

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100120\  
 Data File : BP003438.D  
 Acq On : 01 Oct 2020 15:18  
 Operator : CG/JU  
 Sample : PB132022BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB132022BL

Quant Time: Oct 01 16:18:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 01 10:05:32 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.528  | 152  | 81625    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.310 | 136  | 324848   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.186 | 164  | 201084   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.951 | 188  | 455226   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.051 | 240  | 511035   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 23.239 | 264  | 539205   | 20.00  | ng    | -0.02    |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.146  | 112  | 678898   | 145.23 | ng    | 0.00     |
| 7) Phenol-d6                | 6.734  | 99   | 861736   | 138.30 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.681  | 82   | 574913   | 103.97 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.692 | 330  | 324464   | 105.79 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.804 | 172  | 1222957  | 88.95  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.527 | 244  | 1983373  | 80.87  | ng    | 0.00     |

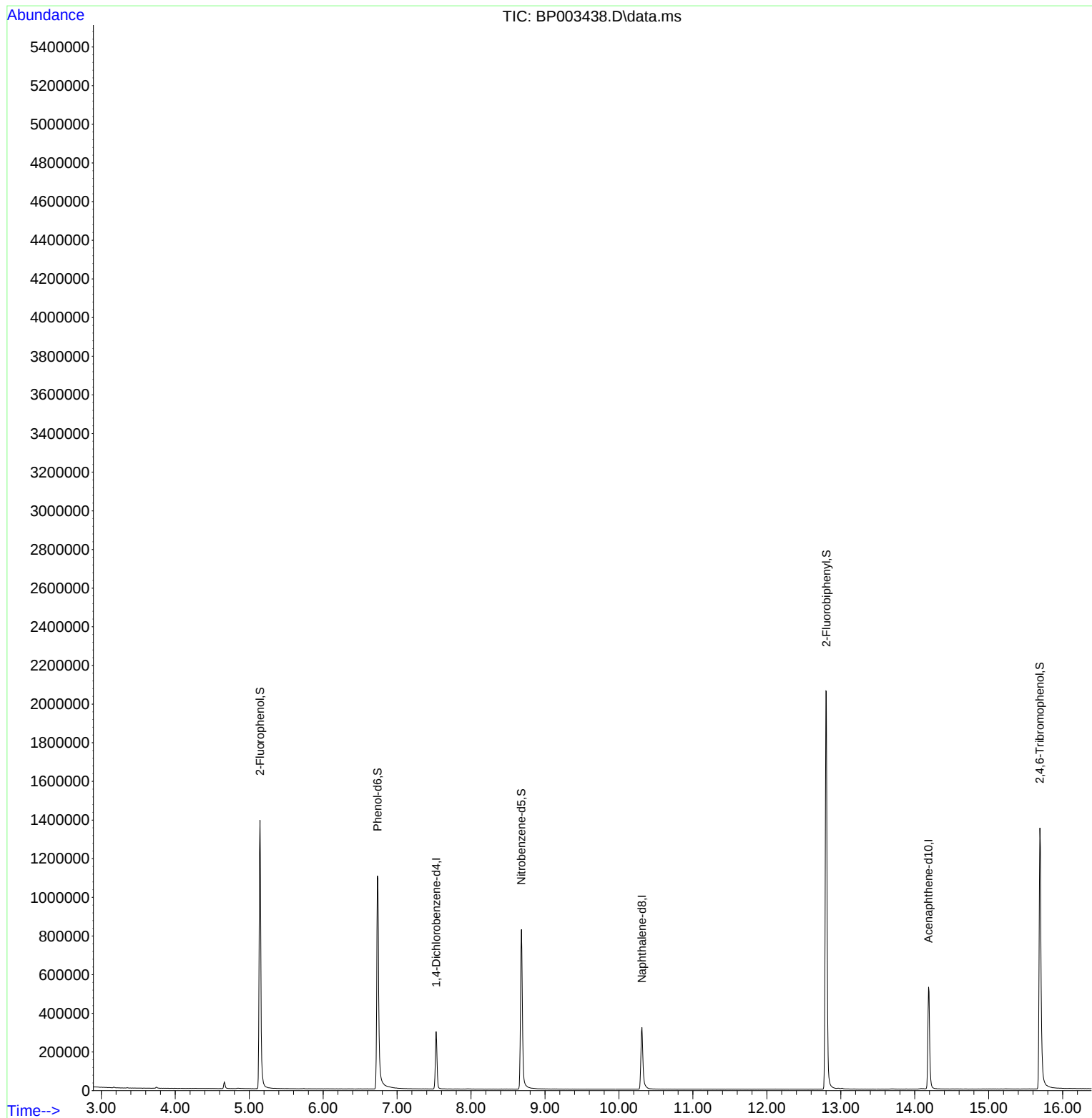
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100120\  
Data File : BP003438.D  
Acq On : 01 Oct 2020 15:18  
Operator : CG/JU  
Sample : PB132022BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB132022BL

