

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\  
 Data File : BF119394.D  
 Acq On : 12 Mar 2020 21:59  
 Operator : CG/JU  
 Sample : L1852-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1-S

Quant Time: Mar 13 03:46:47 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

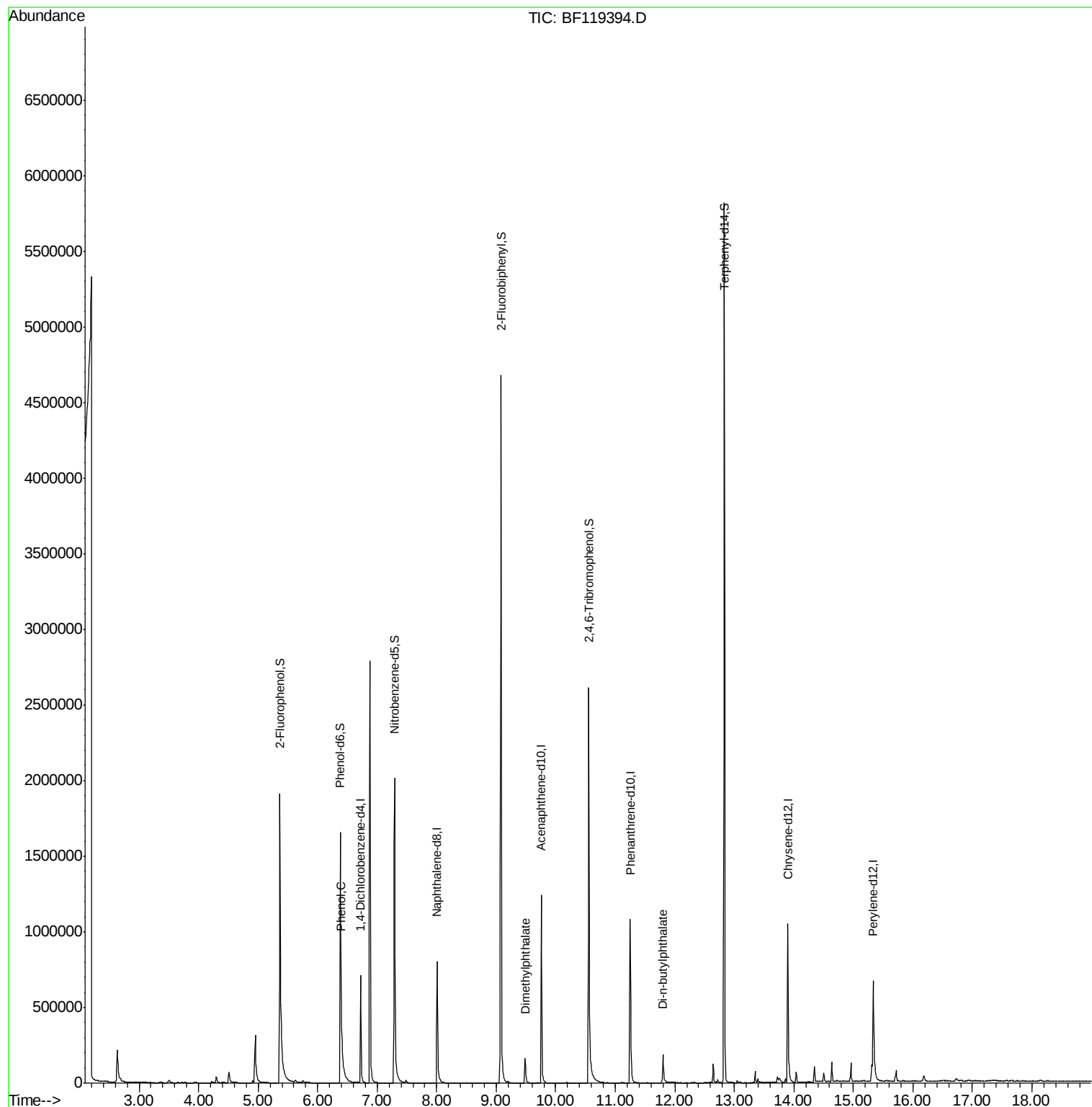
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 122299   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.00  | 136  | 476036   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.76  | 164  | 270072   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.25 | 188  | 541731   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 13.90 | 240  | 449222   | 20.00  | ng    | 0.01        |
| 87) Perylene-d12            | 15.33 | 264  | 407115   | 20.00  | ng    | 0.02        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.36  | 112  | 840156   | 114.80 | ng    | 0.01        |
| 7) Phenol-d6                | 6.38  | 99   | 898968   | 101.01 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 801872   | 88.94  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 10.56 | 330  | 455397   | 128.90 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.08  | 172  | 1524600  | 83.16  | ng    | 0.00        |
| 79) Terphenyl-d14           | 12.83 | 244  | 2174083  | 83.32  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.40  | 94   | 22991    | 2.389  | ng    | Qvalue # 52 |
| 50) Dimethylphthalate       | 9.49  | 163  | 101464   | 4.913  | ng    | 99          |
| 74) Di-n-butylphthalate     | 11.80 | 149  | 87126    | 2.736  | ng    | 97          |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\  
Data File : BF119394.D  
Acq On : 12 Mar 2020 21:59  
Operator : CG/JU  
Sample : L1852-04  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1-S

Quant Time: Mar 13 03:46:47 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



