

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040521\  
 Data File : BP005179.D  
 Acq On : 05 Apr 2021 15:23  
 Operator : CG/JU  
 Sample : M1908-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 FILL(0.5-1.0)

Quant Time: Apr 05 16:00:17 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 01 12:23:57 2021  
 Response via : Initial Calibration

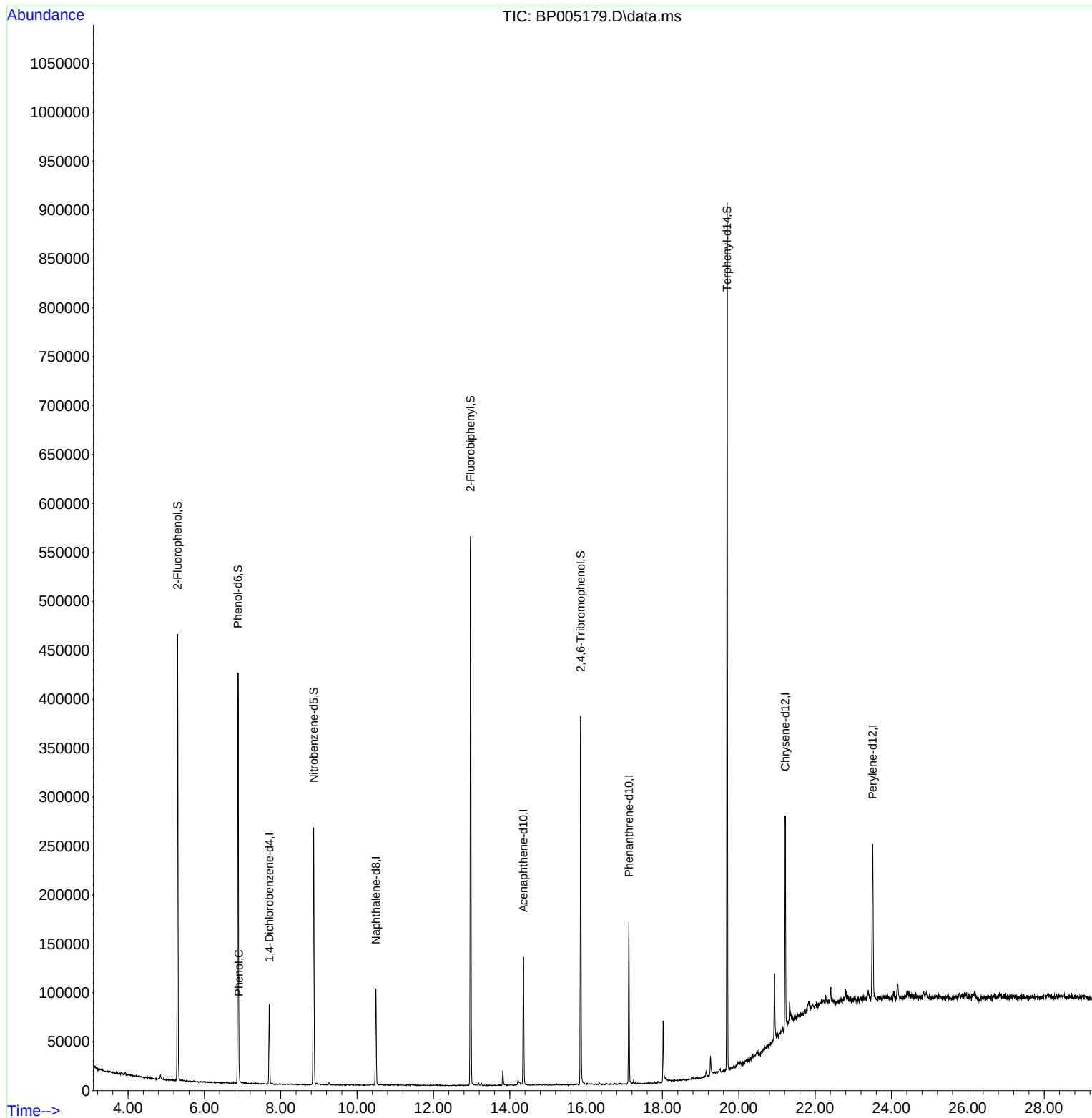
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|--------|------|----------|--------|-------|----------------|
| -----                       |        |      |          |        |       |                |
| Internal Standards          |        |      |          |        |       |                |
| 1) 1,4-Dichlorobenzene-d4   | 7.705  | 152  | 21355    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.493 | 136  | 77659    | 20.00  | ng    | # 0.00         |
| 39) Acenaphthene-d10        | 14.357 | 164  | 44752    | 20.00  | ng    | 0.00           |
| 64) Phenanthrene-d10        | 17.122 | 188  | 93666    | 20.00  | ng    | # 0.00         |
| 76) Chrysene-d12            | 21.216 | 240  | 102157   | 20.00  | ng    | -0.01          |
| 86) Perylene-d12            | 23.504 | 264  | 113833   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |        |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.299  | 112  | 182609   | 131.60 | ng    | 0.00           |
| 7) Phenol-d6                | 6.881  | 99   | 236516   | 118.99 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 8.863  | 82   | 164550   | 90.91  | ng    | 0.00           |
| 42) 2,4,6-Tribromophenol    | 15.857 | 330  | 64397    | 110.44 | ng    | 0.00           |
| 45) 2-Fluorobiphenyl        | 12.975 | 172  | 282897   | 85.51  | ng    | 0.00           |
| 79) Terphenyl-d14           | 19.692 | 244  | 391027   | 69.68  | ng    | 0.00           |
| Target Compounds            |        |      |          |        |       |                |
| 10) Phenol                  | 6.905  | 94   | 4566     | 2.24   | ng    | Qvalue<br># 67 |
| -----                       |        |      |          |        |       |                |

