

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\  
 Data File : BF113378.D  
 Acq On : 28 Mar 2019 17:09  
 Operator : JU/SJ  
 Sample : K2107-11  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

Quant Time: Mar 29 02:27:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 26 03:32:08 2019  
 Response via : Initial Calibration

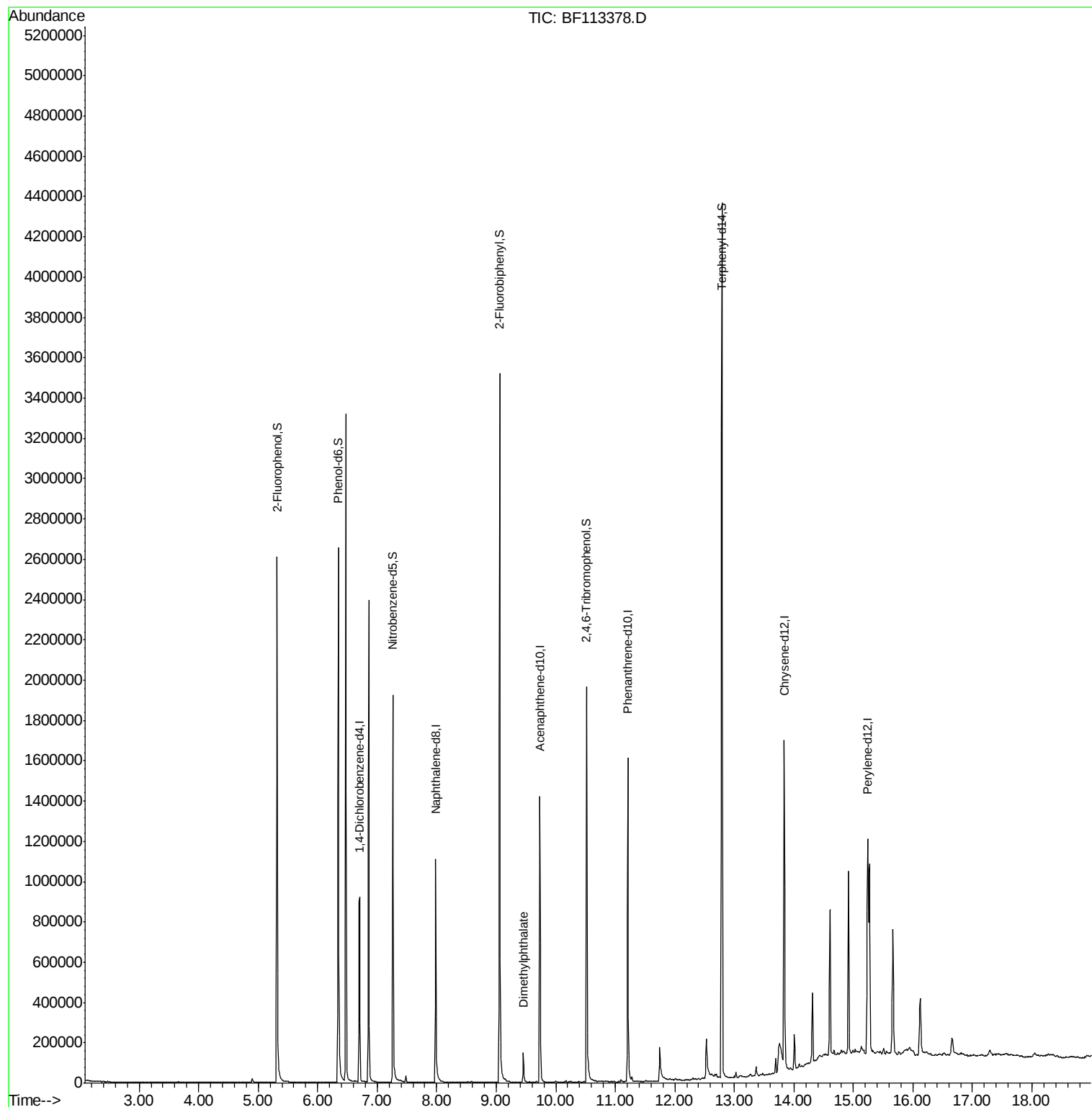
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 152003   | 20.00 | ng    | 0.00          |
| 21) Naphthalene-d8          | 7.98  | 136  | 592040   | 20.00 | ng    | 0.00          |
| 39) Acenaphthene-d10        | 9.73  | 164  | 297902   | 20.00 | ng    | 0.00          |
| 64) Phenanthrene-d10        | 11.21 | 188  | 645288   | 20.00 | ng    | 0.00          |
| 76) Chrysene-d12            | 13.84 | 240  | 629759   | 20.00 | ng    | 0.00          |
| 87) Perylene-d12            | 15.24 | 264  | 548651   | 20.00 | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |       |       |               |
| 5) 2-Fluorophenol           | 5.32  | 112  | 819230   | 88.13 | ng    | 0.00          |
| 7) Phenol-d6                | 6.35  | 99   | 1099231  | 93.47 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 652823   | 65.45 | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 10.52 | 330  | 326991   | 88.86 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 9.06  | 172  | 1237404  | 59.89 | ng    | 0.00          |
| 79) Terphenyl-d14           | 12.79 | 244  | 1600171  | 56.01 | ng    | 0.00          |
| Target Compounds            |       |      |          |       |       |               |
| 50) Dimethylphthalate       | 9.46  | 163  | 82091    | 3.718 | ng    | Qvalue<br>100 |

