

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021825\  
 Data File : BP024081.D  
 Acq On : 18 Feb 2025 11:48  
 Operator : RC/JU  
 Sample : PB166216BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB166216BL

Quant Time: Feb 18 12:15:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 18 02:25:07 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.758  | 152  | 517525   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.534 | 136  | 2011157  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.387 | 164  | 1167711  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.181 | 188  | 2153452  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.628 | 240  | 1731803  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 25.004 | 264  | 1608142  | 20.000  | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.381  | 112  | 4507788  | 135.912 | ng    | 0.00     |
| 7) Phenol-d6                | 6.946  | 99   | 5497619  | 128.966 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.905  | 82   | 3240105  | 89.880  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.898 | 330  | 2004474  | 140.142 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.999 | 172  | 7506163  | 89.865  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.910 | 244  | 9828127  | 112.295 | ng    | 0.00     |

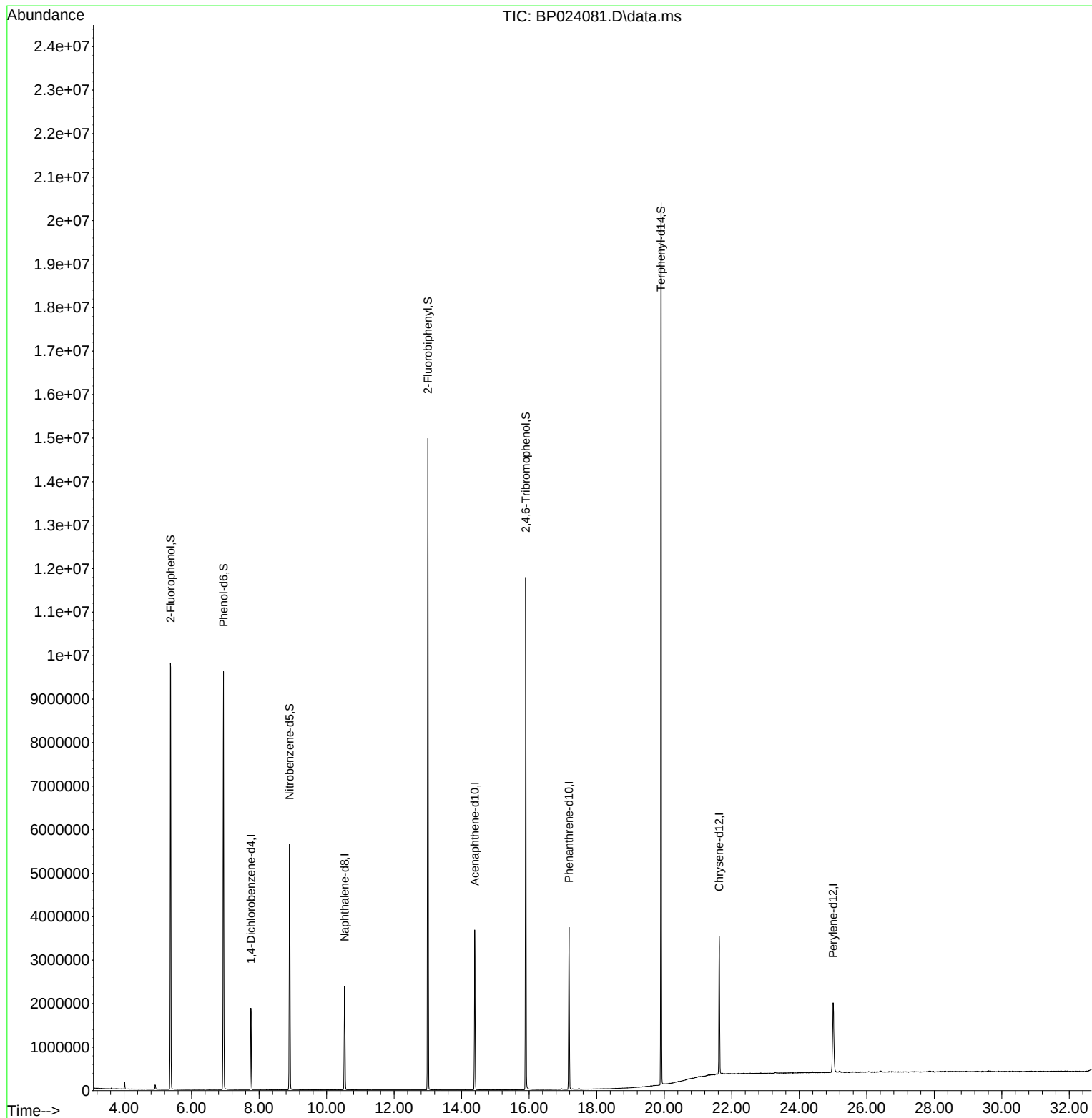
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

