

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022825\  
 Data File : BP024133.D  
 Acq On : 28 Feb 2025 13:31  
 Operator : RC/JU  
 Sample : PB166890BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB166890BL

Quant Time: Feb 28 13:52:41 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   | 7.763  | 152  | 367881   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.540 | 136  | 1405133  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.393 | 164  | 835299   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.192 | 188  | 1671238  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.651 | 240  | 1717685  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.051 | 264  | 1892079  | 20.000  | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.381  | 112  | 3469344  | 147.152 | ng    | 0.00     |
| 7) Phenol-d6                | 6.946  | 99   | 4265874  | 140.777 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.910  | 82   | 2488278  | 98.794  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.910 | 330  | 1708840  | 167.018 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.998 | 172  | 5550897  | 92.903  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.922 | 244  | 9050146  | 104.256 | ng    | 0.00     |

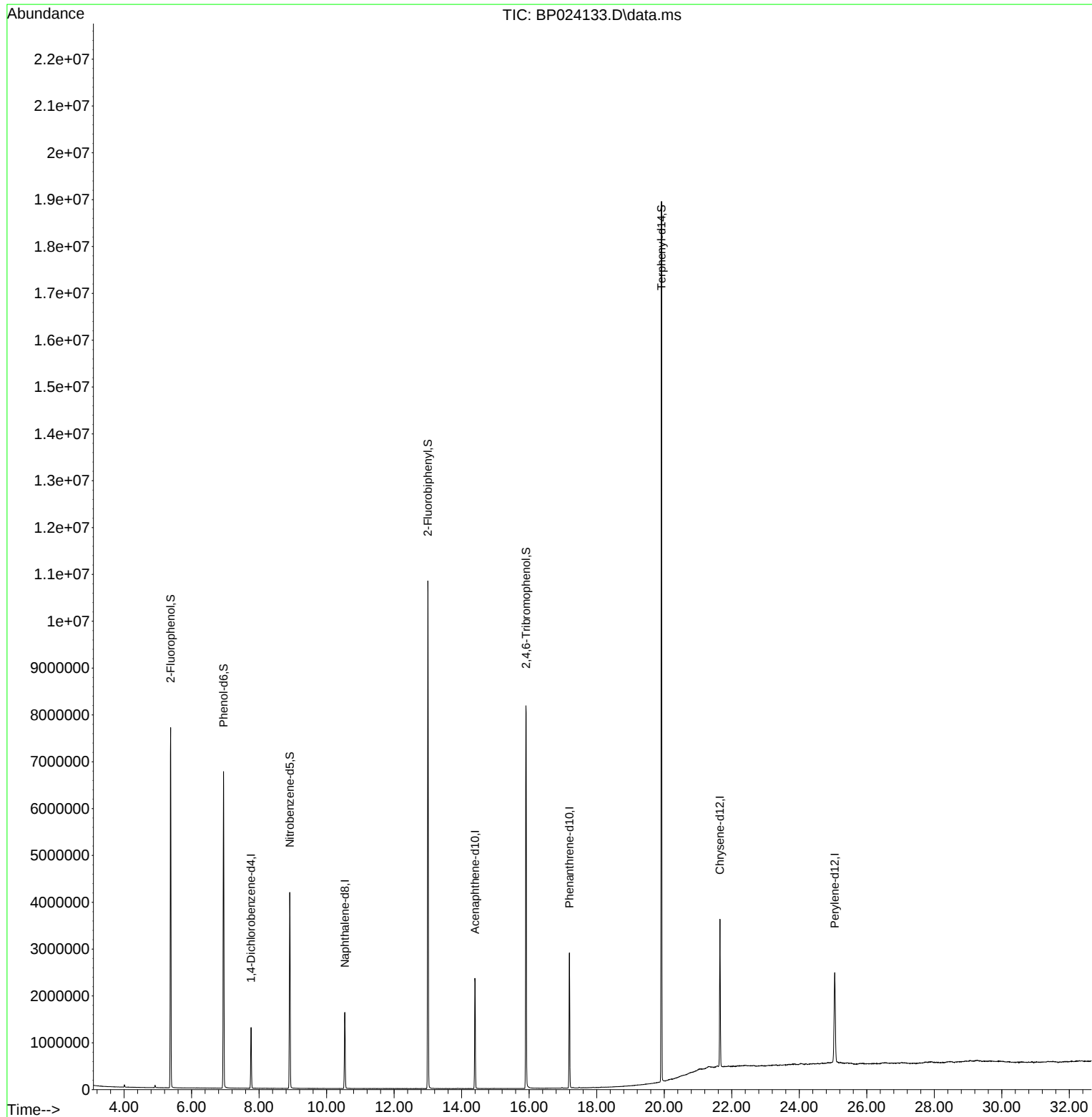
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

