

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100820\  
 Data File : BP003573.D  
 Acq On : 08 Oct 2020 15:22  
 Operator : CG/JU  
 Sample : PB132184TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB132184TB

Quant Time: Oct 08 16:04:27 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 08 15:55:58 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.481  | 152  | 49169    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.263 | 136  | 198486   | 20.00  | ng    | # 0.01   |
| 39) Acenaphthene-d10        | 14.145 | 164  | 119768   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.904 | 188  | 264602   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.015 | 240  | 304892   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.180 | 264  | 353607   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.093  | 112  | 303829   | 107.90 | ng    | 0.00     |
| 7) Phenol-d6                | 6.693  | 99   | 379076   | 101.00 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.634  | 82   | 284757   | 84.28  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.651 | 330  | 177560   | 97.20  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.757 | 172  | 615344   | 75.14  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.486 | 244  | 973243   | 66.51  | ng    | 0.00     |

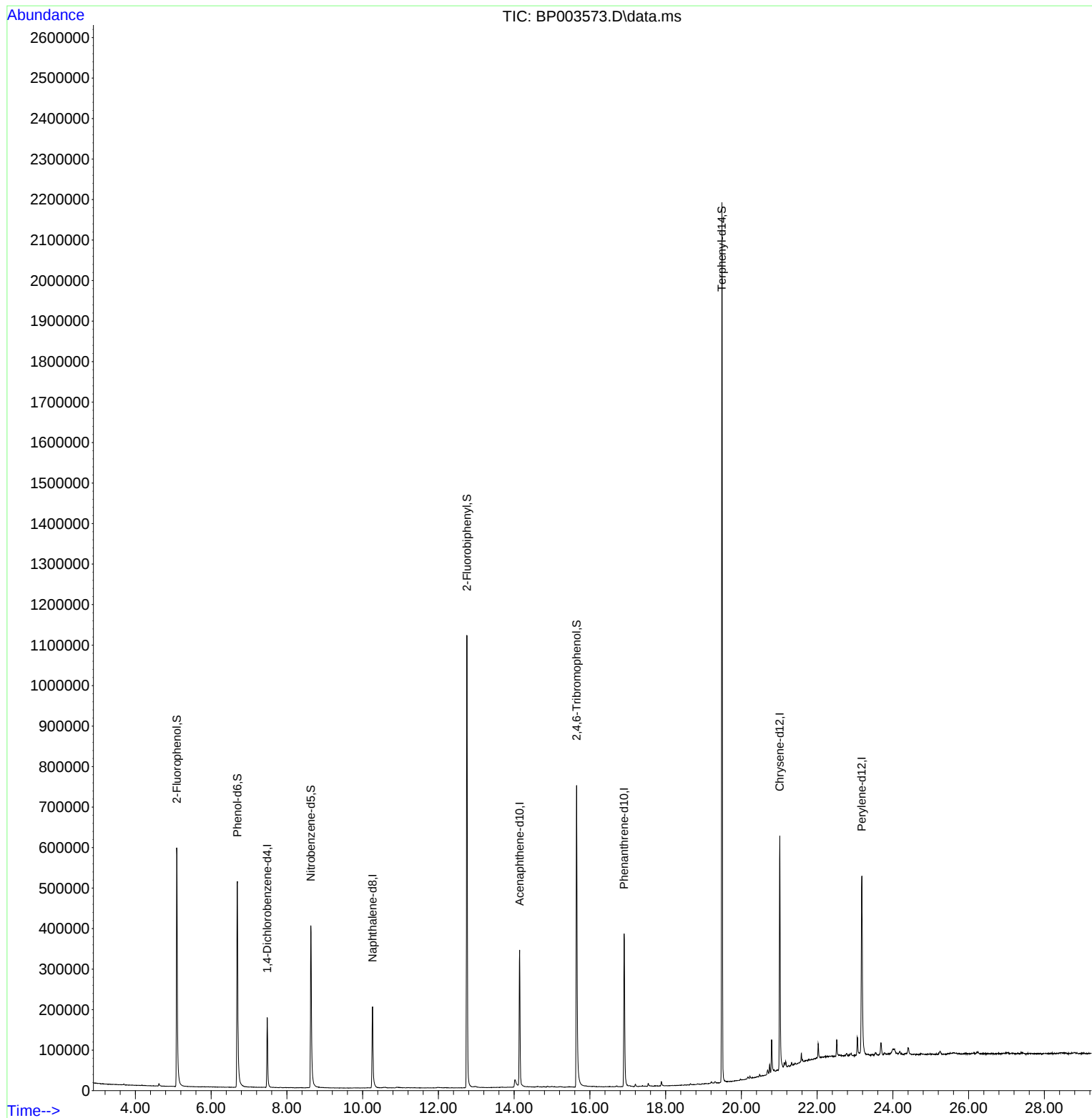
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

