

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051021\  
 Data File : BF123901.D  
 Acq On : 11 May 2021 1:48  
 Operator : JU/CG  
 Sample : PB136232BL  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB136232BL

Quant Time: May 11 05:41:39 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 10 16:46:01 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.769  | 152  | 108027   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.051  | 136  | 407691   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.804  | 164  | 244649   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.292 | 188  | 385789   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.927 | 240  | 302996   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.368 | 264  | 240885   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.404  | 112  | 883735   | 119.47 | ng    | 0.01     |
| 7) Phenol-d6                | 6.416  | 99   | 1118329  | 113.27 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.334  | 82   | 810224   | 82.49  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.598 | 330  | 379169   | 105.22 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.133  | 172  | 1578188  | 80.50  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.880 | 244  | 1653732  | 89.19  | ng    | 0.00     |

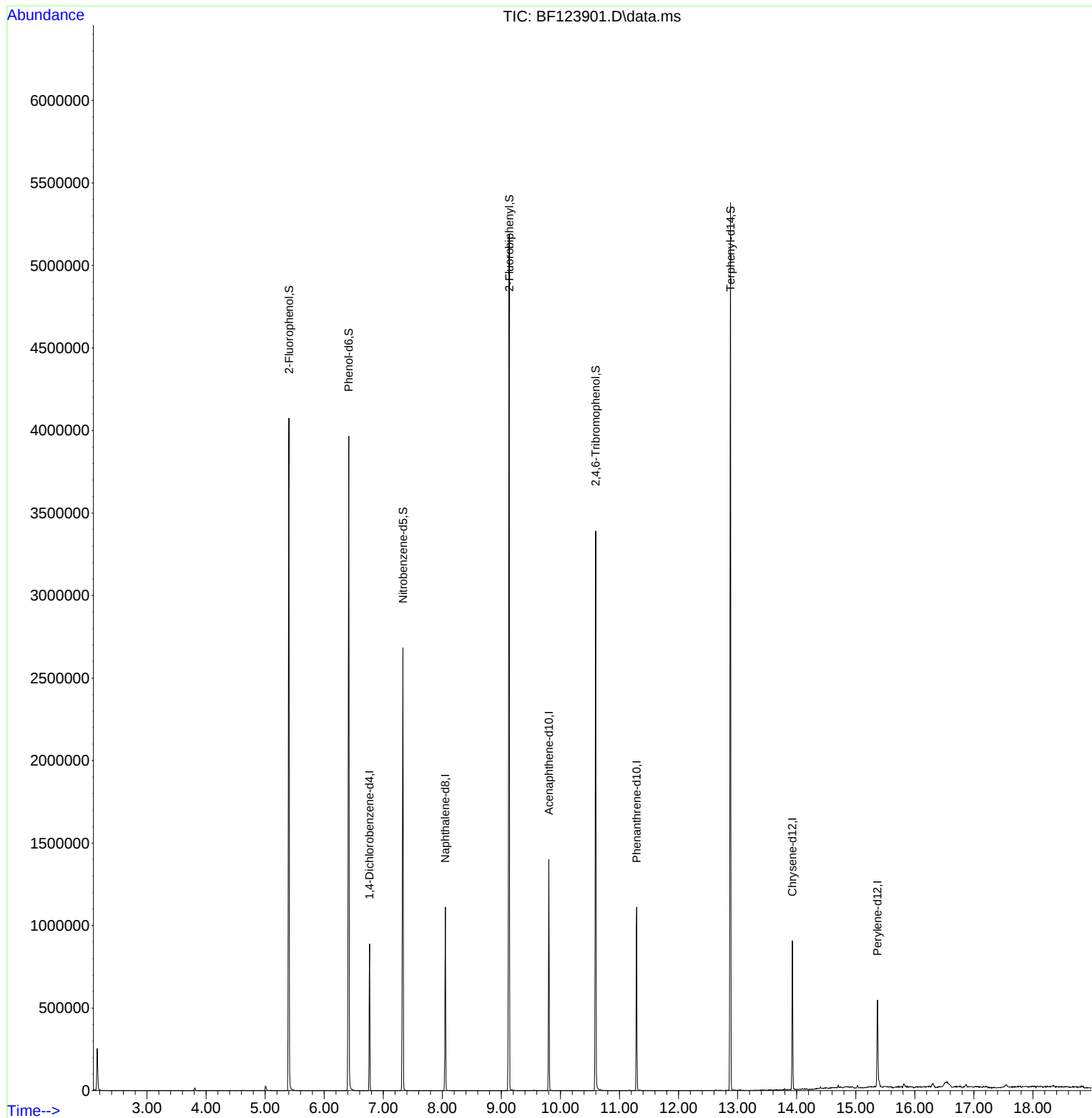
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

