

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\  
 Data File : BF116905.D  
 Acq On : 9 Sep 2019 19:12  
 Operator : HP/JU  
 Sample : K4752-02  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07-COMP

Quant Time: Sep 10 03:26:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 20:02:30 2019  
 Response via : Initial Calibration

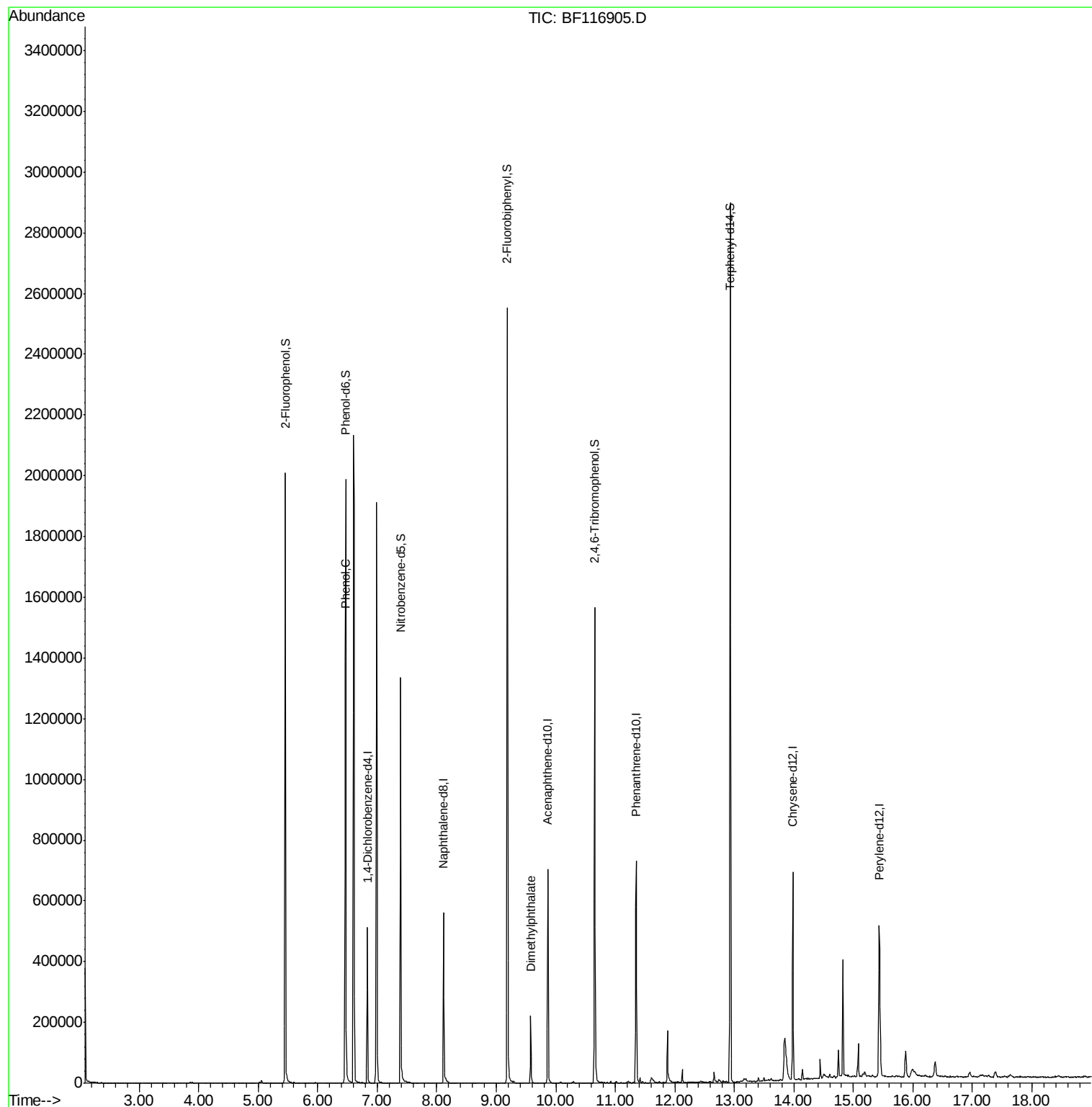
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 71718    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.12  | 136  | 286238   | 20.00  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 9.87  | 164  | 150948   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.35 | 188  | 272002   | 20.00  | ng    | -0.02    |
| 76) Chrysene-d12            | 13.98 | 240  | 230371   | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 15.43 | 264  | 221095   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 581940   | 131.46 | ng    | 0.00     |
| 7) Phenol-d6                | 6.47  | 99   | 792459   | 136.33 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 488389   | 97.40  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.66 | 330  | 184736   | 183.07 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.19  | 172  | 838588   | 93.72  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.93 | 244  | 936094   | 75.17  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.48  | 94   | 13979    | 2.172  | ng    | 88       |
| 50) Dimethylphthalate       | 9.58  | 163  | 100667   | 9.660  | ng    | 99       |

