

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
 Data File : BP005234.D  
 Acq On : 08 Apr 2021 13:06  
 Operator : CG/JU  
 Sample : PB135596BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB135596BL

Quant Time: Apr 08 14:16:21 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 06 12:33:08 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.692  | 152  | 19107    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.481 | 136  | 70556    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.351 | 164  | 45405    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.116 | 188  | 103261   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.215 | 240  | 126643   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.492 | 264  | 140854   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.293  | 112  | 185031   | 149.03 | ng    | 0.00     |
| 7) Phenol-d6                | 6.875  | 99   | 223687   | 125.78 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.851  | 82   | 142629   | 86.74  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.857 | 330  | 94725    | 160.12 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.969 | 172  | 291279   | 86.78  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.692 | 244  | 585833   | 84.21  | ng    | 0.00     |

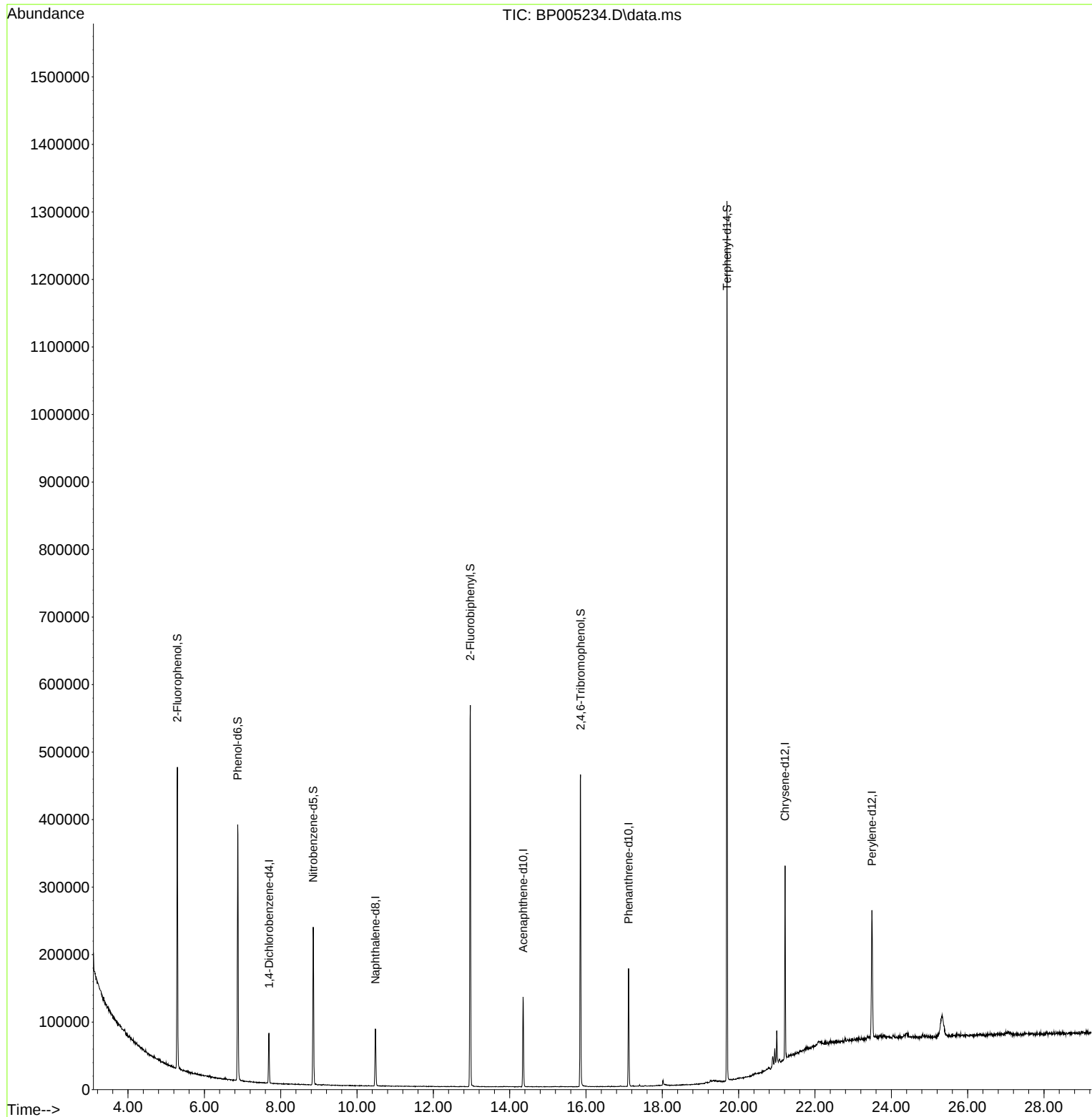
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

