

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110921\  
 Data File : BP007900.D  
 Acq On : 09 Nov 2021 20:55  
 Operator : CG/JU  
 Sample : M4485-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 AG-6

Quant Time: Nov 10 11:04:54 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP110221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 09 10:45:24 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.858  | 152  | 123475   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.657 | 136  | 426701   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.493 | 164  | 277494   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.251 | 188  | 617989   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.339 | 240  | 736698   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.751 | 264  | 805338   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.446  | 112  | 890084   | 122.253 | ng    | 0.00     |
| 7) Phenol-d6                | 7.034  | 99   | 1090525  | 103.485 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.016  | 82   | 621677   | 78.263  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.987 | 330  | 497466   | 125.615 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.122 | 172  | 1367966  | 71.790  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.816 | 244  | 2246906  | 62.106  | ng    | 0.00     |

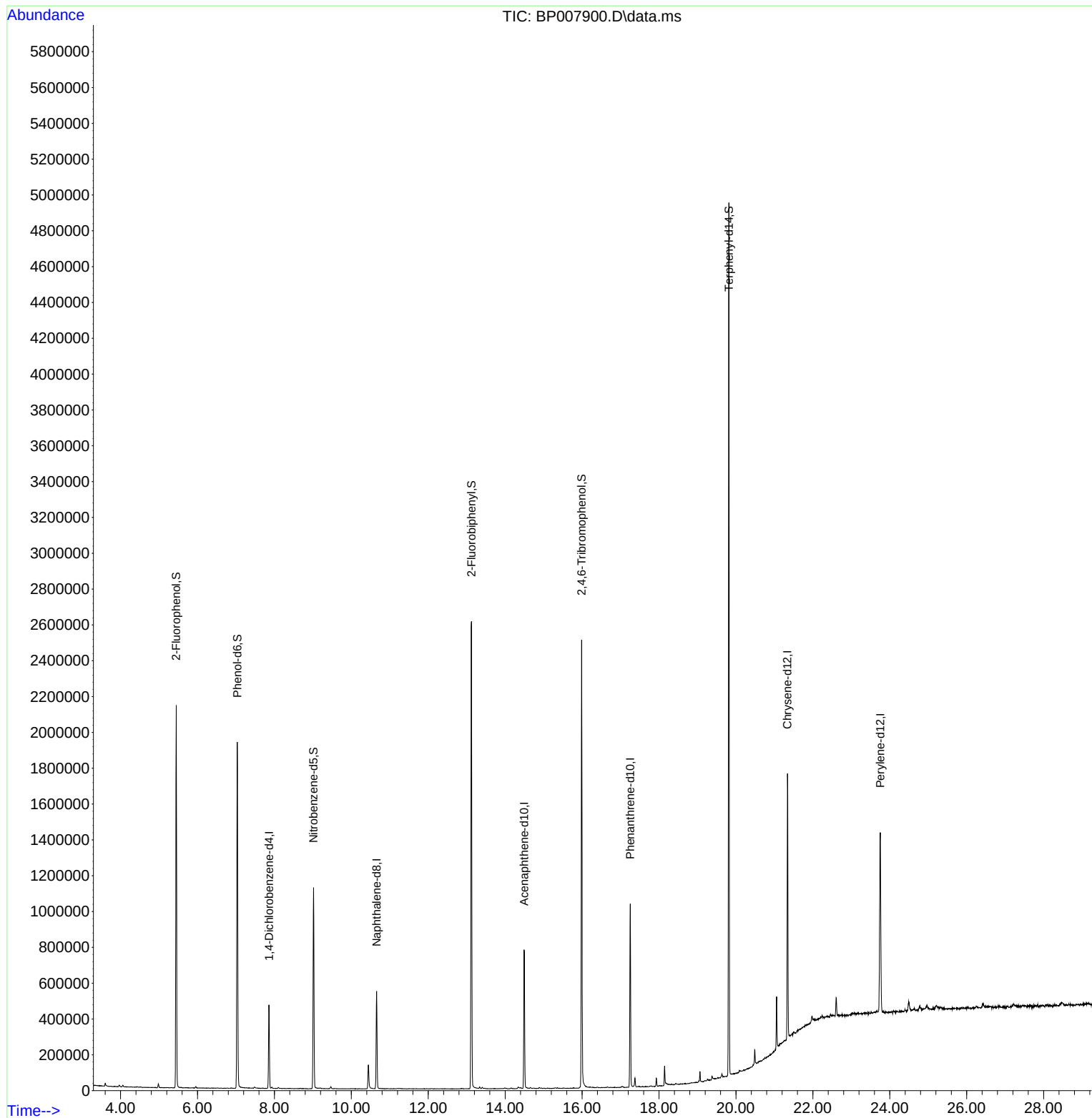
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

