

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\  
 Data File : BF119588.D  
 Acq On : 28 Mar 2020 00:59  
 Operator : CG/JU  
 Sample : L2033-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZIPPER-DRAINS

Quant Time: Mar 28 06:20:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 27 07:52:09 2020  
 Response via : Initial Calibration

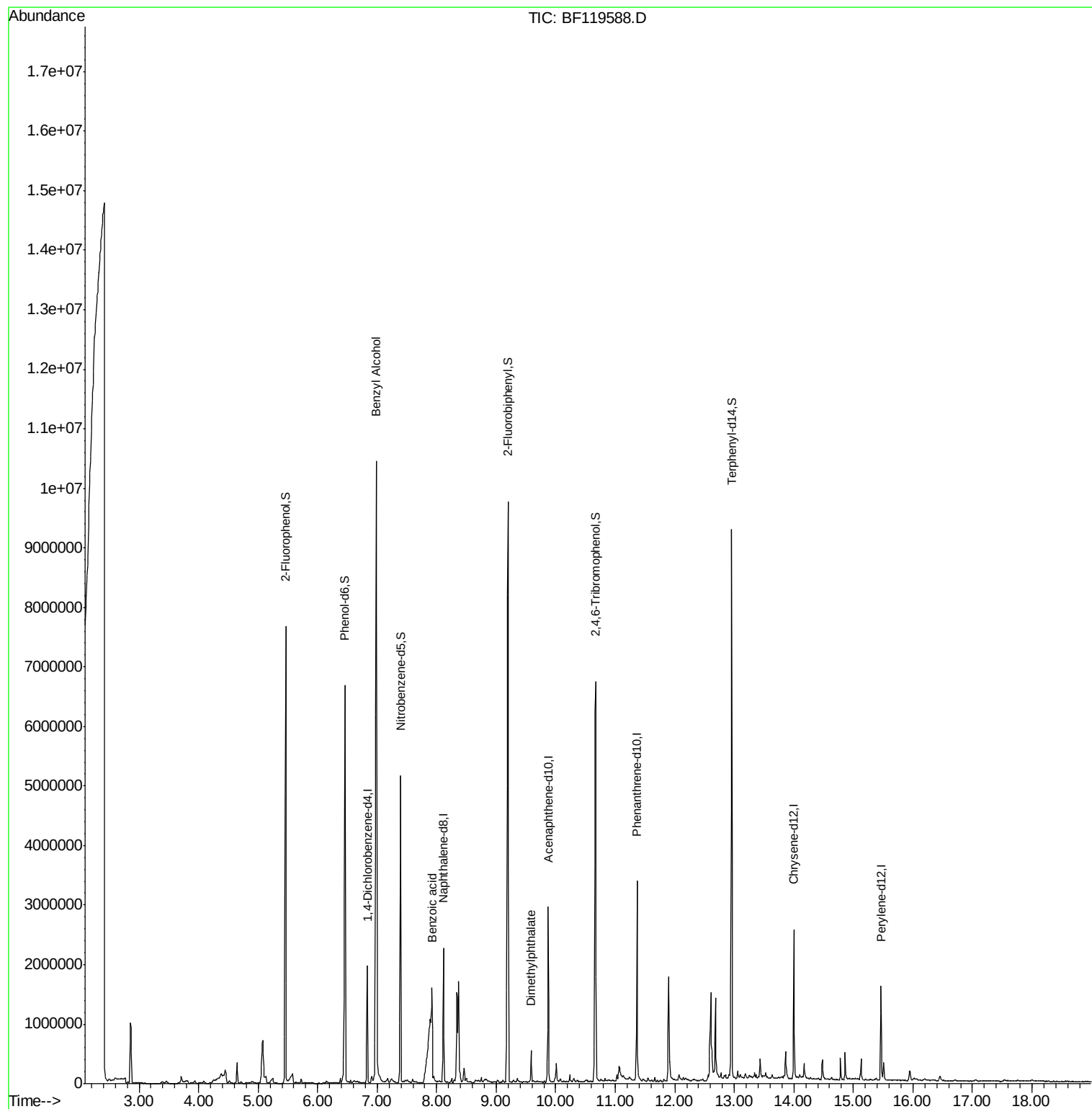
| Internal Standards          | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 307235   | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.12  | 136  | 1110932  | 20.00   | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.87  | 164  | 597863   | 20.00   | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.36 | 188  | 1138194  | 20.00   | ng    | 0.00     |
| 76) Chrysene-d12            | 14.00 | 240  | 844816   | 20.00   | ng    | -0.01    |
| 87) Perylene-d12            | 15.46 | 264  | 713044   | 20.00   | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 2360792  | 122.32  | ng    | 0.02     |
| 7) Phenol-d6                | 6.46  | 99   | 2701284  | 109.57  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 2042609  | 99.93   | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 966918   | 156.77  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 3719978  | 92.18   | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.96 | 244  | 3580211  | 83.03   | ng    | 0.00     |
| Target Compounds            |       |      |          |         |       |          |
| 15) Benzyl Alcohol          | 6.98  | 79   | 1771944  | 95.546  | ng    | 98       |
| 32) Benzoic acid            | 7.92  | 122  | 1145940  | 100.165 | ng    | 95       |
| 50) Dimethylphthalate       | 9.59  | 163  | 201558   | 4.746   | ng    | 99       |

