

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101620\  
 Data File : BF122018.D  
 Acq On : 16 Oct 2020 18:51  
 Operator : JU/CG  
 Sample : L4224-10  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-03-101520

Quant Time: Oct 16 23:59:43 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 15 12:55:05 2020  
 Response via : Initial Calibration

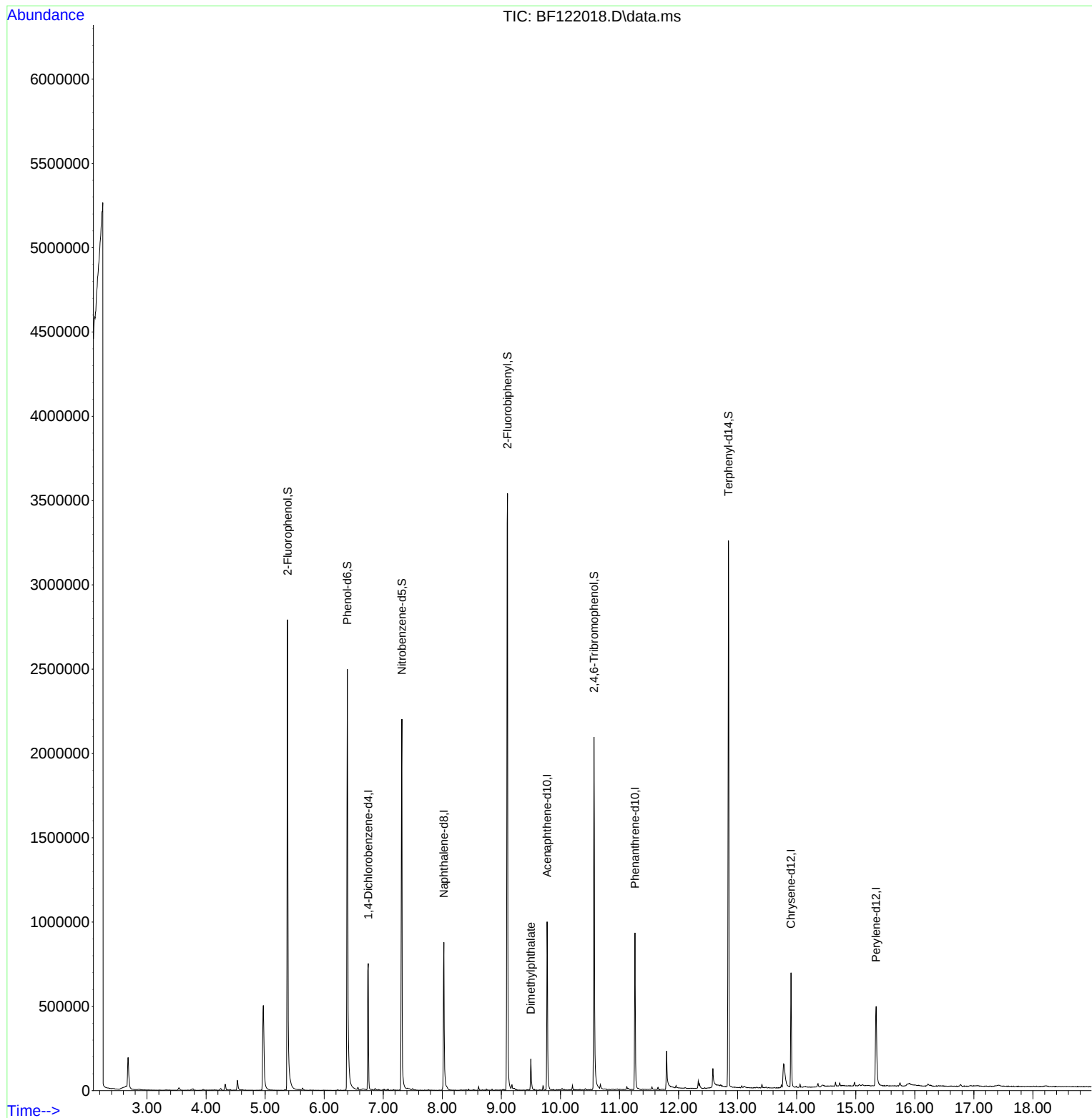
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|--------|------|----------|--------|-------|---------------|
| -----                       |        |      |          |        |       |               |
| Internal Standards          |        |      |          |        |       |               |
| 1) 1,4-Dichlorobenzene-d4   | 6.745  | 152  | 113280   | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 8.028  | 136  | 433767   | 20.00  | ng    | 0.00          |
| 39) Acenaphthene-d10        | 9.775  | 164  | 212396   | 20.00  | ng    | 0.00          |
| 64) Phenanthrene-d10        | 11.263 | 188  | 349761   | 20.00  | ng    | 0.00          |
| 76) Chrysene-d12            | 13.904 | 240  | 242537   | 20.00  | ng    | 0.00          |
| 86) Perylene-d12            | 15.345 | 264  | 253291   | 20.00  | ng    | 0.00          |
| System Monitoring Compounds |        |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.381  | 112  | 837052   | 109.06 | ng    | 0.02          |
| 7) Phenol-d6                | 6.392  | 99   | 984336   | 99.63  | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 7.316  | 82   | 767025   | 90.69  | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 306049   | 116.48 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 9.104  | 172  | 1271551  | 88.08  | ng    | 0.00          |
| 79) Terphenyl-d14           | 12.845 | 244  | 1064460  | 83.64  | ng    | 0.00          |
| Target Compounds            |        |      |          |        |       |               |
| 50) Dimethylphthalate       | 9.498  | 163  | 85768    | 5.52   | ng    | Qvalue<br>100 |
| -----                       |        |      |          |        |       |               |

