

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\  
 Data File : BF117332.D  
 Acq On : 3 Oct 2019 22:25  
 Operator : JU  
 Sample : K5128-01RE  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1ARE

Quant Time: Oct 04 04:56:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

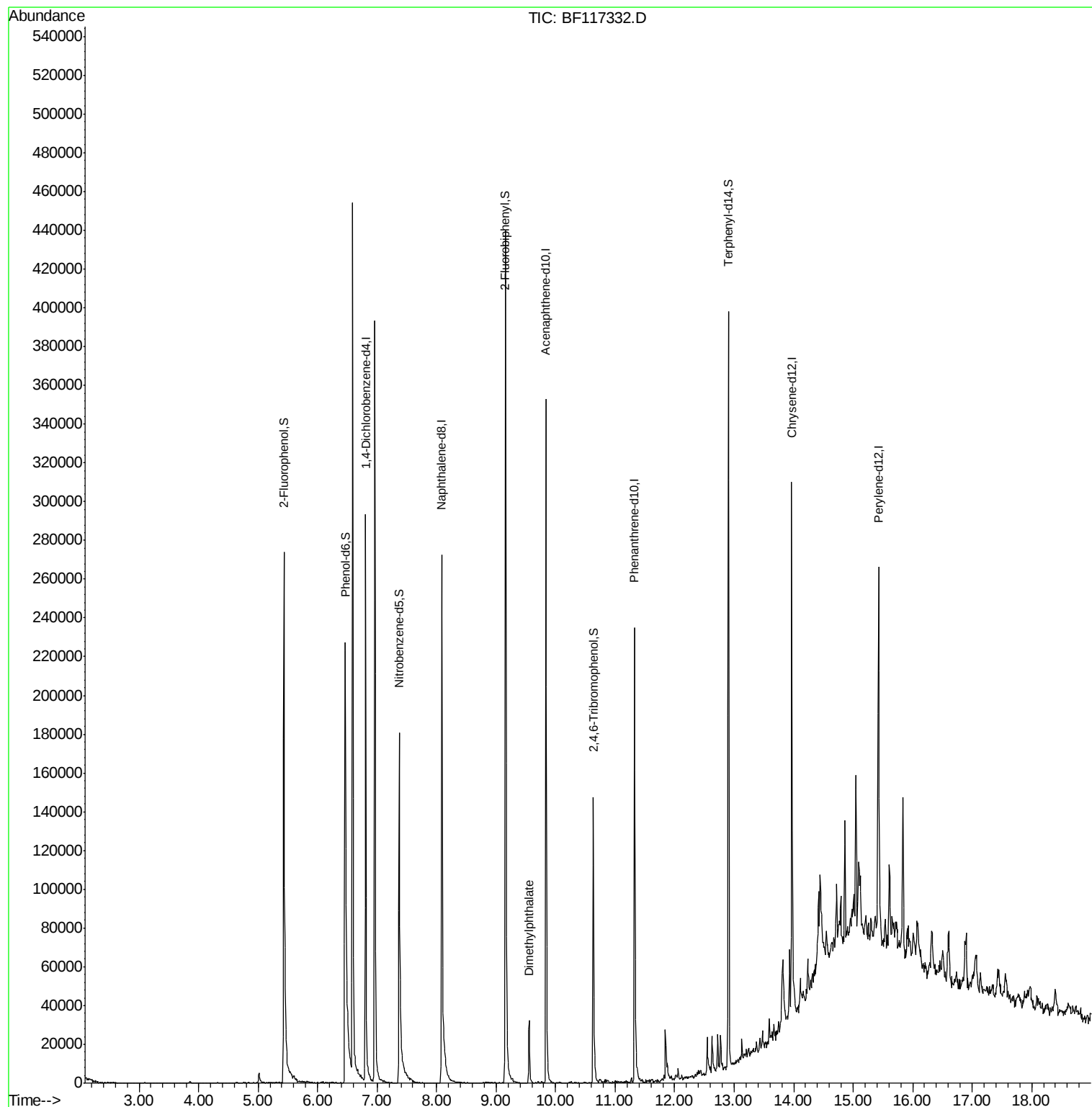
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 50423    | 20.00 | ng    | -0.02     |
| 21) Naphthalene-d8          | 8.09  | 136  | 197073   | 20.00 | ng    | -0.02     |
| 39) Acenaphthene-d10        | 9.84  | 164  | 80149    | 20.00 | ng    | -0.02     |
| 64) Phenanthrene-d10        | 11.33 | 188  | 101029   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 13.97 | 240  | 95385    | 20.00 | ng    | 0.00      |
| 87) Perylene-d12            | 15.43 | 264  | 87975    | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.43  | 112  | 116352   | 36.03 | ng    | 0.00      |
| 7) Phenol-d6                | 6.46  | 99   | 174290   | 41.76 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 99092    | 26.42 | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 10.63 | 330  | 22175    | 33.10 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.16  | 172  | 183265   | 35.75 | ng    | -0.02     |
| 79) Terphenyl-d14           | 12.90 | 244  | 131003   | 25.67 | ng    | -0.01     |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.56  | 163  | 17880    | 3.151 | ng    | Qvalue 99 |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 13 16:23:17 2019  
Response via : Initial Calibration



