

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\  
 Data File : BF118238.D  
 Acq On : 17 Dec 2019 20:48  
 Operator : JU  
 Sample : K6329-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 121619-CA-COMP

Quant Time: Dec 18 06:13:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 06 17:34:43 2019  
 Response via : Initial Calibration

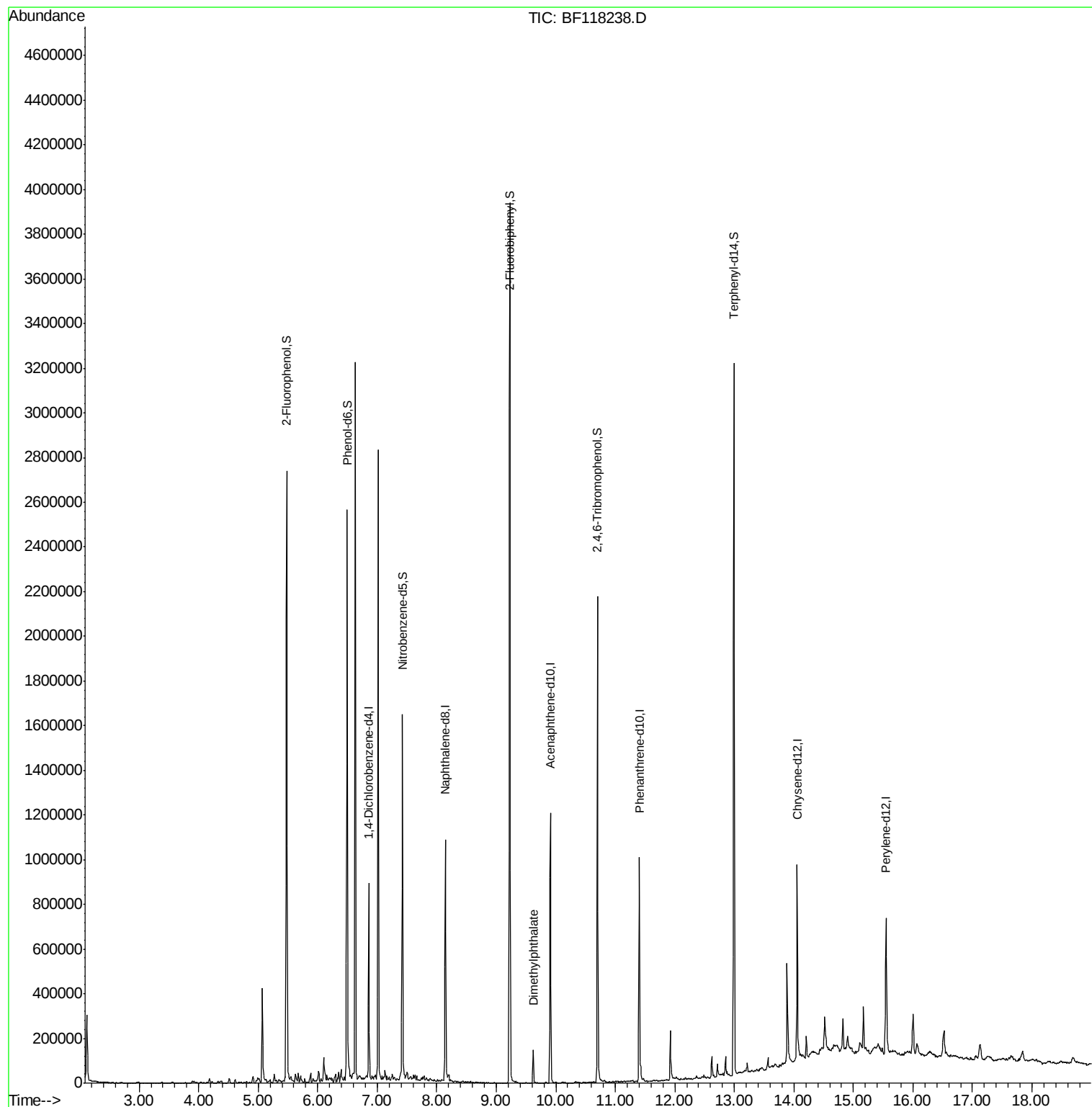
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 125580   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 8.15  | 136  | 485962   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 9.91  | 164  | 241312   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.40 | 188  | 387261   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.06 | 240  | 278859   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 15.54 | 264  | 242538   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.48  | 112  | 778787   | 108.62 | ng    | 0.00      |
| 7) Phenol-d6                | 6.50  | 99   | 985147   | 113.60 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 577954   | 66.91  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 10.70 | 330  | 275318   | 93.92  | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.23  | 172  | 1146569  | 72.30  | ng    | -0.01     |
| 79) Terphenyl-d14           | 12.99 | 244  | 1041726  | 64.24  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.62  | 163  | 67821    | 3.805  | ng    | Qvalue 99 |

