

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051121\  
 Data File : BP005494.D  
 Acq On : 11 May 2021 17:59  
 Operator : CG/JU  
 Sample : M2322-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-2-20210505

Quant Time: May 12 05:27:34 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 11 11:20:59 2021  
 Response via : Initial Calibration

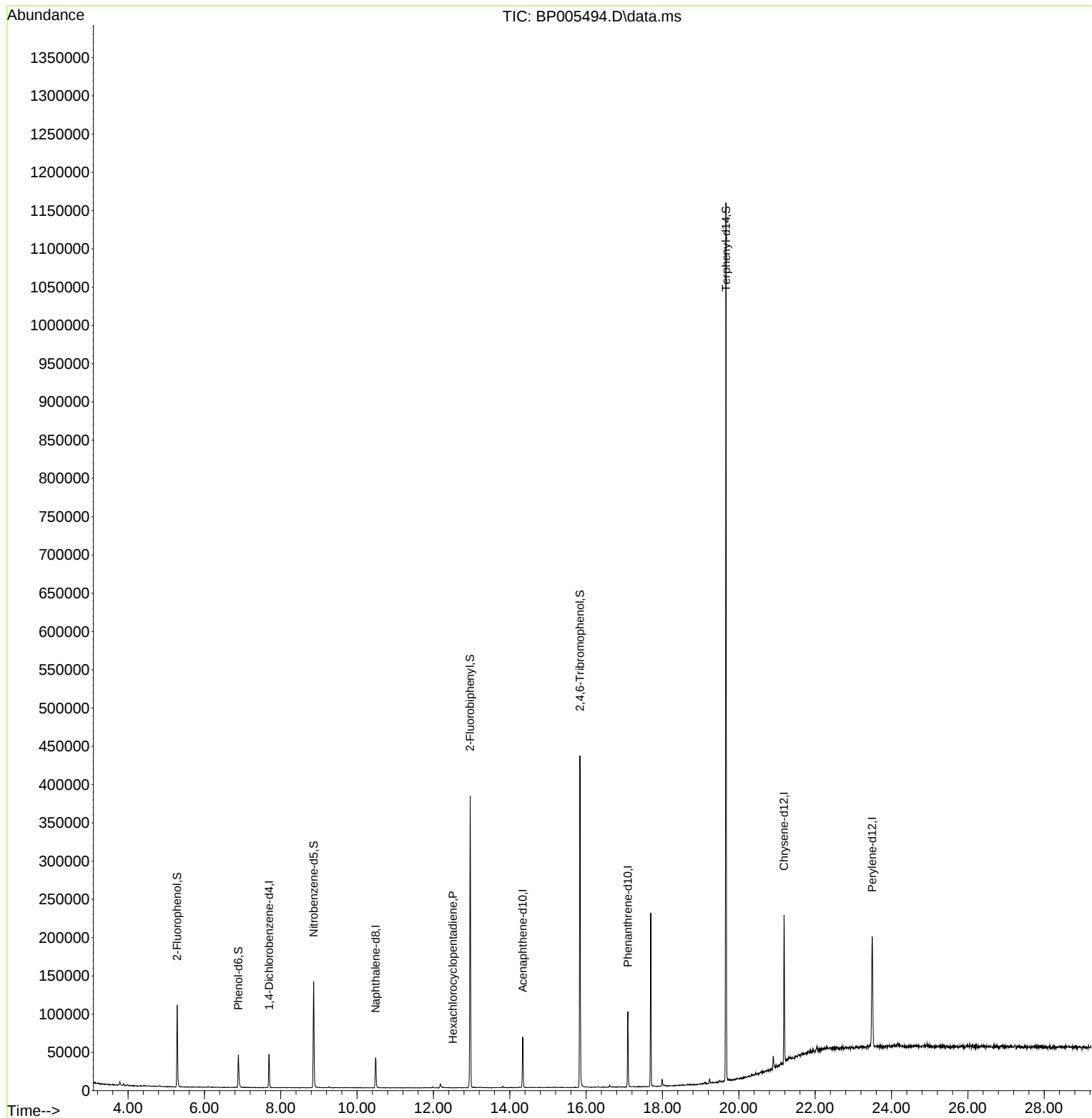
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.693  | 152  | 7643     | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.487 | 136  | 22259    | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.340 | 164  | 17403    | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.092 | 188  | 50698    | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.186 | 240  | 91439    | 20.00     | ng    | # 0.00   |
| 86) Perylene-d12              | 23.492 | 264  | 116138   | 20.00     | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.287  | 112  | 29743    | 74.68     | ng    | 0.00     |
| 7) Phenol-d6                  | 6.893  | 99   | 16323    | 32.87     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.863  | 82   | 62028    | 109.68    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.840 | 330  | 73389    | 148.61    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.963 | 172  | 142943   | 92.65     | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.663 | 244  | 441194   | 81.94     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 2) 1,4-Dioxane                | 3.187  | 88   | 39       | Below Cal | #     | 1        |
| 9) Benzaldehyde               | 6.840  | 77   | 28       | Below Cal | #     | 65       |
| 41) Hexachlorocyclopentadiene | 12.510 | 237  | 8        | 7.89      | ng    | 76       |
| -----                         |        |      |          |           |       |          |