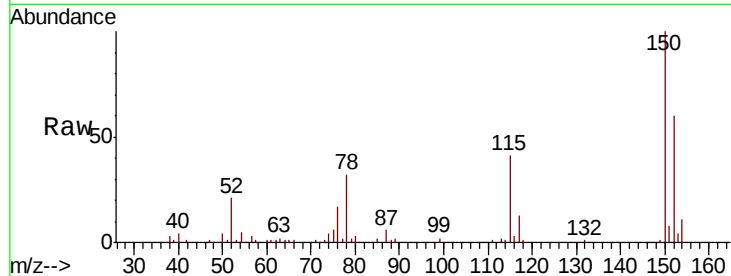


#1

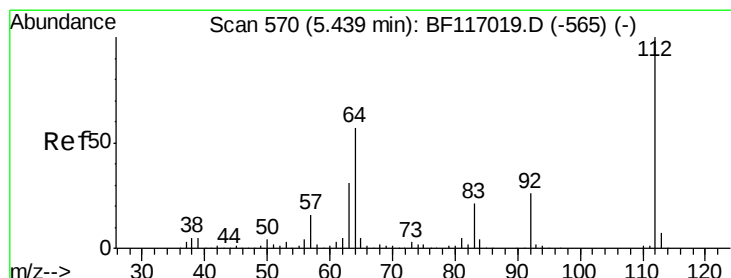
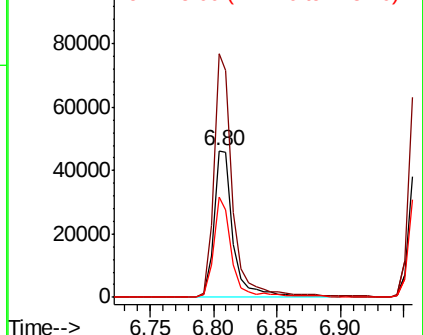
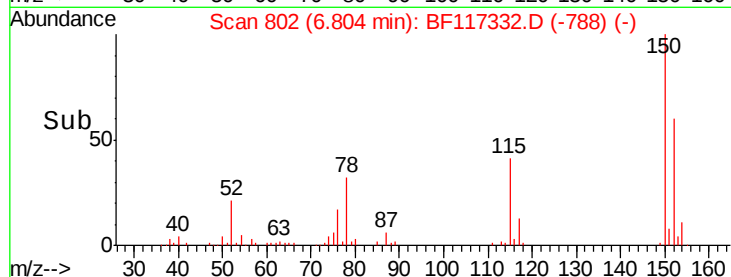
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. -0.02 min  
Lab File: BF117332.D  
Acq: 3 Oct 2019 22:25

Instrument :  
BNA\_F  
ClientSampleId :  
SB-1ARE

Tot Ion:152 Resp: 50423  
Ion Ratio Lower Upper  
152 100  
150 166.0 127.5 191.3  
115 68.1 55.0 82.4



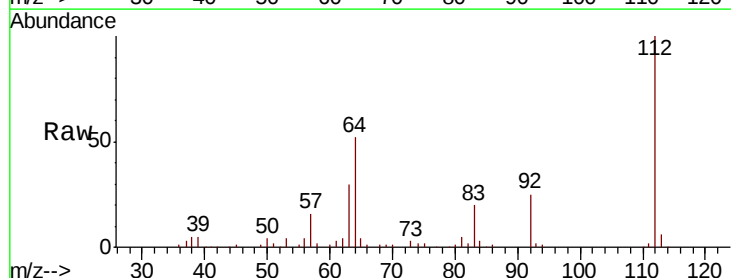
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