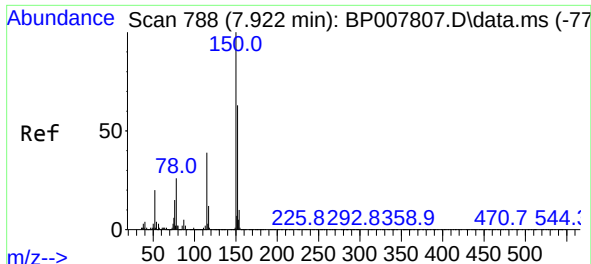
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration

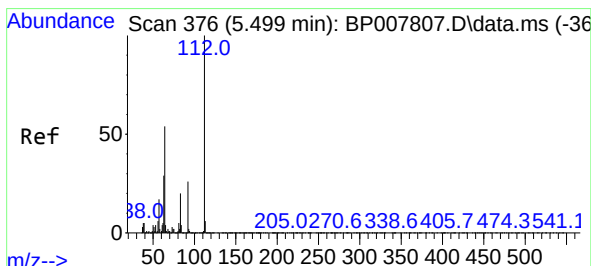
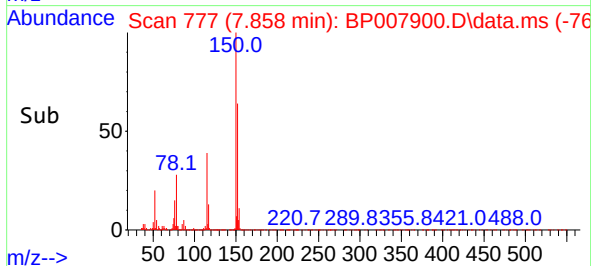
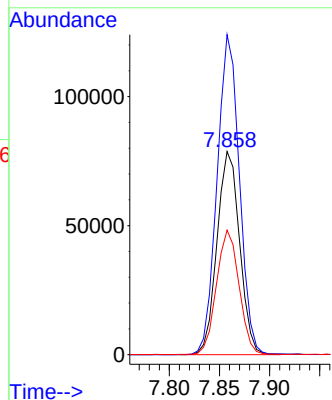
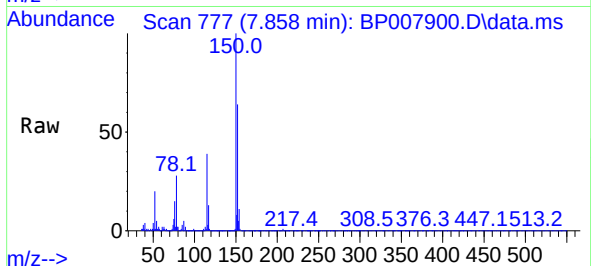




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.858 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

