

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102120\  
 Data File : BF122071.D  
 Acq On : 22 Oct 2020 1:51  
 Operator : JU/CG  
 Sample : L4455-03  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HP-627

Quant Time: Oct 22 03:04:02 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 21 12:04:42 2020  
 Response via : Initial Calibration

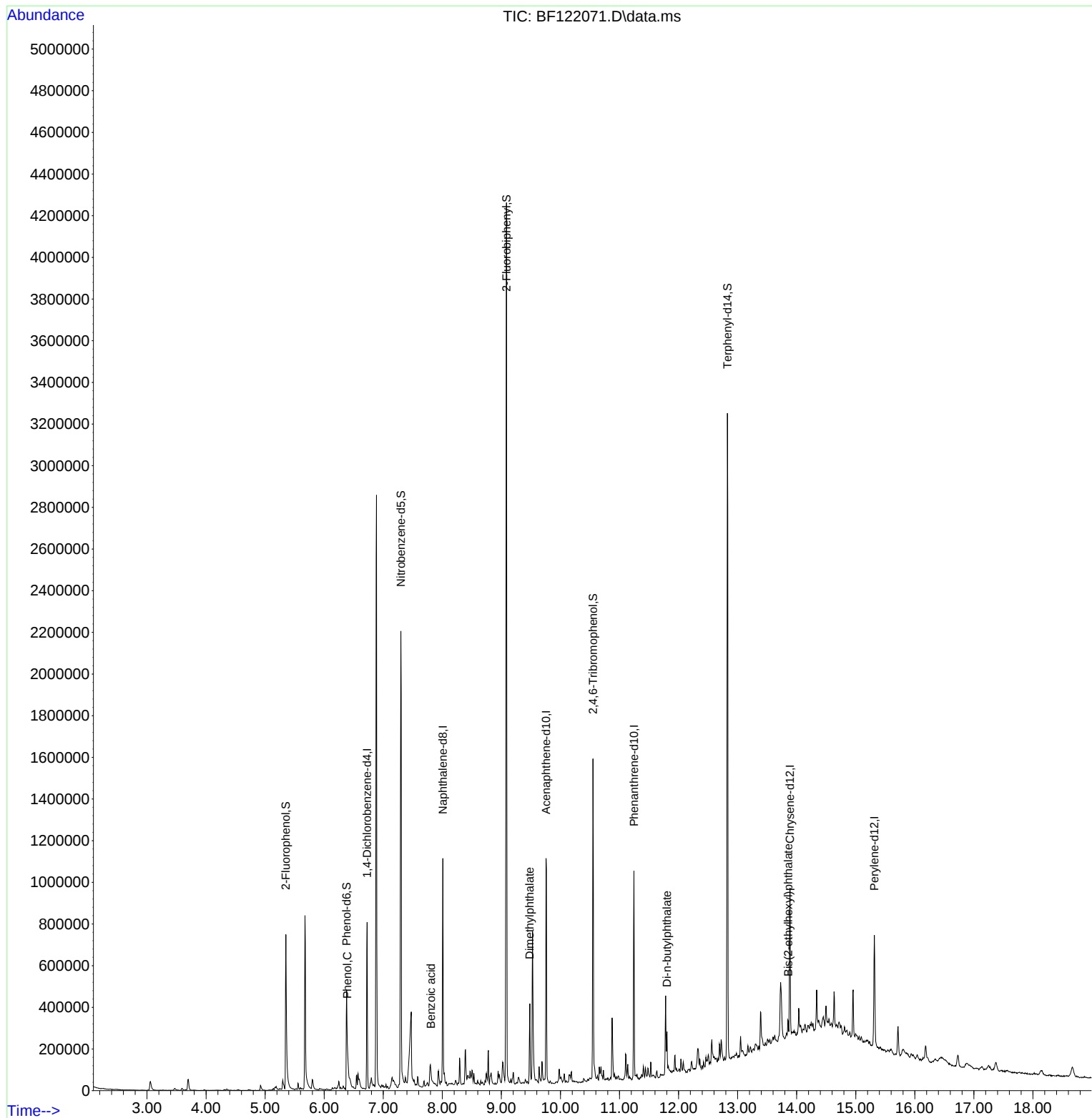
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.728  | 152  | 115412   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.010  | 136  | 437874   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.757  | 164  | 209868   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.245 | 188  | 338447   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.886 | 240  | 242761   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.315 | 264  | 208162   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.351  | 112  | 268348   | 34.32 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.381  | 99   | 207780   | 20.64 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.298  | 82   | 809137   | 94.77 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.551 | 330  | 188599   | 72.65 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.086  | 172  | 1280695  | 89.79 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.827 | 244  | 1169895  | 91.84 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 10) Phenol                    | 6.393  | 94   | 34077    | 3.28  | ng    | 96       |
| 32) Benzoic acid              | 7.810  | 122  | 12073    | 10.16 | ng    | 94       |
| 50) Dimethylphthalate         | 9.481  | 163  | 120128   | 7.83  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.804 | 149  | 77492    | 3.94  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.857 | 149  | 23348    | 2.34  | ng #  | 96       |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102120\  
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Sample : L4455-03  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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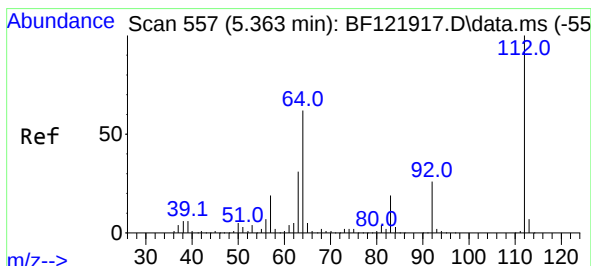
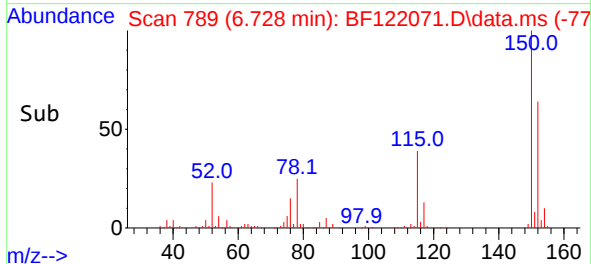
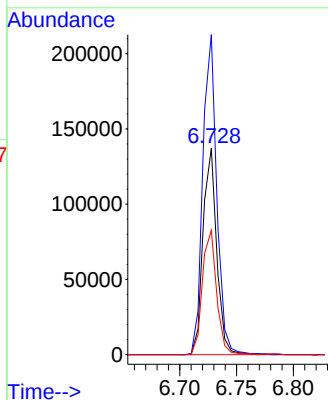
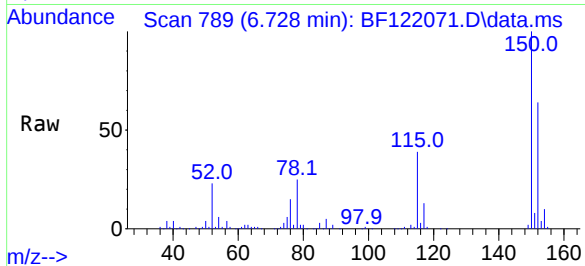