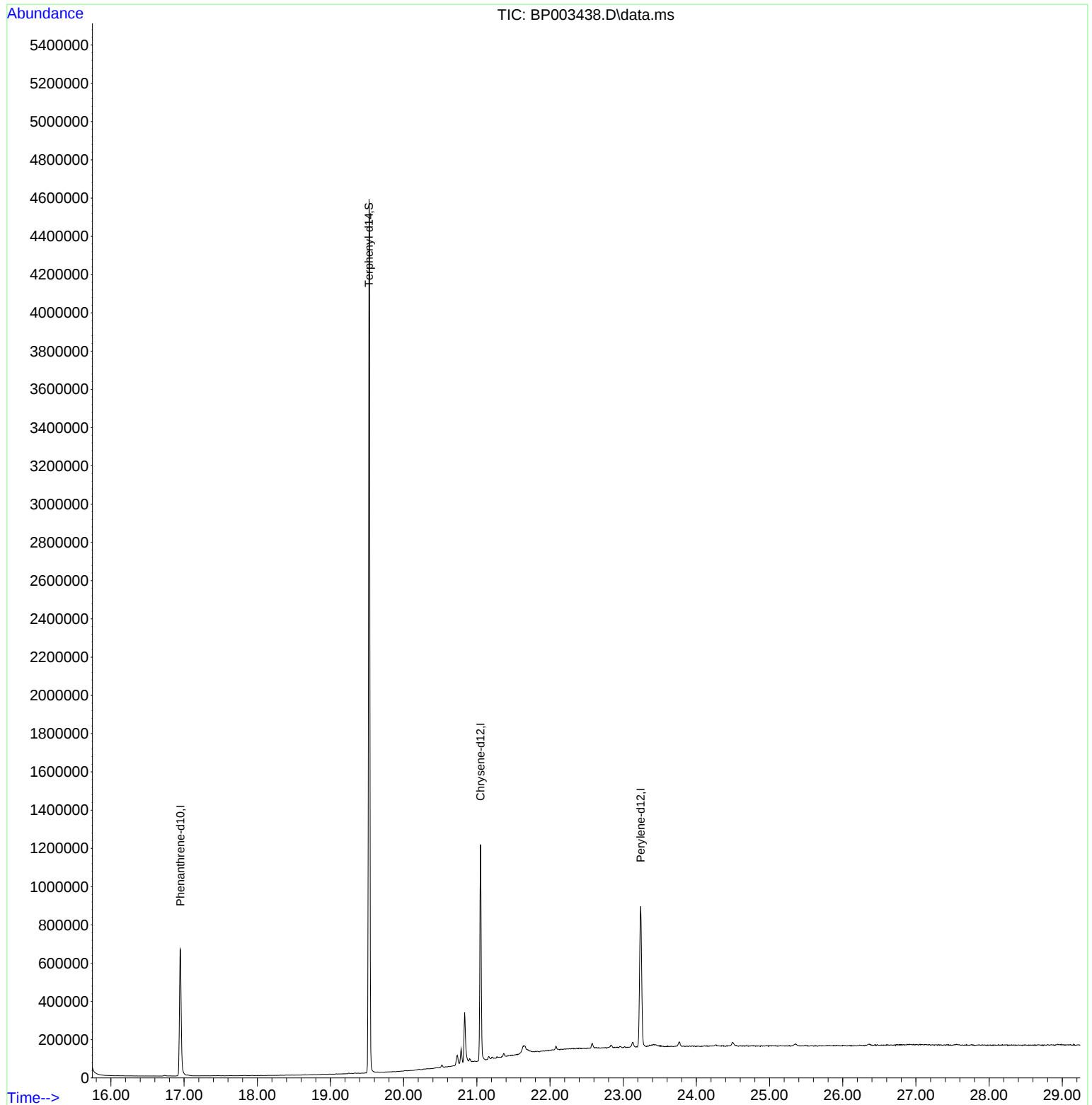
Quant Time: Oct 01 16:18:47 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 01 10:05:32 2020  
Response via : Initial Calibration