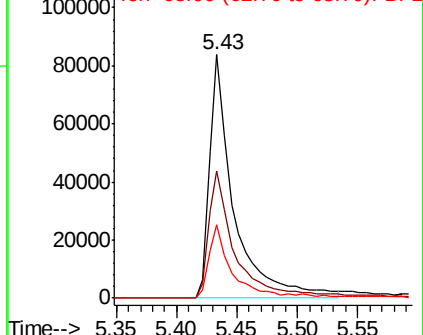
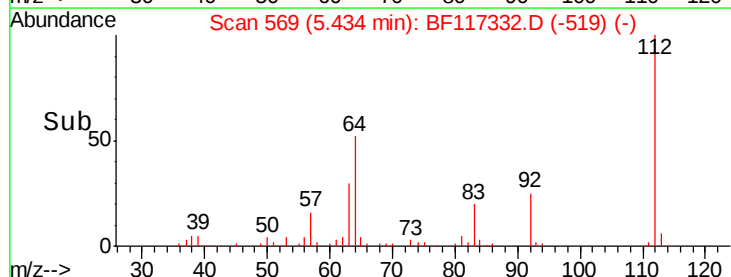
#5

2-Fluorophenol  
Concen: 36.026 ng  
RT: 5.43 min Scan# 569  
Delta R.T. -0.01 min  
Lab File: BF117332.D  
Acq: 3 Oct 2019 22:25

Tgt Ion:112 Resp: 116352  
Ion Ratio Lower Upper  
112 100  
64 52.4 45.7 68.5  
63 30.0 24.9 37.3



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: 41.757 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117332.D

Acq: 3 Oct 2019 22:25

Instrument :

BNA\_F

ClientSampleId :

SB-1ARE

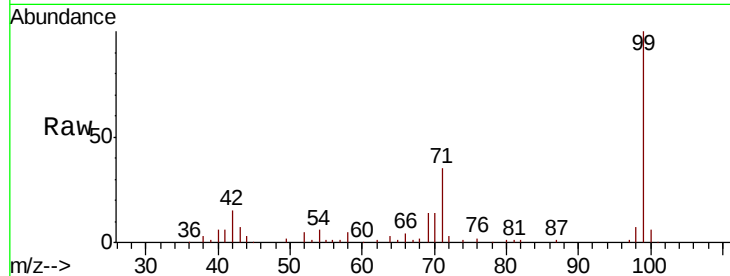
Tot Ion: 99 Resp: 174290

Ion Ratio Lower Upper

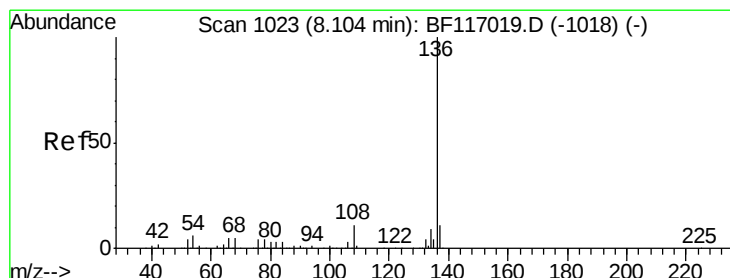
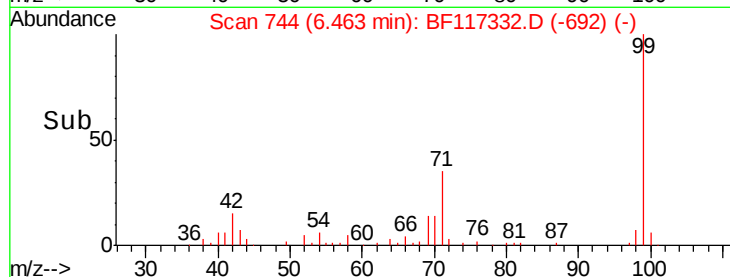
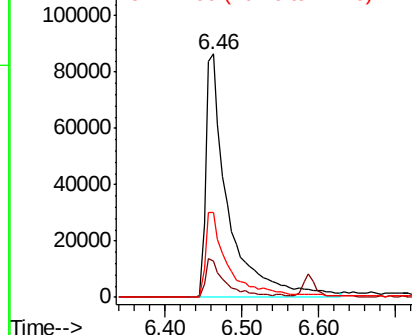
99 100

42 14.7 12.2 18.2

71 35.1 29.8 44.8



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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117332.D