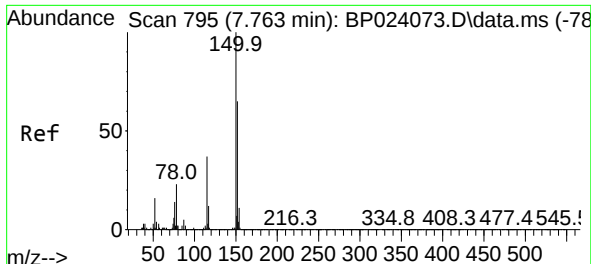
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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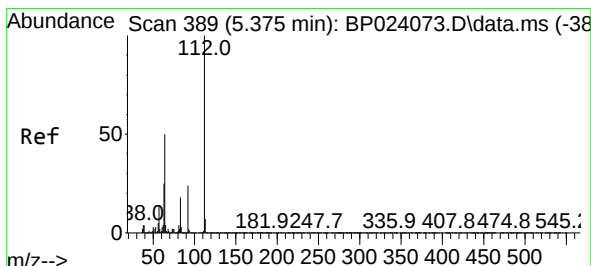
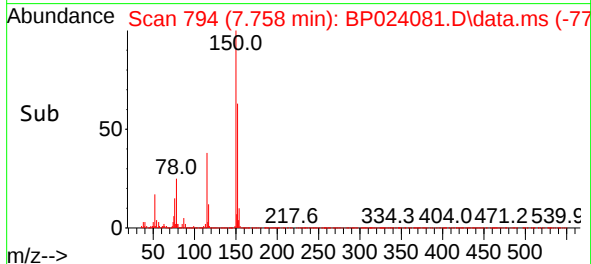
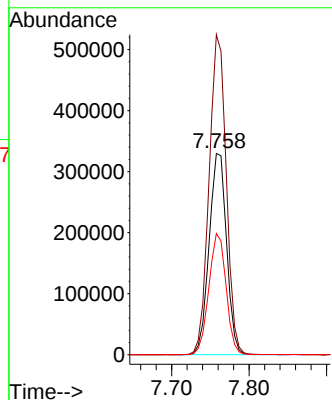
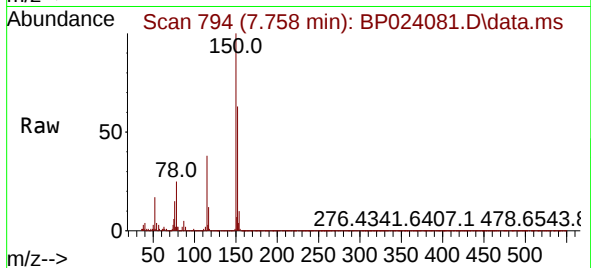




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.758 min Scan# 795  
 Delta R.T. -0.005 min  
 Lab File: BP024081.D  
 Acq: 18 Feb 2025 11:48

