

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\  
 Data File : BF114957.D  
 Acq On : 11 Jun 2019 21:35  
 Operator : HP/JU  
 Sample : K3265-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-04-COMP

Quant Time: Jun 12 05:17:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 10 16:44:00 2019  
 Response via : Initial Calibration

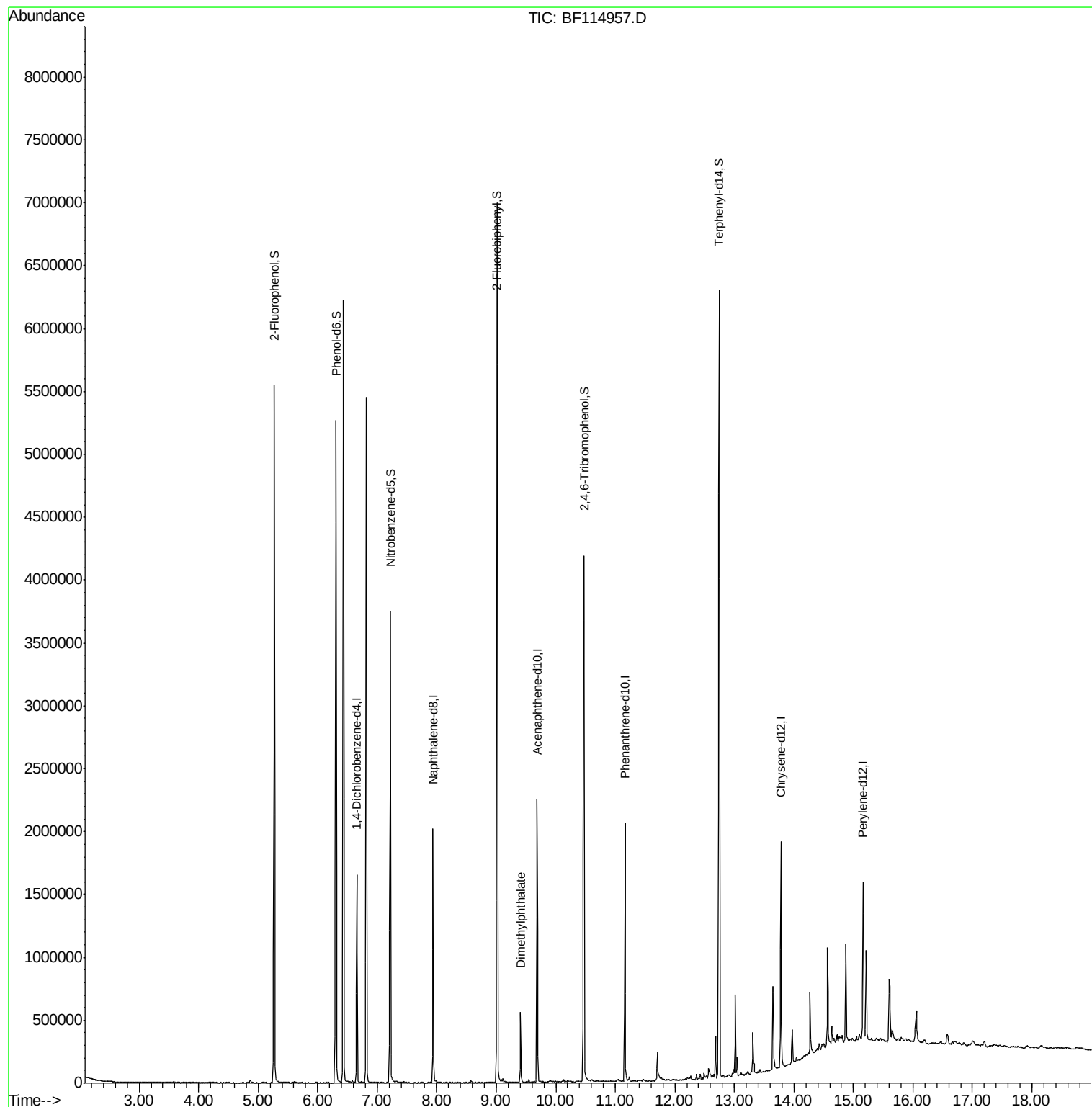
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.66  | 152  | 231192   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 7.94  | 136  | 875382   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.69  | 164  | 415006   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.16 | 188  | 762815   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.78 | 240  | 574651   | 20.00  | ng    | -0.01        |
| 87) Perylene-d12            | 15.16 | 264  | 549176   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.27  | 112  | 1782293  | 130.47 | ng    | 0.00         |
| 7) Phenol-d6                | 6.31  | 99   | 2178484  | 132.21 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.22  | 82   | 1366753  | 95.93  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.47 | 330  | 557931   | 123.59 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.02  | 172  | 2332799  | 89.21  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.74 | 244  | 2245839  | 77.72  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.41  | 163  | 235259   | 7.542  | ng    | Qvalue<br>97 |