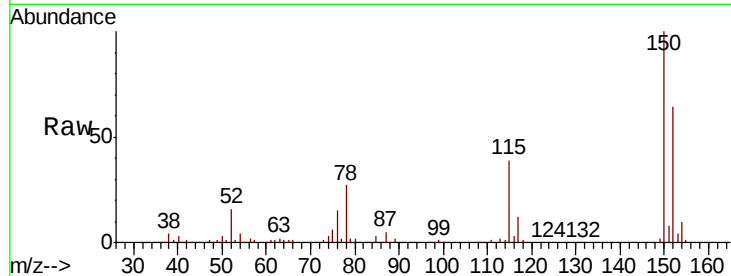


#1

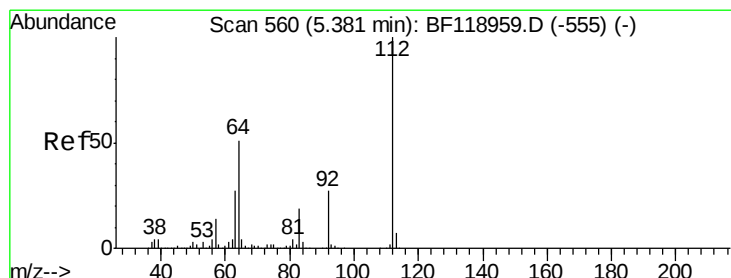
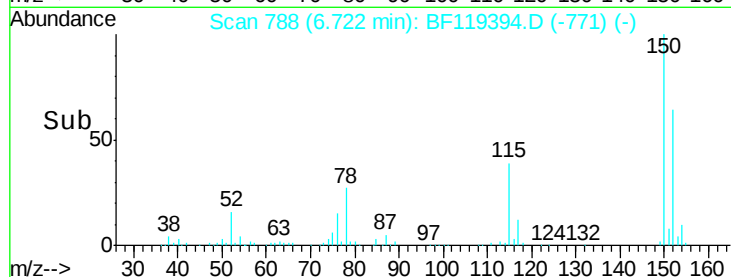
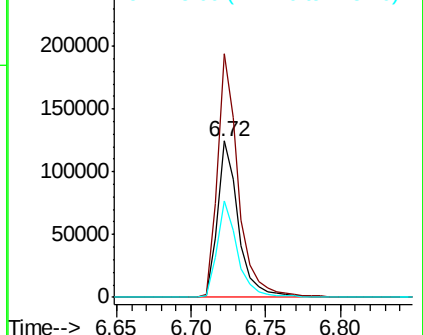
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.72 min Scan# 788  
 Delta R.T. 0.00 min  
 Lab File: BF119394.D  
 Acq: 12 Mar 2020 21:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1-S

Tot Ion:152 Resp: 122299  
 Ion Ratio Lower Upper  
 152 100  
 150 155.9 123.0 184.6  
 115 61.5 49.5 74.3



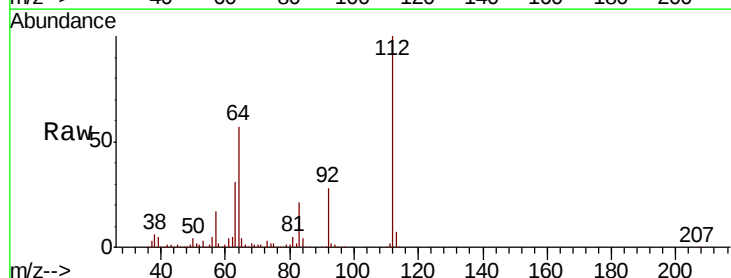
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



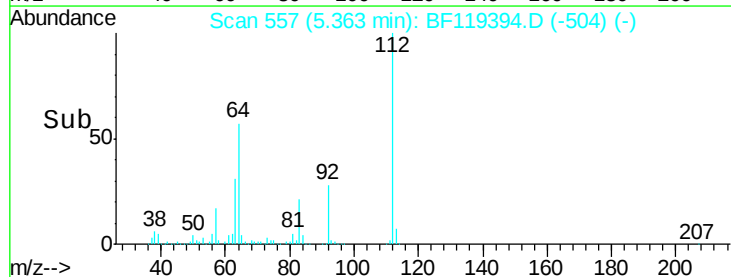
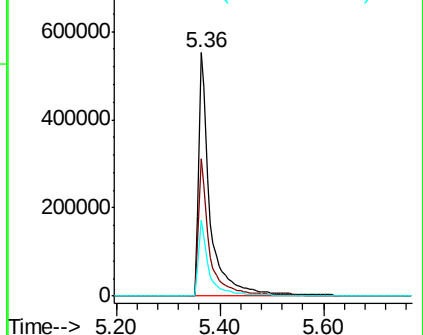
#5

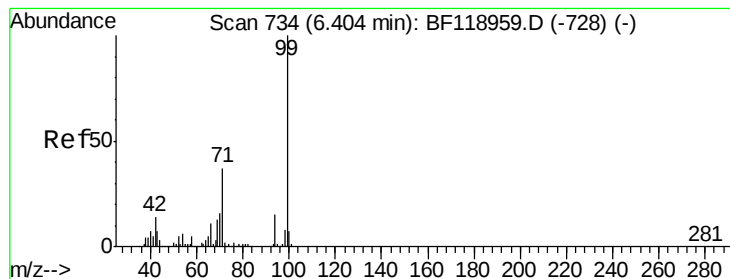
2-Fluorophenol  
 Concen: 114.805 ng  
 RT: 5.36 min Scan# 557  
 Delta R.T. 0.01 min  
 Lab File: BF119394.D  
 Acq: 12 Mar 2020 21:59

Tgt Ion:112 Resp: 840156  
 Ion Ratio Lower Upper  
 112 100  
 64 56.6 45.0 67.4  
 63 31.1 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: 101.005 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

Instrument :

BNA\_F

ClientSampleId :