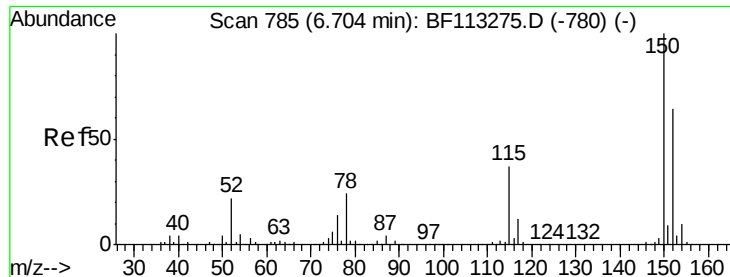
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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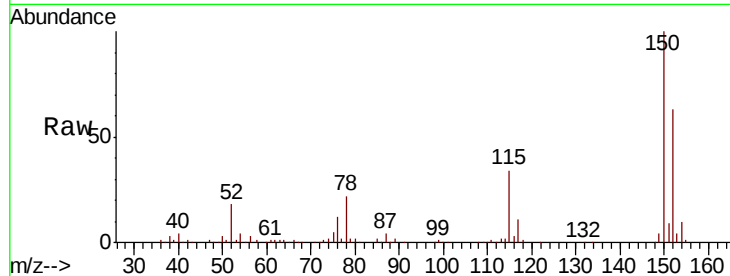


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.70 min Scan# 785  
 Delta R.T. -0.00 min  
 Lab File: BF113378.D  
 Acq: 28 Mar 2019 17:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.6 | 124.7 | 187.1 |
| 115     | 54.1  | 46.0  | 69.0  |

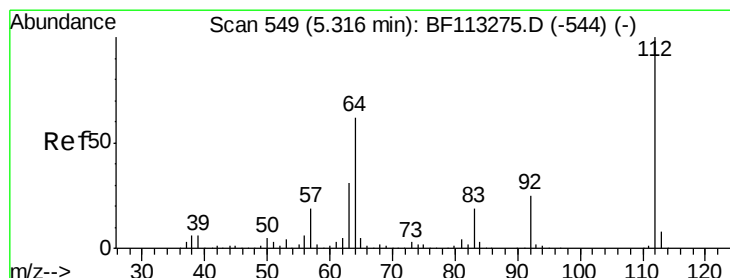
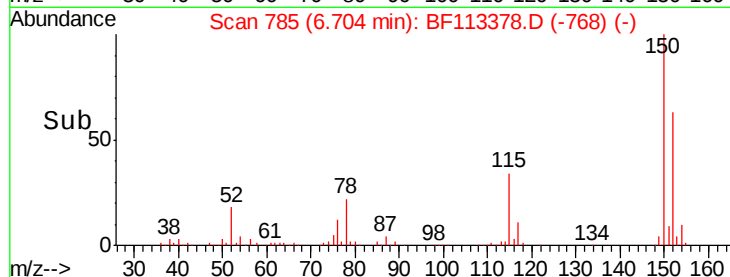
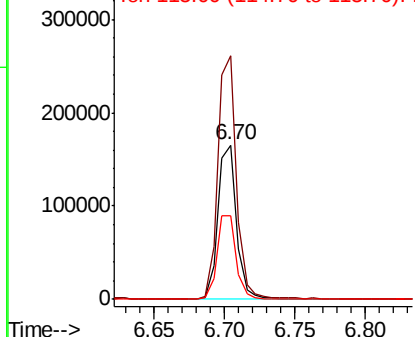


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

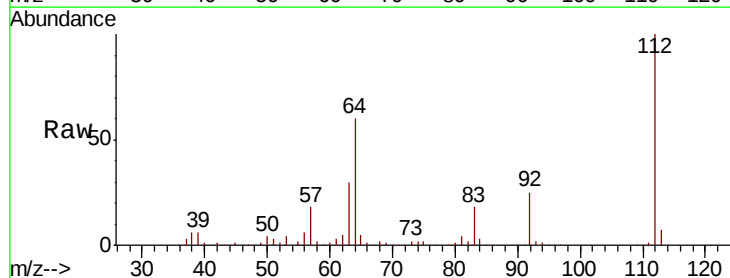
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
 Concen: 88.126 ng  
 RT: 5.32 min Scan# 549  
 Delta R.T. -0.00 min  
 Lab File: BF113378.D  
 Acq: 28 Mar 2019 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.4  | 49.2  | 73.8  |
| 63      | 30.1  | 24.9  | 37.3  |