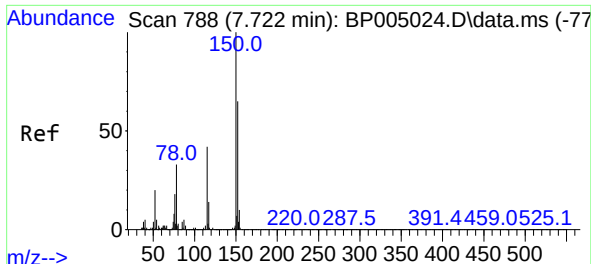
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040521\  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
FILL(0.5-1.0)

Quant Time: Apr 05 16:00:17 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 01 12:23:57 2021  
Response via : Initial Calibration

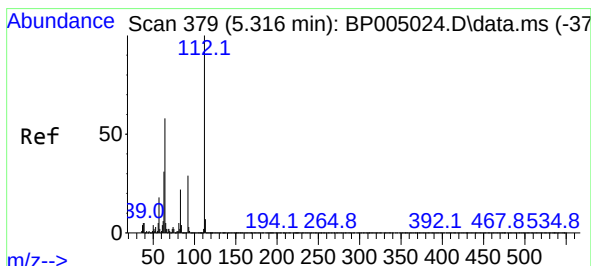
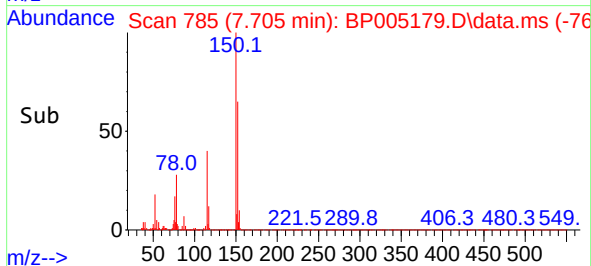
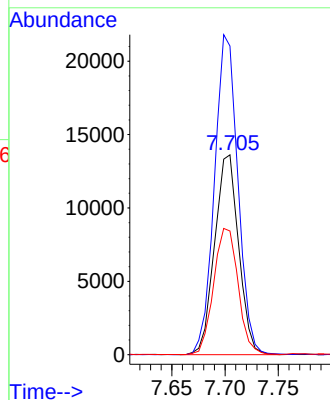
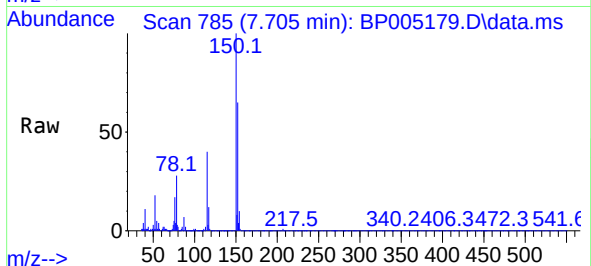




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.705 min Scan# 785  
Delta R.T. -0.000 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