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

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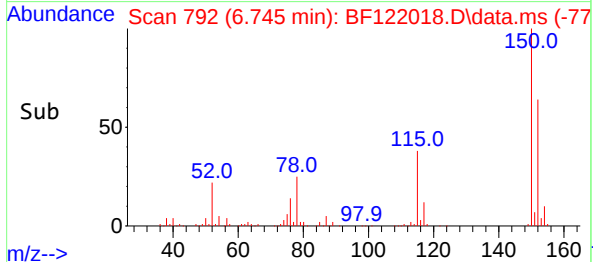
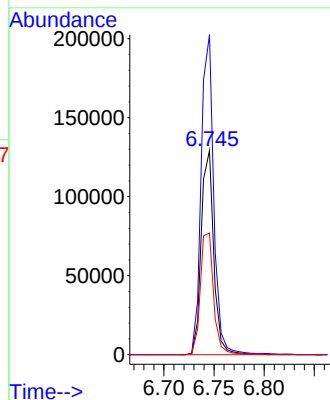
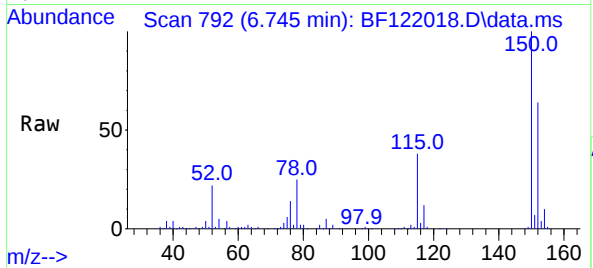




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.745 min Scan# 792  
Delta R.T. 0.000 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