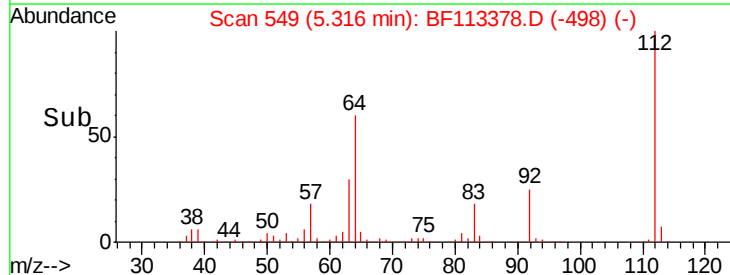
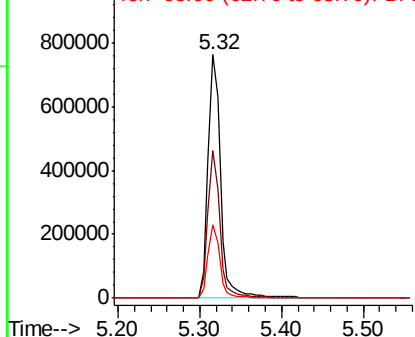


Abundance

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: 93.471 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113378.D

Acq: 28 Mar 2019 17:09

Instrument :

BNA\_F

ClientSampled :

TP-6

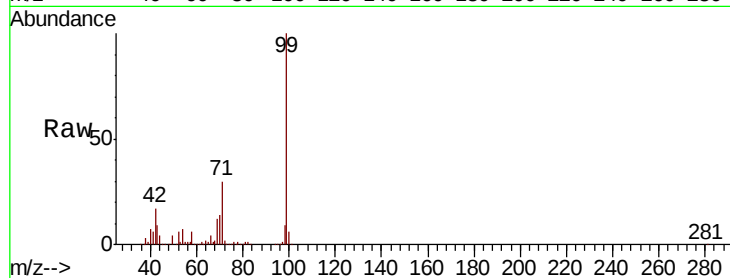
Tot Ion: 99 Resp: 1099231

Ion Ratio Lower Upper

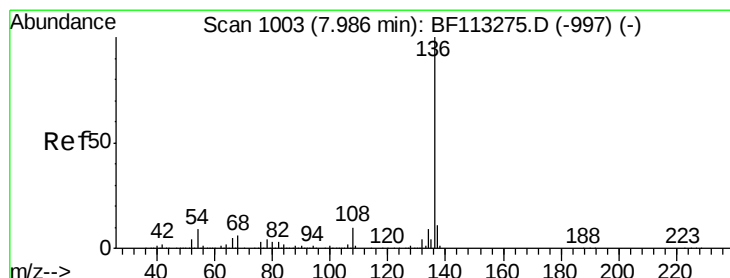
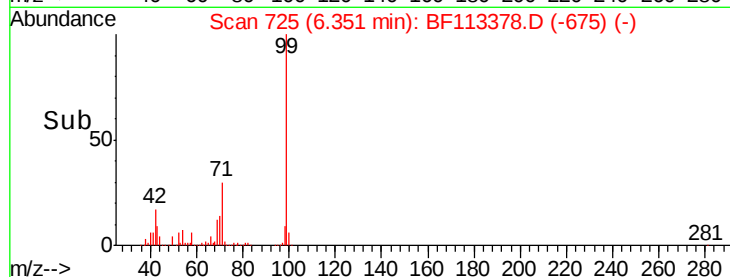
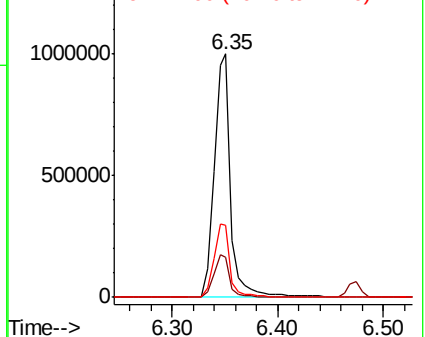
99 100