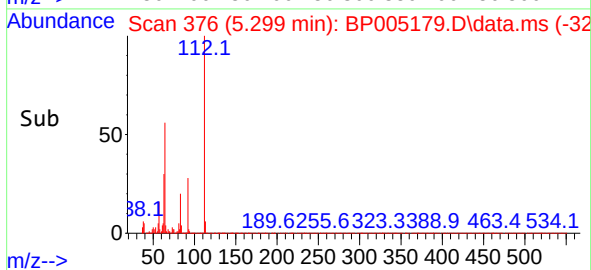
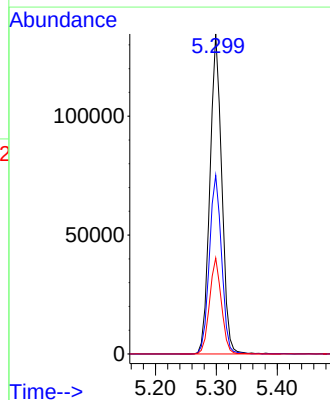
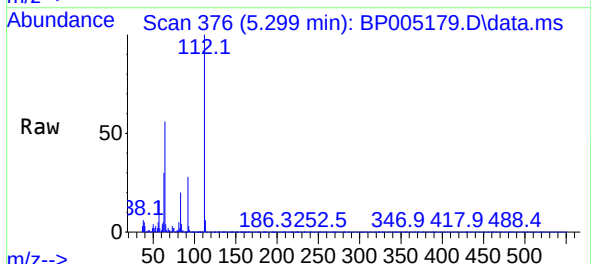
Instrument :  
BNA\_P  
ClientSampleId :  
FILL(0.5-1.0)

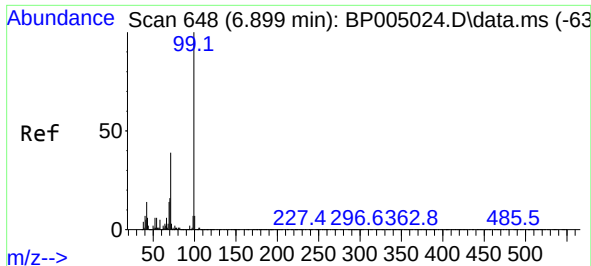
Tgt Ion:152 Resp: 21355  
Ion Ratio Lower Upper  
152 100  
150 154.5 123.8 185.6  
115 61.9 43.8 65.6



#5  
2-Fluorophenol  
Concen: 131.60 ng  
RT: 5.299 min Scan# 376  
Delta R.T. -0.006 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

Tgt Ion:112 Resp: 182609  
Ion Ratio Lower Upper  
112 100  
64 55.8 32.8 49.2#  
63 30.0 17.0 25.4#

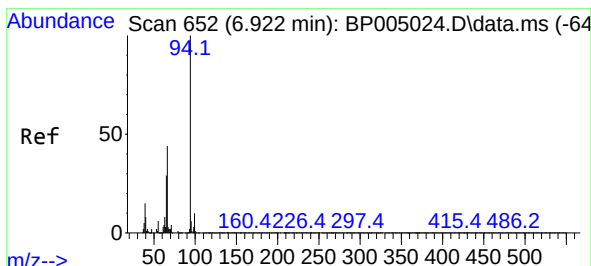
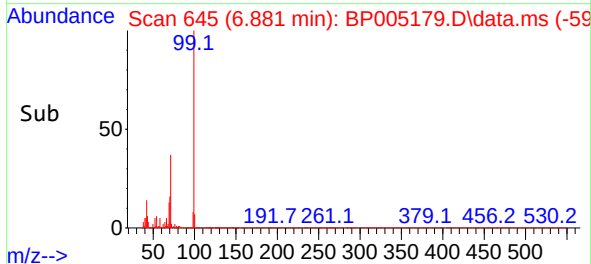
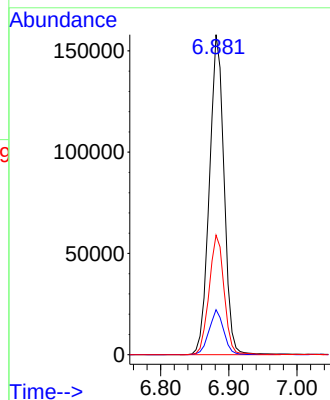
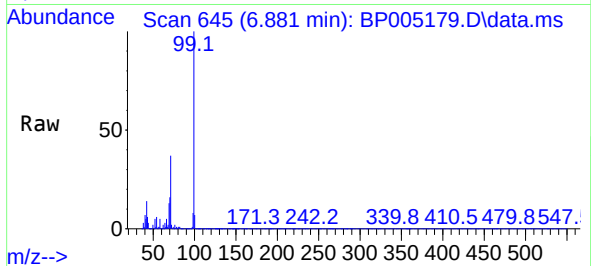




#7  
Phenol-d6  
Concen: 118.99 ng  
RT: 6.881 min Scan# 645  
Delta R.T. -0.006 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