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

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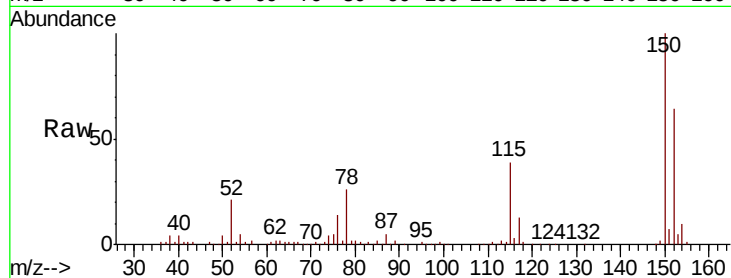


#1

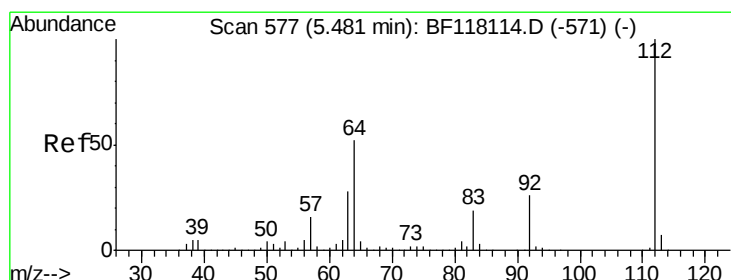
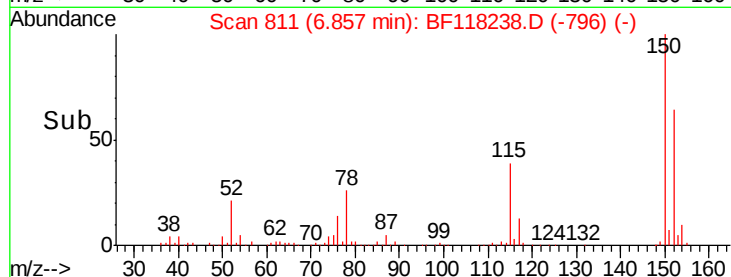
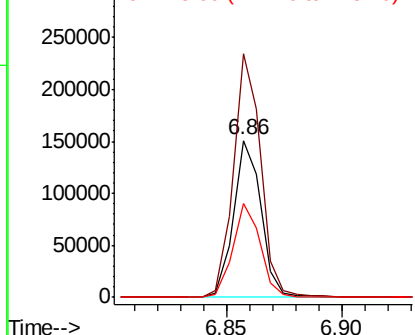
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF118238.D  
Acq: 17 Dec 2019 20:48

Instrument :  
BNA\_F  
ClientSampleId :  
121619-CA-COMP

Tot Ion:152 Resp: 125580  
Ion Ratio Lower Upper  
152 100  
150 155.5 128.3 192.5  
115 60.3 51.1 76.7



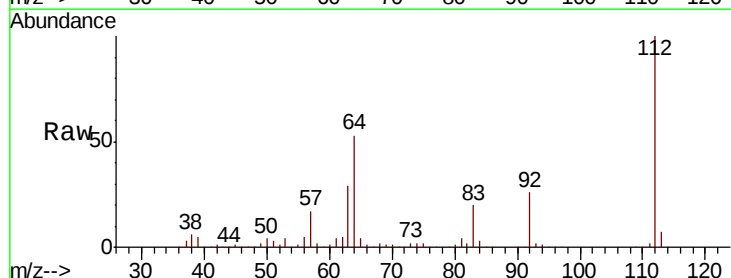
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



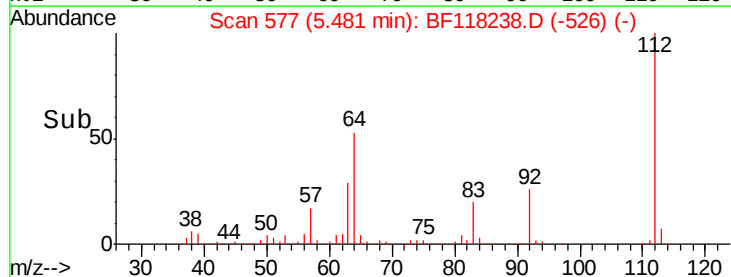
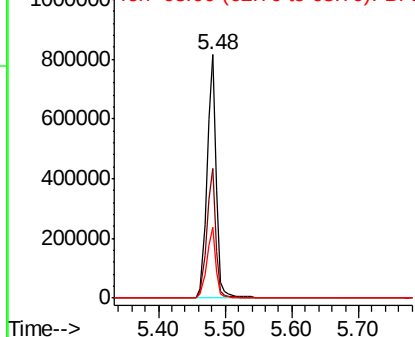
#5