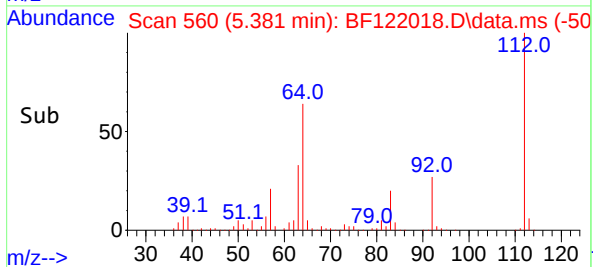
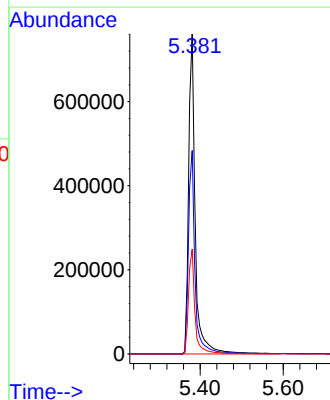
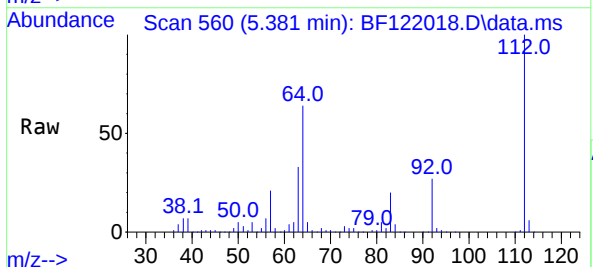
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-101520

Tgt Ion:152 Resp: 113280  
Ion Ratio Lower Upper  
152 100  
150 156.7 125.3 187.9  
115 59.6 51.9 77.9



#5  
2-Fluorophenol  
Concen: 109.06 ng  
RT: 5.381 min Scan# 560  
Delta R.T. 0.018 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

Tgt Ion:112 Resp: 837052  
Ion Ratio Lower Upper  
112 100  
64 63.6 50.4 75.6  
63 32.8 25.8 38.6

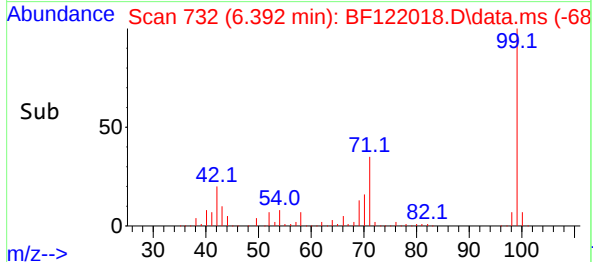
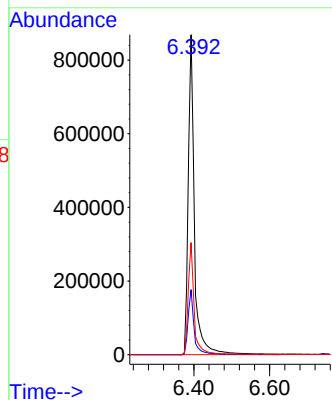
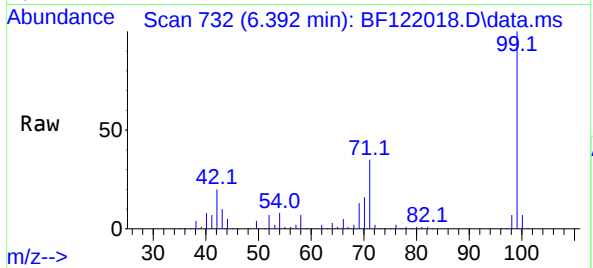




#7  
Phenol-d6  
Concen: 99.63 ng  
RT: 6.392 min Scan# 732  
Delta R.T. 0.000 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

