

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\  
 Data File : BF112058.D  
 Acq On : 14 Jan 2019 18:41  
 Operator : JU/SJ  
 Sample : K1129-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-2

Quant Time: Jan 14 21:34:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 11 21:37:26 2019  
 Response via : Initial Calibration

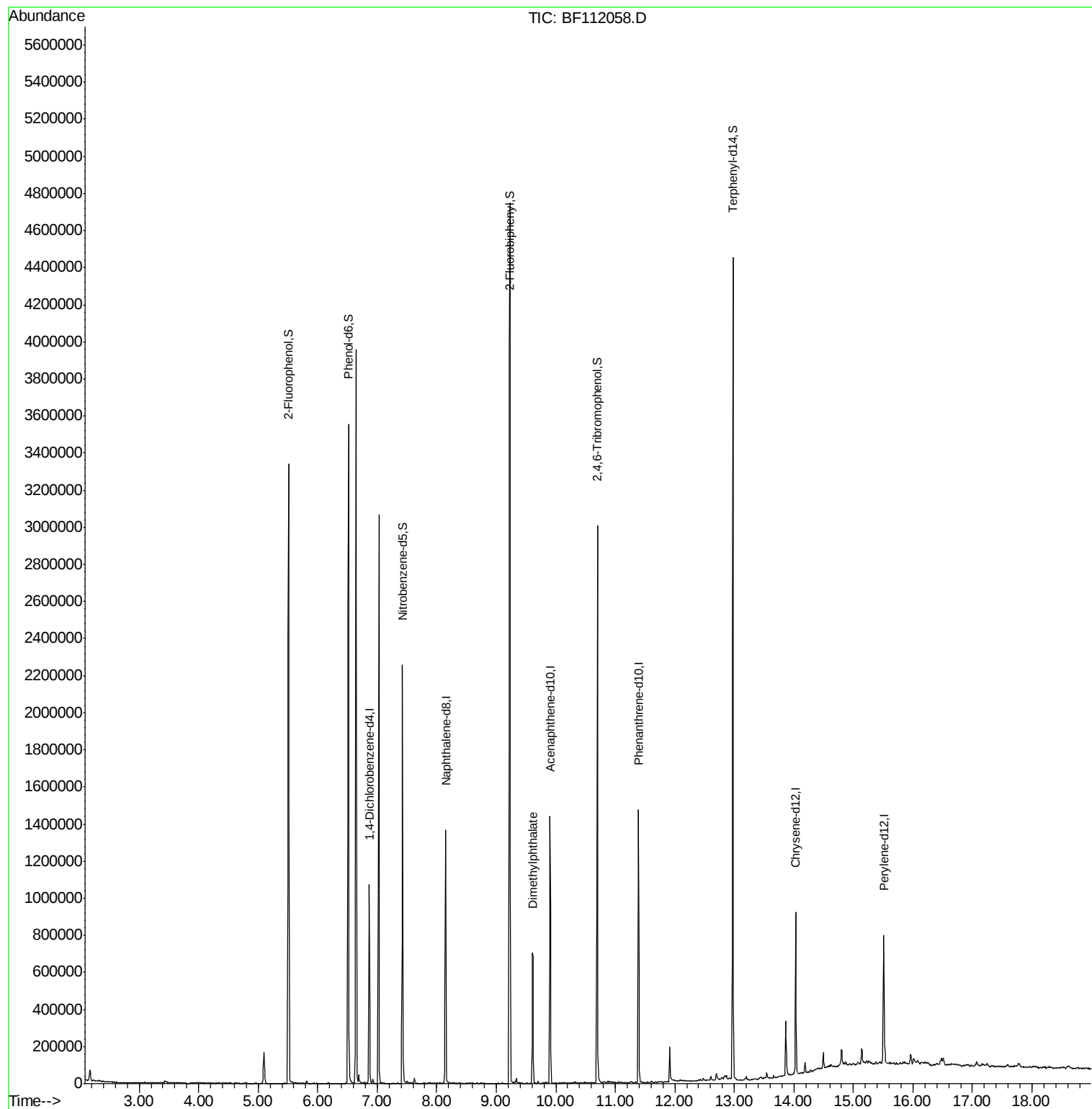
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 151993   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.15  | 136  | 626154   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.90  | 164  | 265953   | 20.00  | ng    | -0.01        |
| 64) Phenanthrene-d10        | 11.39 | 188  | 519411   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 14.03 | 240  | 300658   | 20.00  | ng    | -0.01        |
| 87) Perylene-d12            | 15.51 | 264  | 320540   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.51  | 112  | 851538   | 95.85  | ng    | 0.00         |
| 7) Phenol-d6                | 6.52  | 99   | 1282216  | 111.98 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 763190   | 65.14  | ng    | -0.01        |
| 42) 2,4,6-Tribromophenol    | 10.70 | 330  | 387937   | 112.15 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.23  | 172  | 1497189  | 82.09  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.97 | 244  | 1493321  | 94.28  | ng    | -0.01        |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.62  | 163  | 288438   | 14.437 | ng    | Qvalue<br>99 |

