

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\  
 Data File : BF118257.D  
 Acq On : 18 Dec 2019 14:24  
 Operator : JU  
 Sample : K6324-07  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-15

Quant Time: Dec 19 03:23:29 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

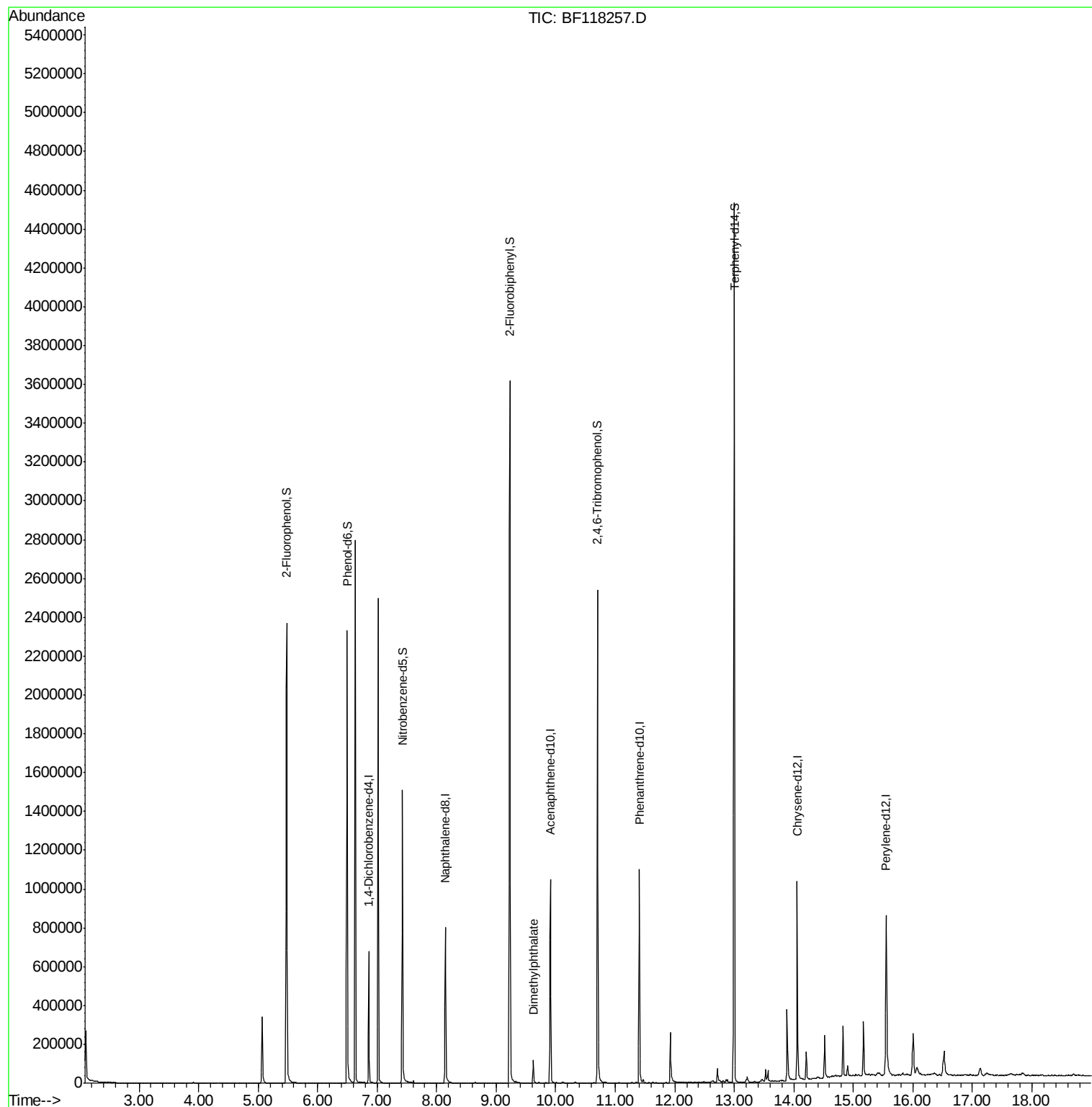
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 100262   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 8.15  | 136  | 399026   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 9.91  | 164  | 214509   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.40 | 188  | 426500   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.06 | 240  | 337923   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 15.55 | 264  | 328397   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.48  | 112  | 692410   | 120.96 | ng    | 0.00      |
| 7) Phenol-d6                | 6.49  | 99   | 896329   | 129.45 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 523420   | 73.80  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 10.70 | 330  | 316421   | 121.43 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.23  | 172  | 1116180  | 79.18  | ng    | -0.01     |
| 79) Terphenyl-d14           | 13.00 | 244  | 1469266  | 74.77  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.62  | 163  | 54026    | 3.410  | ng    | Qvalue 99 |