TP-1-S

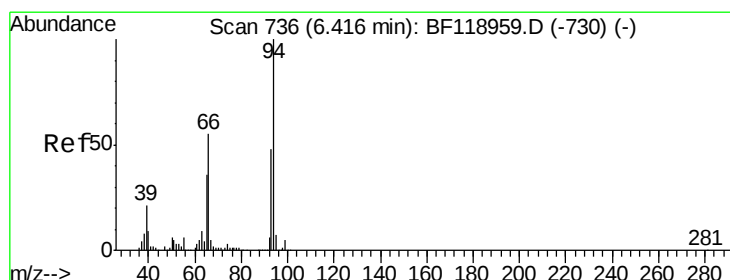
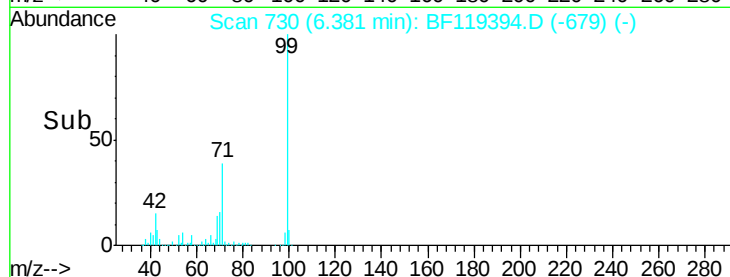
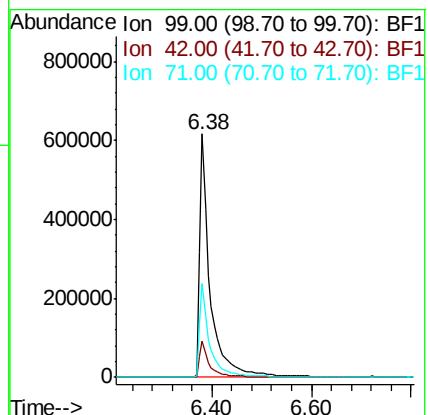
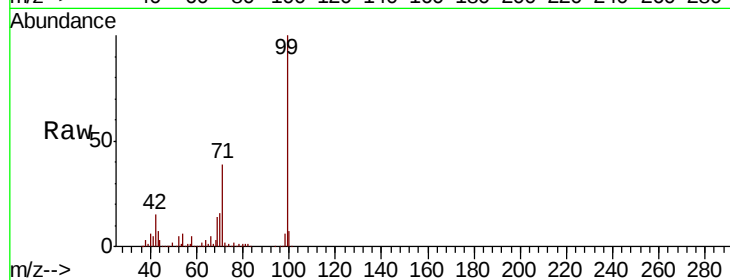
Tot Ion: 99 Resp: 898968

Ion Ratio Lower Upper

99 100

42 14.9 12.6 18.8

71 38.7 31.0 46.4



#10

Phenol

Concen: 2.389 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

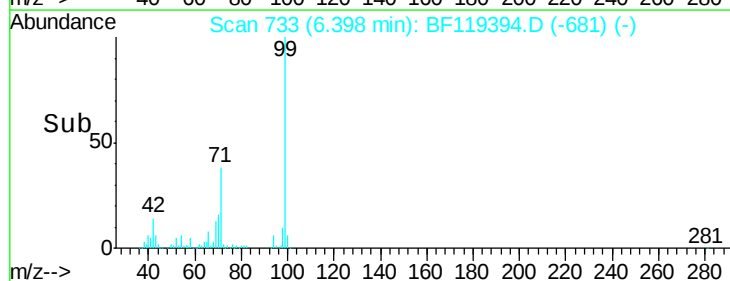
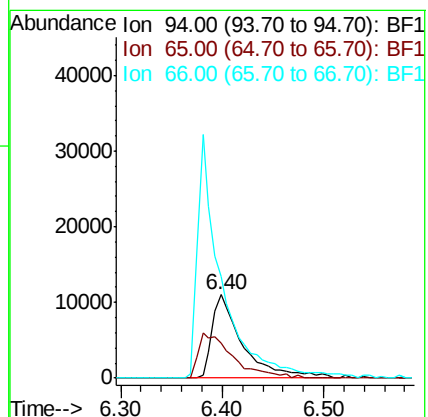
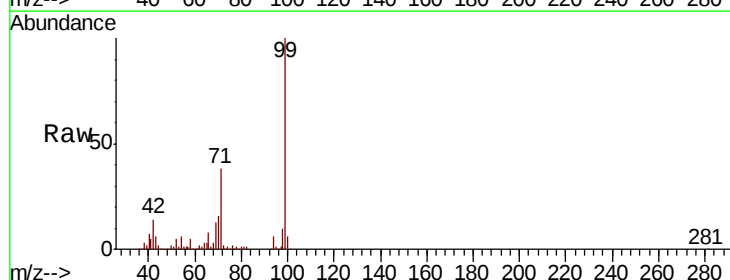
Tgt Ion: 94 Resp: 22991