42 16.5 14.8 22.2

71 29.5 24.9 37.3



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113378.D

Acq: 28 Mar 2019 17:09

Tgt Ion: 136 Resp: 592040

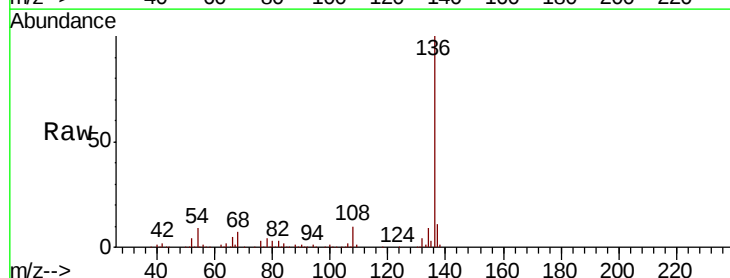
Ion Ratio Lower Upper

136 100

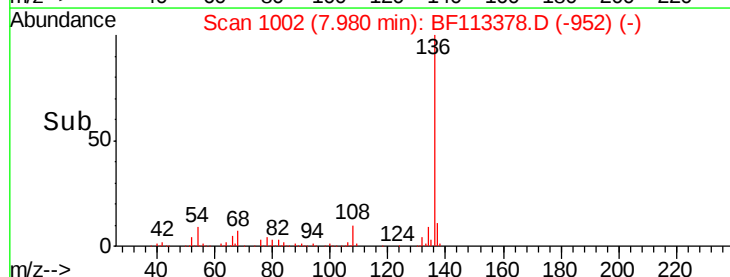
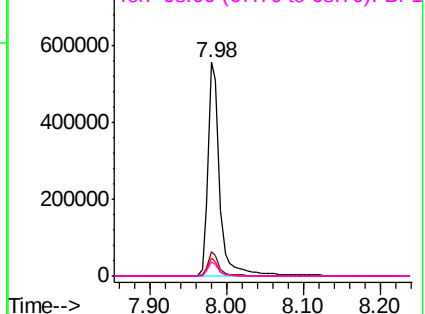
137 11.3 8.9 13.3

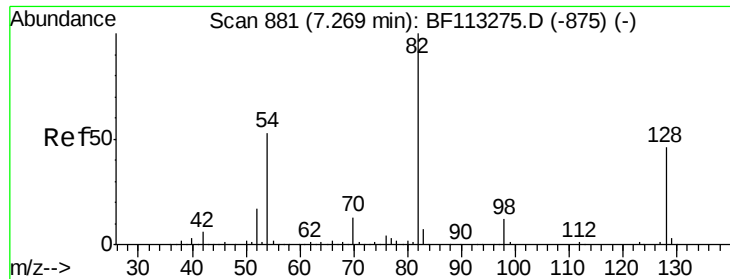
54 8.6 7.0 10.6

68 6.6 4.8 7.2



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

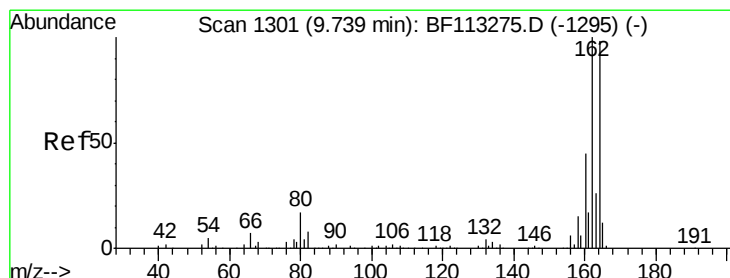
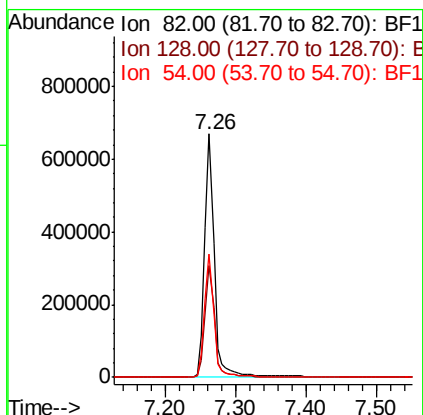
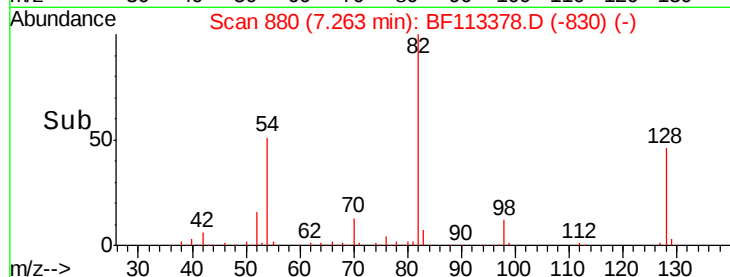
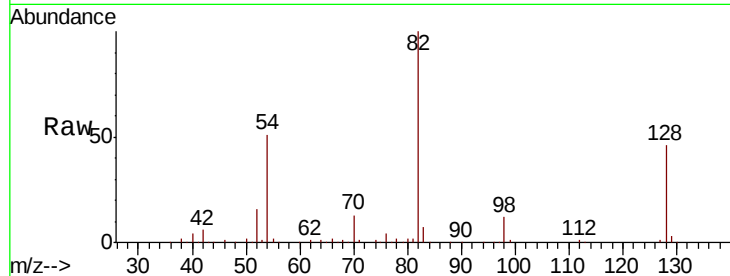




#23  
Nitrobenzene-d5  
Concen: 65.448 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BF113378.D  
Acq: 28 Mar 2019 17:09