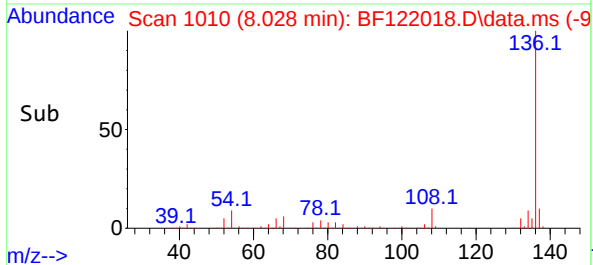
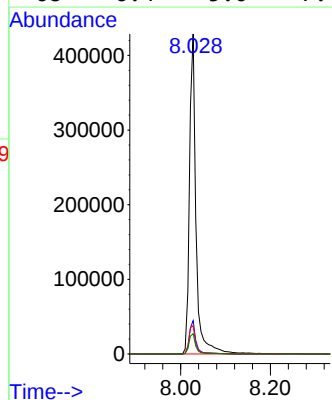
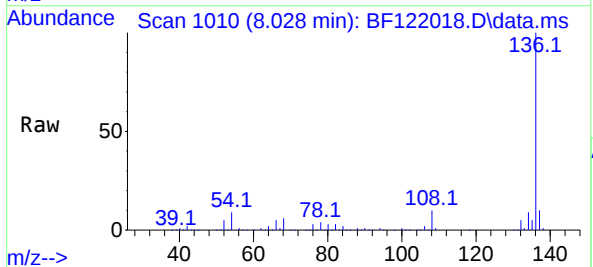
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-101520

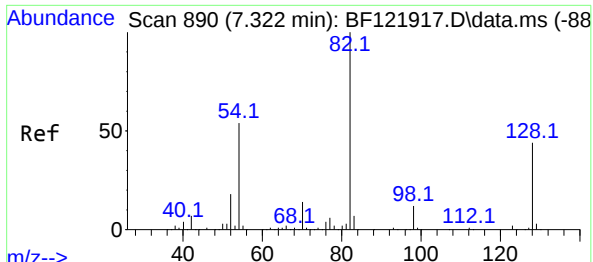
Tgt Ion: 99 Resp: 984336  
Ion Ratio Lower Upper  
99 100  
42 20.4 15.9 23.9  
71 35.1 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

Tgt Ion: 136 Resp: 433767  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 13.0  
54 8.8 7.1 10.7  
68 6.4 5.0 7.4

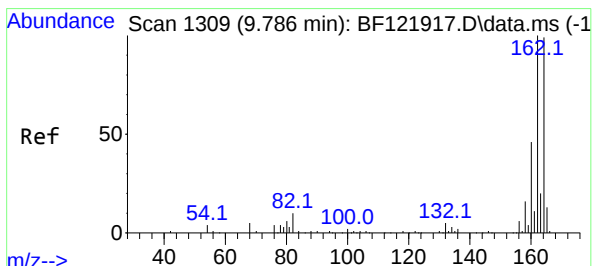
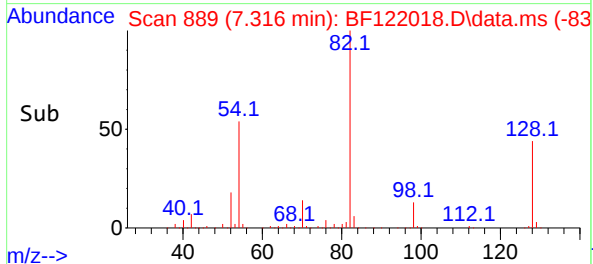
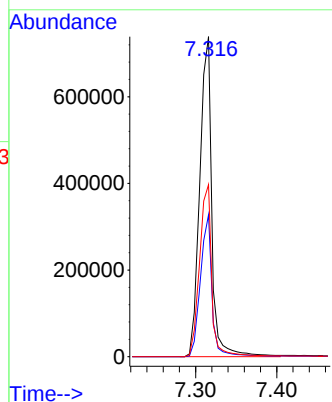
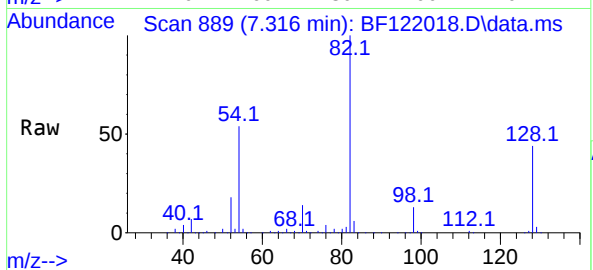




