

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072221\  
 Data File : BP006281.D  
 Acq On : 22 Jul 2021 15:27  
 Operator : CG/JU  
 Sample : PB137815BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB137815BL

Quant Time: Jul 22 16:34:16 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 14:48:03 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.799  | 152  | 307484   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.581 | 136  | 1291223  | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.422 | 164  | 734323   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.175 | 188  | 1468155  | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.274 | 240  | 1406396  | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.627 | 264  | 1401342  | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.393  | 112  | 2473951  | 129.15 | ng    | 0.00     |
| 7) Phenol-d6                | 6.975  | 99   | 3111818  | 117.38 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.952  | 82   | 1940091  | 79.51  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.916 | 330  | 837162   | 125.12 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.051 | 172  | 3851967  | 78.90  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.757 | 244  | 5762042  | 82.90  | ng    | 0.00     |

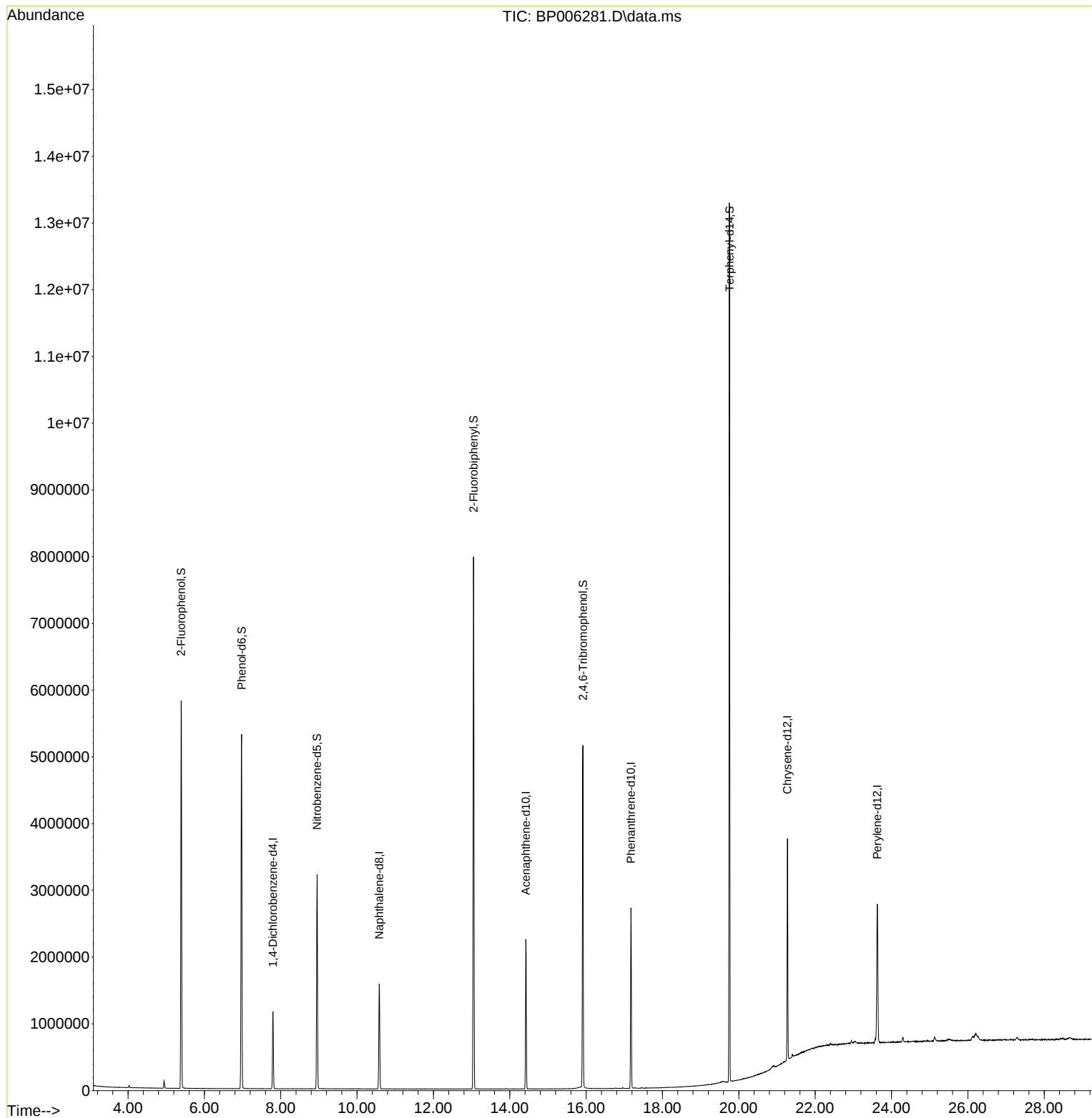
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