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.728 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

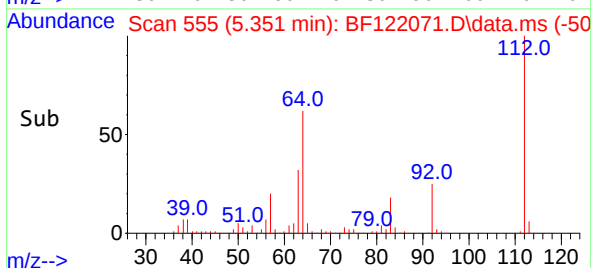
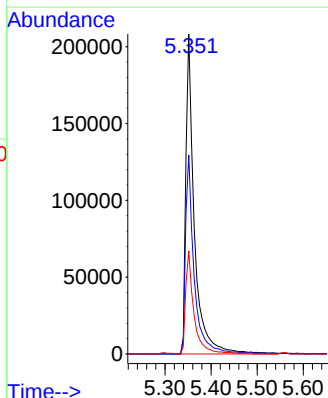
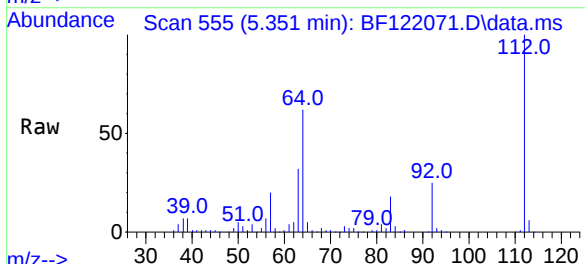
Instrument :  
BNA\_F  
ClientSampleId :  
HP-627

Tgt Ion:152 Resp: 115412  
Ion Ratio Lower Upper  
152 100  
150 155.1 125.3 187.9  
115 60.2 51.9 77.9



#5  
2-Fluorophenol  
Concen: 34.32 ng  
RT: 5.351 min Scan# 555  
Delta R.T. 0.006 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

Tgt Ion:112 Resp: 268348  
Ion Ratio Lower Upper  
112 100  
64 62.2 50.4 75.6  
63 32.2 25.8 38.6

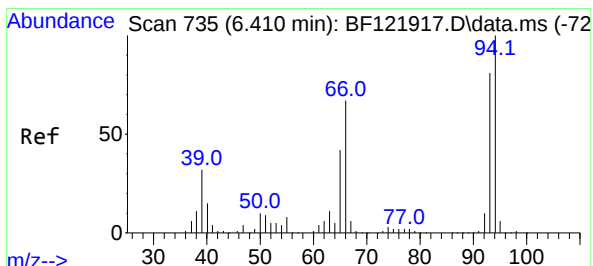
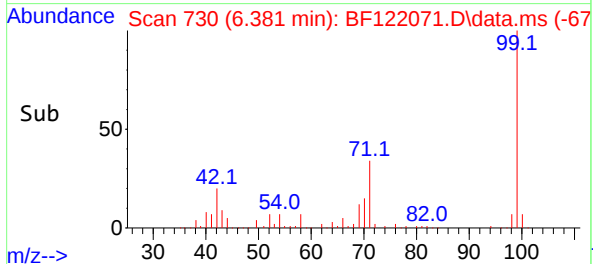
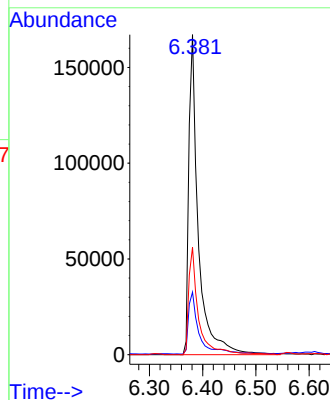
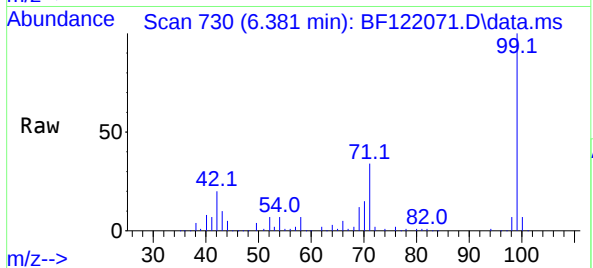