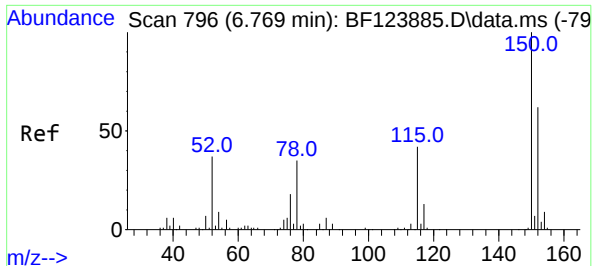
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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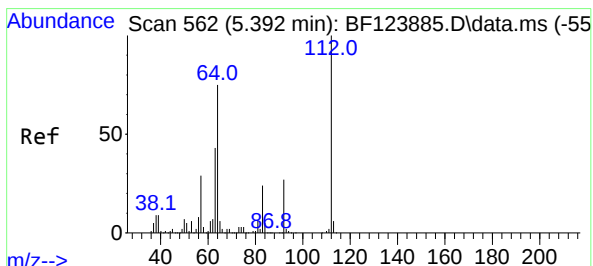
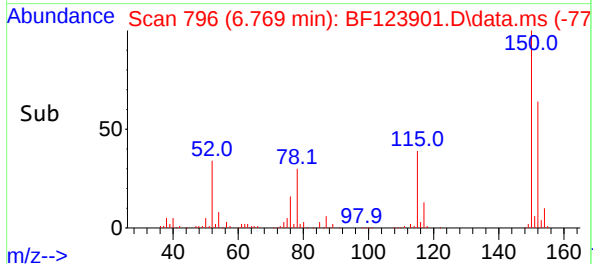
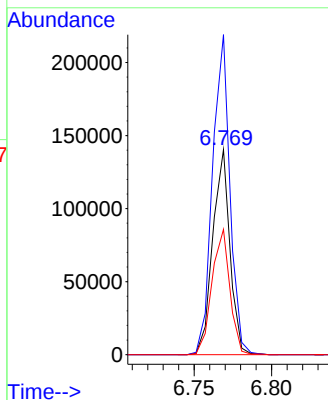
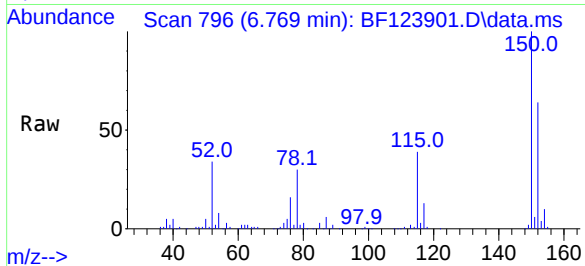




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.769 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