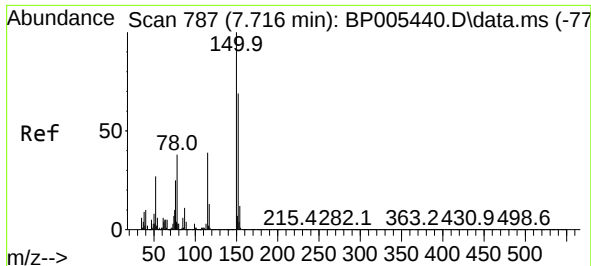
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051121\  
Data File : BP005494.D  
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Instrument :  
BNA\_P  
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MW-2-20210505

Quant Time: May 12 05:27:34 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 11 11:20:59 2021  
Response via : Initial Calibration

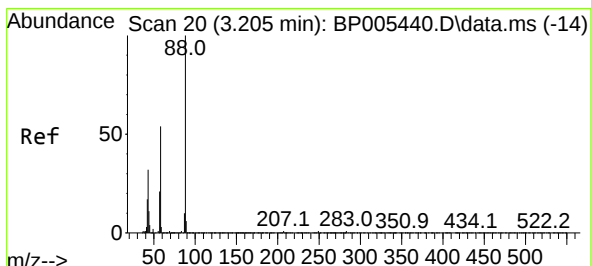
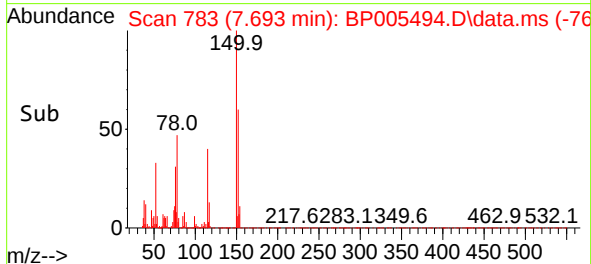
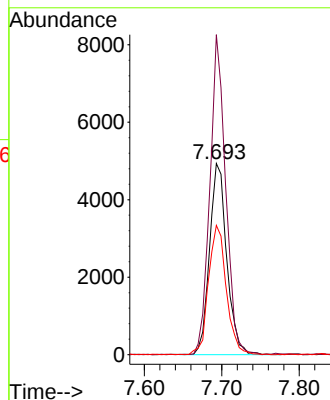
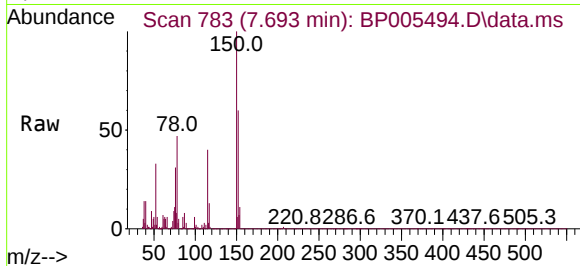




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.693 min Scan# 783  
Delta R.T. -0.006 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

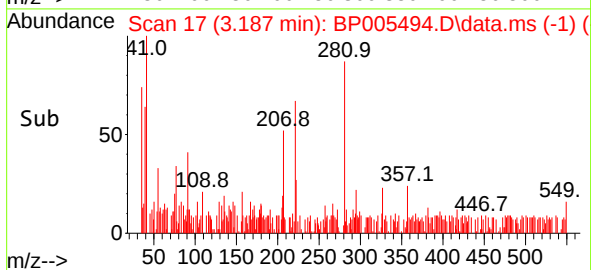
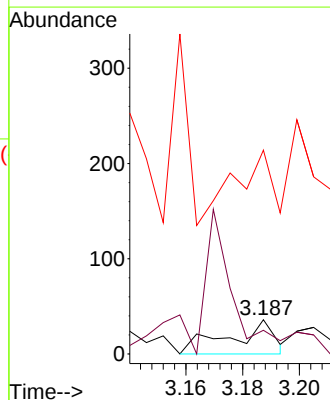
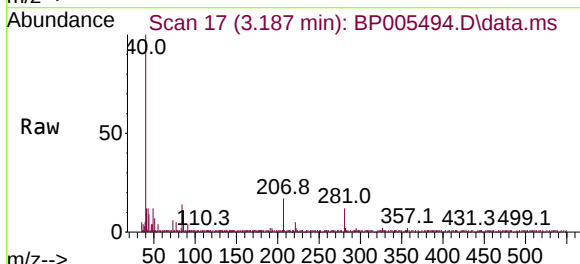
Instrument :  
BNA\_P  
ClientSampleId :  
MW-2-20210505

