

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061121\  
 Data File : BP005881.D  
 Acq On : 11 Jun 2021 20:55  
 Operator : CG/JU  
 Sample : M2625-20  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B12(214-218)

Quant Time: Jun 11 23:10:52 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 11 13:53:36 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.946  | 152  | 65083    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.752 | 136  | 231775   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.569 | 164  | 139129   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.316 | 188  | 306021   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.386 | 240  | 389896   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 23.804 | 264  | 458769   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.511  | 112  | 227664   | 56.13 | ng    | 0.00     |
| 7) Phenol-d6                | 7.111  | 99   | 327534   | 62.30 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.110  | 82   | 239478   | 50.66 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.063 | 330  | 20869    | 8.74  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.198 | 172  | 725190   | 68.45 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.863 | 244  | 1260557  | 60.54 | ng    | 0.00     |

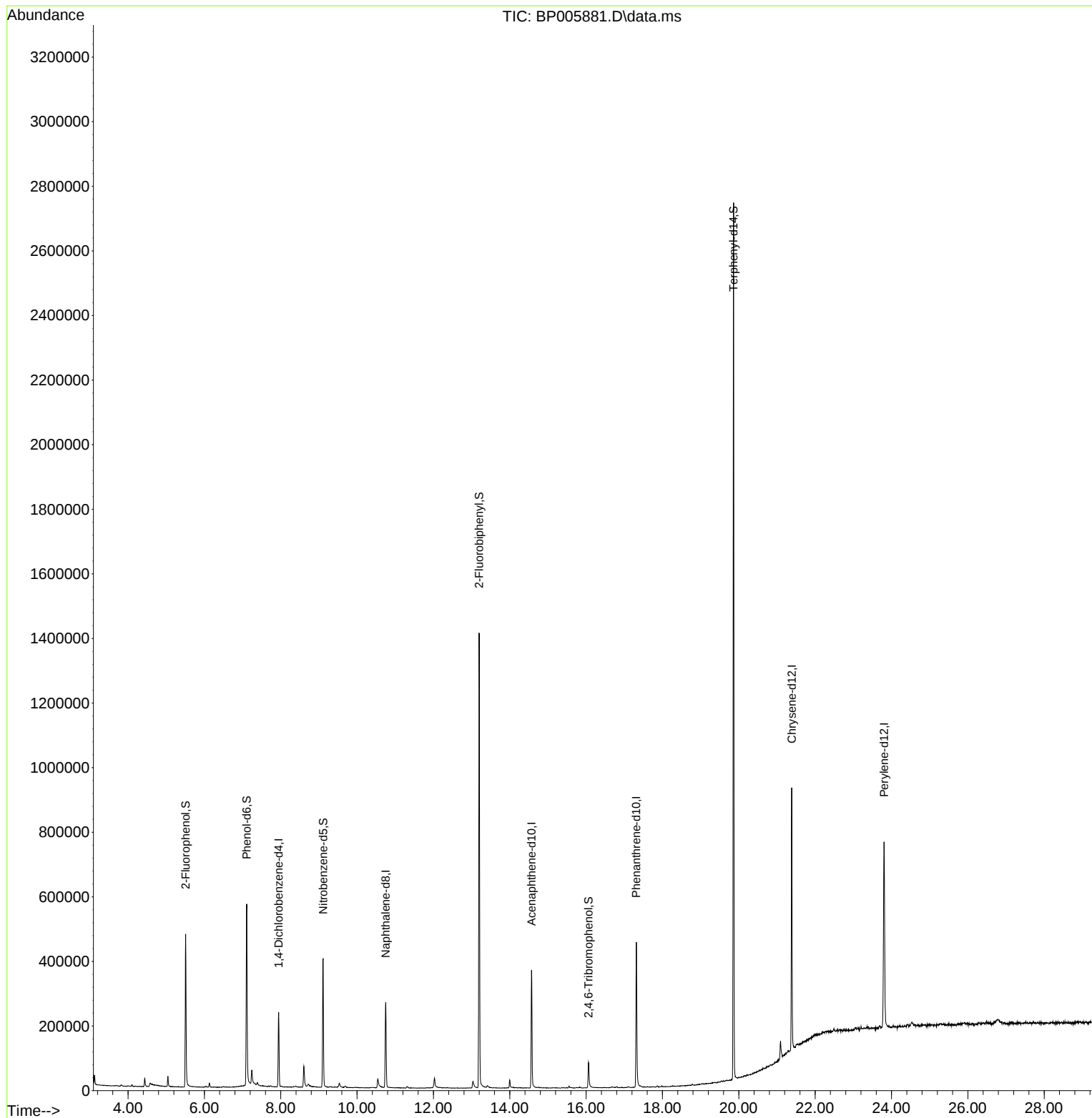
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