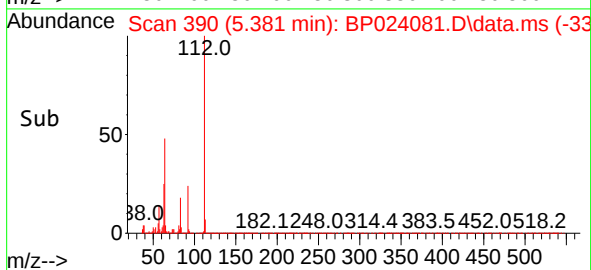
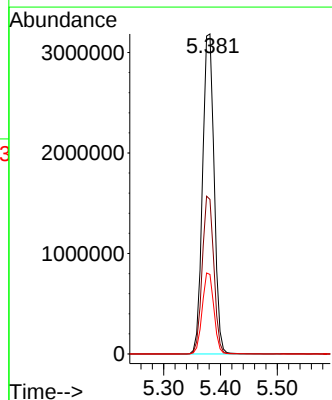
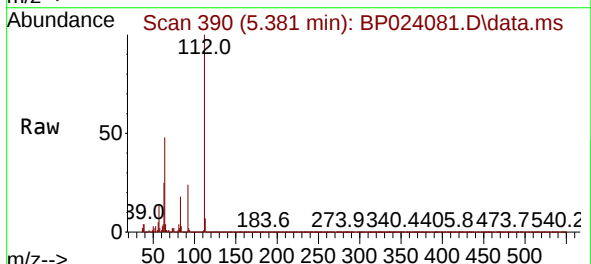
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB166216BL

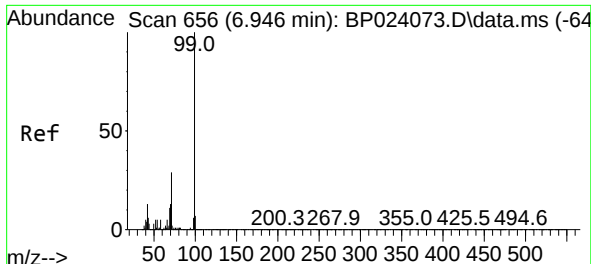
Tgt Ion:152 Resp: 517525  
 Ion Ratio Lower Upper  
 152 100  
 150 158.9 122.4 183.6  
 115 60.2 45.0 67.6



#5  
 2-Fluorophenol  
 Concen: 135.912 ng  
 RT: 5.381 min Scan# 390  
 Delta R.T. 0.006 min  
 Lab File: BP024081.D  
 Acq: 18 Feb 2025 11:48

Tgt Ion:112 Resp: 4507788  
 Ion Ratio Lower Upper  
 112 100  
 64 48.3 39.6 59.4  
 63 24.8 20.3 30.5



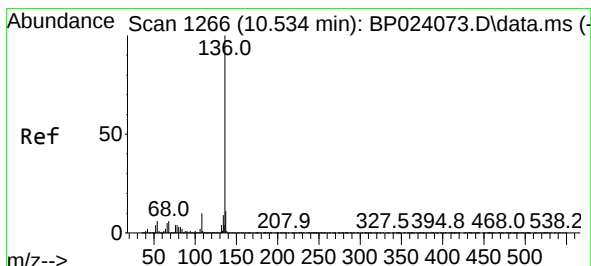
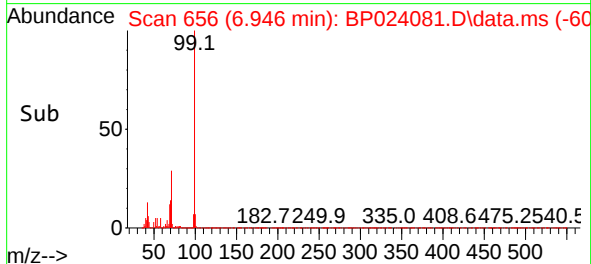
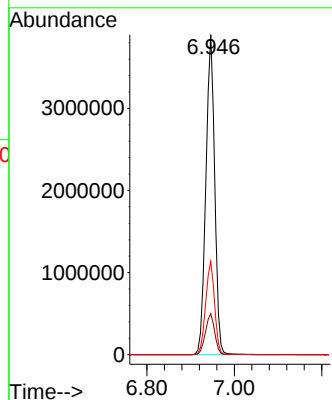
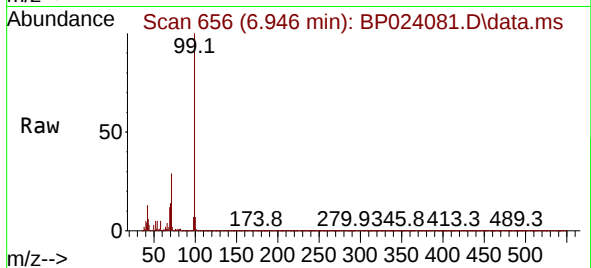