#7  
Phenol-d6  
Concen: 20.64 ng  
RT: 6.381 min Scan# 730  
Delta R.T. -0.000 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

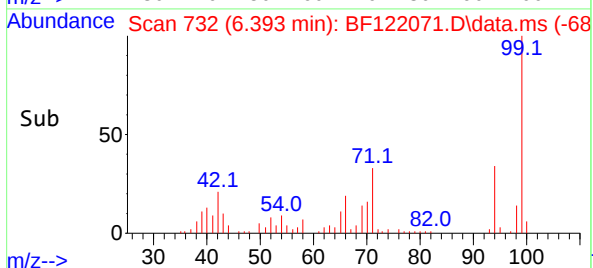
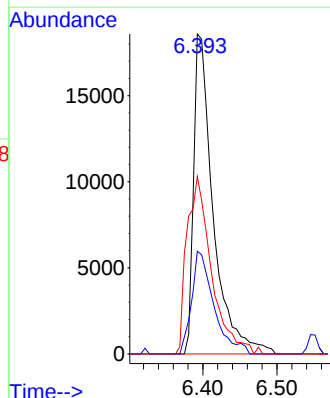
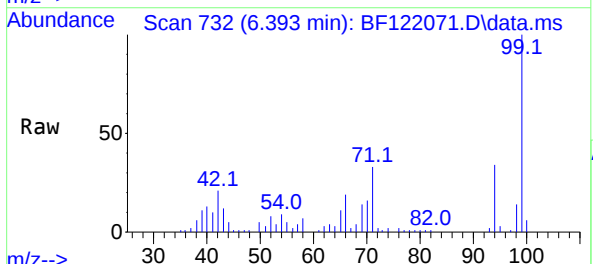
Instrument :  
BNA\_F  
ClientSampleId :  
HP-627

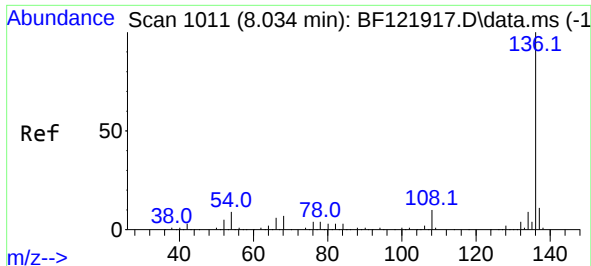
Tgt Ion: 99 Resp: 207780  
Ion Ratio Lower Upper  
99 100  
42 19.5 15.9 23.9  
71 33.6 27.1 40.7



#10  
Phenol  
Concen: 3.28 ng  
RT: 6.393 min Scan# 732  
Delta R.T. -0.006 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

Tgt Ion: 94 Resp: 34077  
Ion Ratio Lower Upper  
94 100  
65 32.1 17.1 57.1  
66 55.5 36.0 76.0



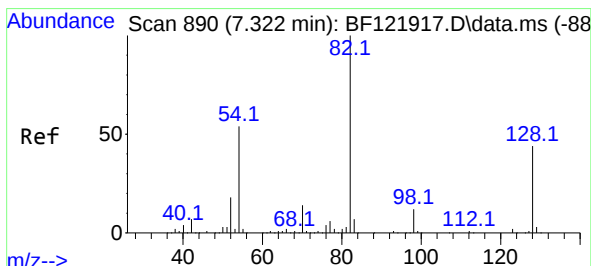
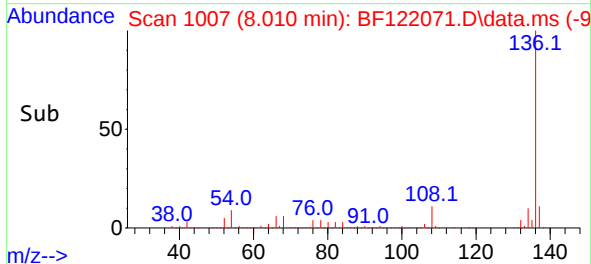
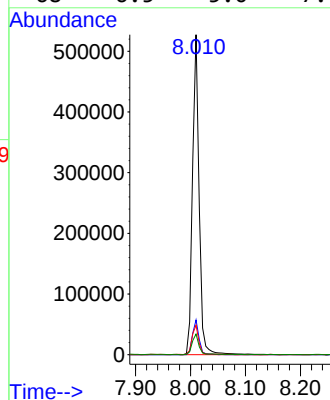
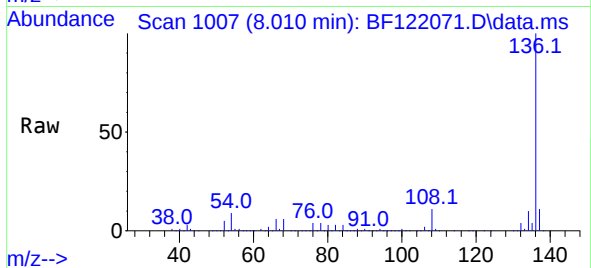