#23  
Nitrobenzene-d5  
Concen: 90.69 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

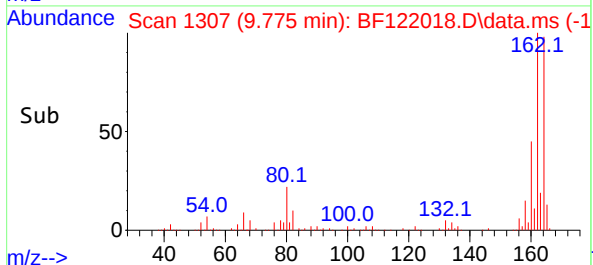
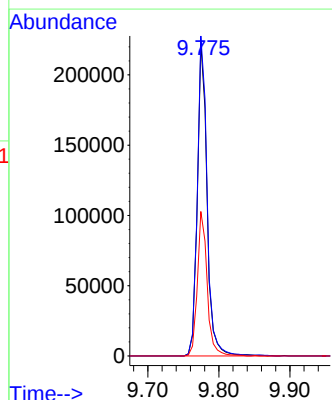
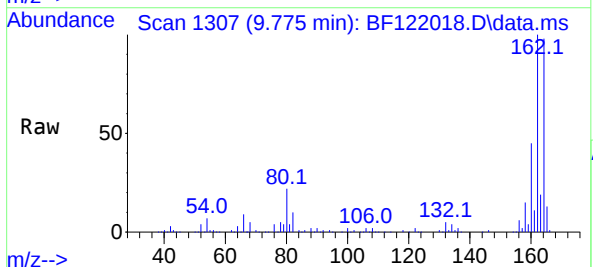
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-101520

Tgt Ion: 82 Resp: 767025  
Ion Ratio Lower Upper  
82 100  
128 44.3 35.0 52.4  
54 53.8 43.9 65.9



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

Tgt Ion: 164 Resp: 212396  
Ion Ratio Lower Upper  
164 100  
162 102.3 83.2 124.8  
160 46.2 37.5 56.3

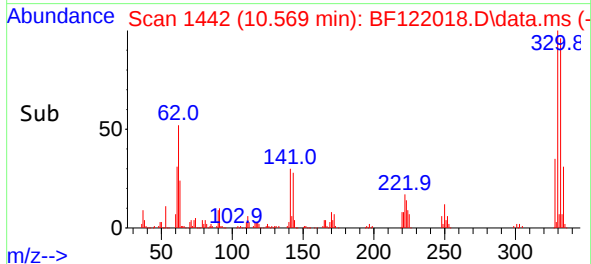
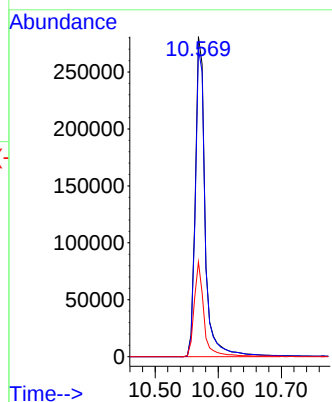
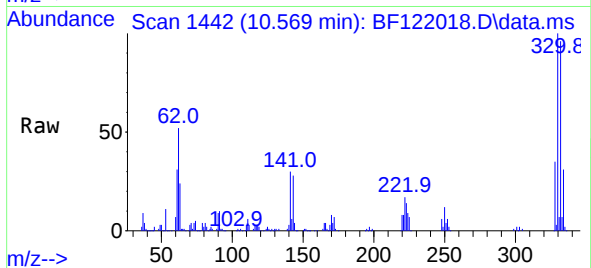