Ion Ratio Lower Upper

94 100

65 42.4 19.2 59.2

66 121.9 44.4 84.4#

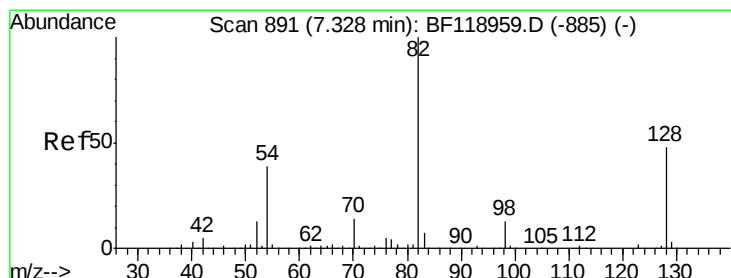
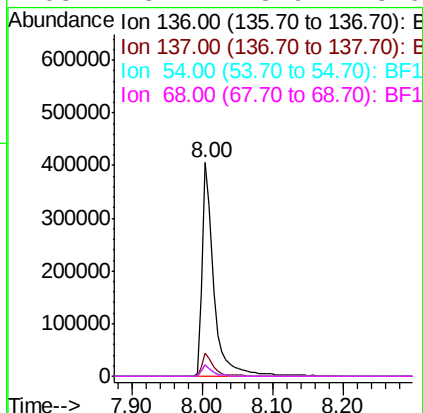
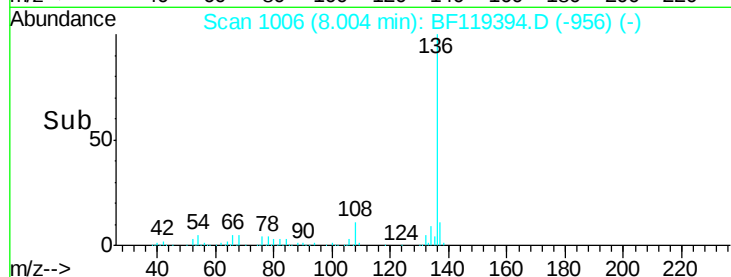
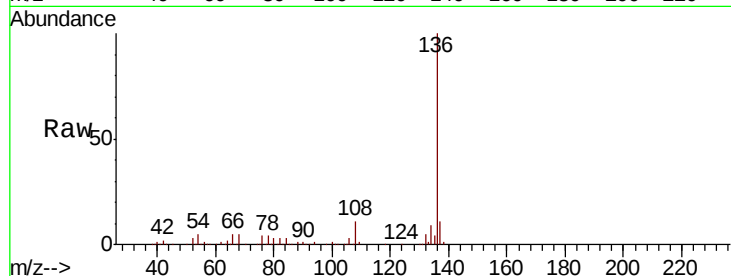




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BF119394.D  
Acq: 12 Mar 2020 21:59

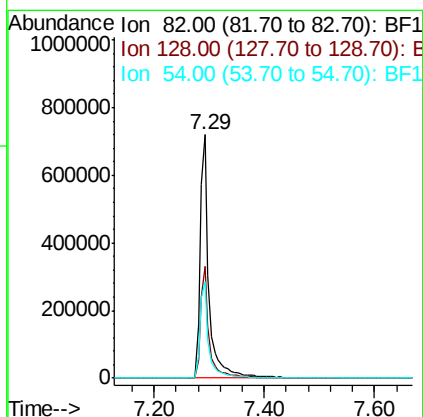
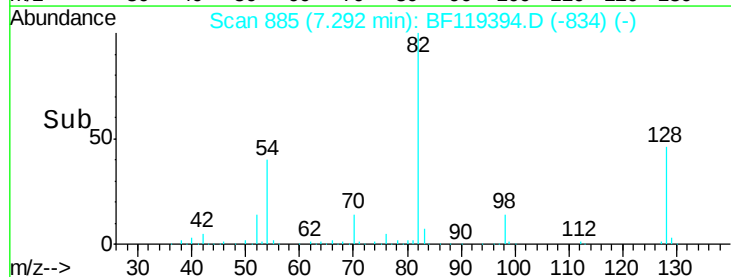
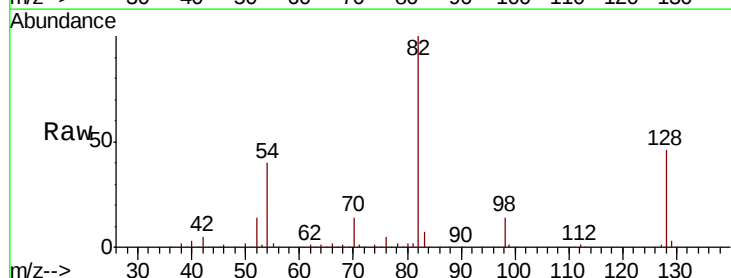
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1-S

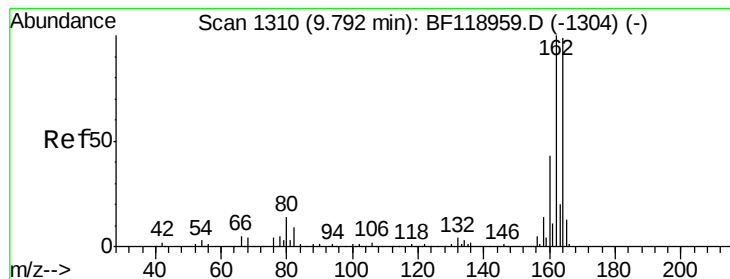
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 476036      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.0  | 8.8 13.2    |
| 54          | 5.2   | 3.8 5.6     |
| 68          | 5.4   | 3.9 5.9     |



#23  
Nitrobenzene-d5  
Concen: 88.940 ng  
RT: 7.29 min Scan# 885  
Delta R.T. 0.00 min  
Lab File: BF119394.D  
Acq: 12 Mar 2020 21:59

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 801872      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 45.9  | 37.9 56.9   |
| 54          | 39.9  | 33.4 50.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

Instrument :

BNA\_F

ClientSampleId :