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

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BNA\_F  
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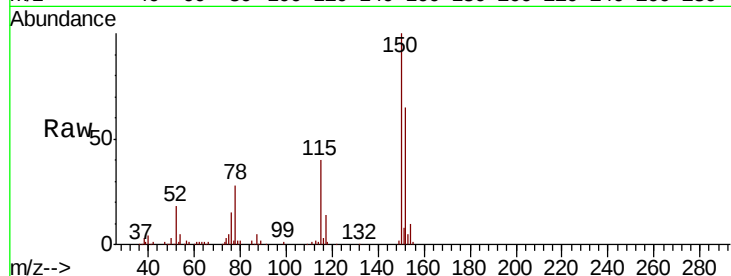


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 807  
Delta R.T. -0.02 min  
Lab File: BF116905.D  
Acq: 9 Sep 2019 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.7 | 124.4 | 186.6 |
| 115     | 61.8  | 49.9  | 74.9  |

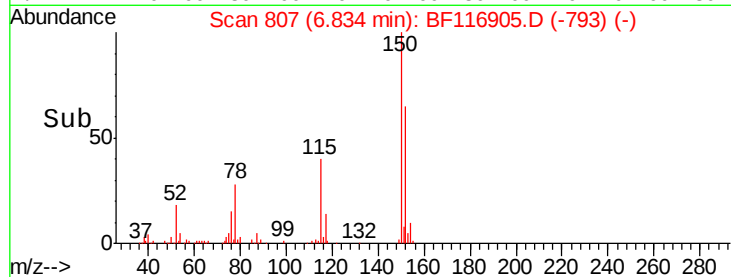
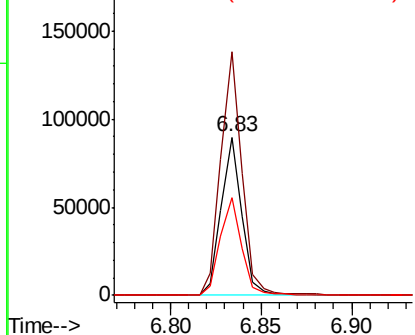


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

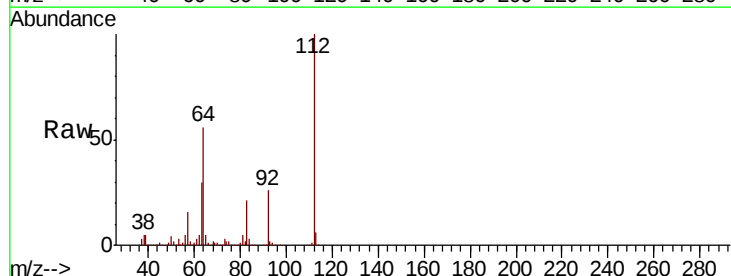
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 131.456 ng  
RT: 5.46 min Scan# 573  
Delta R.T. -0.01 min  
Lab File: BF116905.D  
Acq: 9 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.7  | 47.1  | 70.7  |
| 63      | 29.8  | 24.9  | 37.3  |

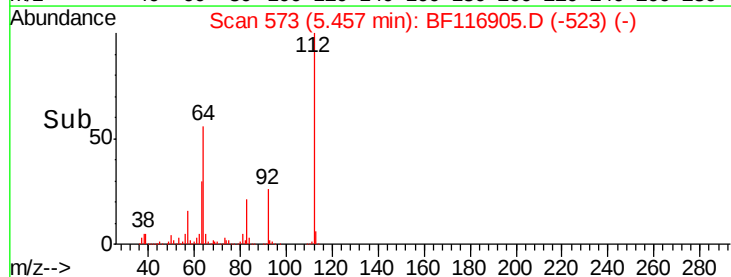
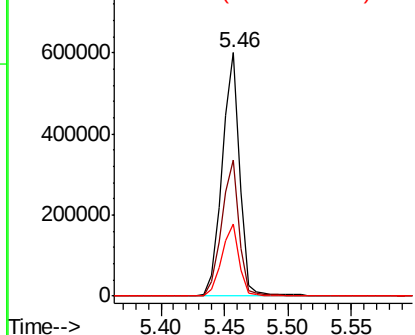


Abundance

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: 136.326 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116905.D

Acq: 9 Sep 2019 19:12

Instrument :

BNA\_F

ClientSampleId :