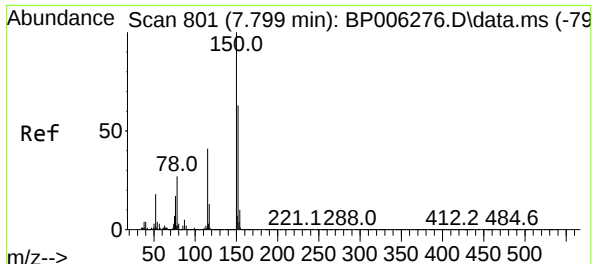
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072221\  
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Sample : PB137815BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 22 14:48:03 2021  
Response via : Initial Calibration

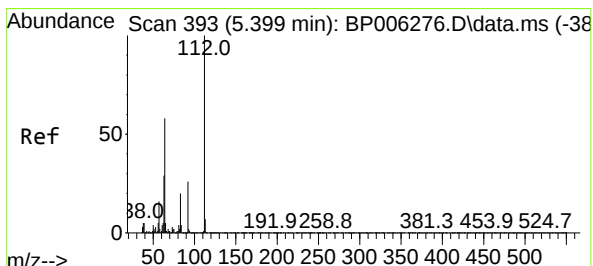
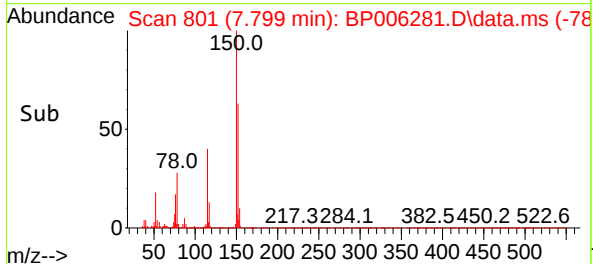
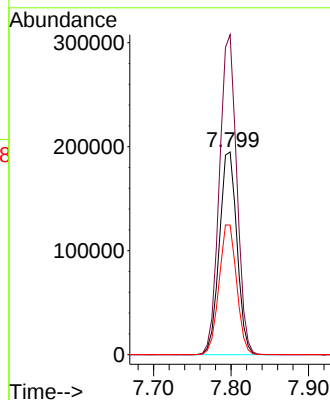
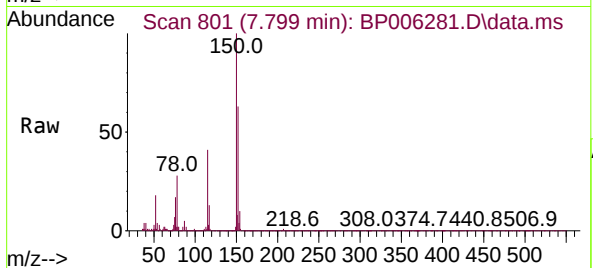




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.799 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: BP006281.D  
Acq: 22 Jul 2021 15:27

