

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082021\  
 Data File : BP006805.D  
 Acq On : 20 Aug 2021 17:56  
 Operator : CG/JU  
 Sample : PB138504BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Aug 21 00:58:03 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 20 11:25:25 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.693  | 152  | 141315   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.475 | 136  | 557999   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.334 | 164  | 304178   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.092 | 188  | 613616   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.198 | 240  | 641614   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.510 | 264  | 701327   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.299  | 112  | 1282294  | 139.372 | ng    | 0.00     |
| 7) Phenol-d6                | 6.881  | 99   | 1550674  | 118.648 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.852  | 82   | 1074594  | 88.890  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.834 | 330  | 468794   | 147.466 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.957 | 172  | 1879118  | 92.426  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.675 | 244  | 2983228  | 93.167  | ng    | 0.00     |

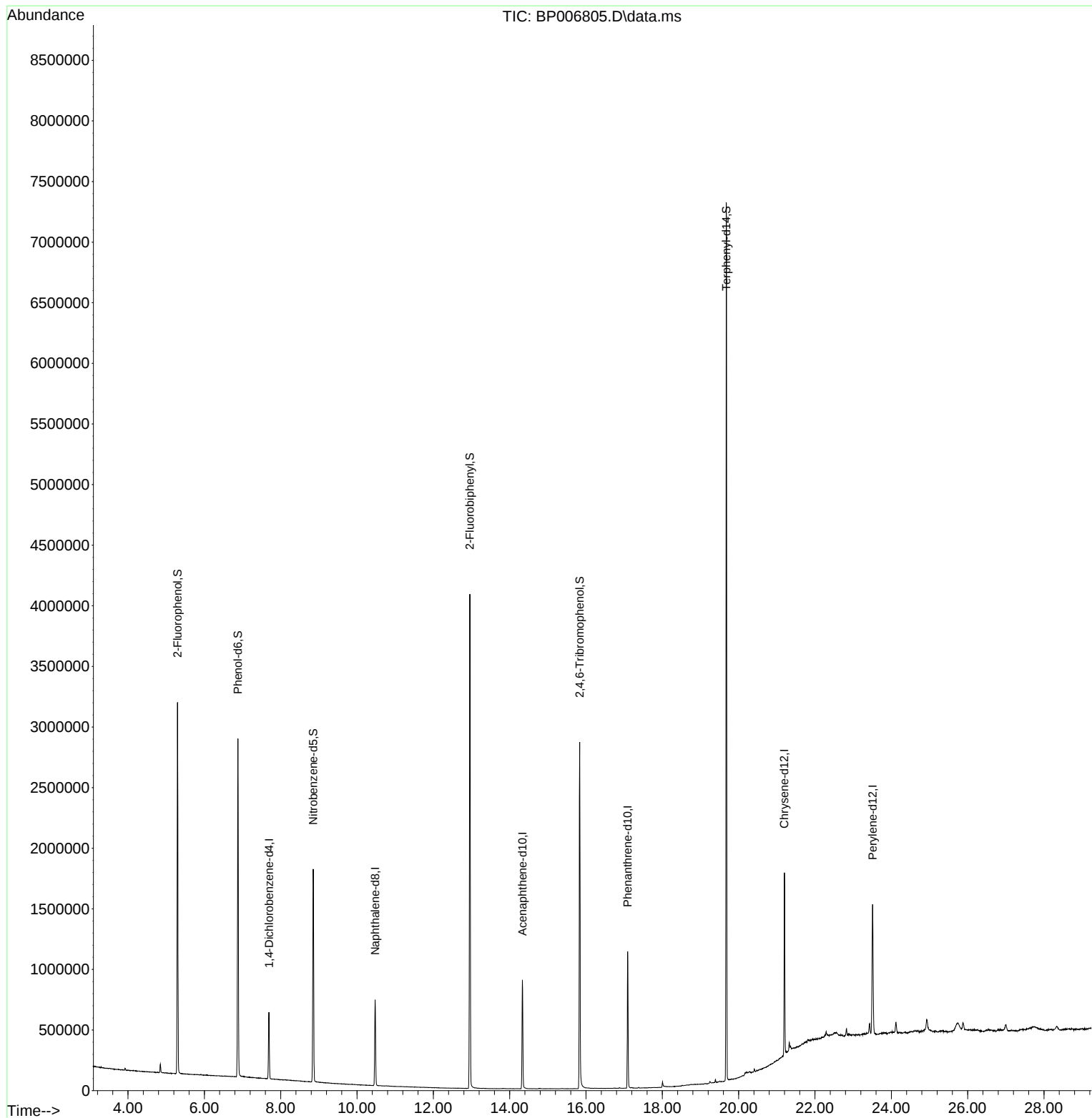
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

