

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100421\  
 Data File : BP007301.D  
 Acq On : 04 Oct 2021 12:09  
 Operator : CG/JU  
 Sample : PB139537BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB139537BL

Quant Time: Oct 04 13:16:59 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 01 12:49:05 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 168627   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.663 | 136  | 633268   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.498 | 164  | 396791   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.257 | 188  | 854957   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.339 | 240  | 866399   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.751 | 264  | 913679   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.446  | 112  | 1352330  | 134.24 | ng    | 0.00     |
| 7) Phenol-d6                | 7.046  | 99   | 1614123  | 117.24 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.028  | 82   | 938013   | 86.26  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.998 | 330  | 664764   | 129.23 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.122 | 172  | 2318886  | 83.72  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.816 | 244  | 3929707  | 86.92  | ng    | 0.00     |

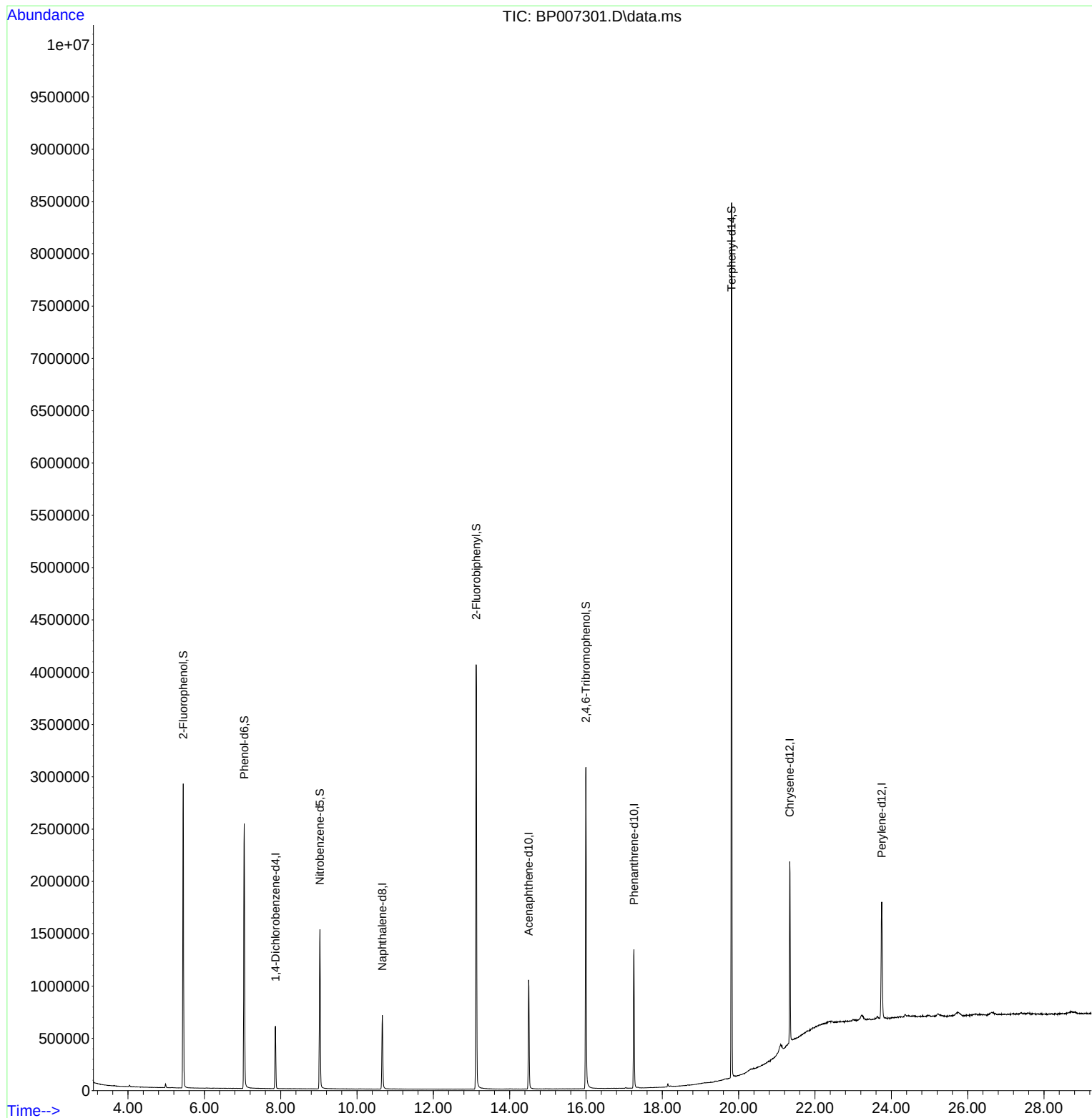
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