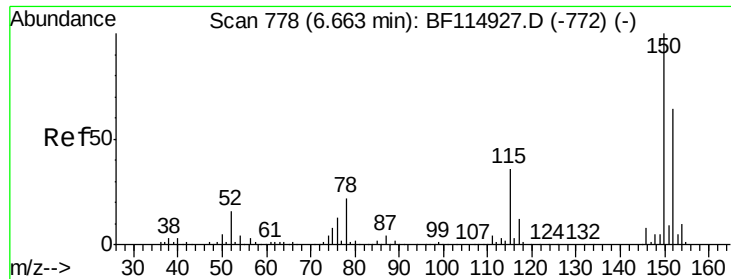
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_F  
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B-04-COMP

Quant Time: Jun 12 05:17:39 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 10 16:44:00 2019  
Response via : Initial Calibration



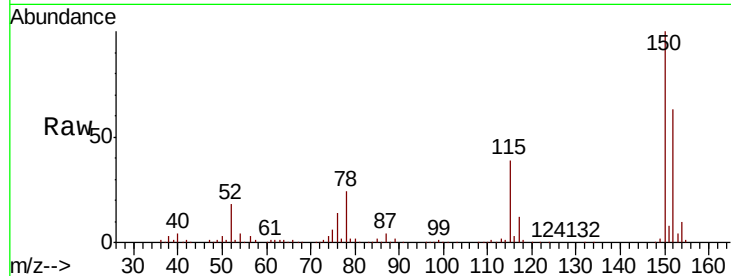


#1

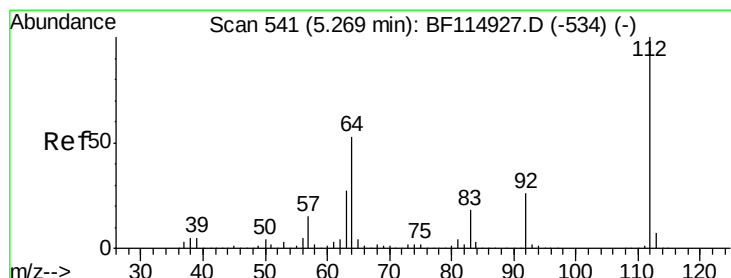
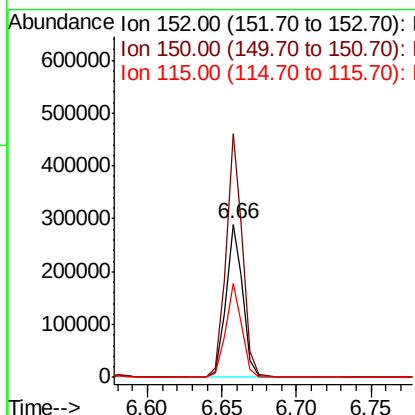
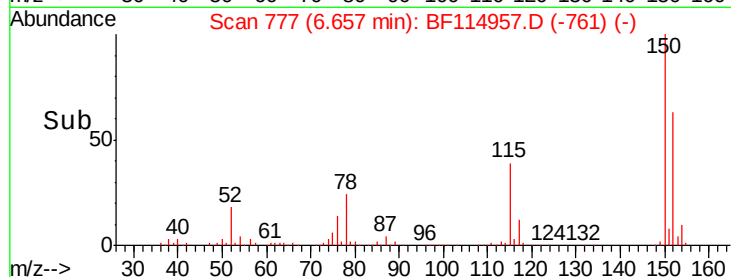
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.66 min Scan# 777  
Delta R.T. -0.01 min  
Lab File: BF114957.D  
Acq: 11 Jun 2019 21:35

Instrument :  
BNA\_F  
ClientSampleId :  
B-04-COMP

Tot Ion:152 Resp: 231192  
Ion Ratio Lower Upper  
152 100  
150 159.0 125.2 187.8  
115 61.3 45.0 67.4



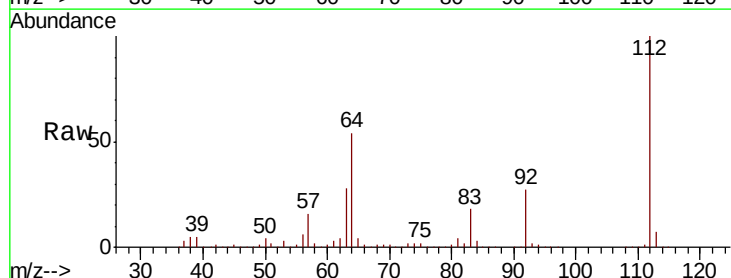
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



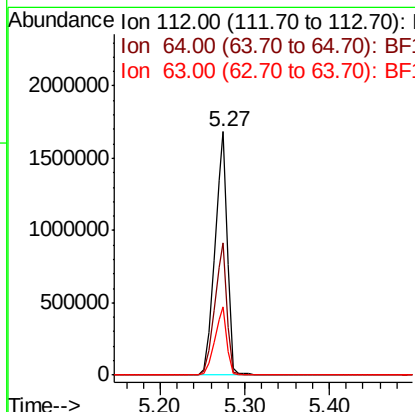
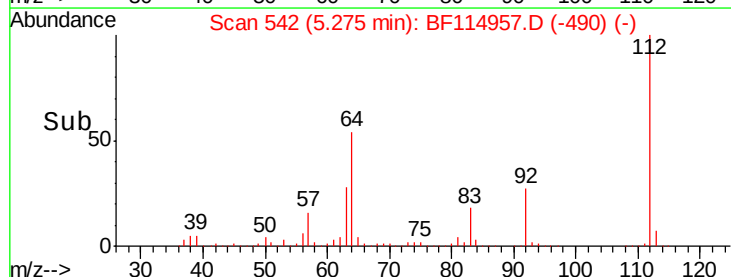
#5