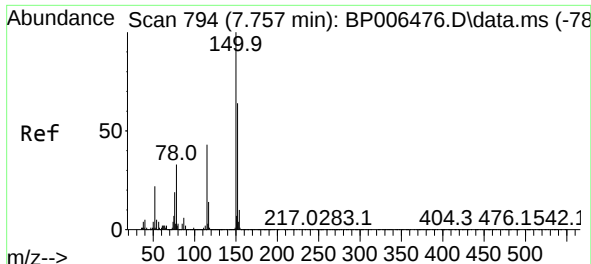
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082021\  
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Sample : PB138504BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :

Quant Time: Aug 21 00:58:03 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 20 11:25:25 2021  
Response via : Initial Calibration

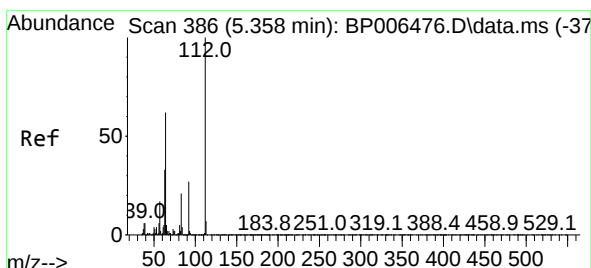
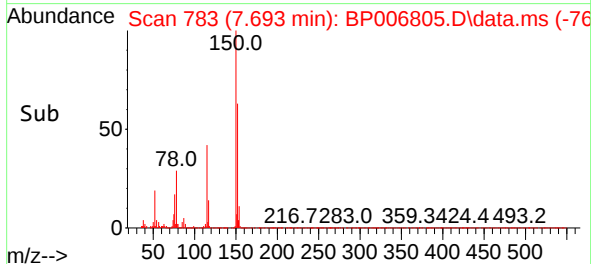
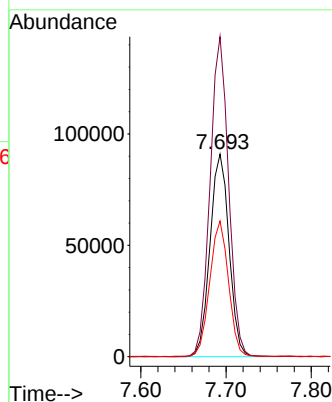
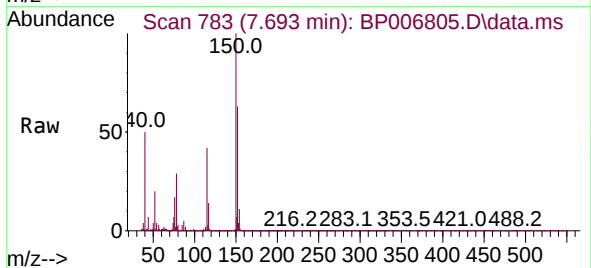




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.693 min Scan# 783  
Delta R.T. -0.000 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

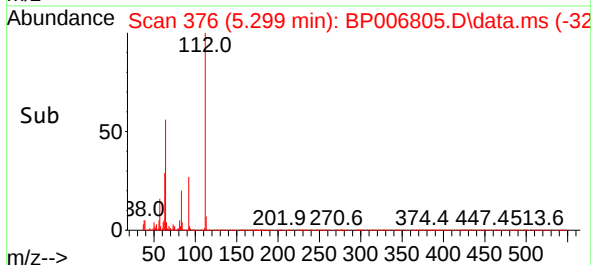
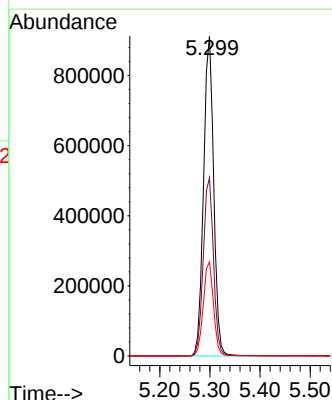
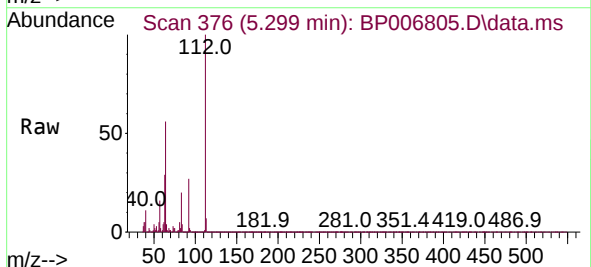
Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion:152 Resp: 141315  
Ion Ratio Lower Upper  
152 100  
150 158.0 125.6 188.4  
115 67.0 48.5 72.7