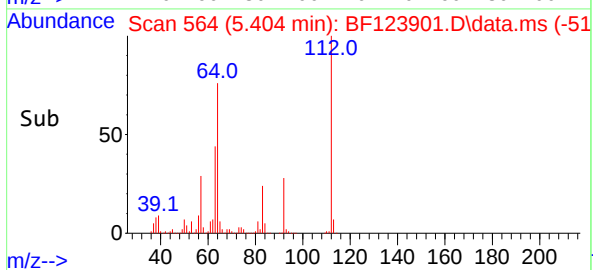
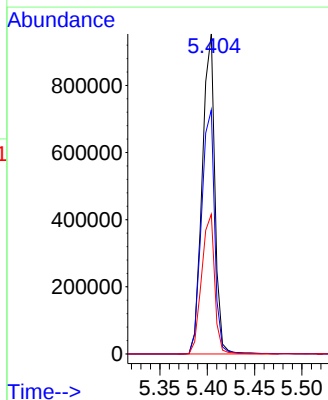
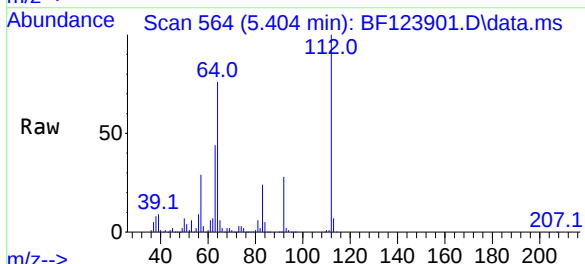
Instrument :  
BNA\_F  
ClientSampleId :  
PB136232BL

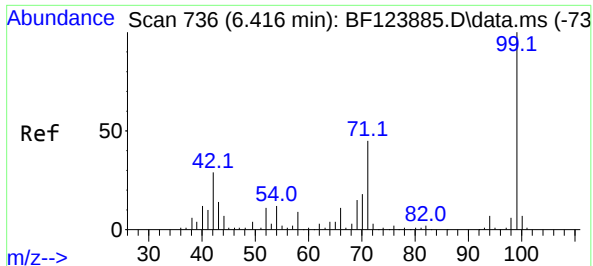
Tgt Ion:152 Resp: 108027  
Ion Ratio Lower Upper  
152 100  
150 156.0 127.0 190.6  
115 61.1 54.3 81.5



#5  
2-Fluorophenol  
Concen: 119.47 ng  
RT: 5.404 min Scan# 564  
Delta R.T. 0.012 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

Tgt Ion:112 Resp: 883735  
Ion Ratio Lower Upper  
112 100  
64 76.2 61.4 92.0  
63 43.7 33.0 49.4



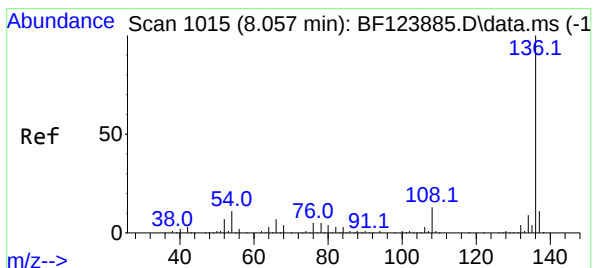
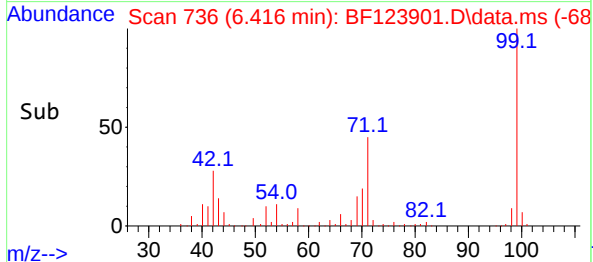
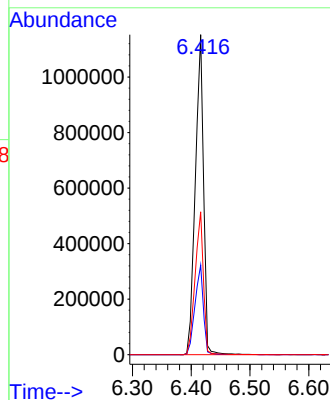
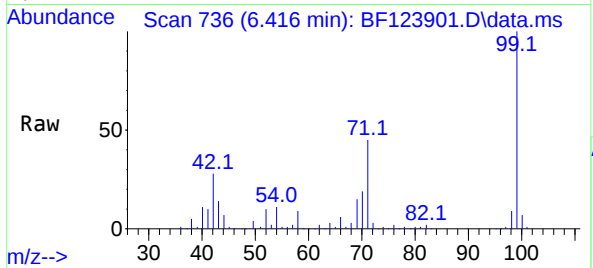