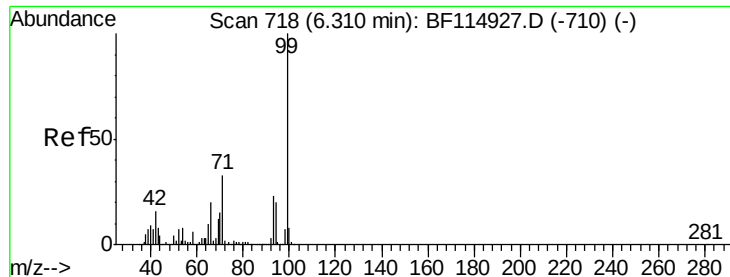
2-Fluorophenol  
Concen: 130.471 ng  
RT: 5.27 min Scan# 542  
Delta R.T. 0.01 min  
Lab File: BF114957.D  
Acq: 11 Jun 2019 21:35

Tgt Ion:112 Resp: 1782293  
Ion Ratio Lower Upper  
112 100  
64 54.4 42.1 63.1  
63 27.9 21.8 32.8



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: 132.212 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

Instrument :

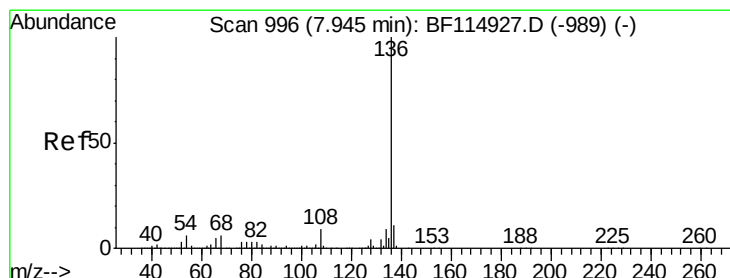
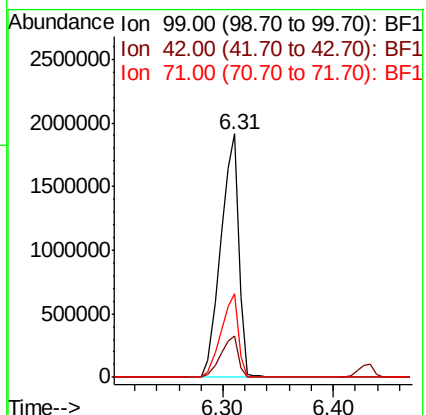
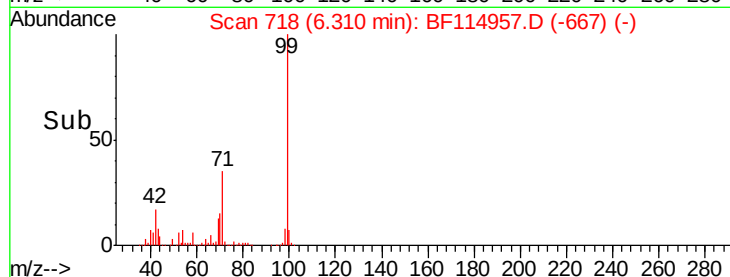
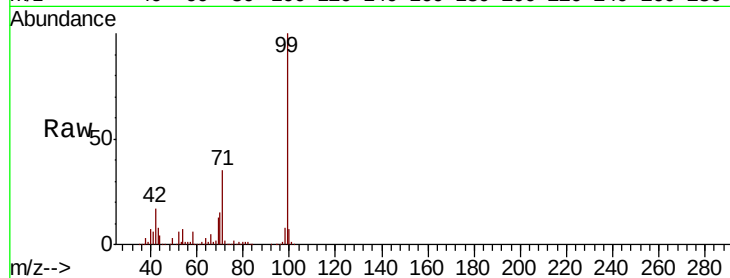
BNA\_F

ClientSampleId :

B-04-COMP

Tot Ion: 99 Resp: 2178484

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.0  | 13.1  | 19.7  |
| 71  | 34.5  | 26.8  | 40.2  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