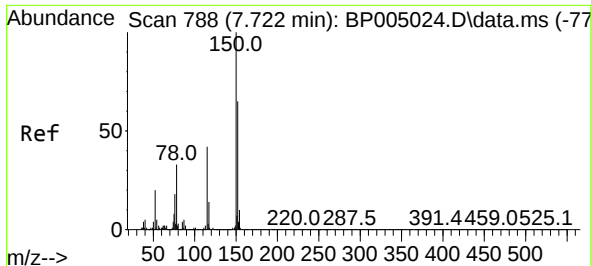
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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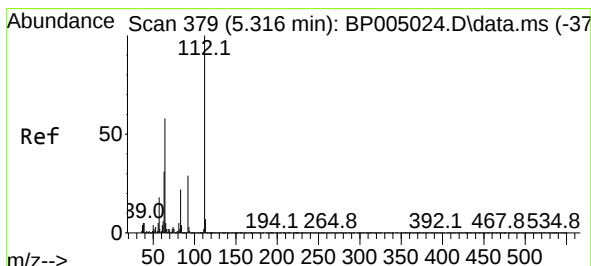
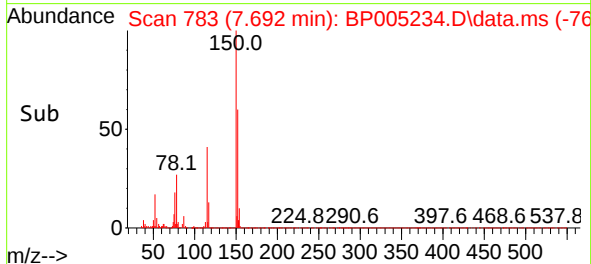
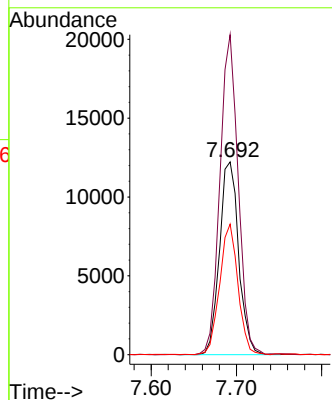
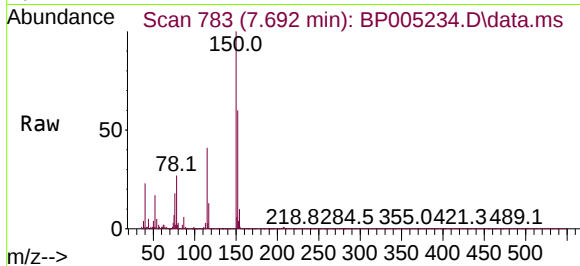




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.692 min Scan# 783  
Delta R.T. -0.001 min  
Lab File: BP005234.D  
Acq: 08 Apr 2021 13:06