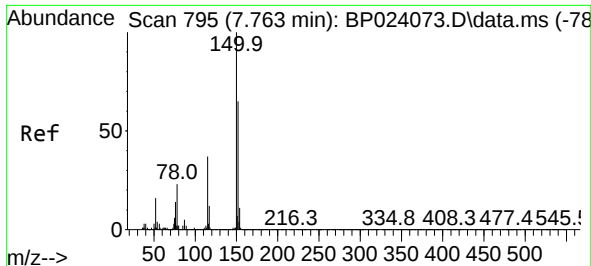
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 18 02:25:07 2025  
Response via : Initial Calibration

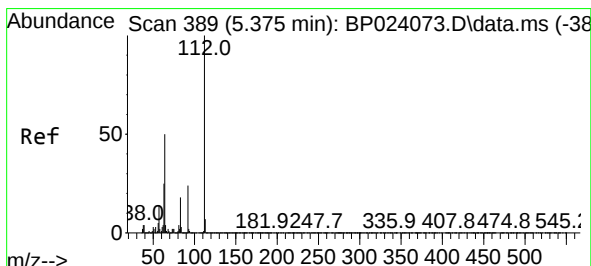
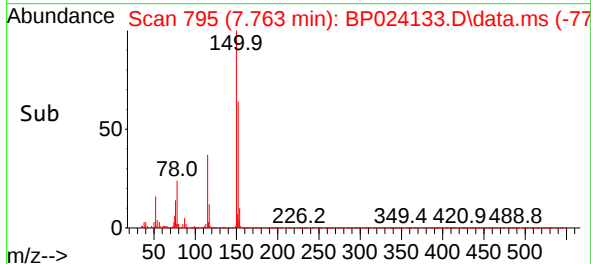
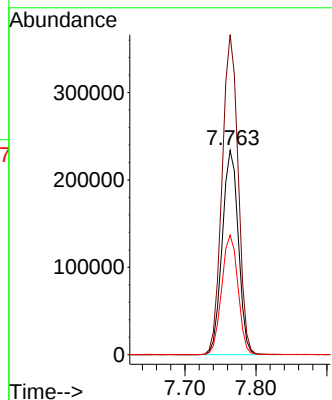
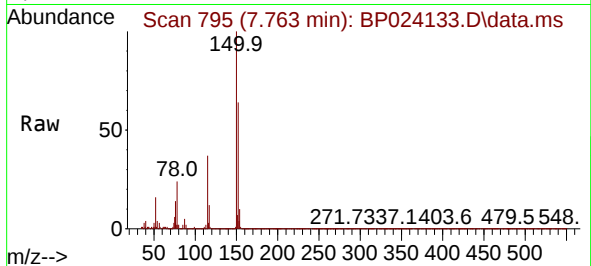




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.763 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BP024133.D  
Acq: 28 Feb 2025 13:31