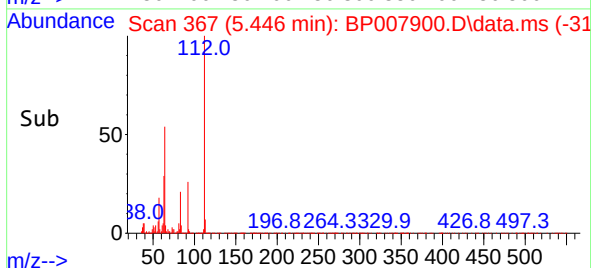
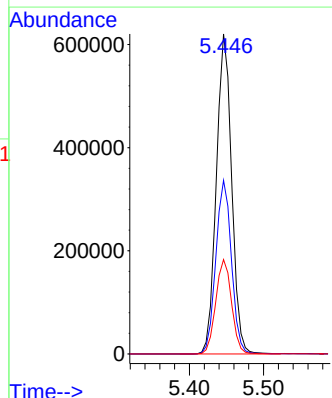
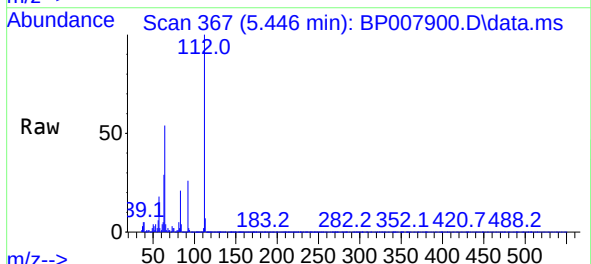
Instrument :  
BNA\_P  
ClientSampleId :  
AG-6

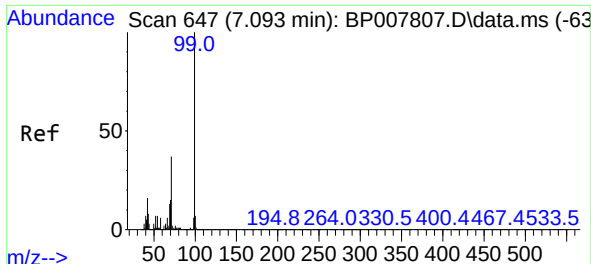
Tgt Ion:152 Resp: 123475  
Ion Ratio Lower Upper  
152 100  
150 157.4 124.1 186.1  
115 61.3 48.1 72.1



#5  
2-Fluorophenol  
Concen: 122.253 ng  
RT: 5.446 min Scan# 367  
Delta R.T. -0.000 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

Tgt Ion:112 Resp: 890084  
Ion Ratio Lower Upper  
112 100  
64 54.2 46.6 70.0  
63 29.5 25.0 37.6

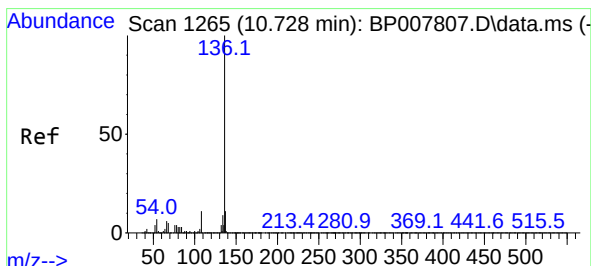
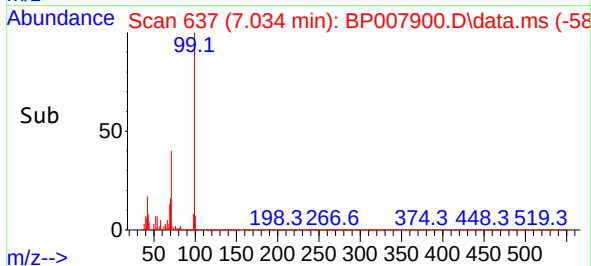
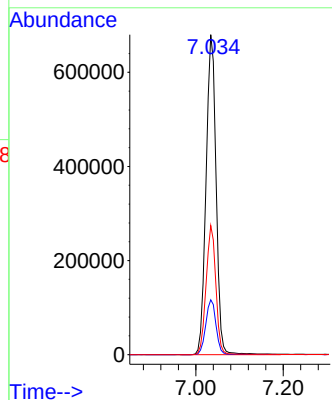
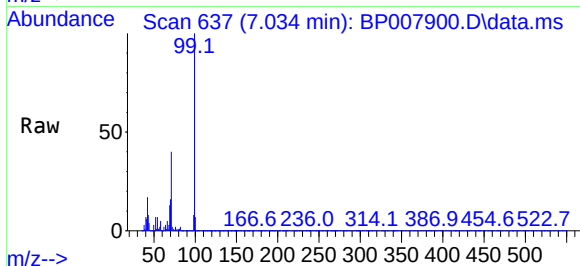