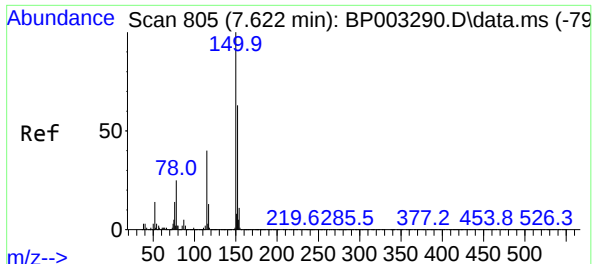


Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100120\  
Data File : BP003438.D  
Acq On : 01 Oct 2020 15:18  
Operator : CG/JU  
Sample : PB132022BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB132022BL

Quant Time: Oct 01 16:18:47 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 01 10:05:32 2020  
Response via : Initial Calibration



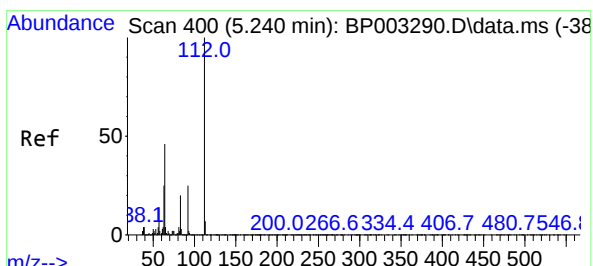
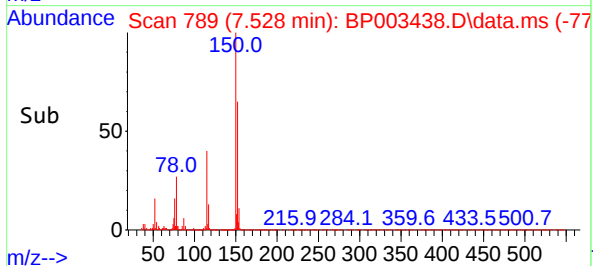
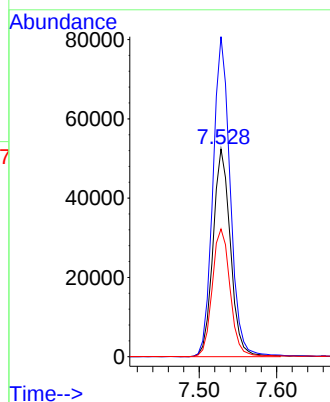
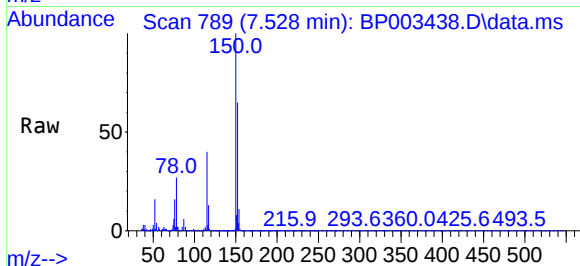


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.528 min Scan# 789  
Delta R.T. -0.006 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

Instrument :  
BNA\_P  
ClientSampleId :  
PB132022BL

Tgt Ion:152 Resp: 81625

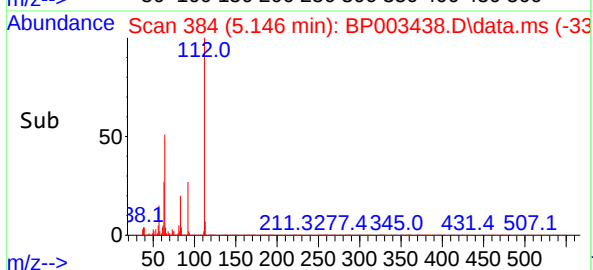
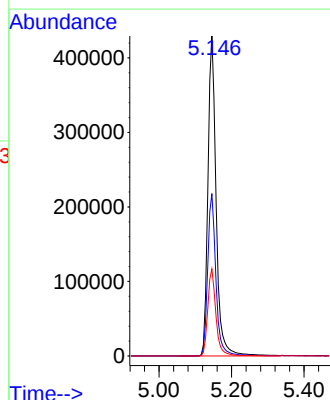
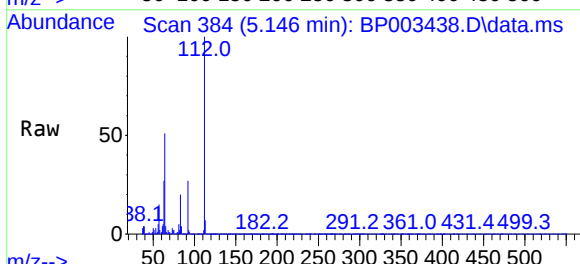
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 154.1 | 123.8 | 185.6 |
| 115 | 61.5  | 43.8  | 65.6  |