TP-1-S

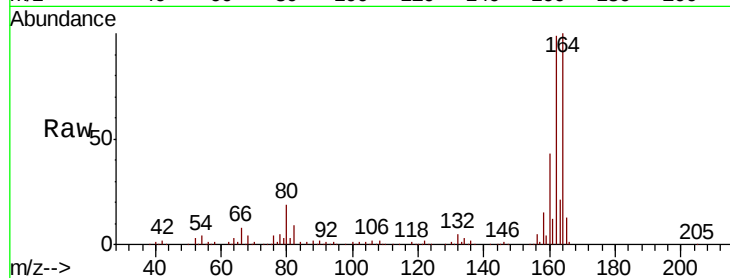
Tot Ion:164 Resp: 270072

Ion Ratio Lower Upper

164 100

162 99.4 81.8 122.8

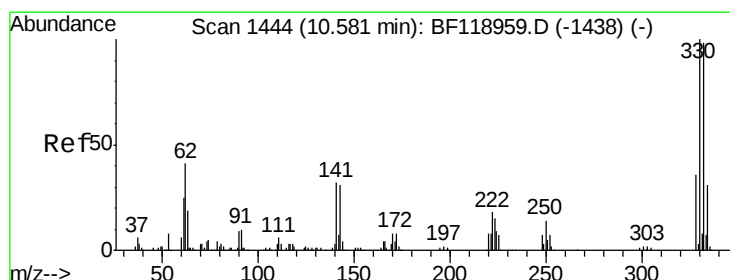
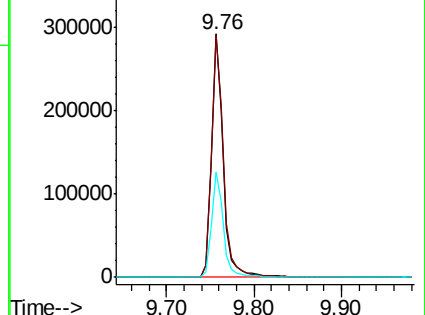
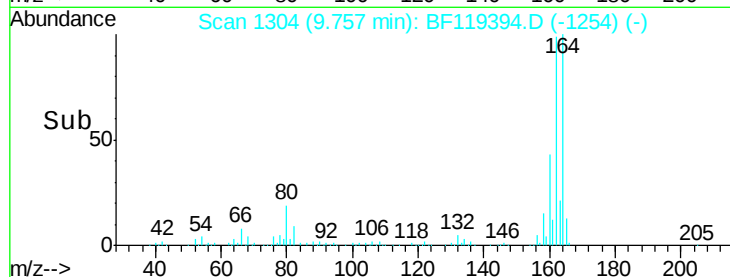
160 43.3 36.0 54.0



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: 128.898 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

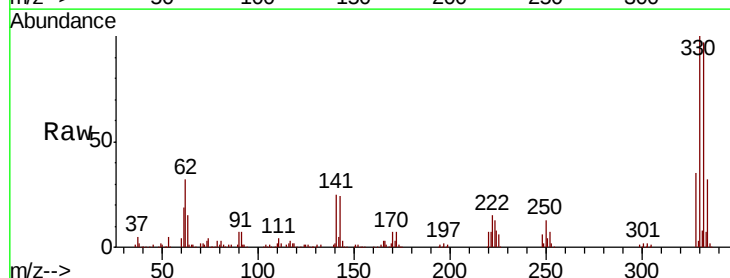
Tgt Ion:330 Resp: 455397

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

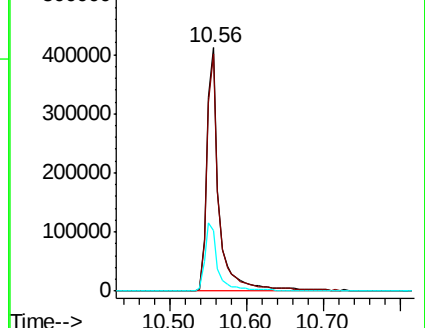
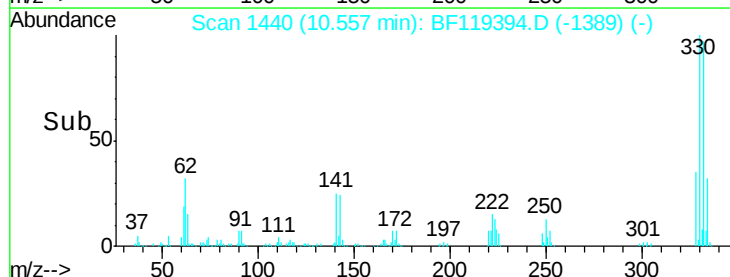
141 30.9 22.9 34.3