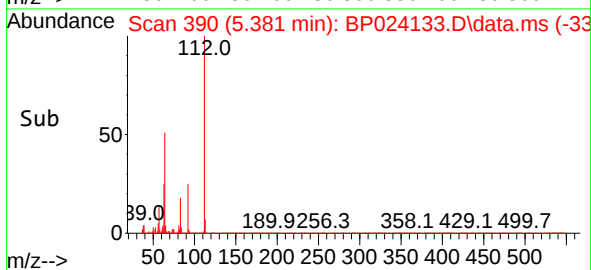
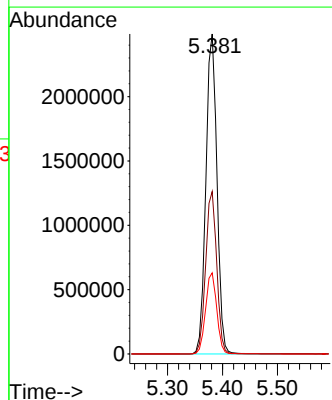
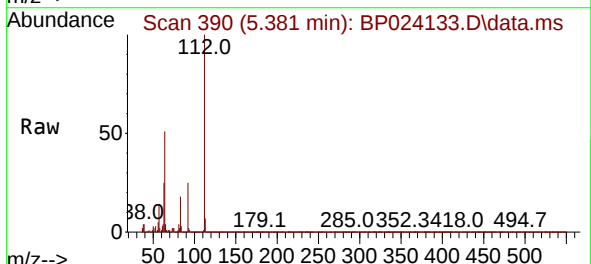
Instrument :  
BNA\_P  
ClientSampleId :  
PB166890BL

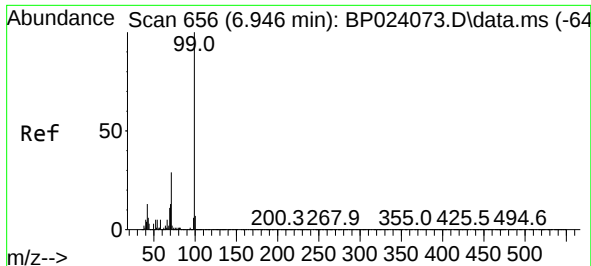
Tgt Ion:152 Resp: 367881  
Ion Ratio Lower Upper  
152 100  
150 156.6 122.4 183.6  
115 58.5 45.0 67.6



#5  
2-Fluorophenol  
Concen: 147.152 ng  
RT: 5.381 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: BP024133.D  
Acq: 28 Feb 2025 13:31

Tgt Ion:112 Resp: 3469344  
Ion Ratio Lower Upper  
112 100  
64 50.8 39.6 59.4  
63 25.4 20.3 30.5



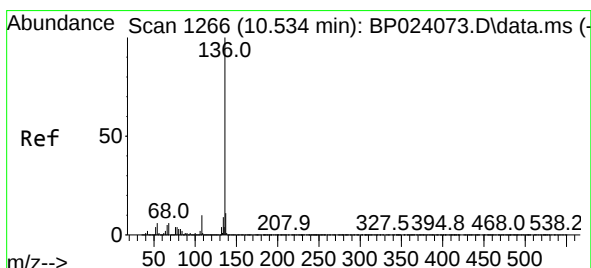
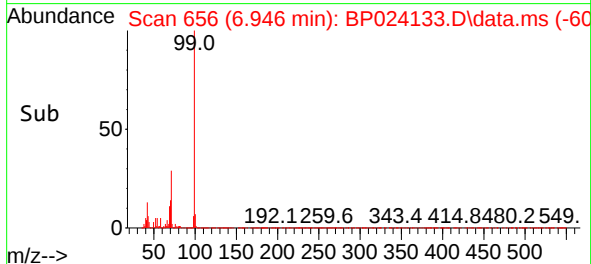
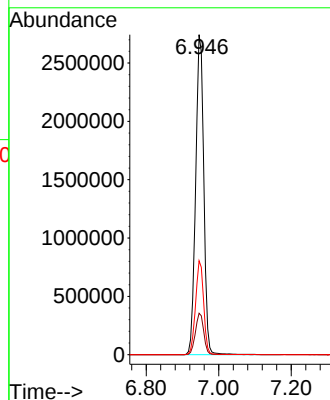
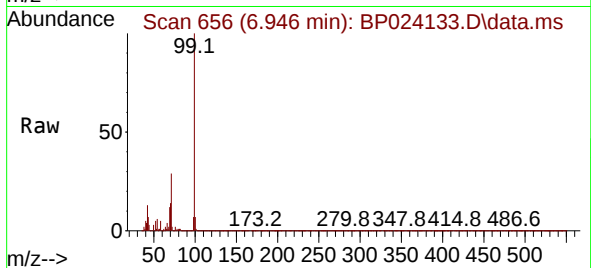