#42  
2,4,6-Tribromophenol  
Concen: 116.48 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

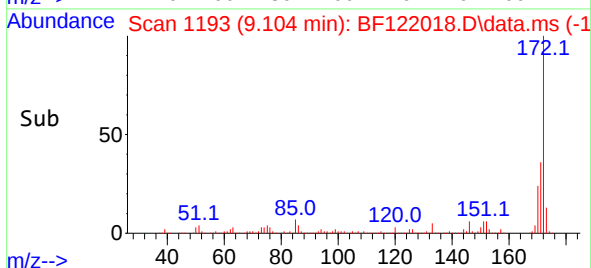
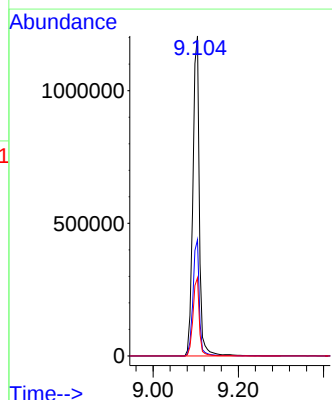
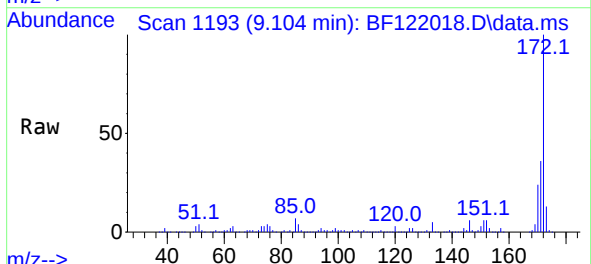
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-101520

Tgt Ion:330 Resp: 306049  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.3 115.9  
141 29.2 22.3 33.5



#45  
2-Fluorobiphenyl  
Concen: 88.08 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

Tgt Ion:172 Resp: 1271551  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.1 43.7  
170 24.4 19.8 29.6

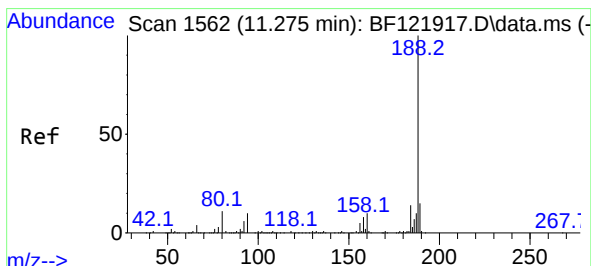
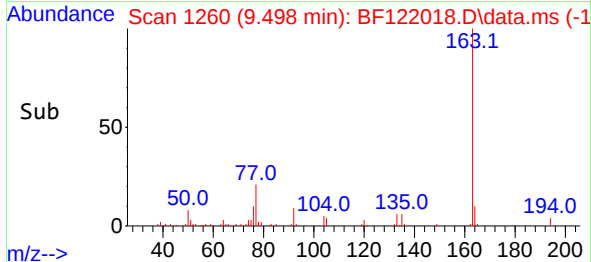
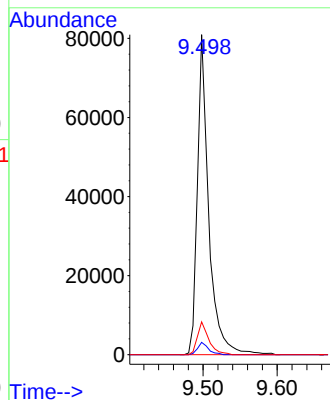
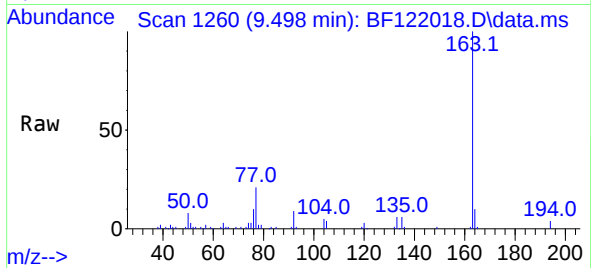