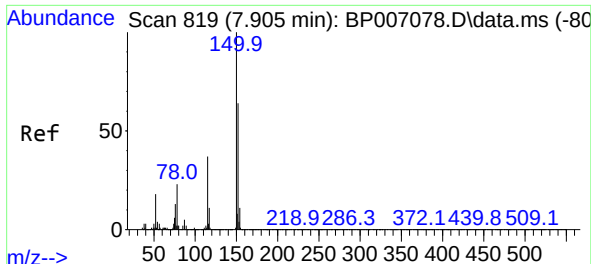
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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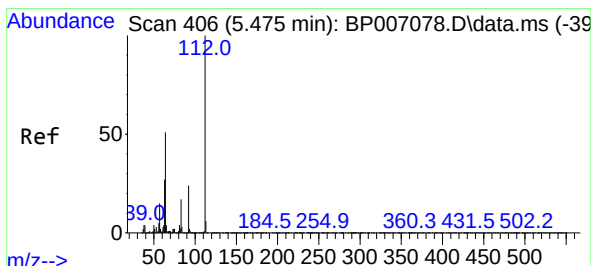
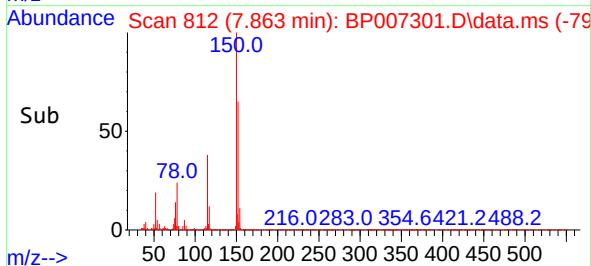
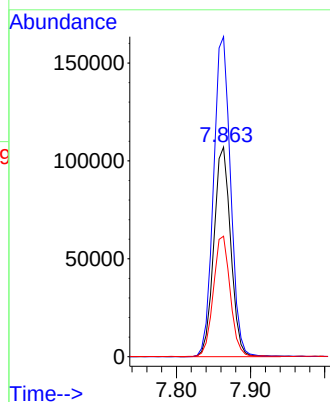
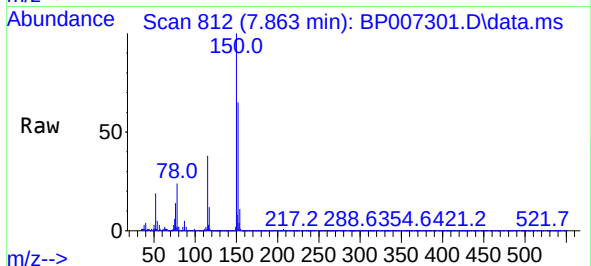




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.863 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