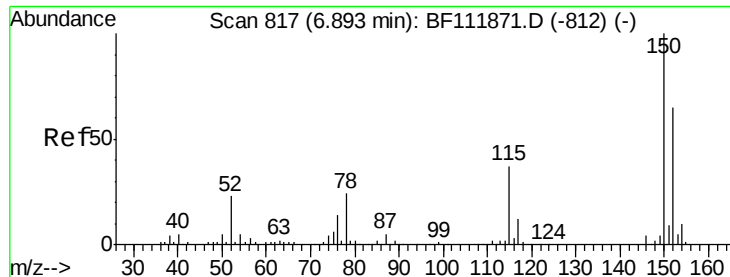
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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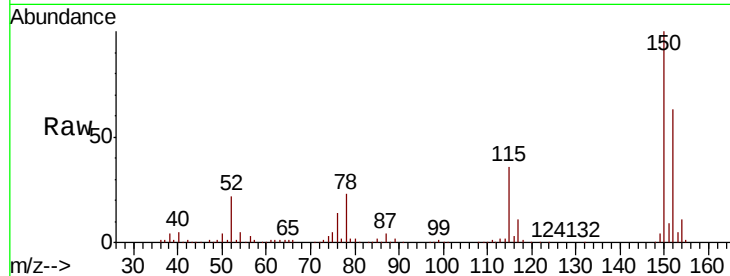


#1

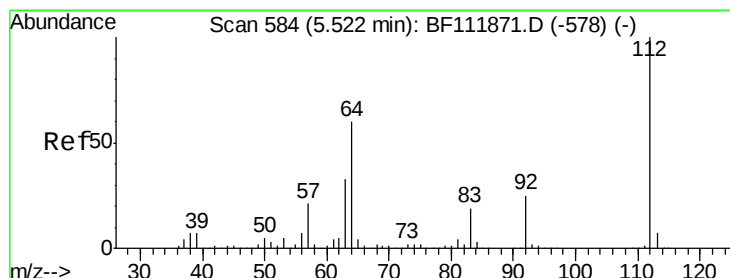
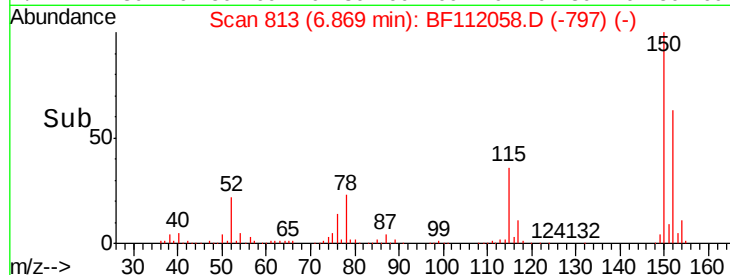
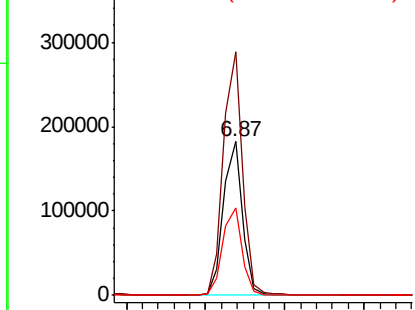
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BF112058.D  
Acq: 14 Jan 2019 18:41

Instrument :  
BNA\_F  
ClientSampleId :  
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Tot Ion:152 Resp: 151993  
Ion Ratio Lower Upper  
152 100  
150 158.2 122.7 184.1  
115 56.7 45.2 67.8



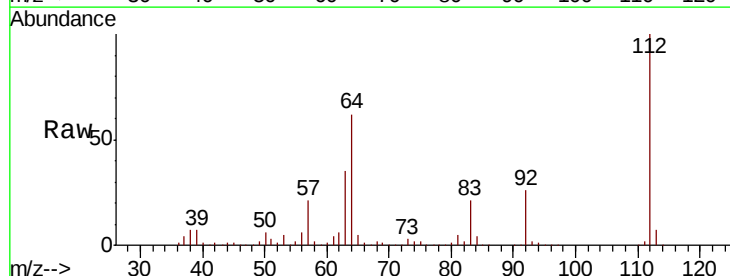
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



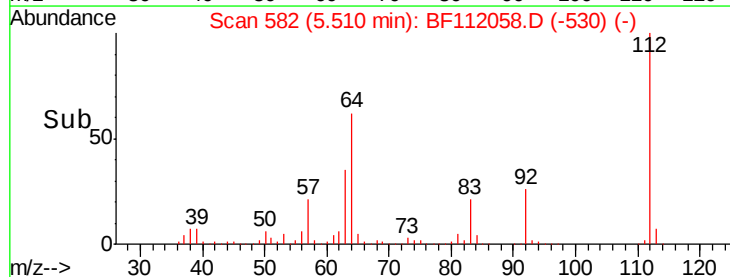
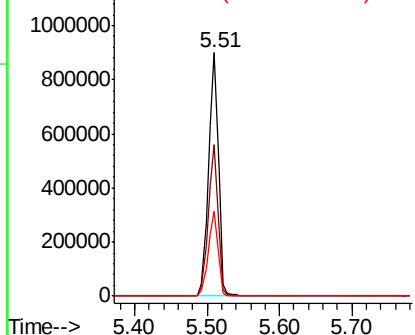
#5