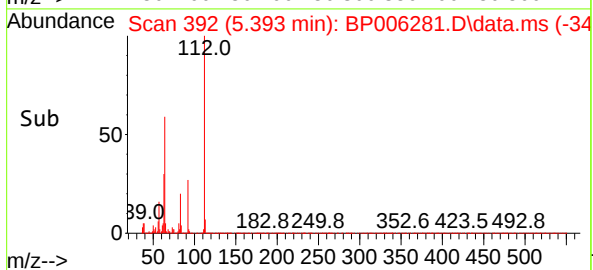
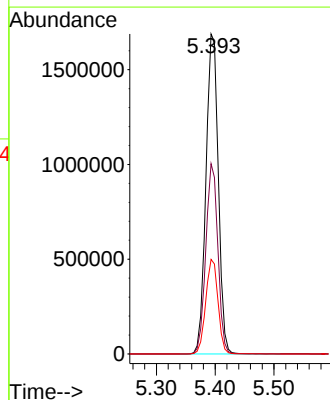
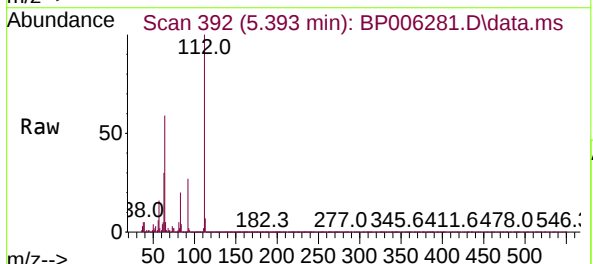
Instrument :  
BNA\_P  
ClientSampleId :  
PB137815BL

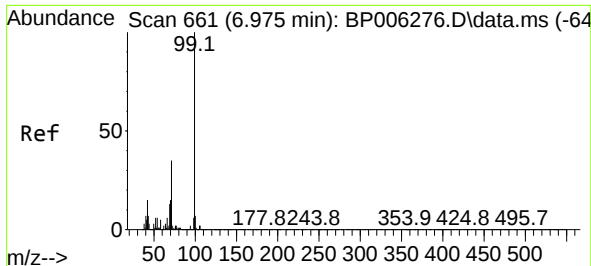
Tgt Ion:152 Resp: 307484  
Ion Ratio Lower Upper  
152 100  
150 157.9 125.6 188.4  
115 63.9 48.5 72.7



#5  
2-Fluorophenol  
Concen: 129.15 ng  
RT: 5.393 min Scan# 392  
Delta R.T. -0.006 min  
Lab File: BP006281.D  
Acq: 22 Jul 2021 15:27

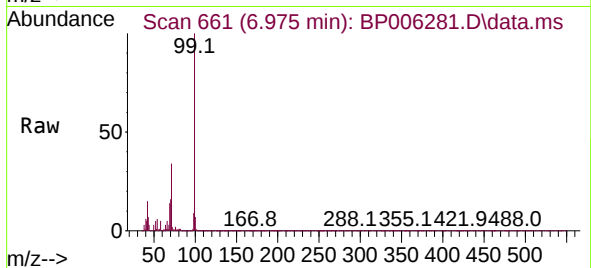
Tgt Ion:112 Resp: 2473951  
Ion Ratio Lower Upper  
112 100  
64 59.4 41.4 62.2  
63 29.6 23.8 35.8



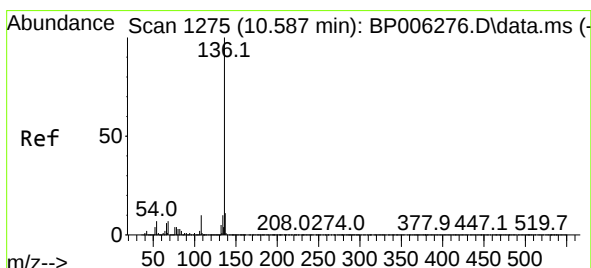
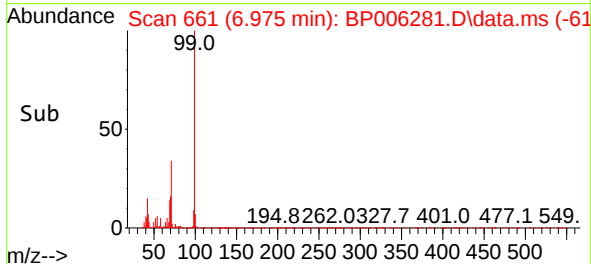
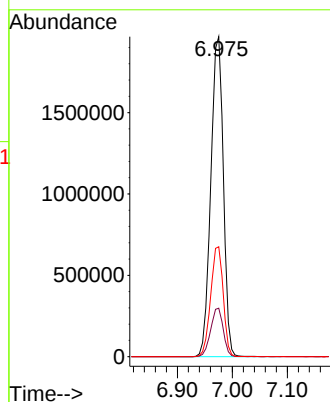