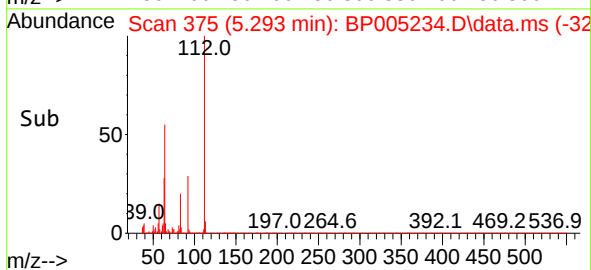
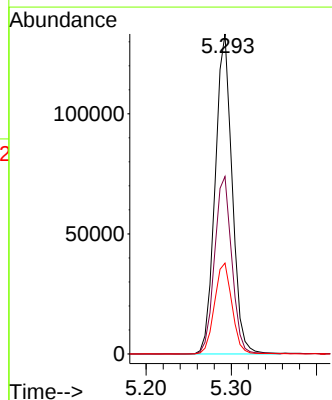
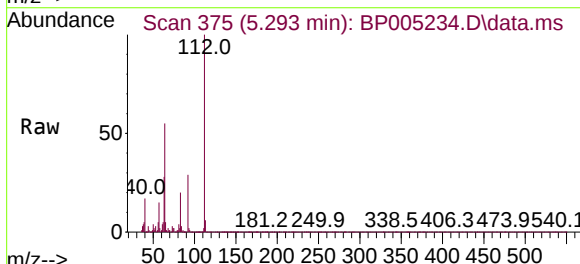
Instrument :  
BNA\_P  
ClientSampleId :  
PB135596BL

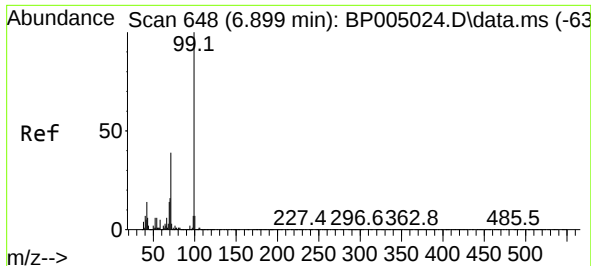
Tgt Ion:152 Resp: 19107  
Ion Ratio Lower Upper  
152 100  
150 165.9 123.8 185.6  
115 67.7 43.8 65.6#



#5  
2-Fluorophenol  
Concen: 149.03 ng  
RT: 5.293 min Scan# 375  
Delta R.T. -0.000 min  
Lab File: BP005234.D  
Acq: 08 Apr 2021 13:06

Tgt Ion:112 Resp: 185031  
Ion Ratio Lower Upper  
112 100  
64 55.5 32.8 49.2#  
63 28.4 17.0 25.4#

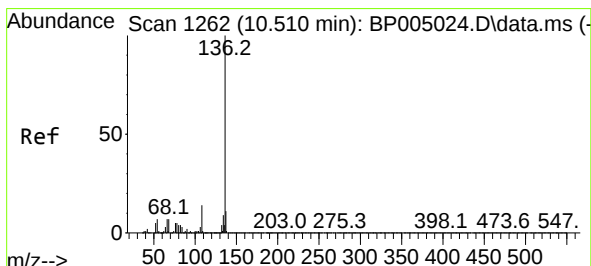
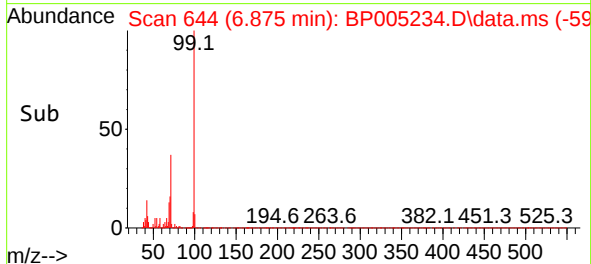
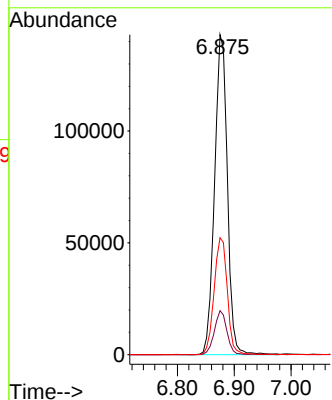
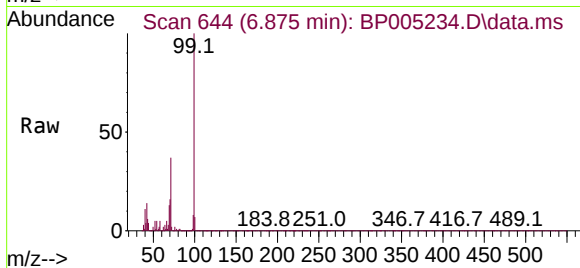