#7  
Phenol-d6  
Concen: 128.966 ng  
RT: 6.946 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP024081.D  
Acq: 18 Feb 2025 11:48

Instrument :  
BNA\_P  
ClientSampleId :  
PB166216BL

Tgt Ion: 99 Resp: 5497619

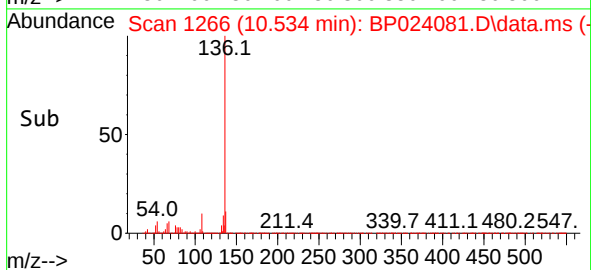
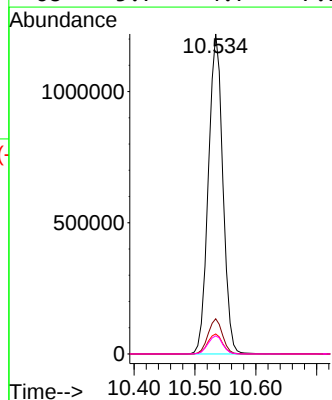
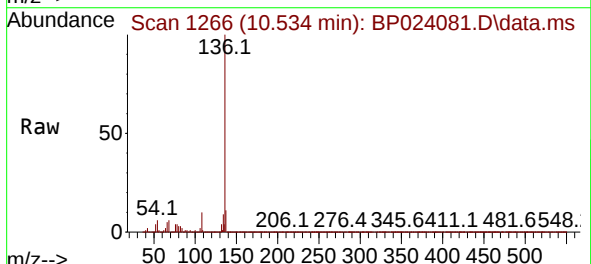
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 12.8  | 10.3  | 15.5  |
| 71  | 29.2  | 22.9  | 34.3  |

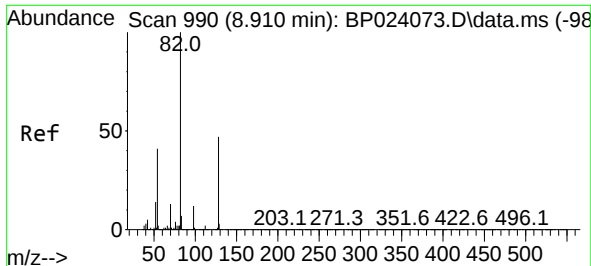


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.534 min Scan# 1266  
Delta R.T. 0.000 min  
Lab File: BP024081.D  
Acq: 18 Feb 2025 11:48

Tgt Ion: 136 Resp: 2011157

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.7   | 13.1  |
| 54  | 6.2   | 4.9   | 7.3   |
| 68  | 5.7   | 4.7   | 7.1   |