#7  
Phenol-d6  
Concen: 117.38 ng  
RT: 6.975 min Scan# 661  
Delta R.T. -0.000 min  
Lab File: BP006281.D  
Acq: 22 Jul 2021 15:27

Instrument :  
BNA\_P  
ClientSampleId :  
PB137815BL

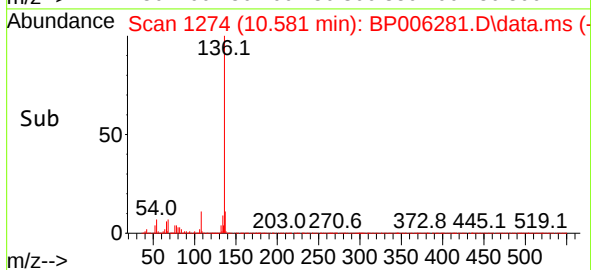
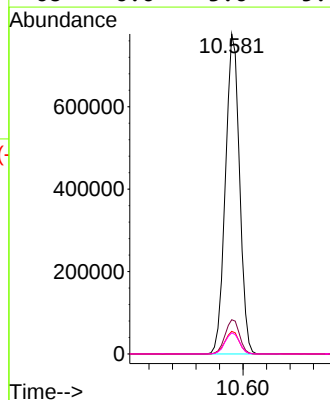
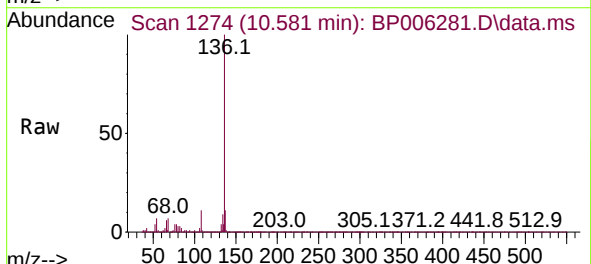


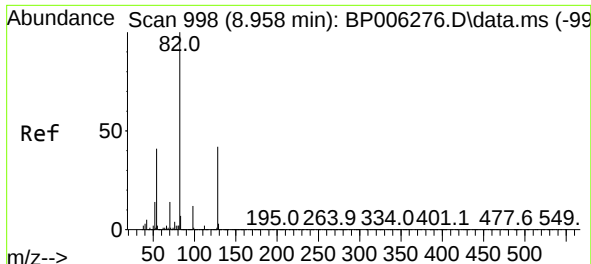
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 15.1  | 13.4  | 20.0  |
| 71      | 34.3  | 30.6  | 46.0  |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.581 min Scan# 1274  
Delta R.T. -0.006 min  
Lab File: BP006281.D  
Acq: 22 Jul 2021 15:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.7  | 8.6   | 12.8  |
| 54      | 7.0   | 4.6   | 6.8#  |
| 68      | 6.6   | 3.6   | 5.4#  |