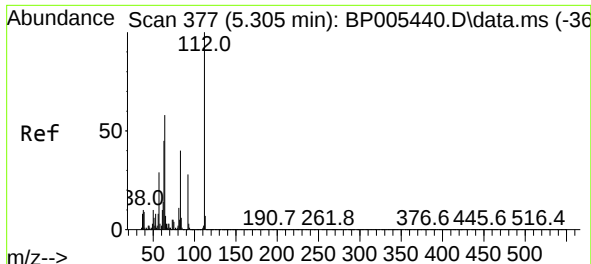
Tgt Ion:152 Resp: 7643  
Ion Ratio Lower Upper  
152 100  
150 167.4 119.8 179.8  
115 67.6 49.0 73.4



#2  
1,4-Dioxane  
Concen: Below Cal  
RT: 3.187 min Scan# 17  
Delta R.T. 0.006 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

Tgt Ion: 88 Resp: 39  
Ion Ratio Lower Upper  
88 100  
58 0.0 42.5 63.7#  
43 225.6 19.8 29.8#

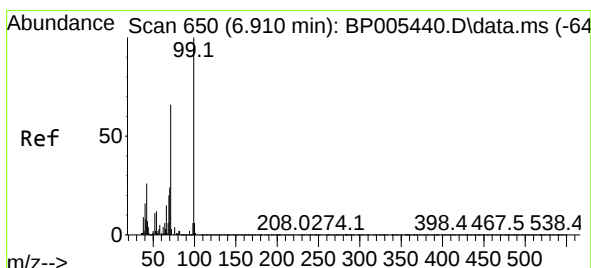
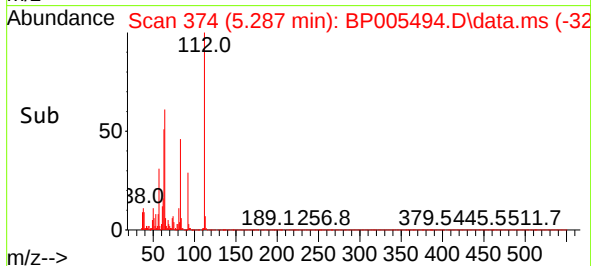
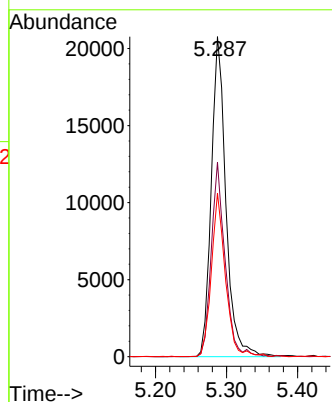
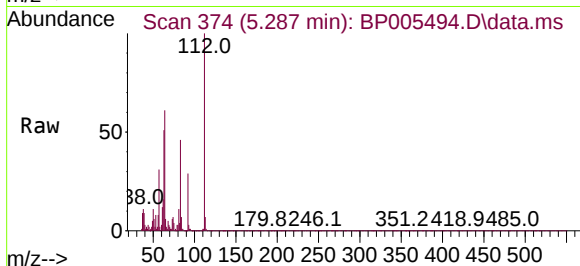




#5  
2-Fluorophenol  
Concen: 74.68 ng  
RT: 5.287 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

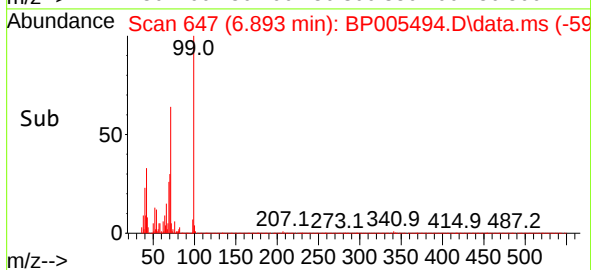
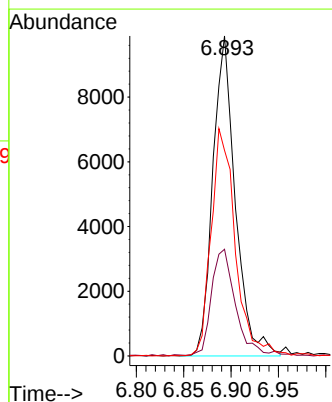
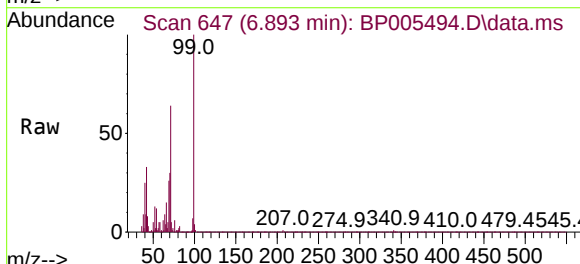
Instrument :  
BNA\_P  
ClientSampleId :  
MW-2-20210505