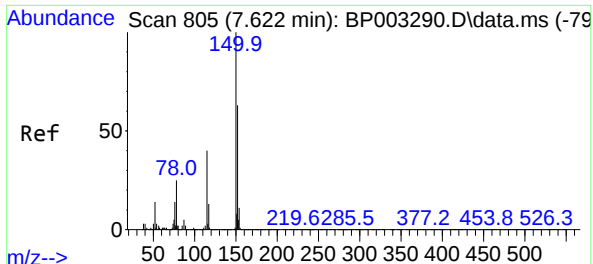
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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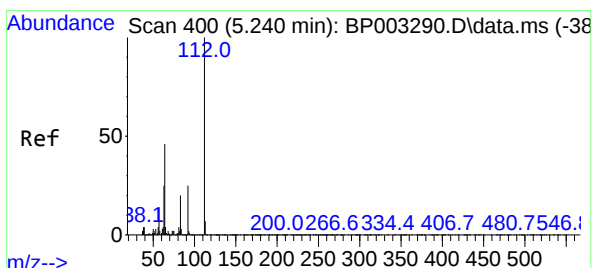
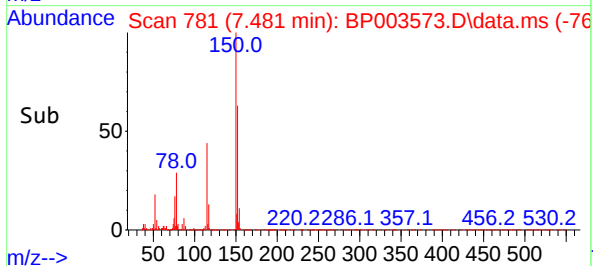
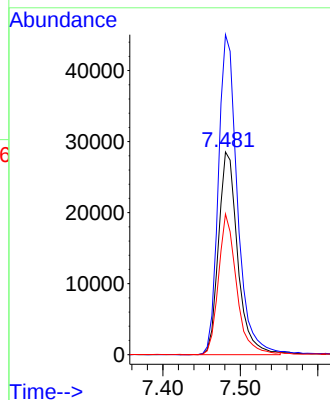
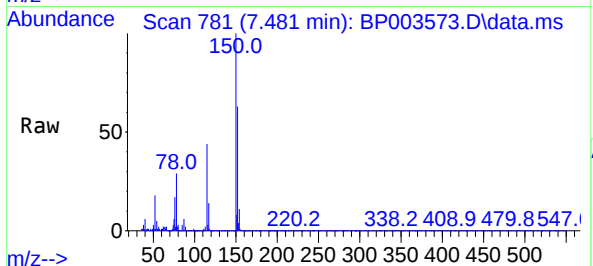




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.481 min Scan# 781  
Delta R.T. -0.000 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

