

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\  
 Data File : BF119419.D  
 Acq On : 18 Mar 2020 17:04  
 Operator : CG/JU  
 Sample : L1917-10  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-J

Quant Time: Mar 19 04:36:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 15:11:18 2020  
 Response via : Initial Calibration

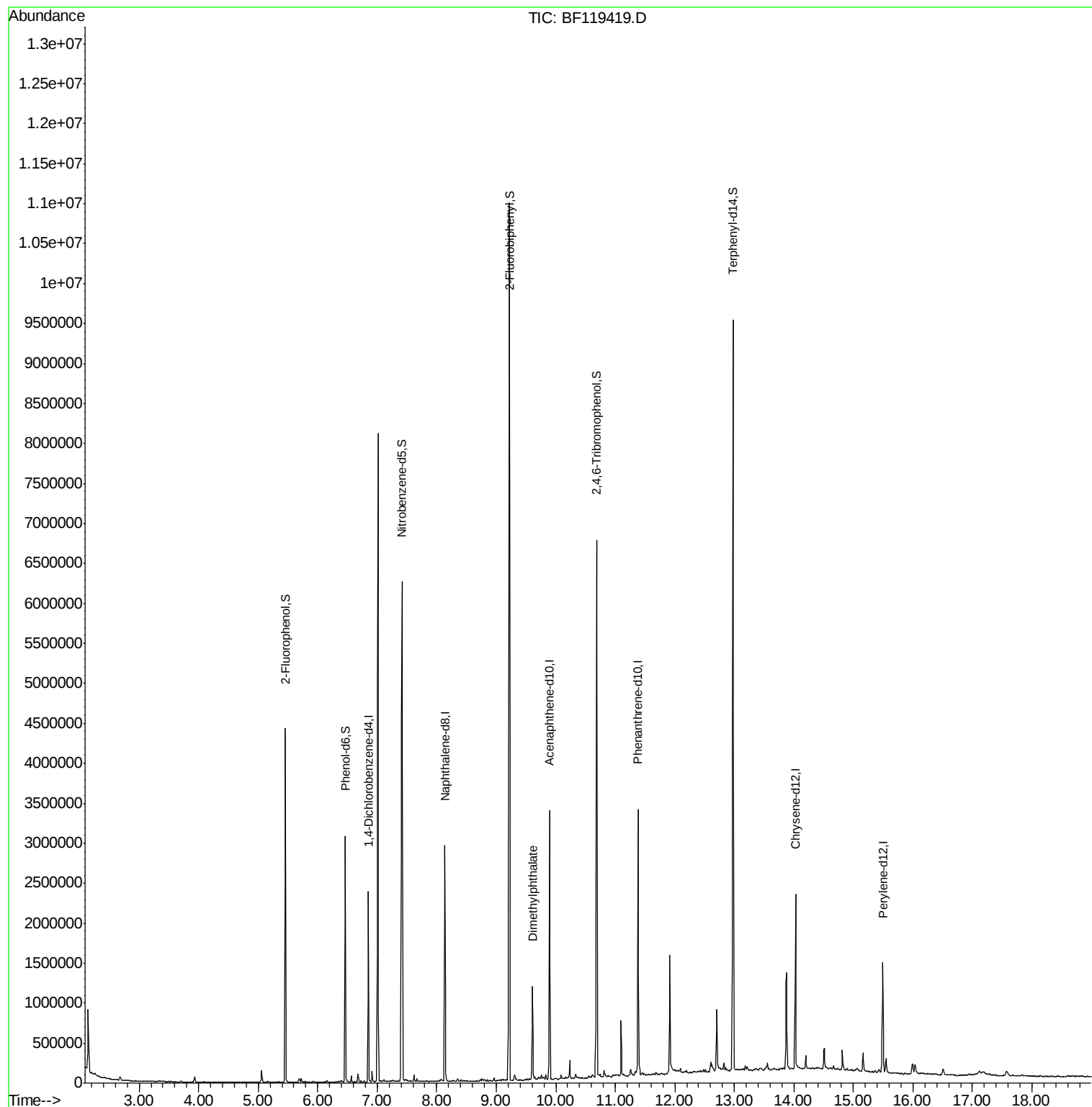
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 328142   | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 8.14  | 136  | 1251201  | 20.00  | ng    | 0.00          |
| 39) Acenaphthene-d10        | 9.90  | 164  | 627735   | 20.00  | ng    | 0.00          |
| 64) Phenanthrene-d10        | 11.39 | 188  | 1165268  | 20.00  | ng    | 0.00          |
| 76) Chrysene-d12            | 14.03 | 240  | 765821   | 20.00  | ng    | 0.00          |
| 87) Perylene-d12            | 15.49 | 264  | 626992   | 20.00  | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.46  | 112  | 1169736  | 56.75  | ng    | 0.00          |
| 7) Phenol-d6                | 6.46  | 99   | 892505   | 33.89  | ng    | -0.01         |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 2128747  | 92.47  | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330  | 873201   | 134.83 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 3623766  | 85.52  | ng    | 0.00          |
| 79) Terphenyl-d14           | 12.98 | 244  | 3639340  | 93.11  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 50) Dimethylphthalate       | 9.61  | 163  | 405577   | 9.096  | ng    | Qvalue<br>100 |