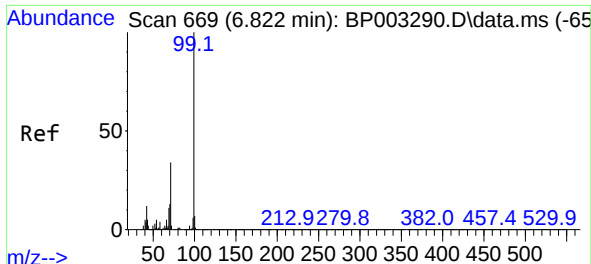


#5  
2-Fluorophenol  
Concen: 145.23 ng  
RT: 5.146 min Scan# 384  
Delta R.T. -0.006 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

Tgt Ion:112 Resp: 678898

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 50.7  | 32.8  | 49.2# |
| 63  | 27.2  | 17.0  | 25.4# |

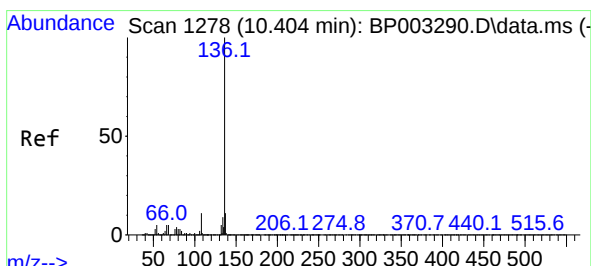
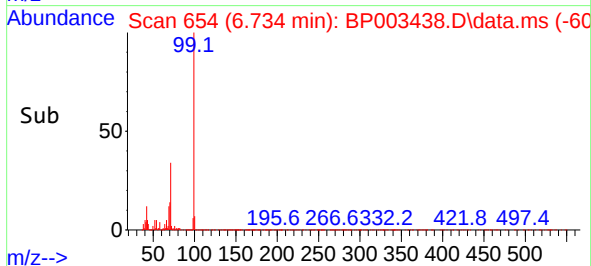
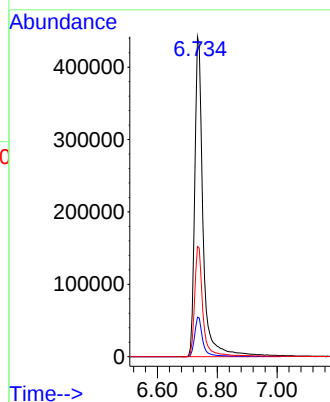
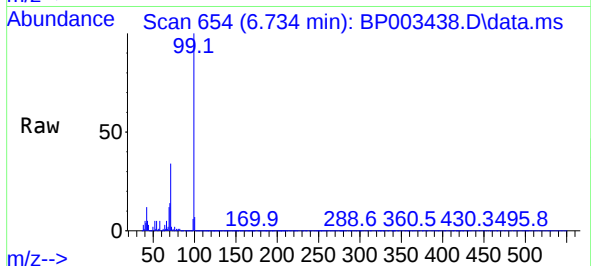




#7  
Phenol-d6  
Concen: 138.30 ng  
RT: 6.734 min Scan# 654  
Delta R.T. -0.006 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

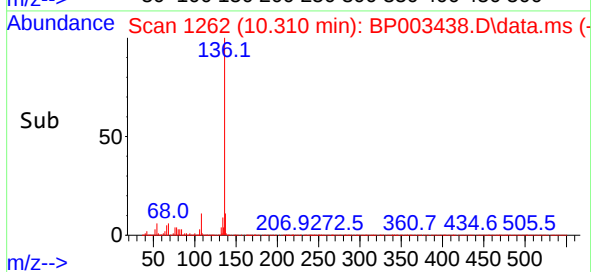
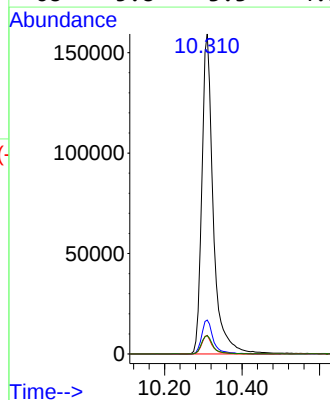
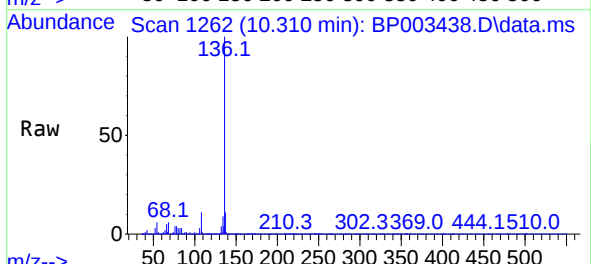
Instrument :  
BNA\_P  
ClientSampleId :  
PB132022BL