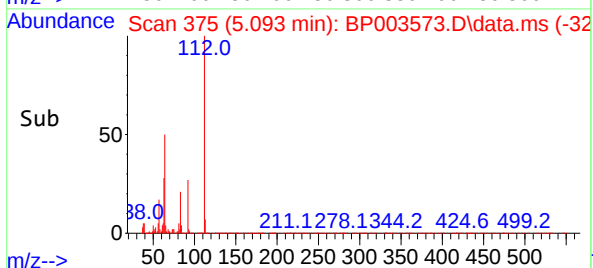
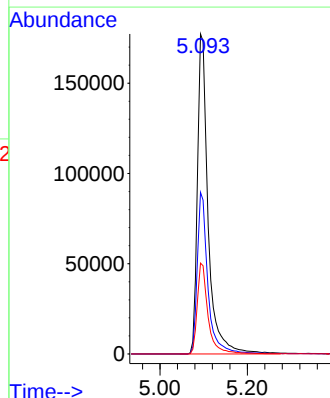
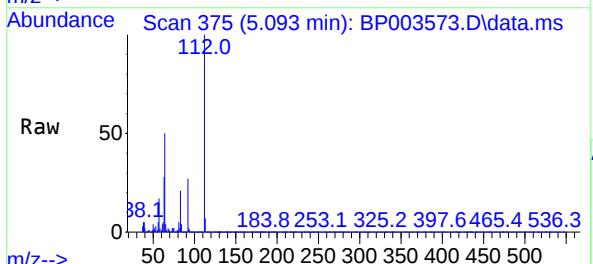
Instrument :  
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ClientSampleId :  
PB132184TB

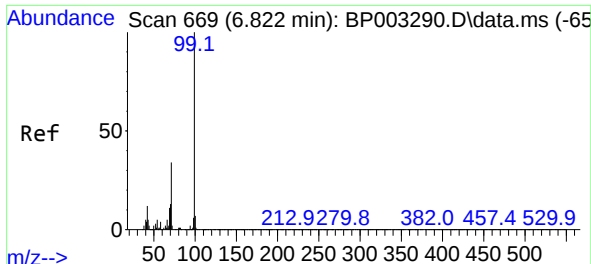
Tgt Ion:152 Resp: 49169  
Ion Ratio Lower Upper  
152 100  
150 157.9 123.8 185.6  
115 69.4 43.8 65.6#



#5  
2-Fluorophenol  
Concen: 107.90 ng  
RT: 5.093 min Scan# 375  
Delta R.T. -0.006 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

Tgt Ion:112 Resp: 303829  
Ion Ratio Lower Upper  
112 100  
64 50.5 32.8 49.2#  
63 28.4 17.0 25.4#

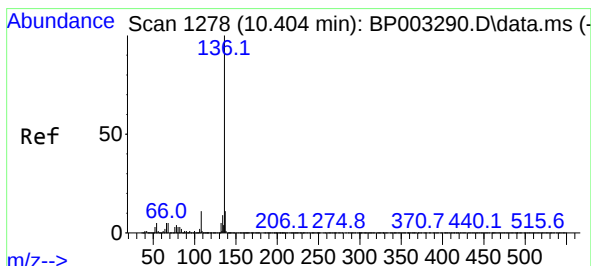
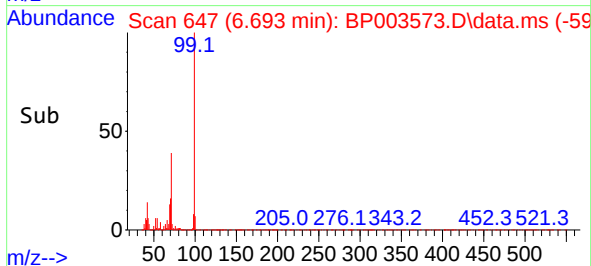
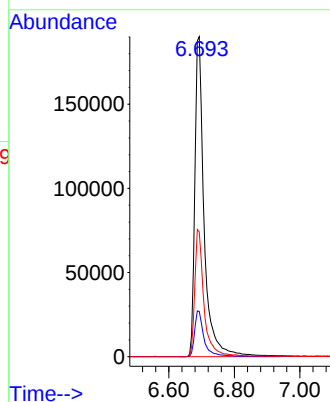
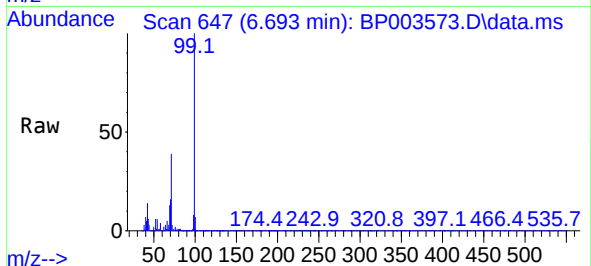