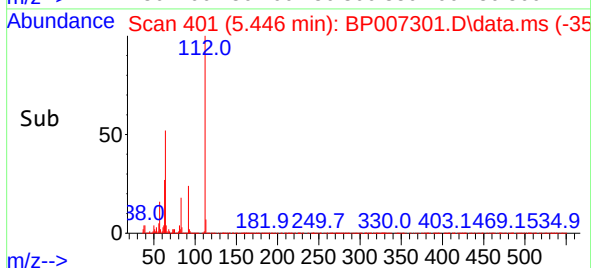
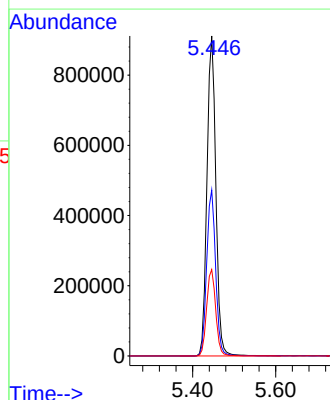
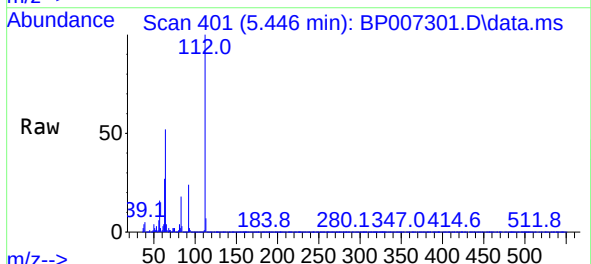
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BNA\_P  
ClientSampleId :  
PB139537BL

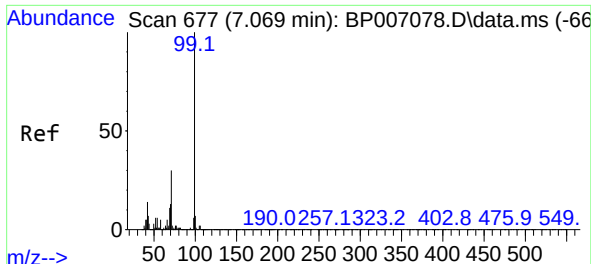
Tgt Ion:152 Resp: 168627  
Ion Ratio Lower Upper  
152 100  
150 152.7 125.6 188.4  
115 57.5 48.5 72.7



#5  
2-Fluorophenol  
Concen: 134.24 ng  
RT: 5.446 min Scan# 401  
Delta R.T. -0.006 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

Tgt Ion:112 Resp: 1352330  
Ion Ratio Lower Upper  
112 100  
64 51.8 41.4 62.2  
63 27.0 23.8 35.8



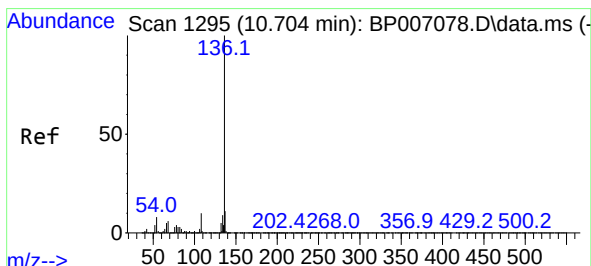
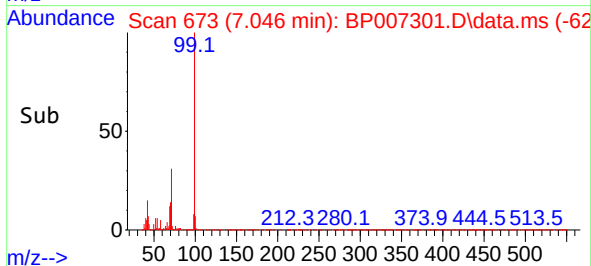
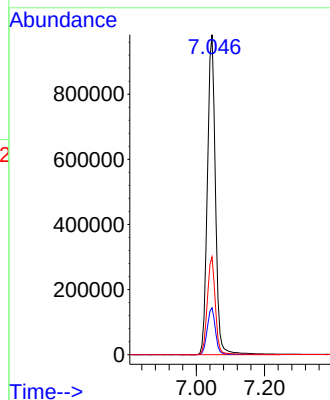
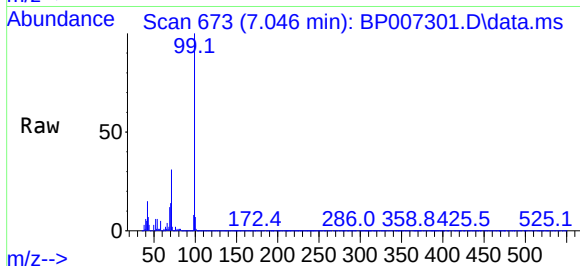