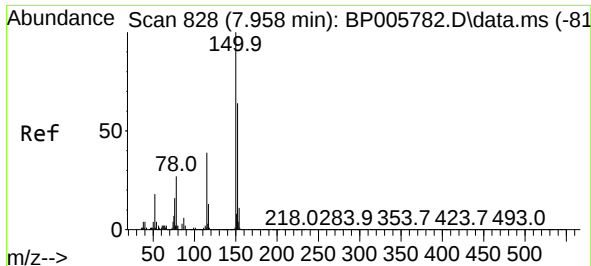
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 11 23:10:52 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 11 13:53:36 2021  
Response via : Initial Calibration

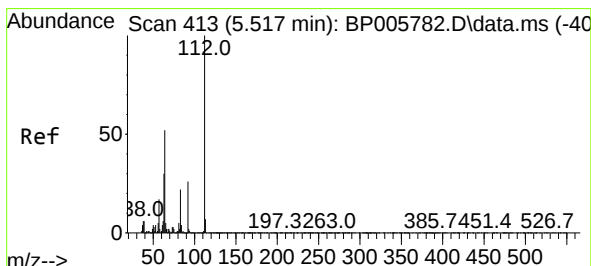
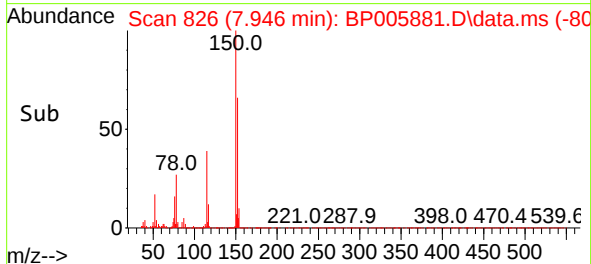
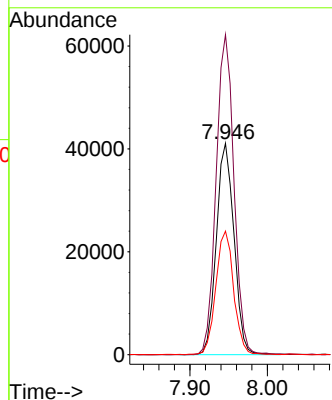
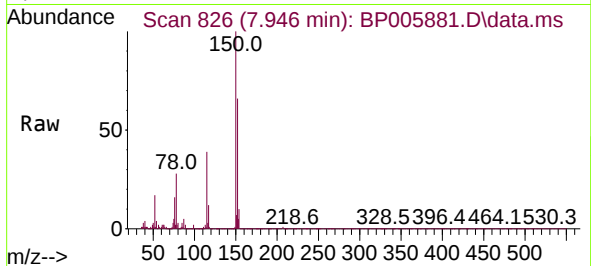




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.946 min Scan# 826  
Delta R.T. -0.000 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