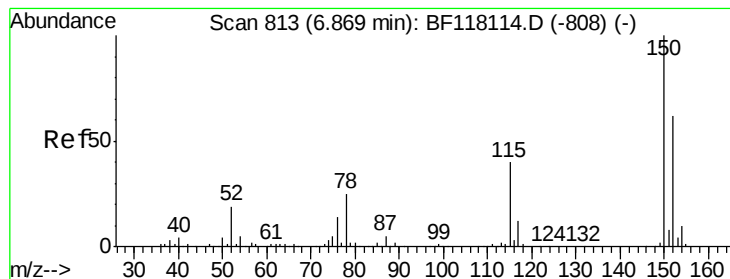
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\  
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BNA\_F  
ClientSampleId :  
EP-15

Quant Time: Dec 19 03:23:29 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



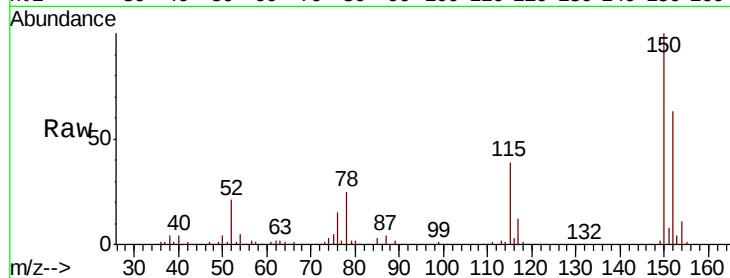


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF118257.D  
Acq: 18 Dec 2019 14:24

Instrument :  
BNA\_F  
ClientSampled :  
EP-15

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.6 | 128.3 | 192.5 |
| 115     | 62.4  | 51.1  | 76.7  |

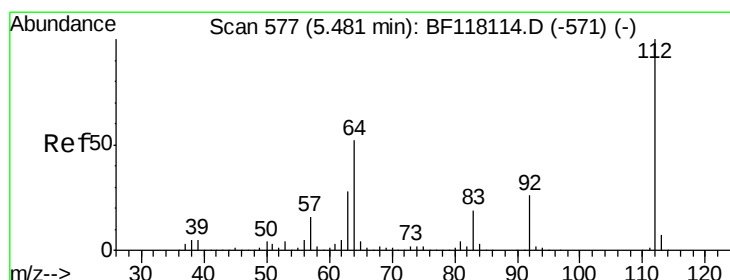
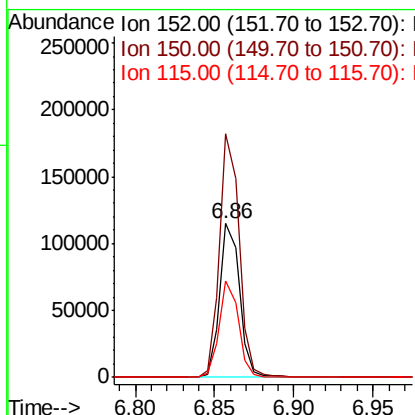
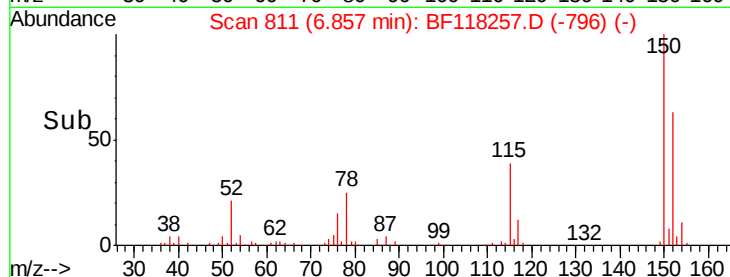


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

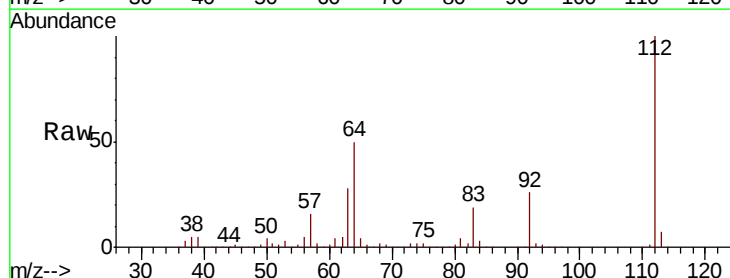
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 120.956 ng  
RT: 5.48 min Scan# 577  
Delta R.T. 0.00 min  
Lab File: BF118257.D  
Acq: 18 Dec 2019 14:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 50.0  | 41.3  | 61.9  |
| 63      | 28.0  | 22.4  | 33.6  |