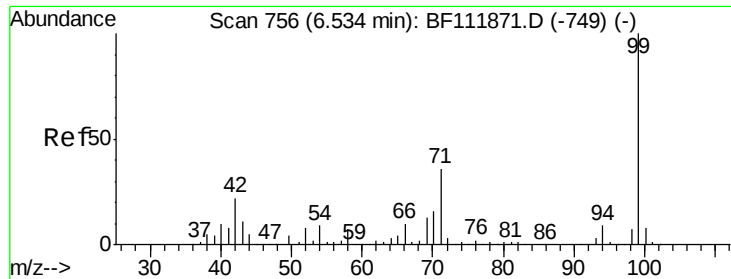
2-Fluorophenol  
Concen: 95.848 ng  
RT: 5.51 min Scan# 582  
Delta R.T. 0.01 min  
Lab File: BF112058.D  
Acq: 14 Jan 2019 18:41

Tgt Ion:112 Resp: 851538  
Ion Ratio Lower Upper  
112 100  
64 62.4 48.3 72.5  
63 35.0 26.1 39.1



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



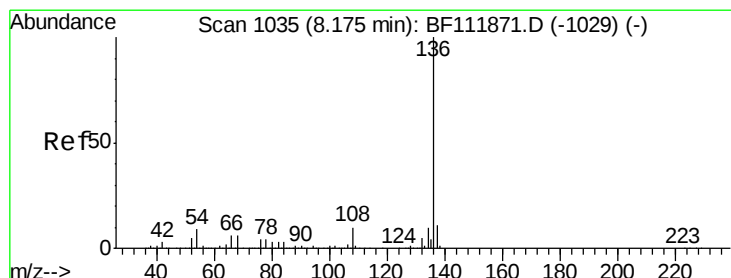
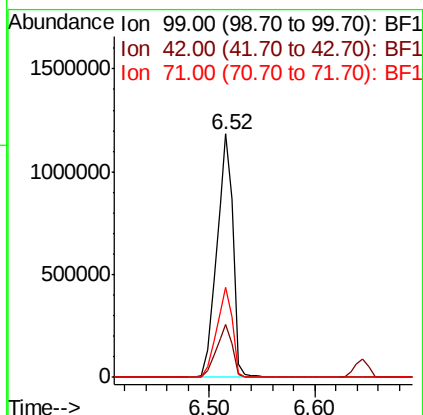
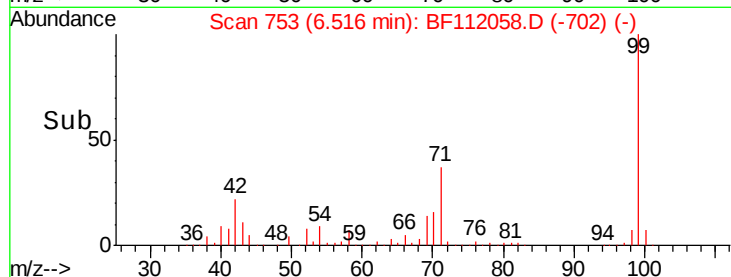
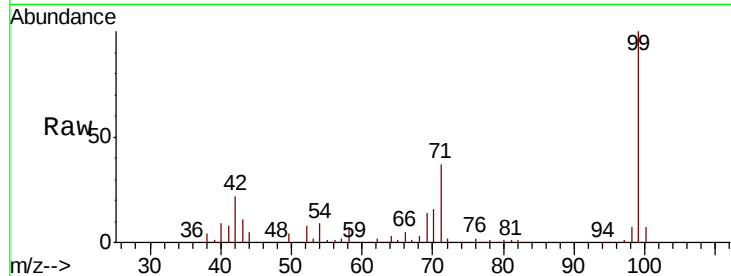


#7  
Phenol-d6  
Concen: 111.977 ng  
RT: 6.52 min Scan# 753  
Delta R.T. -0.00 min  
Lab File: BF112058.D  
Acq: 14 Jan 2019 18:41

Instrument :  
BNA\_F  
ClientSampleId :  
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Tot Ion: 99 Resp: 1282216

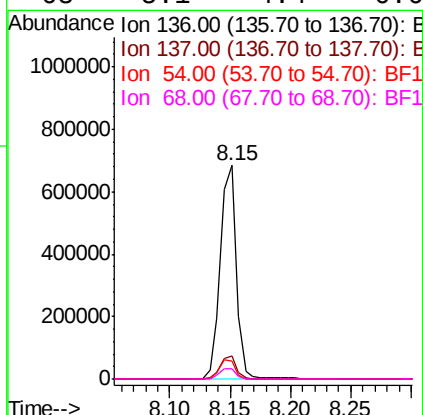
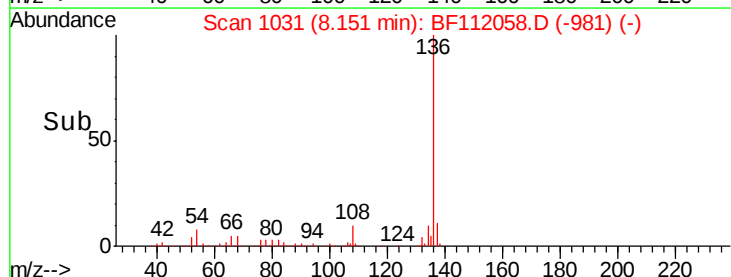
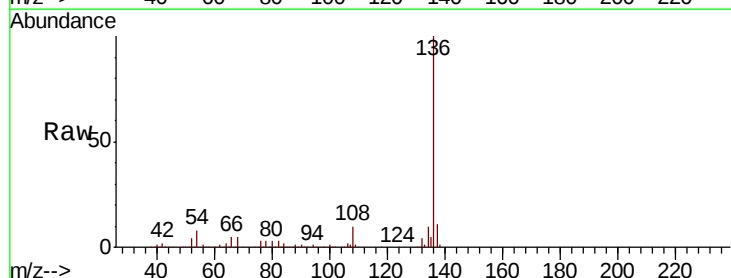
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.0  | 17.9  | 26.9  |
| 71  | 37.1  | 28.7  | 43.1  |