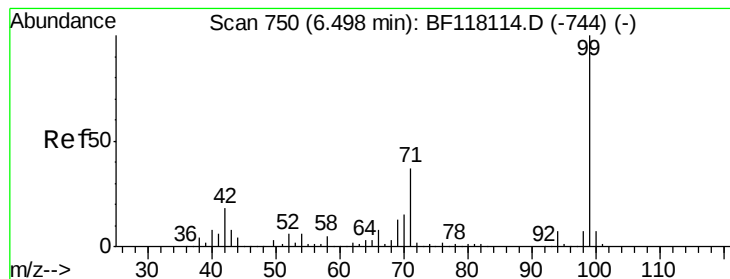
2-Fluorophenol  
Concen: 108.617 ng  
RT: 5.48 min Scan# 577  
Delta R.T. -0.00 min  
Lab File: BF118238.D  
Acq: 17 Dec 2019 20:48

Tgt Ion:112 Resp: 778787  
Ion Ratio Lower Upper  
112 100  
64 53.4 41.3 61.9  
63 29.2 22.4 33.6



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: 113.597 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118238.D

Acq: 17 Dec 2019 20:48

Instrument :

BNA\_F

ClientSampleId :

121619-CA-COMP

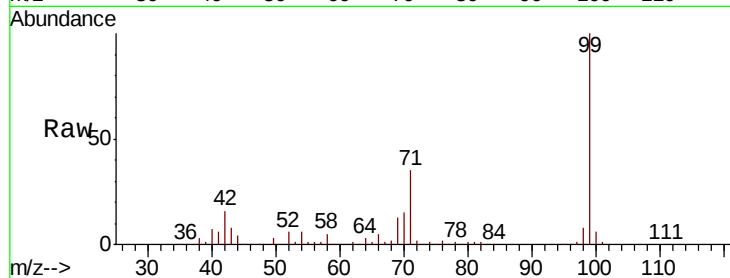
Tot Ion: 99 Resp: 985147

Ion Ratio Lower Upper

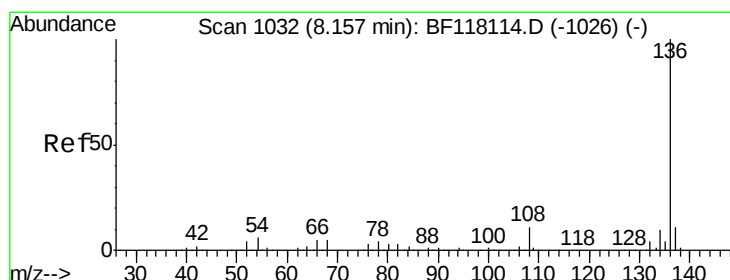
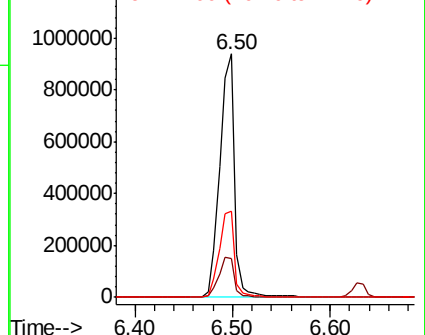
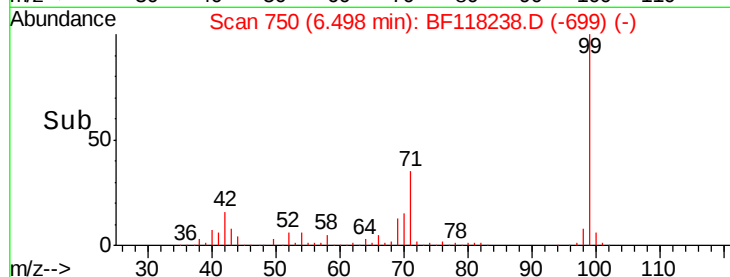
99 100

42 16.1 14.1 21.1

71 35.4 29.7 44.5



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118238.D

Acq: 17 Dec 2019 20:48

Tgt Ion: 136 Resp: 485962

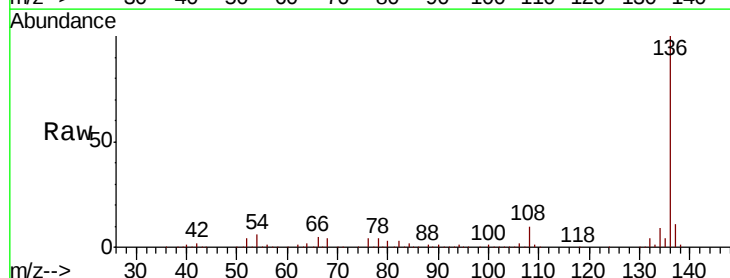
Ion Ratio Lower Upper

136 100

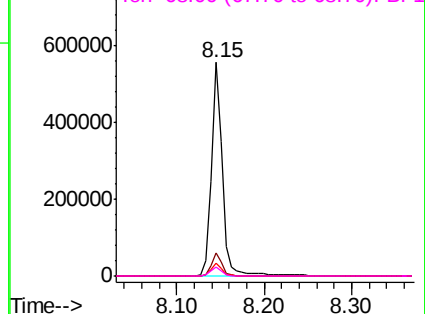
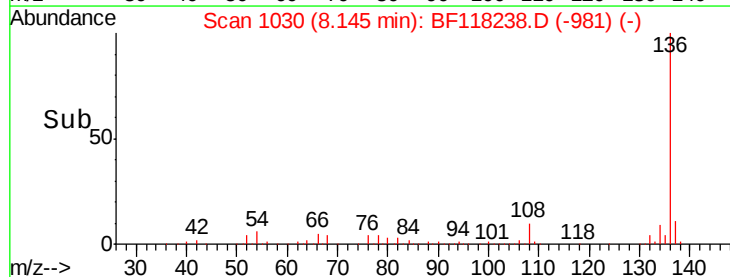
137 10.7 9.0 13.6