#7  
Phenol-d6  
Concen: 140.777 ng  
RT: 6.946 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP024133.D  
Acq: 28 Feb 2025 13:31

Instrument :  
BNA\_P  
ClientSampleId :  
PB166890BL

Tgt Ion: 99 Resp: 4265874

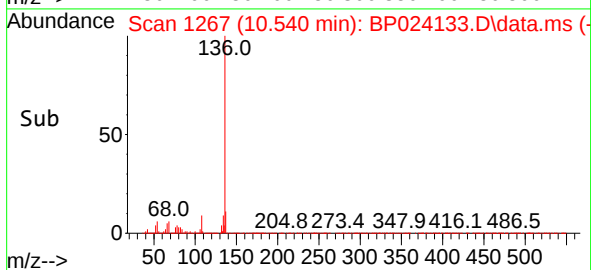
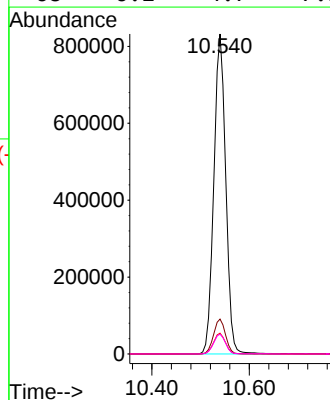
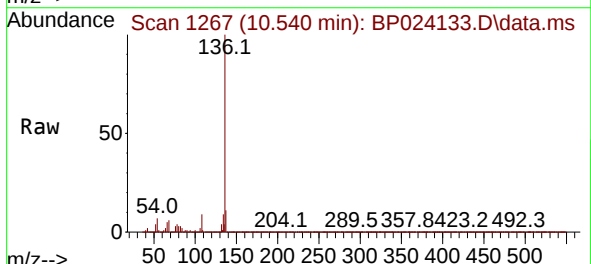
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.0  | 10.3  | 15.5  |
| 71  | 29.4  | 22.9  | 34.3  |

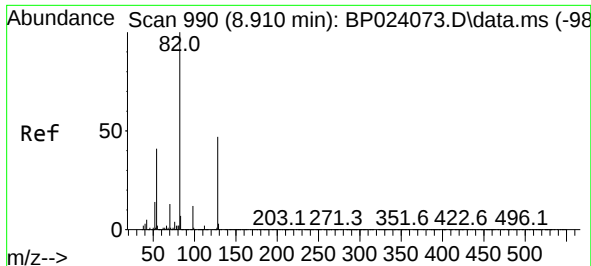


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.540 min Scan# 1267  
Delta R.T. 0.006 min  
Lab File: BP024133.D  
Acq: 28 Feb 2025 13:31

Tgt Ion: 136 Resp: 1405133

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 6.5   | 4.9   | 7.3   |
| 68  | 6.2   | 4.7   | 7.1   |