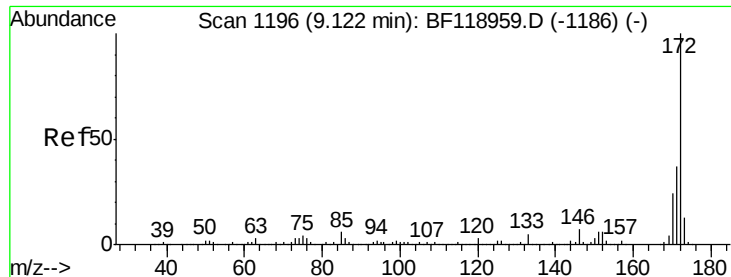


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

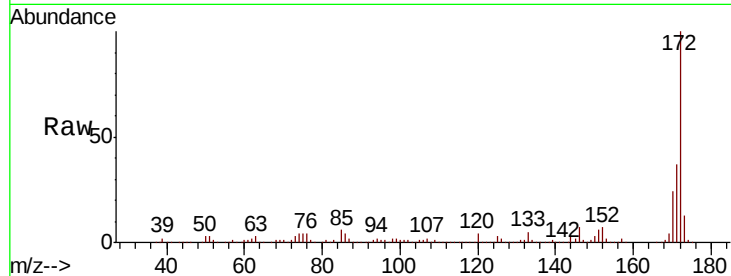




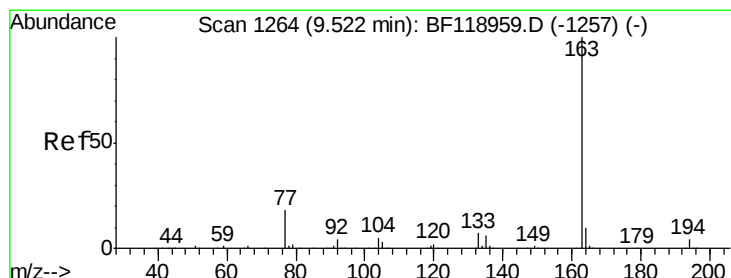
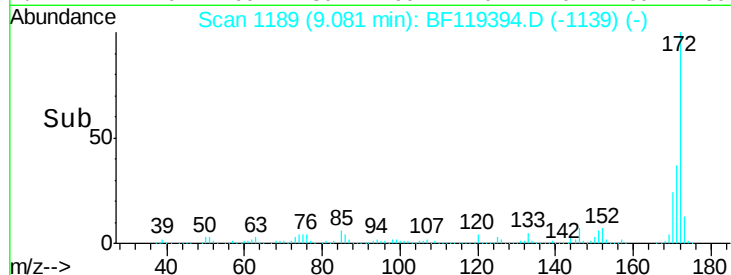
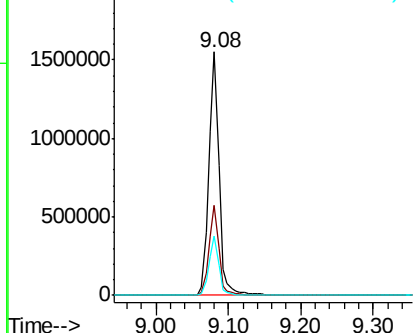
#45  
 2-Fluorobiphenyl  
 Concen: 83.163 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. -0.01 min  
 Lab File: BF119394.D  
 Acq: 12 Mar 2020 21:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1-S

Tot Ion:172 Resp: 1524600  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 30.6 45.8  
 170 24.3 20.2 30.2

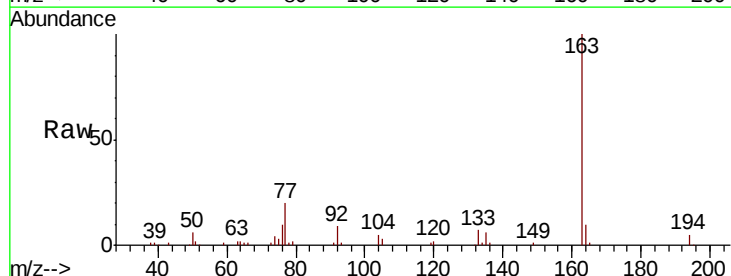


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

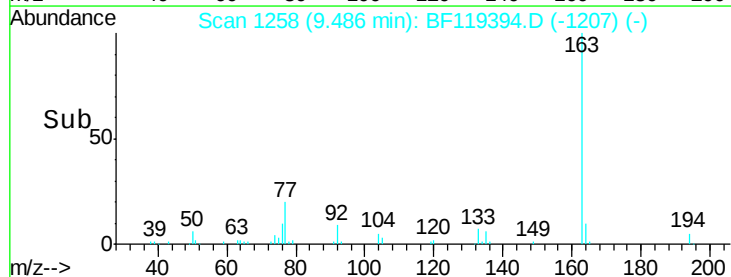
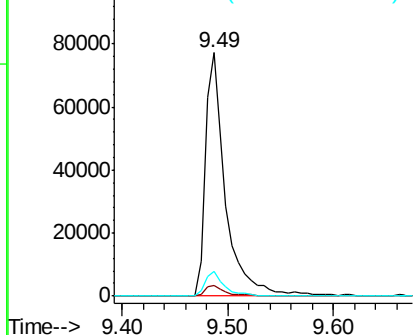


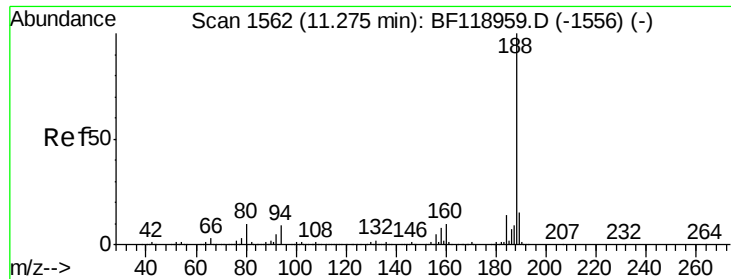
#50  
 Dimethylphthalate  
 Concen: 4.913 ng  
 RT: 9.49 min Scan# 1258  
 Delta R.T. 0.00 min  
 Lab File: BF119394.D  
 Acq: 12 Mar 2020 21:59

Tgt Ion:163 Resp: 101464  
 Ion Ratio Lower Upper  
 163 100  
 194 4.5 3.5 5.3  
 164 10.0 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

Instrument :

BNA\_F

ClientSampleId :

TP-1-S

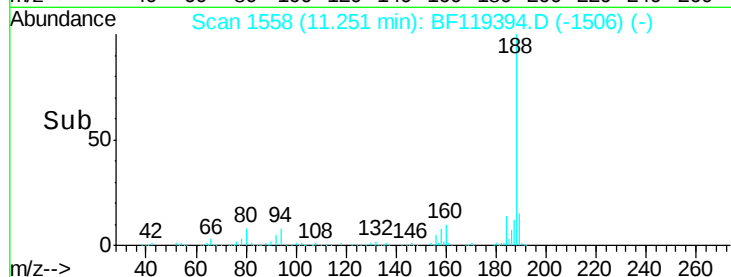
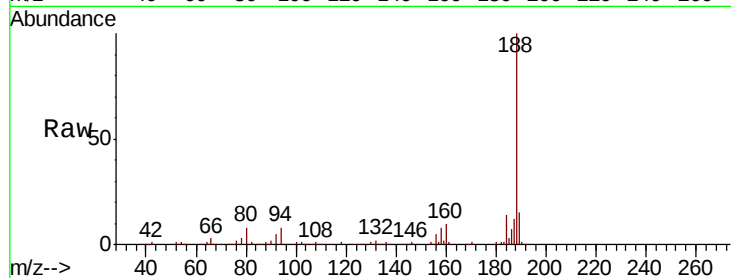
Tot Ion:188 Resp: 541731