#7  
Phenol-d6  
Concen: 117.24 ng  
RT: 7.046 min Scan# 673  
Delta R.T. -0.006 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

Instrument :  
BNA\_P  
ClientSampleId :  
PB139537BL

Tgt Ion: 99 Resp: 1614123

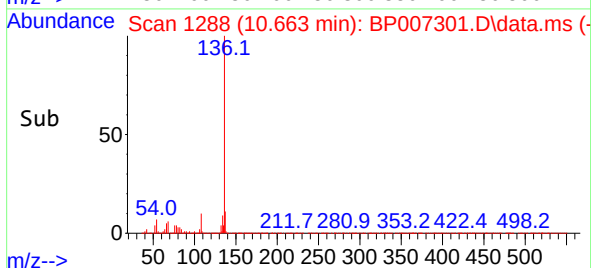
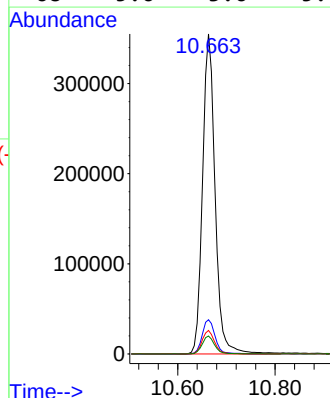
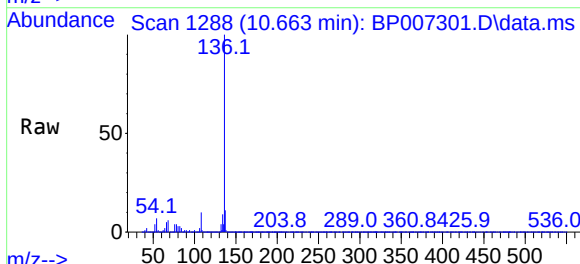
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.6  | 13.4  | 20.0  |
| 71  | 30.6  | 30.6  | 46.0  |

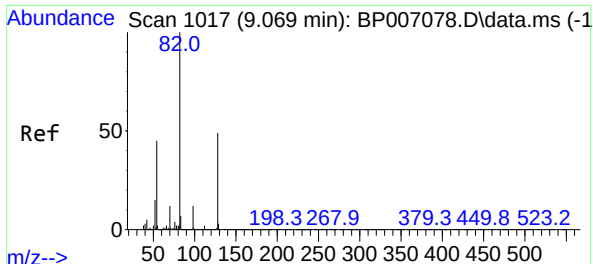


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.663 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

Tgt Ion: 136 Resp: 633268

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 12.8  |
| 54  | 7.3   | 4.6   | 6.8   |
| 68  | 5.6   | 3.6   | 5.4   |