#5  
2-Fluorophenol  
Concen: 139.372 ng  
RT: 5.299 min Scan# 376  
Delta R.T. 0.006 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

Tgt Ion:112 Resp: 1282294  
Ion Ratio Lower Upper  
112 100  
64 55.7 41.4 62.2  
63 29.4 23.8 35.8

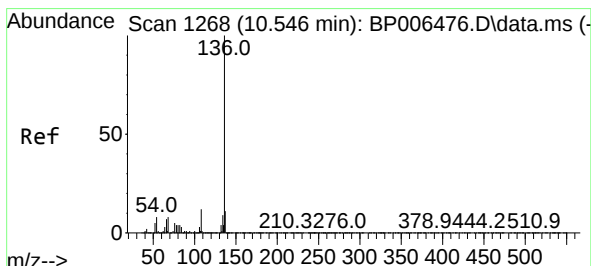
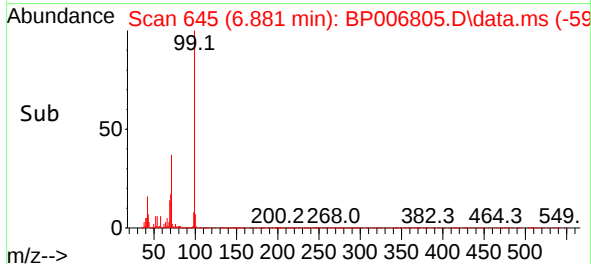
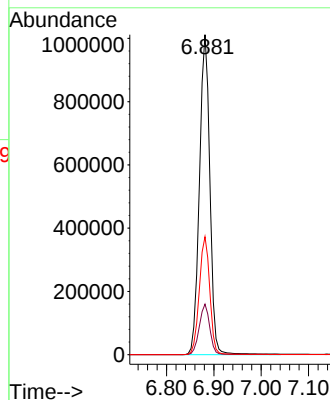
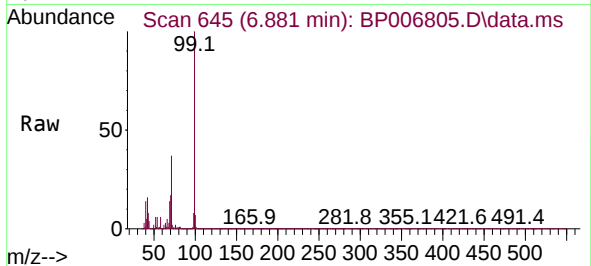




#7  
Phenol-d6  
Concen: 118.648 ng  
RT: 6.881 min Scan# 645  
Delta R.T. 0.000 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

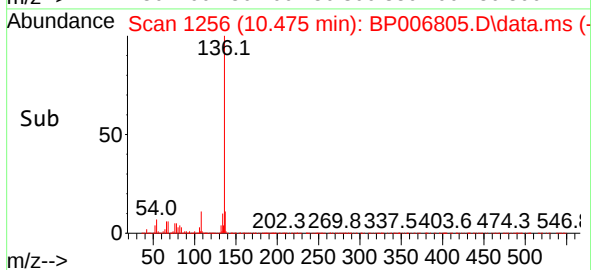
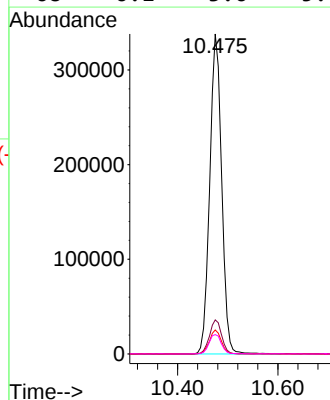
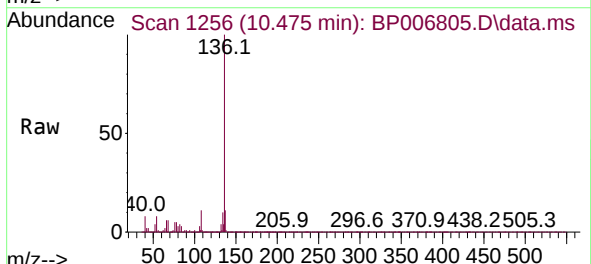
Instrument :  
BNA\_P  
ClientSampleId :