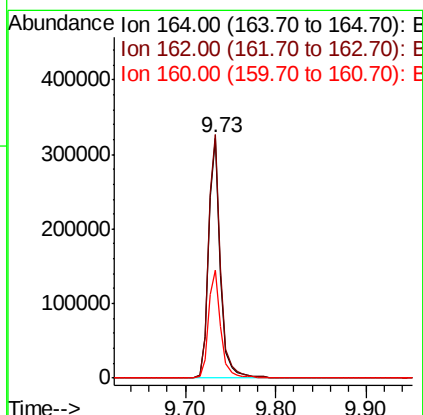
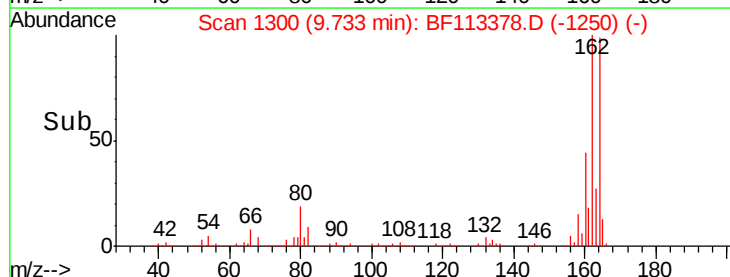
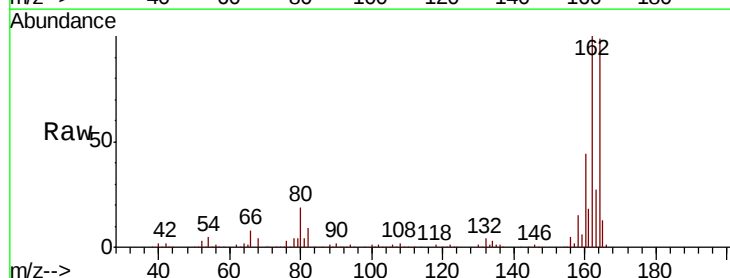
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6

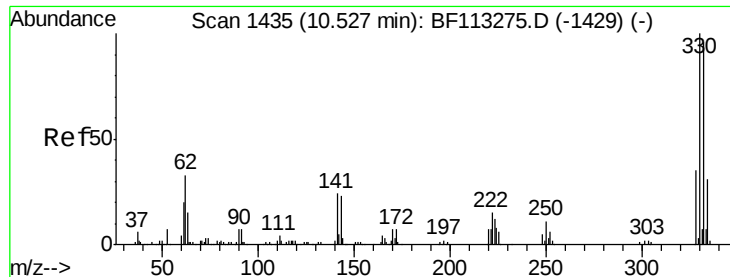
Tot Ion: 82 Resp: 652823  
Ion Ratio Lower Upper  
82 100  
128 45.9 36.5 54.7  
54 50.8 42.2 63.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.73 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BF113378.D  
Acq: 28 Mar 2019 17:09

Tgt Ion: 164 Resp: 297902  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.8 122.6  
160 44.9 36.4 54.6

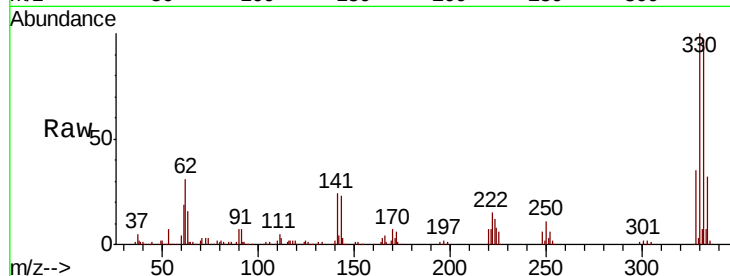




#42  
 2,4,6-Tribromophenol  
 Concen: 88.862 ng  
 RT: 10.52 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: BF113378.D  
 Acq: 28 Mar 2019 17:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.6  | 77.8  | 116.6 |
| 141     | 27.4  | 22.7  | 34.1  |

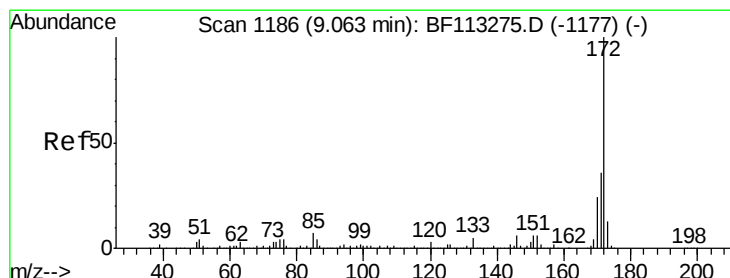
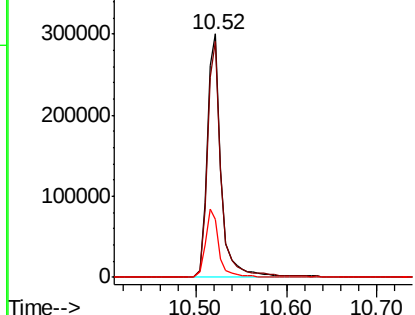
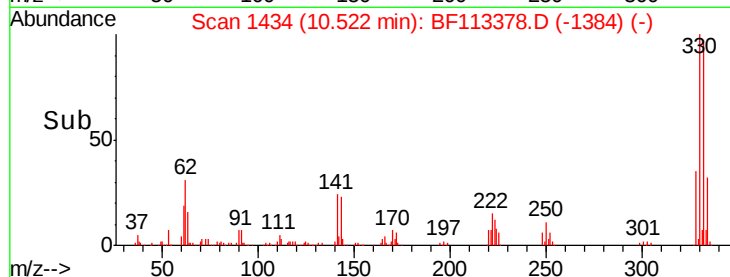