SB-07-COMP

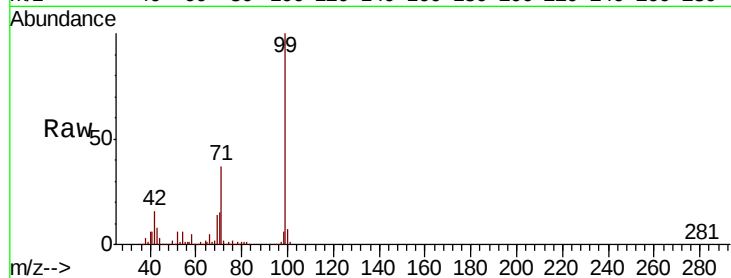
Tot Ion: 99 Resp: 792459

Ion Ratio Lower Upper

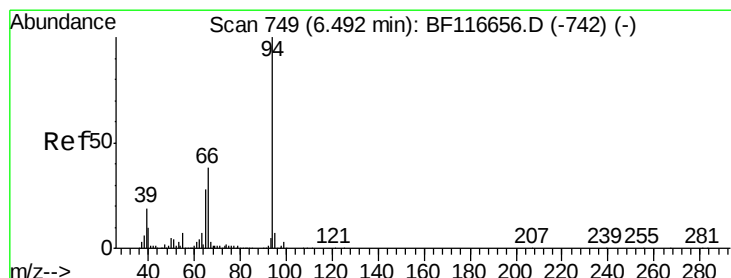
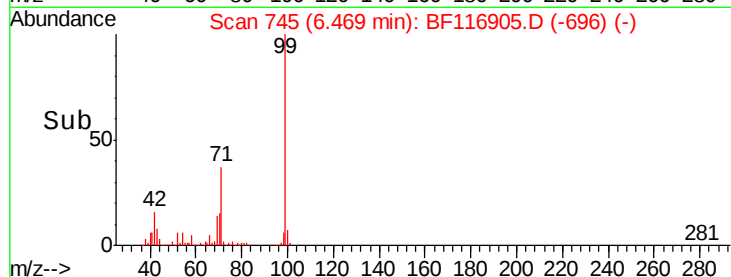
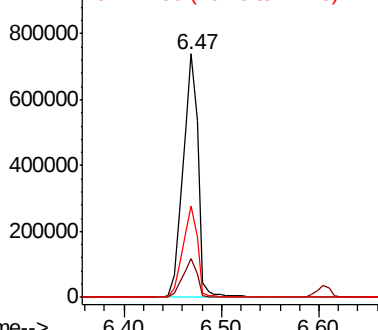
99 100

42 15.7 13.7 20.5

71 37.4 30.8 46.2



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



#10

Phenol

Concen: 2.172 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116905.D

Acq: 9 Sep 2019 19:12

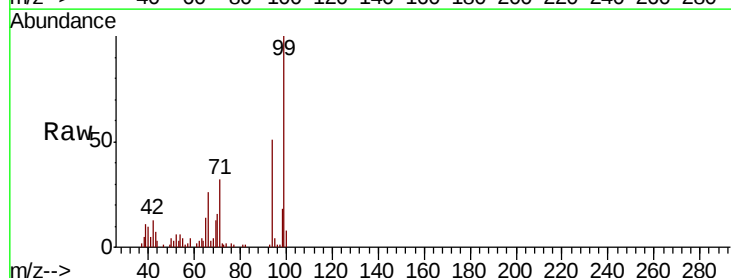
Tgt Ion: 94 Resp: 13979

Ion Ratio Lower Upper

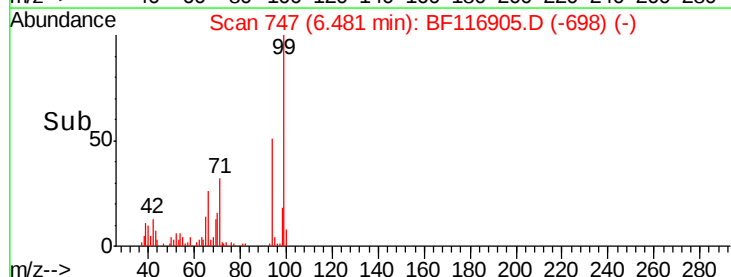
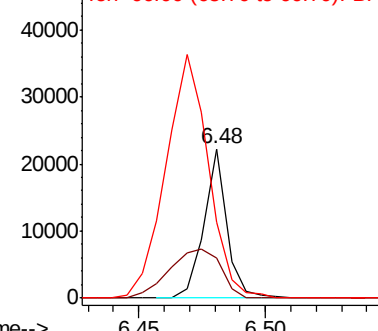
94 100

65 26.9 10.8 50.8

66 50.8 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF116905.D

Acq: 9 Sep 2019 19:12

Instrument :

BNA\_F

ClientSampleId :