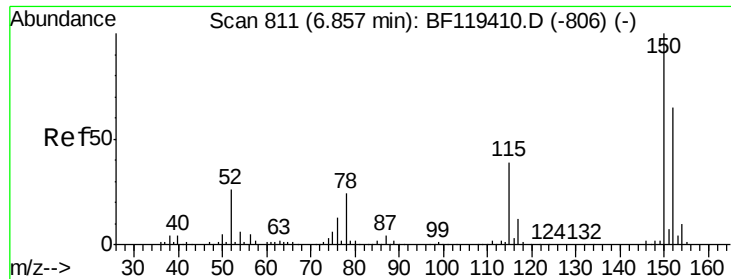
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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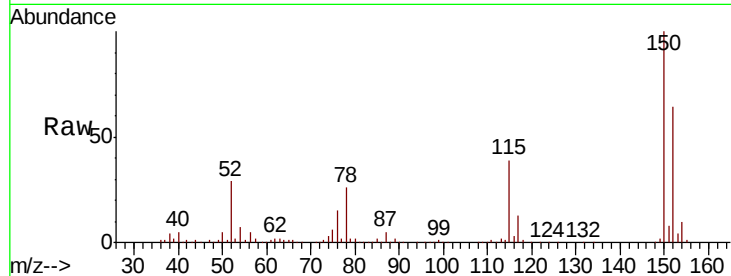


#1

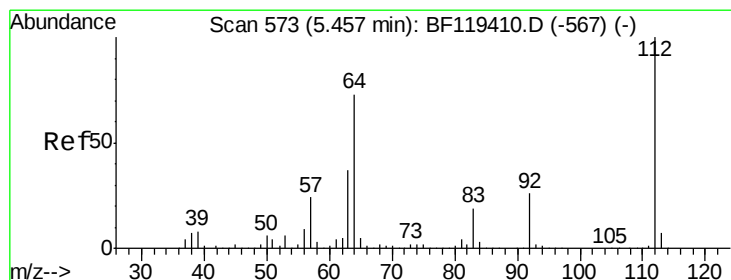
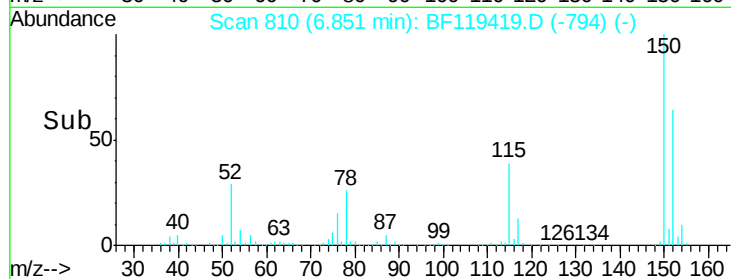
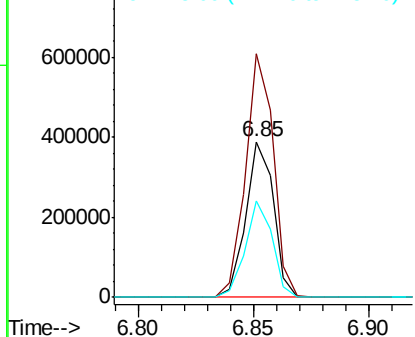
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. -0.01 min  
Lab File: BF119419.D  
Acq: 18 Mar 2020 17:04

Instrument :  
BNA\_F  
ClientSampleId :  
MH-J

Tot Ion:152 Resp: 328142  
Ion Ratio Lower Upper  
152 100  
150 156.3 123.9 185.9  
115 61.7 47.8 71.6



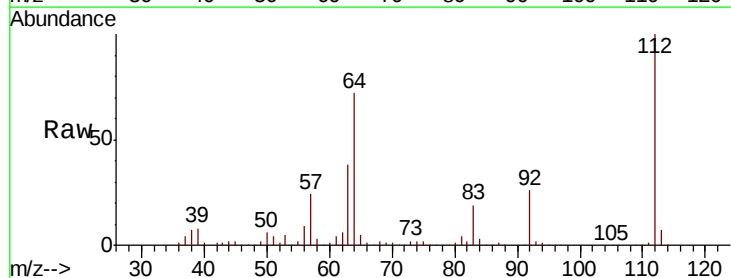
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



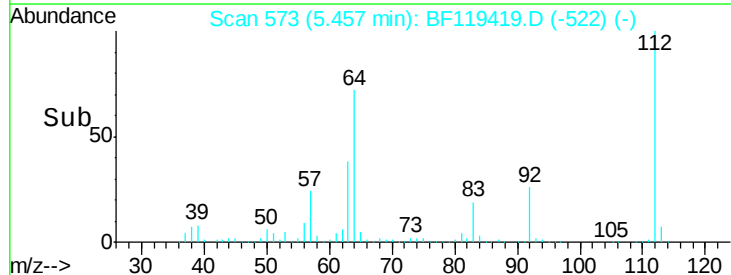
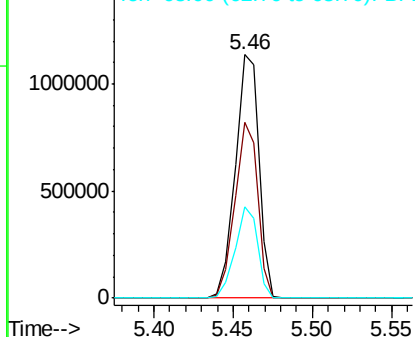
#5