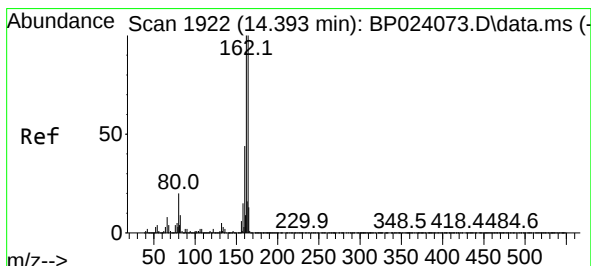
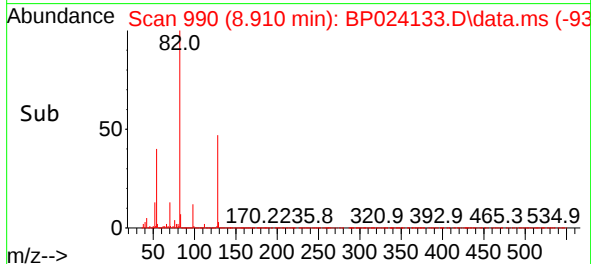
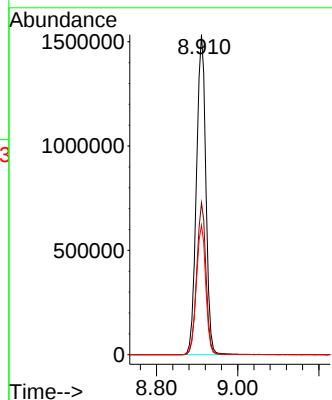
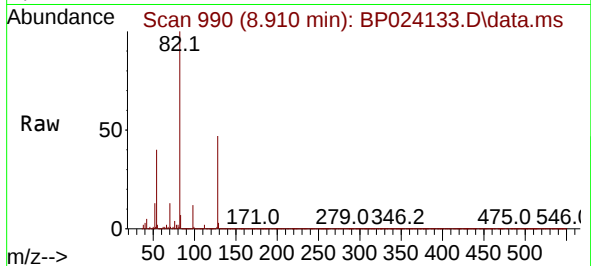




#23  
Nitrobenzene-d5  
Concen: 98.794 ng  
RT: 8.910 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BP024133.D  
Acq: 28 Feb 2025 13:31

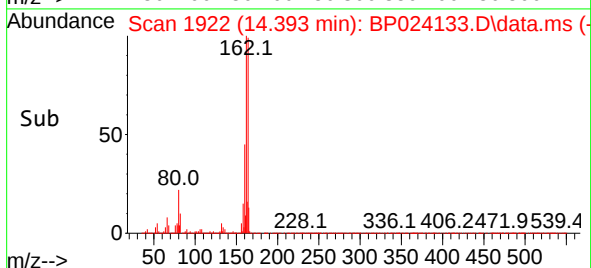
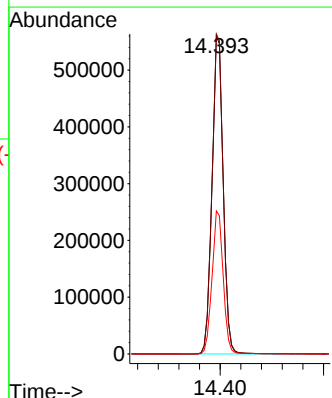
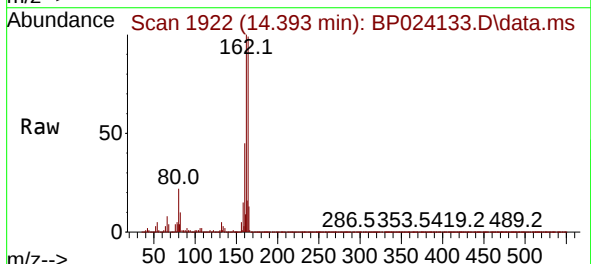
Instrument :  
BNA\_P  
ClientSampleId :  
PB166890BL

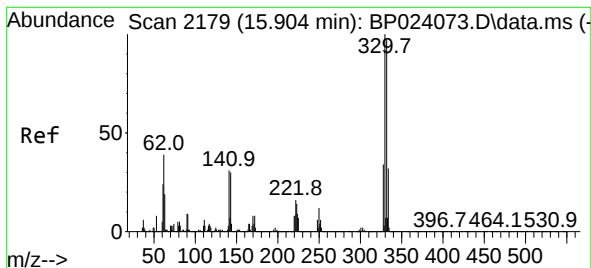
Tgt Ion: 82 Resp: 2488278  
Ion Ratio Lower Upper  
82 100  
128 47.5 37.4 56.2  
54 40.4 32.4 48.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.393 min Scan# 1922  
Delta R.T. 0.000 min  
Lab File: BP024133.D  
Acq: 28 Feb 2025 13:31

Tgt Ion:164 Resp: 835299  
Ion Ratio Lower Upper  
164 100  
162 100.7 80.1 120.1  
160 45.0 35.6 53.4