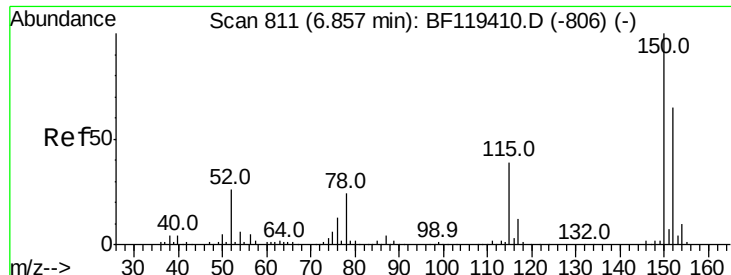
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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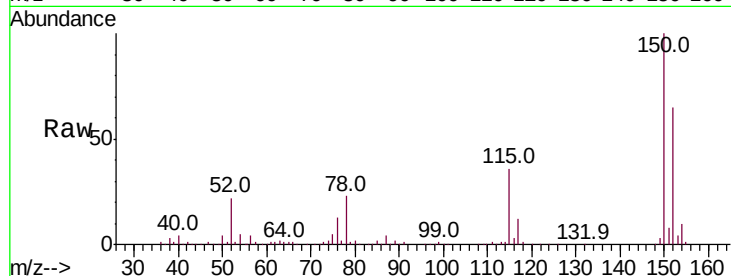


#1

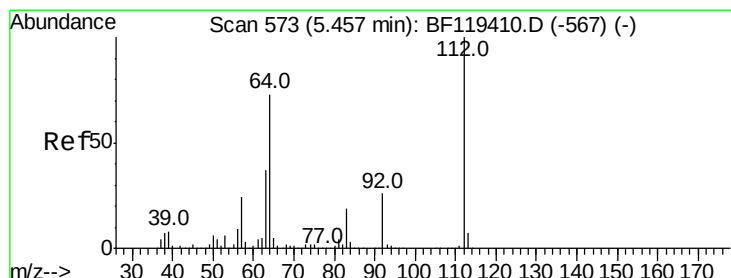
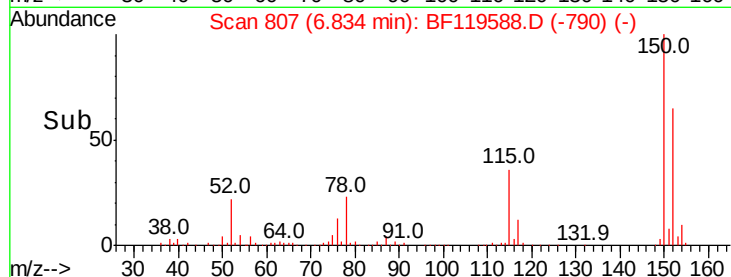
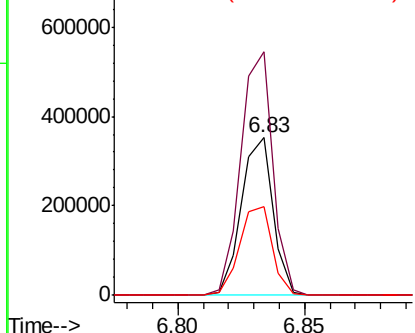
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 807  
Delta R.T. 0.00 min  
Lab File: BF119588.D  
Acq: 28 Mar 2020 00:59

Instrument :  
BNA\_F  
ClientSampleId :  
ZIPPER-DRAINS

Tot Ion:152 Resp: 307235  
Ion Ratio Lower Upper  
152 100  
150 154.8 124.5 186.7  
115 56.1 49.6 74.4



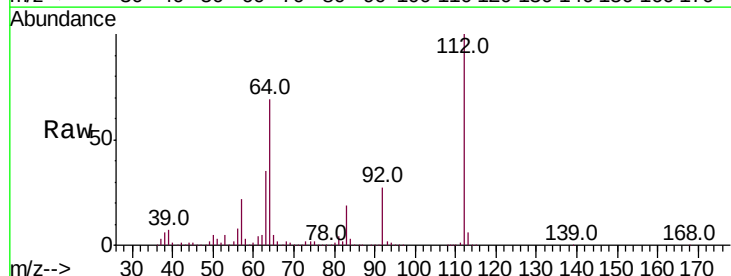
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



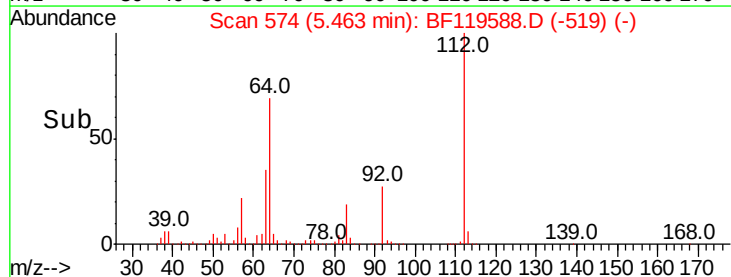
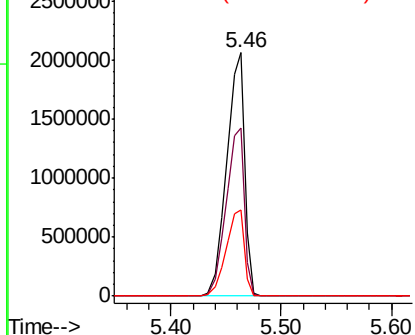
#5

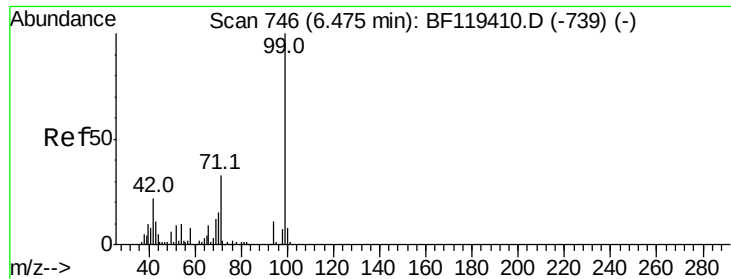
2-Fluorophenol  
Concen: 122.322 ng  
RT: 5.46 min Scan# 574  
Delta R.T. 0.02 min  
Lab File: BF119588.D  
Acq: 28 Mar 2020 00:59