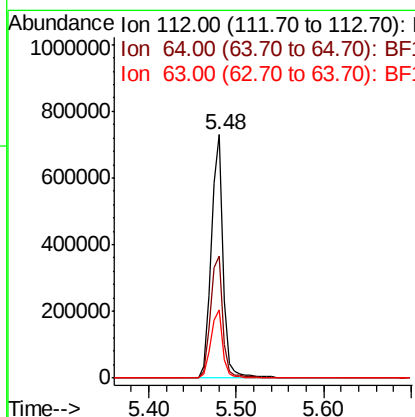
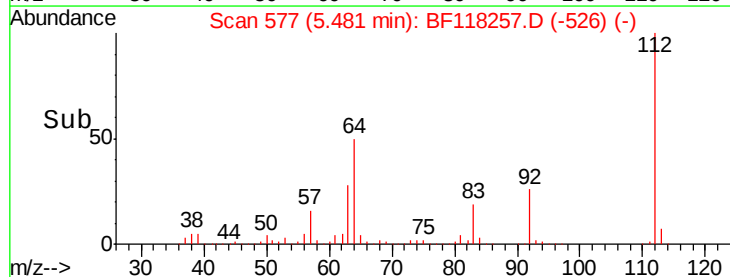


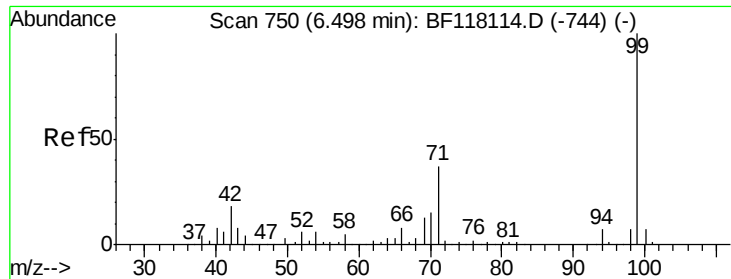
Abundance

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: 129.454 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118257.D

Acq: 18 Dec 2019 14:24

Instrument :

BNA\_F

ClientSampleId :

EP-15

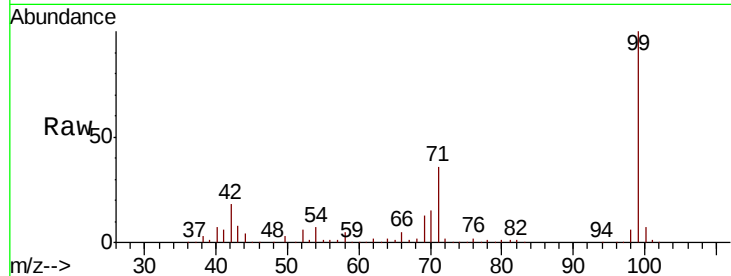
Tot Ion: 99 Resp: 896329

Ion Ratio Lower Upper

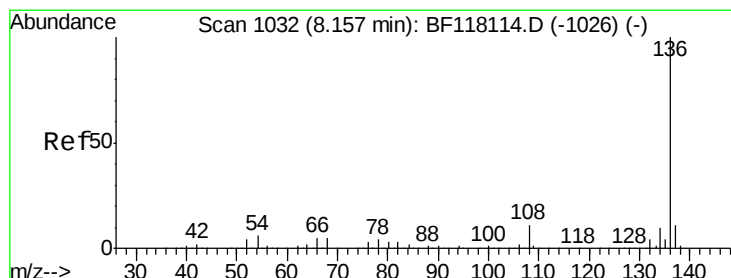
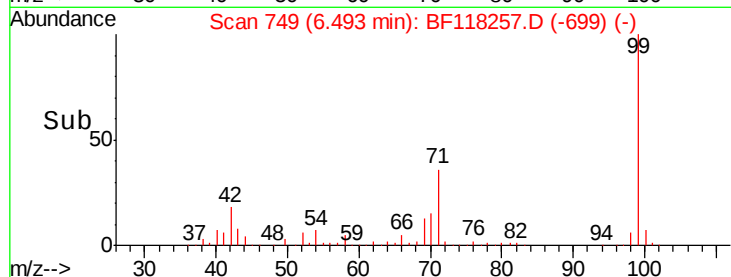
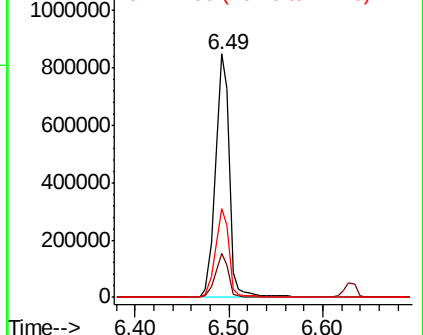
99 100