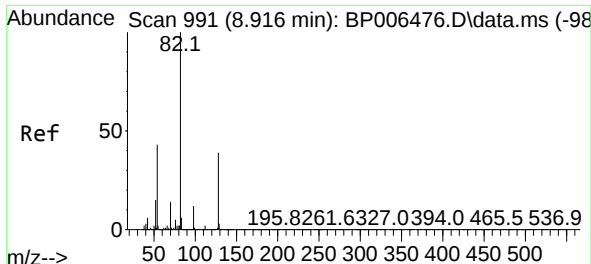
Tgt Ion: 99 Resp: 1550674  
Ion Ratio Lower Upper  
99 100  
42 15.8 13.4 20.0  
71 36.9 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.475 min Scan# 1256  
Delta R.T. 0.000 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

Tgt Ion: 136 Resp: 557999  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 12.8  
54 7.5 4.6 6.8#  
68 6.1 3.6 5.4#

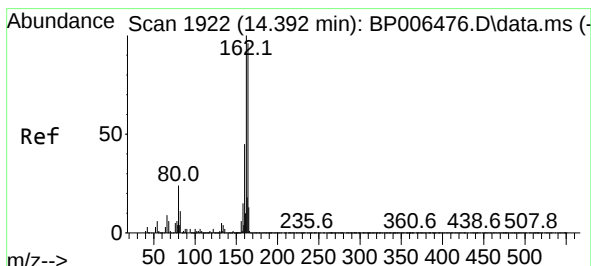
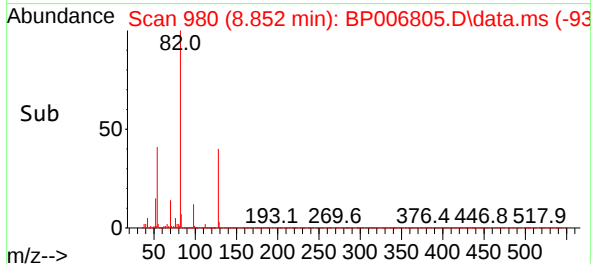
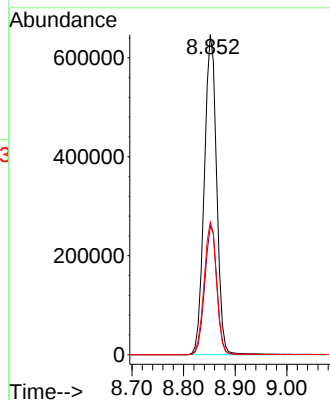
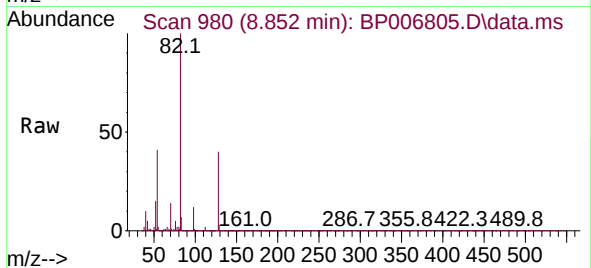




#23  
Nitrobenzene-d5  
Concen: 88.890 ng  
RT: 8.852 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