SB-07-COMP

Tot Ion:136 Resp: 286238

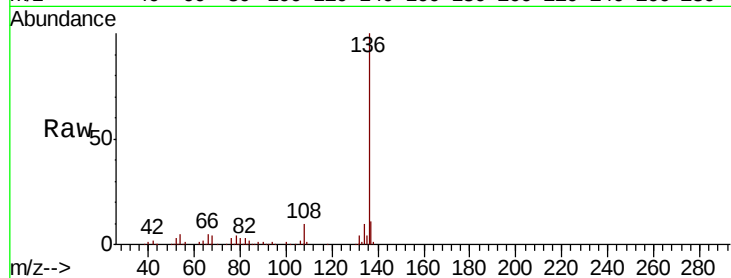
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.4 4.8 7.2

68 4.4 4.0 6.0

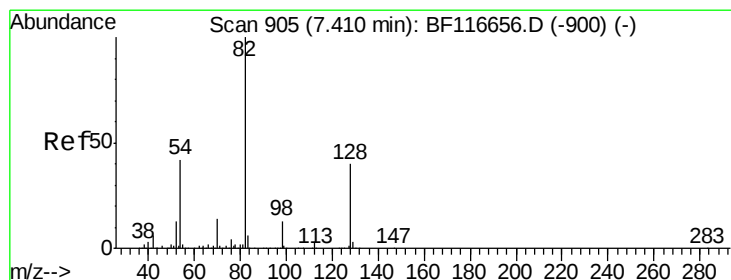
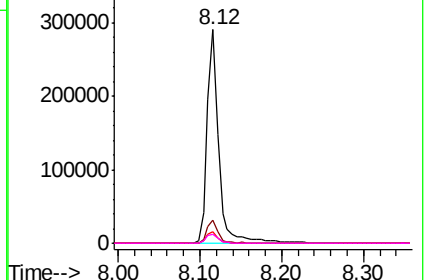
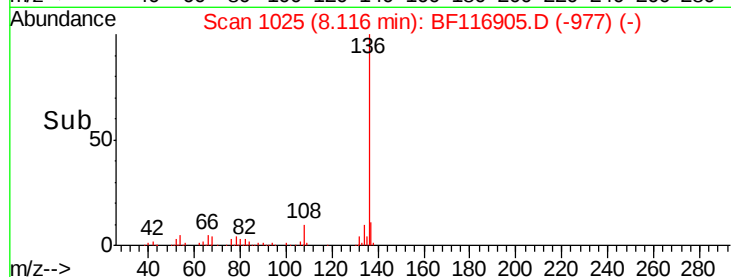


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.404 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF116905.D

Acq: 9 Sep 2019 19:12

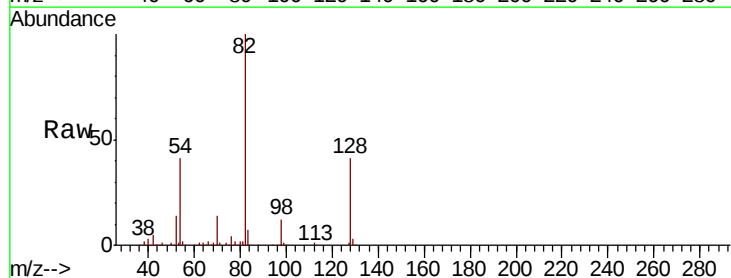
Tgt Ion: 82 Resp: 488389

Ion Ratio Lower Upper

82 100

128 40.5 32.8 49.2

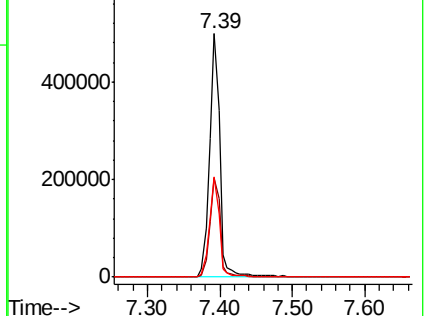
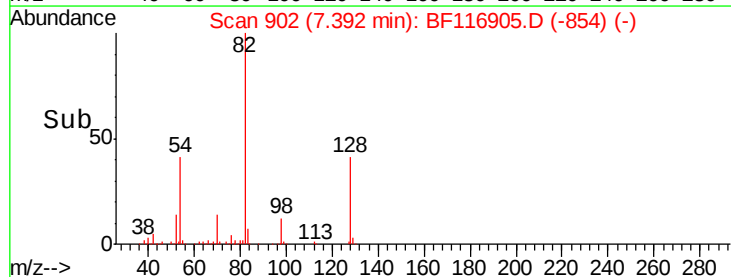
54 41.3 36.9 55.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