#7  
Phenol-d6  
Concen: 101.00 ng  
RT: 6.693 min Scan# 647  
Delta R.T. 0.006 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

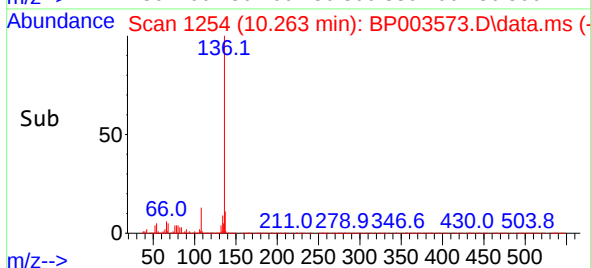
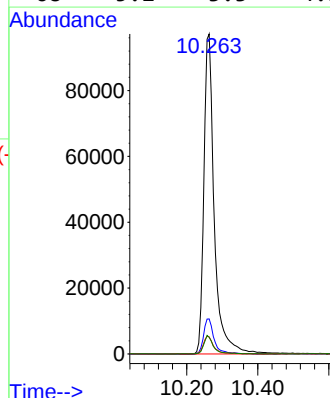
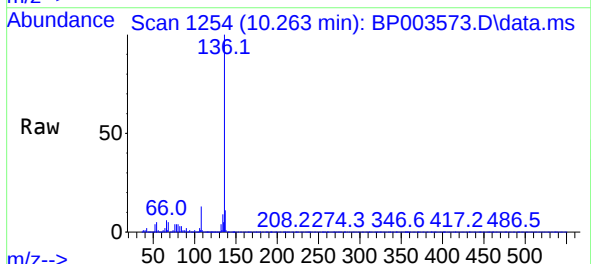
Instrument :  
BNA\_P  
ClientSampleId :  
PB132184TB

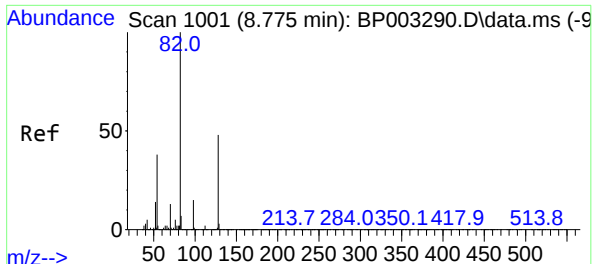
Tgt Ion: 99 Resp: 379076  
Ion Ratio Lower Upper  
99 100  
42 14.2 8.6 13.0#  
71 39.0 23.4 35.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.263 min Scan# 1254  
Delta R.T. 0.012 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

Tgt Ion: 136 Resp: 198486  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 5.4 3.6 5.4  
68 5.2 3.3 4.9#