Tgt Ion:112 Resp: 2360792  
Ion Ratio Lower Upper  
112 100  
64 68.9 56.7 85.1  
63 35.2 29.5 44.3



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: 109.567 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

Instrument :

BNA\_F

ClientSampleId :

ZIPPER-DRAINS

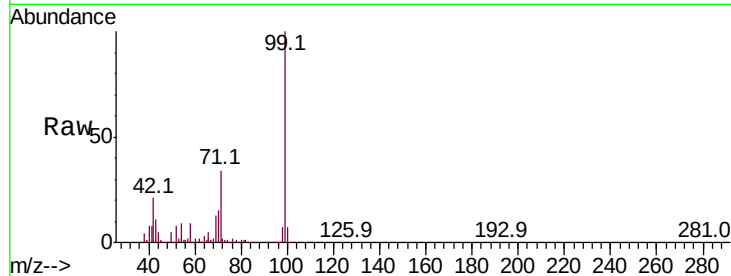
Tot Ion: 99 Resp: 2701284

Ion Ratio Lower Upper

99 100

42 21.0 16.6 24.8

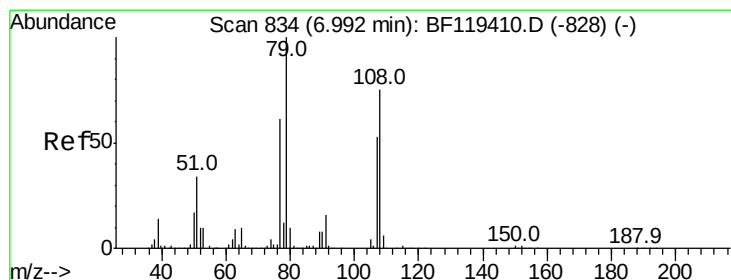
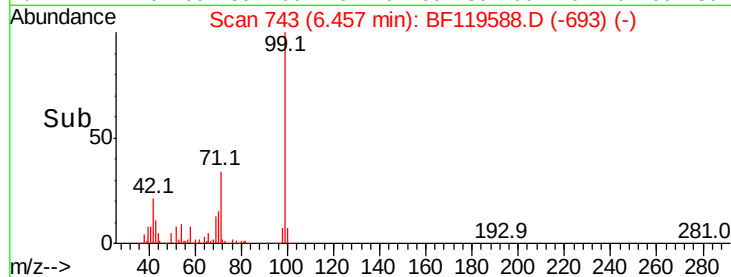
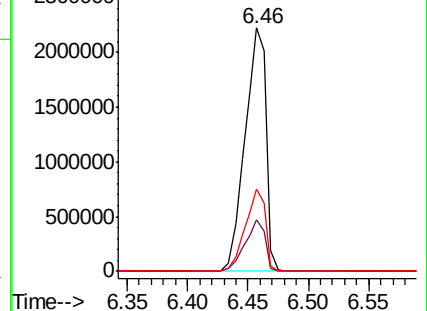
71 33.6 26.4 39.6



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



#15

Benzyl Alcohol

Concen: 95.546 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

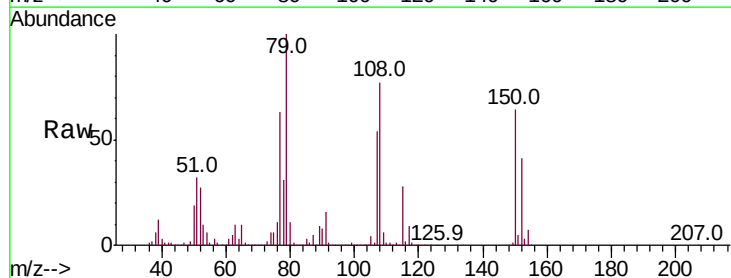
Tgt Ion: 79 Resp: 1771944

Ion Ratio Lower Upper

79 100

108 77.4 60.6 90.8

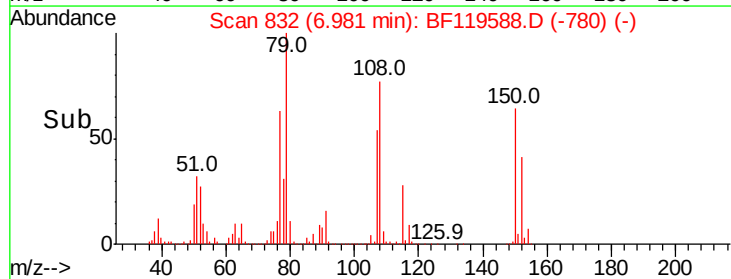
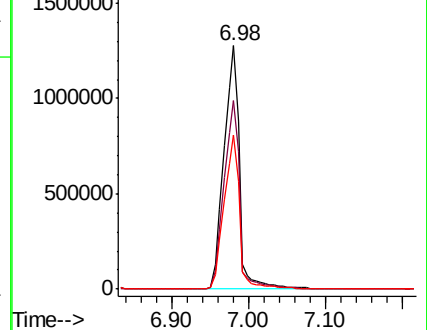
77 63.5 50.2 75.2