#7  
Phenol-d6  
Concen: 125.78 ng  
RT: 6.875 min Scan# 644  
Delta R.T. -0.006 min  
Lab File: BP005234.D  
Acq: 08 Apr 2021 13:06

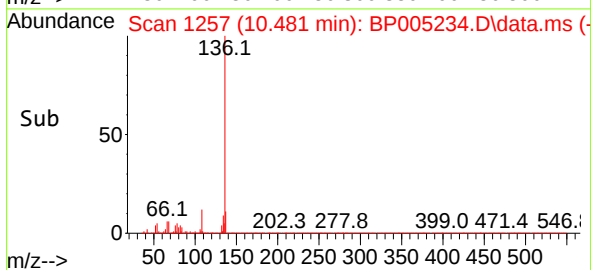
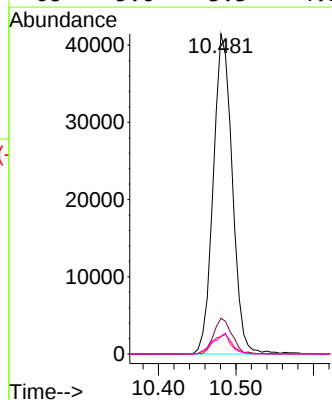
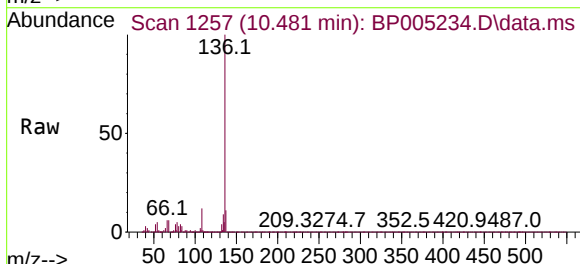
Instrument :  
BNA\_P  
ClientSampleId :  
PB135596BL

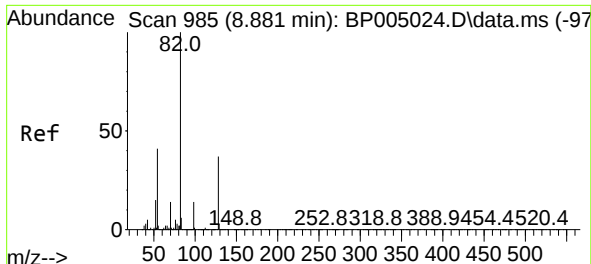
Tgt Ion: 99 Resp: 223687  
Ion Ratio Lower Upper  
99 100  
42 13.8 8.6 13.0#  
71 36.6 23.4 35.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.481 min Scan# 1257  
Delta R.T. -0.006 min  
Lab File: BP005234.D  
Acq: 08 Apr 2021 13:06

Tgt Ion:136 Resp: 70556  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 5.5 3.6 5.4#  
68 5.6 3.3 4.9#