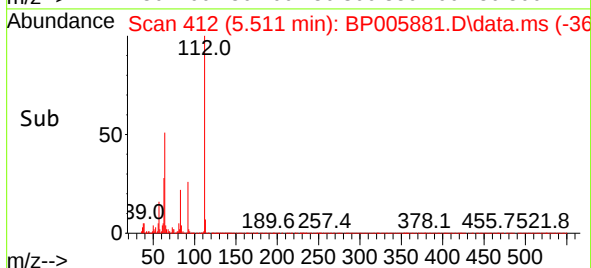
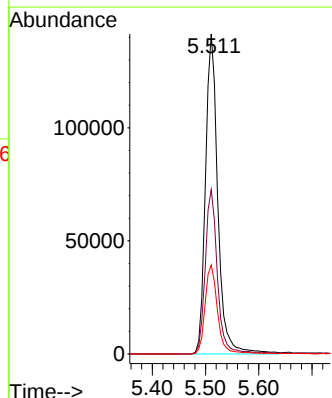
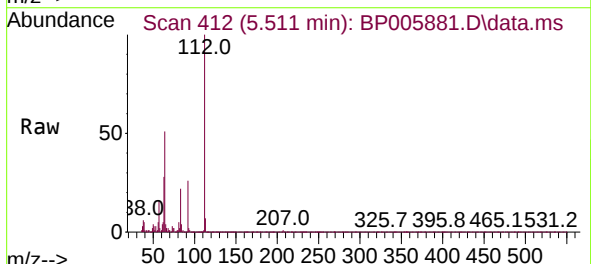
Instrument :  
BNA\_P  
ClientSampleId :  
18-B12(214-218)

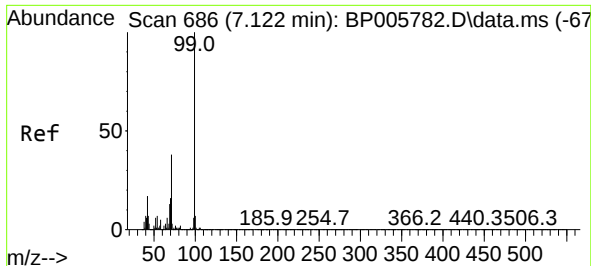
Tgt Ion:152 Resp: 65083  
Ion Ratio Lower Upper  
152 100  
150 151.4 125.6 188.4  
115 58.5 48.5 72.7



#5  
2-Fluorophenol  
Concen: 56.13 ng  
RT: 5.511 min Scan# 412  
Delta R.T. -0.000 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

Tgt Ion:112 Resp: 227664  
Ion Ratio Lower Upper  
112 100  
64 51.3 41.4 62.2  
63 27.8 23.8 35.8

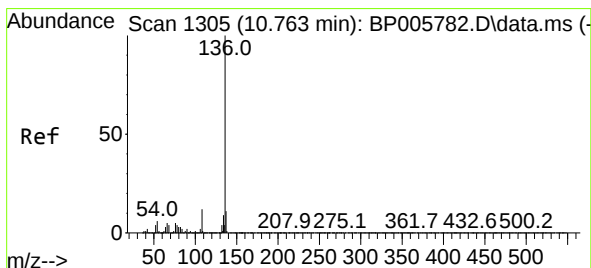
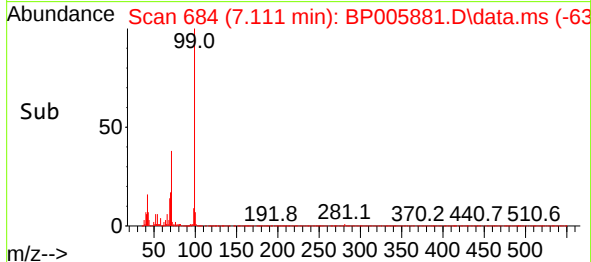
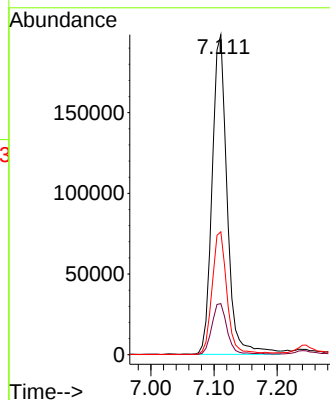
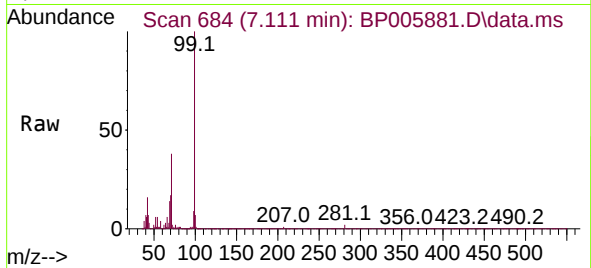