Acq: 3 Oct 2019 22:25

Tgt Ion: 136 Resp: 197073

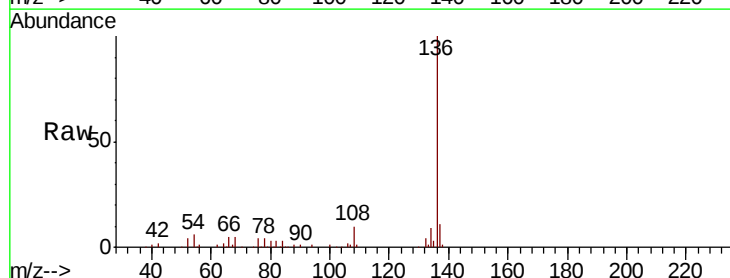
Ion Ratio Lower Upper

136 100

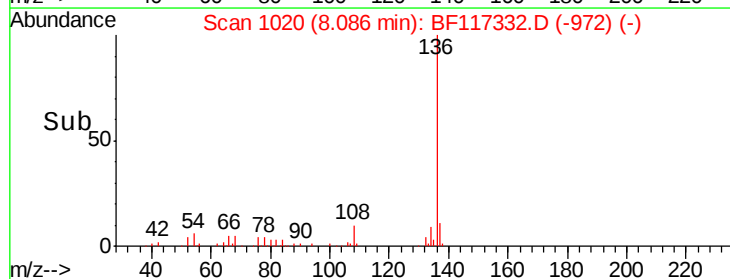
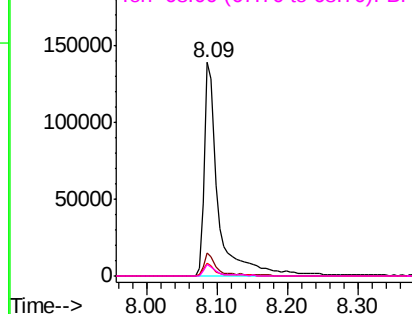
137 10.9 9.0 13.4

54 5.9 4.5 6.7

68 5.2 4.0 6.0



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

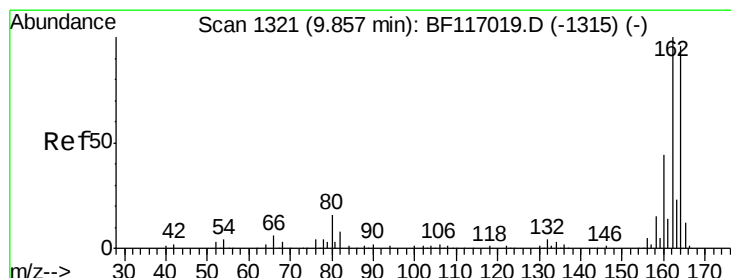
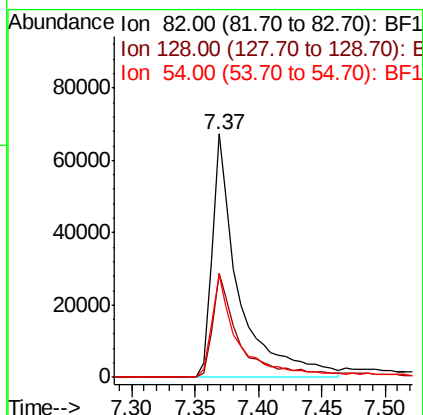
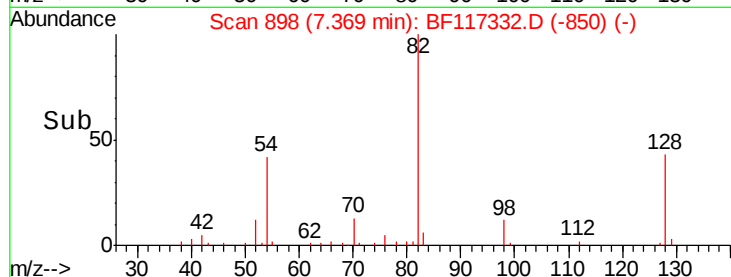
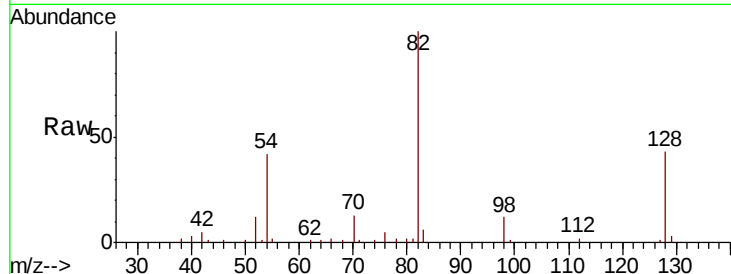




#23  
 Nitrobenzene-d5  
 Concen: 26.419 ng  
 RT: 7.37 min Scan# 898  
 Delta R.T. -0.02 min  
 Lab File: BF117332.D  
 Acq: 3 Oct 2019 22:25