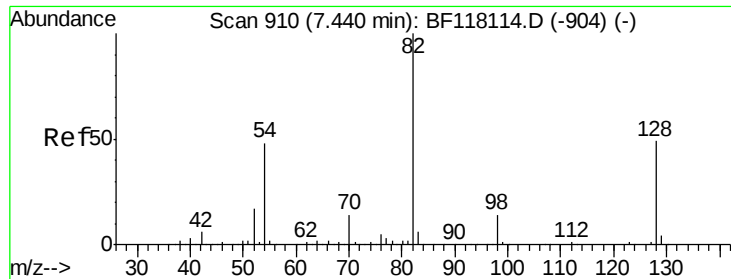
54 6.2 5.0 7.6

68 4.5 3.8 5.8



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

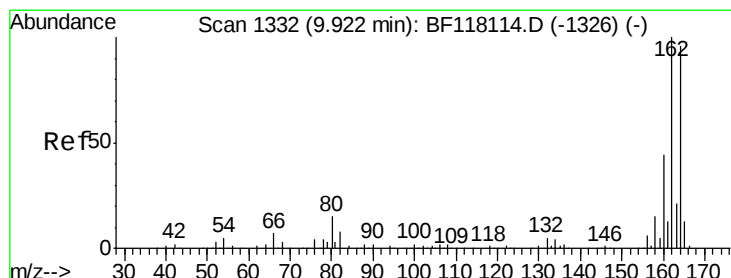
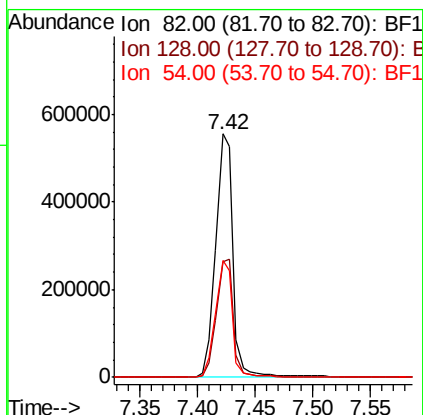
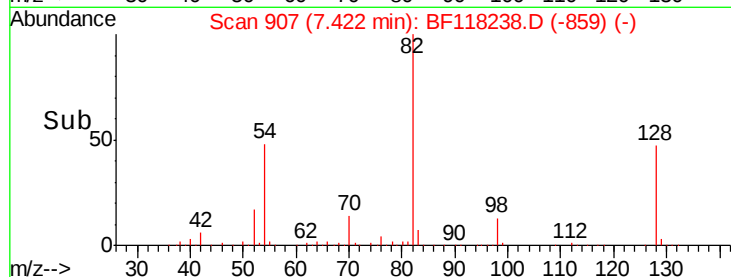
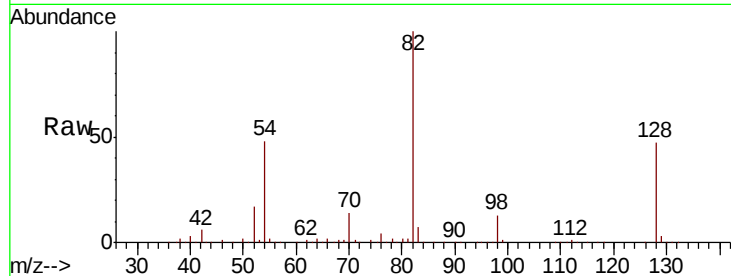




#23  
 Nitrobenzene-d5  
 Concen: 66.907 ng  
 RT: 7.42 min Scan# 907  
 Delta R.T. -0.02 min  
 Lab File: BF118238.D  
 Acq: 17 Dec 2019 20:48