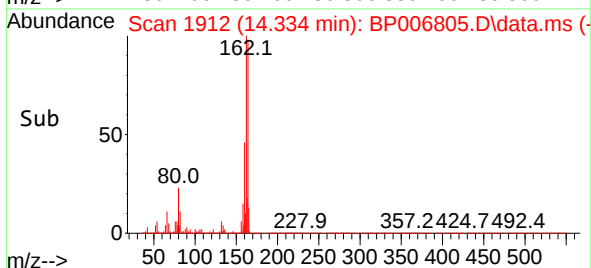
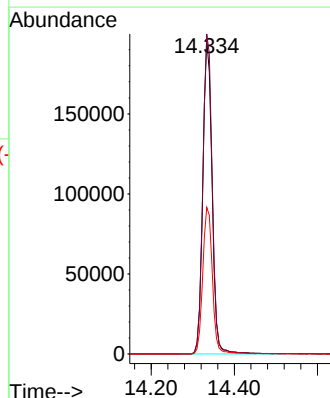
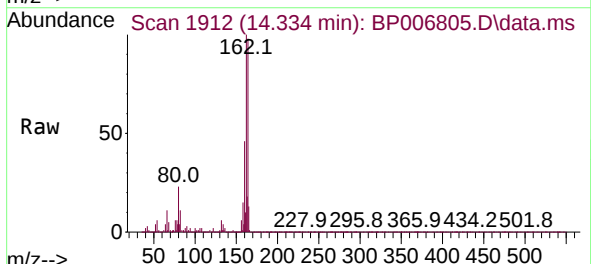
Instrument :  
BNA\_P  
ClientSampled :

Tgt Ion: 82 Resp: 1074594  
Ion Ratio Lower Upper  
82 100  
128 40.2 35.7 53.5  
54 41.5 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.334 min Scan# 1912  
Delta R.T. -0.006 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

Tgt Ion: 164 Resp: 304178  
Ion Ratio Lower Upper  
164 100  
162 101.9 80.2 120.2  
160 46.7 34.5 51.7

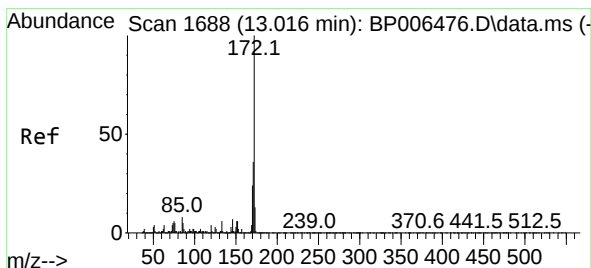
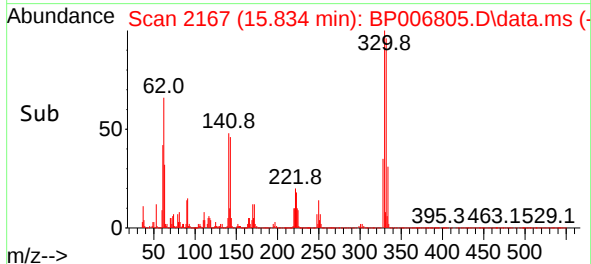
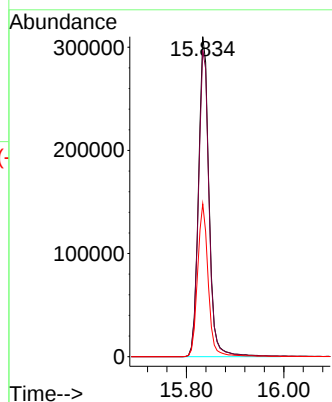
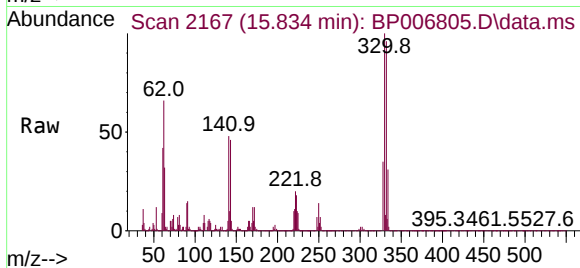




#42  
2,4,6-Tribromophenol  
Concen: 147.466 ng  
RT: 15.834 min Scan# 2167  
Delta R.T. -0.006 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