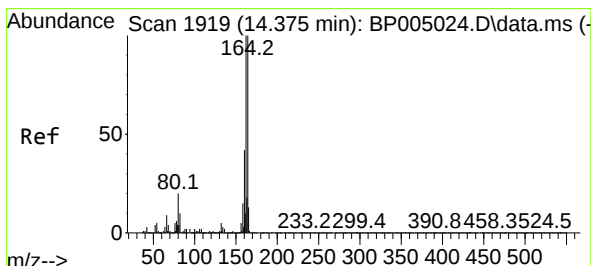
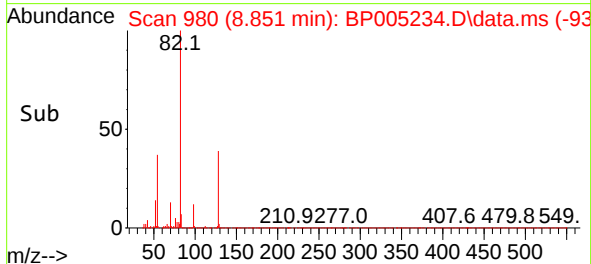
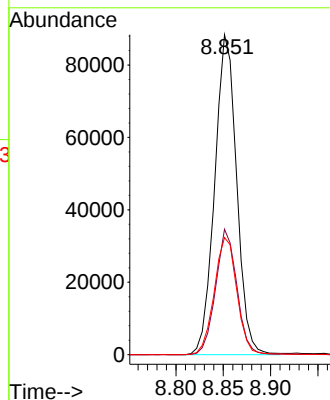
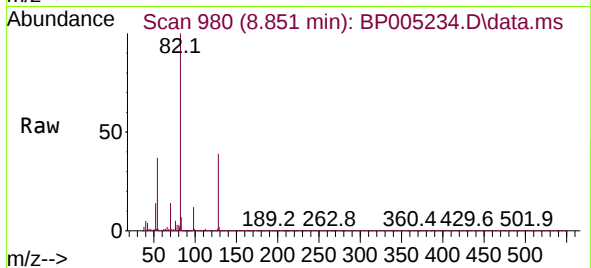




#23  
Nitrobenzene-d5  
Concen: 86.74 ng  
RT: 8.851 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: BP005234.D  
Acq: 08 Apr 2021 13:06

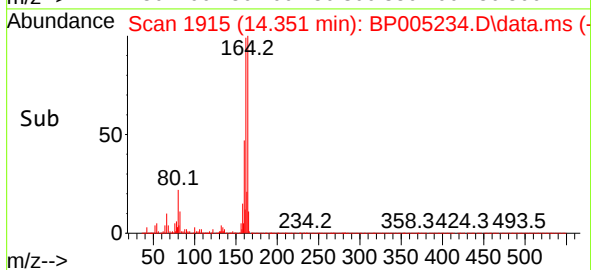
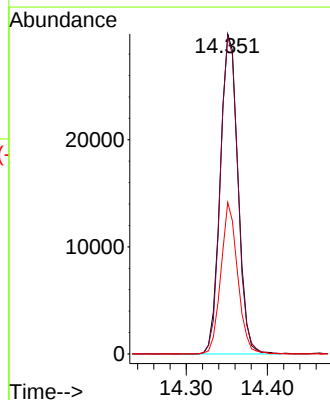
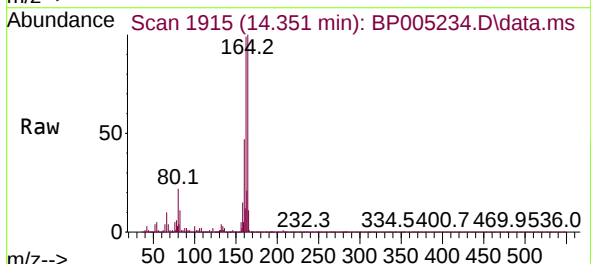
Instrument :  
BNA\_P  
ClientSampleId :  
PB135596BL

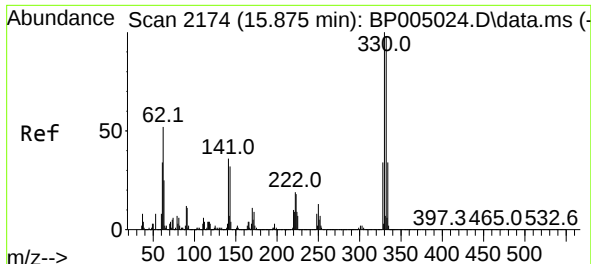
Tgt Ion: 82 Resp: 142629  
Ion Ratio Lower Upper  
82 100  
128 39.2 45.6 68.4#  
54 36.6 30.1 45.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.351 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: BP005234.D  
Acq: 08 Apr 2021 13:06

Tgt Ion: 164 Resp: 45405  
Ion Ratio Lower Upper  
164 100  
162 99.1 79.4 119.2  
160 47.4 36.1 54.1