#7  
Phenol-d6  
Concen: 62.30 ng  
RT: 7.111 min Scan# 684  
Delta R.T. -0.000 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

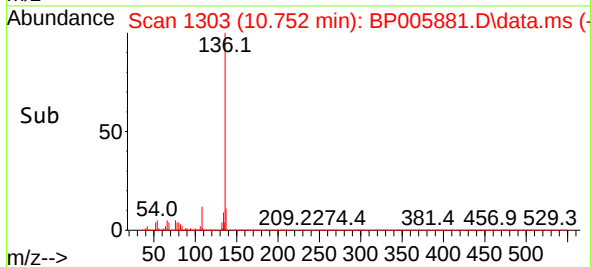
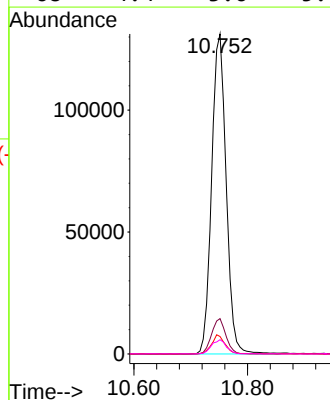
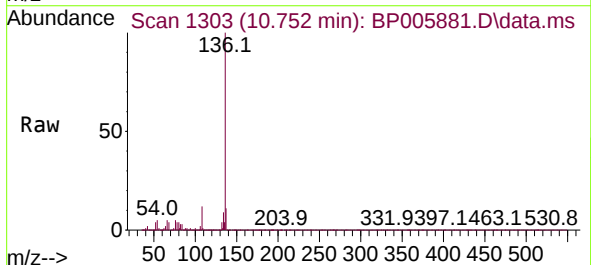
Instrument :  
BNA\_P  
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18-B12(214-218)

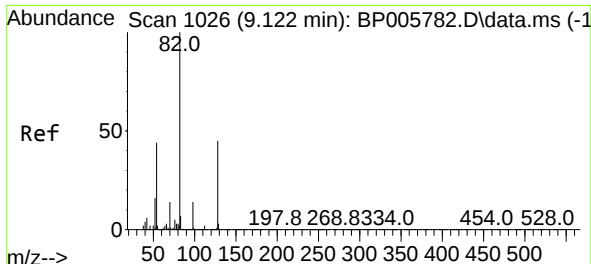
Tgt Ion: 99 Resp: 327534  
Ion Ratio Lower Upper  
99 100  
42 16.0 13.4 20.0  
71 38.4 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.752 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

Tgt Ion: 136 Resp: 231775  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 5.5 4.6 6.8  
68 4.4 3.6 5.4