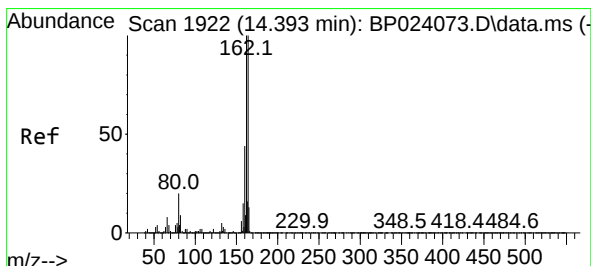
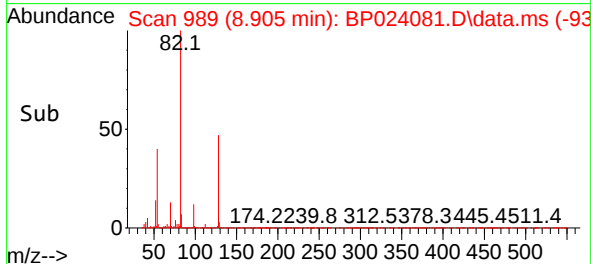
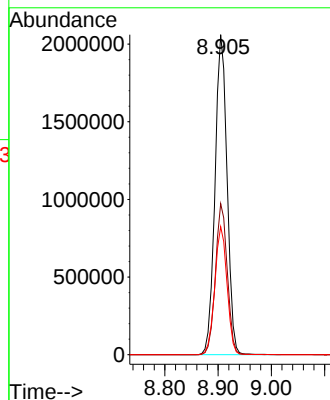
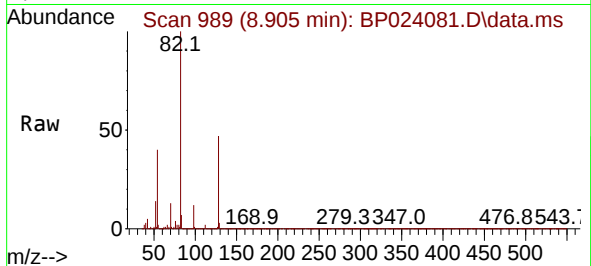




#23  
Nitrobenzene-d5  
Concen: 89.880 ng  
RT: 8.905 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024081.D  
Acq: 18 Feb 2025 11:48

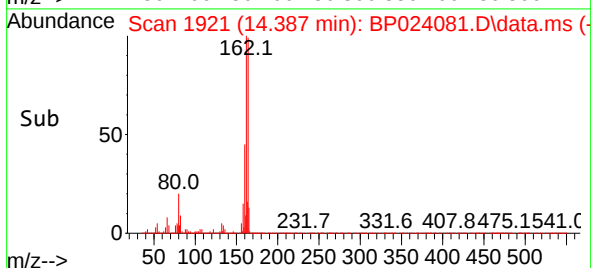
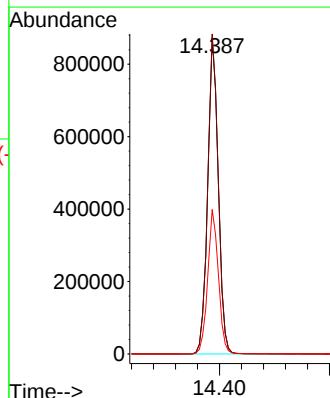
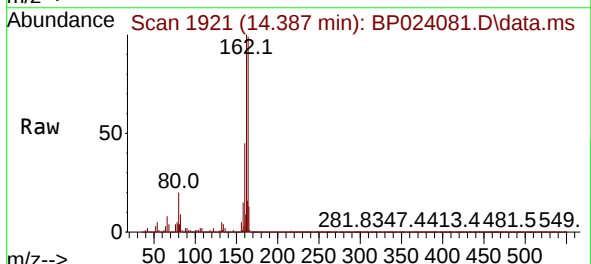
Instrument :  
BNA\_P  
ClientSampleId :  
PB166216BL

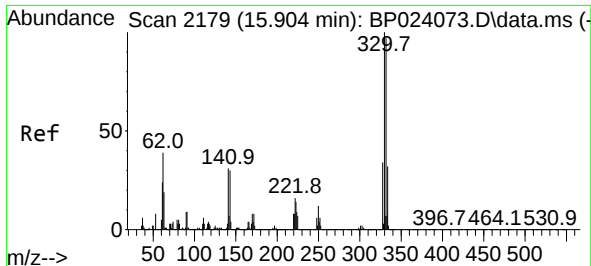
Tgt Ion: 82 Resp: 3240105  
Ion Ratio Lower Upper  
82 100  
128 47.2 37.4 56.2  
54 40.0 32.4 48.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.387 min Scan# 1921  
Delta R.T. -0.006 min  
Lab File: BP024081.D  
Acq: 18 Feb 2025 11:48

Tgt Ion:164 Resp: 1167711  
Ion Ratio Lower Upper  
164 100  
162 101.1 80.1 120.1  
160 45.7 35.6 53.4