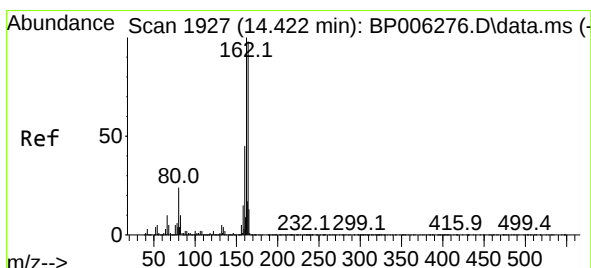
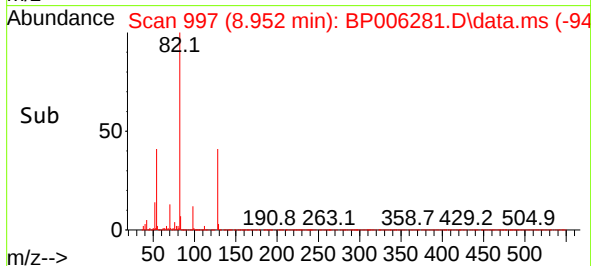
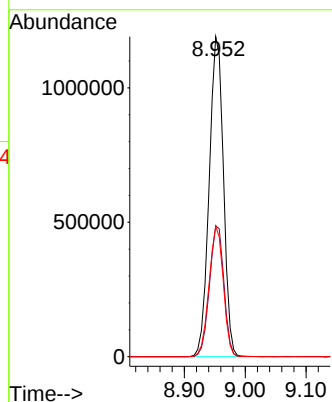
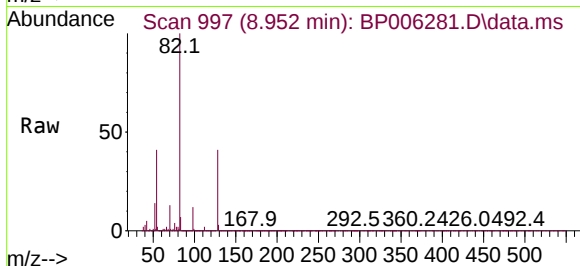




#23  
Nitrobenzene-d5  
Concen: 79.51 ng  
RT: 8.952 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: BP006281.D  
Acq: 22 Jul 2021 15:27

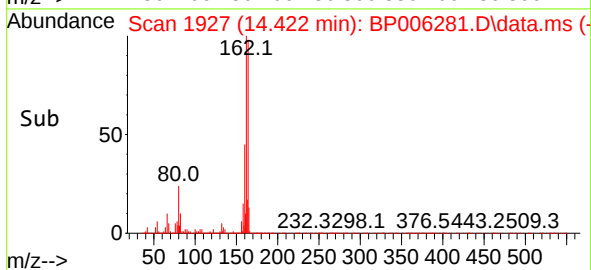
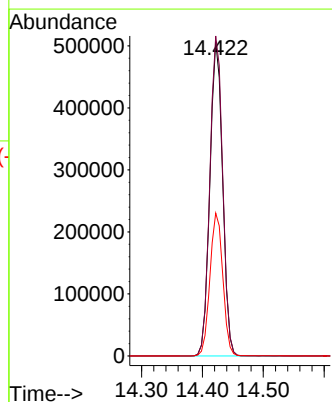
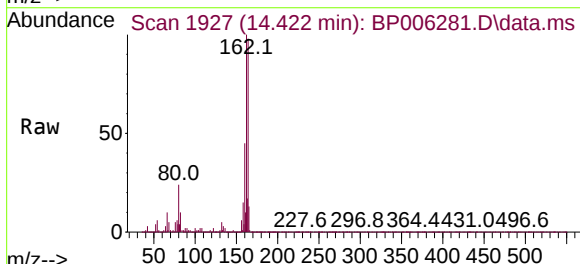
Instrument :  
BNA\_P  
ClientSampleId :  
PB137815BL

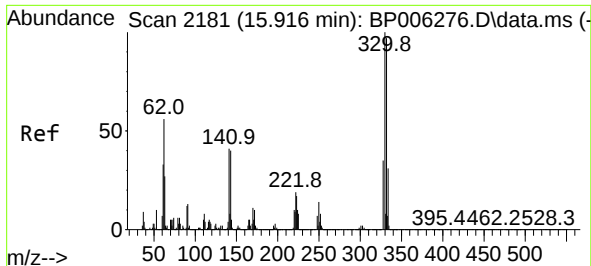
Tgt Ion: 82 Resp: 1940091  
Ion Ratio Lower Upper  
82 100  
128 41.0 35.7 53.5  
54 40.8 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.422 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: BP006281.D  
Acq: 22 Jul 2021 15:27

Tgt Ion: 164 Resp: 734323  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.2 120.2  
160 45.5 34.5 51.7