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. -0.000 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:136 Resp: 437874

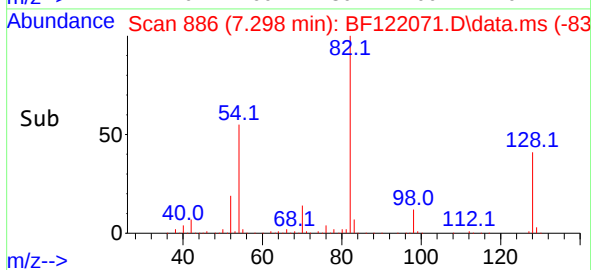
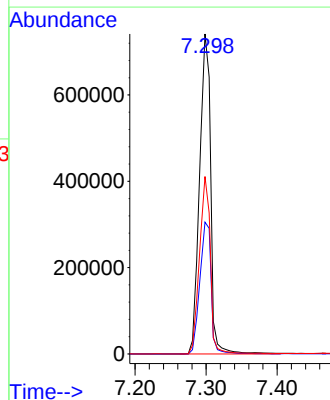
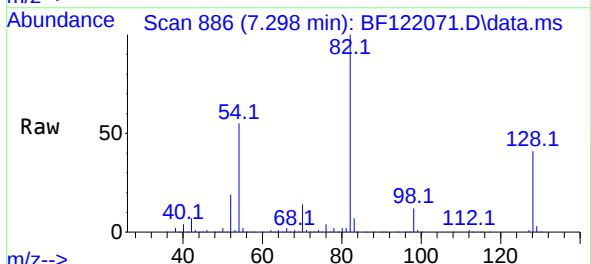
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 13.0  |
| 54  | 9.2   | 7.1   | 10.7  |
| 68  | 6.5   | 5.0   | 7.4   |

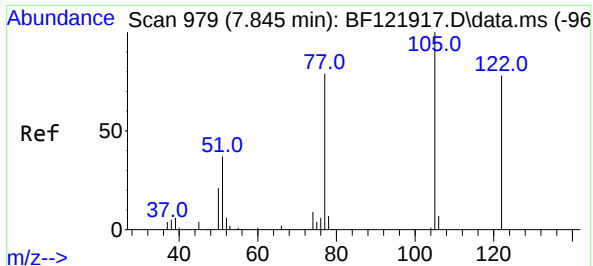


#23  
Nitrobenzene-d5  
Concen: 94.77 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

Tgt Ion: 82 Resp: 809137

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.2  | 35.0  | 52.4  |
| 54  | 55.4  | 43.9  | 65.9  |



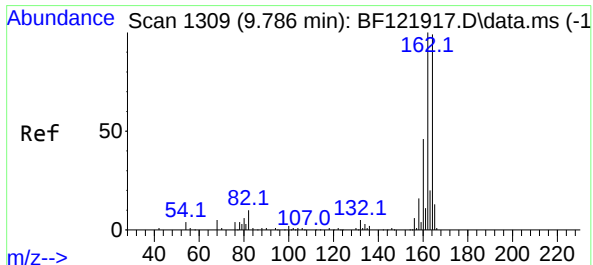
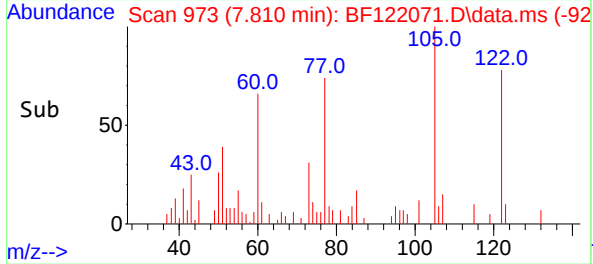
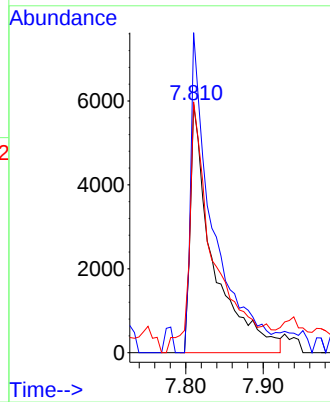
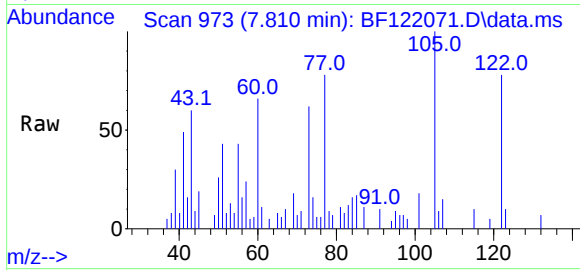


#32  
Benzoic acid  
Concen: 10.16 ng  
RT: 7.810 min Scan# 973  
Delta R.T. -0.035 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