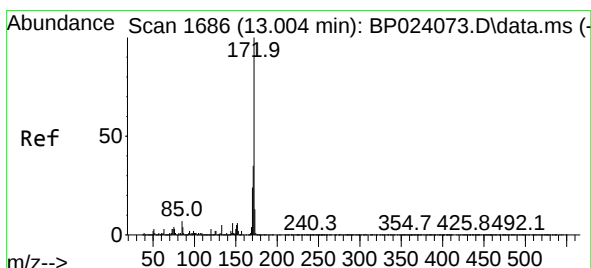
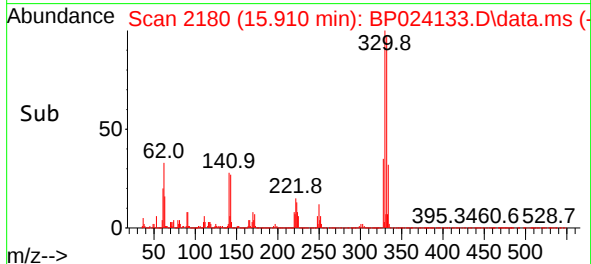
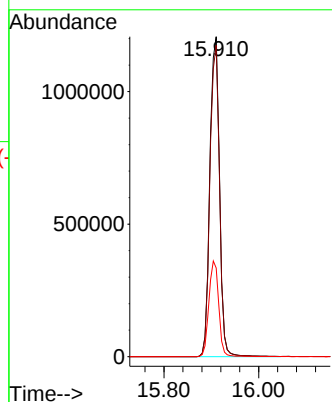
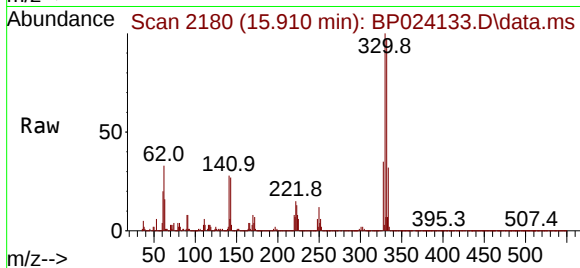




#42  
2,4,6-Tribromophenol  
Concen: 167.018 ng  
RT: 15.910 min Scan# 2179  
Delta R.T. 0.006 min  
Lab File: BP024133.D  
Acq: 28 Feb 2025 13:31

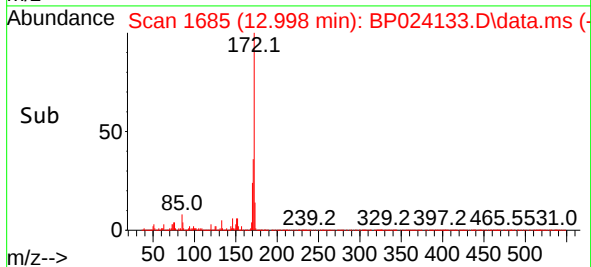
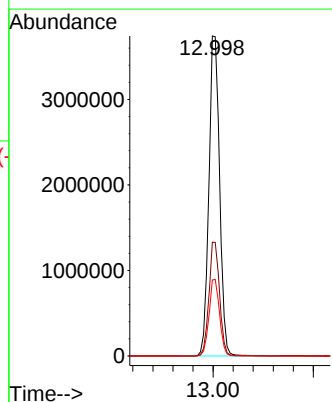
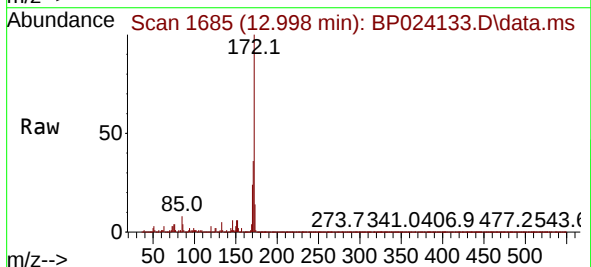
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PB166890BL