#50  
Dimethylphthalate  
Concen: 5.52 ng  
RT: 9.498 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

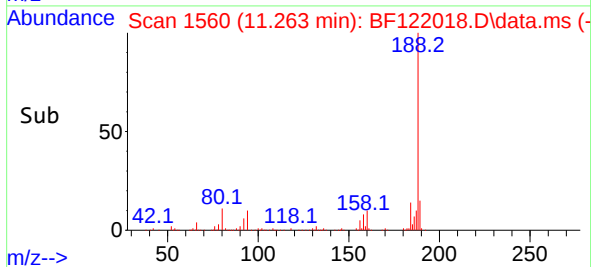
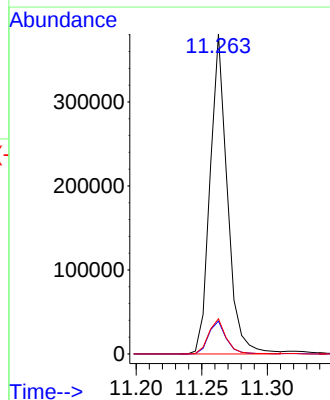
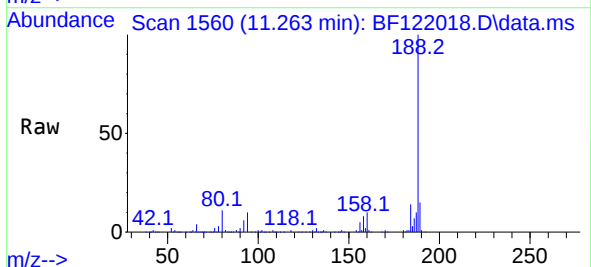
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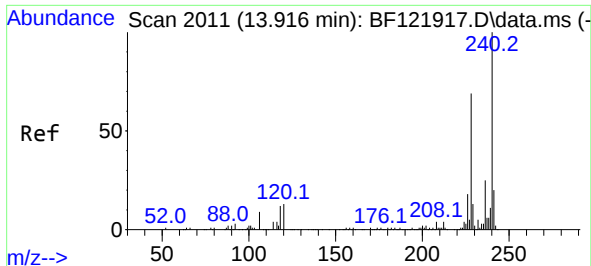
Tgt Ion:163 Resp: 85768  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 10.2 8.2 12.4



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.263 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

Tgt Ion:188 Resp: 349761  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.3 12.5  
80 11.0 9.1 13.7

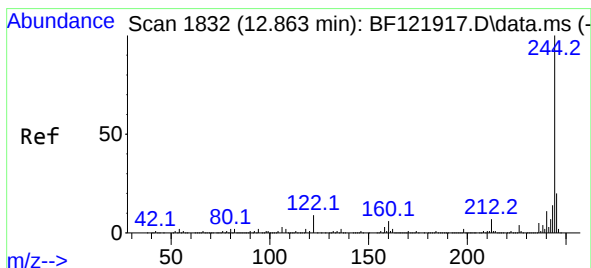
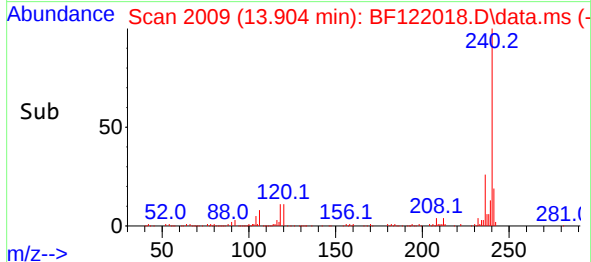
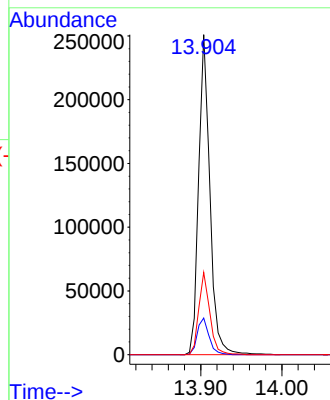
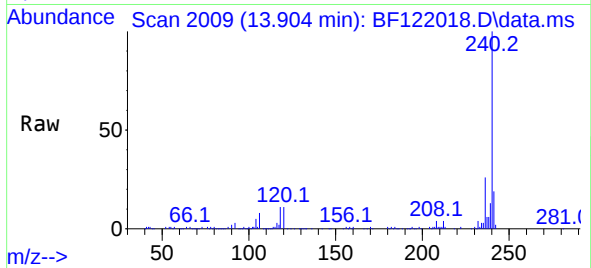