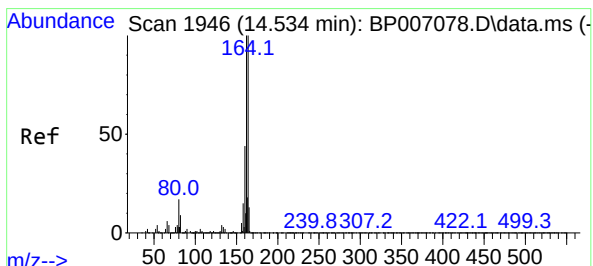
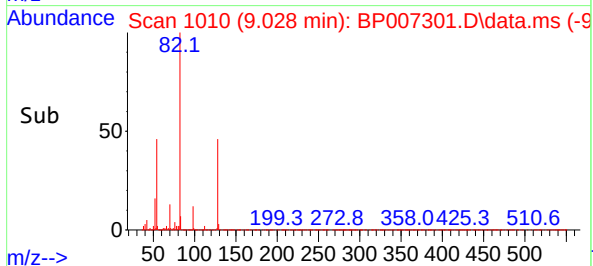
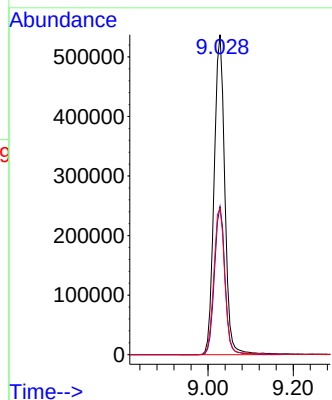
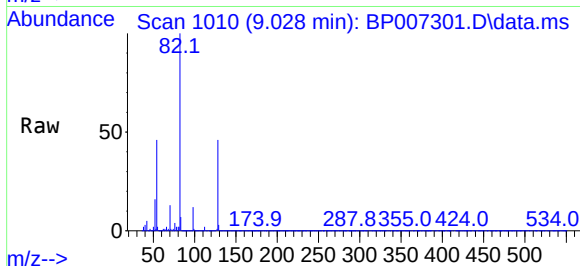




#23  
Nitrobenzene-d5  
Concen: 86.26 ng  
RT: 9.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

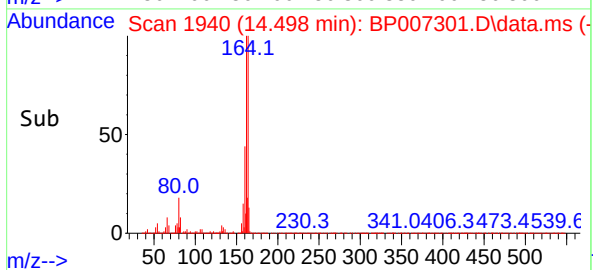
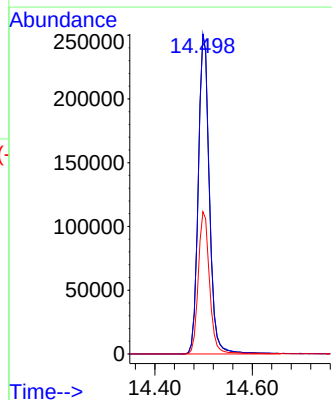
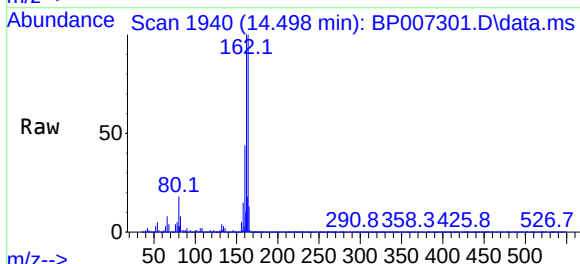
Instrument :  
BNA\_P  
ClientSampleId :  
PB139537BL

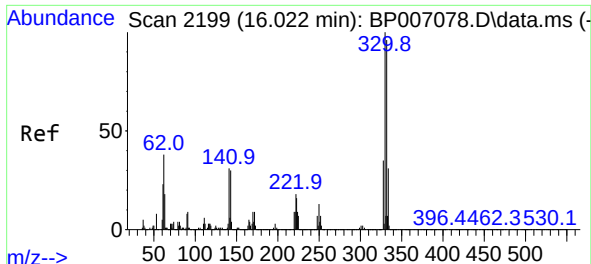
Tgt Ion: 82 Resp: 938013  
Ion Ratio Lower Upper  
82 100  
128 46.3 35.7 53.5  
54 45.9 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.498 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

Tgt Ion: 164 Resp: 396791  
Ion Ratio Lower Upper  
164 100  
162 100.0 80.2 120.2  
160 44.4 34.5 51.7