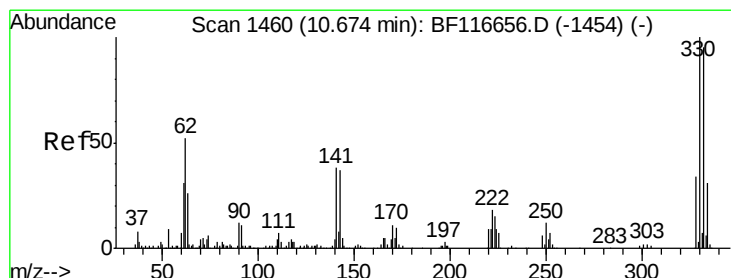
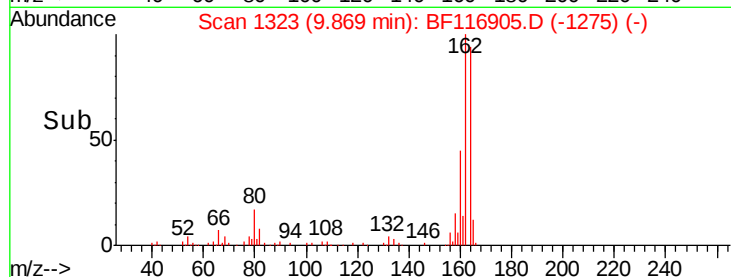
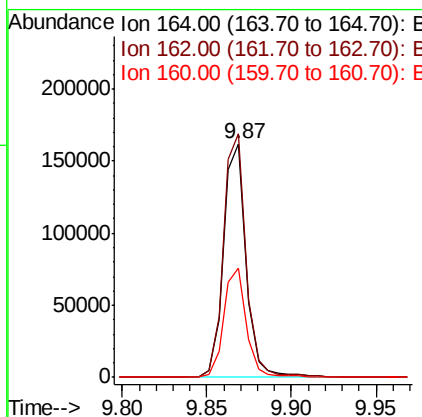
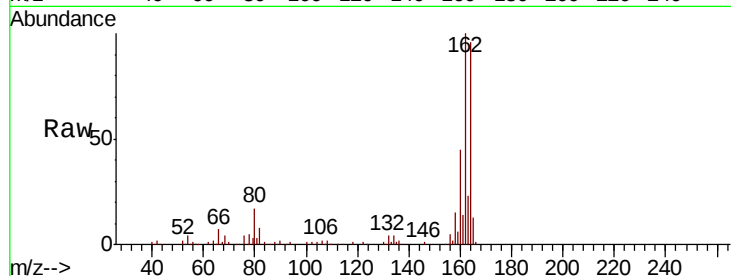




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.87 min Scan# 1323  
 Delta R.T. -0.02 min  
 Lab File: BF116905.D  
 Acq: 9 Sep 2019 19:12

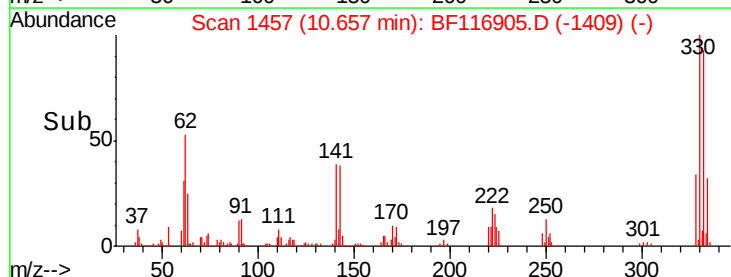
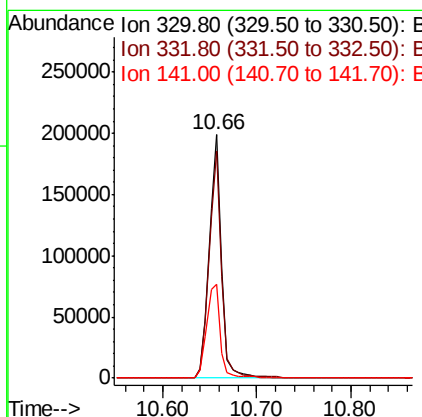
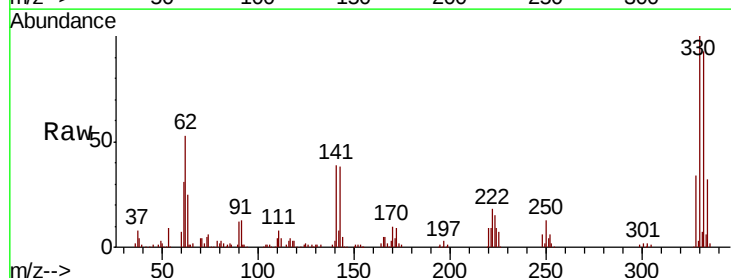
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.1 | 81.4  | 122.0 |
| 160     | 46.5  | 35.4  | 53.2  |



#42  
 2,4,6-Tribromophenol  
 Concen: 183.067 ng  
 RT: 10.66 min Scan# 1457  
 Delta R.T. -0.02 min  
 Lab File: BF116905.D  
 Acq: 9 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.5  | 76.9  | 115.3 |
| 141     | 43.4  | 31.4  | 47.2  |