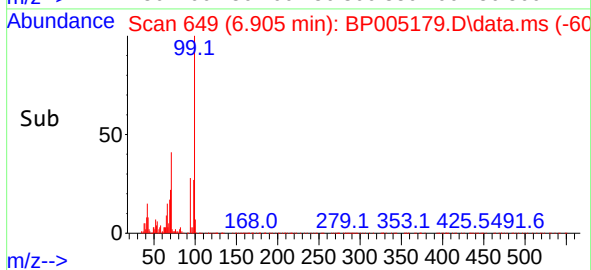
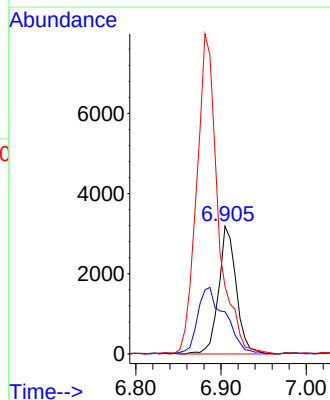
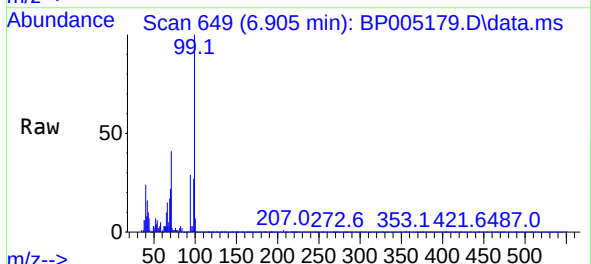
Instrument :  
BNA\_P  
ClientSampleId :  
FILL(0.5-1.0)

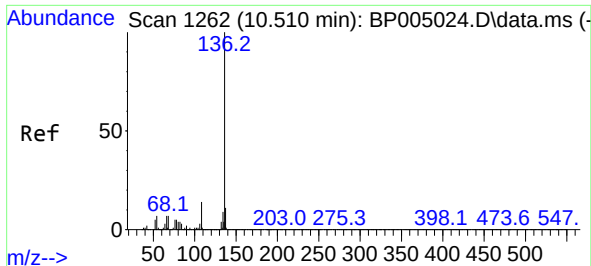
Tgt Ion: 99 Resp: 236516  
Ion Ratio Lower Upper  
99 100  
42 14.1 8.6 13.0#  
71 37.3 23.4 35.2#



#10  
Phenol  
Concen: 2.24 ng  
RT: 6.905 min Scan# 649  
Delta R.T. -0.012 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

Tgt Ion: 94 Resp: 4566  
Ion Ratio Lower Upper  
94 100  
65 33.0 2.3 42.3  
66 52.9 10.9 50.9#

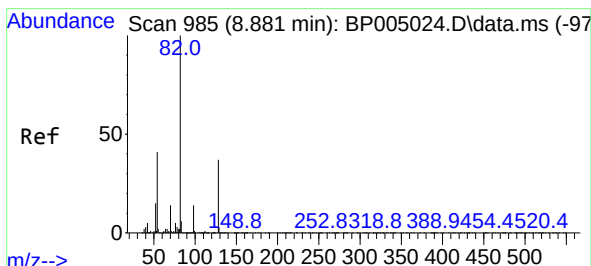
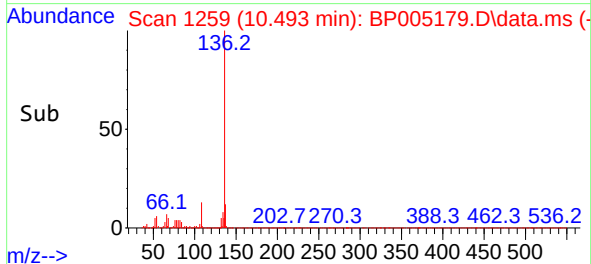
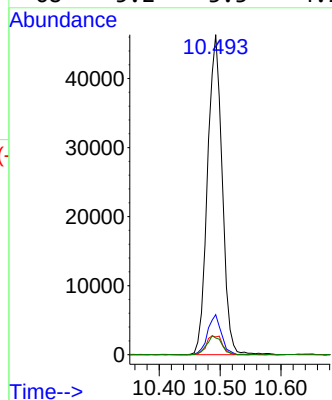
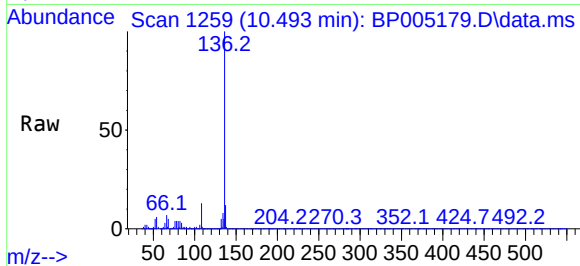