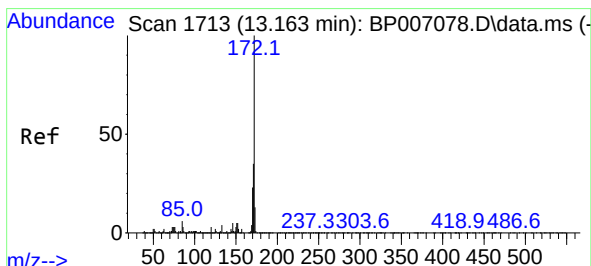
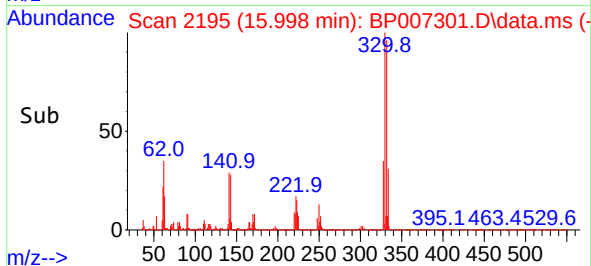
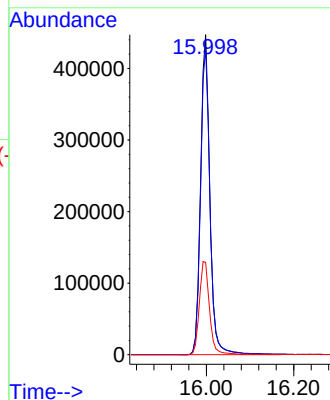
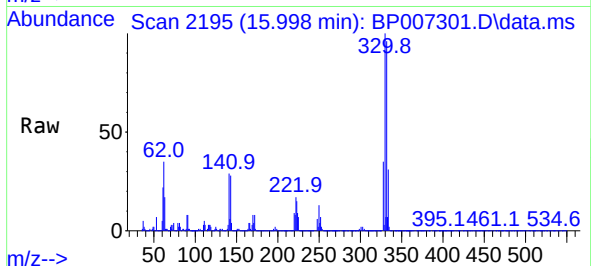




#42  
2,4,6-Tribromophenol  
Concen: 129.23 ng  
RT: 15.998 min Scan# 2195  
Delta R.T. 0.000 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

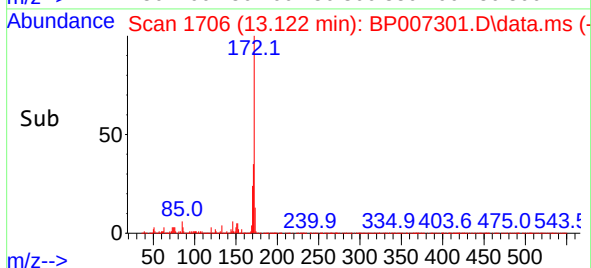
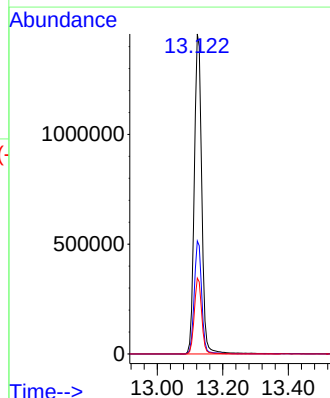
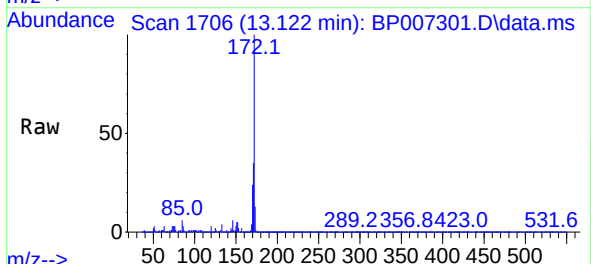
Instrument :  
BNA\_P  
ClientSampleId :  
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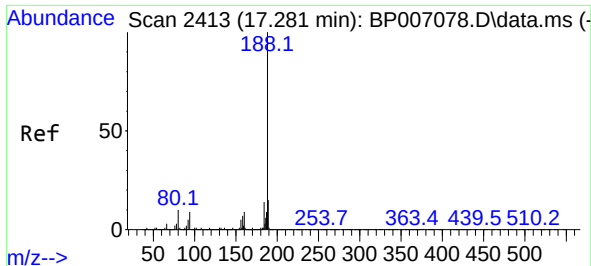
Tgt Ion:330 Resp: 664764  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.8 116.8  
141 31.8 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 83.72 ng  
RT: 13.122 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