#7  
Phenol-d6  
Concen: 103.485 ng  
RT: 7.034 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

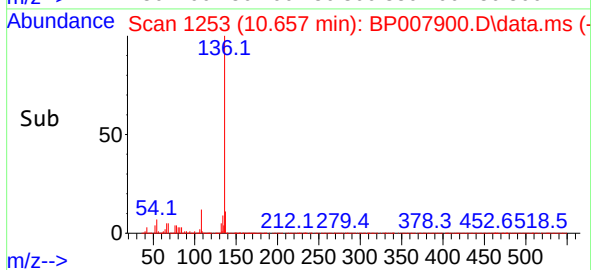
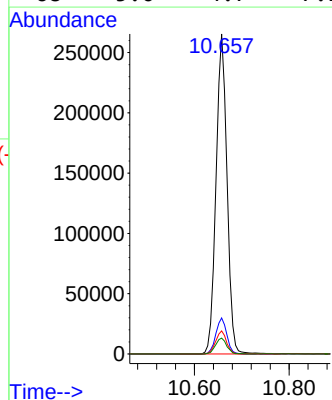
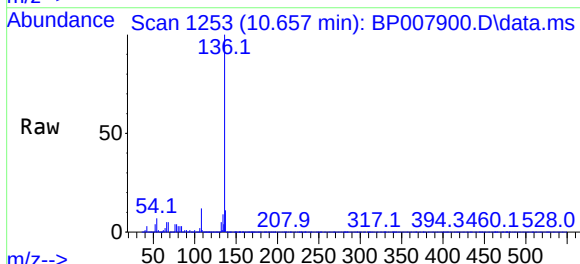
Instrument :  
BNA\_P  
ClientSampleId :  
AG-6

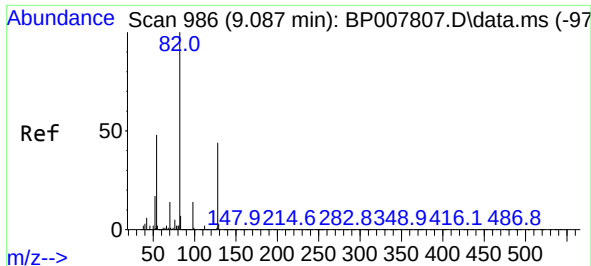
Tgt Ion: 99 Resp: 1090525  
Ion Ratio Lower Upper  
99 100  
42 17.2 14.9 22.3  
71 40.3 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.657 min Scan# 1253  
Delta R.T. -0.006 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

Tgt Ion: 136 Resp: 426701  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.6 13.0  
54 7.2 6.2 9.4  
68 5.0 4.7 7.1