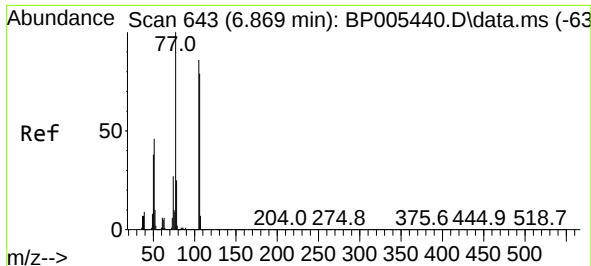
Tgt Ion:112 Resp: 29743  
Ion Ratio Lower Upper  
112 100  
64 60.8 33.6 50.4#  
63 51.1 18.6 27.8#



#7  
Phenol-d6  
Concen: 32.87 ng  
RT: 6.893 min Scan# 647  
Delta R.T. 0.000 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

Tgt Ion: 99 Resp: 16323  
Ion Ratio Lower Upper  
99 100  
42 33.3 12.9 19.3#  
71 64.2 26.7 40.1#

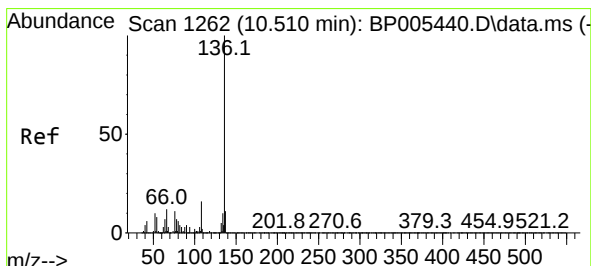
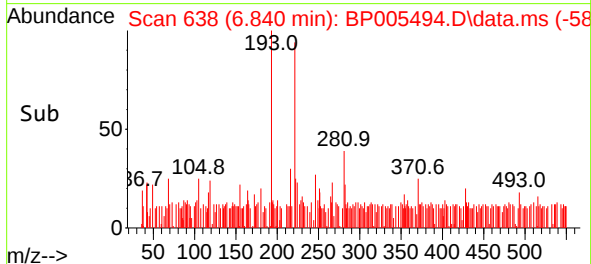
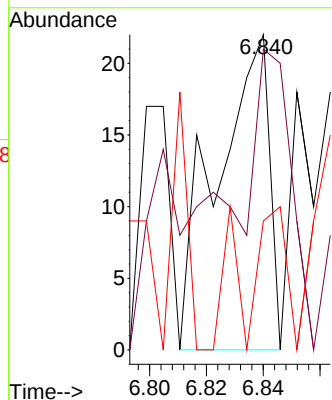
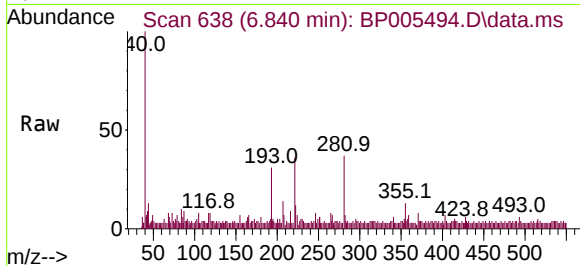




#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.840 min Scan# 638  
Delta R.T. -0.006 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

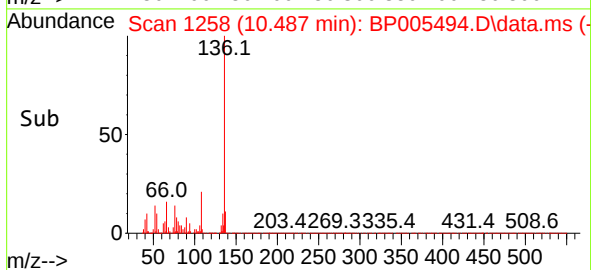
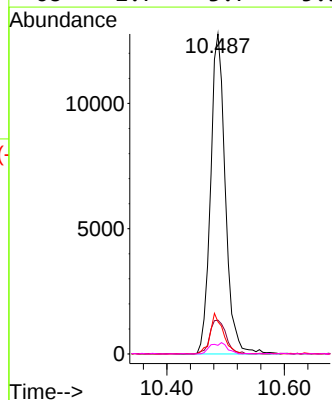
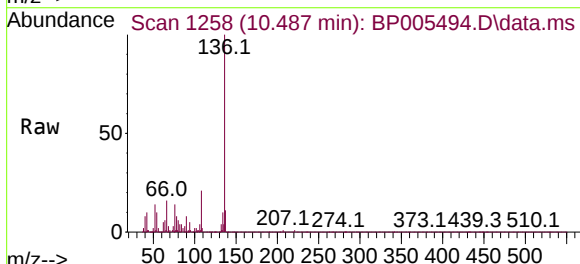
Instrument :  
BNA\_P  
ClientSampleId :  
MW-2-20210505

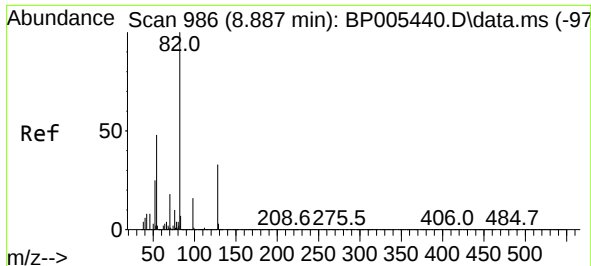
Tgt Ion: 77 Resp: 28  
Ion Ratio Lower Upper  
77 100  
105 95.5 89.4 129.4  
106 40.9 79.9 119.9#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.487 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