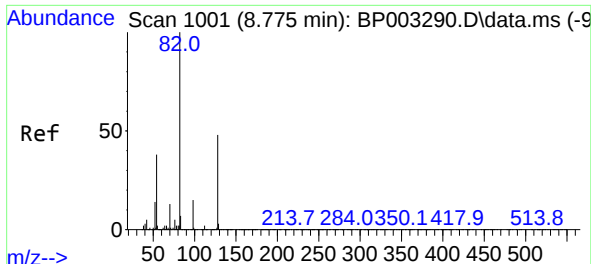
Tgt Ion: 99 Resp: 861736  
Ion Ratio Lower Upper  
99 100  
42 12.3 8.6 13.0  
71 34.5 23.4 35.2



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.310 min Scan# 1262  
Delta R.T. -0.000 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

Tgt Ion: 136 Resp: 324848  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 5.8 3.6 5.4#  
68 5.8 3.3 4.9#

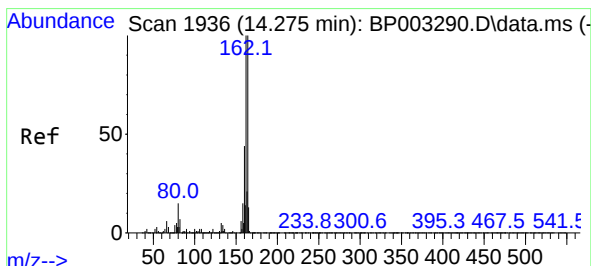
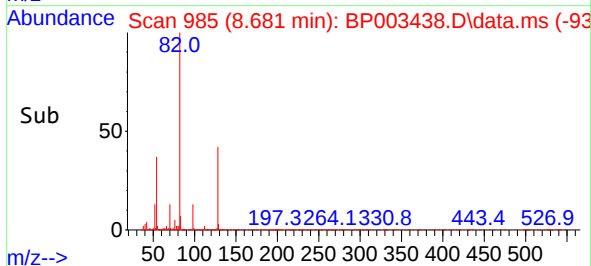
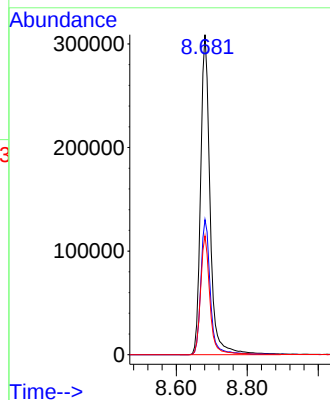
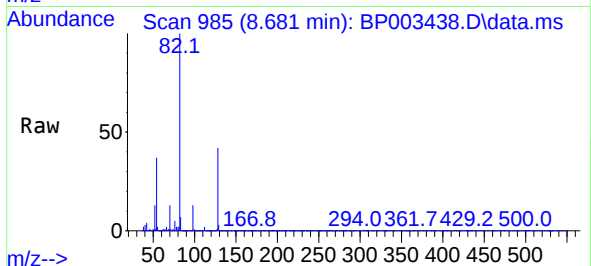




#23  
Nitrobenzene-d5  
Concen: 103.97 ng  
RT: 8.681 min Scan# 985  
Delta R.T. -0.006 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

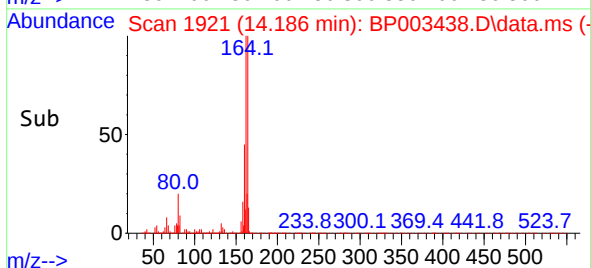
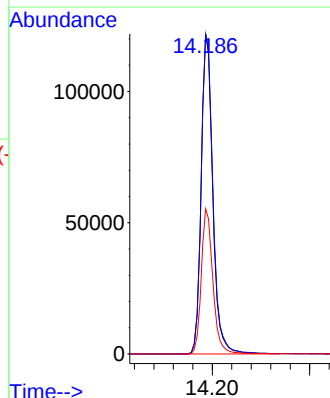
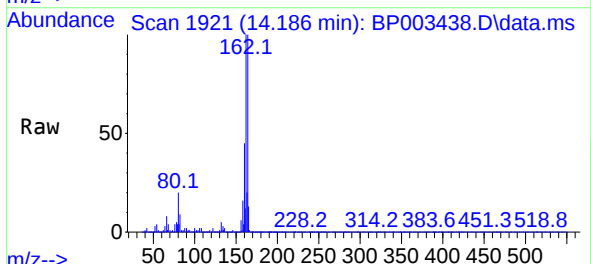
Instrument :  
BNA\_P  
ClientSampleId :  
PB132022BL