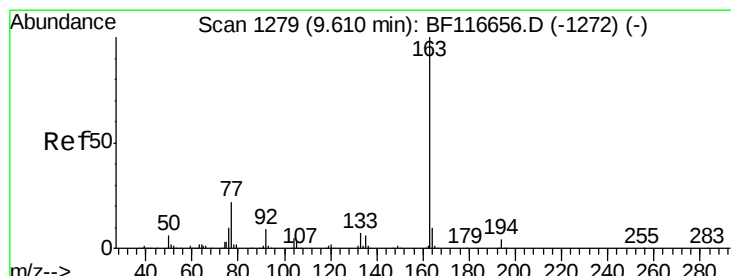
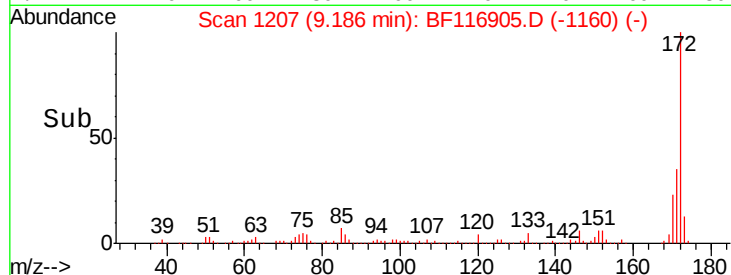
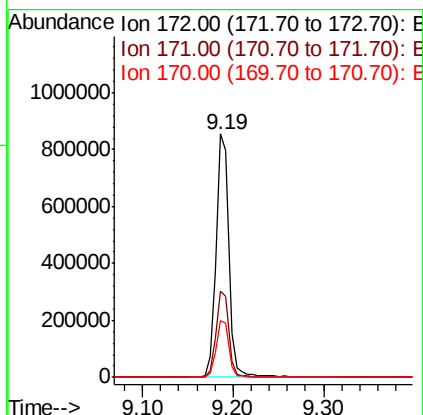
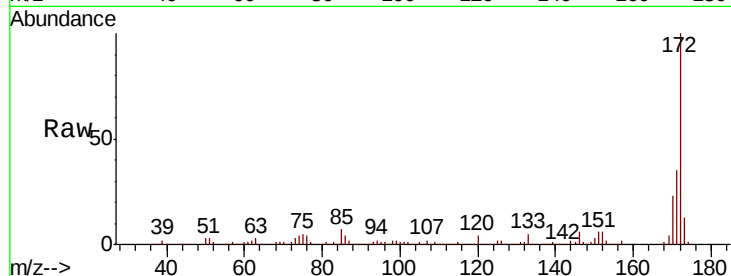




#45  
2-Fluorobiphenyl  
Concen: 93.715 ng  
RT: 9.19 min Scan# 1207  
Delta R.T. -0.02 min  
Lab File: BF116905.D  
Acq: 9 Sep 2019 19:12

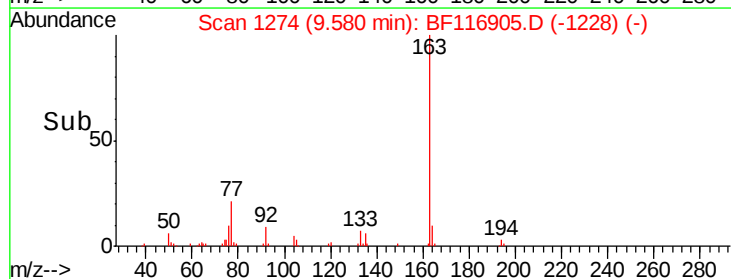
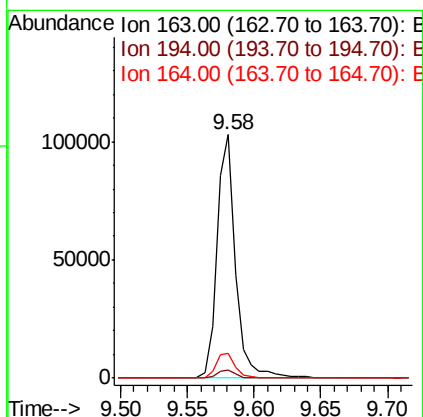
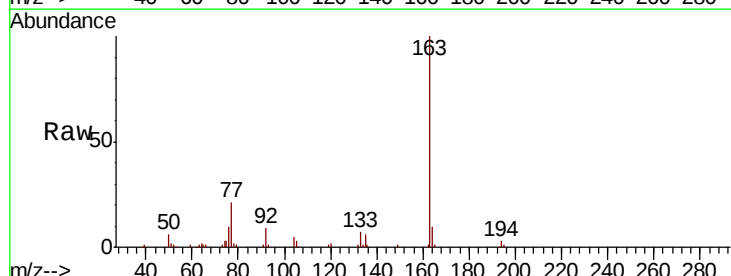
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-COMP