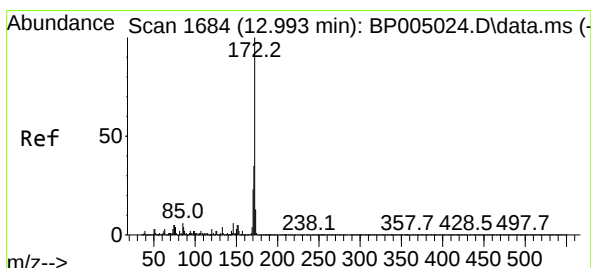
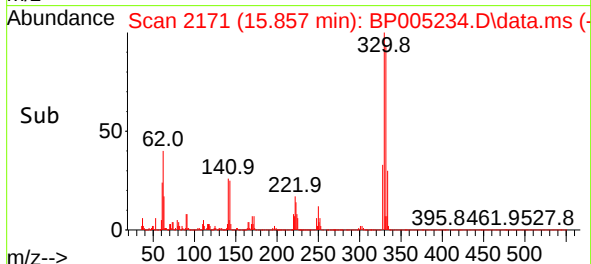
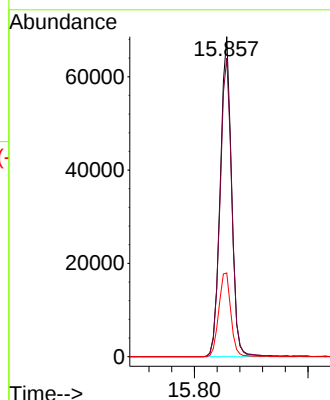
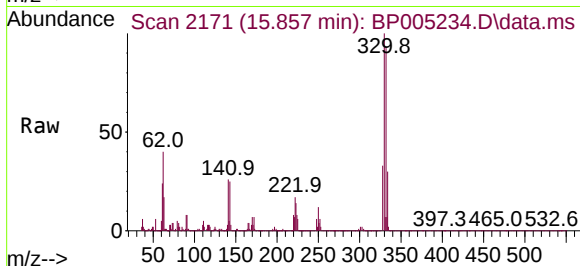




#42  
2,4,6-Tribromophenol  
Concen: 160.12 ng  
RT: 15.857 min Scan# 2171  
Delta R.T. -0.000 min  
Lab File: BP005234.D  
Acq: 08 Apr 2021 13:06

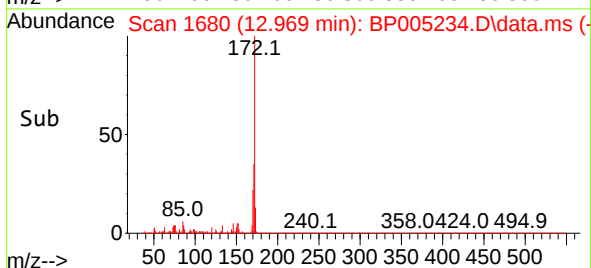
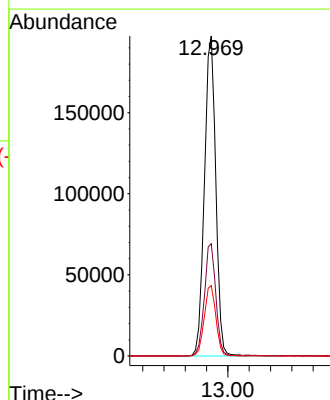
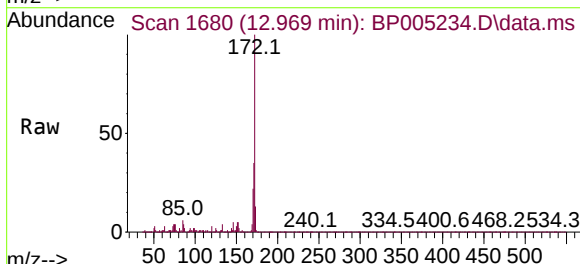
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PB135596BL

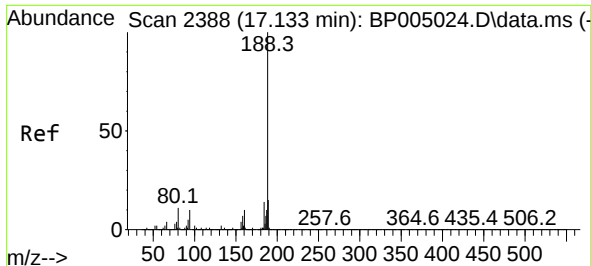
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 77.1  | 115.7 |
| 141     | 27.9  | 23.4  | 35.2  |