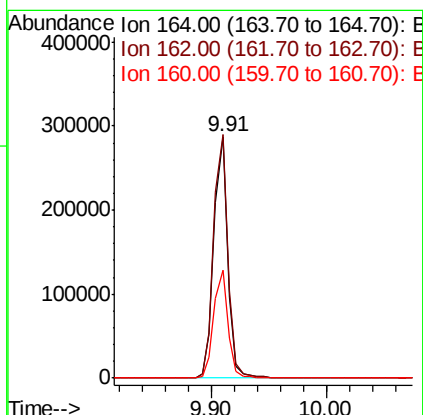
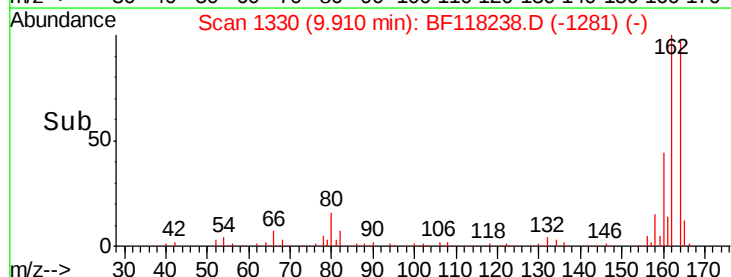
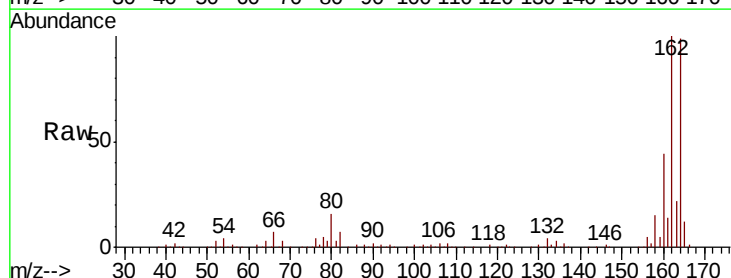
Instrument :  
 BNA\_F  
 ClientSampleId :  
 121619-CA-COMP

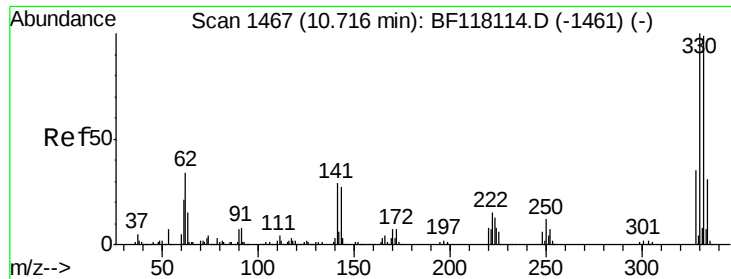
Tot Ion: 82 Resp: 577954  
 Ion Ratio Lower Upper  
 82 100  
 128 47.3 39.1 58.7  
 54 48.1 38.2 57.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. -0.01 min  
 Lab File: BF118238.D  
 Acq: 17 Dec 2019 20:48

Tgt Ion:164 Resp: 241312  
 Ion Ratio Lower Upper  
 164 100  
 162 100.9 83.4 125.0  
 160 44.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 93.917 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118238.D

Acq: 17 Dec 2019 20:48

Instrument :

BNA\_F

ClientSampleId :

121619-CA-COMP

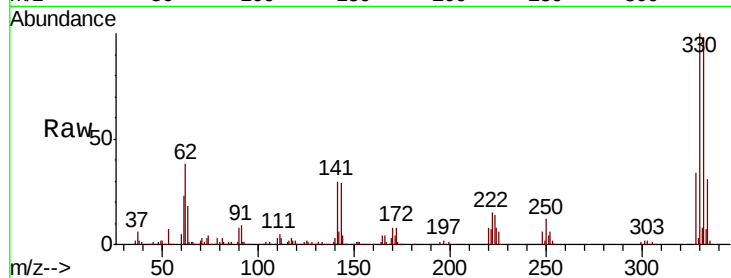
Tot Ion:330 Resp: 275318

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

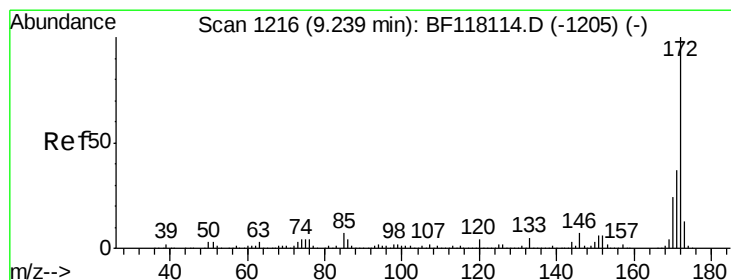
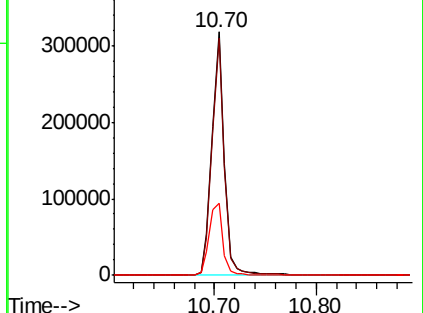
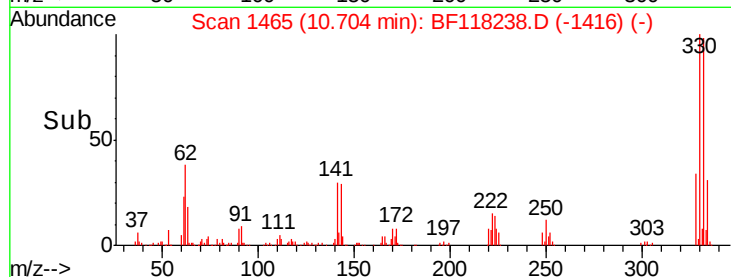
141 33.0 26.9 40.3