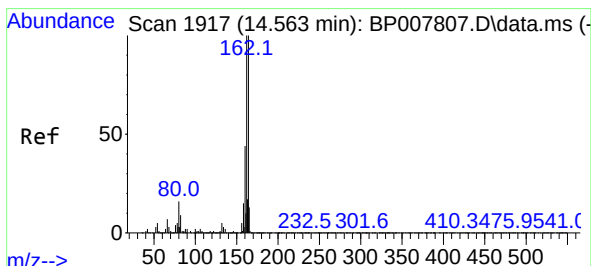
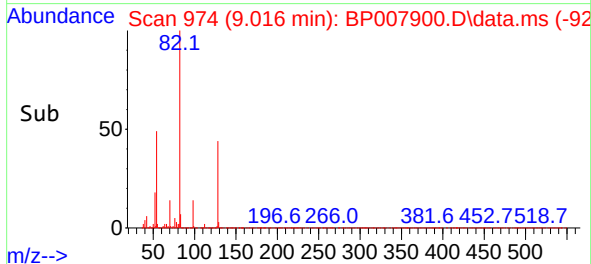
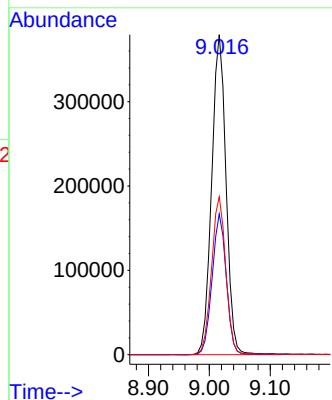
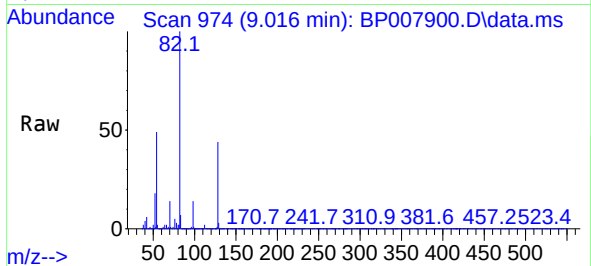




#23  
Nitrobenzene-d5  
Concen: 78.263 ng  
RT: 9.016 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

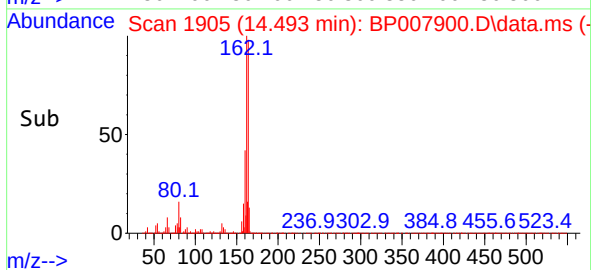
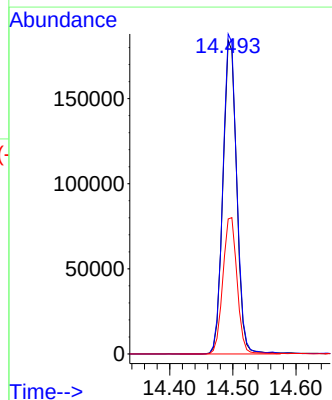
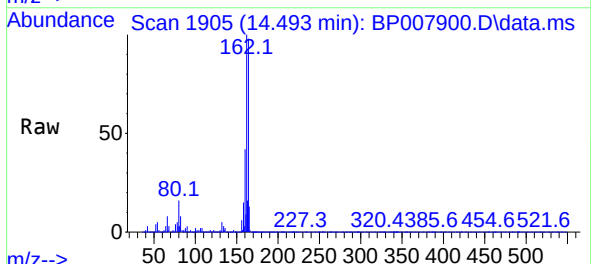
Instrument :  
BNA\_P  
ClientSampleId :  
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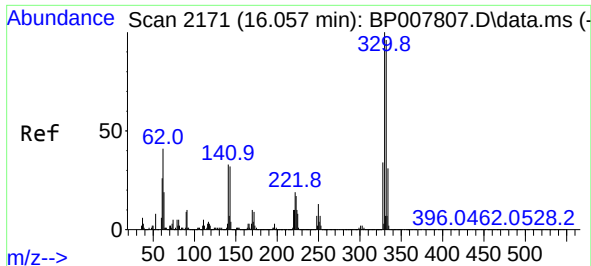
Tgt Ion: 82 Resp: 621677  
Ion Ratio Lower Upper  
82 100  
128 44.0 32.6 48.8  
54 49.4 40.4 60.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.493 min Scan# 1905  
Delta R.T. -0.012 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

Tgt Ion: 164 Resp: 277494  
Ion Ratio Lower Upper  
164 100  
162 102.2 81.1 121.7  
160 43.1 36.0 54.0