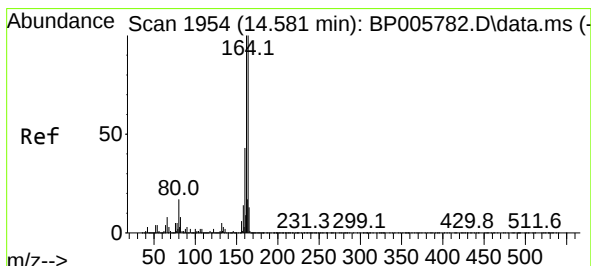
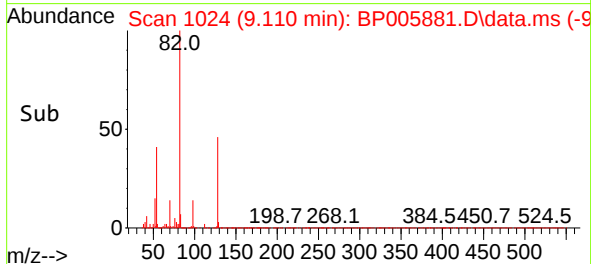
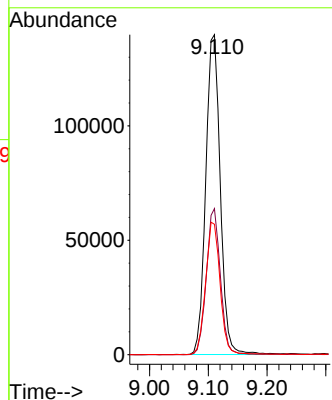
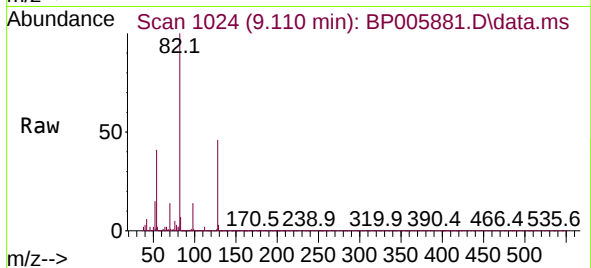




#23  
Nitrobenzene-d5  
Concen: 50.66 ng  
RT: 9.110 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

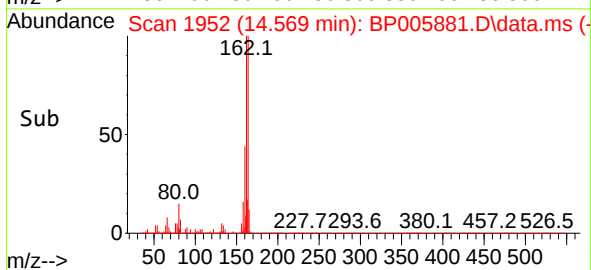
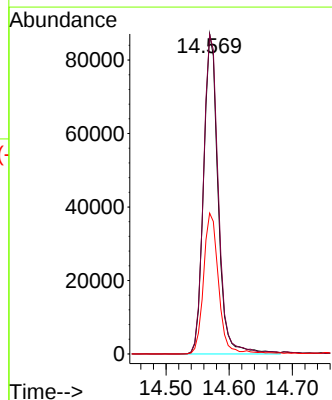
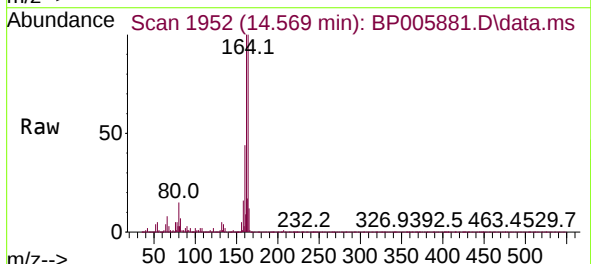
Instrument :  
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18-B12(214-218)

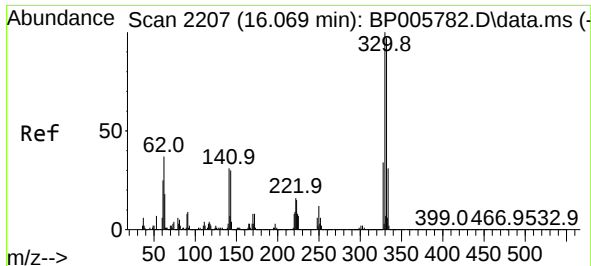
Tgt Ion: 82 Resp: 239478  
Ion Ratio Lower Upper  
82 100  
128 45.7 35.7 53.5  
54 40.8 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.569 min Scan# 1952  
Delta R.T. -0.006 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

Tgt Ion:164 Resp: 139129  
Ion Ratio Lower Upper  
164 100  
162 99.9 80.2 120.2  
160 44.0 34.5 51.7