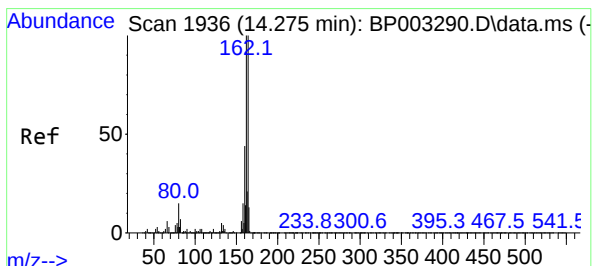
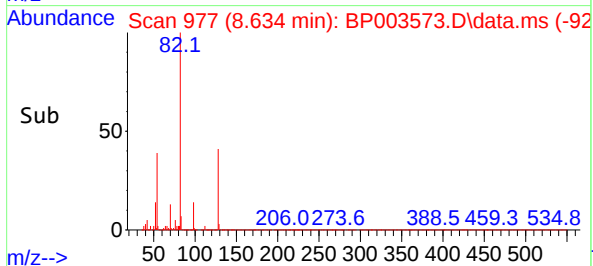
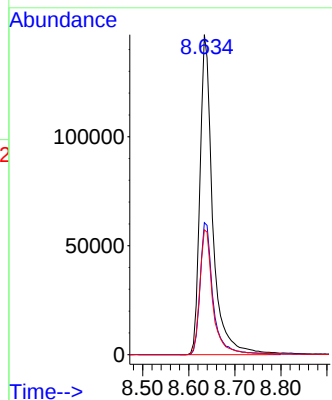
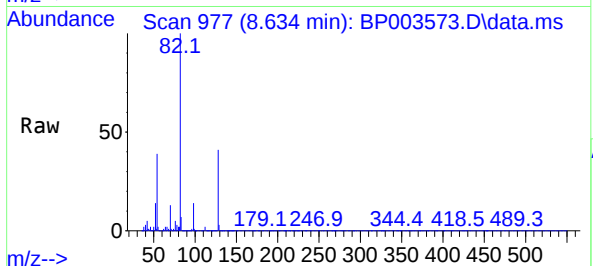




#23  
Nitrobenzene-d5  
Concen: 84.28 ng  
RT: 8.634 min Scan# 977  
Delta R.T. -0.000 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

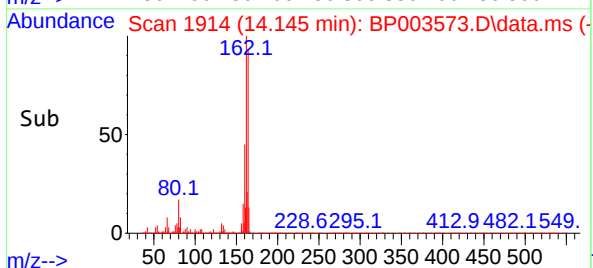
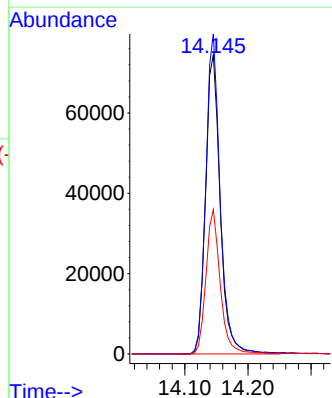
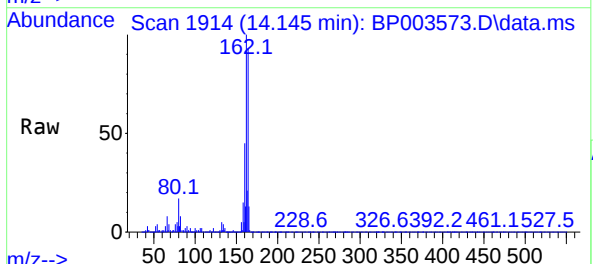
Instrument :  
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ClientSampleId :  
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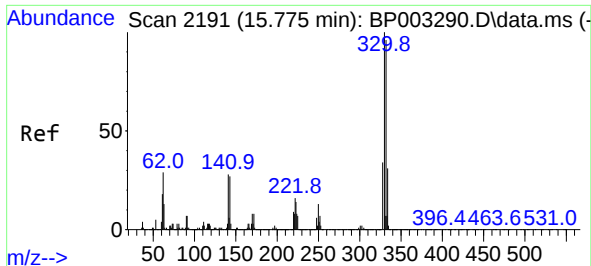
Tgt Ion: 82 Resp: 284757  
Ion Ratio Lower Upper  
82 100  
128 41.3 45.6 68.4#  
54 39.0 30.1 45.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.145 min Scan# 1914  
Delta R.T. 0.006 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

Tgt Ion: 164 Resp: 119768  
Ion Ratio Lower Upper  
164 100  
162 107.0 79.4 119.2  
160 48.2 36.1 54.1