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

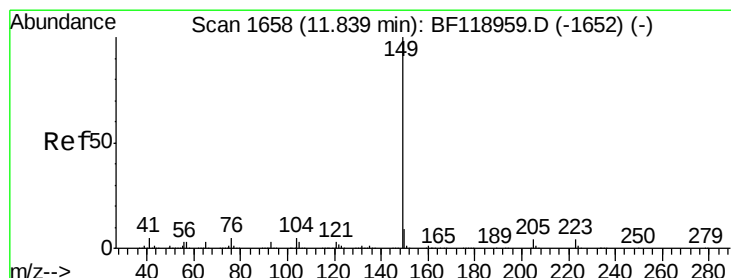
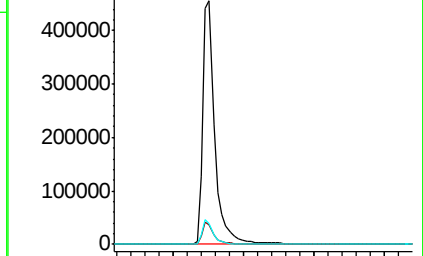
80 8.4 7.8 11.8



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



#74

Di-n-butylphthalate

Concen: 2.736 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

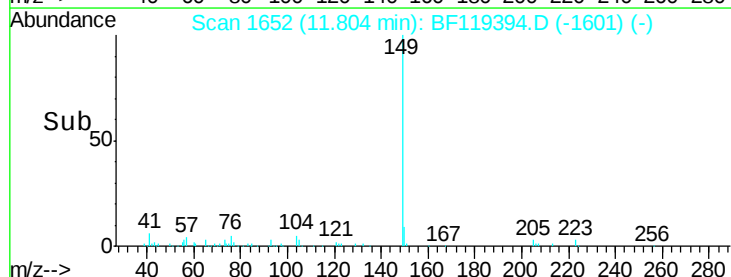
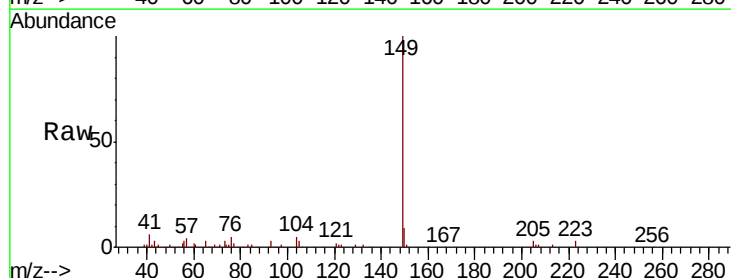
Tgt Ion:149 Resp: 87126