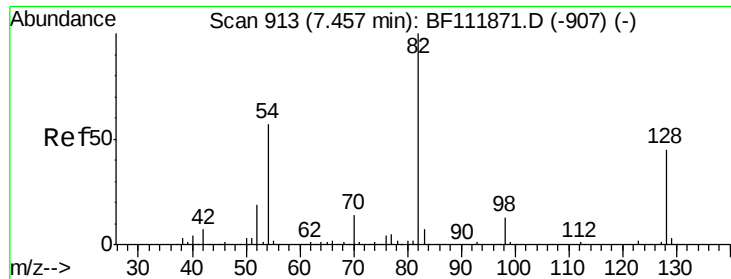


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BF112058.D  
Acq: 14 Jan 2019 18:41

Tgt Ion: 136 Resp: 626154

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 9.1   | 13.7  |
| 54  | 8.1   | 7.2   | 10.8  |
| 68  | 5.1   | 4.4   | 6.6   |

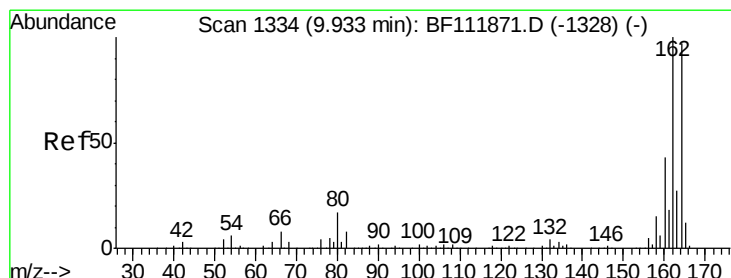
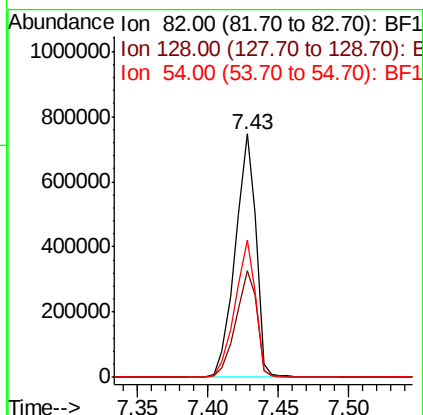
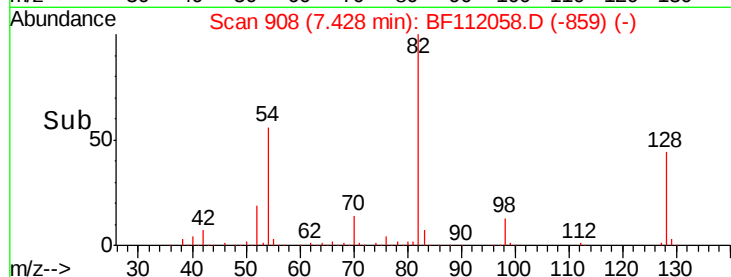
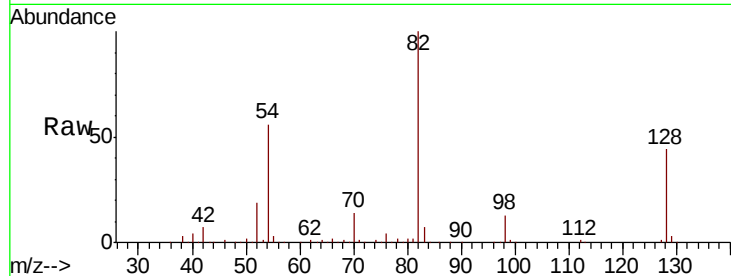




#23  
Nitrobenzene-d5  
Concen: 65.142 ng  
RT: 7.43 min Scan# 908  
Delta R.T. -0.01 min  
Lab File: BF112058.D  
Acq: 14 Jan 2019 18:41