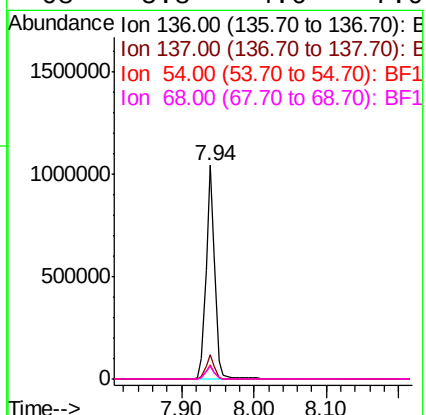
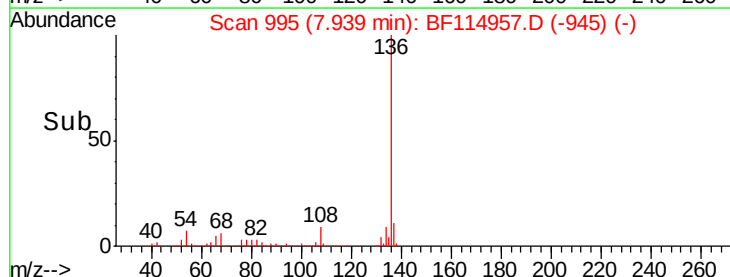
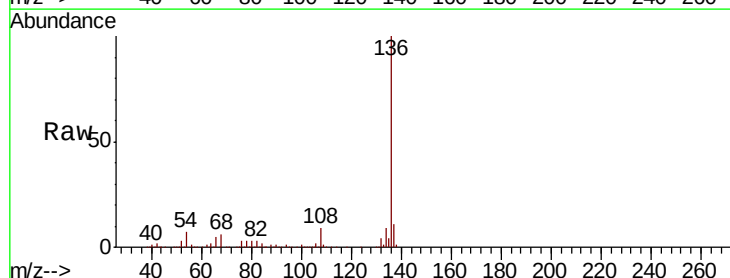
Delta R.T. -0.01 min

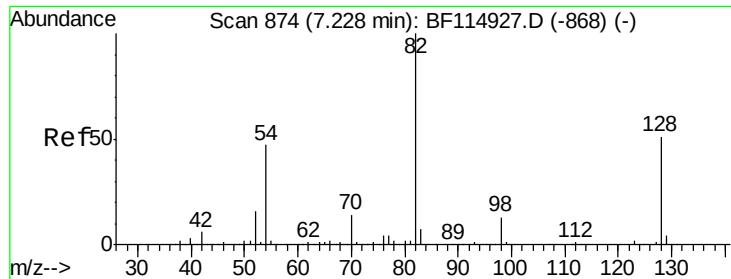
Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

Tgt Ion: 136 Resp: 875382

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 9.0   | 13.6  |
| 54  | 6.7   | 5.2   | 7.8   |
| 68  | 5.8   | 4.6   | 7.0   |



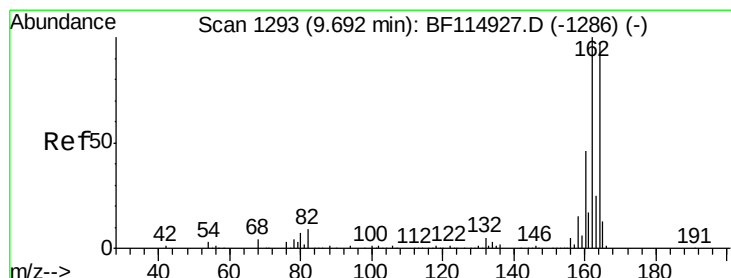
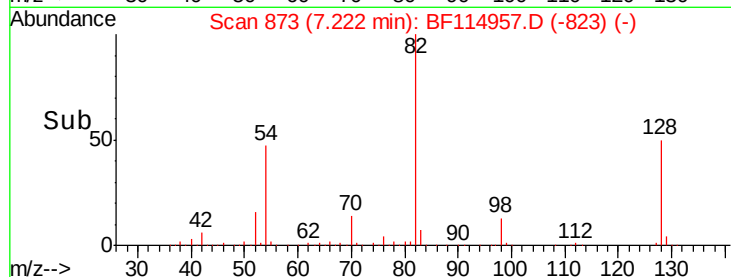
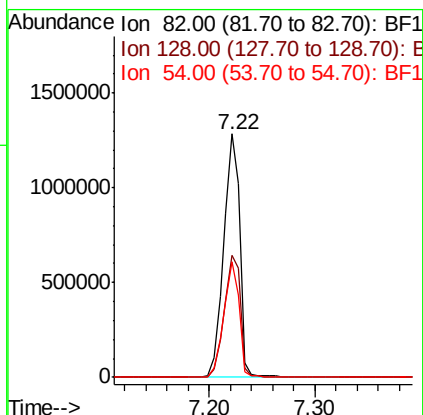
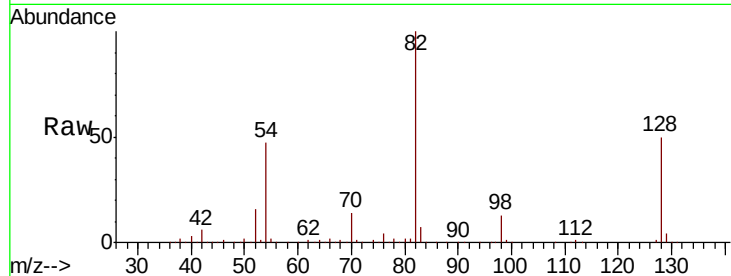


#23  
 Nitrobenzene-d5  
 Concen: 95.931 ng  
 RT: 7.22 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: BF114957.D  
 Acq: 11 Jun 2019 21:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-04-COMP