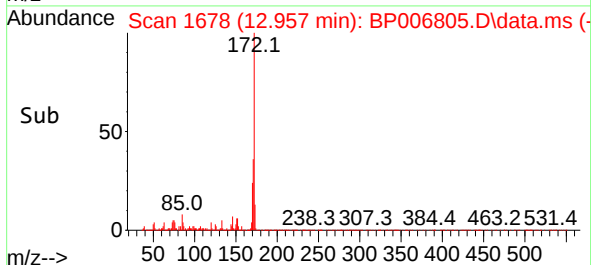
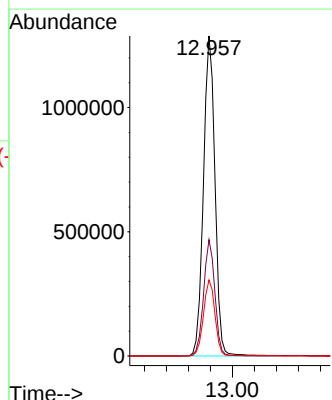
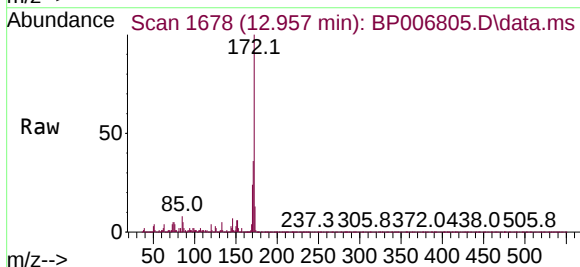
Instrument :  
BNA\_P  
ClientSampled :

Tgt Ion:330 Resp: 468794  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.8 116.8  
141 48.0 25.4 38.2#



#45  
2-Fluorobiphenyl  
Concen: 92.426 ng  
RT: 12.957 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

Tgt Ion:172 Resp: 1879118  
Ion Ratio Lower Upper  
172 100  
171 36.4 27.9 41.9  
170 23.8 18.6 27.8

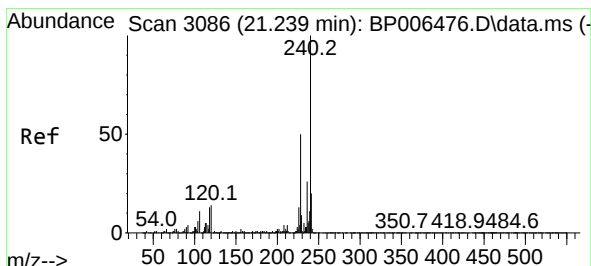
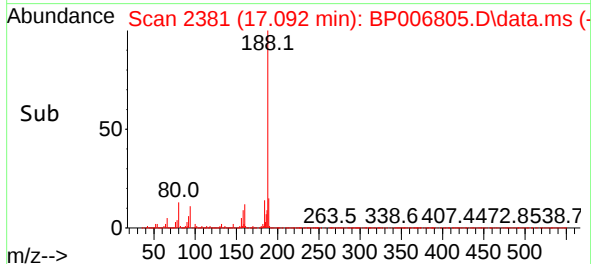
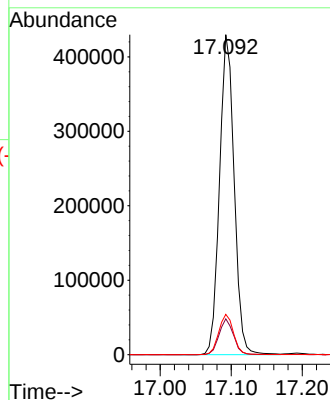
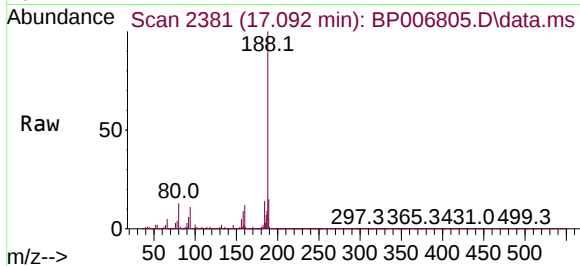




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.092 min Scan# 2381  
Delta R.T. -0.006 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

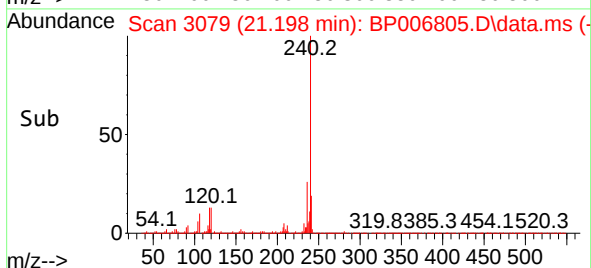
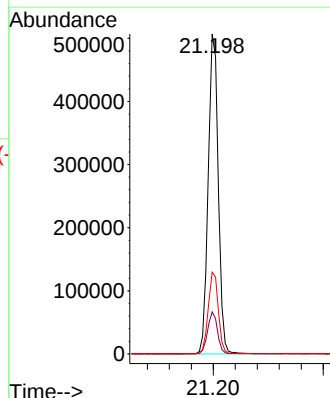
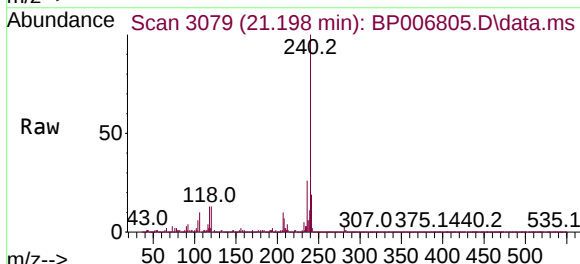
Instrument :  
BNA\_P  
ClientSampled :