#7  
Phenol-d6  
Concen: 113.27 ng  
RT: 6.416 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB136232BL

Tgt Ion: 99 Resp: 1118329

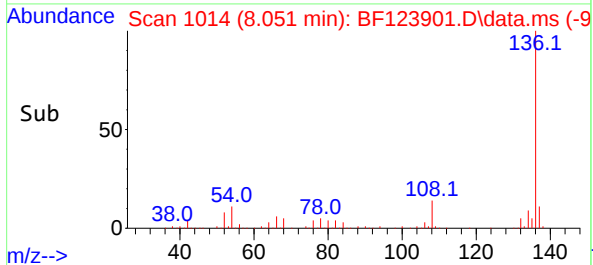
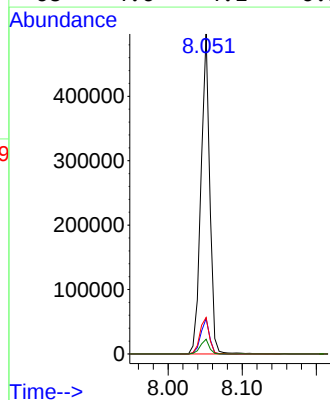
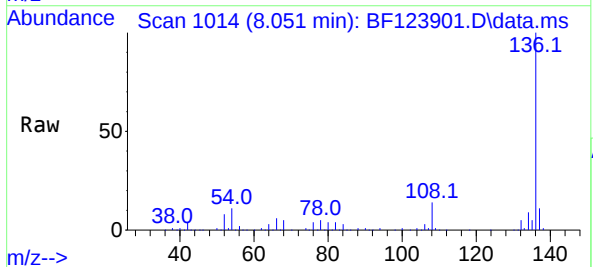
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 28.0  | 19.8  | 29.8  |
| 71  | 44.6  | 31.1  | 46.7  |

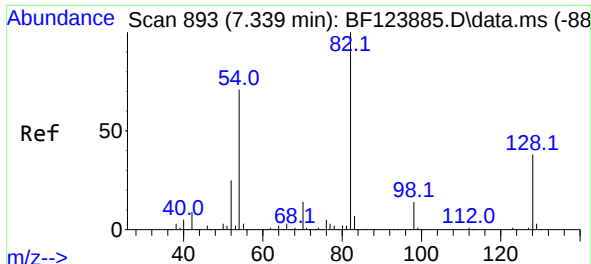


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.051 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

Tgt Ion: 136 Resp: 407691

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.7   | 13.1  |
| 54  | 11.4  | 9.8   | 14.6  |
| 68  | 4.6   | 4.1   | 6.1   |