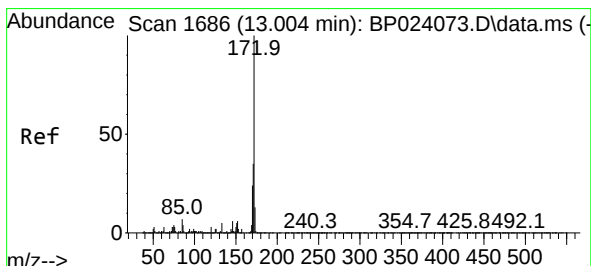
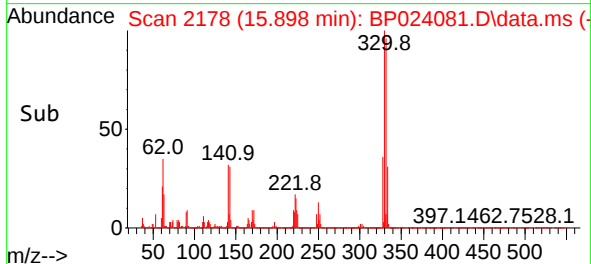
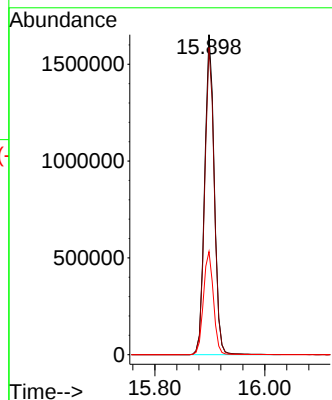
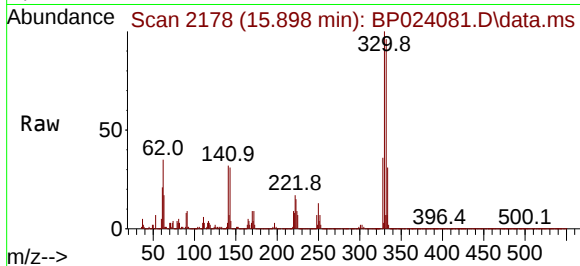




#42  
2,4,6-Tribromophenol  
Concen: 140.142 ng  
RT: 15.898 min Scan# 2178  
Delta R.T. -0.006 min  
Lab File: BP024081.D  
Acq: 18 Feb 2025 11:48

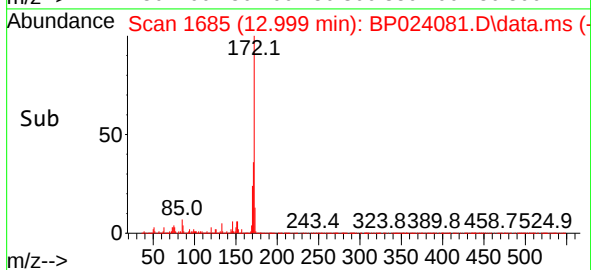
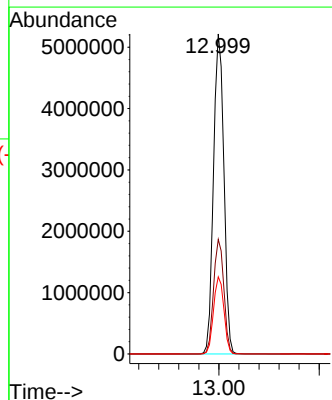
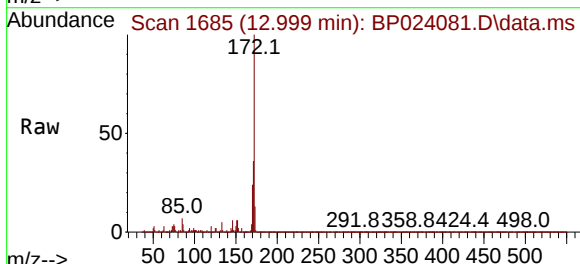
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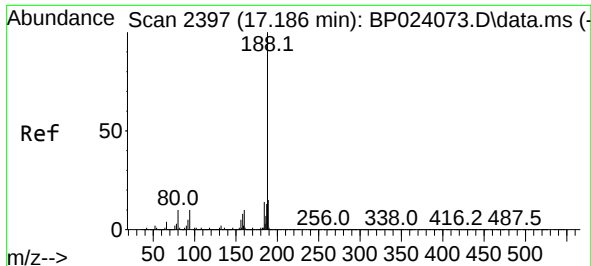
Tgt Ion:330 Resp: 2004474  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.0 115.4  
141 33.7 28.3 42.5