Tot Ion:172 Resp: 838588  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.8 41.6  
170 23.2 18.9 28.3



#50  
Dimethylphthalate  
Concen: 9.660 ng  
RT: 9.58 min Scan# 1274  
Delta R.T. -0.03 min  
Lab File: BF116905.D  
Acq: 9 Sep 2019 19:12

Tgt Ion:163 Resp: 100667  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.8 4.2  
164 10.0 8.6 12.8

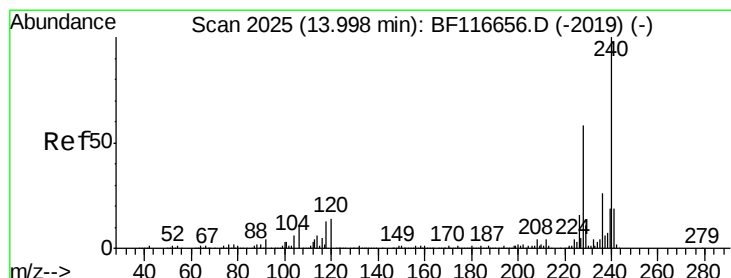
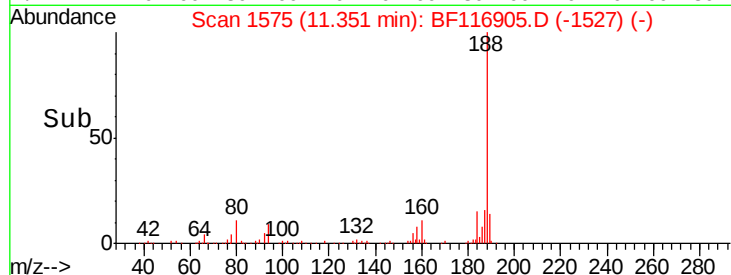
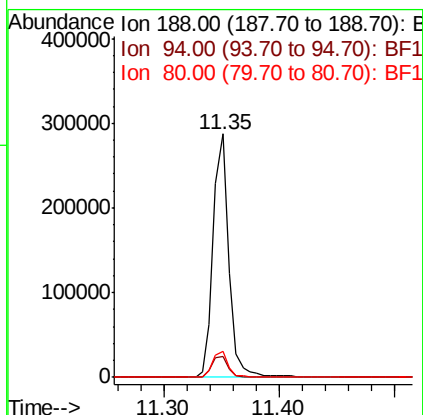
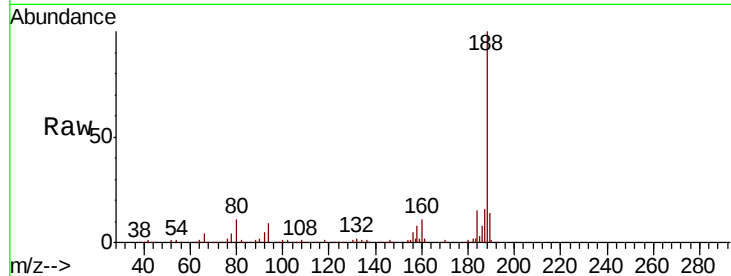




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.35 min Scan# 1575  
Delta R.T. -0.02 min  
Lab File: BF116905.D  
Acq: 9 Sep 2019 19:12

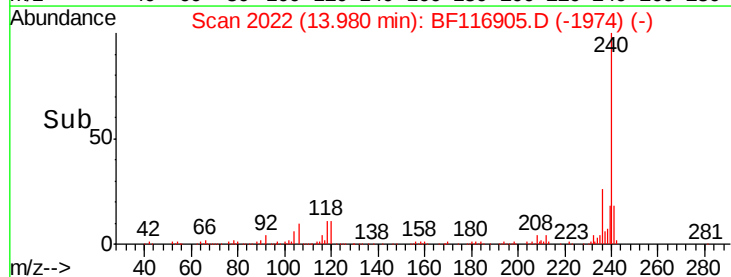
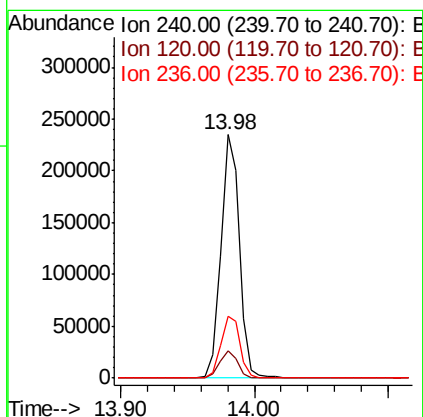
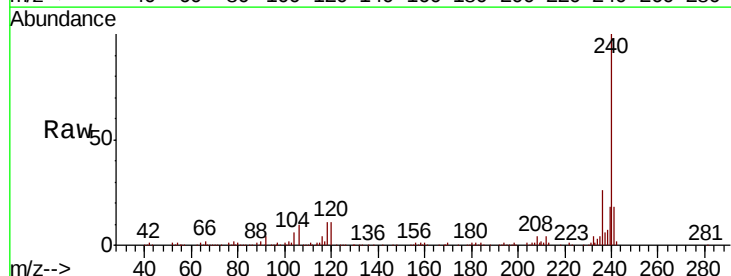
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-COMP