Tgt Ion: 136 Resp: 22259  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.9 13.3  
54 10.1 5.0 7.4#  
68 2.7 3.7 5.5#

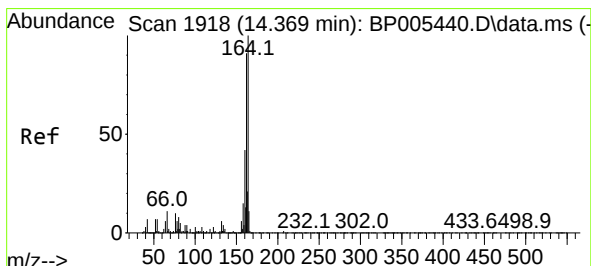
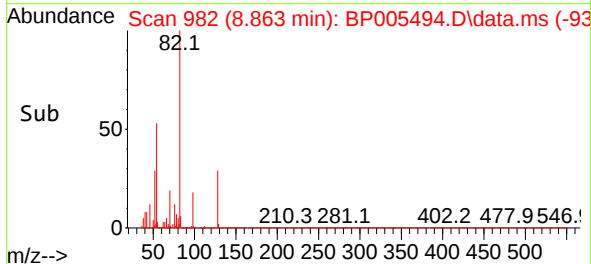
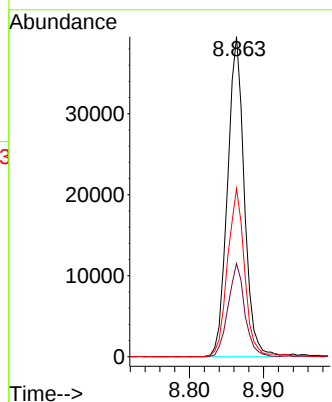
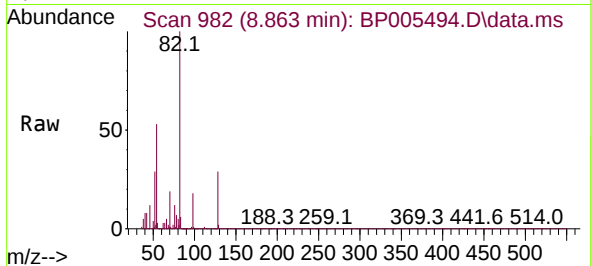




#23  
Nitrobenzene-d5  
Concen: 109.68 ng  
RT: 8.863 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

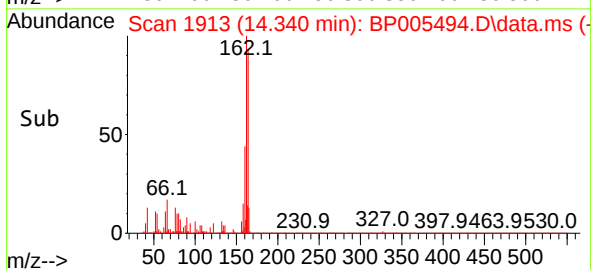
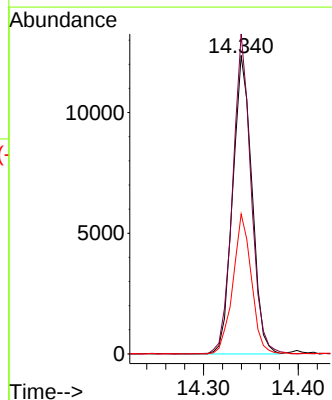
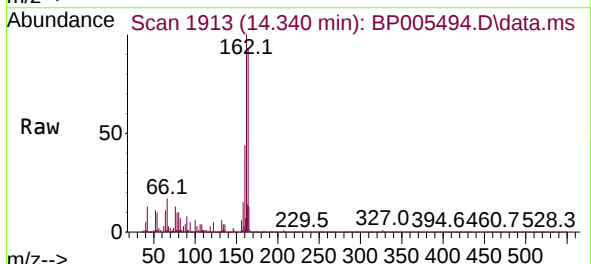
Instrument :  
BNA\_P  
ClientSampleId :  
MW-2-20210505

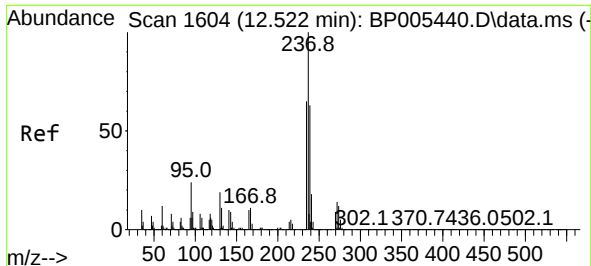
Tgt Ion: 82 Resp: 62028  
Ion Ratio Lower Upper  
82 100  
128 29.1 30.5 45.7#  
54 52.5 33.9 50.9#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.340 min Scan# 1913  
Delta R.T. 0.000 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