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: 72.299 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118238.D

Acq: 17 Dec 2019 20:48

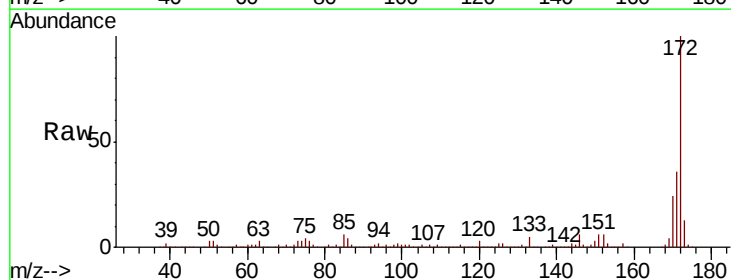
Tgt Ion:172 Resp: 1146569

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

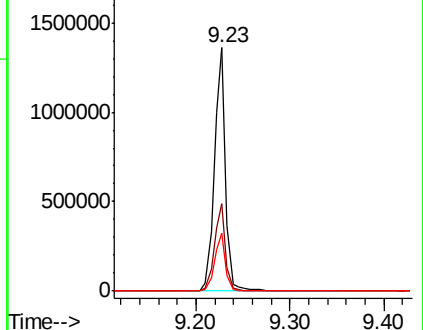
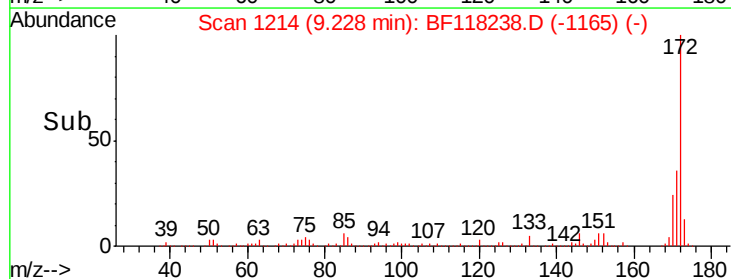
170 23.6 19.4 29.2

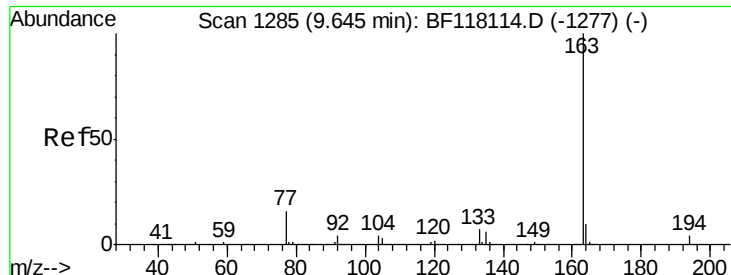


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

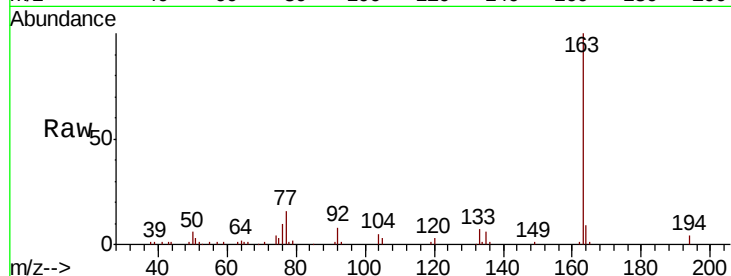




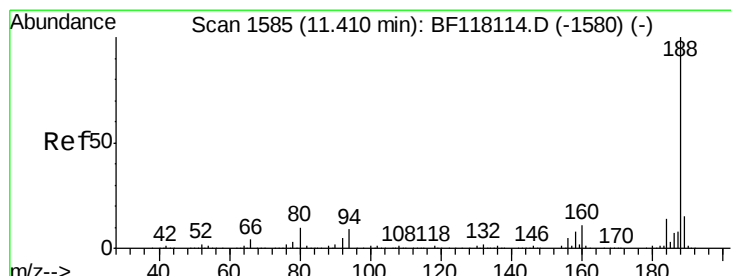
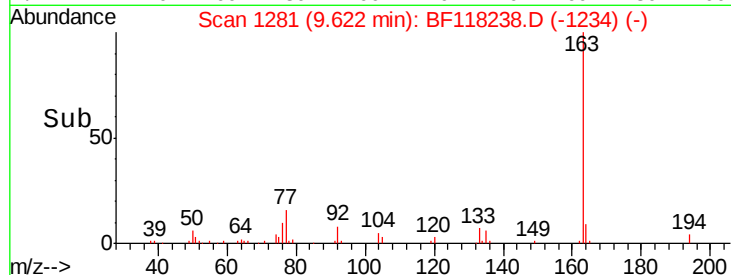
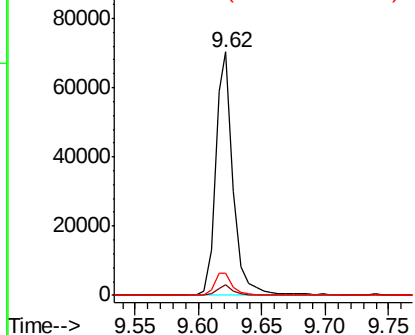
#50  
Dimethylphthalate  
Concen: 3.805 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. -0.02 min  
Lab File: BF118238.D  
Acq: 17 Dec 2019 20:48