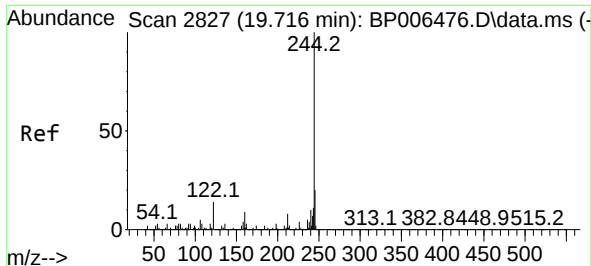
Tgt Ion:188 Resp: 613616  
Ion Ratio Lower Upper  
188 100  
94 11.2 5.6 8.4#  
80 12.6 6.3 9.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.198 min Scan# 3079  
Delta R.T. -0.006 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

Tgt Ion:240 Resp: 641614  
Ion Ratio Lower Upper  
240 100  
120 13.1 6.5 9.7#  
236 25.5 20.6 31.0

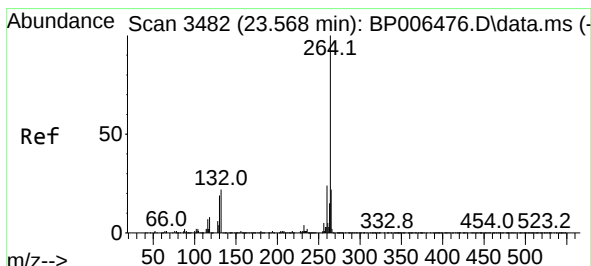
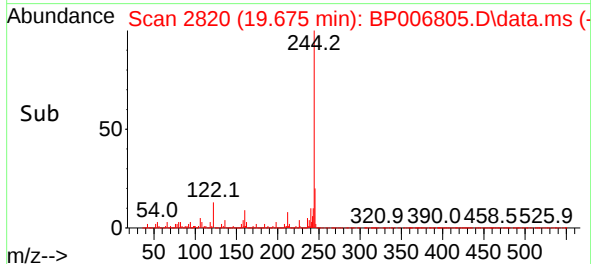
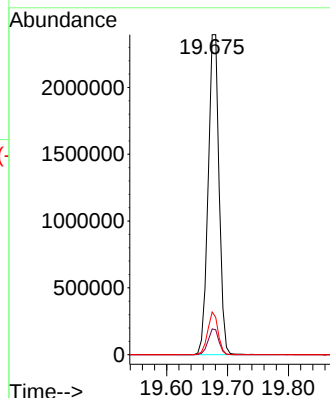
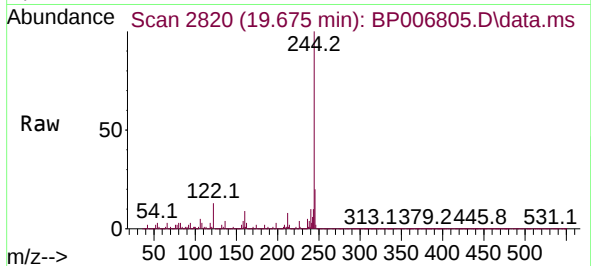




#79  
Terphenyl-d14  
Concen: 93.167 ng  
RT: 19.675 min Scan# 2820  
Delta R.T. -0.006 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

Instrument :  
BNA\_P  
ClientSampled :

Tgt Ion:244 Resp: 2983228  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.0 9.0  
122 13.4 7.1 10.7#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.510 min Scan# 3472  
Delta R.T. -0.006 min  
Lab File: BP006805.D  
Acq: 20 Aug 2021 17:56

Tgt Ion:264 Resp: 701327  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.6 28.0  
265 22.5 17.6 26.4