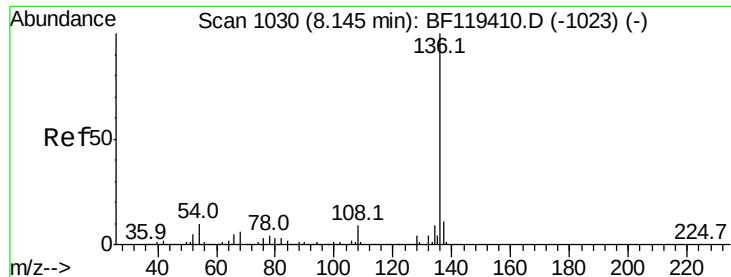


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



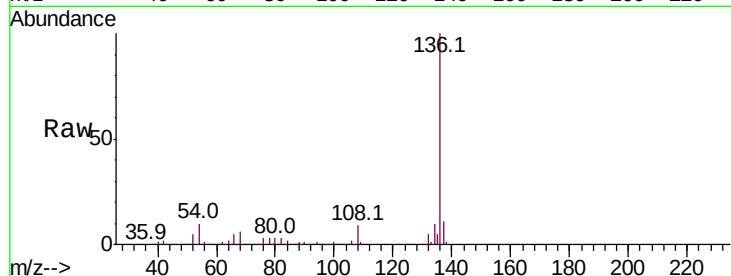


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BF119588.D  
Acq: 28 Mar 2020 00:59

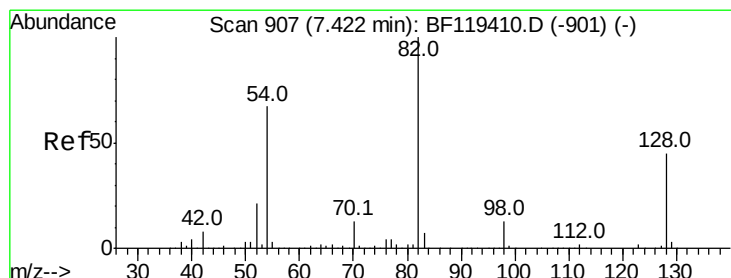
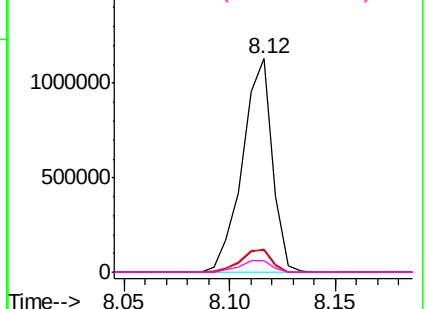
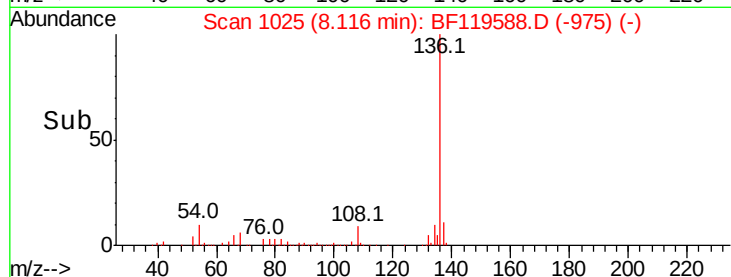
Instrument :  
BNA\_F  
ClientSampleId :  
ZIPPER-DRAINS

Tot Ion:136 Resp: 1110932

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.7   | 13.1  |
| 54  | 10.1  | 9.1   | 13.7  |
| 68  | 5.6   | 4.6   | 6.8   |



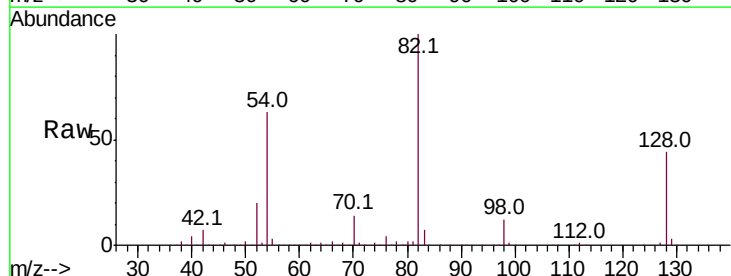
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1



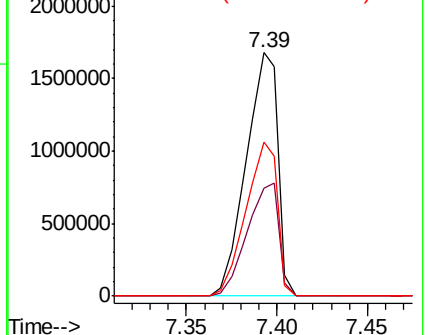
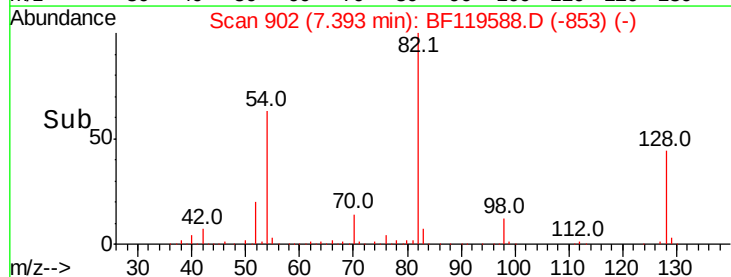
#23  
Nitrobenzene-d5  
Concen: 99.926 ng  
RT: 7.39 min Scan# 902  
Delta R.T. -0.01 min  
Lab File: BF119588.D  
Acq: 28 Mar 2020 00:59

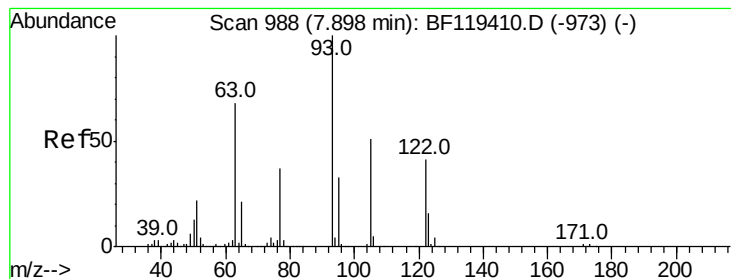
Tgt Ion: 82 Resp: 2042609

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.2  | 36.3  | 54.5  |
| 54  | 63.3  | 50.6  | 75.8  |