42 18.0 14.1 21.1

71 36.5 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: BF118257.D

Acq: 18 Dec 2019 14:24

Tgt Ion: 136 Resp: 399026

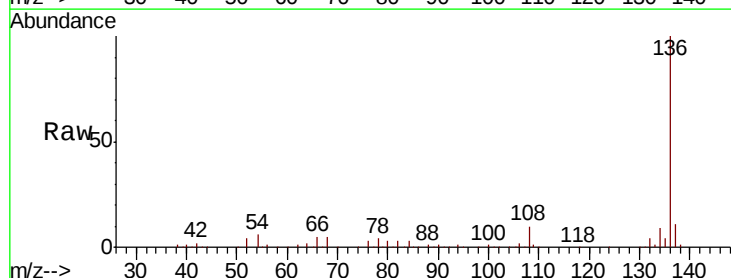
Ion Ratio Lower Upper

136 100

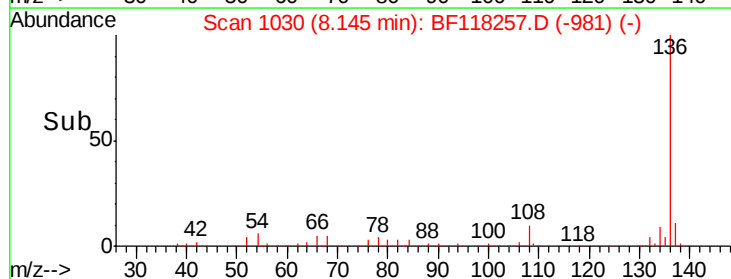
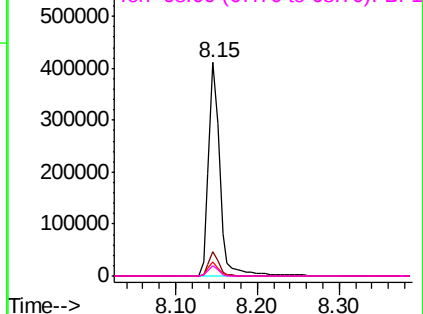
137 11.3 9.0 13.6

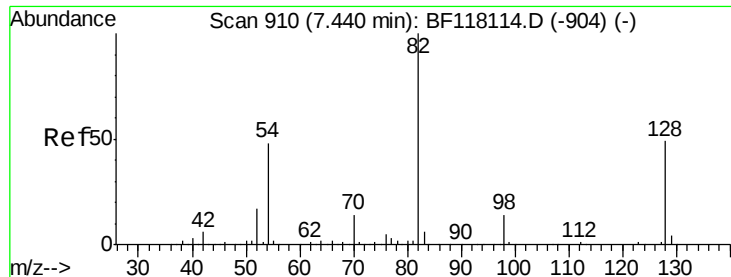
54 6.5 5.0 7.6

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

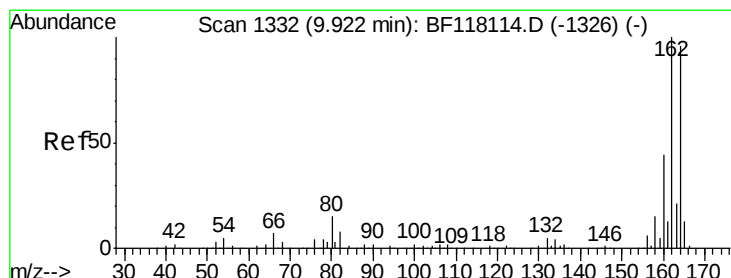
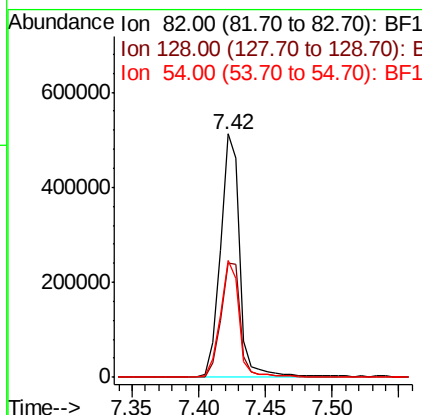
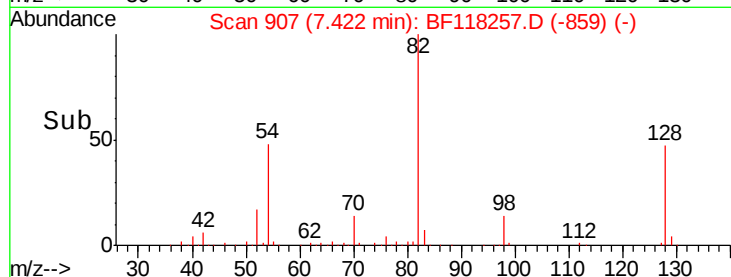
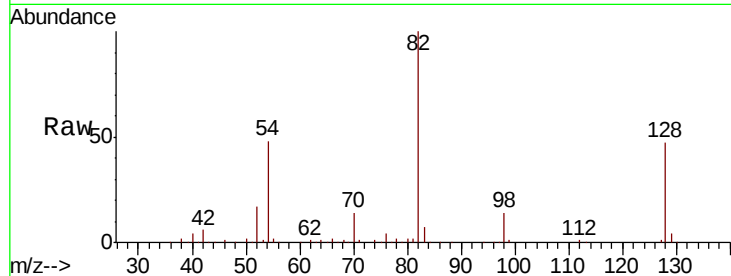




#23  
 Nitrobenzene-d5  
 Concen: 73.796 ng  
 RT: 7.42 min Scan# 907  
 Delta R.T. -0.02 min  
 Lab File: BF118257.D  
 Acq: 18 Dec 2019 14:24