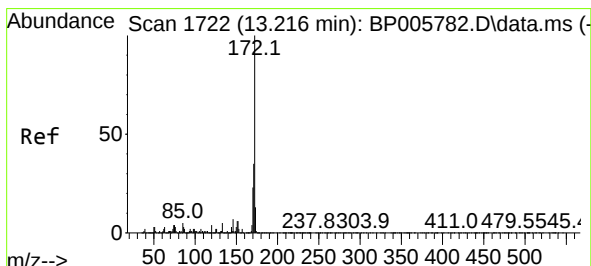
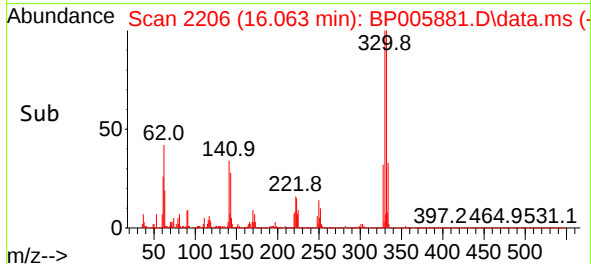
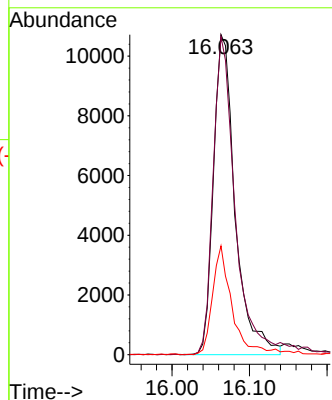
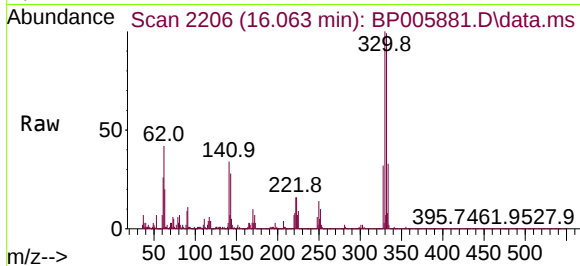




#42  
2,4,6-Tribromophenol  
Concen: 8.74 ng  
RT: 16.063 min Scan# 2206  
Delta R.T. -0.000 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

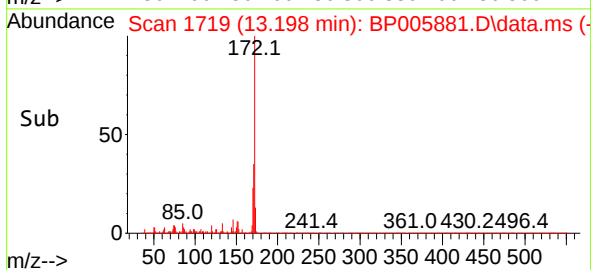
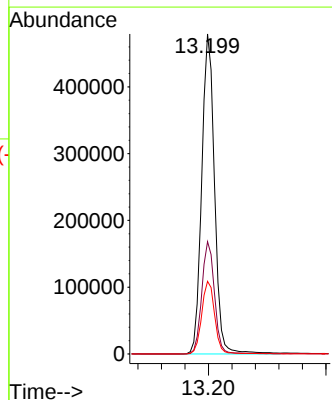
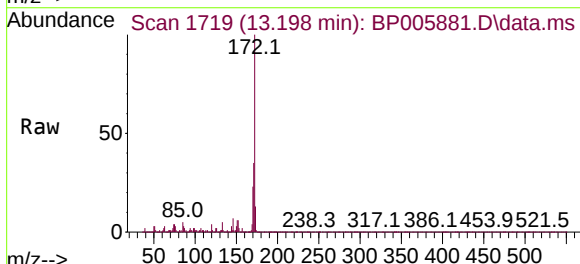
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18-B12(214-218)