#45  
2-Fluorobiphenyl  
Concen: 86.78 ng  
RT: 12.969 min Scan# 1680  
Delta R.T. -0.000 min  
Lab File: BP005234.D  
Acq: 08 Apr 2021 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 28.5  | 42.7  |
| 170     | 22.0  | 19.2  | 28.8  |

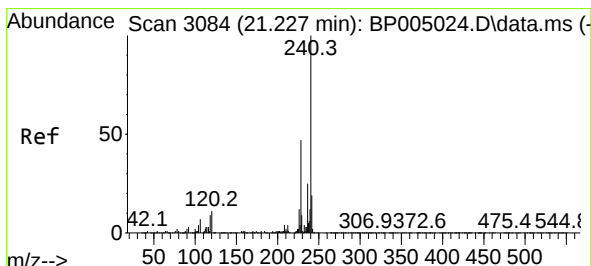
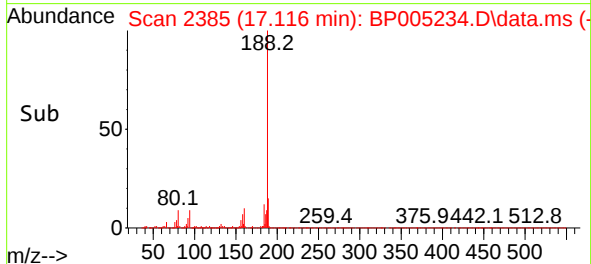
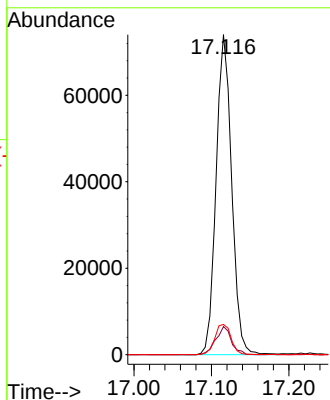
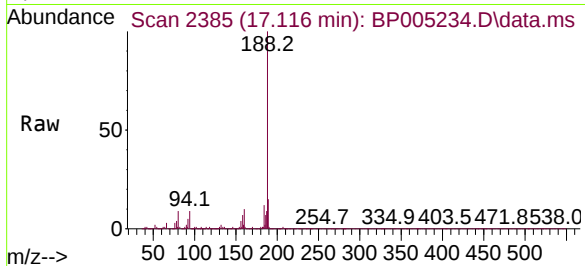




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.116 min Scan# 2385  
Delta R.T. -0.000 min  
Lab File: BP005234.D  
Acq: 08 Apr 2021 13:06

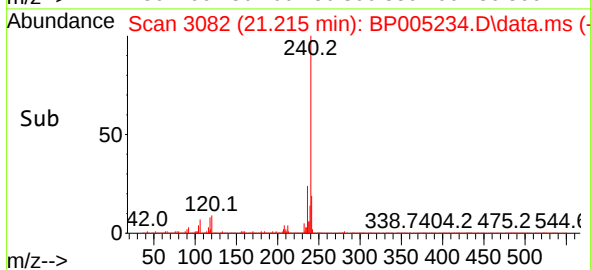
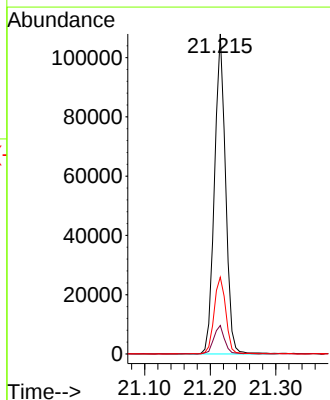
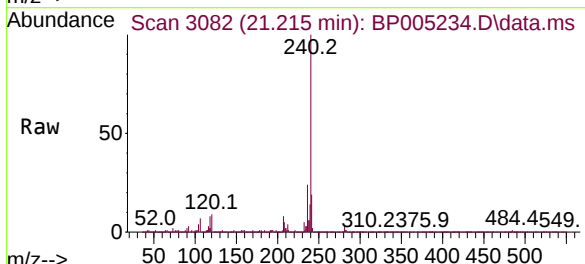
Instrument :  
BNA\_P  
ClientSampleId :  
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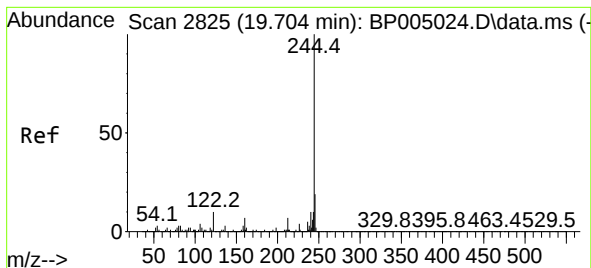
Tgt Ion:188 Resp: 103261  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.2 9.2  
80 9.4 6.2 9.2#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.215 min Scan# 3082  
Delta R.T. -0.000 min  
Lab File: BP005234.D  
Acq: 08 Apr 2021 13:06