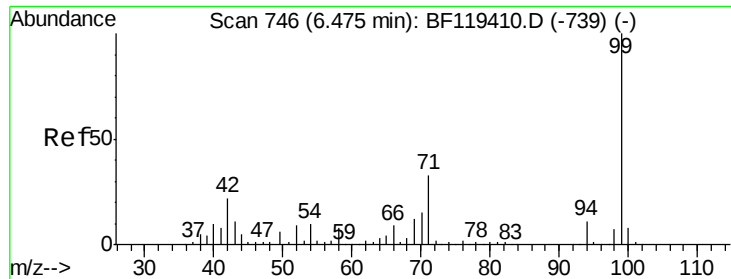
2-Fluorophenol  
Concen: 56.747 ng  
RT: 5.46 min Scan# 573  
Delta R.T. 0.00 min  
Lab File: BF119419.D  
Acq: 18 Mar 2020 17:04

Tgt Ion:112 Resp: 1169736  
Ion Ratio Lower Upper  
112 100  
64 72.3 58.1 87.1  
63 37.5 29.7 44.5



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: 33.894 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF119419.D

Acq: 18 Mar 2020 17:04

Instrument :

BNA\_F

ClientSampled :

MH-J

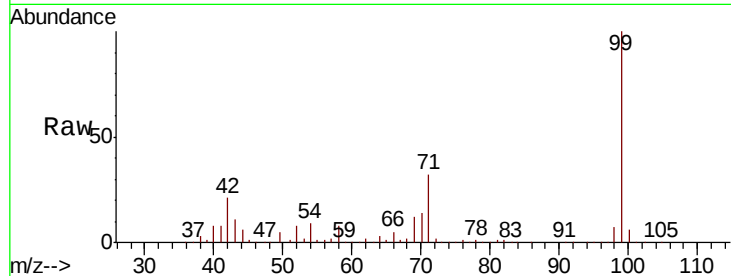
Tot Ion: 99 Resp: 892505

Ion Ratio Lower Upper

99 100

42 21.4 17.8 26.6

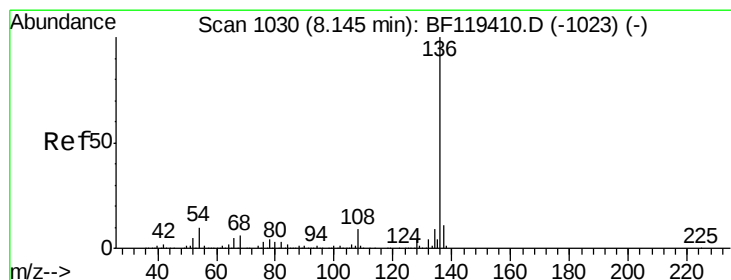
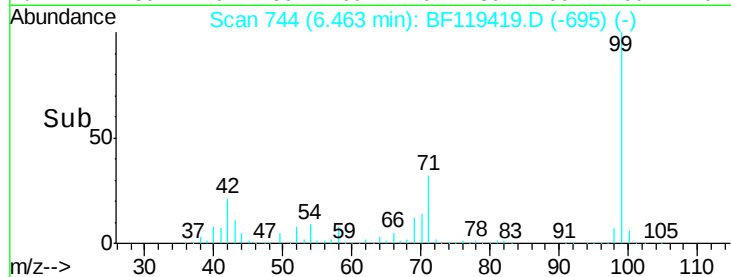
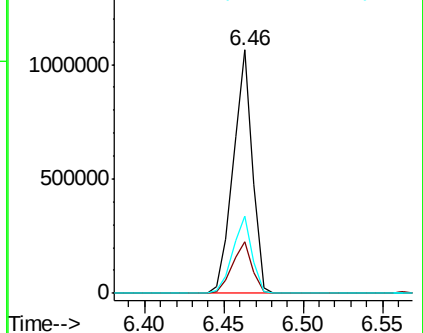
71 31.8 26.0 39.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119419.D

Acq: 18 Mar 2020 17:04

Tgt Ion: 136 Resp: 1251201

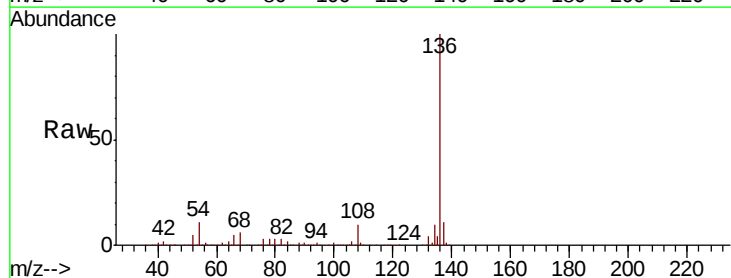
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 11.1 8.3 12.5