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





#32

Benzoic acid

Concen: 100.165 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.02 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

Instrument :

BNA\_F

ClientSampleId :

ZIPPER-DRAINS

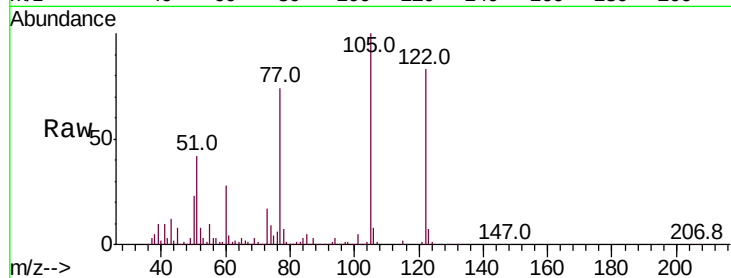
Tot Ion:122 Resp: 1145940

Ion Ratio Lower Upper

122 100

105 119.9 104.9 144.9

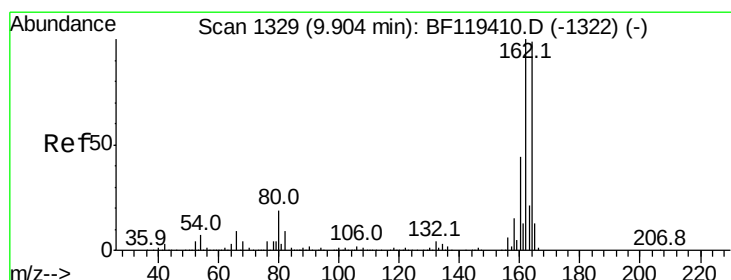
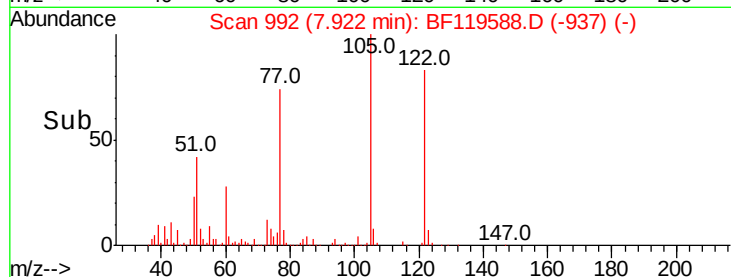
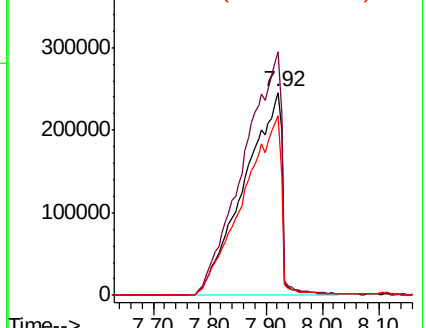
77 88.5 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

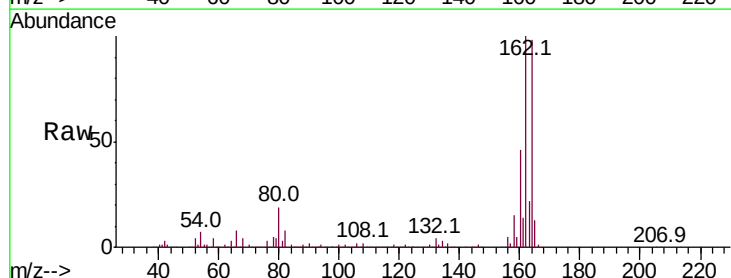
Tgt Ion:164 Resp: 597863

Ion Ratio Lower Upper

164 100

162 102.2 80.6 121.0

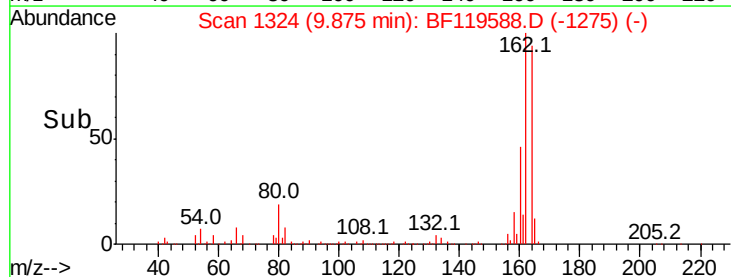
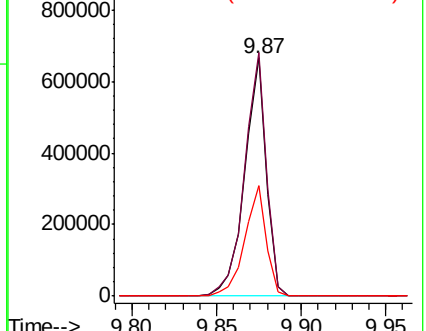
160 46.5 35.7 53.5