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Tgt Ion:122 Resp: 12073

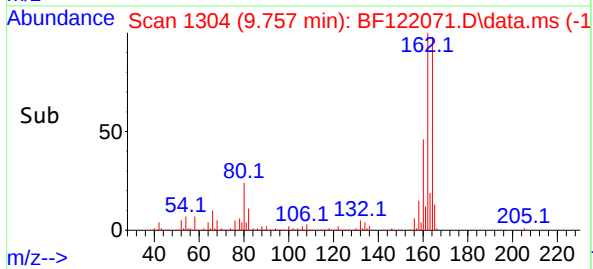
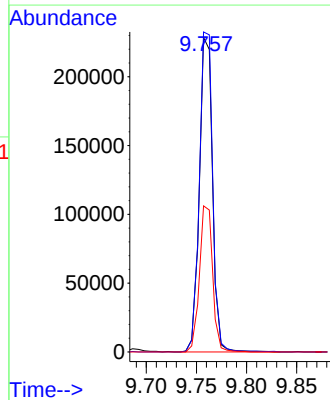
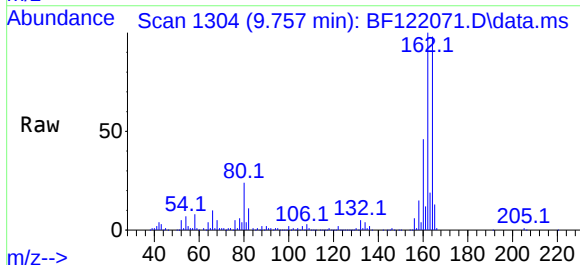
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 128.9 | 103.3 | 143.3 |
| 77  | 101.1 | 73.9  | 113.9 |

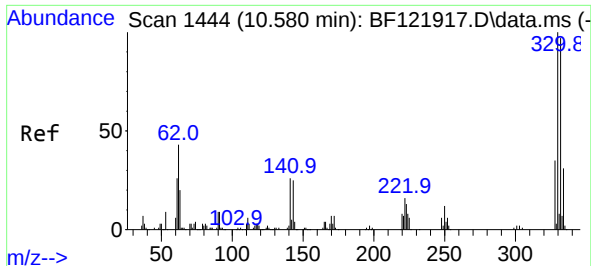


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.757 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

Tgt Ion:164 Resp: 209868

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.7 | 83.2  | 124.8 |
| 160 | 46.4  | 37.5  | 56.3  |

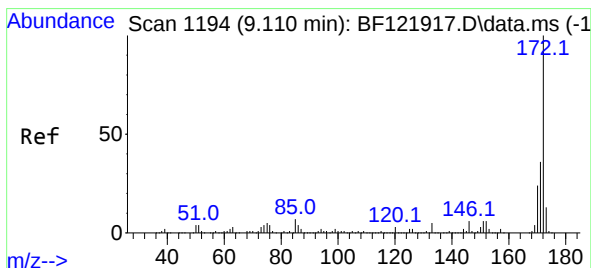
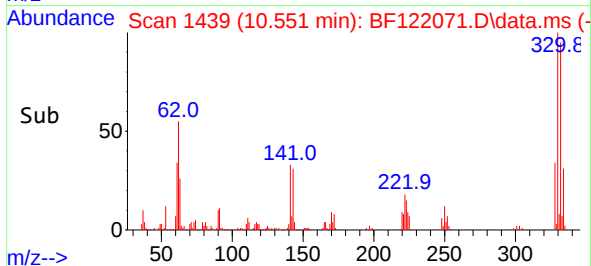
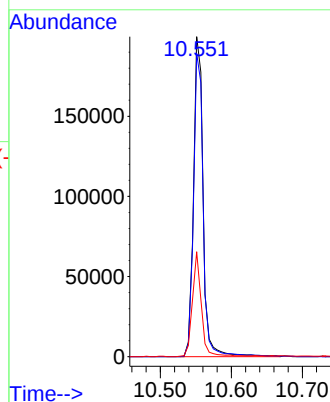
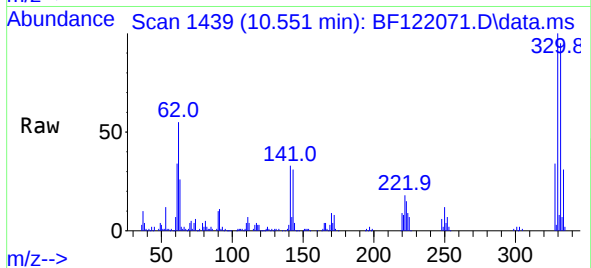




#42  
2,4,6-Tribromophenol  
Concen: 72.65 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. -0.006 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