Tot Ion: 82 Resp: 1366753  

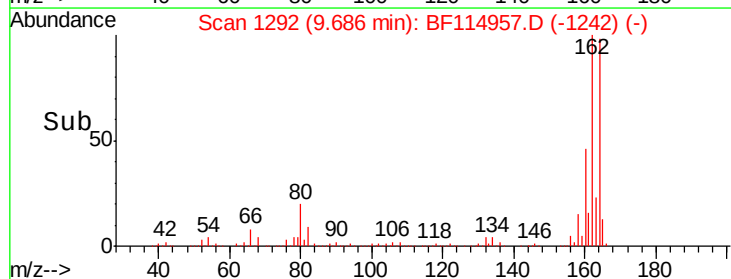
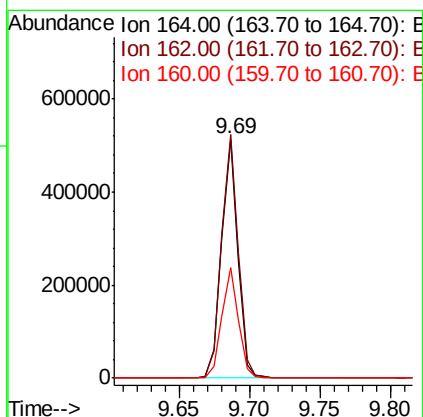
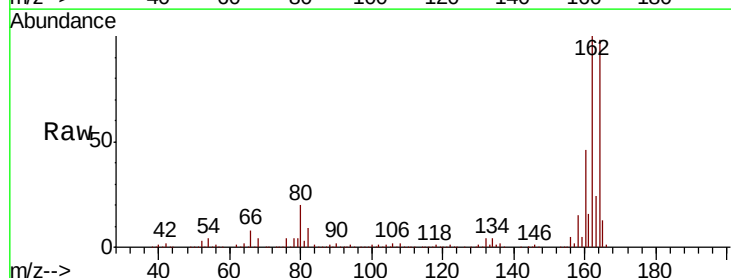
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 50.2  | 40.9  | 61.3  |
| 54  | 47.4  | 37.4  | 56.0  |

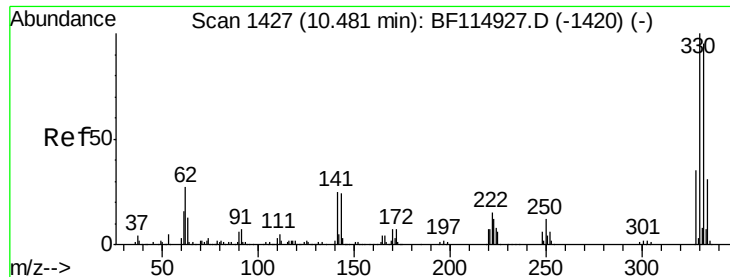


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.69 min Scan# 1292  
 Delta R.T. -0.01 min  
 Lab File: BF114957.D  
 Acq: 11 Jun 2019 21:35

Tgt Ion: 164 Resp: 415006  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.0 | 82.4  | 123.6 |
| 160 | 46.4  | 37.5  | 56.3  |





#42

2,4,6-Tribromophenol

Concen: 123.587 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

Instrument :

BNA\_F

ClientSampleId :

B-04-COMP

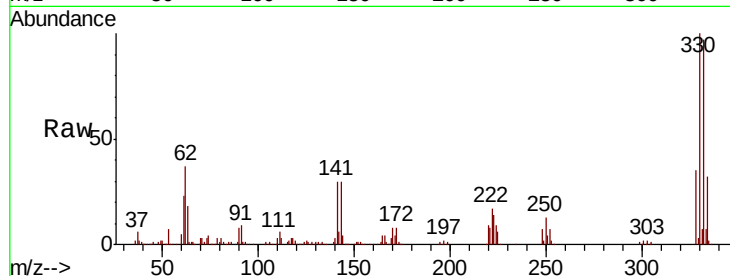
Tot Ion:330 Resp: 557931

Ion Ratio Lower Upper

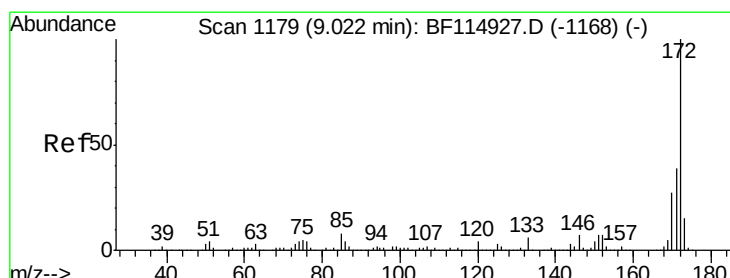
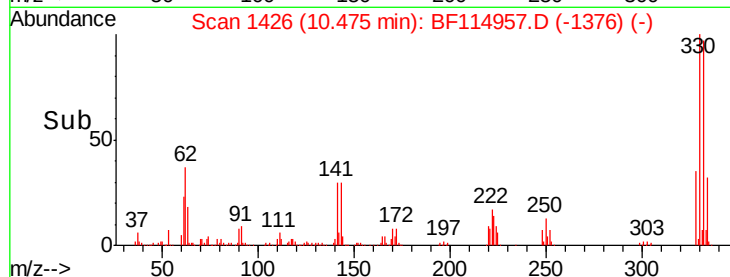
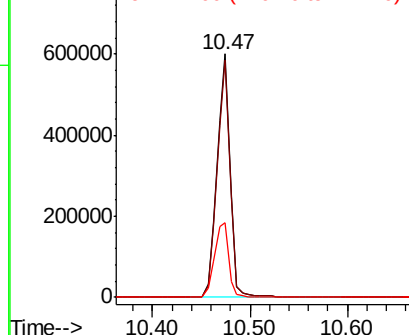
330 100