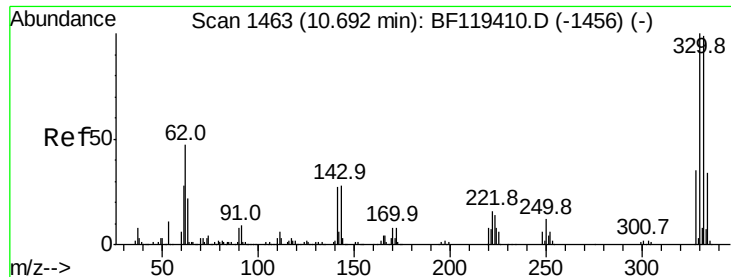


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

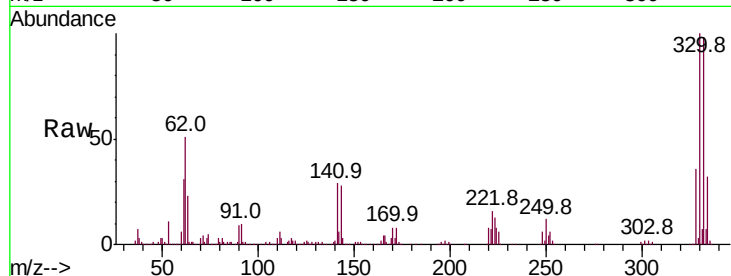




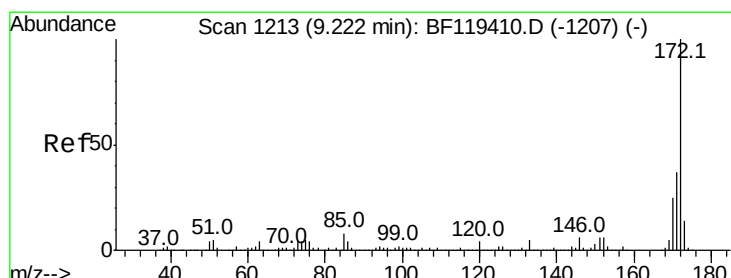
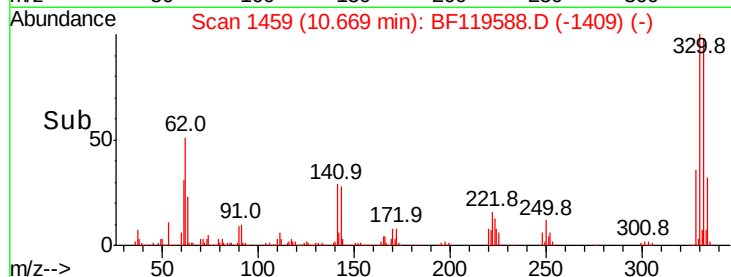
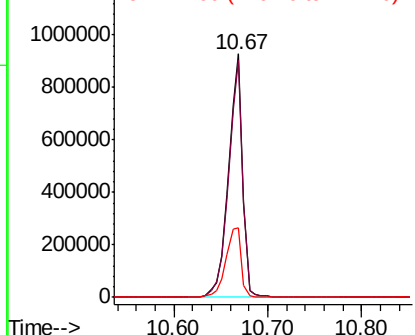
#42  
 2,4,6-Tribromophenol  
 Concen: 156.765 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. -0.01 min  
 Lab File: BF119588.D  
 Acq: 28 Mar 2020 00:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZIPPER-DRAINS

Tot Ion:330 Resp: 966918  
 Ion Ratio Lower Upper  
 330 100  
 332 97.3 75.7 113.5  
 141 31.5 25.4 38.0

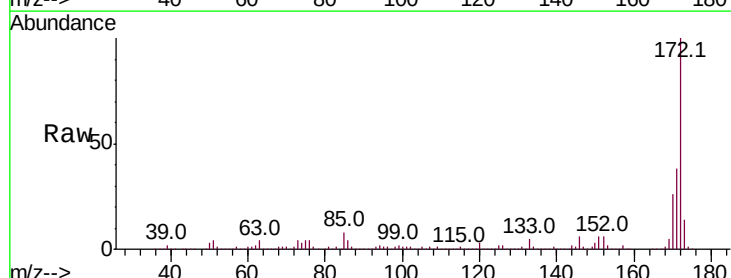


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

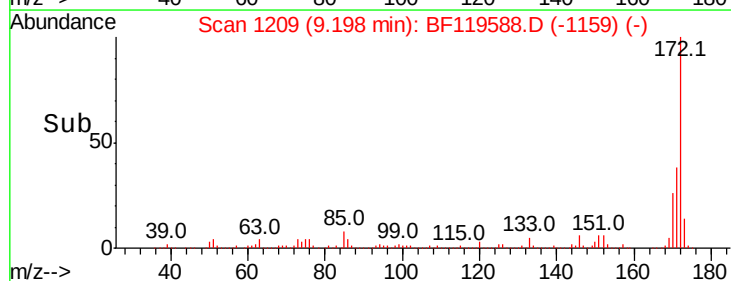
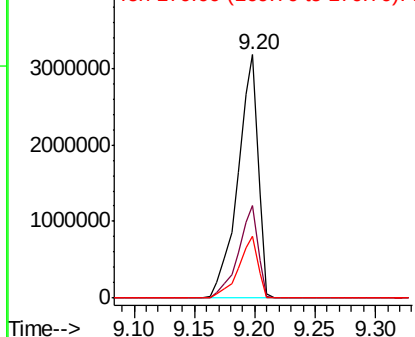


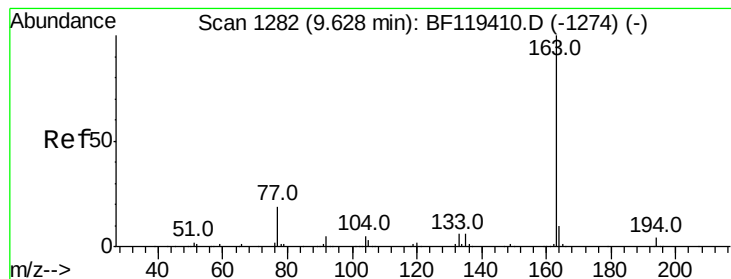
#45  
 2-Fluorobiphenyl  
 Concen: 92.179 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.01 min  
 Lab File: BF119588.D  
 Acq: 28 Mar 2020 00:59