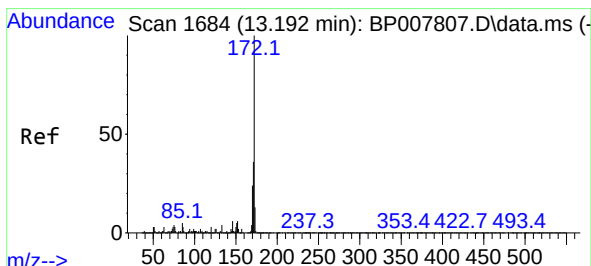
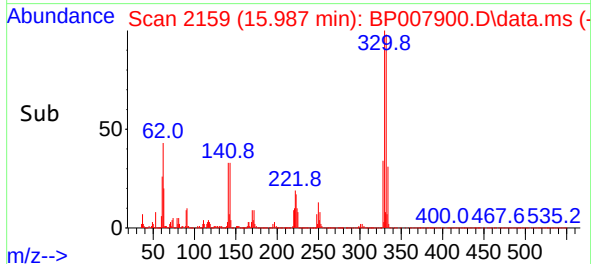
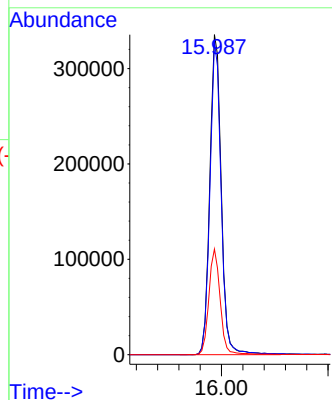
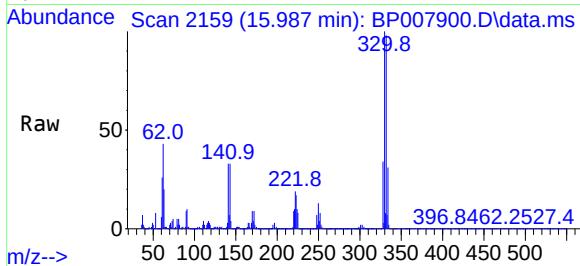




#42  
2,4,6-Tribromophenol  
Concen: 125.615 ng  
RT: 15.987 min Scan# 2171  
Delta R.T. -0.012 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

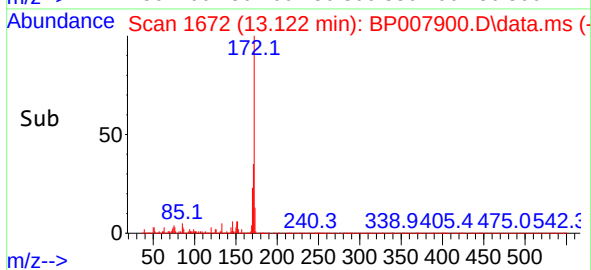
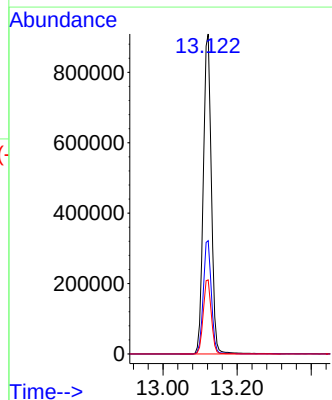
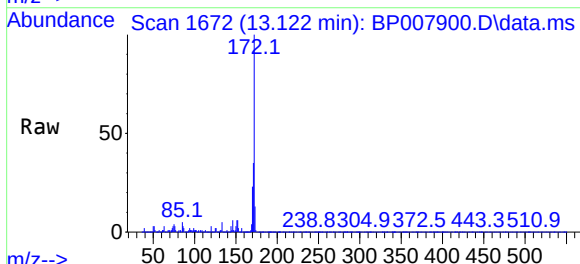
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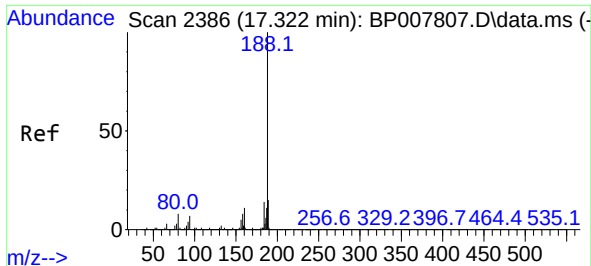
Tgt Ion:330 Resp: 497466  
Ion Ratio Lower Upper  
330 100  
332 95.9 78.9 118.3  
141 33.0 30.7 46.1



