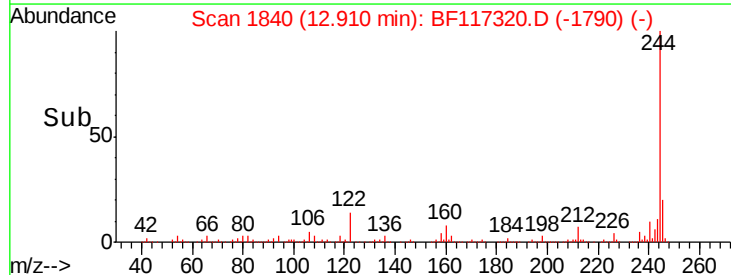


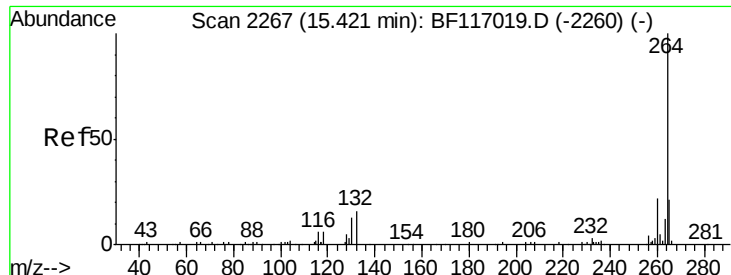
#79  
 Terphenyl-d14  
 Concen: 93.557 ng  
 RT: 12.91 min Scan# 1840  
 Delta R.T. -0.01 min  
 Lab File: BF117320.D  
 Acq: 3 Oct 2019 17:07

Tgt Ion:244 Resp: 663838  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.8  
 122 14.0 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: 15.42 min Scan# 2267  
 Delta R.T. 0.00 min  
 Lab File: BF117320.D  
 Acq: 3 Oct 2019 17:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123594BL

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 117282 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.1  | 17.6  | 26.4   |
| 265      | 20.3  | 16.6  | 24.8   |