Tgt Ion:172 Resp: 3719978  
 Ion Ratio Lower Upper  
 172 100  
 171 37.9 29.6 44.4  
 170 25.6 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: 4.746 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

Instrument :

BNA\_F

ClientSampleId :

ZIPPER-DRAINS

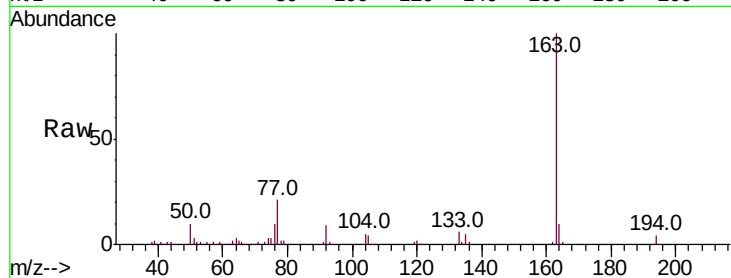
Tot Ion:163 Resp: 201558

Ion Ratio Lower Upper

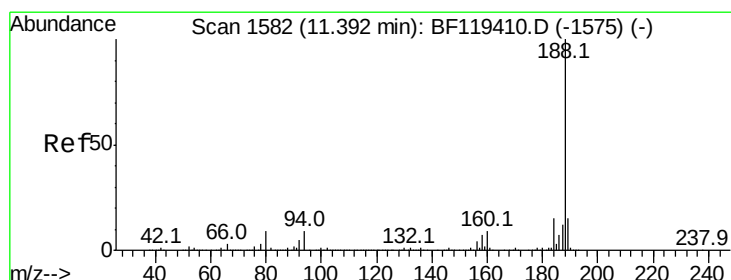
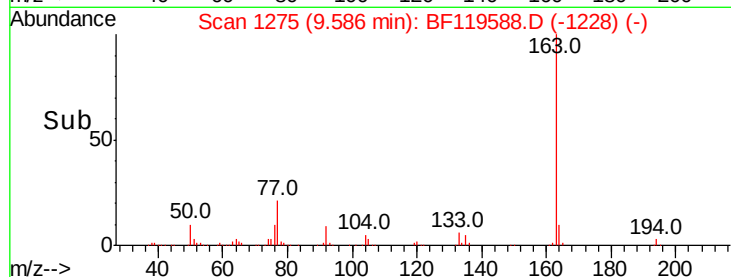
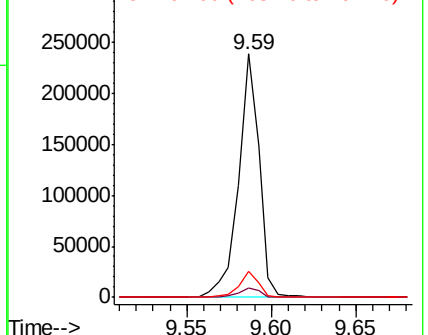
163 100

194 3.7 3.1 4.7

164 10.5 8.2 12.2



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

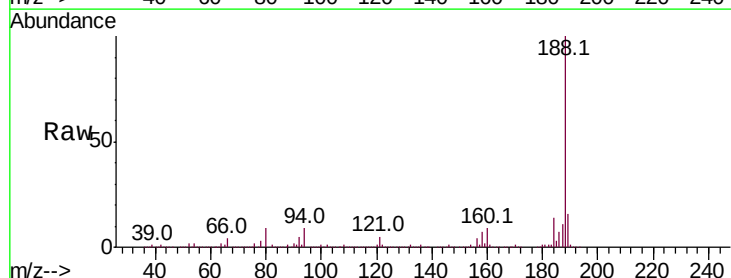
Tgt Ion:188 Resp: 1138194

Ion Ratio Lower Upper

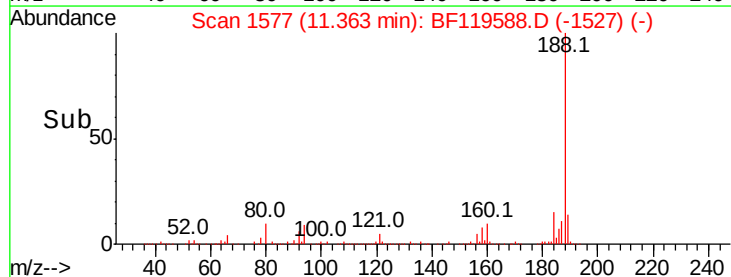
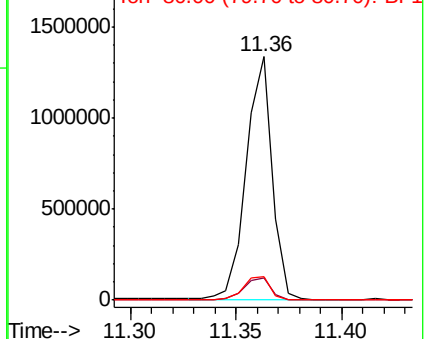
188 100

94 9.1 7.5 11.3

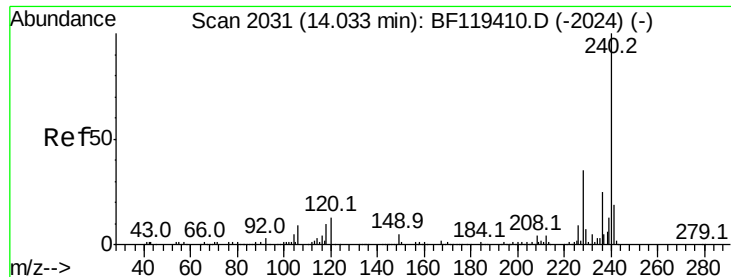
80 9.4 9.0 13.4



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

Instrument :

BNA\_F

ClientSampleId :