68 6.2 4.9 7.3

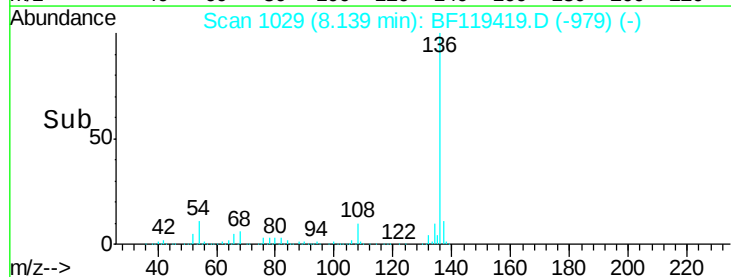
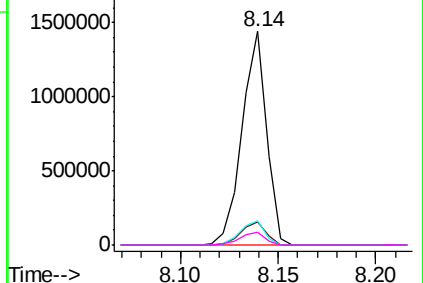


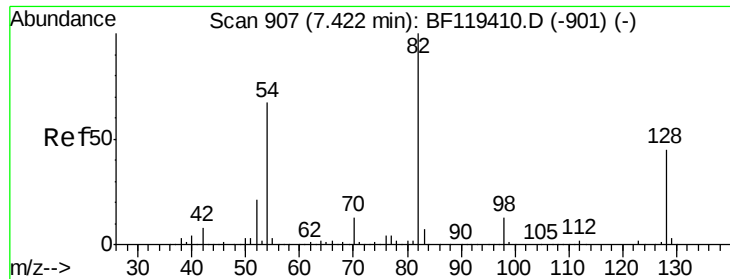
Abundance Ion 136.00 (135.70 to 136.70): E

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

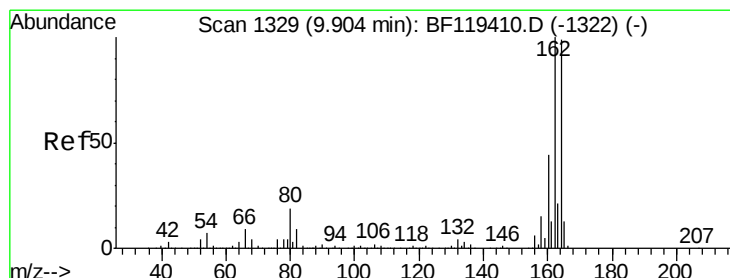
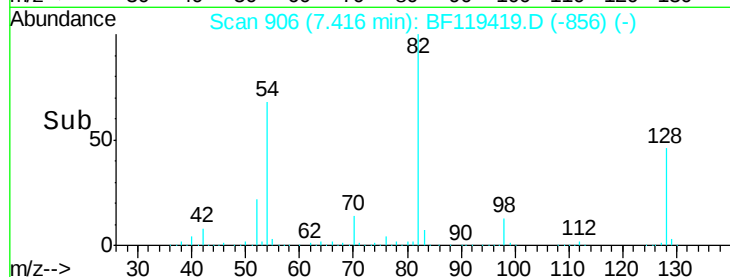
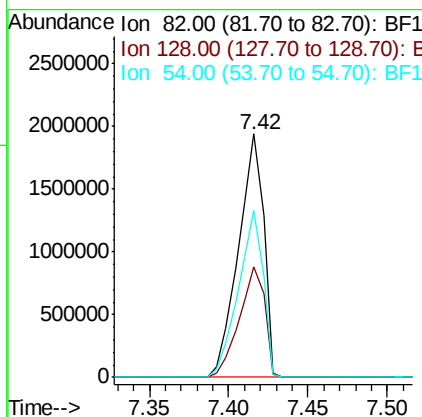
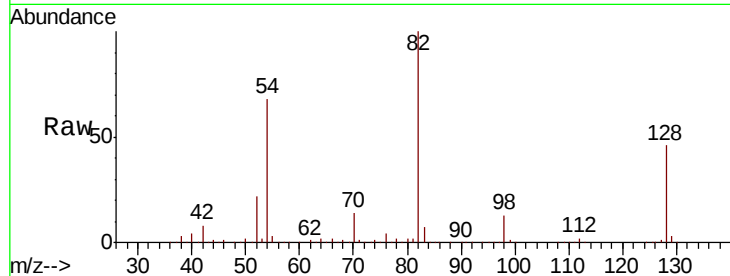




#23  
Nitrobenzene-d5  
Concen: 92.465 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BF119419.D  
Acq: 18 Mar 2020 17:04