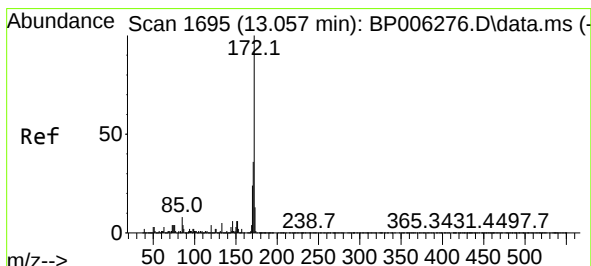
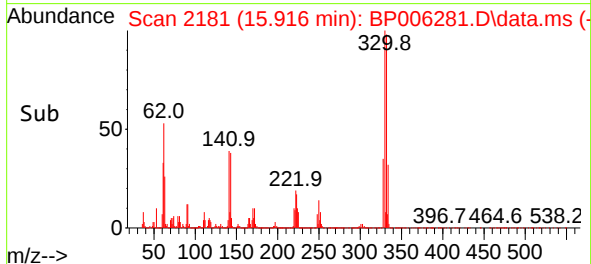
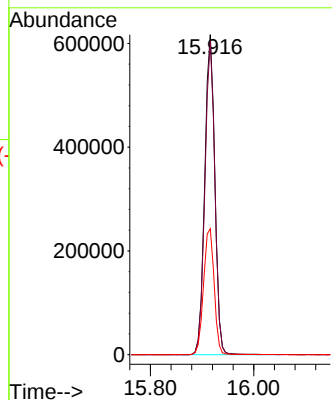
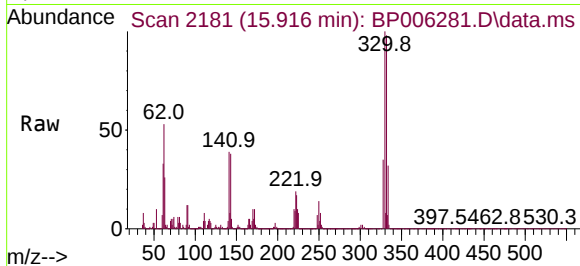




#42  
2,4,6-Tribromophenol  
Concen: 125.12 ng  
RT: 15.916 min Scan# 2181  
Delta R.T. -0.000 min  
Lab File: BP006281.D  
Acq: 22 Jul 2021 15:27

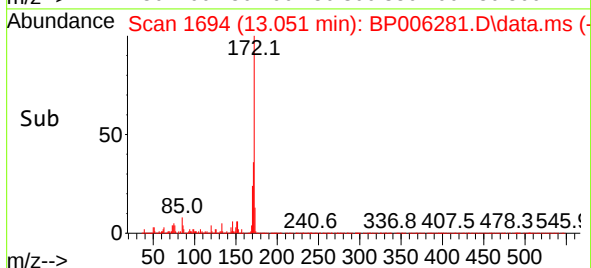
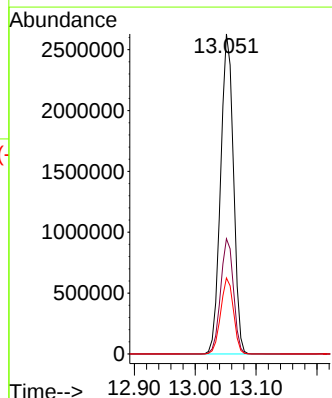
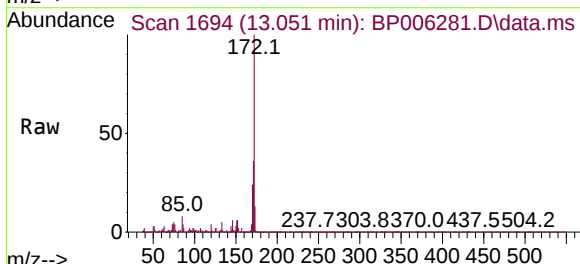
Instrument :  
BNA\_P  
ClientSampleId :  
PB137815BL

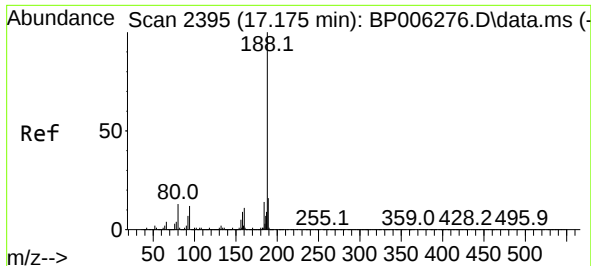
Tgt Ion:330 Resp: 837162  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.8 116.8  
141 41.3 25.4 38.2#