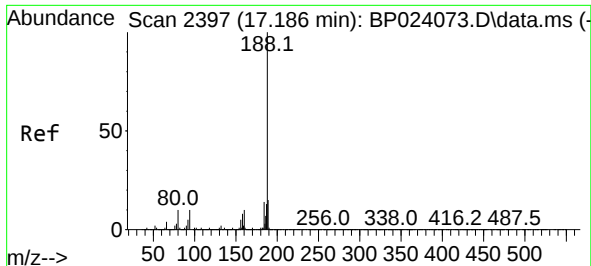
Tgt Ion:330 Resp: 1708840  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.0 115.4  
141 30.5 28.3 42.5



#45  
2-Fluorobiphenyl  
Concen: 92.903 ng  
RT: 12.998 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: BP024133.D  
Acq: 28 Feb 2025 13:31

Tgt Ion:172 Resp: 5550897  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.2  
170 23.7 19.0 28.6

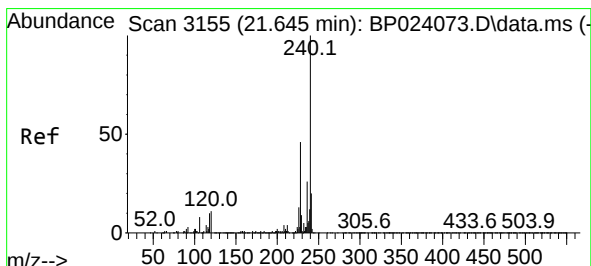
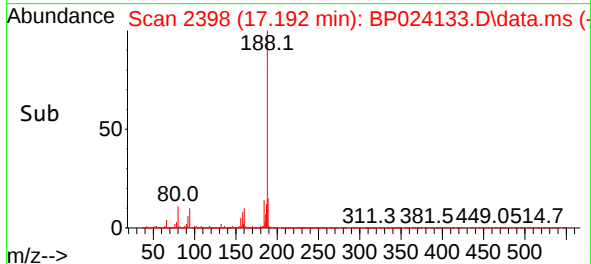
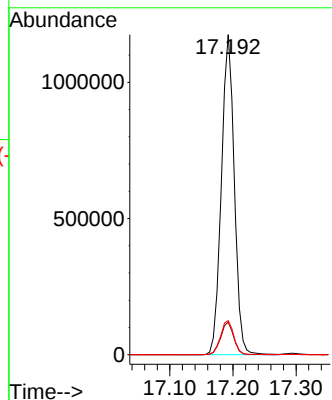
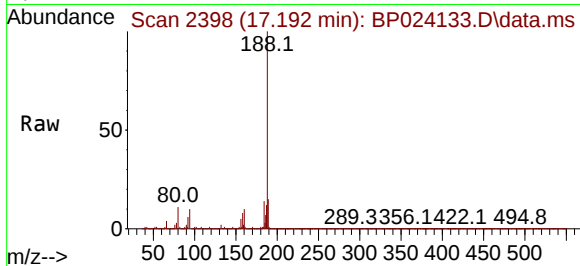




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.192 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP024133.D  
Acq: 28 Feb 2025 13:31

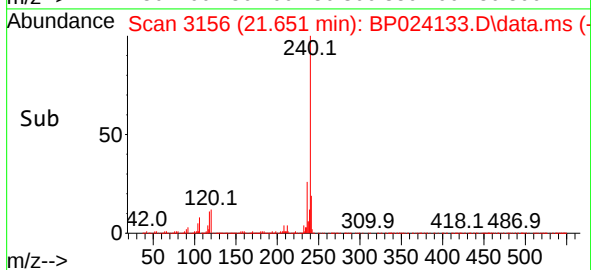
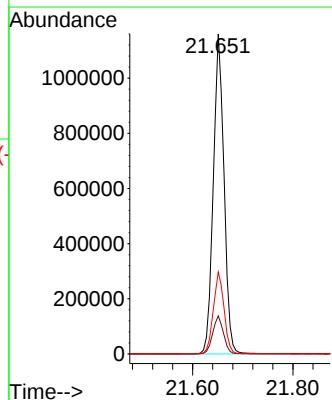
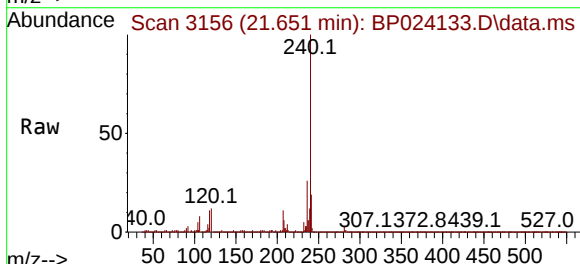
Instrument :  
BNA\_P  
ClientSampleId :  
PB166890BL