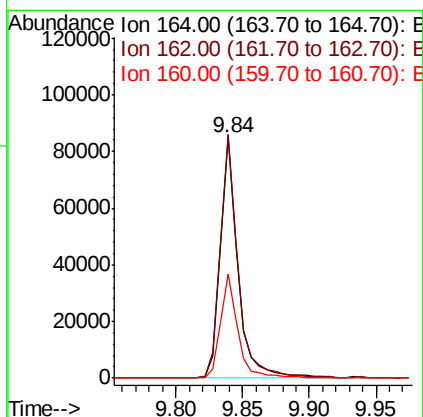
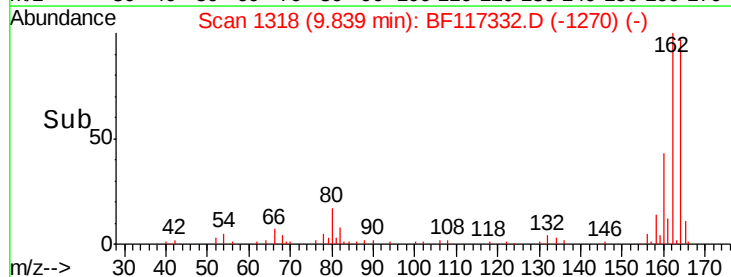
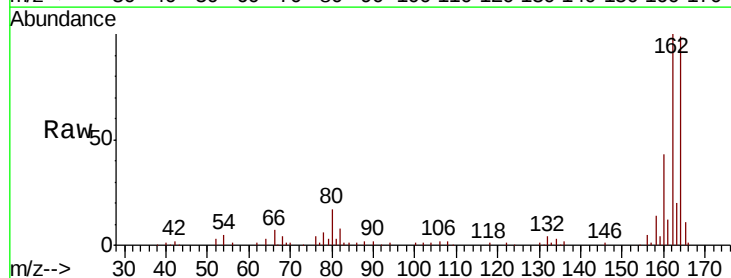
Instrument :  
 BNA\_F  
 ClientSampled :  
 SB-1ARE

Tot Ion: 82 Resp: 99092  
 Ion Ratio Lower Upper  
 82 100  
 128 42.8 32.3 48.5  
 54 42.0 33.3 49.9



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.84 min Scan# 1318  
 Delta R.T. -0.02 min  
 Lab File: BF117332.D  
 Acq: 3 Oct 2019 22:25

Tgt Ion:164 Resp: 80149  
 Ion Ratio Lower Upper  
 164 100  
 162 101.2 83.4 125.2  
 160 43.1 36.4 54.6

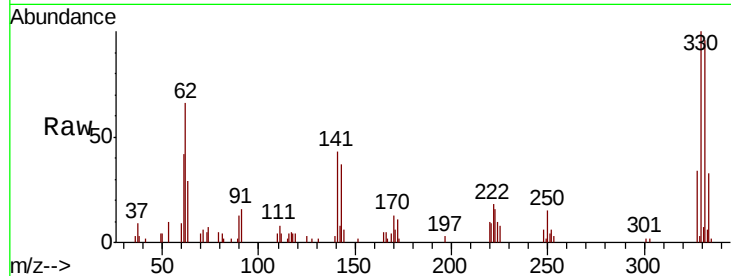




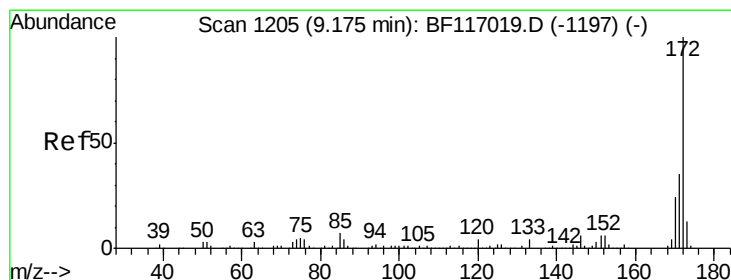
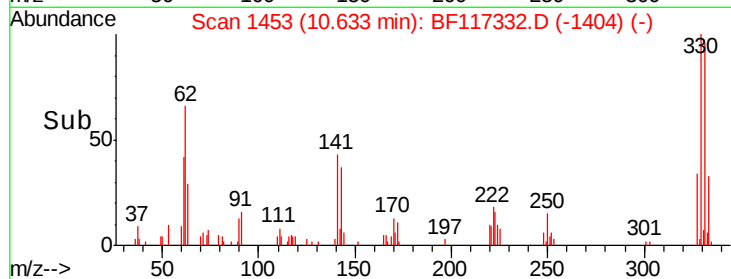
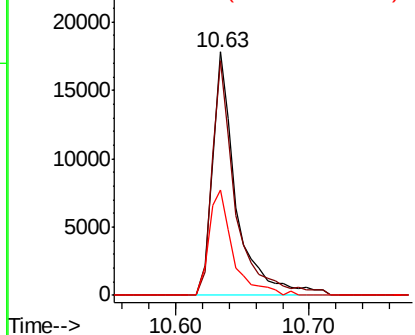
#42  
 2,4,6-Tribromophenol  
 Concen: 33.104 ng  
 RT: 10.63 min Scan# 1453  
 Delta R.T. -0.01 min  
 Lab File: BF117332.D  
 Acq: 3 Oct 2019 22:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1ARE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.2  | 78.0  | 117.0 |
| 141     | 44.0  | 35.8  | 53.6  |