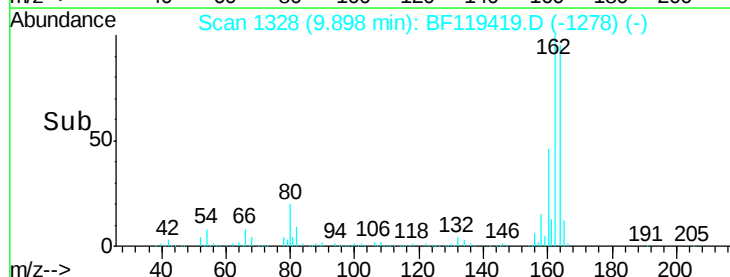
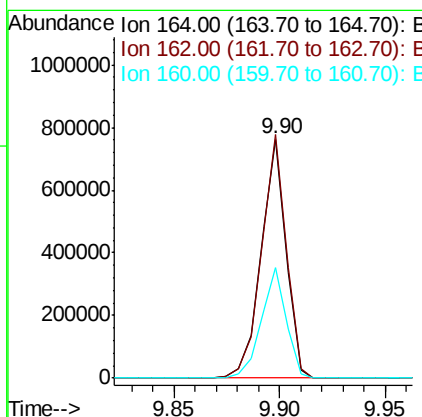
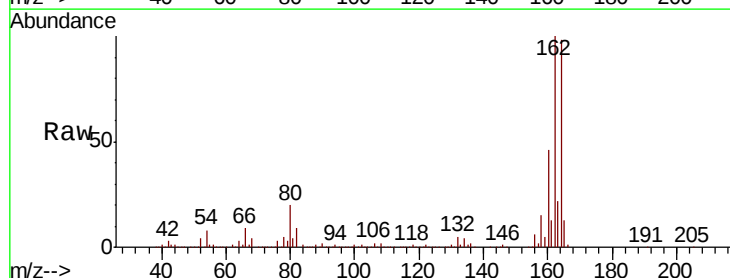
Instrument :  
BNA\_F  
ClientSampleId :  
MH-J

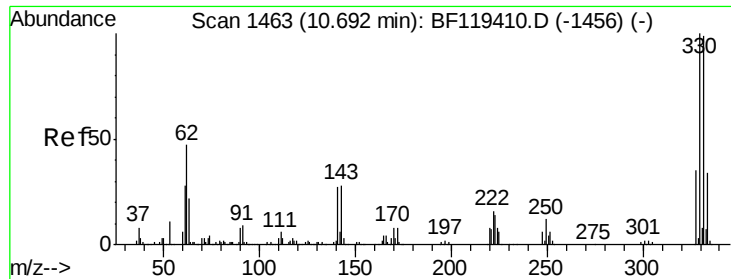
Tot Ion: 82 Resp: 2128747  
Ion Ratio Lower Upper  
82 100  
128 45.5 35.8 53.8  
54 68.5 53.4 80.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BF119419.D  
Acq: 18 Mar 2020 17:04

Tgt Ion:164 Resp: 627735  
Ion Ratio Lower Upper  
164 100  
162 101.9 80.7 121.1  
160 46.4 35.5 53.3

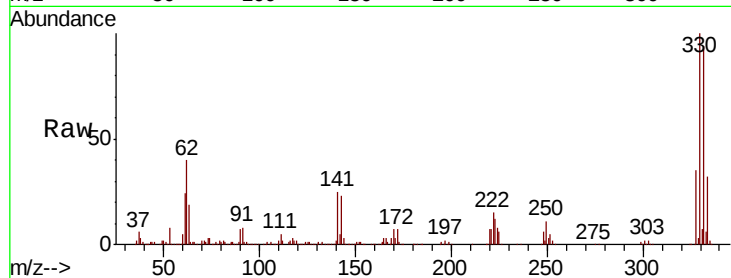




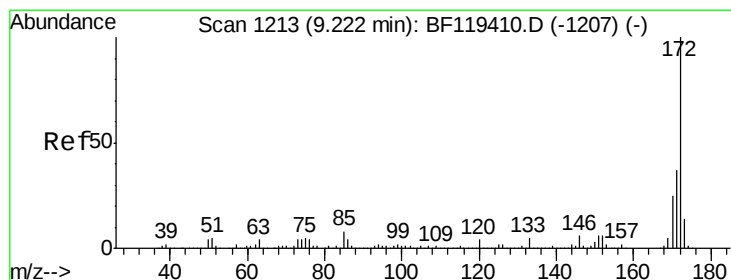
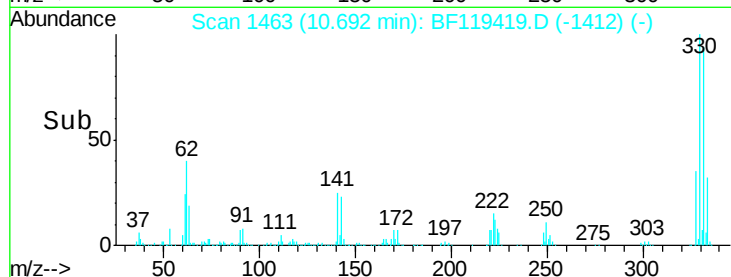
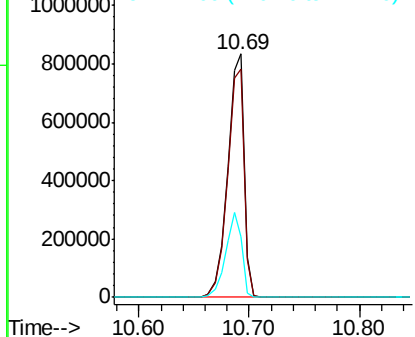
#42  
 2,4,6-Tribromophenol  
 Concen: 134.834 ng  
 RT: 10.69 min Scan# 1463  
 Delta R.T. 0.00 min  
 Lab File: BF119419.D  
 Acq: 18 Mar 2020 17:04