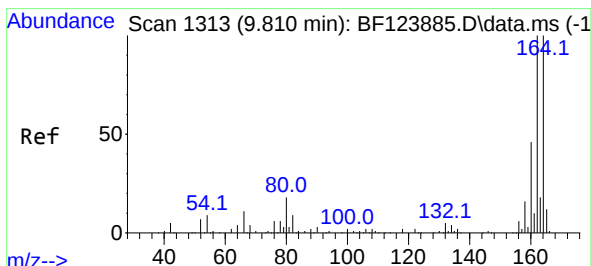
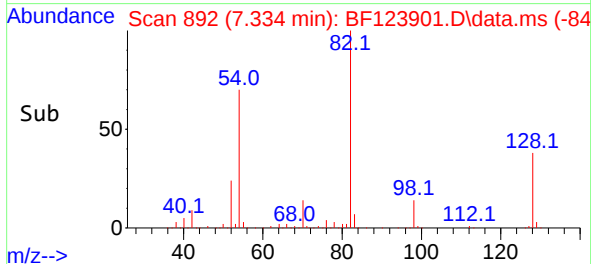
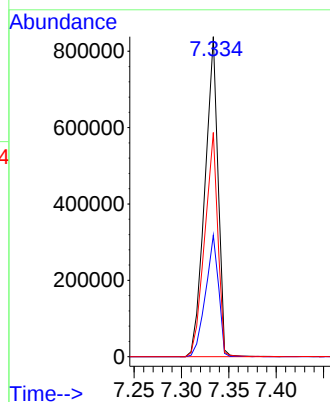
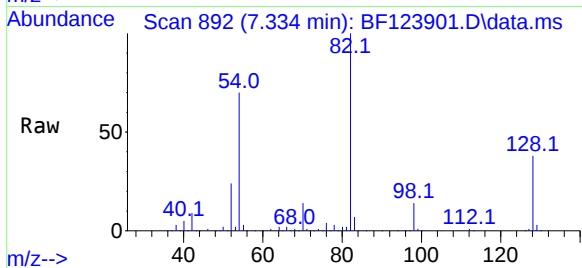




#23  
Nitrobenzene-d5  
Concen: 82.49 ng  
RT: 7.334 min Scan# 892  
Delta R.T. -0.006 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

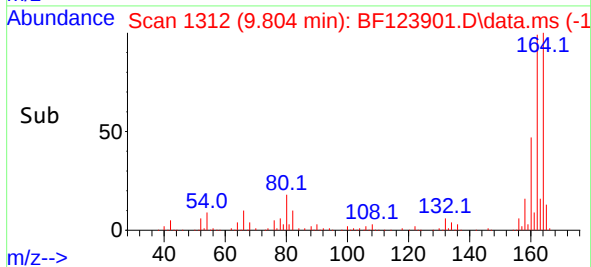
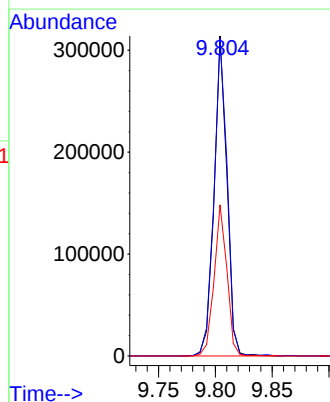
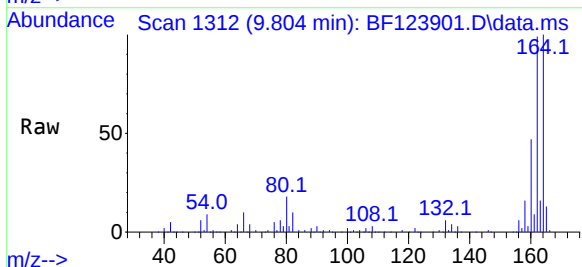
Instrument :  
BNA\_F  
ClientSampleId :  
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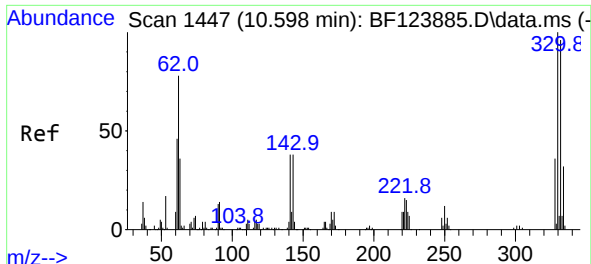
Tgt Ion: 82 Resp: 810224  
Ion Ratio Lower Upper  
82 100  
128 38.0 29.4 44.2  
54 70.0 54.1 81.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.804 min Scan# 1312  
Delta R.T. -0.006 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

Tgt Ion:164 Resp: 244649  
Ion Ratio Lower Upper  
164 100  
162 99.3 80.7 121.1  
160 47.2 37.3 55.9