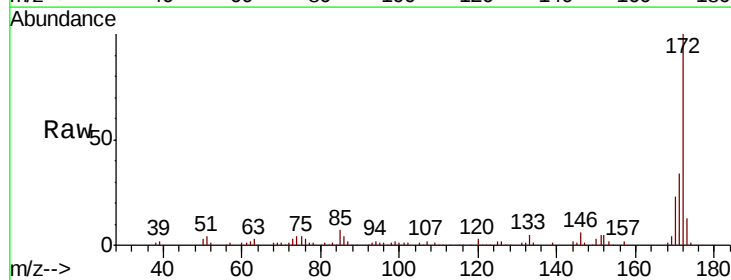


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

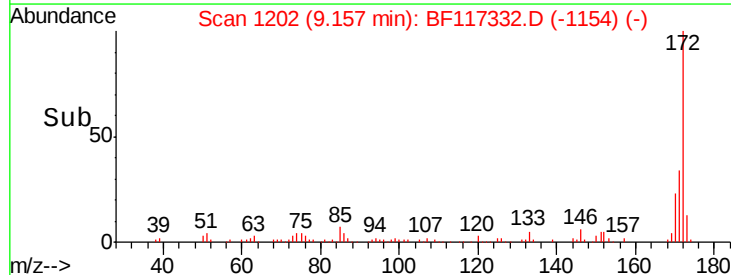
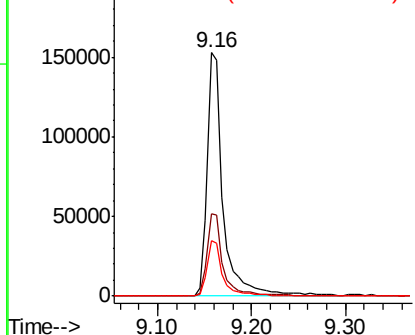


#45  
 2-Fluorobiphenyl  
 Concen: 35.752 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.02 min  
 Lab File: BF117332.D  
 Acq: 3 Oct 2019 22:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.0  | 28.2  | 42.2  |
| 170     | 22.5  | 18.9  | 28.3  |



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

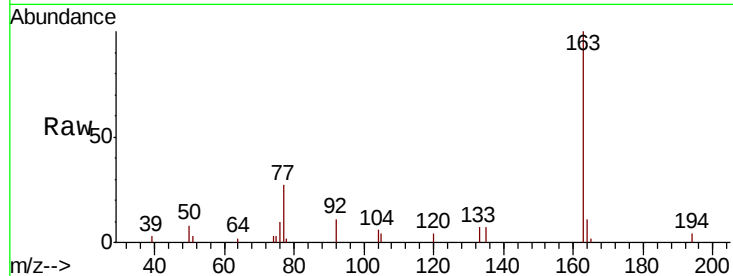




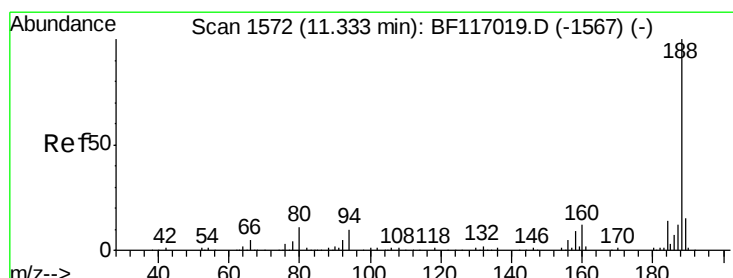
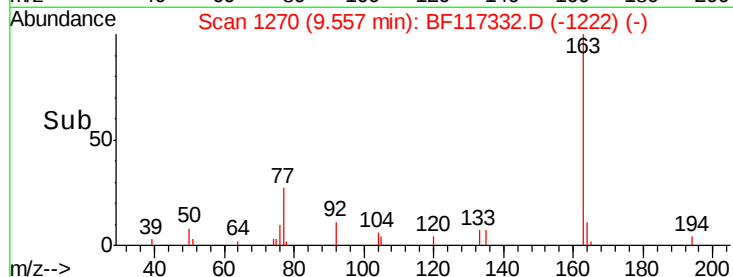
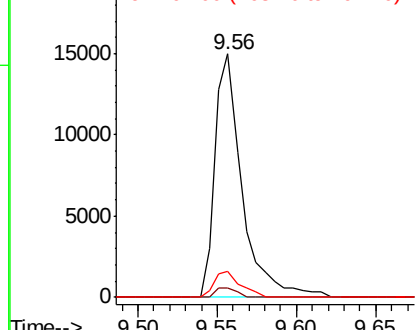
#50  
Dimethylphthalate  
Concen: 3.151 ng  
RT: 9.56 min Scan# 1270  
Delta R.T. -0.02 min  
Lab File: BF117332.D  
Acq: 3 Oct 2019 22:25