Tgt Ion:240 Resp: 126643  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.8 11.6  
236 24.0 20.8 31.2





#79

Terphenyl-d14

Concen: 84.21 ng

RT: 19.692 min Scan# 2823

Delta R.T. 0.006 min

Lab File: BP005234.D

Acq: 08 Apr 2021 13:06

Instrument :

BNA\_P

ClientSampleId :

PB135596BL

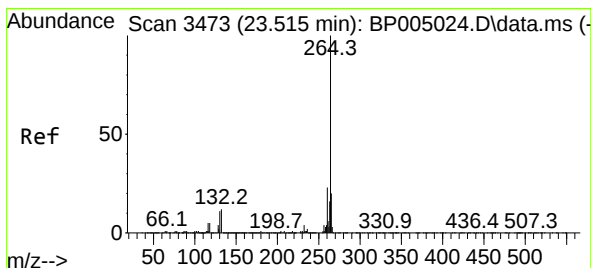
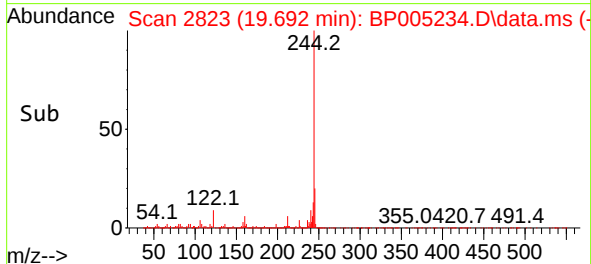
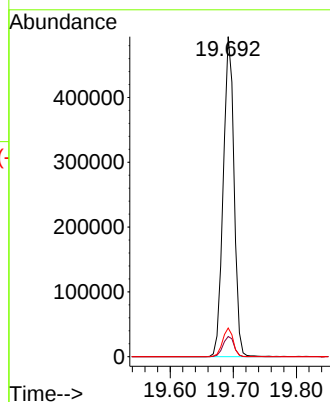
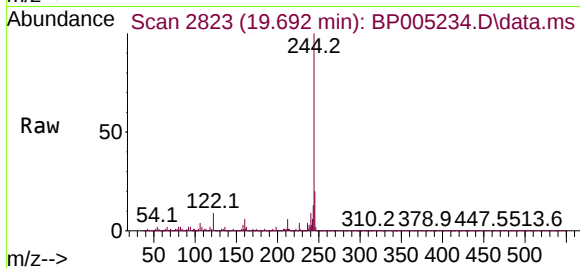
Tgt Ion:244 Resp: 585833

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.6

122 8.9 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.492 min Scan# 3469

Delta R.T. -0.000 min

Lab File: BP005234.D

Acq: 08 Apr 2021 13:06

Tgt Ion:264 Resp: 140854

Ion Ratio Lower Upper

264 100

260 21.9 18.8 28.2

265 22.7 17.4 26.2