332 97.7 76.4 114.6

141 33.7 26.8 40.2



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: 89.211 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

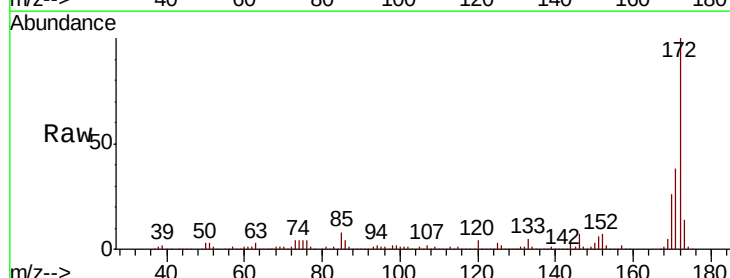
Tgt Ion:172 Resp: 2332799

Ion Ratio Lower Upper

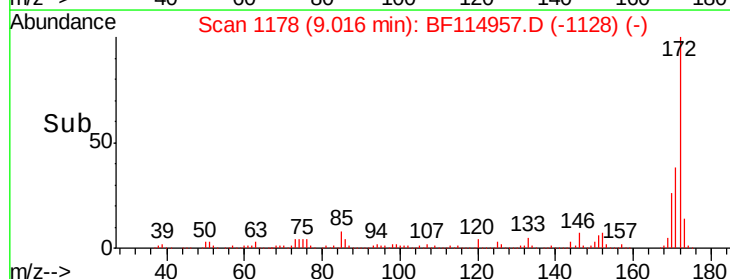
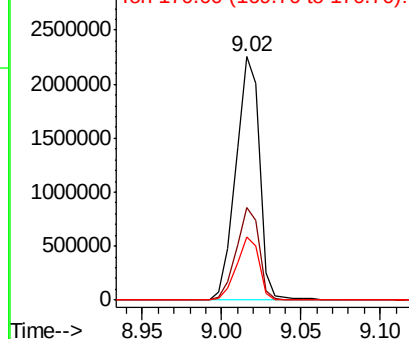
172 100

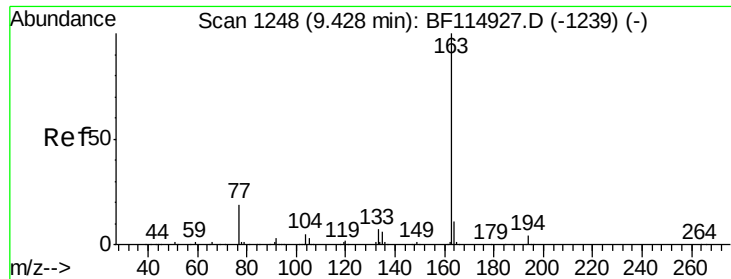
171 38.0 31.3 46.9

170 25.8 21.4 32.0



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

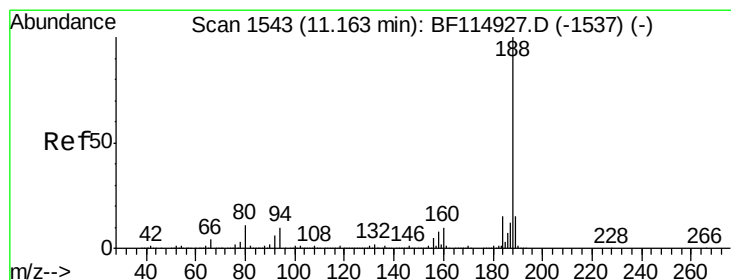
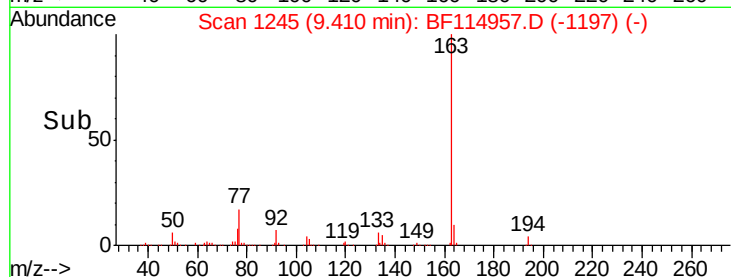
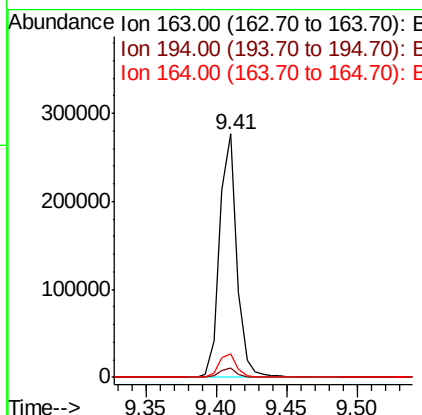
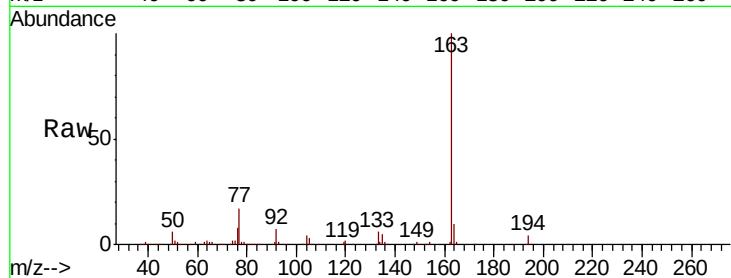