#45  
2-Fluorobiphenyl  
Concen: 89.865 ng  
RT: 12.999 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: BP024081.D  
Acq: 18 Feb 2025 11:48

Tgt Ion:172 Resp: 7506163  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.2 42.2  
170 24.1 19.0 28.6

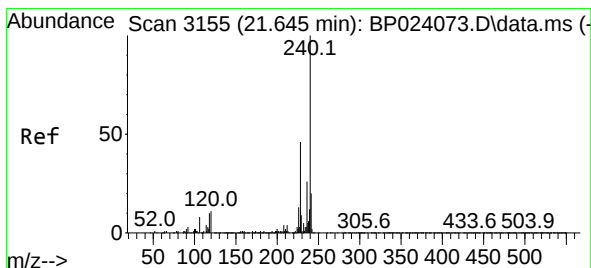
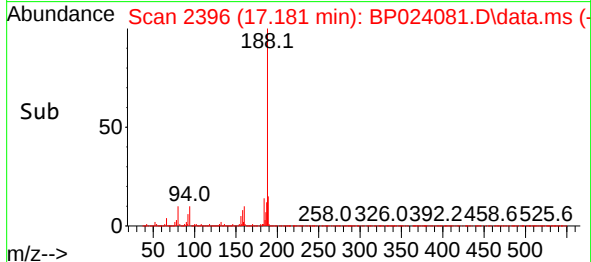
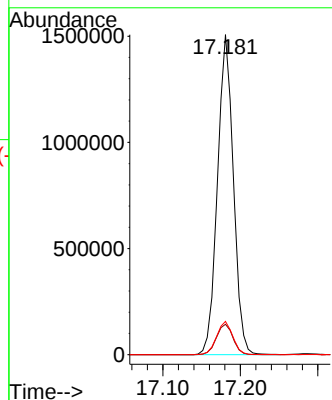
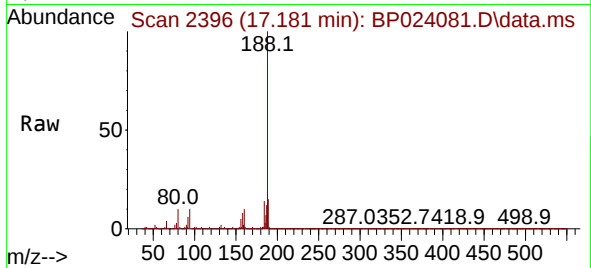




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.181 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP024081.D  
Acq: 18 Feb 2025 11:48