Instrument :  
 BNA\_F  
 ClientSampled :  
 MH-J

Tot Ion:330 Resp: 873201  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 77.6 116.4  
 141 33.9 26.6 40.0

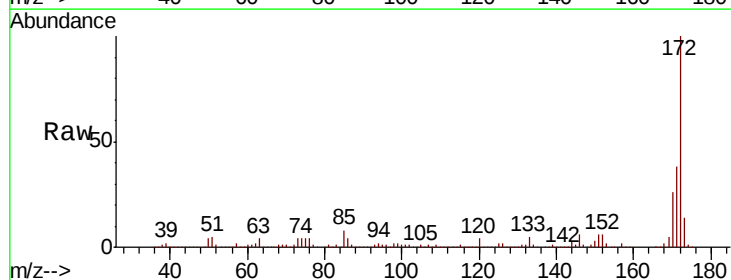


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

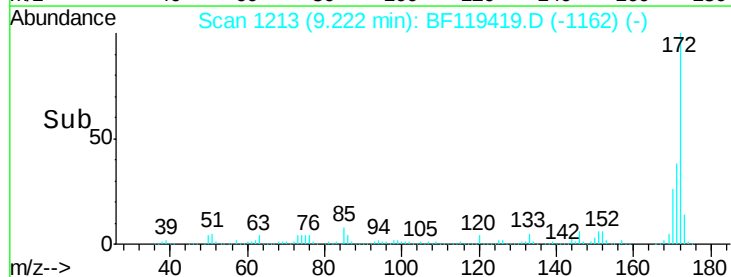
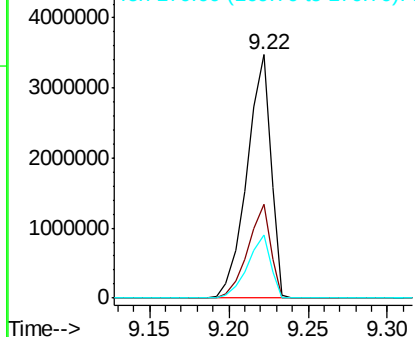


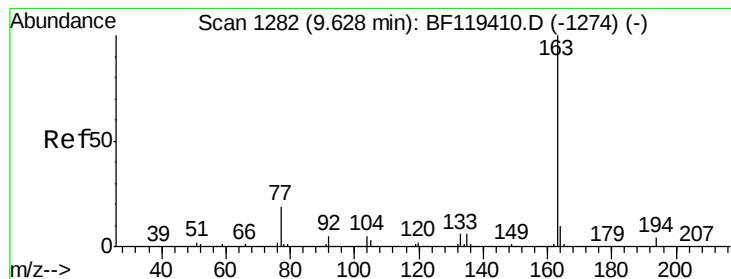
#45  
 2-Fluorobiphenyl  
 Concen: 85.522 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. 0.00 min  
 Lab File: BF119419.D  
 Acq: 18 Mar 2020 17:04

Tgt Ion:172 Resp: 3623766  
 Ion Ratio Lower Upper  
 172 100  
 171 38.4 29.9 44.9  
 170 26.1 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





#50

Dimethylphthalate

Concen: 9.096 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF119419.D

Acq: 18 Mar 2020 17:04

Instrument :

BNA\_F

ClientSampleId :