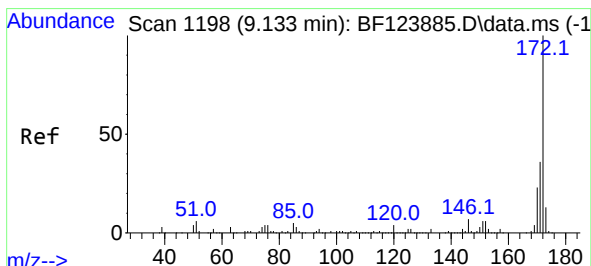
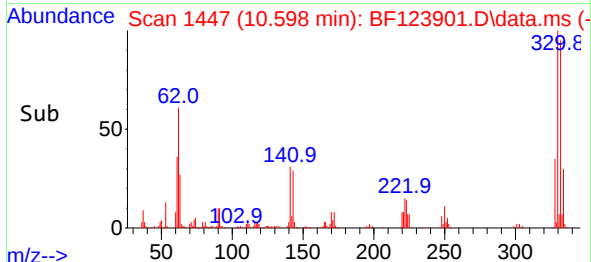
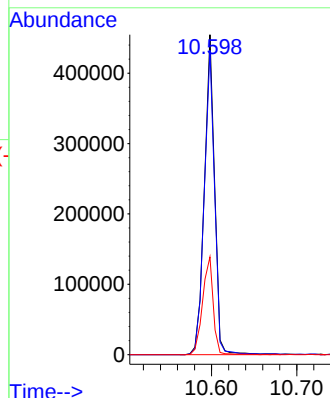
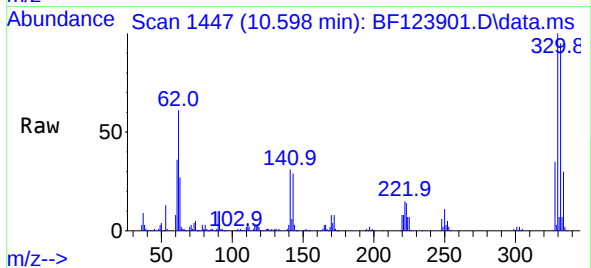




#42  
2,4,6-Tribromophenol  
Concen: 105.22 ng  
RT: 10.598 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

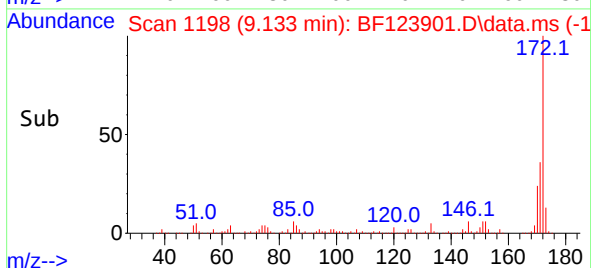
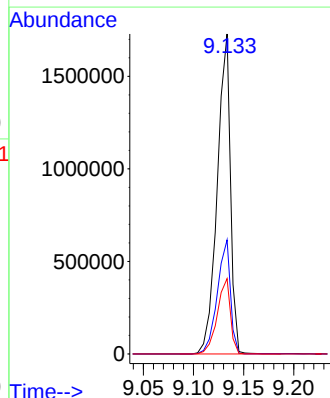
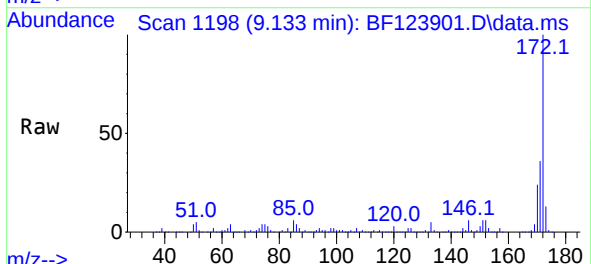
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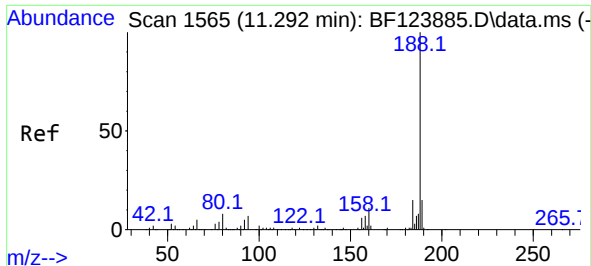
Tgt Ion: 330 Resp: 379169  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.1 115.7  
141 31.8 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 80.50 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. 0.000 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