Tgt Ion: 164 Resp: 17403  
Ion Ratio Lower Upper  
164 100  
162 107.2 73.5 110.3  
160 46.9 40.6 61.0

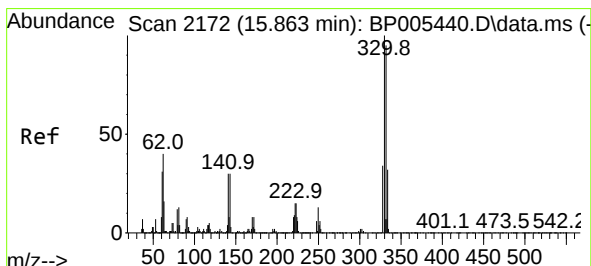
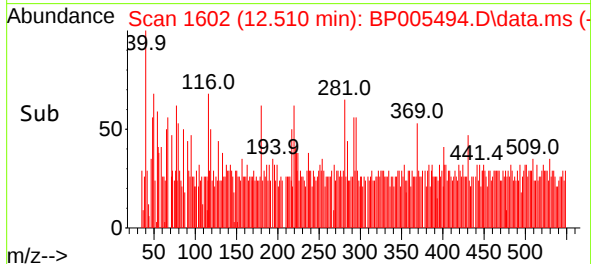
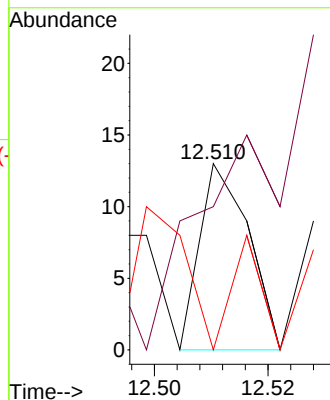
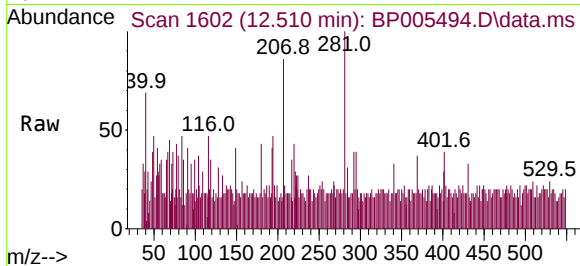




#41  
Hexachlorocyclopentadiene  
Concen: 7.89 ng  
RT: 12.510 min Scan# 1602  
Delta R.T. 0.012 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

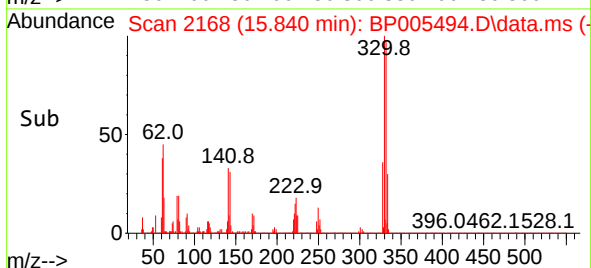
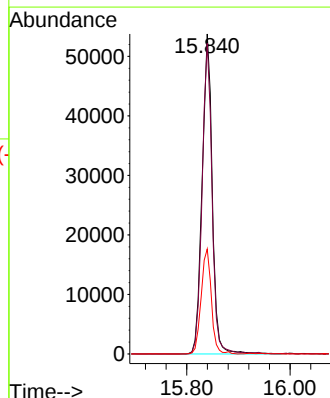
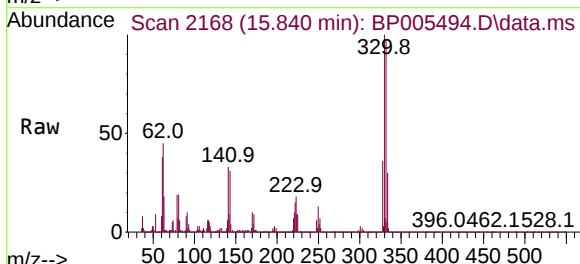
Instrument :  
BNA\_P  
ClientSampleId :  
MW-2-20210505

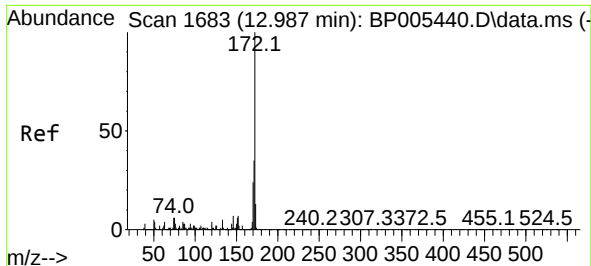
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 8     |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 76.9  | 40.9  | 80.9  |
| 272      | 0.0   | 0.0   | 34.6  |



#42  
2,4,6-Tribromophenol  
Concen: 148.61 ng  
RT: 15.840 min Scan# 2168  
Delta R.T. 0.000 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 73389 |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 94.9  | 76.3  | 114.5 |
| 141      | 32.9  | 22.8  | 34.2  |