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.493 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

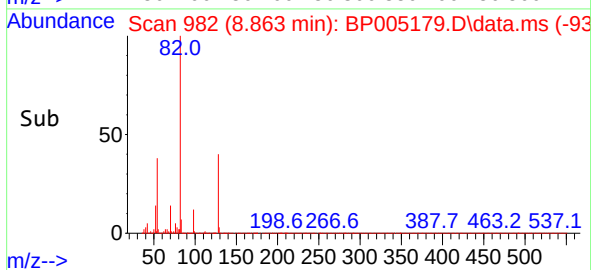
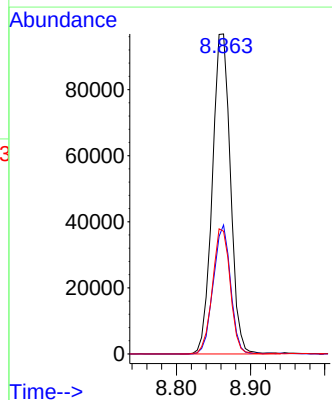
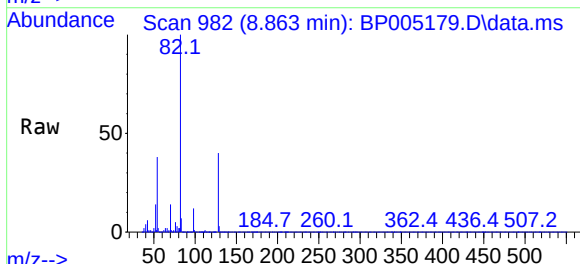
Instrument :  
BNA\_P  
ClientSampleId :  
FILL(0.5-1.0)

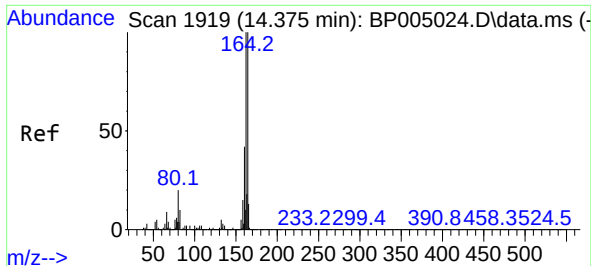
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 77659 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.5  | 8.6   | 13.0  |
| 54       | 5.6   | 3.6   | 5.4#  |
| 68       | 5.2   | 3.3   | 4.9#  |



#23  
Nitrobenzene-d5  
Concen: 90.91 ng  
RT: 8.863 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 164550 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 40.3  | 45.6  | 68.4#  |
| 54       | 38.4  | 30.1  | 45.1   |

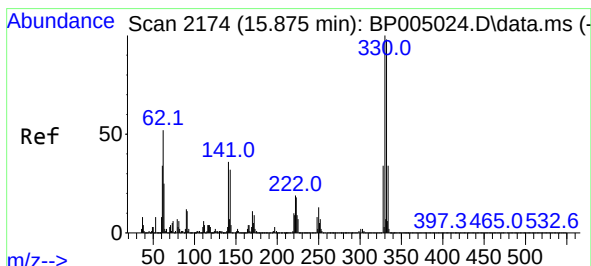
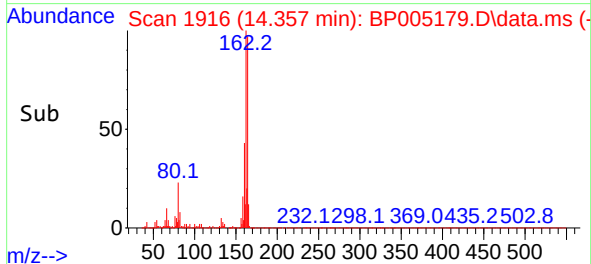
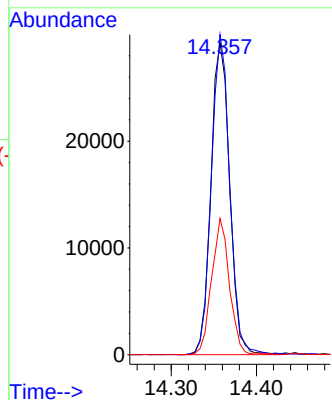
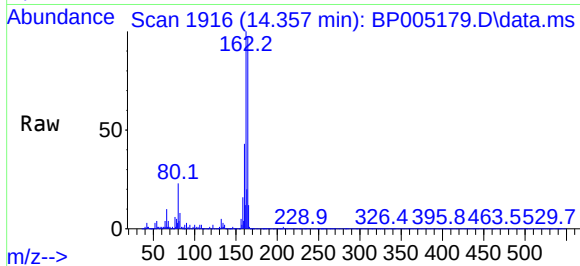