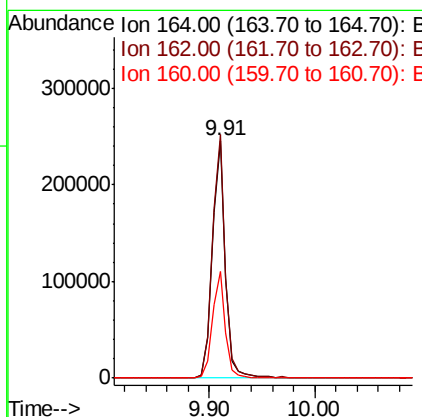
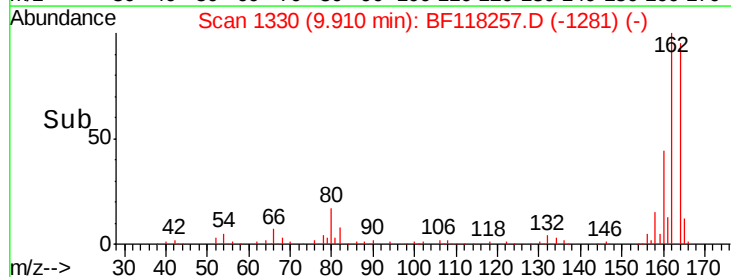
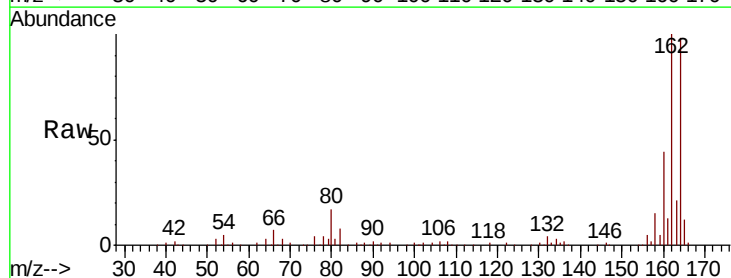
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-15

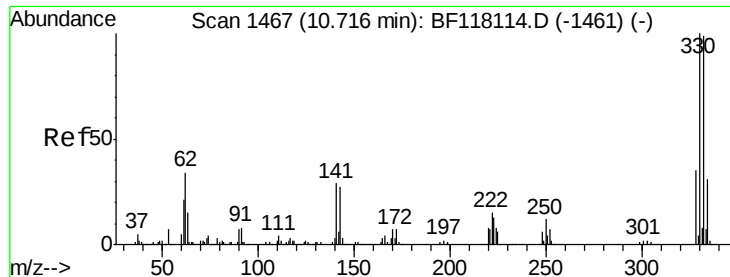
Tot Ion: 82 Resp: 523420  
 Ion Ratio Lower Upper  
 82 100  
 128 47.1 39.1 58.7  
 54 48.1 38.2 57.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. -0.01 min  
 Lab File: BF118257.D  
 Acq: 18 Dec 2019 14:24

Tgt Ion: 164 Resp: 214509  
 Ion Ratio Lower Upper  
 164 100  
 162 102.5 83.4 125.0  
 160 45.0 36.6 54.8

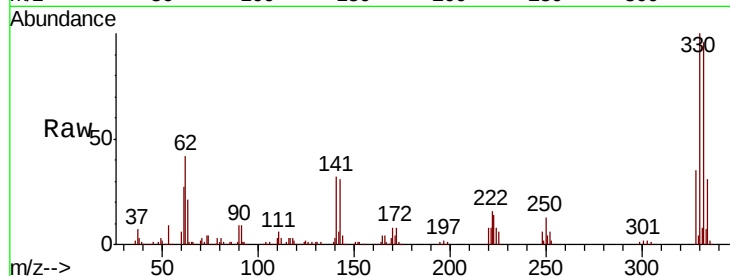




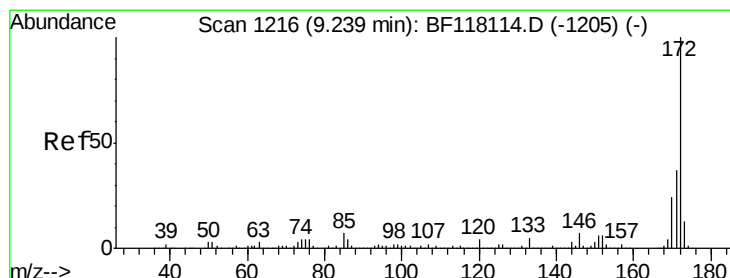
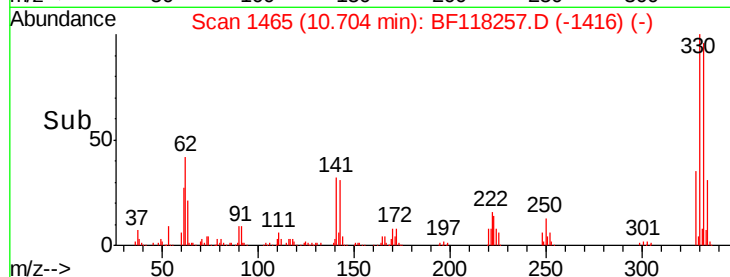
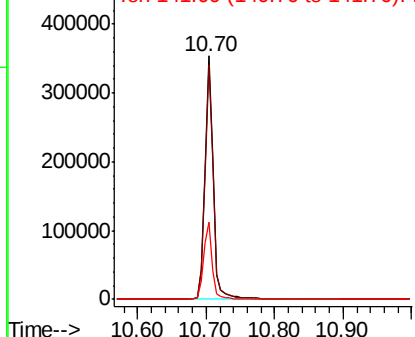
#42  
 2,4,6-Tribromophenol  
 Concen: 121.425 ng  
 RT: 10.70 min Scan# 1465  
 Delta R.T. -0.01 min  
 Lab File: BF118257.D  
 Acq: 18 Dec 2019 14:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-15