#45  
2-Fluorobiphenyl  
Concen: 78.90 ng  
RT: 13.051 min Scan# 1694  
Delta R.T. -0.006 min  
Lab File: BP006281.D  
Acq: 22 Jul 2021 15:27

Tgt Ion:172 Resp: 3851967  
Ion Ratio Lower Upper  
172 100  
171 36.0 27.9 41.9  
170 23.8 18.6 27.8

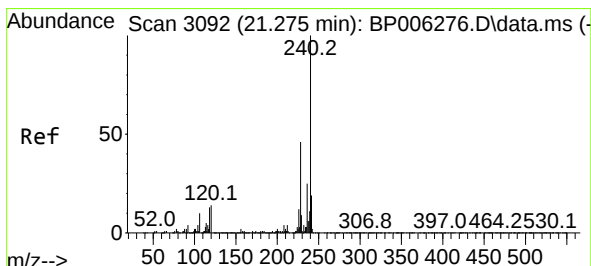
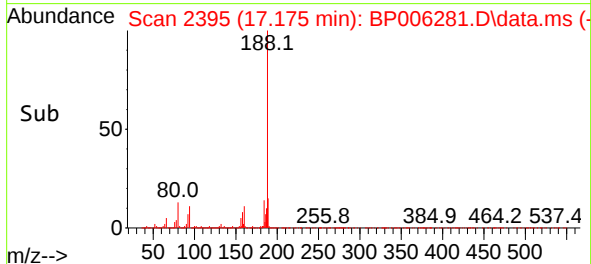
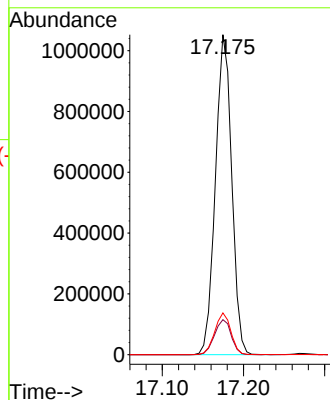
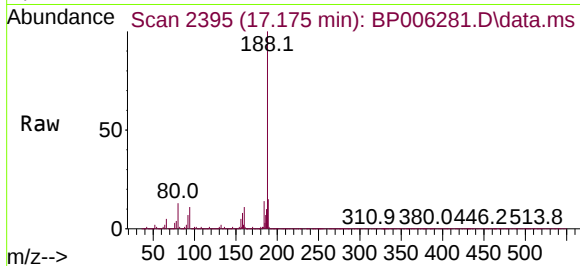




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.175 min Scan# 2395  
Delta R.T. -0.000 min  
Lab File: BP006281.D  
Acq: 22 Jul 2021 15:27

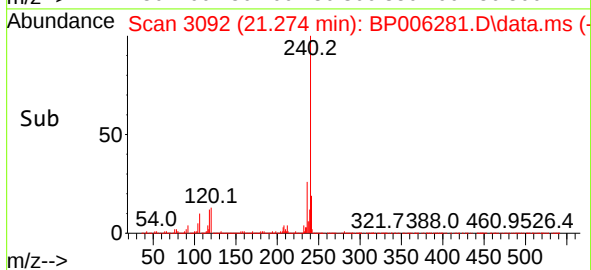
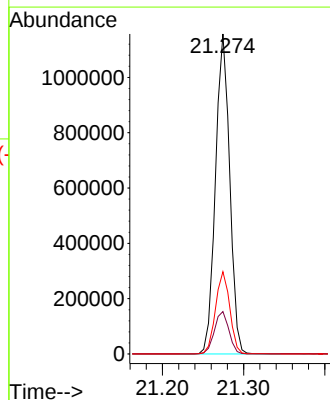
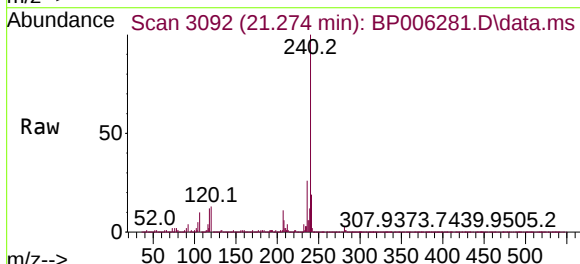
Instrument :  
BNA\_P  
ClientSampleId :  
PB137815BL