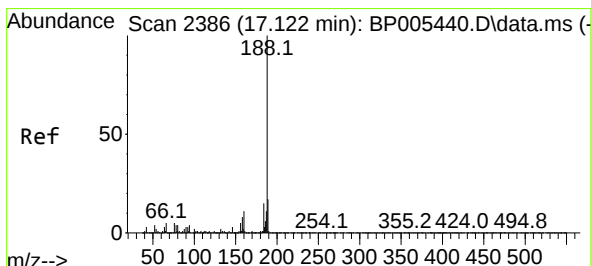
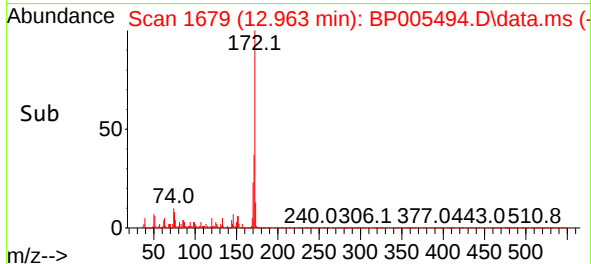
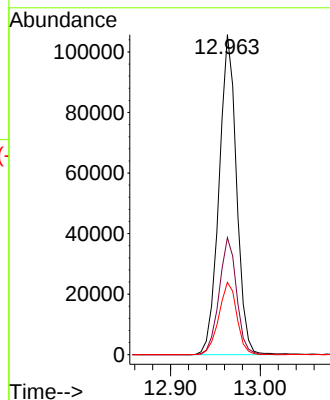
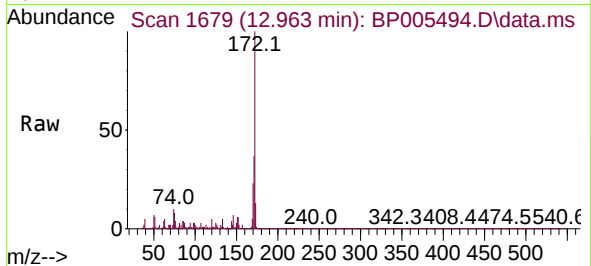




#45  
2-Fluorobiphenyl  
Concen: 92.65 ng  
RT: 12.963 min Scan# 1679  
Delta R.T. -0.006 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

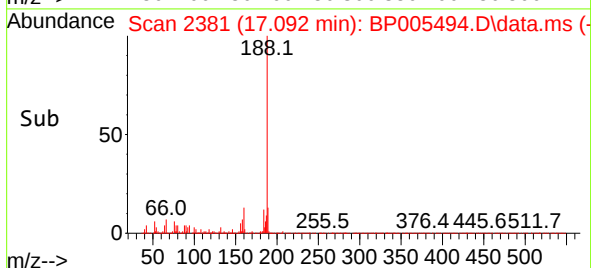
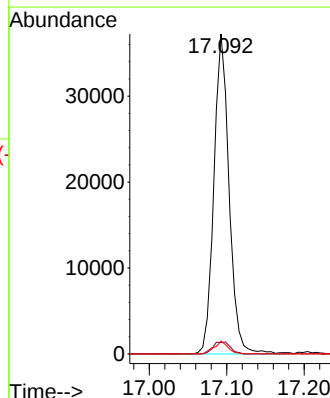
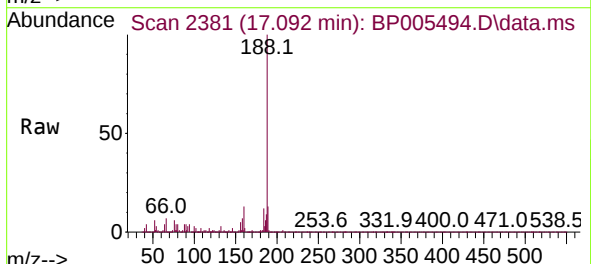
Instrument :  
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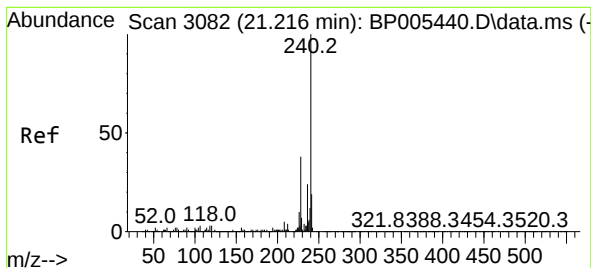
Tgt Ion:172 Resp: 142943  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.1 42.1  
170 22.6 19.6 29.4



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.092 min Scan# 2381  
Delta R.T. -0.006 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

Tgt Ion:188 Resp: 50698  
Ion Ratio Lower Upper  
188 100  
94 3.6 5.0 7.6#  
80 4.0 5.9 8.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.186 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BP005494.D