Tgt Ion: 172 Resp: 1578188  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.1 42.1  
170 23.6 19.2 28.8

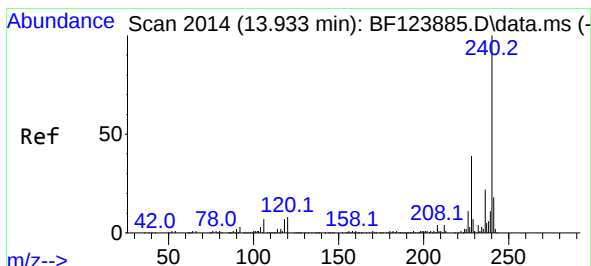
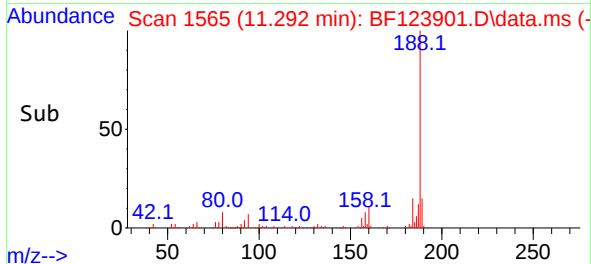
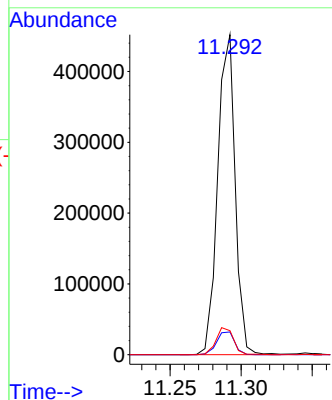
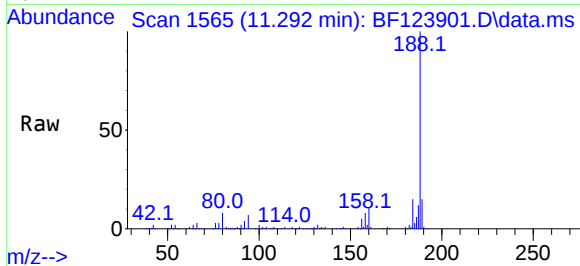




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.292 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

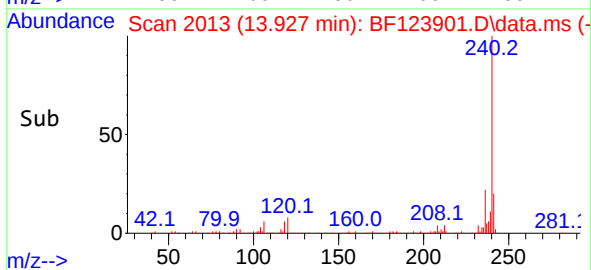
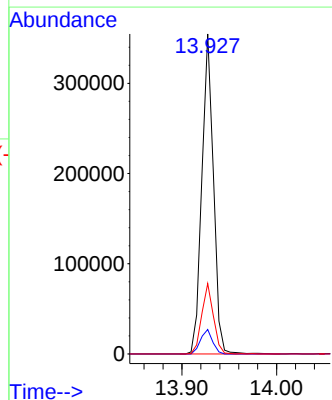
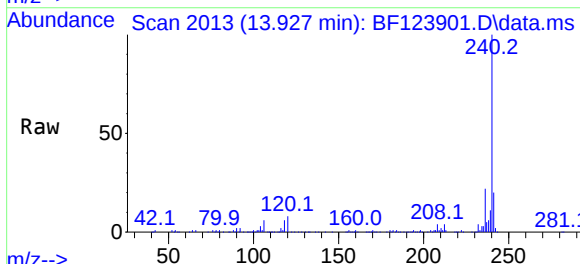
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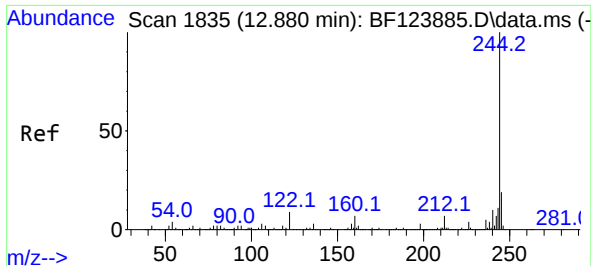
Tgt Ion:188 Resp: 385789  
Ion Ratio Lower Upper  
188 100  
94 7.1 6.9 10.3  
80 7.5 8.2 12.2#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.927 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