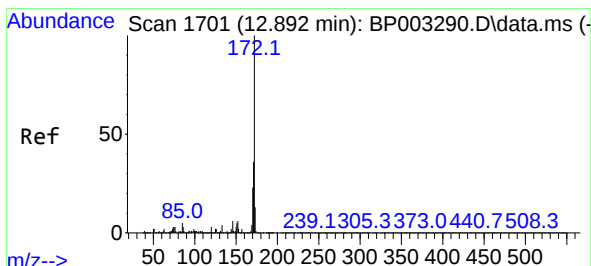
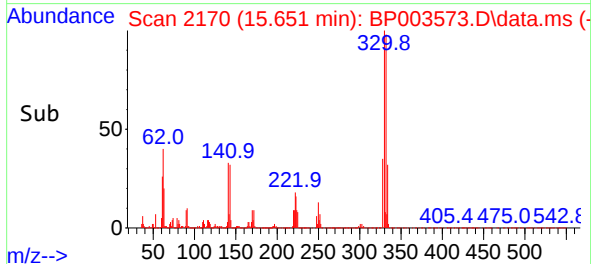
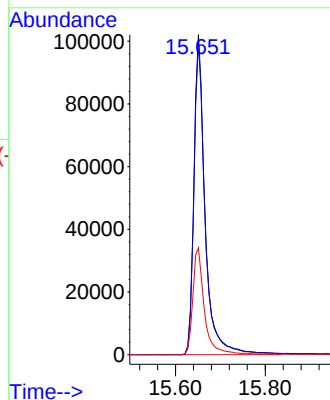
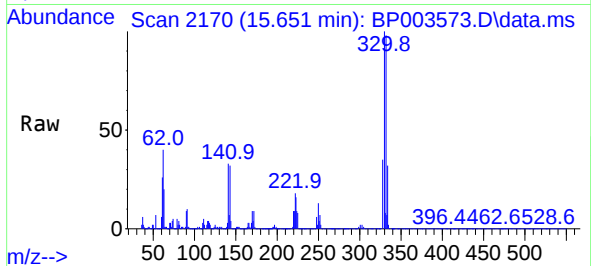




#42  
2,4,6-Tribromophenol  
Concen: 97.20 ng  
RT: 15.651 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

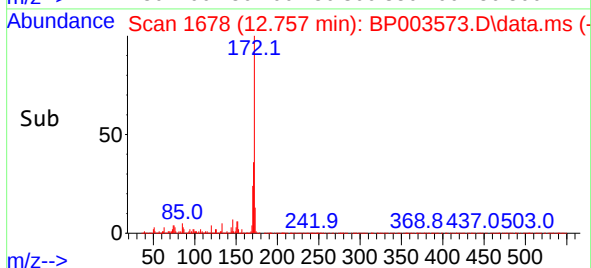
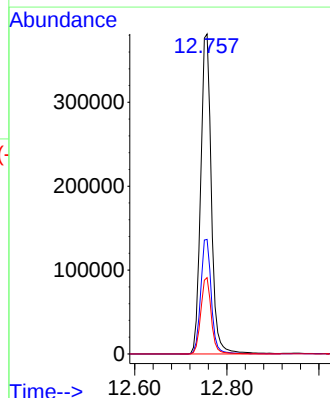
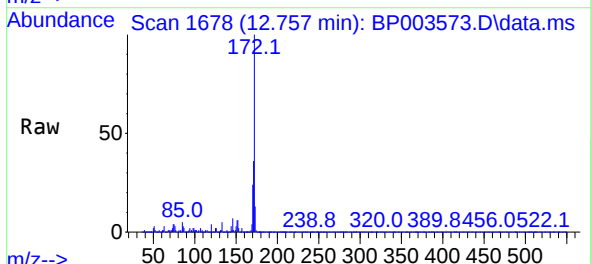
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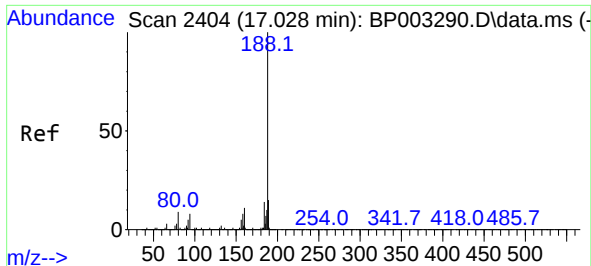
Tgt Ion:330 Resp: 177560  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.1 115.7  
141 34.2 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 75.14 ng  
RT: 12.757 min Scan# 1678  
Delta R.T. 0.006 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