ZIPPER-DRAINS

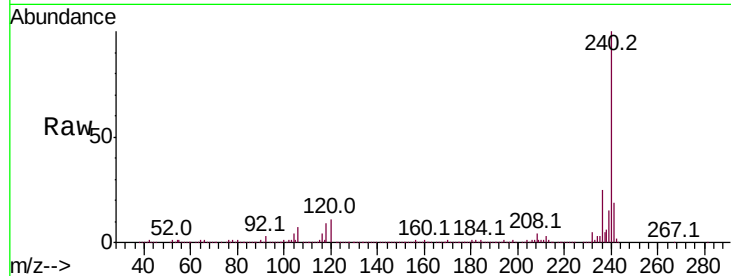
Tot Ion:240 Resp: 844816

Ion Ratio Lower Upper

240 100

120 10.6 10.6 15.8

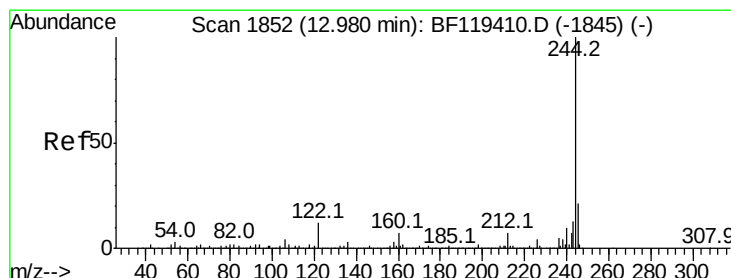
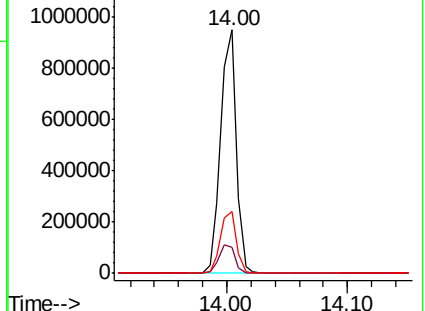
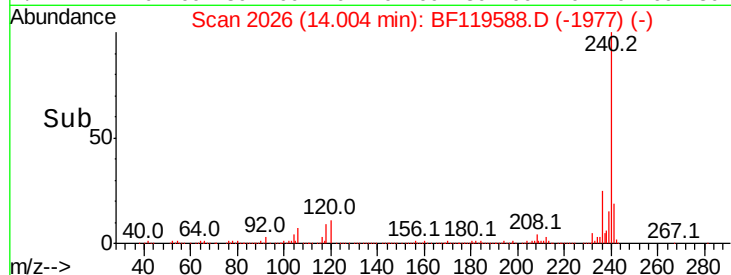
236 25.5 20.2 30.2



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: 83.029 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

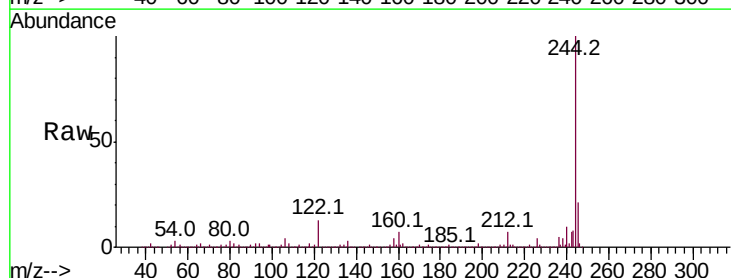
Tgt Ion:244 Resp: 3580211

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

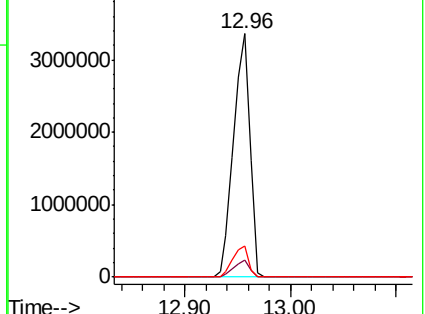
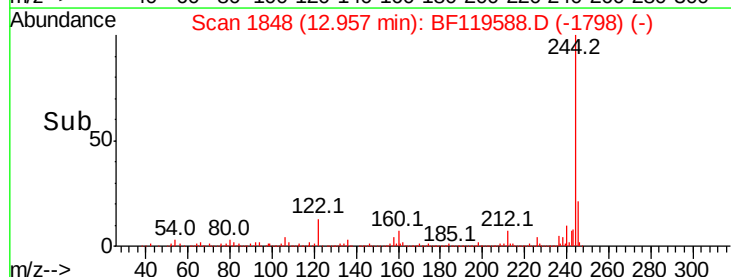
122 12.8 10.3 15.5

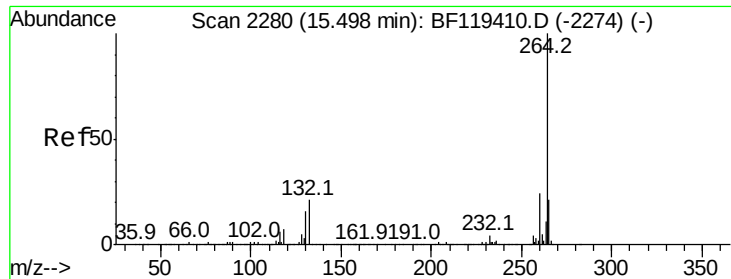


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2274  
Delta R.T. -0.02 min  
Lab File: BF119588.D  
Acq: 28 Mar 2020 00:59

Instrument :  
BNA\_F  
ClientSampleId :  
ZIPPER-DRAINS

Tot Ion:264 Resp: 713044  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 18.7  | 28.1  |
| 265 | 21.6  | 17.7  | 26.5  |