Tot Ion:330 Resp: 316421  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 78.1 117.1  
 141 32.4 26.9 40.3

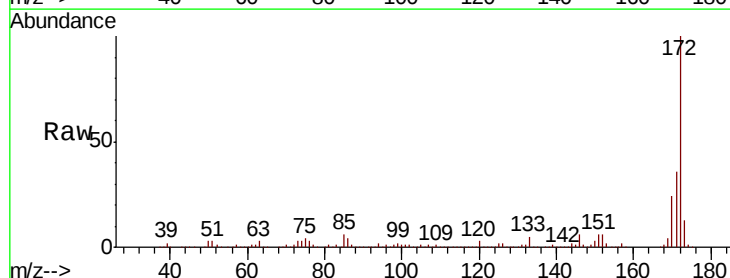


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

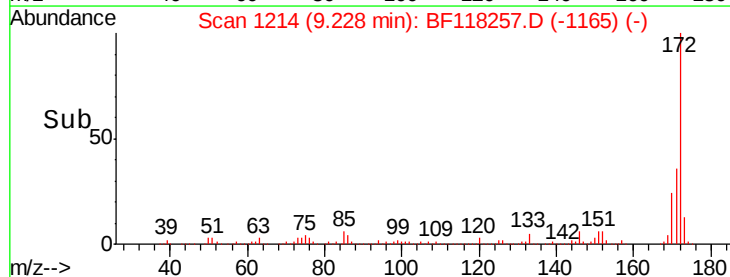
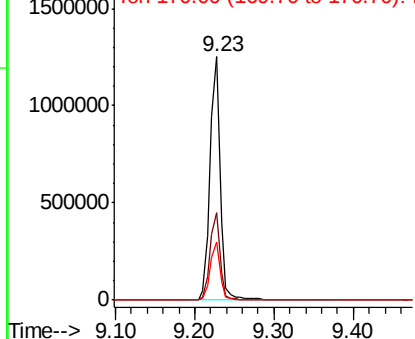


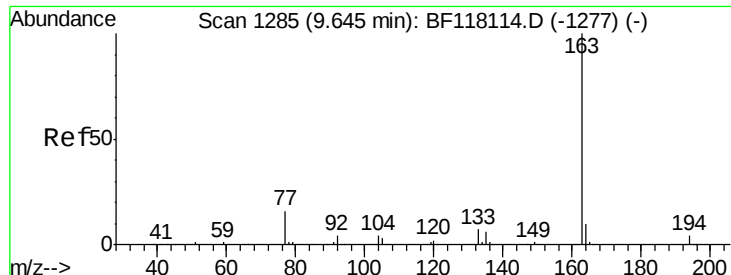
#45  
 2-Fluorobiphenyl  
 Concen: 79.178 ng  
 RT: 9.23 min Scan# 1214  
 Delta R.T. -0.01 min  
 Lab File: BF118257.D  
 Acq: 18 Dec 2019 14:24

Tgt Ion:172 Resp: 1116180  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 29.2 43.8  
 170 23.7 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: 3.410 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118257.D

Acq: 18 Dec 2019 14:24

Instrument :

BNA\_F

ClientSampleId :