#50  
Dimethylphthalate  
Concen: 7.542 ng  
RT: 9.41 min Scan# 1245  
Delta R.T. -0.02 min  
Lab File: BF114957.D  
Acq: 11 Jun 2019 21:35

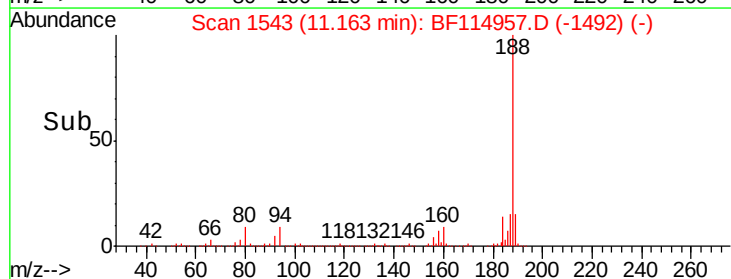
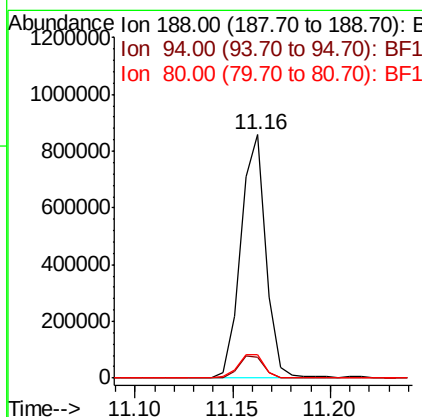
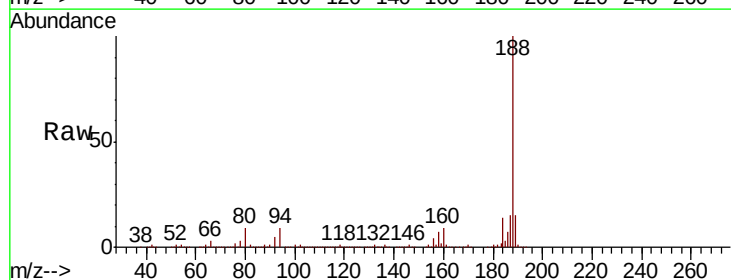
Instrument :  
BNA\_F  
ClientSampleId :  
B-04-COMP

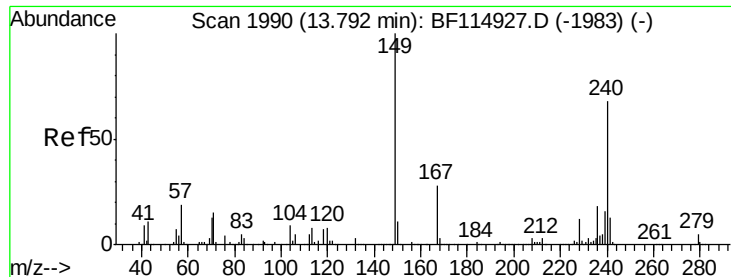
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 163   | Resp: | 235259 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 3.8   | 3.4   | 5.0    |
| 164      | 9.6   | 8.7   | 13.1   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.16 min Scan# 1543  
Delta R.T. -0.00 min  
Lab File: BF114957.D  
Acq: 11 Jun 2019 21:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 762815 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.8   | 8.1   | 12.1   |
| 80       | 9.4   | 8.6   | 12.8   |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

Instrument :

BNA\_F

ClientSampleId :