Tgt Ion:172 Resp: 615344  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.5 42.7  
170 23.8 19.2 28.8

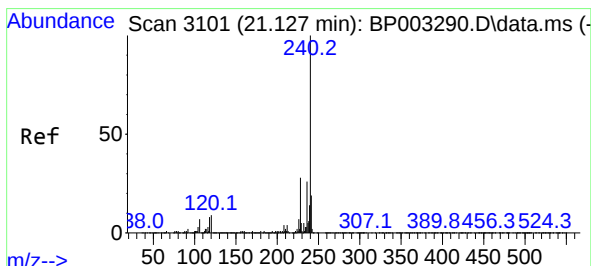
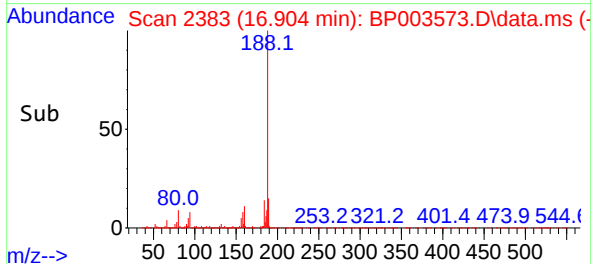
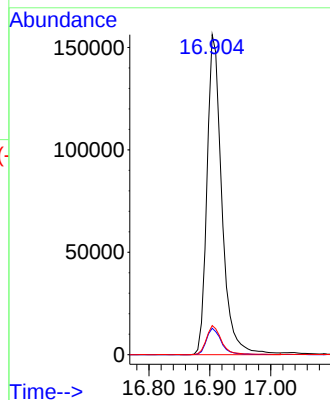
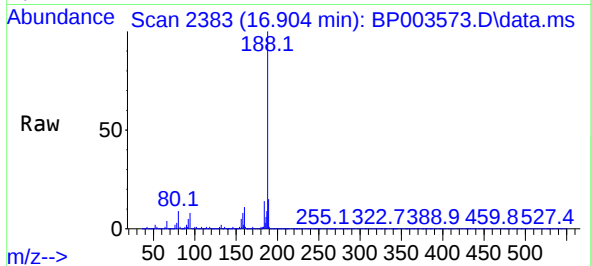




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.904 min Scan# 2383  
Delta R.T. 0.006 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

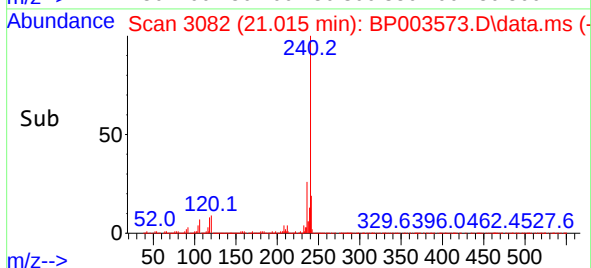
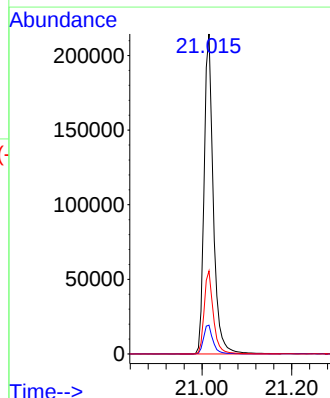
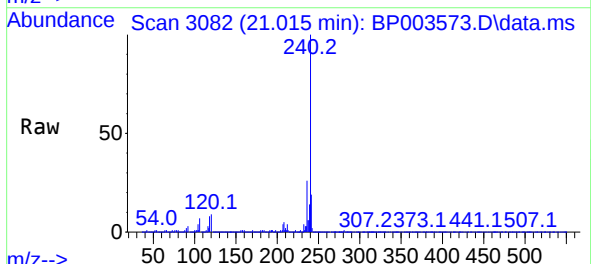
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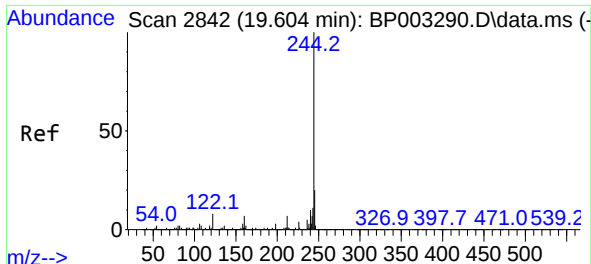
Tgt Ion:188 Resp: 264602  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.2 9.2  
80 9.1 6.2 9.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.015 min Scan# 3082  
Delta R.T. 0.006 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