Tgt Ion:172 Resp: 2318886  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.9 41.9  
170 23.7 18.6 27.8

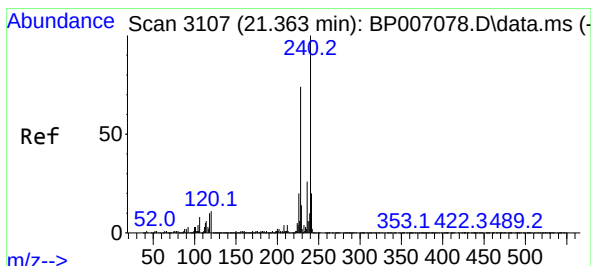
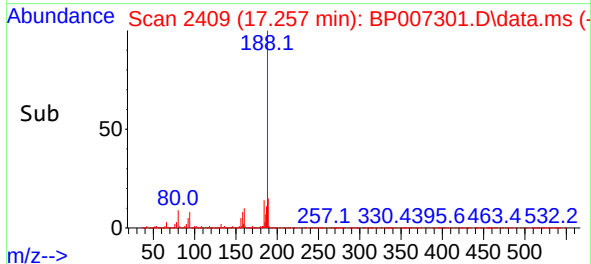
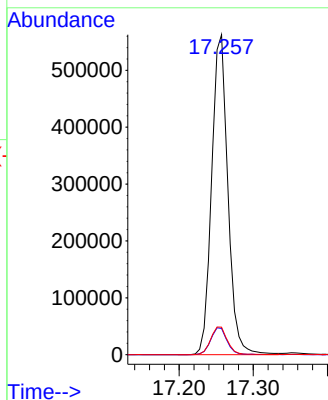
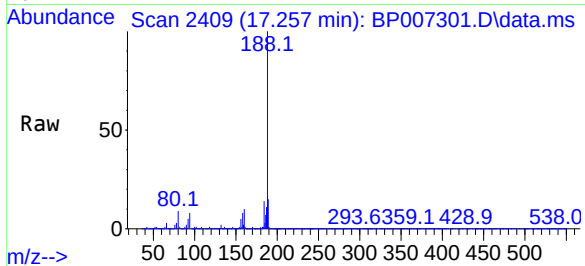




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.257 min Scan# 2409  
Delta R.T. 0.006 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

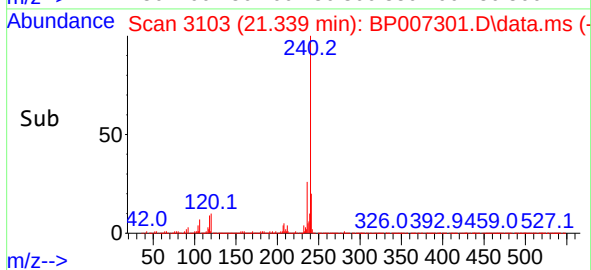
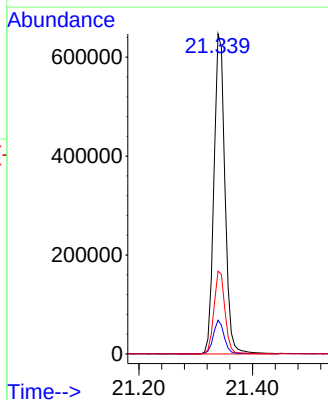
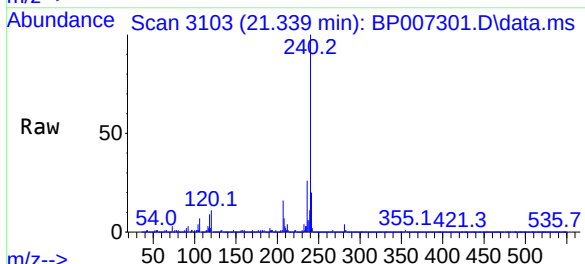
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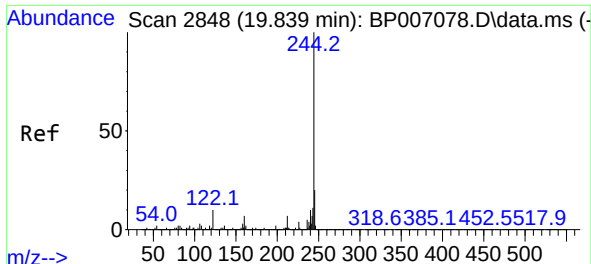
Tgt Ion:188 Resp: 854957  
Ion Ratio Lower Upper  
188 100  
94 8.2 5.6 8.4  
80 8.6 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.339 min Scan# 3103  
Delta R.T. 0.000 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