B-04-COMP

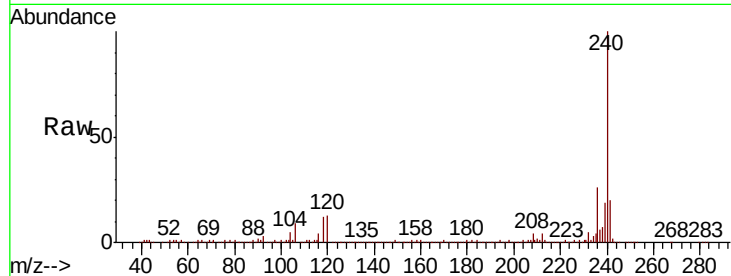
Tot Ion:240 Resp: 574651

Ion Ratio Lower Upper

240 100

120 13.5 9.2 13.8

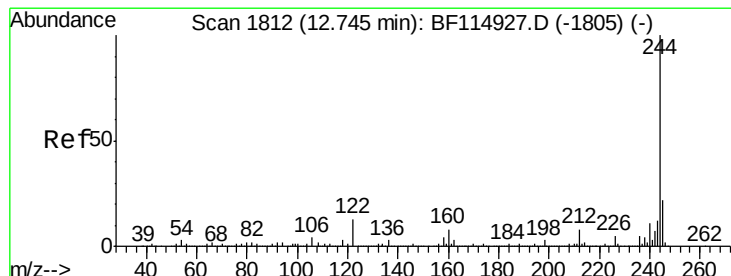
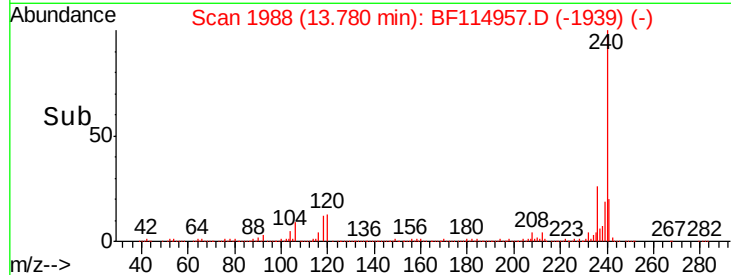
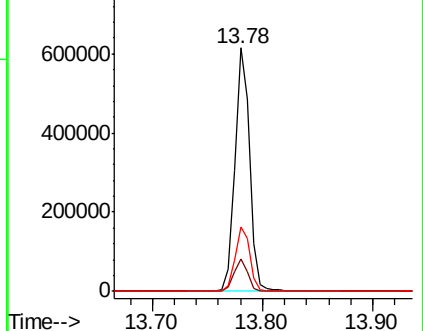
236 26.3 21.7 32.5



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: 77.722 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

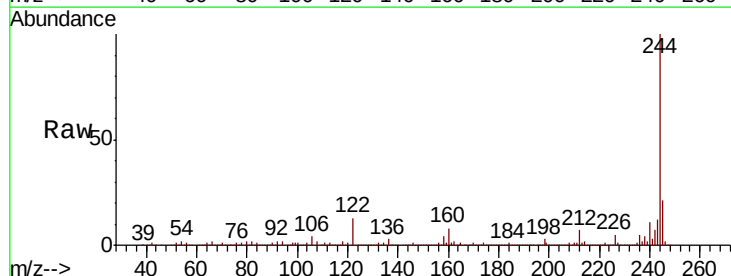
Tgt Ion:244 Resp: 2245839

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

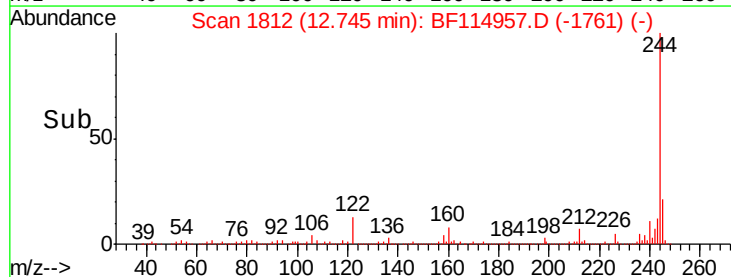
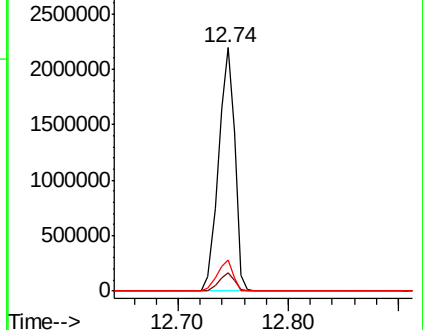
122 12.6 10.2 15.4



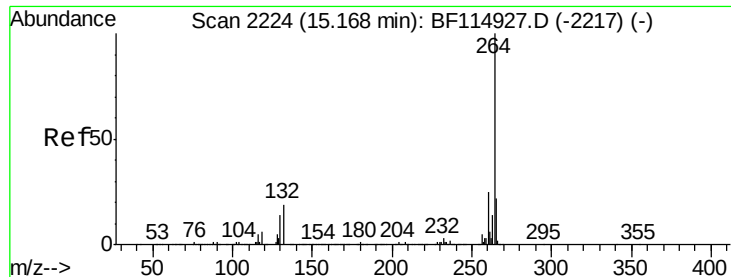
Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.16 min Scan# 2223  
Delta R.T. -0.01 min  
Lab File: BF114957.D  
Acq: 11 Jun 2019 21:35

Instrument :  
BNA\_F  
ClientSampleId :  
B-04-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.8  | 19.7  | 29.5  |
| 265     | 21.9  | 17.5  | 26.3  |