Abundance

Ion 329.80 (329.50 to 330.50): E

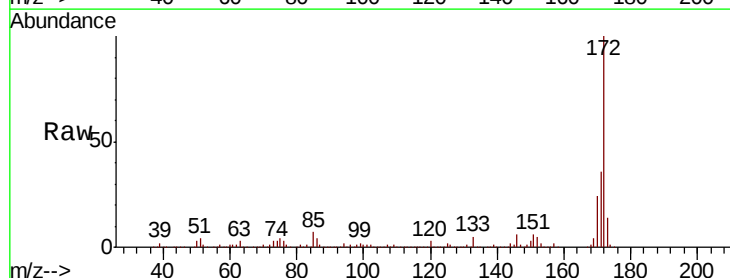
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 59.895 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. -0.01 min  
 Lab File: BF113378.D  
 Acq: 28 Mar 2019 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 29.0  | 43.6  |
| 170     | 24.1  | 19.5  | 29.3  |

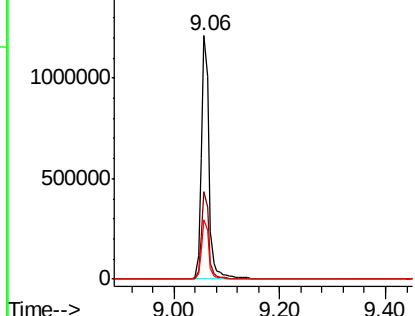
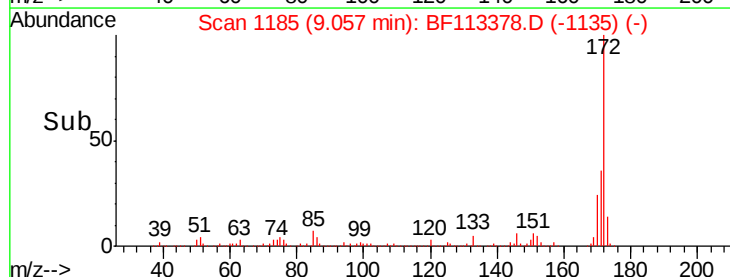


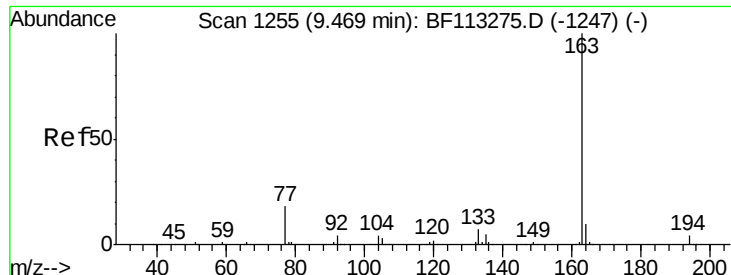
Abundance

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

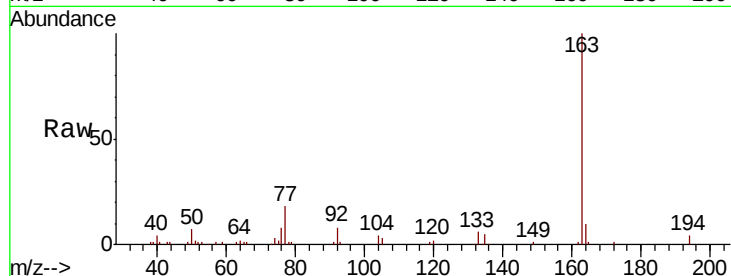




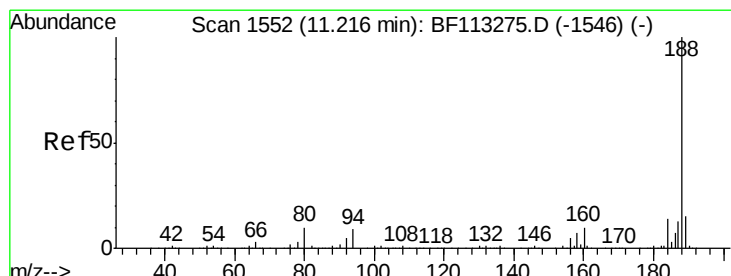
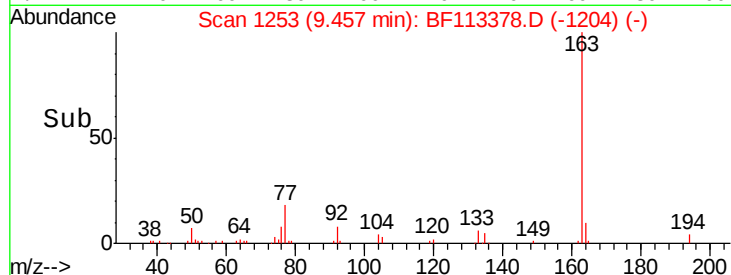
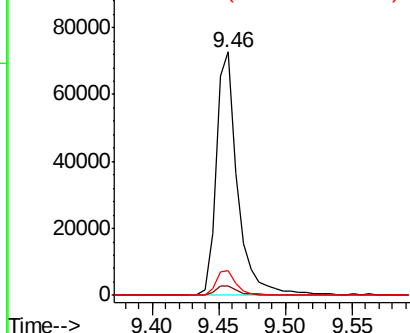
#50  
Dimethylphthalate  
Concen: 3.718 ng  
RT: 9.46 min Scan# 1253  
Delta R.T. -0.01 min  
Lab File: BF113378.D  
Acq: 28 Mar 2019 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
TP-6