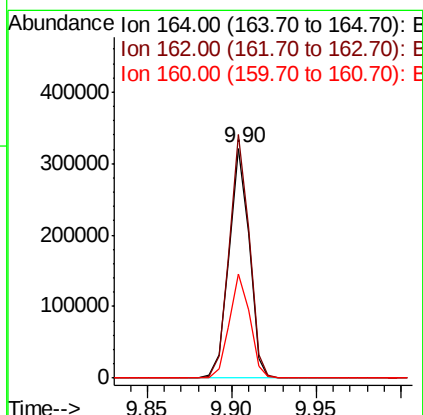
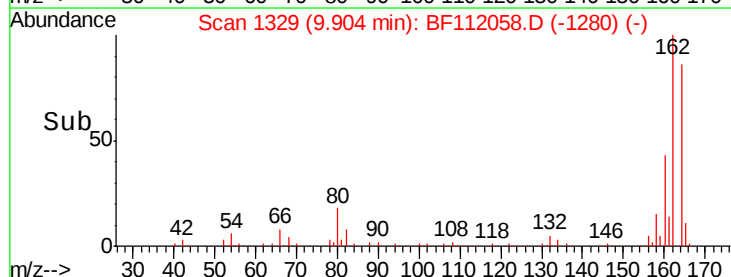
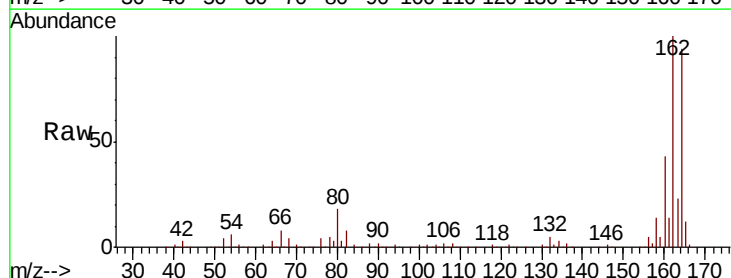
Instrument :  
BNA\_F  
ClientSampleId :  
P-2

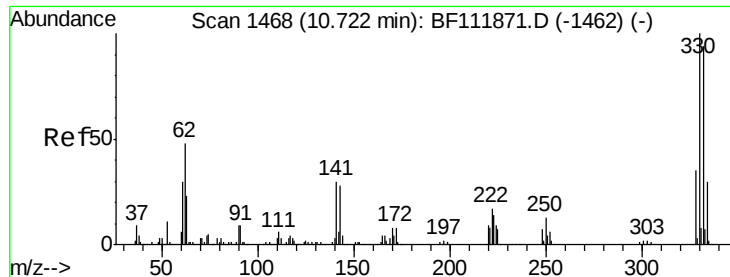
Tot Ion: 82 Resp: 763190  
Ion Ratio Lower Upper  
82 100  
128 43.7 35.7 53.5  
54 56.5 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.90 min Scan# 1329  
Delta R.T. -0.01 min  
Lab File: BF112058.D  
Acq: 14 Jan 2019 18:41

Tgt Ion: 164 Resp: 265953  
Ion Ratio Lower Upper  
164 100  
162 106.1 82.2 123.2  
160 45.4 35.5 53.3

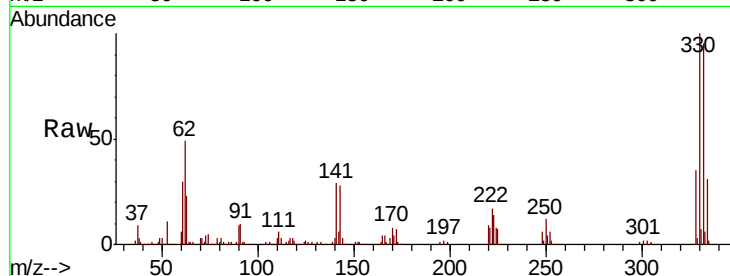




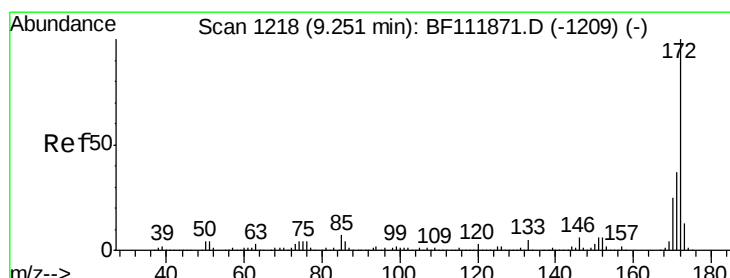
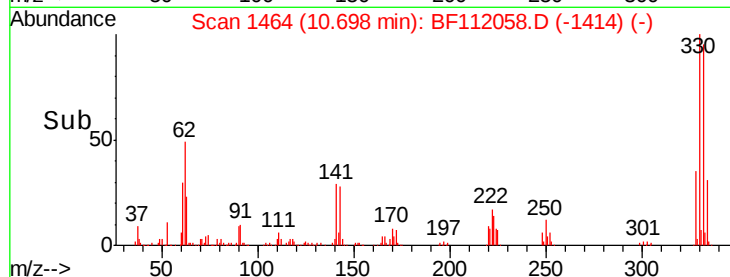
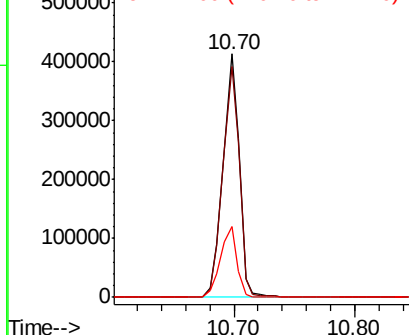
#42  
 2,4,6-Tribromophenol  
 Concen: 112.145 ng  
 RT: 10.70 min Scan# 1464  
 Delta R.T. -0.01 min  
 Lab File: BF112058.D  
 Acq: 14 Jan 2019 18:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-2