Instrument :  
BNA\_F  
ClientSampleId :  
SB-1ARE

Tot Ion:163 Resp: 17880  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.9 4.3  
164 10.7 8.2 12.4

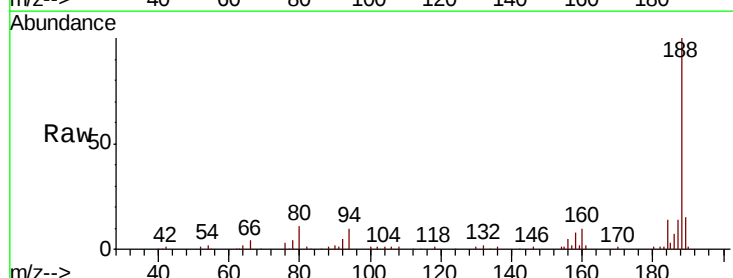


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

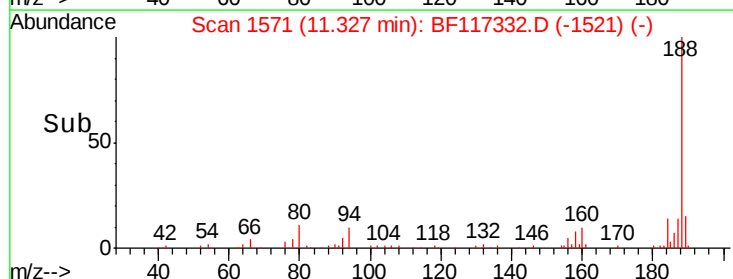
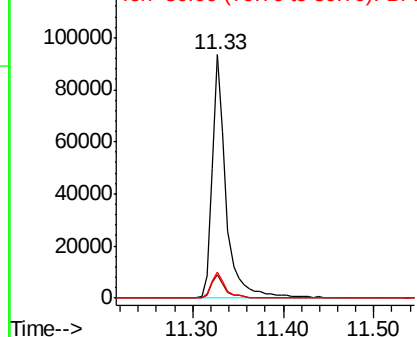


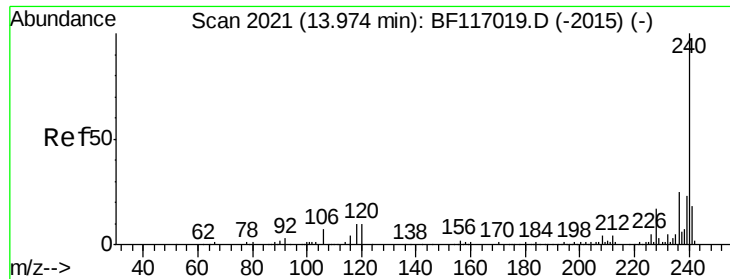
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1571  
Delta R.T. -0.01 min  
Lab File: BF117332.D  
Acq: 3 Oct 2019 22:25

Tgt Ion:188 Resp: 101029  
Ion Ratio Lower Upper  
188 100  
94 9.5 8.2 12.2  
80 10.8 9.0 13.6