Tot Ion:163 Resp: 82091  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.6  
164 10.2 8.1 12.1

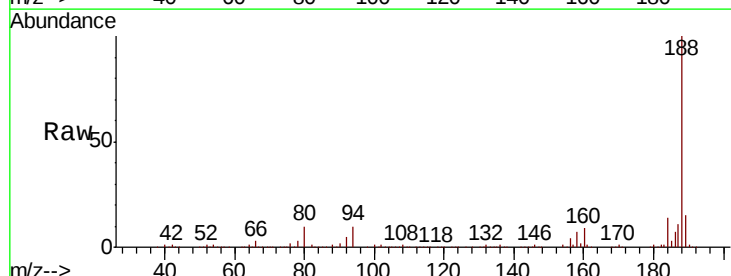


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

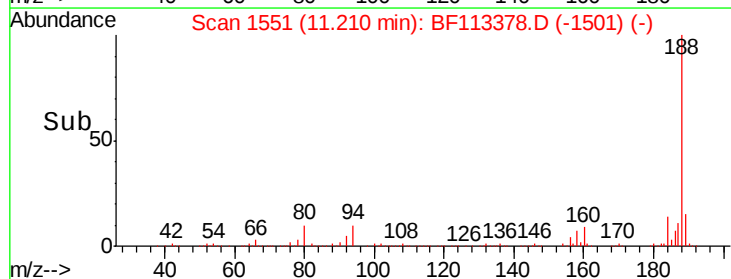
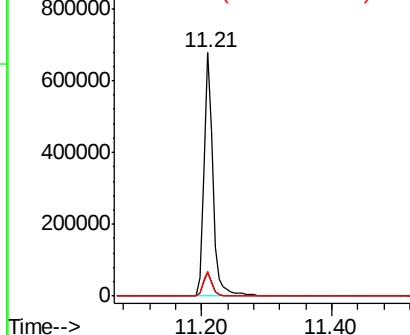


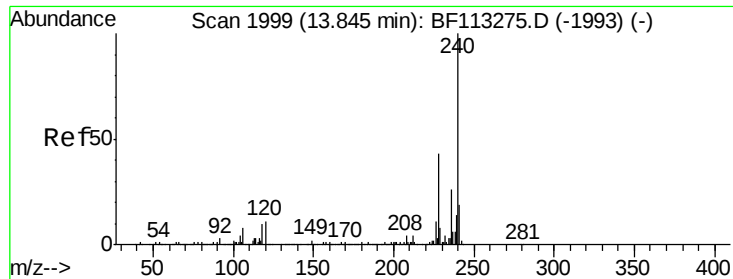
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.21 min Scan# 1551  
Delta R.T. -0.01 min  
Lab File: BF113378.D  
Acq: 28 Mar 2019 17:09

Tgt Ion:188 Resp: 645288  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.0 10.6  
80 10.4 7.7 11.5