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.357 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

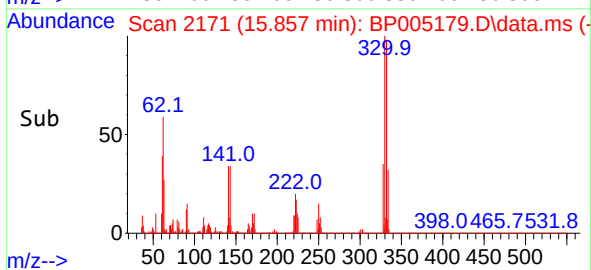
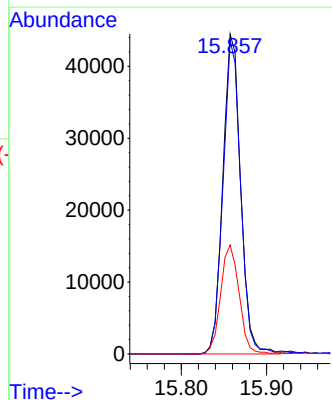
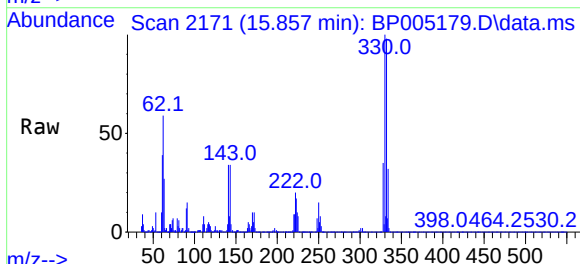
Instrument :  
BNA\_P  
ClientSampleId :  
FILL(0.5-1.0)

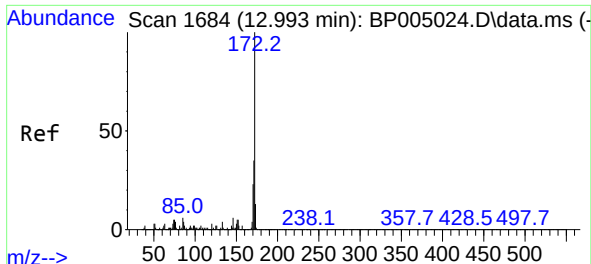
Tgt Ion:164 Resp: 44752  
Ion Ratio Lower Upper  
164 100  
162 102.7 79.4 119.2  
160 43.7 36.1 54.1



#42  
2,4,6-Tribromophenol  
Concen: 110.44 ng  
RT: 15.857 min Scan# 2171  
Delta R.T. -0.006 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

Tgt Ion:330 Resp: 64397  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.1 115.7  
141 35.6 23.4 35.2#

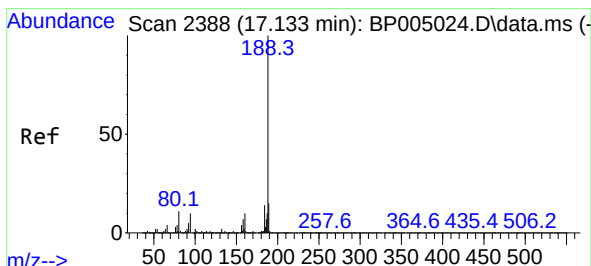
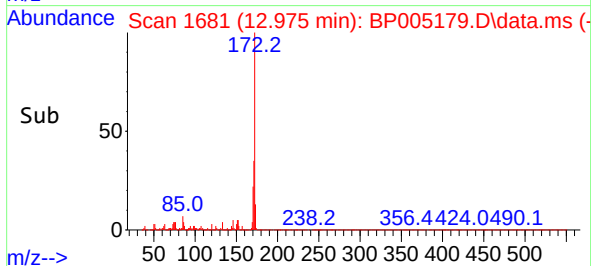
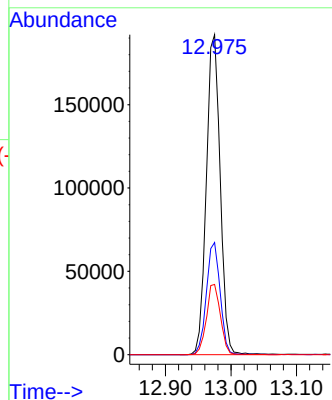
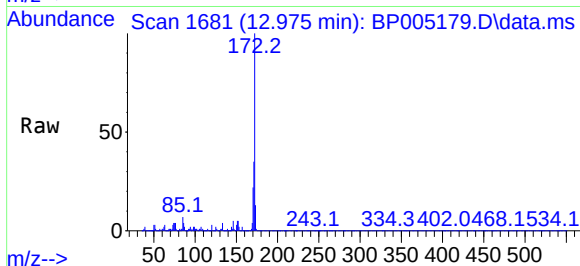