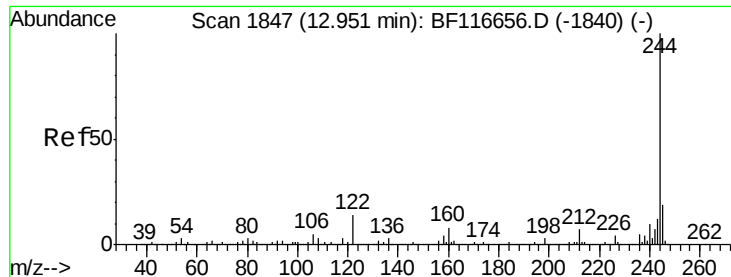
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.7   | 7.3   | 10.9  |
| 80      | 10.6  | 8.4   | 12.6  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.98 min Scan# 2022  
Delta R.T. -0.02 min  
Lab File: BF116905.D  
Acq: 9 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.1  | 9.1   | 13.7  |
| 236     | 25.6  | 21.1  | 31.7  |

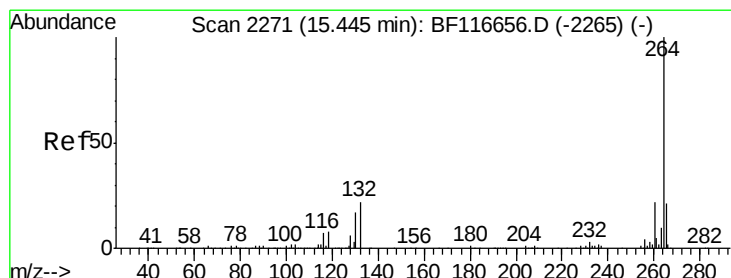
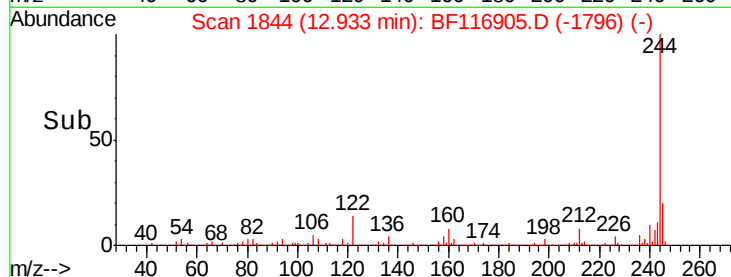
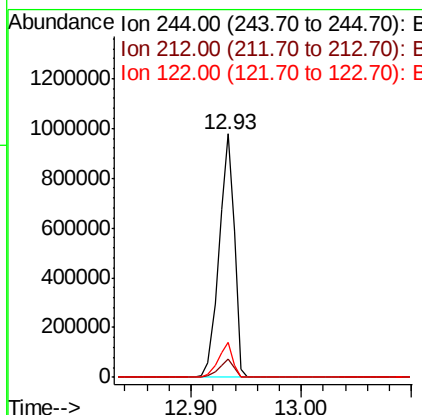
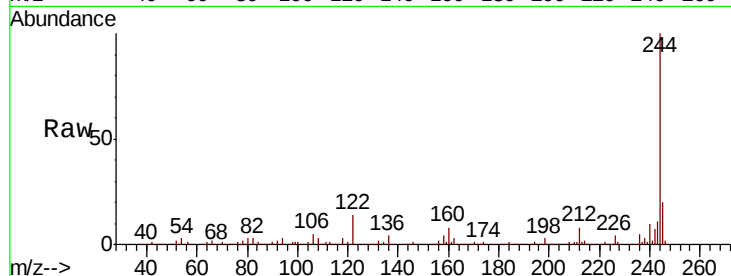




#79  
 Terphenyl-d14  
 Concen: 75.171 ng  
 RT: 12.93 min Scan# 1844  
 Delta R.T. -0.02 min  
 Lab File: BF116905.D  
 Acq: 9 Sep 2019 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07-COMP

Tot Ion:244 Resp: 936094  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.1 9.1  
 122 14.2 10.2 15.4



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.43 min Scan# 2269  
 Delta R.T. -0.01 min  
 Lab File: BF116905.D  
 Acq: 9 Sep 2019 19:12

Tgt Ion:264 Resp: 221095  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.3 27.5  
 265 21.3 16.5 24.7