Tgt Ion: 82 Resp: 574913  
Ion Ratio Lower Upper  
82 100  
128 42.2 45.6 68.4#  
54 37.1 30.1 45.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.186 min Scan# 1921  
Delta R.T. -0.006 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

Tgt Ion: 164 Resp: 201084  
Ion Ratio Lower Upper  
164 100  
162 100.1 79.4 119.2  
160 45.4 36.1 54.1

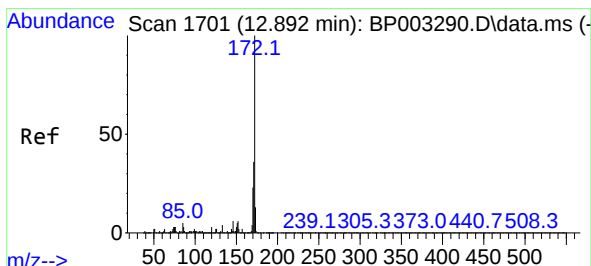
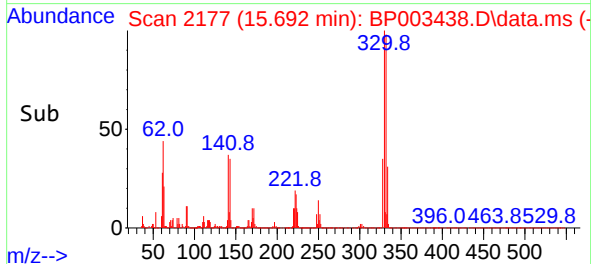
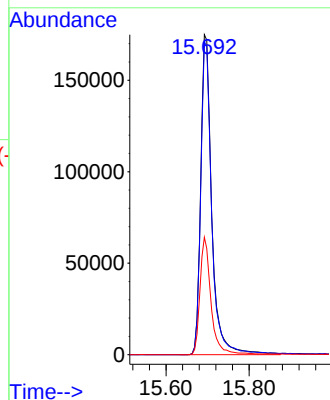
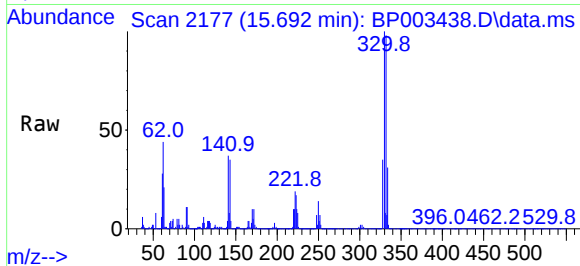




#42  
2,4,6-Tribromophenol  
Concen: 105.79 ng  
RT: 15.692 min Scan# 2177  
Delta R.T. -0.000 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

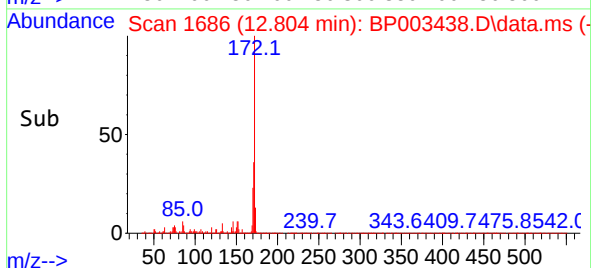
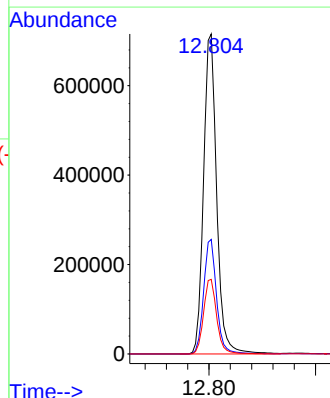
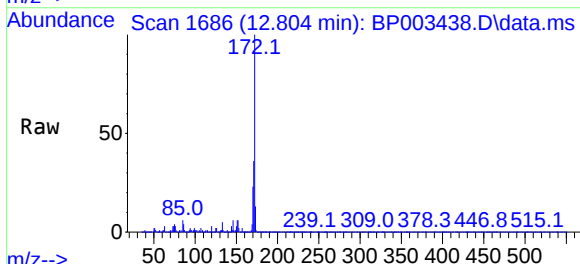
Instrument :  
BNA\_P  
ClientSampleId :  
PB132022BL