Acq: 11 May 2021 17:59

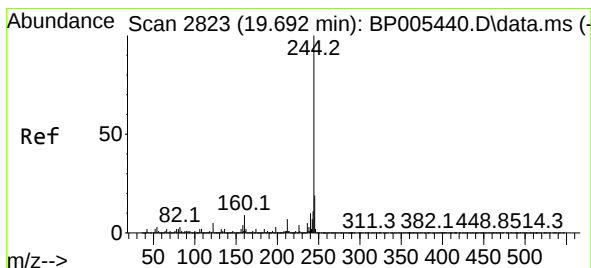
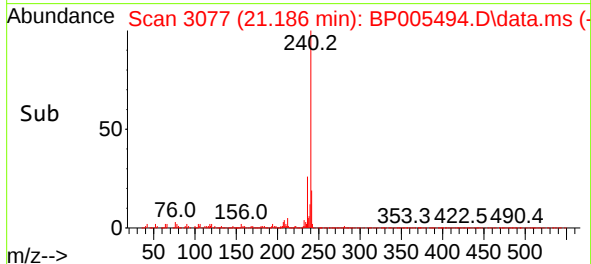
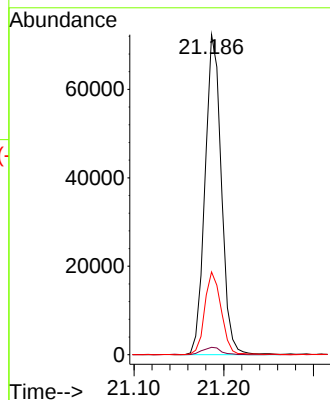
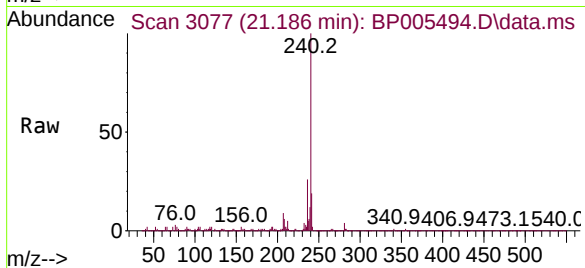
Instrument :

BNA\_P

ClientSampleId :

MW-2-20210505

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 91439     |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 2.3   | 4.2 6.2#  |
| 236         | 25.9  | 20.2 30.2 |



#79

Terphenyl-d14

Concen: 81.94 ng

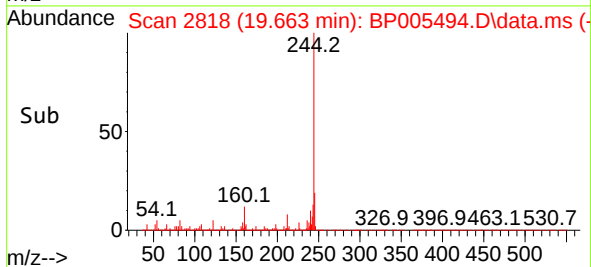
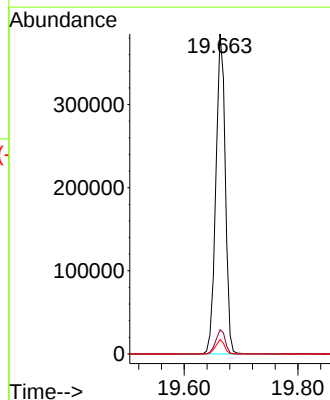
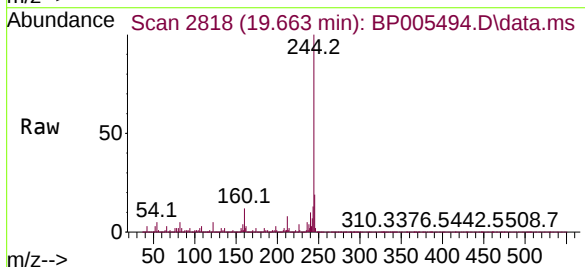
RT: 19.663 min Scan# 2818

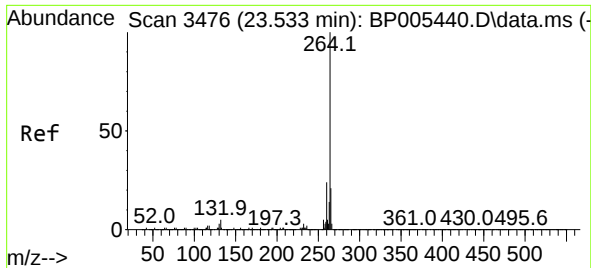
Delta R.T. -0.006 min

Lab File: BP005494.D

Acq: 11 May 2021 17:59

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 441194   |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.5   | 5.8 8.6  |
| 122         | 4.5   | 5.2 7.8# |





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.492 min Scan# 3469  
Delta R.T. -0.012 min  
Lab File: BP005494.D  
Acq: 11 May 2021 17:59

Instrument :  
BNA\_P  
ClientSampleId :  
MW-2-20210505

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 116138 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.6  | 20.6  | 30.8   |
| 265      | 20.5  | 19.0  | 28.6   |