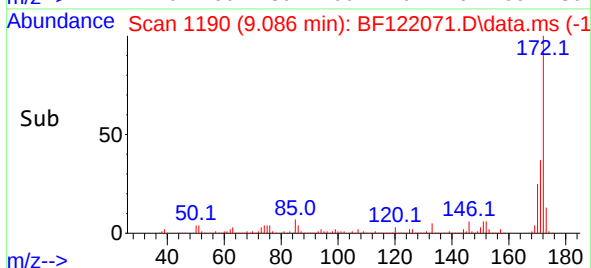
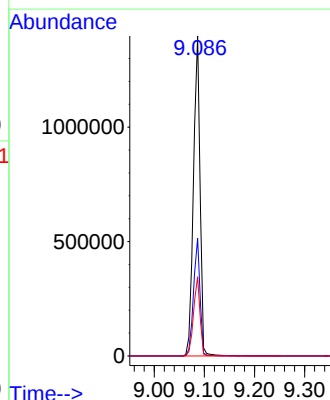
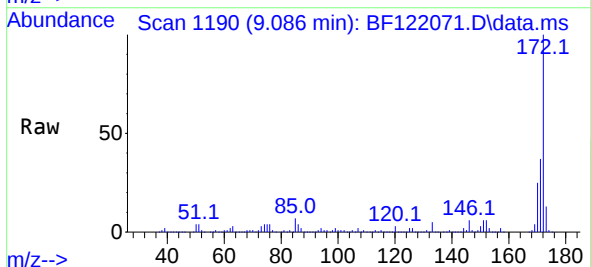
Instrument :  
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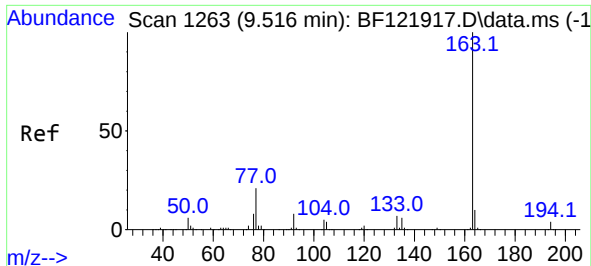
Tgt Ion:330 Resp: 188599  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.3 115.9  
141 30.8 22.3 33.5



#45  
2-Fluorobiphenyl  
Concen: 89.79 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

Tgt Ion:172 Resp: 1280695  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.1 43.7  
170 24.8 19.8 29.6

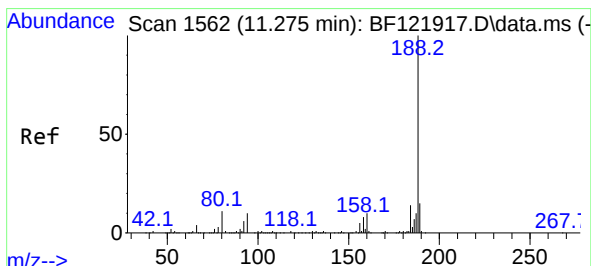
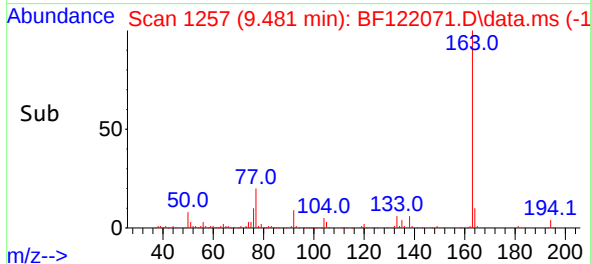
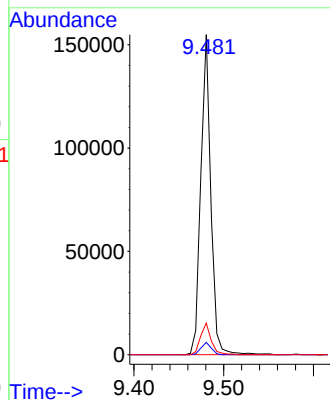
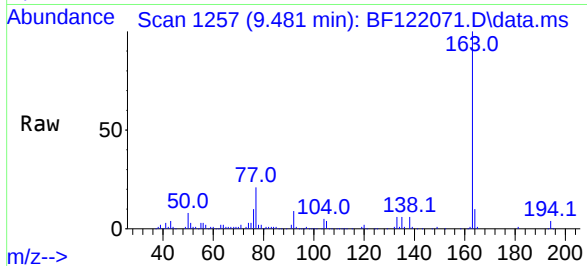




#50  
Dimethylphthalate  
Concen: 7.83 ng  
RT: 9.481 min Scan# 1257  
Delta R.T. -0.012 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

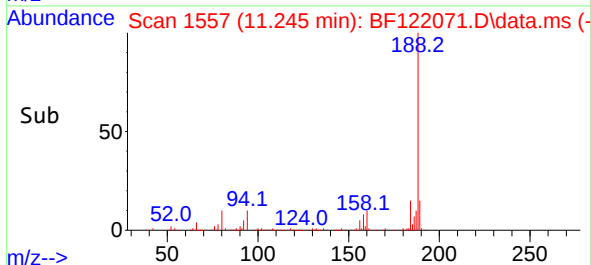
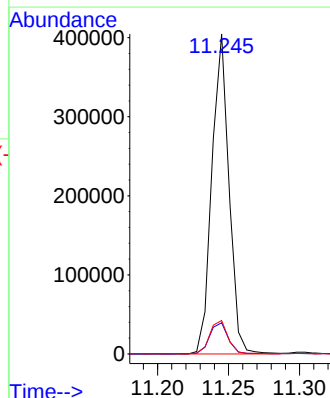
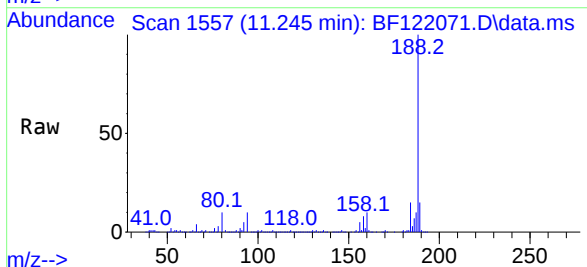
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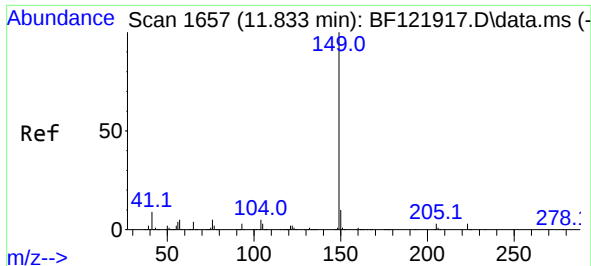
Tgt Ion:163 Resp: 120128  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 9.9 8.2 12.4