Tot Ion:330 Resp: 387937  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 76.9 115.3  
 141 29.2 23.7 35.5

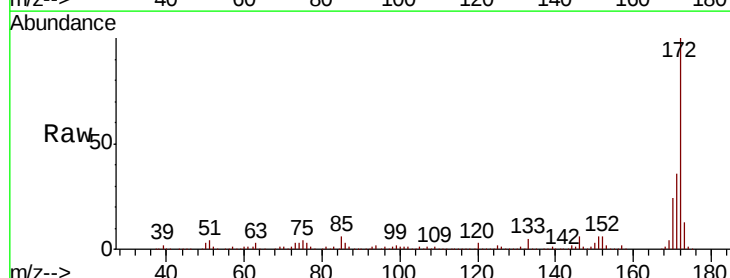


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

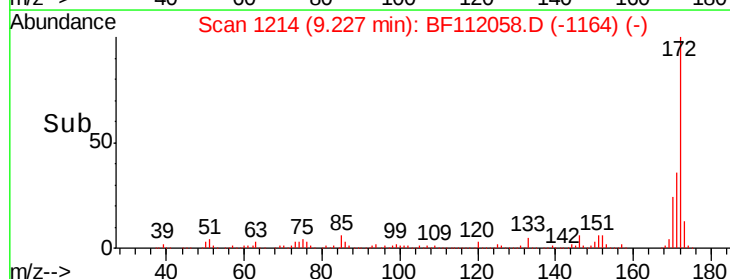
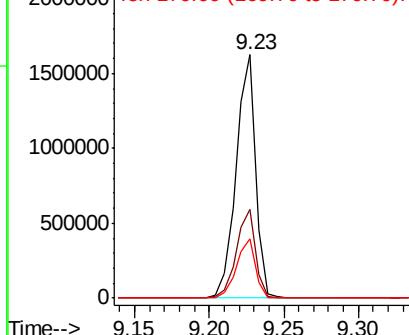


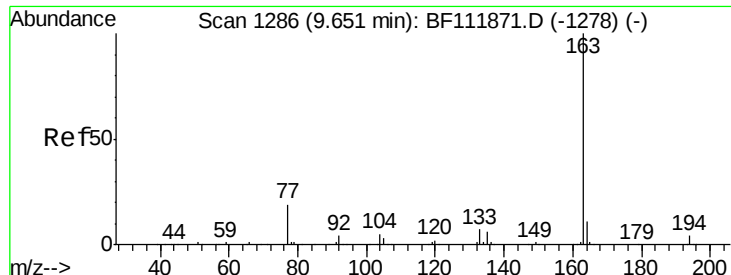
#45  
 2-Fluorobiphenyl  
 Concen: 82.090 ng  
 RT: 9.23 min Scan# 1214  
 Delta R.T. -0.01 min  
 Lab File: BF112058.D  
 Acq: 14 Jan 2019 18:41

Tgt Ion:172 Resp: 1497189  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.6 44.4  
 170 24.2 19.8 29.8



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

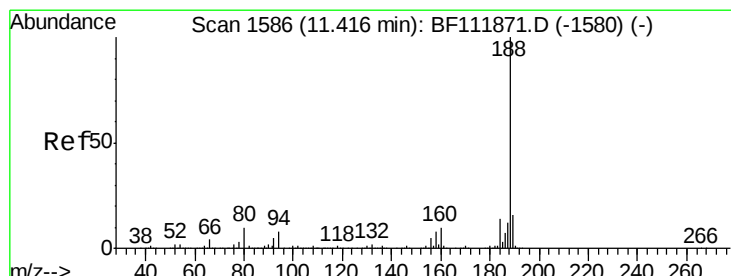
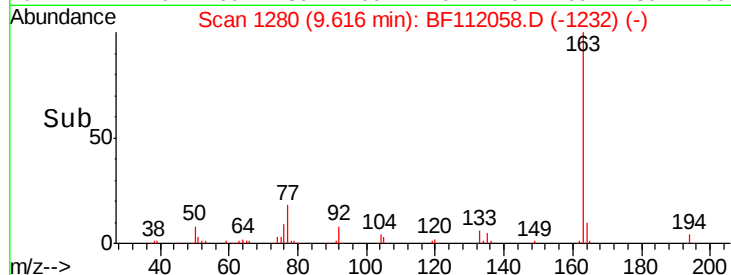
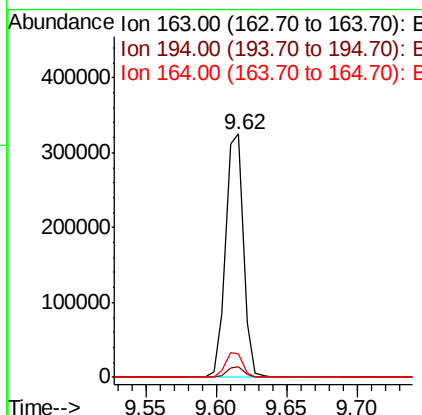
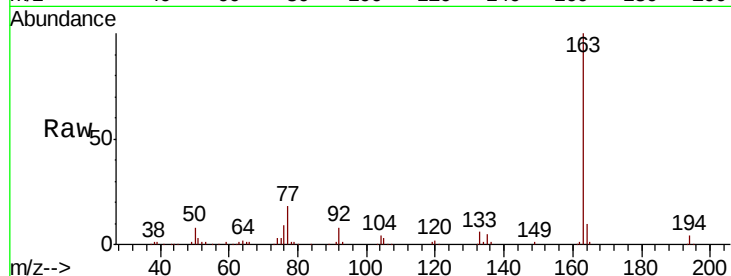