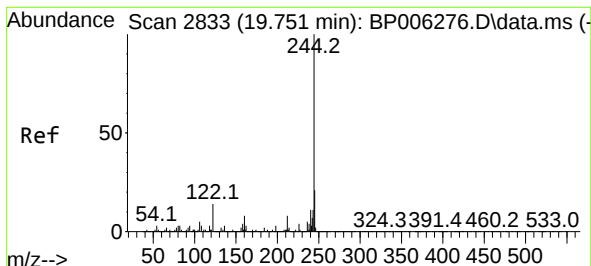
Tgt Ion:188 Resp: 1468155  
Ion Ratio Lower Upper  
188 100  
94 11.0 5.6 8.4#  
80 13.1 6.3 9.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.274 min Scan# 3092  
Delta R.T. -0.000 min  
Lab File: BP006281.D  
Acq: 22 Jul 2021 15:27

Tgt Ion:240 Resp: 1406396  
Ion Ratio Lower Upper  
240 100  
120 13.2 6.5 9.7#  
236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 82.90 ng

RT: 19.757 min Scan# 2834

Delta R.T. 0.006 min

Lab File: BP006281.D

Acq: 22 Jul 2021 15:27

Tgt Ion:244 Resp: 5762042

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

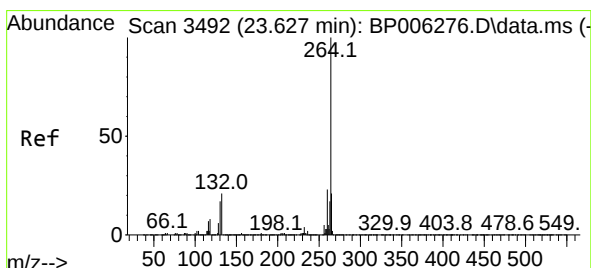
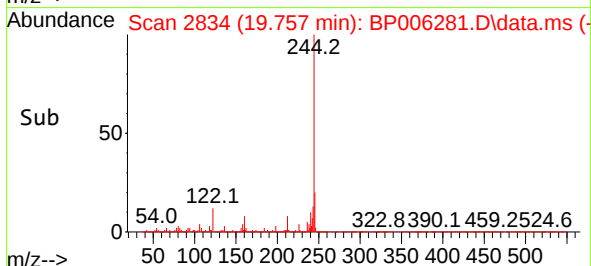
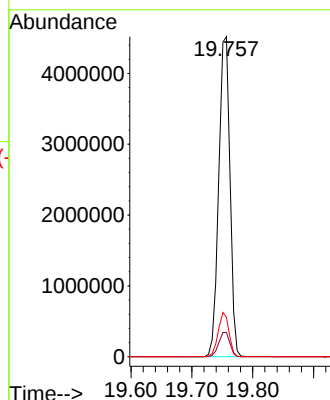
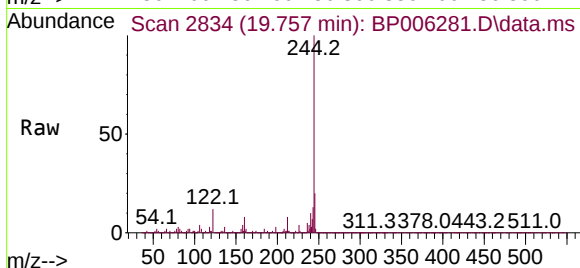
122 12.3 7.1 10.7#

Instrument :

BNA\_P

ClientSampleId :

PB137815BL



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.627 min Scan# 3492

Delta R.T. -0.000 min

Lab File: BP006281.D

Acq: 22 Jul 2021 15:27

Tgt Ion:264 Resp: 1401342

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 22.2 17.6 26.4