Tgt Ion:240 Resp: 302996  
Ion Ratio Lower Upper  
240 100  
120 7.6 7.2 10.8  
236 22.0 19.0 28.4

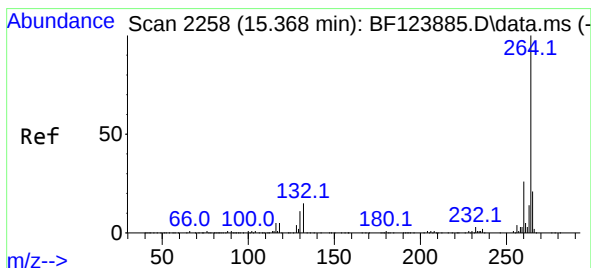
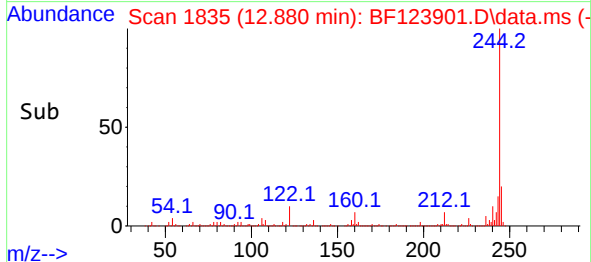
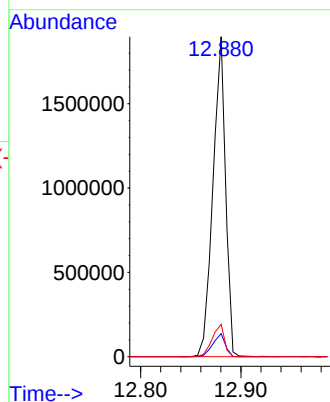
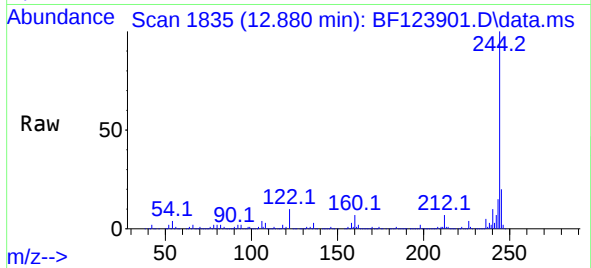




#79  
Terphenyl-d14  
Concen: 89.19 ng  
RT: 12.880 min Scan# 1835  
Delta R.T. 0.000 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB136232BL

Tgt Ion:244 Resp: 1653732  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.7 8.5  
122 10.1 9.7 14.5



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.368 min Scan# 2258  
Delta R.T. 0.000 min  
Lab File: BF123901.D  
Acq: 11 May 2021 1:48

Tgt Ion:264 Resp: 240885  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.7 28.1  
265 21.6 17.8 26.8