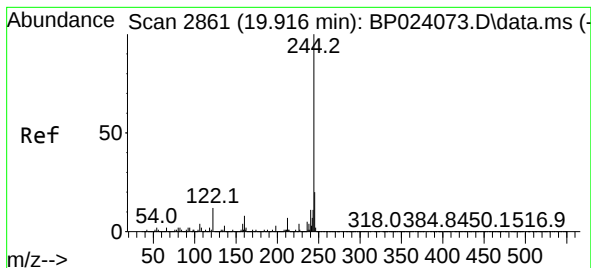
Tgt Ion:188 Resp: 1671238  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.6 11.4  
80 10.7 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.651 min Scan# 3156  
Delta R.T. 0.006 min  
Lab File: BP024133.D  
Acq: 28 Feb 2025 13:31

Tgt Ion:240 Resp: 1717685  
Ion Ratio Lower Upper  
240 100  
120 11.9 8.9 13.3  
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 104.256 ng

RT: 19.922 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024133.D

Acq: 28 Feb 2025 13:31

Instrument :

BNA\_P

ClientSampleId :

PB166890BL

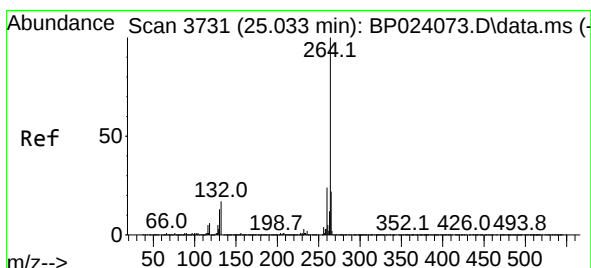
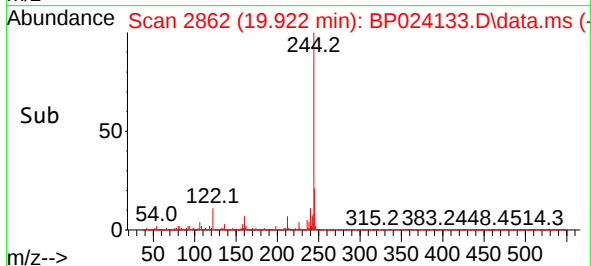
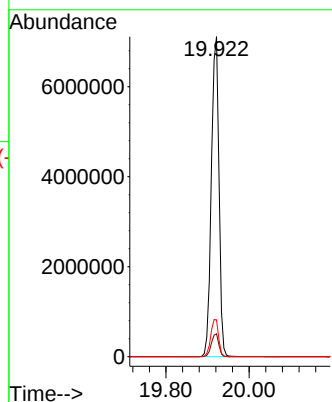
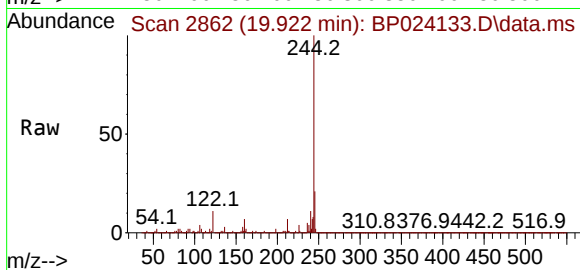
Tgt Ion:244 Resp: 9050146

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 11.5 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.051 min Scan# 3734

Delta R.T. 0.018 min

Lab File: BP024133.D

Acq: 28 Feb 2025 13:31

Tgt Ion:264 Resp: 1892079

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.5 17.8 26.8