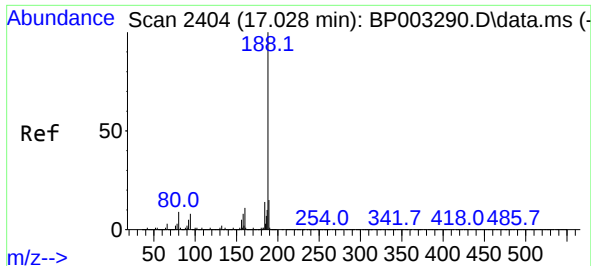
Tgt Ion:330 Resp: 324464  
Ion Ratio Lower Upper  
330 100  
332 98.1 77.1 115.7  
141 36.6 23.4 35.2#



#45  
2-Fluorobiphenyl  
Concen: 88.95 ng  
RT: 12.804 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

Tgt Ion:172 Resp: 1222957  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.5 42.7  
170 23.3 19.2 28.8

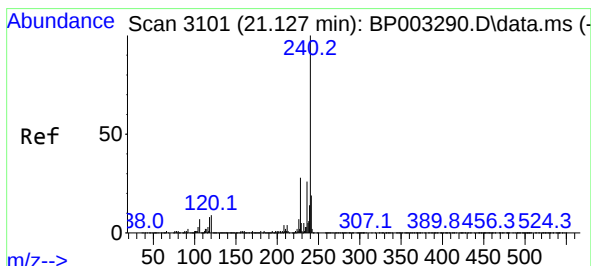
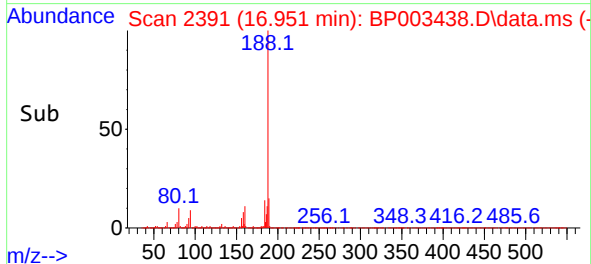
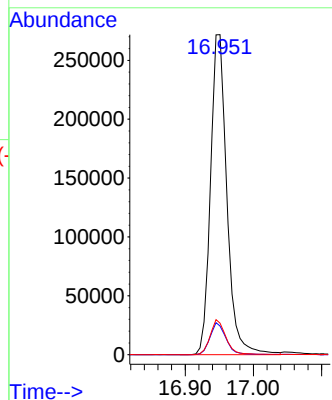
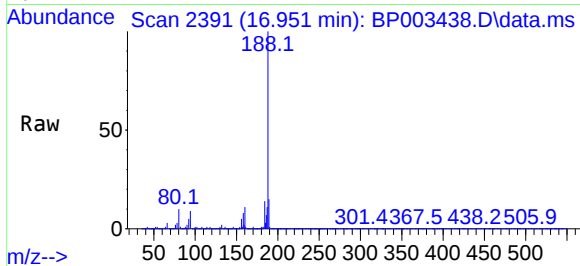




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.951 min Scan# 2391  
Delta R.T. 0.006 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

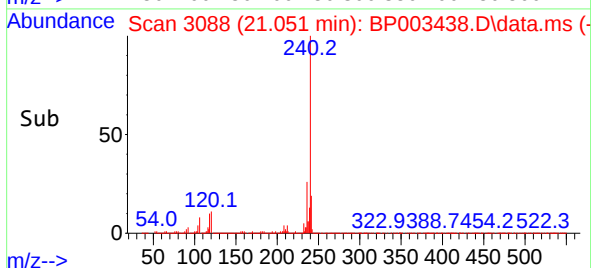
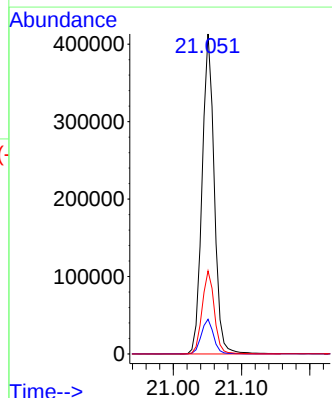
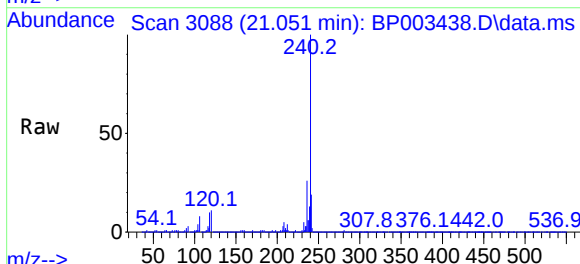
Instrument :  
BNA\_P  
ClientSampleId :  
PB132022BL