Tgt Ion:240 Resp: 304892  
Ion Ratio Lower Upper  
240 100  
120 9.0 7.8 11.6  
236 26.0 20.8 31.2

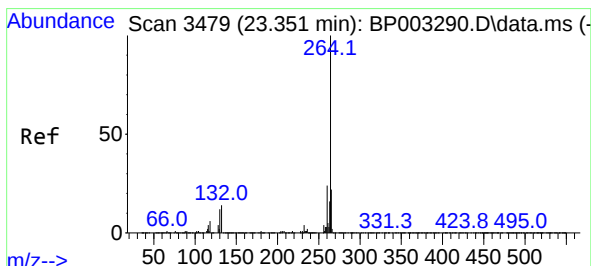
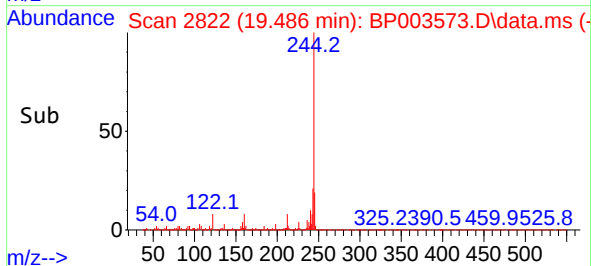
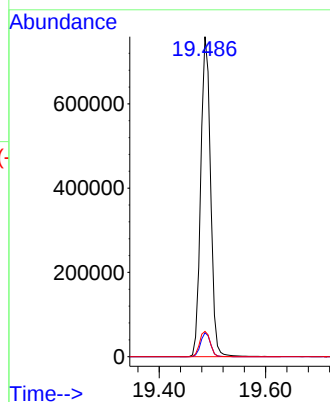
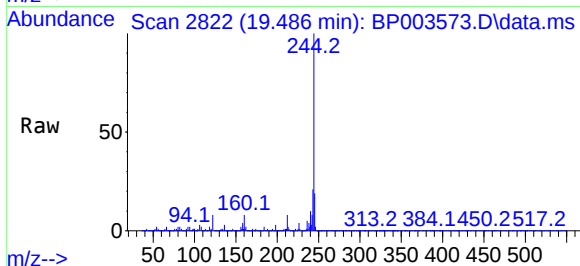




#79  
Terphenyl-d14  
Concen: 66.51 ng  
RT: 19.486 min Scan# 2822  
Delta R.T. -0.000 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

Instrument :  
BNA\_P  
ClientSampleId :  
PB132184TB

Tgt Ion:244 Resp: 973243  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.8 8.6  
122 7.9 7.8 11.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.180 min Scan# 3450  
Delta R.T. 0.006 min  
Lab File: BP003573.D  
Acq: 08 Oct 2020 15:22

Tgt Ion:264 Resp: 353607  
Ion Ratio Lower Upper  
264 100  
260 24.1 18.8 28.2  
265 22.3 17.4 26.2