#45  
2-Fluorobiphenyl  
Concen: 71.790 ng  
RT: 13.122 min Scan# 1672  
Delta R.T. -0.006 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

Tgt Ion:172 Resp: 1367966  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.2 42.2  
170 23.1 19.0 28.4

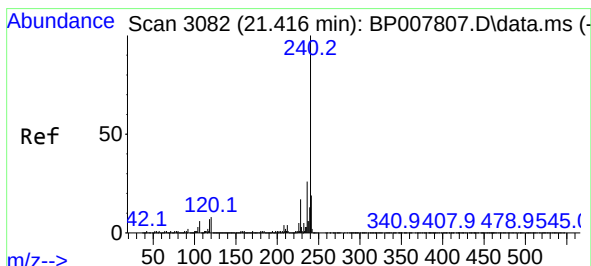
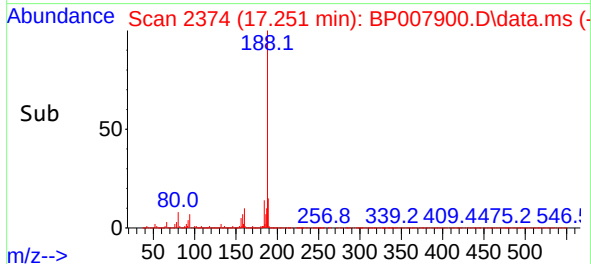
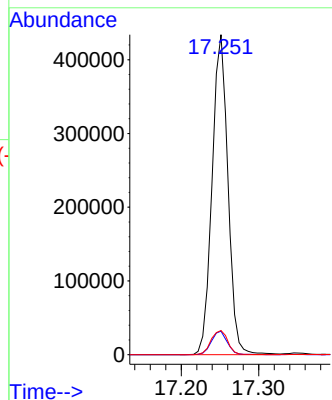
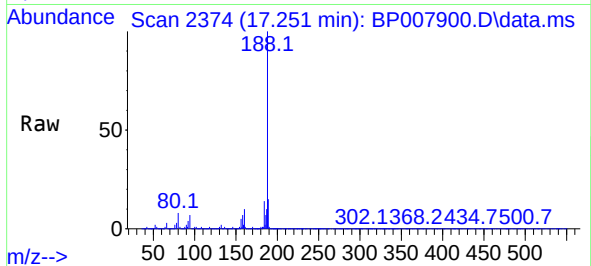




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.251 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