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.245 min Scan# 1557  
Delta R.T. -0.000 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

Tgt Ion:188 Resp: 338447  
Ion Ratio Lower Upper  
188 100  
94 9.8 8.3 12.5  
80 10.4 9.1 13.7

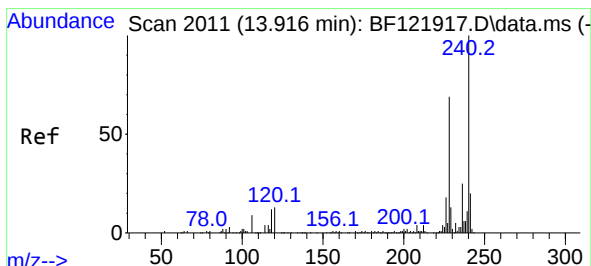
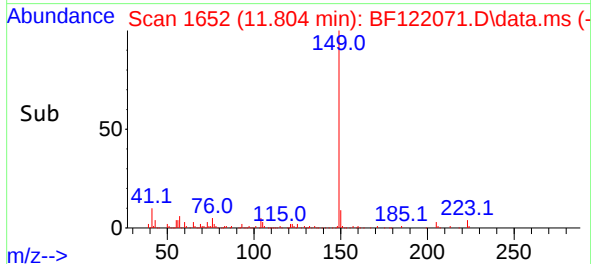
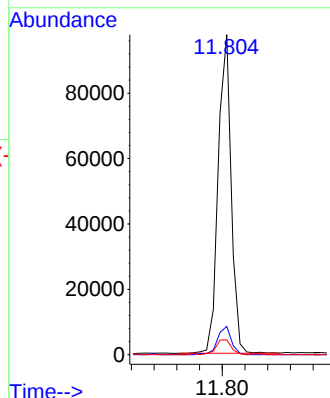
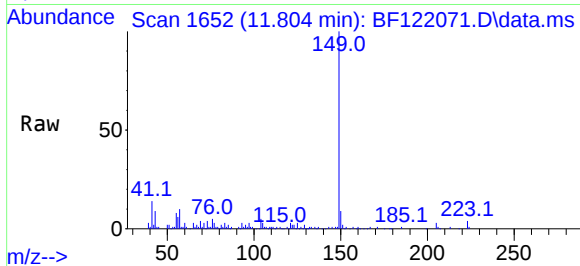




#74  
Di-n-butylphthalate  
Concen: 3.94 ng  
RT: 11.804 min Scan# 1652  
Delta R.T. -0.006 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

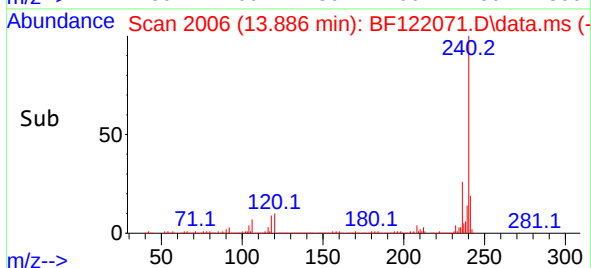
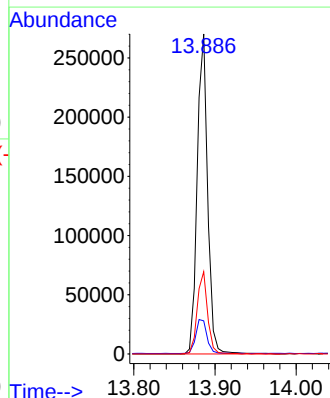
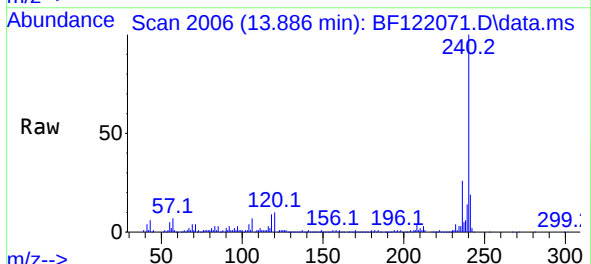
Instrument :  
BNA\_F  
ClientSampleId :  
HP-627

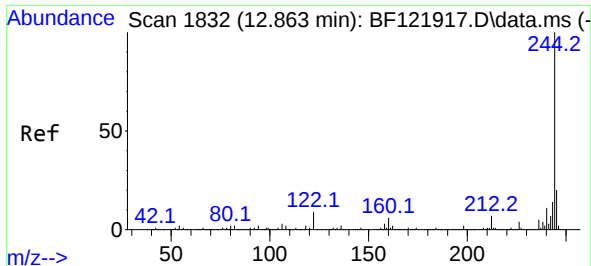
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Ion Ratio Lower Upper  
149 100  
150 8.9 7.7 11.5  
104 4.6 4.2 6.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: BF122071.D  
Acq: 22 Oct 2020 1:51