MH-J

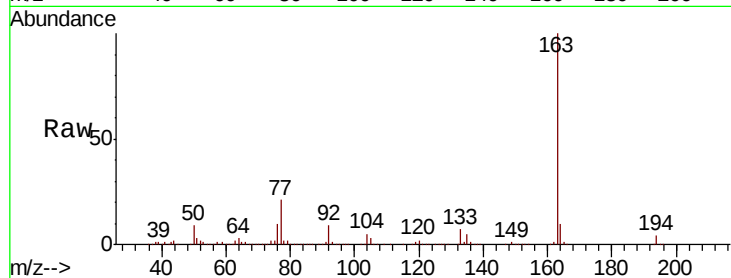
Tot Ion:163 Resp: 405577

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

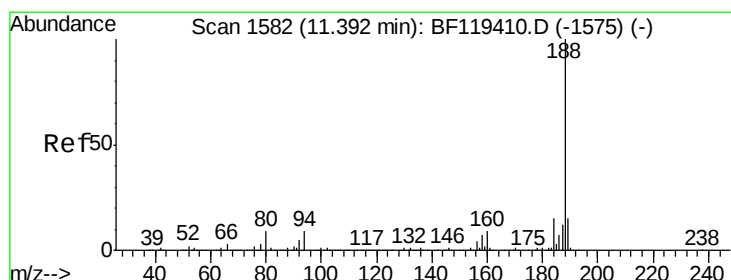
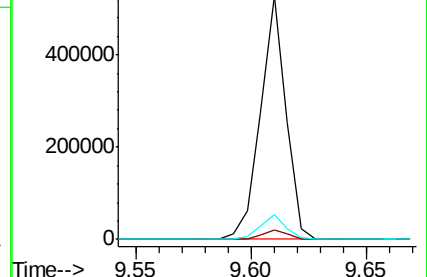
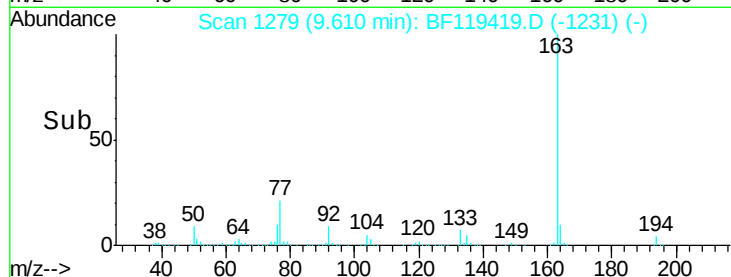
164 10.2 8.1 12.1



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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF119419.D

Acq: 18 Mar 2020 17:04

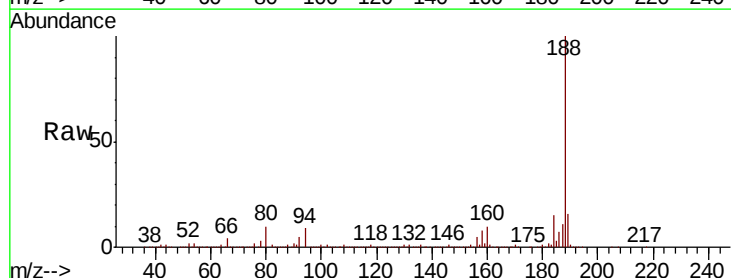
Tgt Ion:188 Resp: 1165268

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

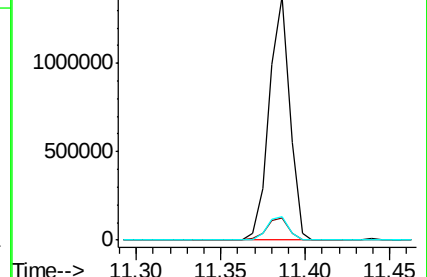
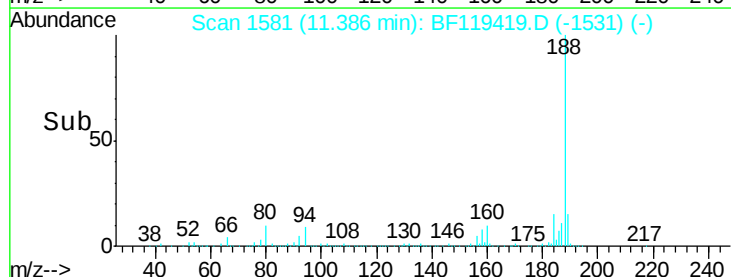
80 9.8 7.5 11.3