Tgt Ion:240 Resp: 866399  
Ion Ratio Lower Upper  
240 100  
120 10.5 6.5 9.7#  
236 25.9 20.6 31.0

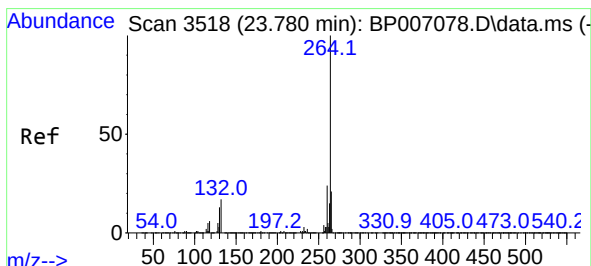
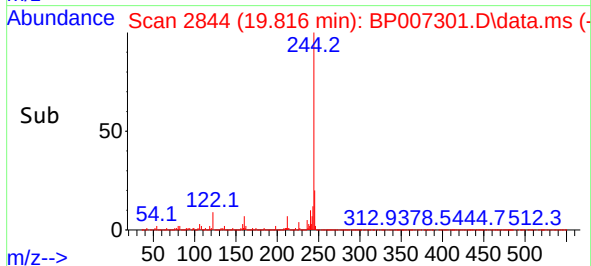
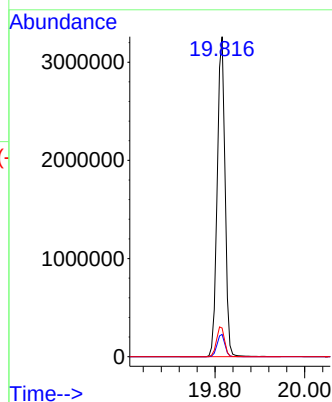
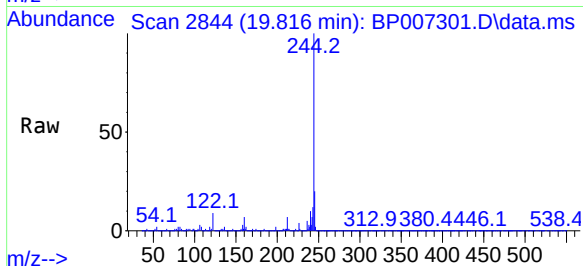




#79  
Terphenyl-d14  
Concen: 86.92 ng  
RT: 19.816 min Scan# 2844  
Delta R.T. 0.006 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

Instrument :  
BNA\_P  
ClientSampleId :  
PB139537BL

Tgt Ion:244 Resp: 3929707  
Ion Ratio Lower Upper  
244 100  
212 6.9 6.0 9.0  
122 9.0 7.1 10.7



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.751 min Scan# 3513  
Delta R.T. 0.006 min  
Lab File: BP007301.D  
Acq: 04 Oct 2021 12:09

Tgt Ion:264 Resp: 913679  
Ion Ratio Lower Upper  
264 100  
260 24.3 18.6 28.0  
265 22.3 17.6 26.4