#50  
Dimethylphthalate  
Concen: 14.437 ng  
RT: 9.62 min Scan# 1280  
Delta R.T. -0.02 min  
Lab File: BF112058.D  
Acq: 14 Jan 2019 18:41

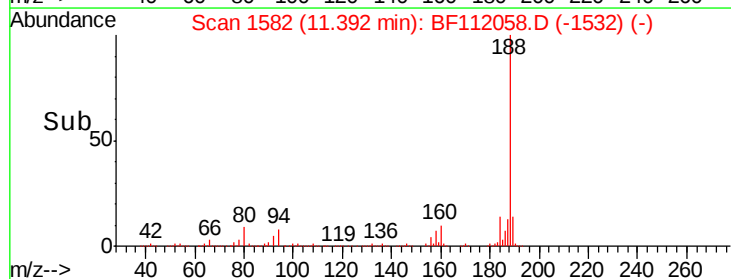
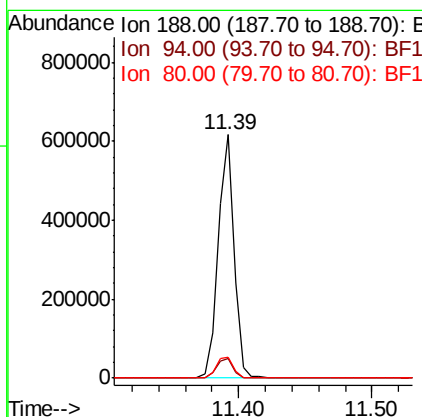
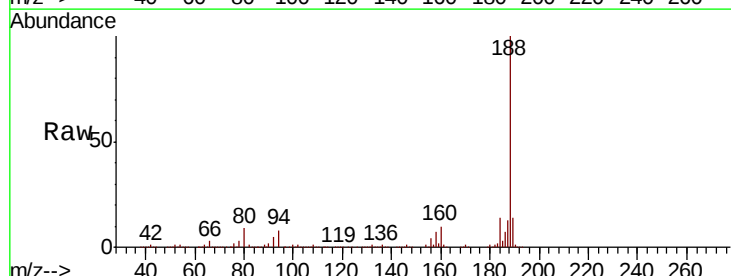
Instrument :  
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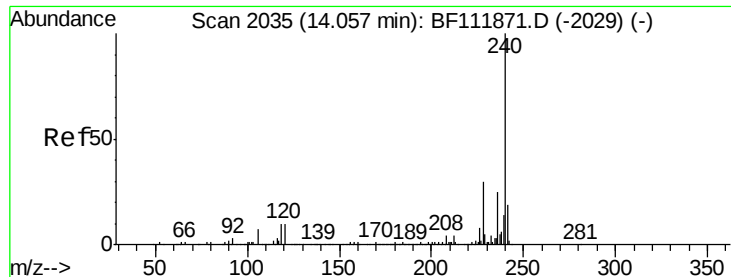
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.2   | 3.4   | 5.2   |
| 164     | 9.9   | 8.5   | 12.7  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.39 min Scan# 1582  
Delta R.T. -0.01 min  
Lab File: BF112058.D  
Acq: 14 Jan 2019 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.2   | 6.6   | 10.0  |
| 80      | 8.6   | 7.7   | 11.5  |