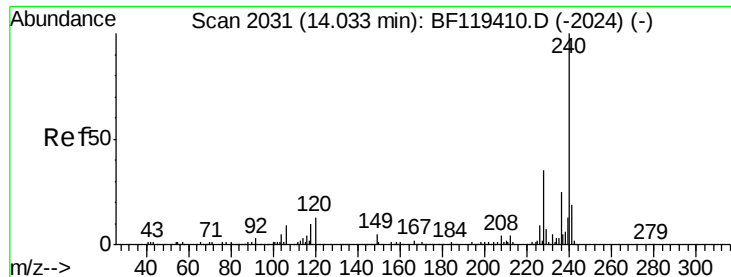


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

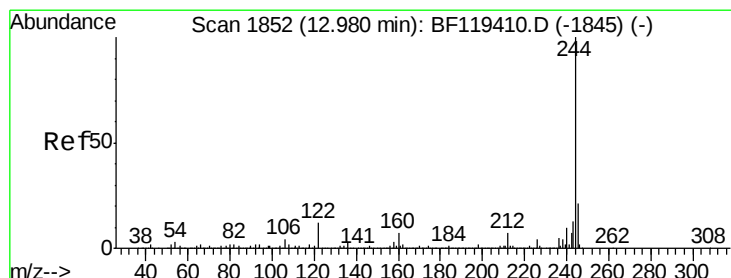
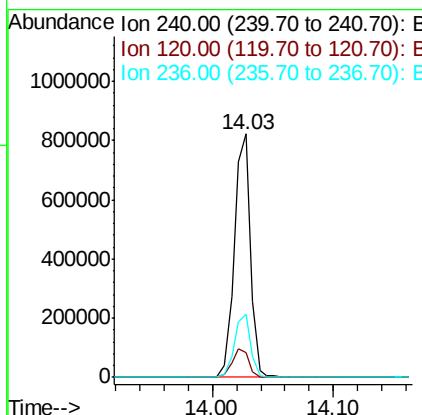
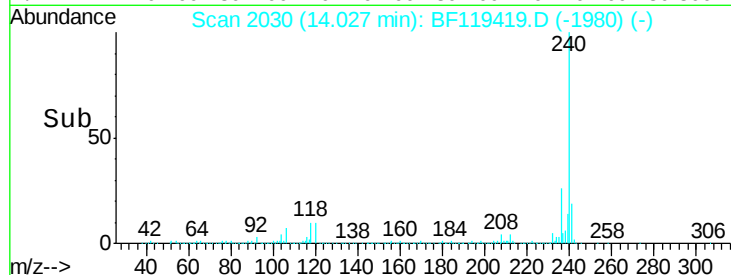
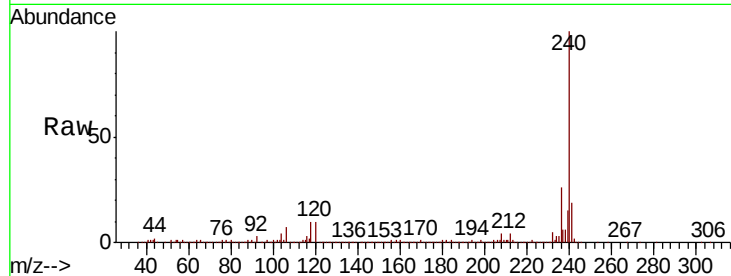




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 14.03 min Scan# 2030  
 Delta R.T. -0.01 min  
 Lab File: BF119419.D  
 Acq: 18 Mar 2020 17:04

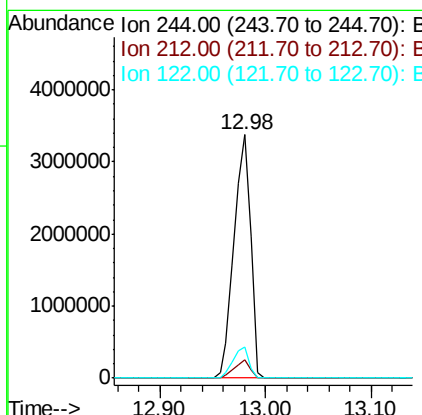
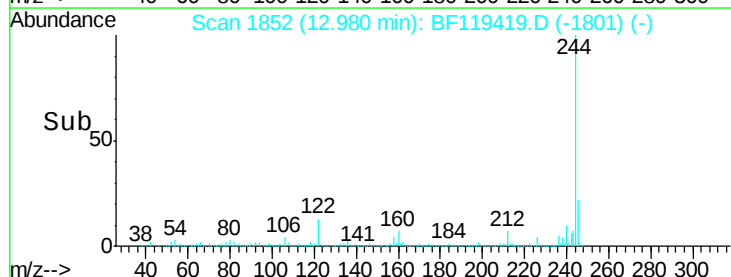
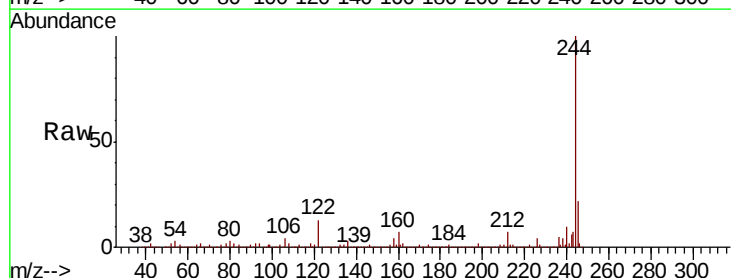
Instrument :  
 BNA\_F  
 ClientSampleId :  
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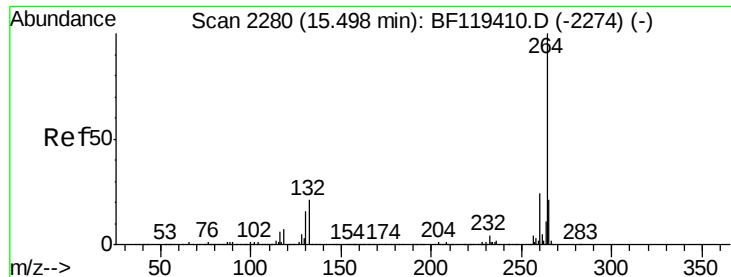
Tot Ion:240 Resp: 765821  
 Ion Ratio Lower Upper  
 240 100  
 120 10.3 10.2 15.4  
 236 25.7 20.4 30.6



#79  
 Terphenyl-d14  
 Concen: 93.106 ng  
 RT: 12.98 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: BF119419.D  
 Acq: 18 Mar 2020 17:04

Tgt Ion:244 Resp: 3639340  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.7 8.5  
 122 13.0 9.8 14.8





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.49 min Scan# 2279  
Delta R.T. -0.01 min  
Lab File: BF119419.D  
Acq: 18 Mar 2020 17:04

Instrument :  
BNA\_F  
ClientSampleId :  
MH-J

Tot Ion: 264 Resp: 626992  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.6  | 19.2  | 28.8  |
| 265 | 20.8  | 16.9  | 25.3  |