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

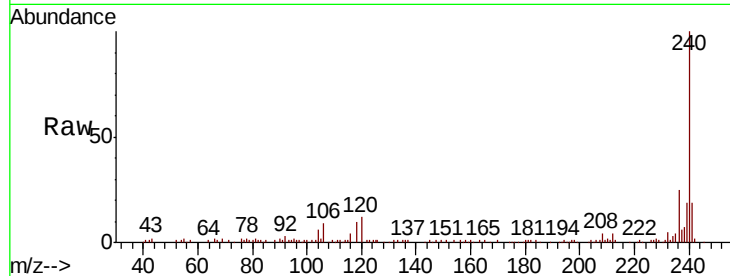




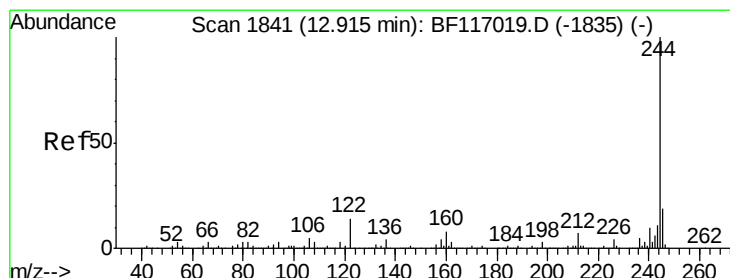
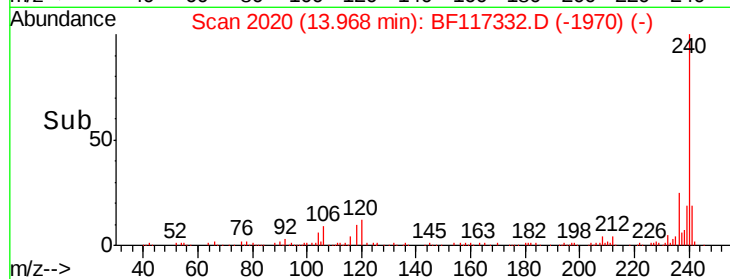
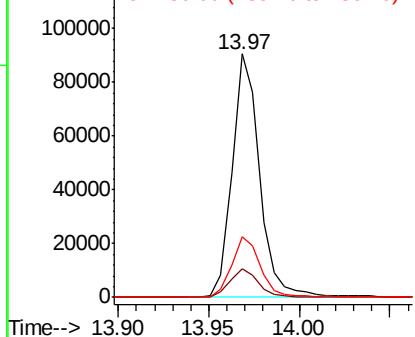
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. -0.01 min  
Lab File: BF117332.D  
Acq: 3 Oct 2019 22:25

Instrument :  
BNA\_F  
ClientSampleId :  
SB-1ARE

Tot Ion:240 Resp: 95385  
Ion Ratio Lower Upper  
240 100  
120 11.6 8.3 12.5  
236 24.7 20.3 30.5

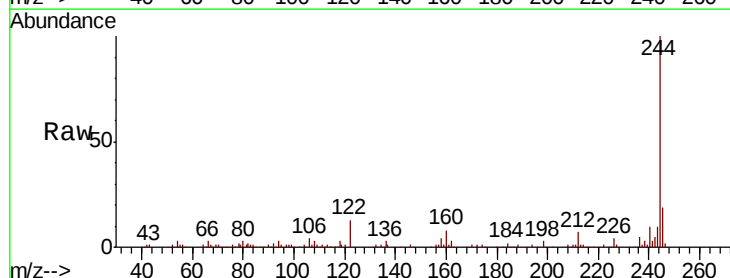


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

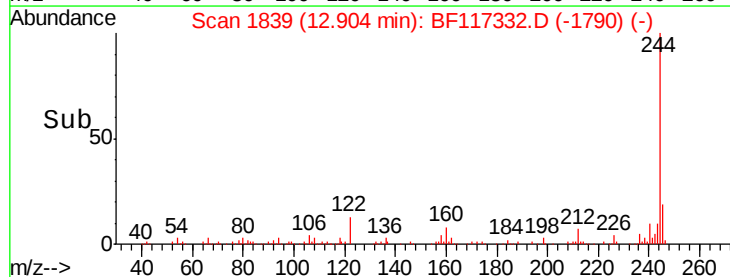
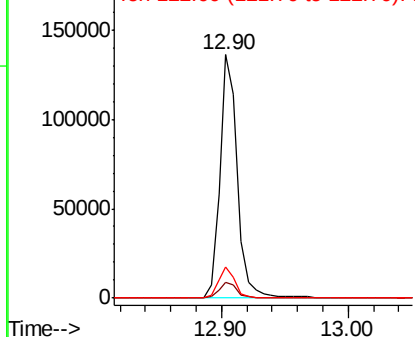


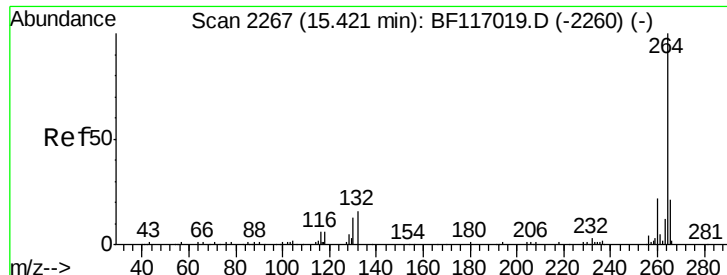
#79  
Terphenyl-d14  
Concen: 25.672 ng  
RT: 12.90 min Scan# 1839  
Delta R.T. -0.01 min  
Lab File: BF117332.D  
Acq: 3 Oct 2019 22:25

Tgt Ion:244 Resp: 131003  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.8 8.8  
122 12.9 11.3 16.9



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: 15.43 min Scan# 2268  
 Delta R.T. 0.01 min  
 Lab File: BF117332.D  
 Acq: 3 Oct 2019 22:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1ARE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 17.6  | 26.4  |
| 265     | 22.0  | 16.6  | 24.8  |