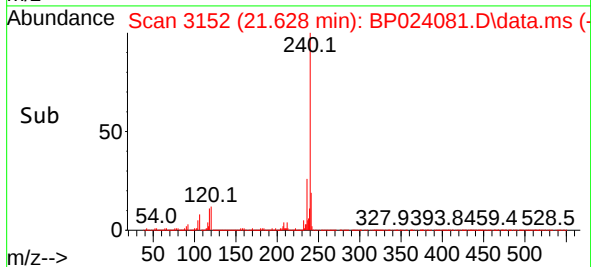
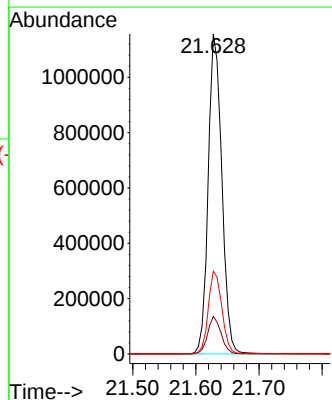
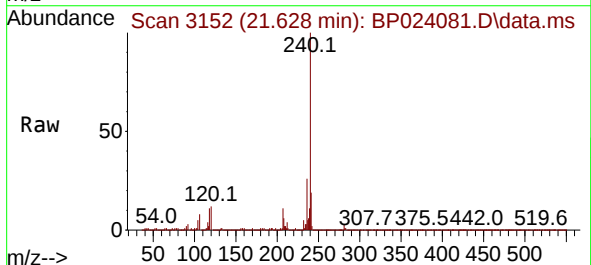
Instrument :  
BNA\_P  
ClientSampleId :  
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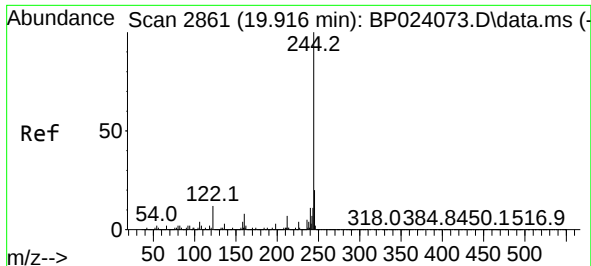
Tgt Ion:188 Resp: 2153452  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.6 11.4  
80 10.4 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.628 min Scan# 3152  
Delta R.T. -0.017 min  
Lab File: BP024081.D  
Acq: 18 Feb 2025 11:48

Tgt Ion:240 Resp: 1731803  
Ion Ratio Lower Upper  
240 100  
120 11.8 8.9 13.3  
236 25.9 20.7 31.1

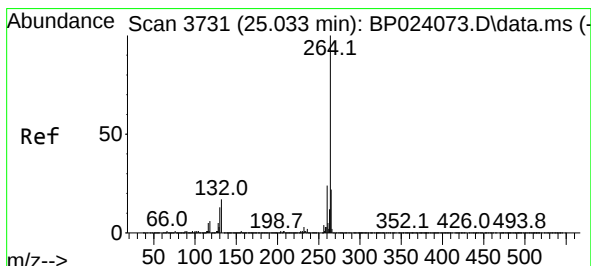
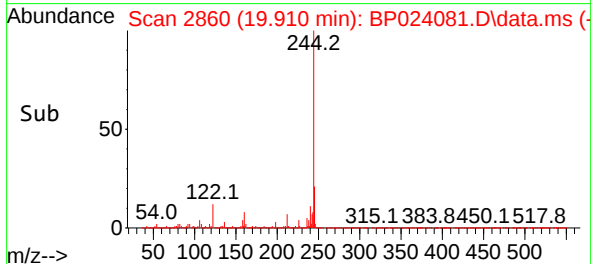
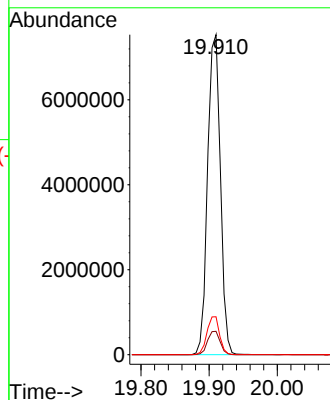
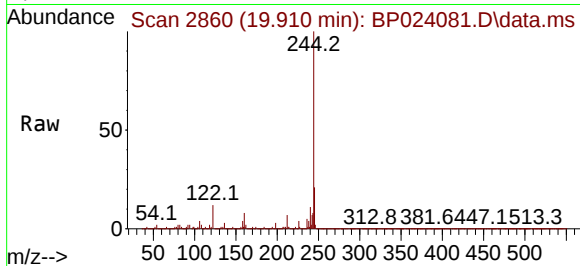




#79  
 Terphenyl-d14  
 Concen: 112.295 ng  
 RT: 19.910 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP024081.D  
 Acq: 18 Feb 2025 11:48

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB166216BL

Tgt Ion:244 Resp: 9828127  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.9 8.9  
 122 11.9 9.4 14.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.004 min Scan# 3726  
 Delta R.T. -0.029 min  
 Lab File: BP024081.D  
 Acq: 18 Feb 2025 11:48

Tgt Ion:264 Resp: 1608142  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.0 28.6  
 265 22.0 17.8 26.8