#45  
2-Fluorobiphenyl  
Concen: 85.51 ng  
RT: 12.975 min Scan# 1681  
Delta R.T. -0.006 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

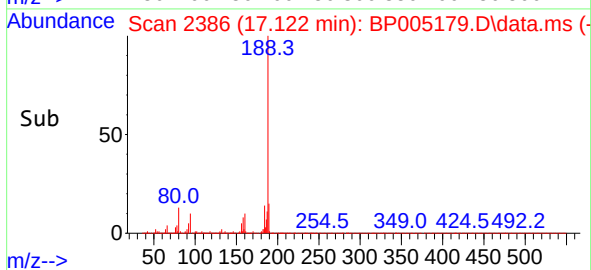
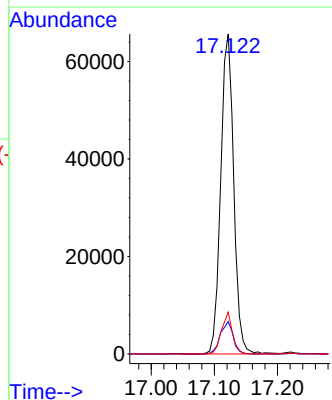
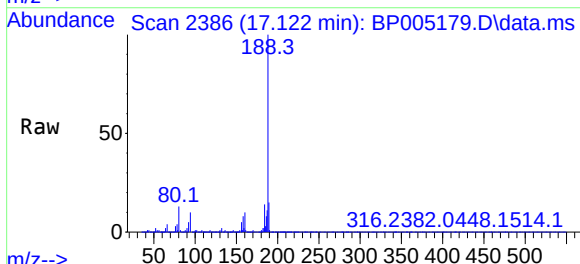
Instrument :  
BNA\_P  
ClientSampleId :  
FILL(0.5-1.0)

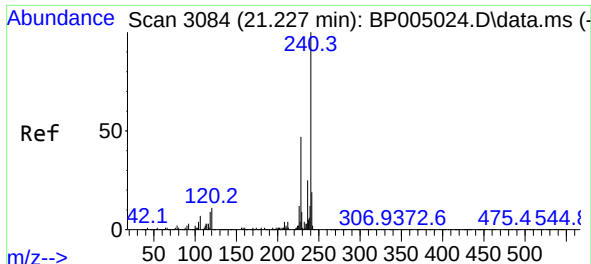
Tgt Ion:172 Resp: 282897  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.5 42.7  
170 22.0 19.2 28.8



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.122 min Scan# 2386  
Delta R.T. -0.006 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

Tgt Ion:188 Resp: 93666  
Ion Ratio Lower Upper  
188 100  
94 10.1 6.2 9.2#  
80 13.1 6.2 9.2#

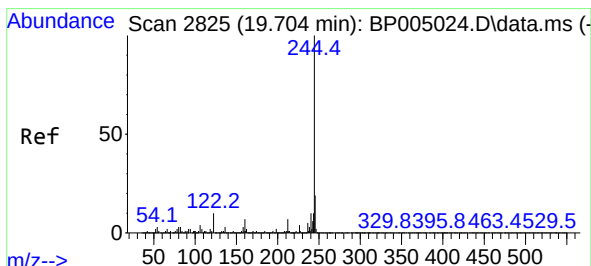
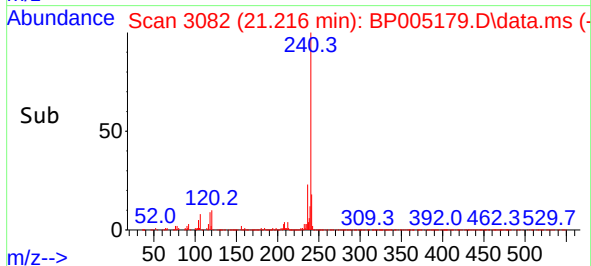
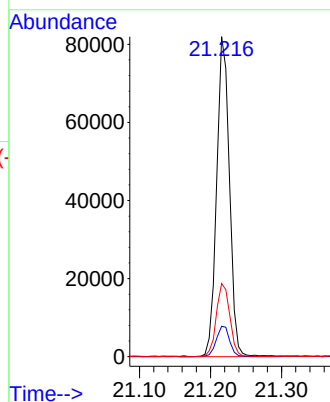
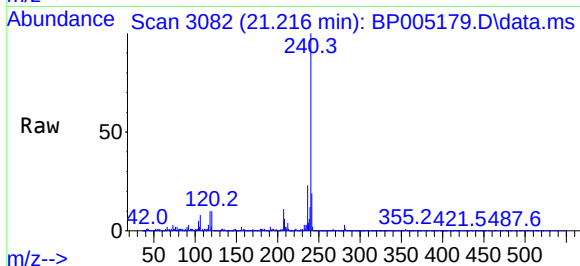