EP-15

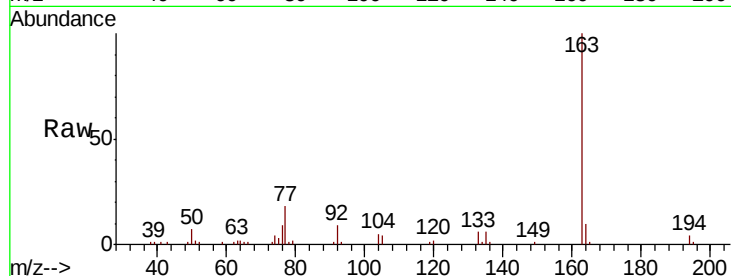
Tot Ion:163 Resp: 54026

Ion Ratio Lower Upper

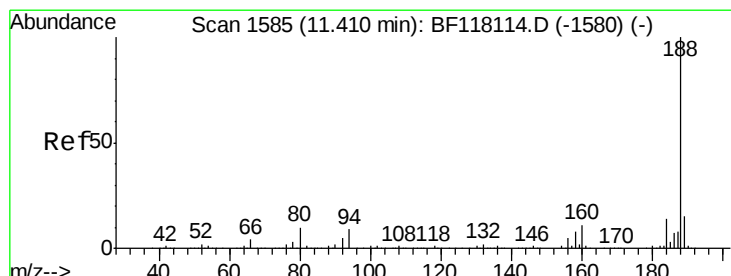
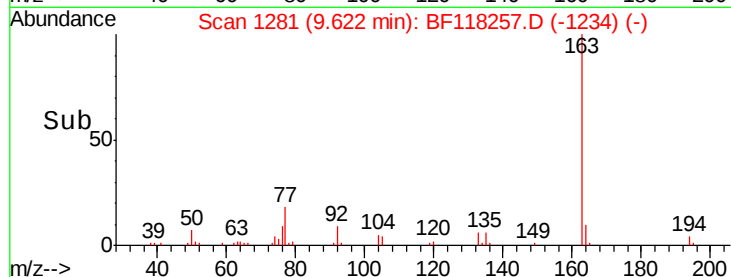
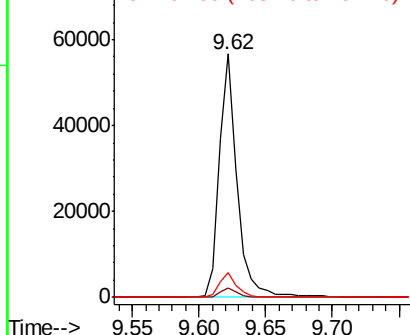
163 100

194 3.9 3.1 4.7

164 10.0 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: BF118257.D

Acq: 18 Dec 2019 14:24

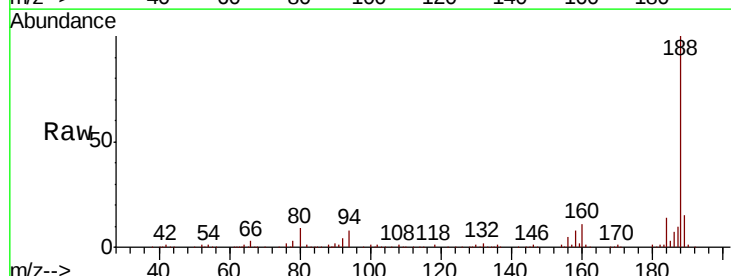
Tgt Ion:188 Resp: 426500

Ion Ratio Lower Upper

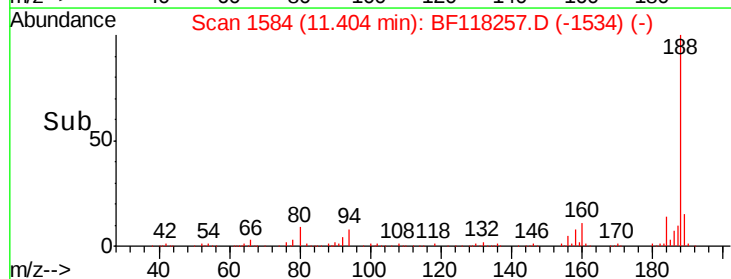
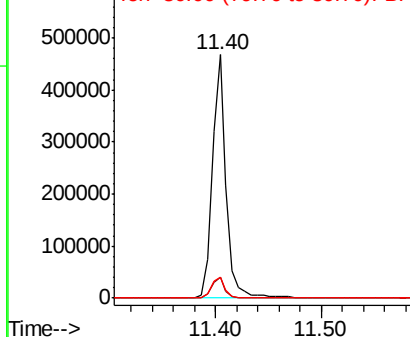
188 100

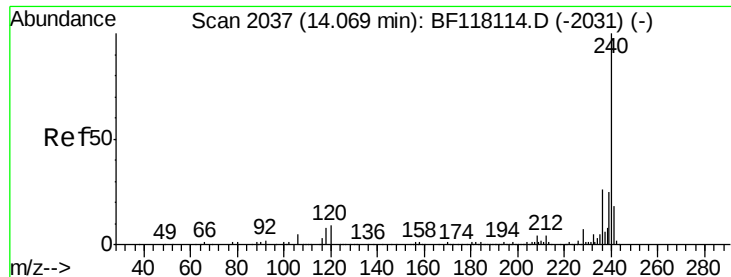
94 8.3 7.1 10.7

80 8.6 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: BF118257.D

Acq: 18 Dec 2019 14:24

Instrument :

BNA\_F

ClientSampleId :