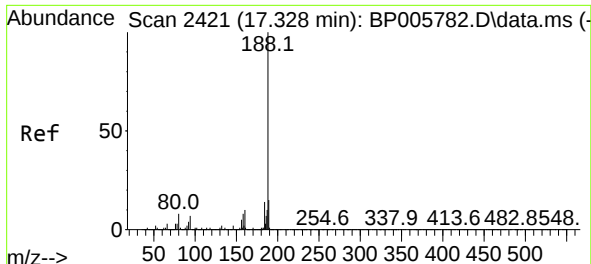
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 103.5 | 77.8  | 116.8 |
| 141     | 31.4  | 25.4  | 38.2  |



#45  
2-Fluorobiphenyl  
Concen: 68.45 ng  
RT: 13.198 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 27.9  | 41.9  |
| 170     | 22.7  | 18.6  | 27.8  |

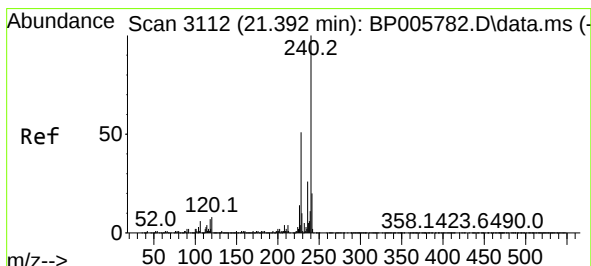
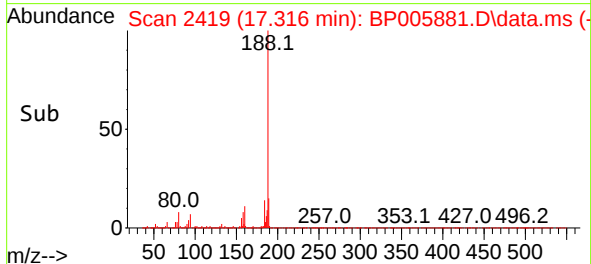
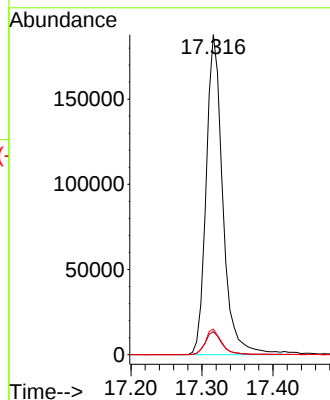
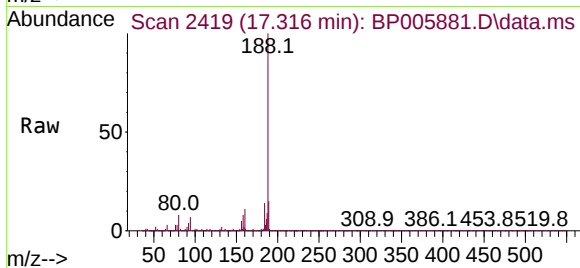




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.316 min Scan# 2419  
Delta R.T. -0.006 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

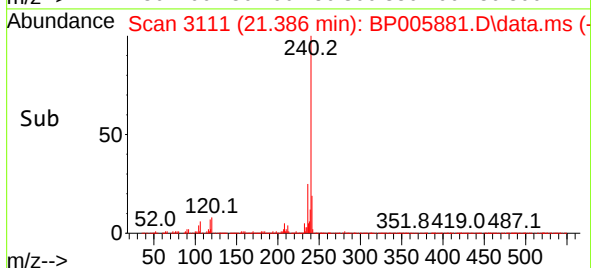
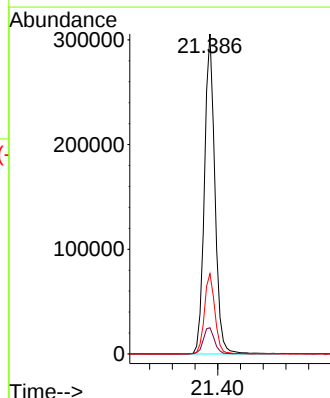
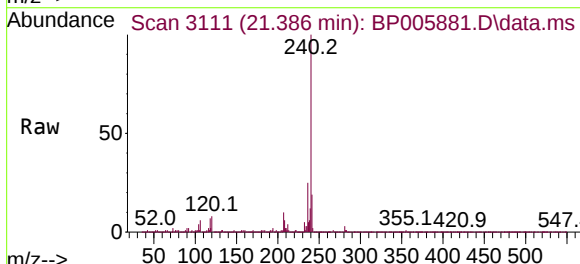
Instrument :  
BNA\_P  
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18-B12(214-218)