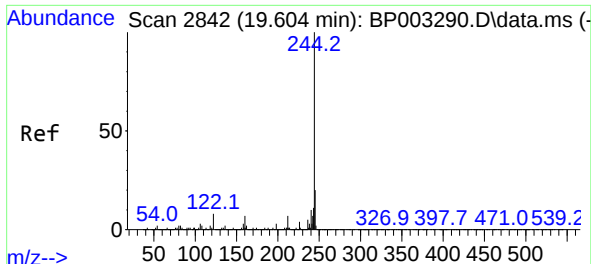
Tgt Ion:188 Resp: 455226  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.2 9.2  
80 9.9 6.2 9.2#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.051 min Scan# 3088  
Delta R.T. -0.012 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

Tgt Ion:240 Resp: 511035  
Ion Ratio Lower Upper  
240 100  
120 10.8 7.8 11.6  
236 26.0 20.8 31.2

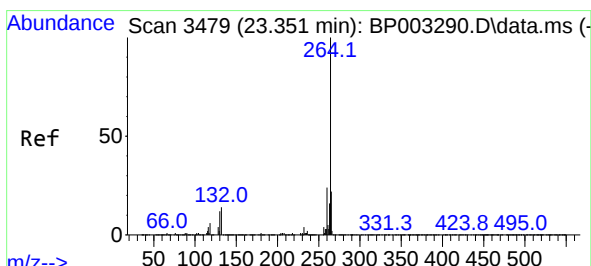
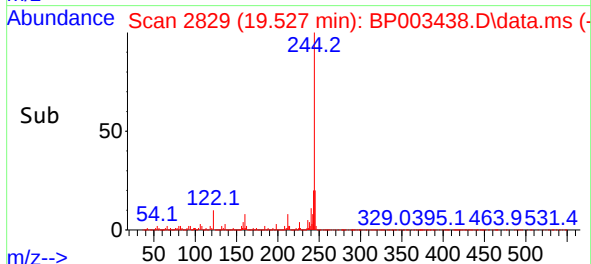
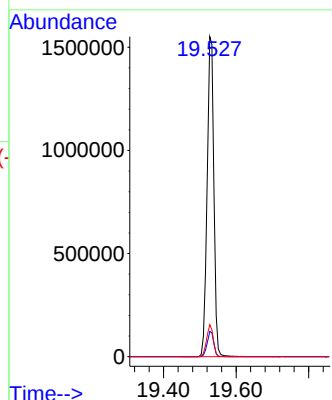
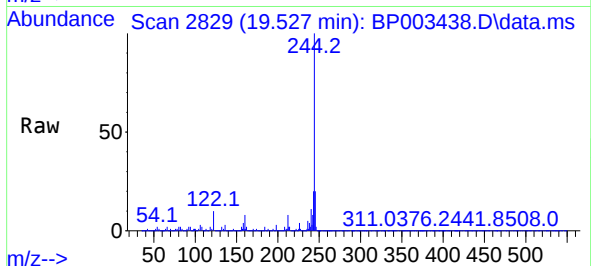




#79  
Terphenyl-d14  
Concen: 80.87 ng  
RT: 19.527 min Scan# 2829  
Delta R.T. -0.006 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

Instrument :  
BNA\_P  
ClientSampleId :  
PB132022BL

Tgt Ion:244 Resp: 1983373  
Ion Ratio Lower Upper  
244 100  
212 7.9 5.8 8.6  
122 10.0 7.8 11.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.239 min Scan# 3460  
Delta R.T. -0.018 min  
Lab File: BP003438.D  
Acq: 01 Oct 2020 15:18

Tgt Ion:264 Resp: 539205  
Ion Ratio Lower Upper  
264 100  
260 24.7 18.8 28.2  
265 21.9 17.4 26.2