Tgt Ion:240 Resp: 242761  
Ion Ratio Lower Upper  
240 100  
120 10.4 9.2 13.8  
236 25.7 20.9 31.3

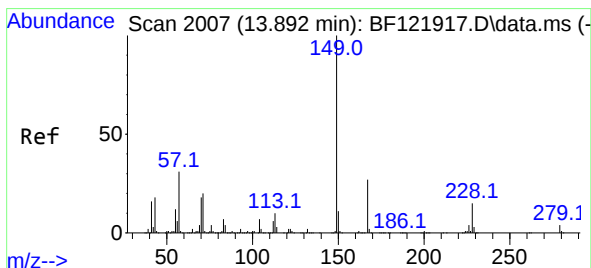
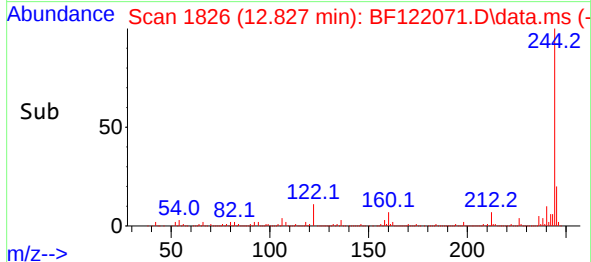
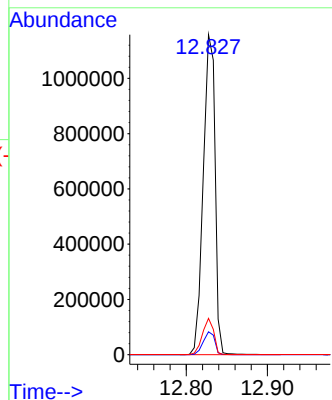
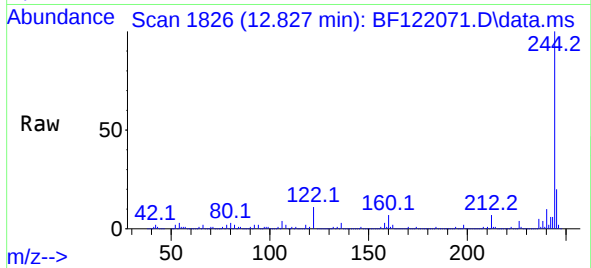




#79  
 Terphenyl-d14  
 Concen: 91.84 ng  
 RT: 12.827 min Scan# 1826  
 Delta R.T. -0.006 min  
 Lab File: BF122071.D  
 Acq: 22 Oct 2020 1:51

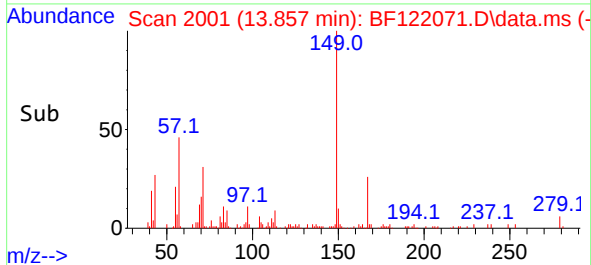
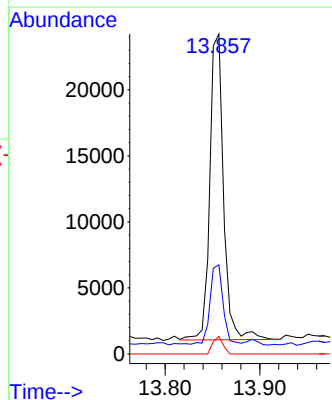
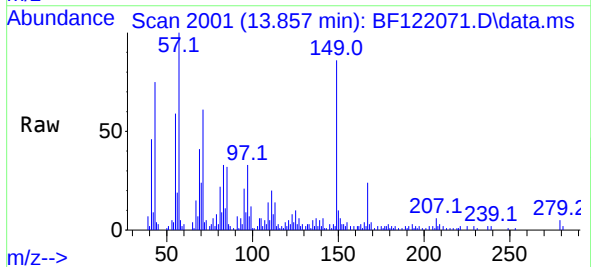
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HP-627

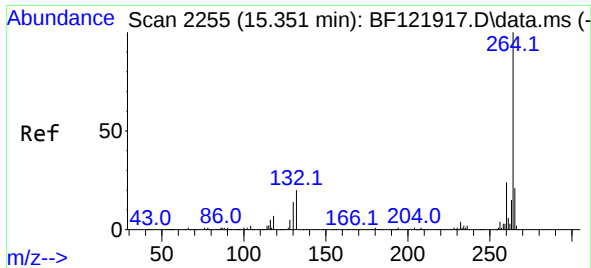
Tgt Ion:244 Resp: 1169895  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.4 8.2  
 122 11.4 8.1 12.1



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.34 ng  
 RT: 13.857 min Scan# 2001  
 Delta R.T. -0.000 min  
 Lab File: BF122071.D  
 Acq: 22 Oct 2020 1:51

Tgt Ion:149 Resp: 23348  
 Ion Ratio Lower Upper  
 149 100  
 167 27.8 20.9 31.3  
 279 5.5 3.2 4.8#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.315 min Scan# 2249  
 Delta R.T. -0.000 min  
 Lab File: BF122071.D  
 Acq: 22 Oct 2020 1:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HP-627

Tgt Ion:264 Resp: 208162  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.7 28.1  
 265 21.0 17.3 25.9