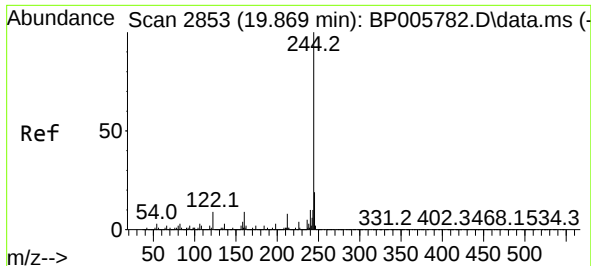
Tgt Ion:188 Resp: 306021  
Ion Ratio Lower Upper  
188 100  
94 7.2 5.6 8.4  
80 8.0 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.386 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

Tgt Ion:240 Resp: 389896  
Ion Ratio Lower Upper  
240 100  
120 8.2 6.5 9.7  
236 25.1 20.6 31.0

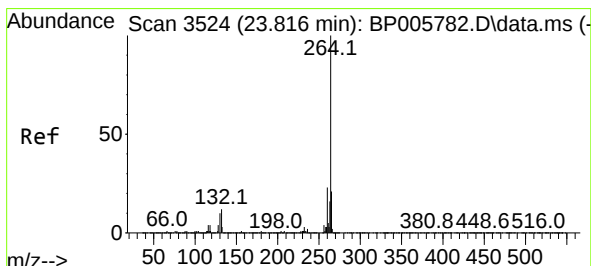
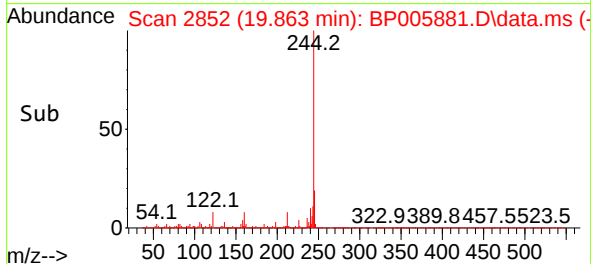
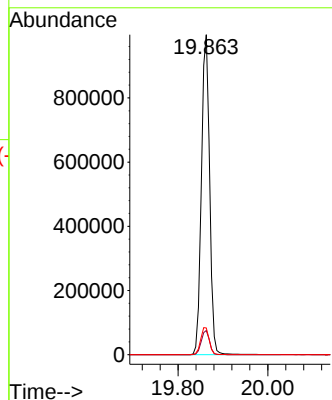
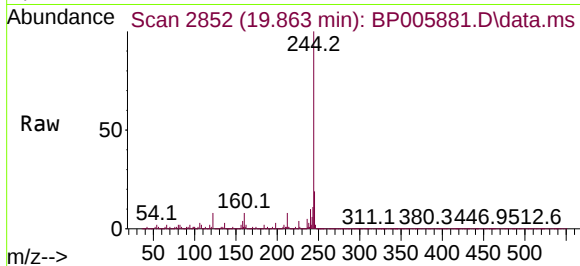




#79  
Terphenyl-d14  
Concen: 60.54 ng  
RT: 19.863 min Scan# 2852  
Delta R.T. -0.006 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

Instrument :  
BNA\_P  
ClientSampleId :  
18-B12(214-218)

Tgt Ion:244 Resp: 1260557  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.0 9.0  
122 8.3 7.1 10.7



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.804 min Scan# 3522  
Delta R.T. -0.012 min  
Lab File: BP005881.D  
Acq: 11 Jun 2021 20:55

Tgt Ion:264 Resp: 458769  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.6 28.0  
265 21.5 17.6 26.4