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

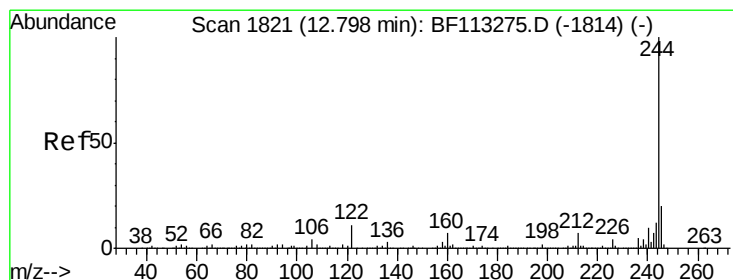
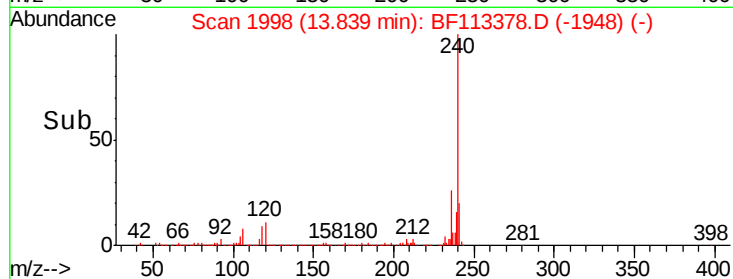
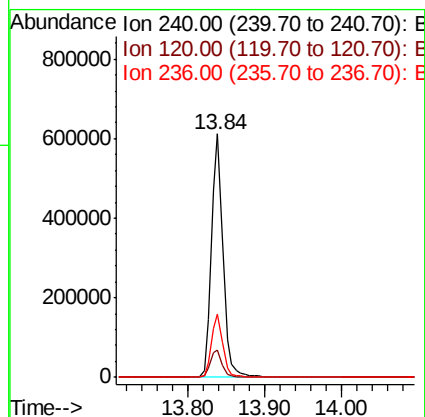
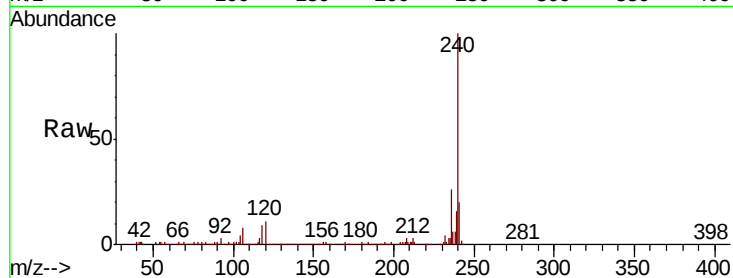




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 13.84 min Scan# 1998  
 Delta R.T. -0.01 min  
 Lab File: BF113378.D  
 Acq: 28 Mar 2019 17:09

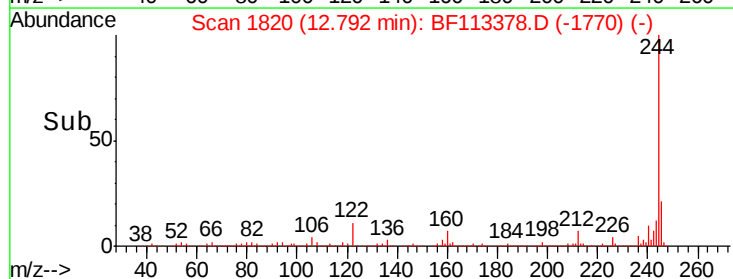
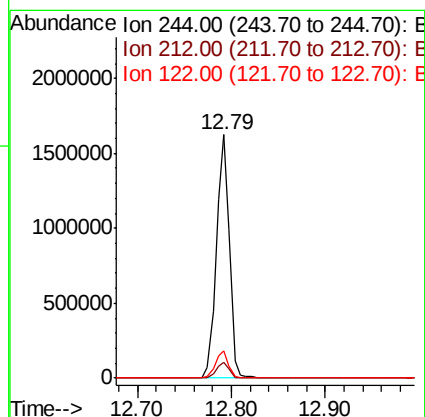
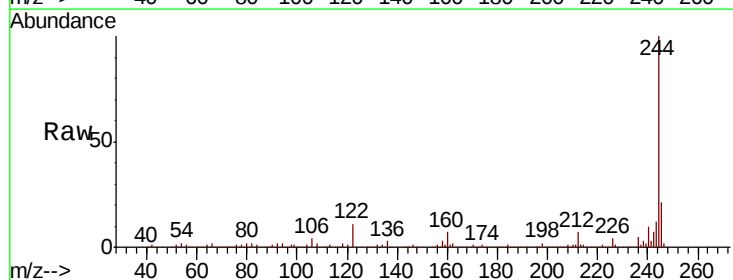
Instrument :  
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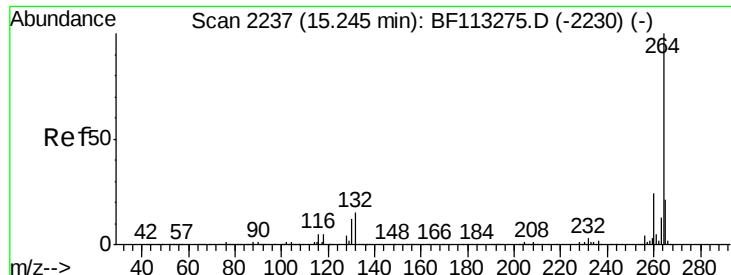
Tot Ion:240 Resp: 629759  
 Ion Ratio Lower Upper  
 240 100  
 120 11.0 8.8 13.2  
 236 26.0 20.9 31.3



#79  
 Terphenyl-d14  
 Concen: 56.006 ng  
 RT: 12.79 min Scan# 1820  
 Delta R.T. -0.01 min  
 Lab File: BF113378.D  
 Acq: 28 Mar 2019 17:09

Tgt Ion:244 Resp: 1600171  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.5 8.3  
 122 11.4 8.6 13.0





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.24 min Scan# 2236  
 Delta R.T. -0.01 min  
 Lab File: BF113378.D  
 Acq: 28 Mar 2019 17:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.1  | 28.7  |
| 265     | 22.0  | 17.1  | 25.7  |