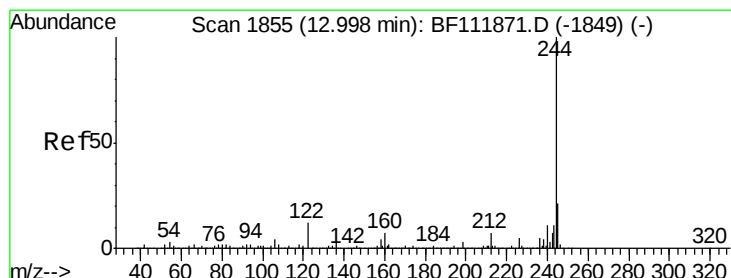
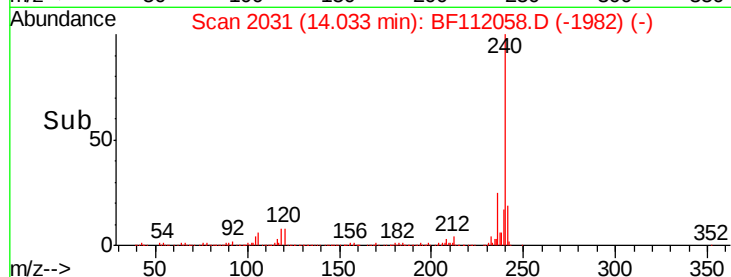
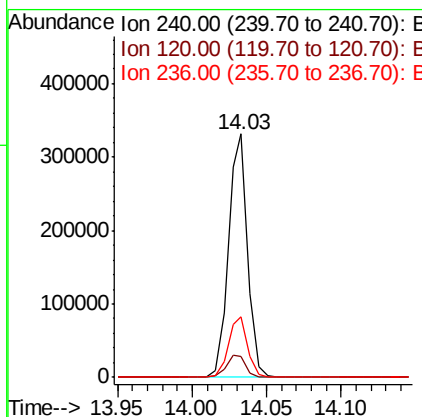
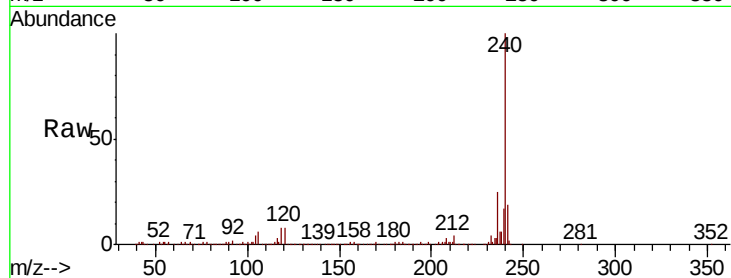




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 14.03 min Scan# 2031  
 Delta R.T. -0.01 min  
 Lab File: BF112058.D  
 Acq: 14 Jan 2019 18:41

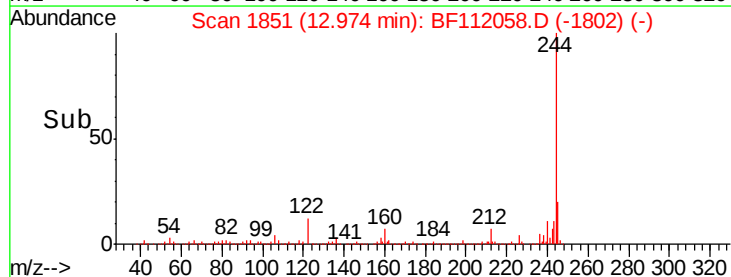
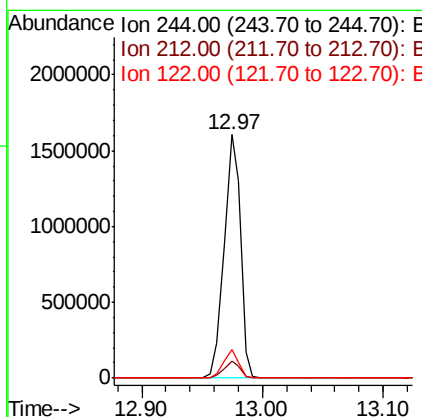
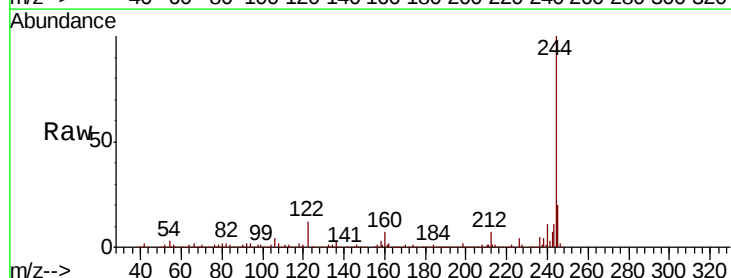
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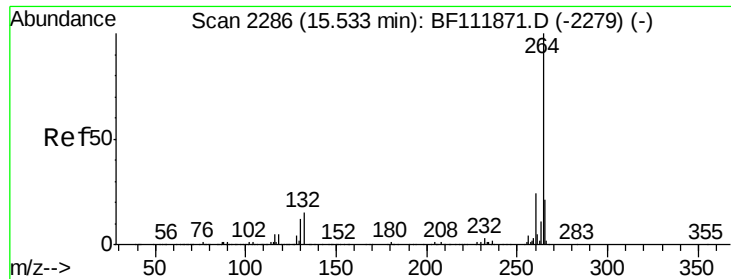
Tot Ion:240 Resp: 300658  
 Ion Ratio Lower Upper  
 240 100  
 120 8.5 8.2 12.2  
 236 24.9 20.2 30.4



#79  
 Terphenyl-d14  
 Concen: 94.282 ng  
 RT: 12.97 min Scan# 1851  
 Delta R.T. -0.01 min  
 Lab File: BF112058.D  
 Acq: 14 Jan 2019 18:41

Tgt Ion:244 Resp: 1493321  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.8 8.8  
 122 11.6 9.5 14.3





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.51 min Scan# 2282  
Delta R.T. -0.01 min  
Lab File: BF112058.D  
Acq: 14 Jan 2019 18:41

Instrument :  
BNA\_F  
ClientSampleId :  
P-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.2  | 28.8  |
| 265     | 21.5  | 17.1  | 25.7  |