EP-15

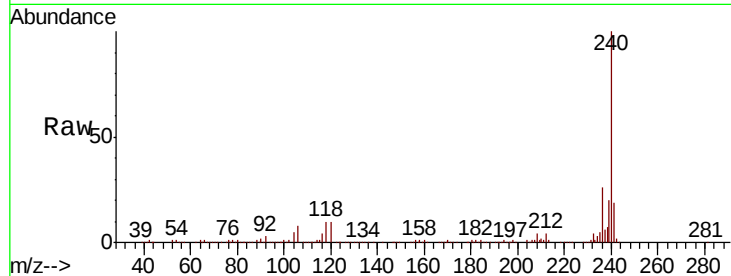
Tot Ion:240 Resp: 337923

Ion Ratio Lower Upper

240 100

120 10.5 7.1 10.7

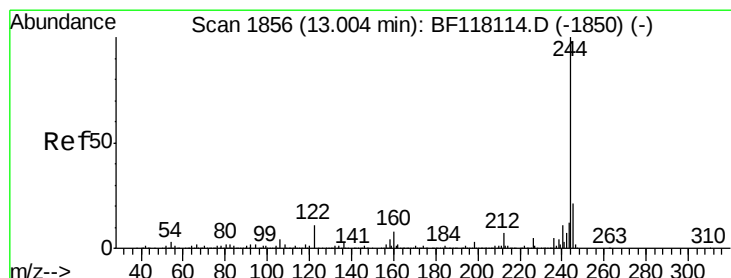
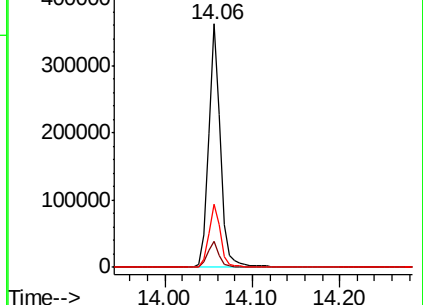
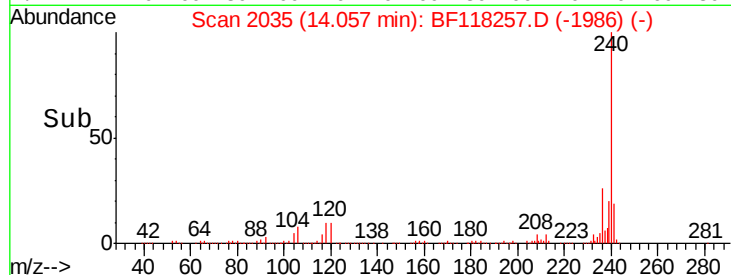
236 25.8 21.0 31.6



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: 74.768 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118257.D

Acq: 18 Dec 2019 14:24

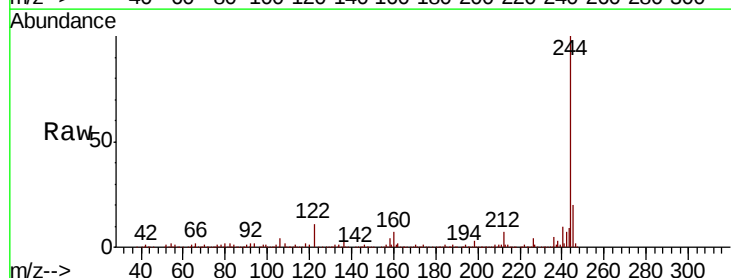
Tgt Ion:244 Resp: 1469266

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

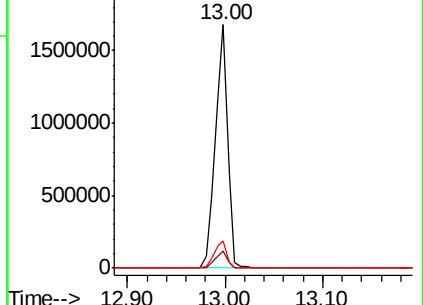
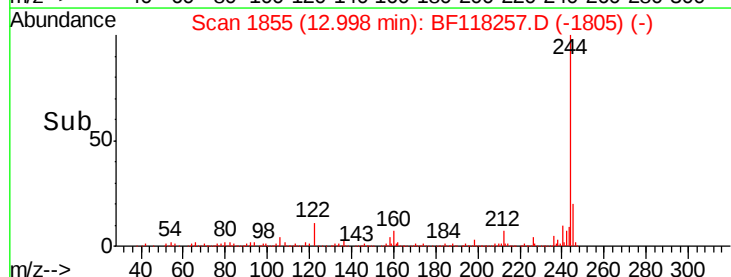
122 11.1 9.0 13.6

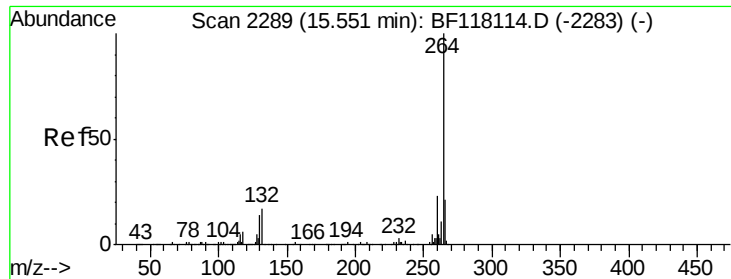


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 2289  
Delta R.T. 0.00 min  
Lab File: BF118257.D  
Acq: 18 Dec 2019 14:24

Instrument :  
BNA\_F  
ClientSampleId :  
EP-15

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 18.6  | 28.0  |
| 265     | 19.8  | 16.8  | 25.2  |