Instrument :  
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121619-CA-COMP

Tot Ion:163 Resp: 67821  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.1 4.7  
164 9.2 7.7 11.5

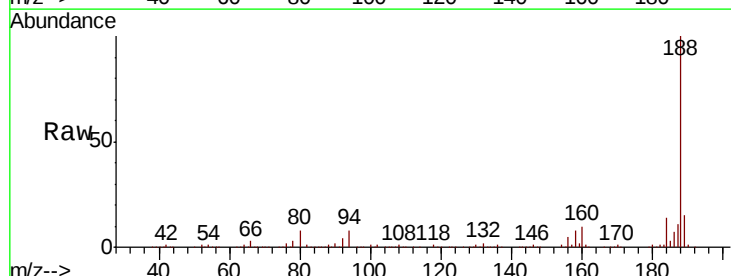


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

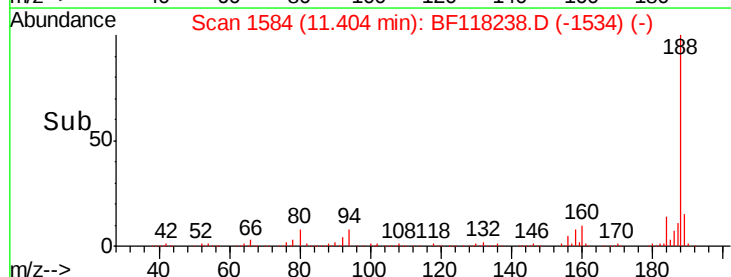
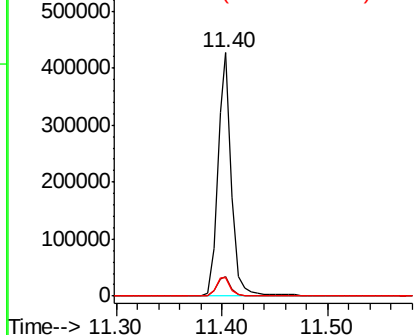


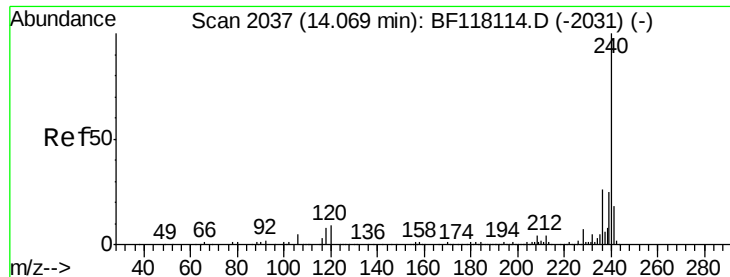
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BF118238.D  
Acq: 17 Dec 2019 20:48

Tgt Ion:188 Resp: 387261  
Ion Ratio Lower Upper  
188 100  
94 7.8 7.1 10.7  
80 7.7 7.9 11.9#



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118238.D

Acq: 17 Dec 2019 20:48

Instrument :

BNA\_F

ClientSampleId :