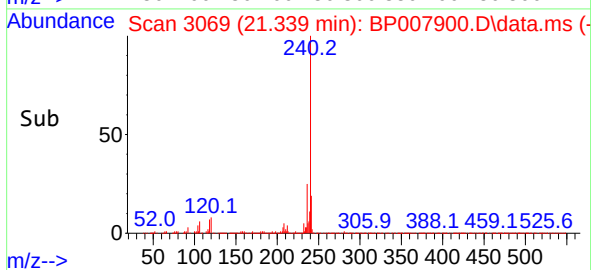
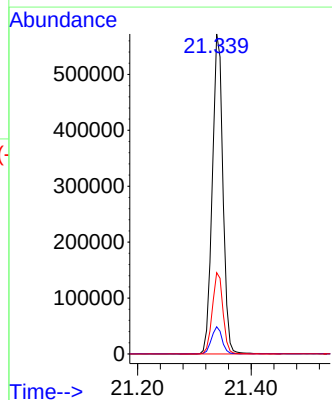
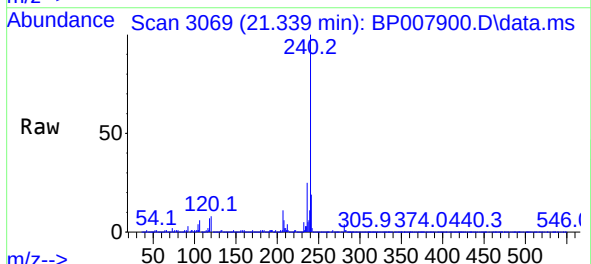
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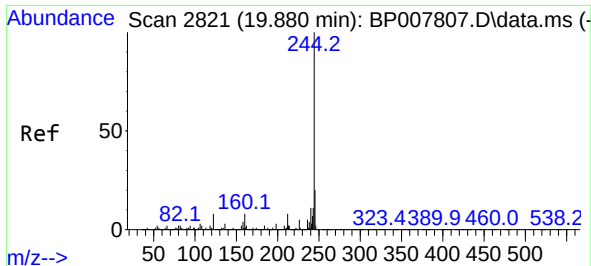
Tgt Ion:188 Resp: 617989  
Ion Ratio Lower Upper  
188 100  
94 7.4 7.1 10.7  
80 7.5 7.8 11.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.339 min Scan# 3069  
Delta R.T. -0.012 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

Tgt Ion:240 Resp: 736698  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.8 11.8  
236 25.4 20.6 30.8

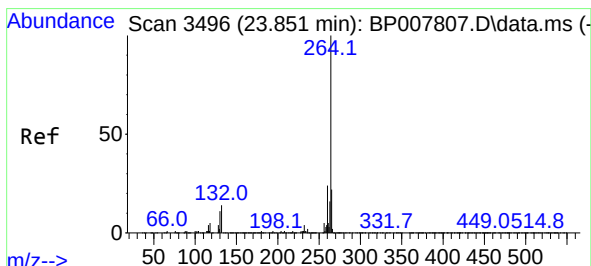
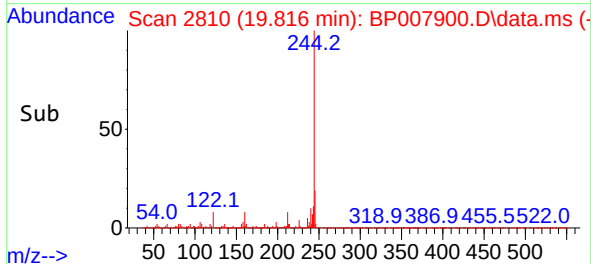
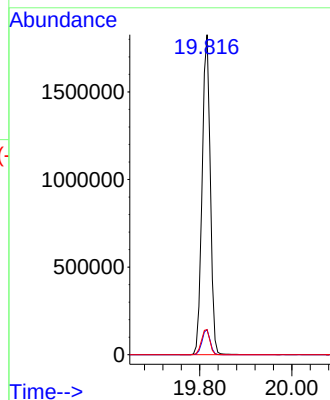
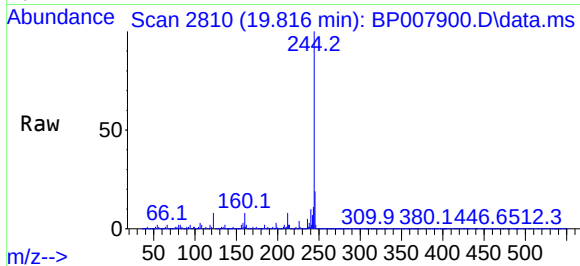




#79  
Terphenyl-d14  
Concen: 62.106 ng  
RT: 19.816 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion:244 Resp: 2246906  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.2 9.2  
122 7.8 7.8 11.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.751 min Scan# 3479  
Delta R.T. -0.018 min  
Lab File: BP007900.D  
Acq: 09 Nov 2021 20:55

Tgt Ion:264 Resp: 805338  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.1 28.7  
265 21.3 16.7 25.1