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.216 min Scan# 3082  
Delta R.T. -0.012 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

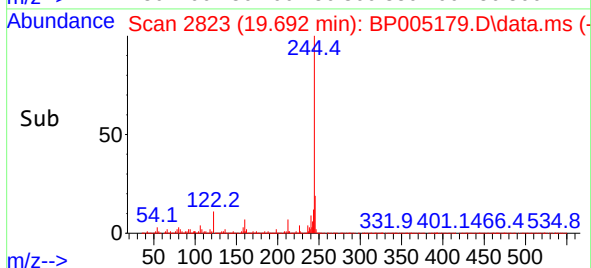
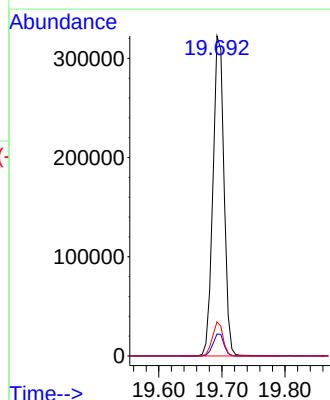
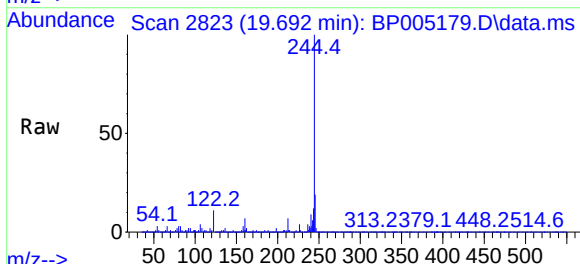
Instrument :  
BNA\_P  
ClientSampleId :  
FILL(0.5-1.0)

Tgt Ion:240 Resp: 102157  
Ion Ratio Lower Upper  
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120 9.5 7.8 11.6  
236 22.8 20.8 31.2

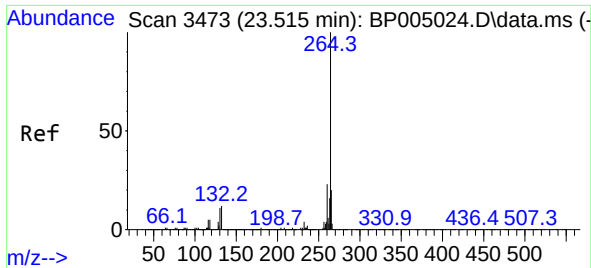


#79  
Terphenyl-d14  
Concen: 69.68 ng  
RT: 19.692 min Scan# 2823  
Delta R.T. -0.006 min  
Lab File: BP005179.D  
Acq: 05 Apr 2021 15:23

Tgt Ion:244 Resp: 391027  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.8 8.6  
122 10.7 7.8 11.8

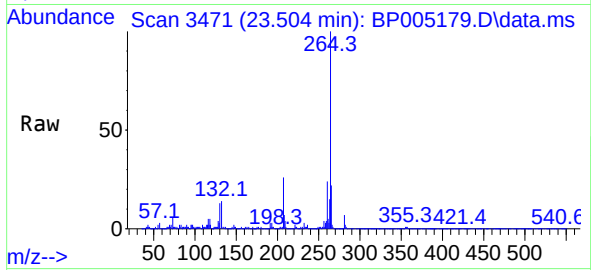






#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.504 min Scan# 3471  
 Delta R.T. -0.006 min  
 Lab File: BP005179.D  
 Acq: 05 Apr 2021 15:23

Instrument :  
 BNA\_P  
 ClientSampleId :  
 FILL(0.5-1.0)



Tgt Ion:264 Resp: 113833  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.8  | 28.2  |
| 265 | 22.0  | 17.4  | 26.2  |