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.904 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

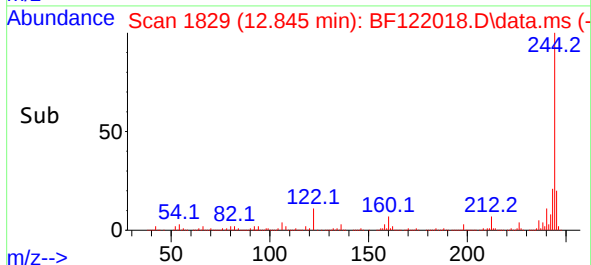
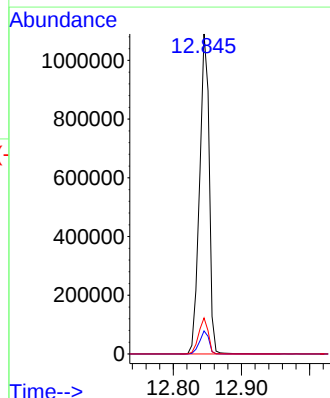
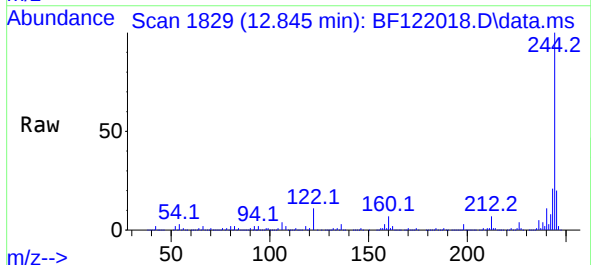
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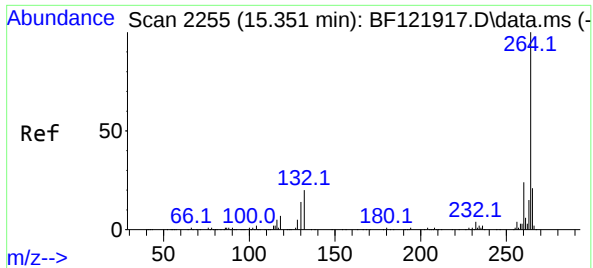
Tgt Ion:240 Resp: 242537  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.2 13.8  
236 25.7 20.9 31.3



#79  
Terphenyl-d14  
Concen: 83.64 ng  
RT: 12.845 min Scan# 1829  
Delta R.T. -0.006 min  
Lab File: BF122018.D  
Acq: 16 Oct 2020 18:51

Tgt Ion:244 Resp: 1064460  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.4 8.2  
122 11.3 8.1 12.1





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.345 min Scan# 2254  
 Delta R.T. 0.006 min  
 Lab File: BF122018.D  
 Acq: 16 Oct 2020 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-03-101520

Tgt Ion:264 Resp: 253291

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 18.7  | 28.1  |
| 265 | 21.0  | 17.3  | 25.9  |