Ion Ratio Lower Upper

149 100

150 8.9 7.9 11.9

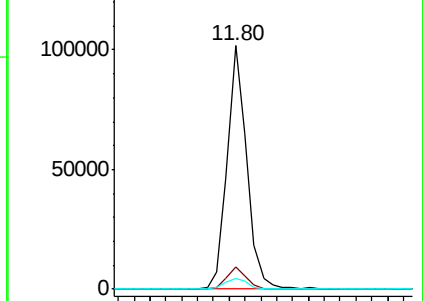
104 4.6 4.6 6.8

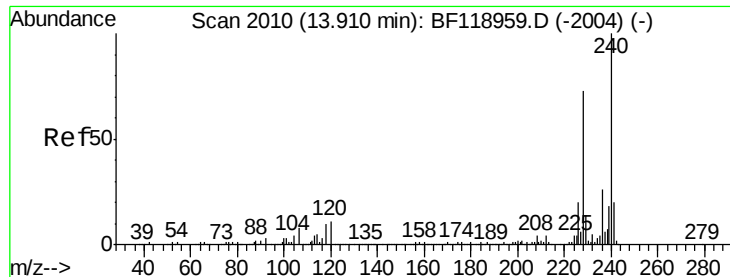


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

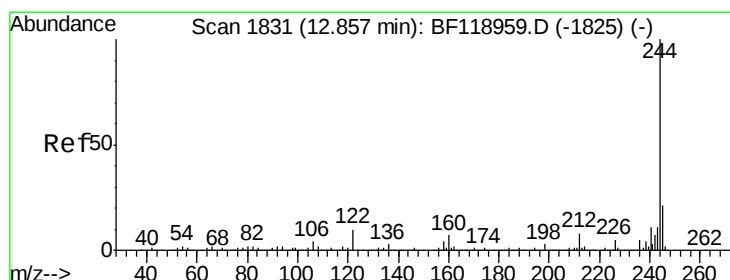
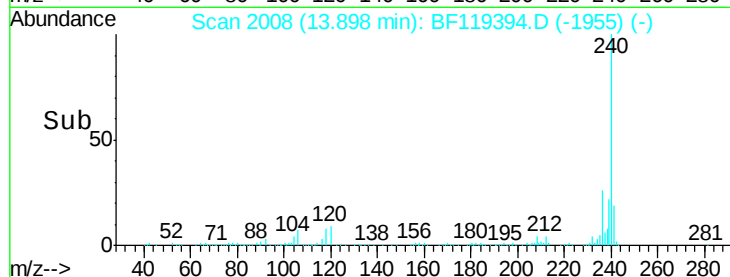
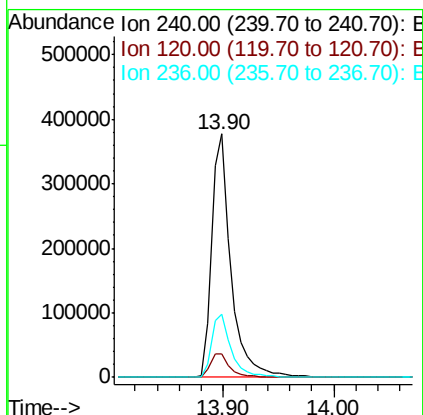
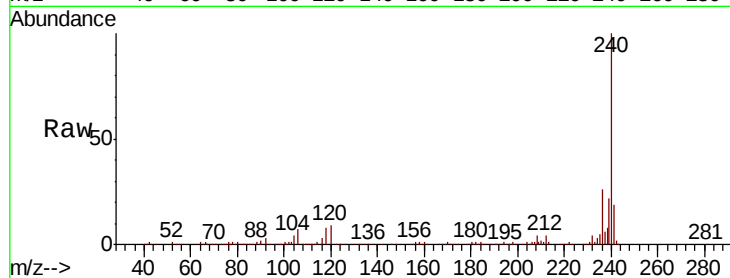




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.90 min Scan# 2008  
 Delta R.T. 0.01 min  
 Lab File: BF119394.D  
 Acq: 12 Mar 2020 21:59

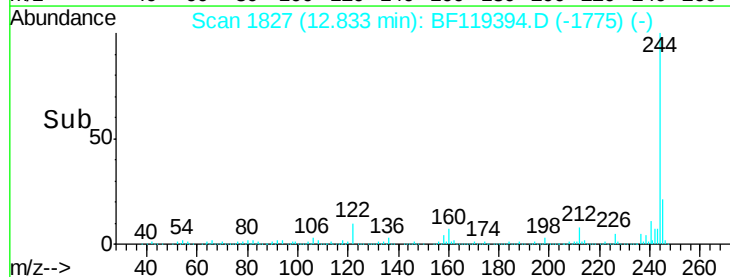
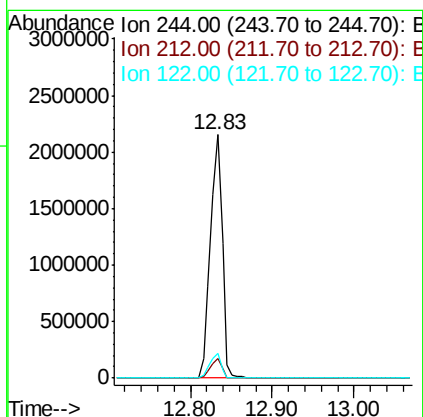
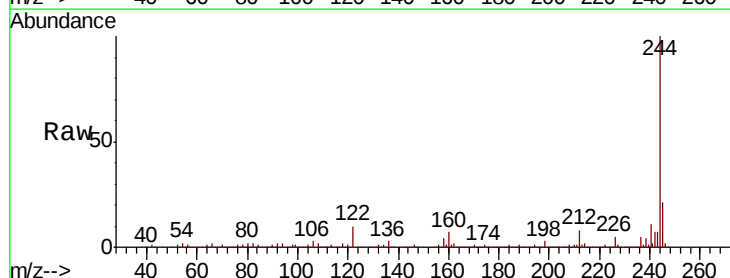
Instrument :  
 BNA\_F  
 ClientSampleID :  
 TP-1-S

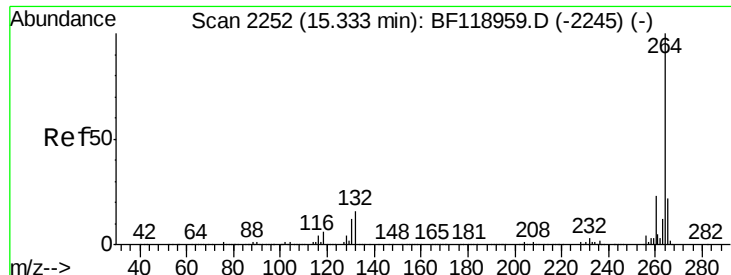
Tot Ion:240 Resp: 449222  
 Ion Ratio Lower Upper  
 240 100  
 120 9.4 8.4 12.6  
 236 25.9 21.0 31.4



#79  
 Terphenyl-d14  
 Concen: 83.323 ng  
 RT: 12.83 min Scan# 1827  
 Delta R.T. 0.01 min  
 Lab File: BF119394.D  
 Acq: 12 Mar 2020 21:59

Tgt Ion:244 Resp: 2174083  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.6 10.0  
 122 9.9 8.2 12.2

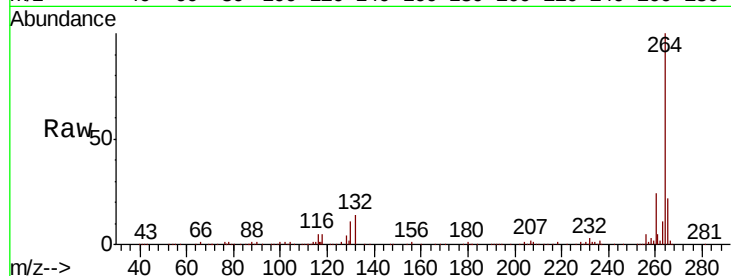




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.33 min Scan# 2252  
Delta R.T. 0.02 min  
Lab File: BF119394.D  
Acq: 12 Mar 2020 21:59

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1-S

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