121619-CA-COMP

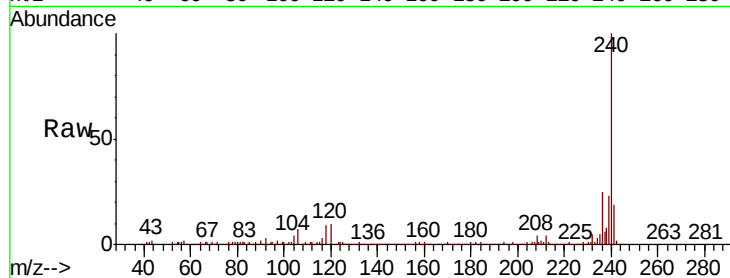
Tot Ion:240 Resp: 278859

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

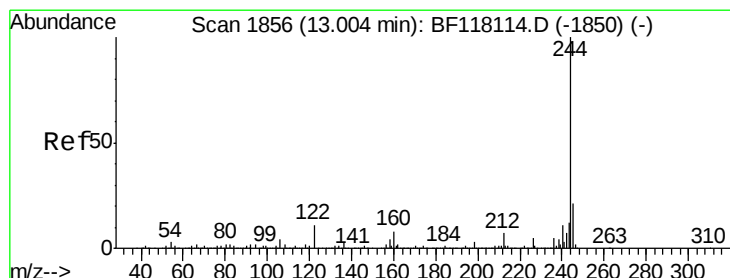
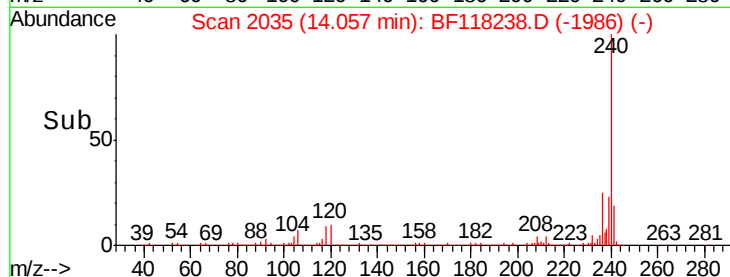
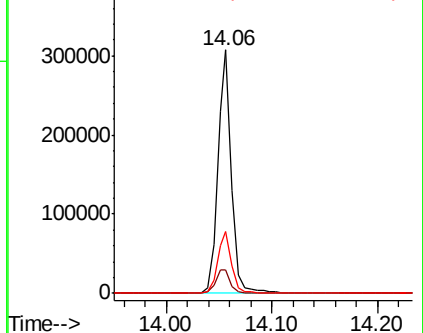
236 25.2 21.0 31.6



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: 64.240 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118238.D

Acq: 17 Dec 2019 20:48

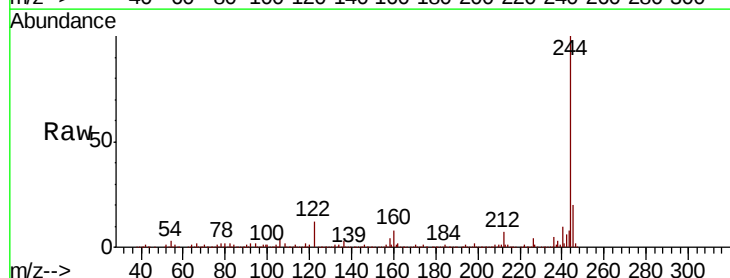
Tgt Ion:244 Resp: 1041726

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

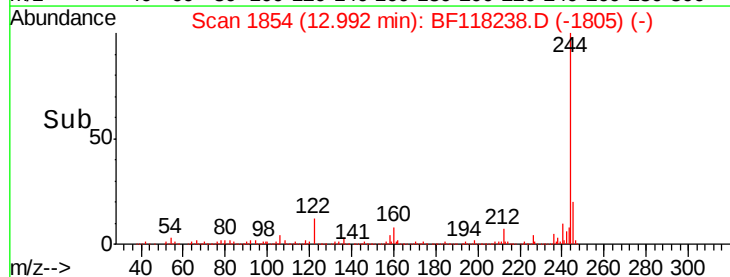
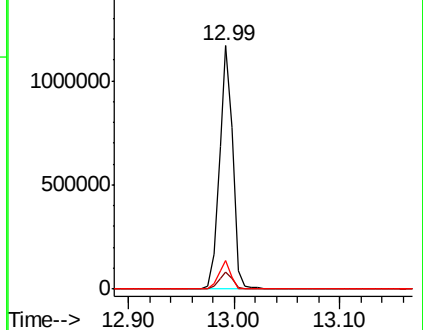
122 11.6 9.0 13.6

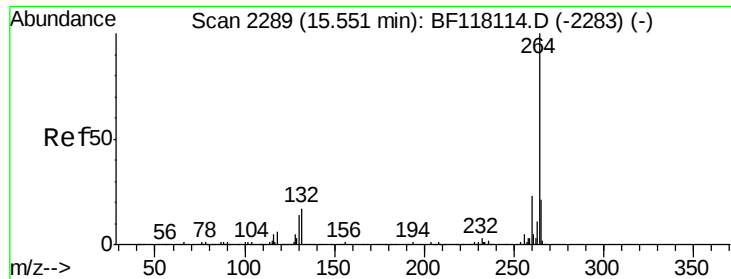


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

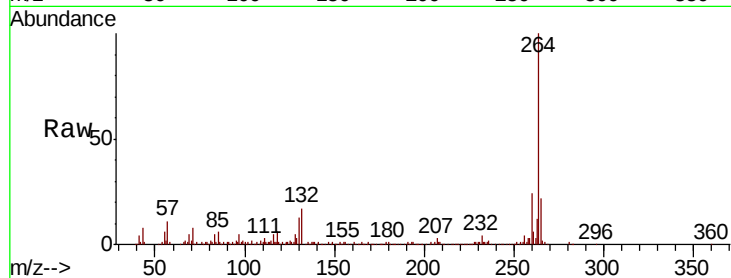




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.54 min Scan# 2288  
 Delta R.T. -0.01 min  
 Lab File: BF118238.D  
 Acq: 17 Dec 2019 20:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 121619-CA-COMP

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 242538 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.5  | 18.6  | 28.0   |
| 265      | 21.6  | 16.8  | 25.2   |



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

