

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052025\  
 Data File : BP024724.D  
 Acq On : 21 May 2025 03:30  
 Operator : RC/JU  
 Sample : Q1984-09  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OU4-TS-25-050725

Quant Time: May 21 03:57:07 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 13 16:21:39 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.652  | 152  | 128618   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.428 | 136  | 540121   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.287 | 164  | 348817   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.075 | 188  | 677955   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.504 | 240  | 735784   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 24.780 | 264  | 906701   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.287  | 112  | 601664   | 80.010 | ng    | 0.00     |
| 7) Phenol-d6                | 6.858  | 99   | 751217   | 78.273 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.805  | 82   | 479958   | 44.898 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.804 | 330  | 515728   | 87.213 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.899 | 172  | 1195907  | 44.917 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.798 | 244  | 1837626  | 42.825 | ng    | -0.01    |

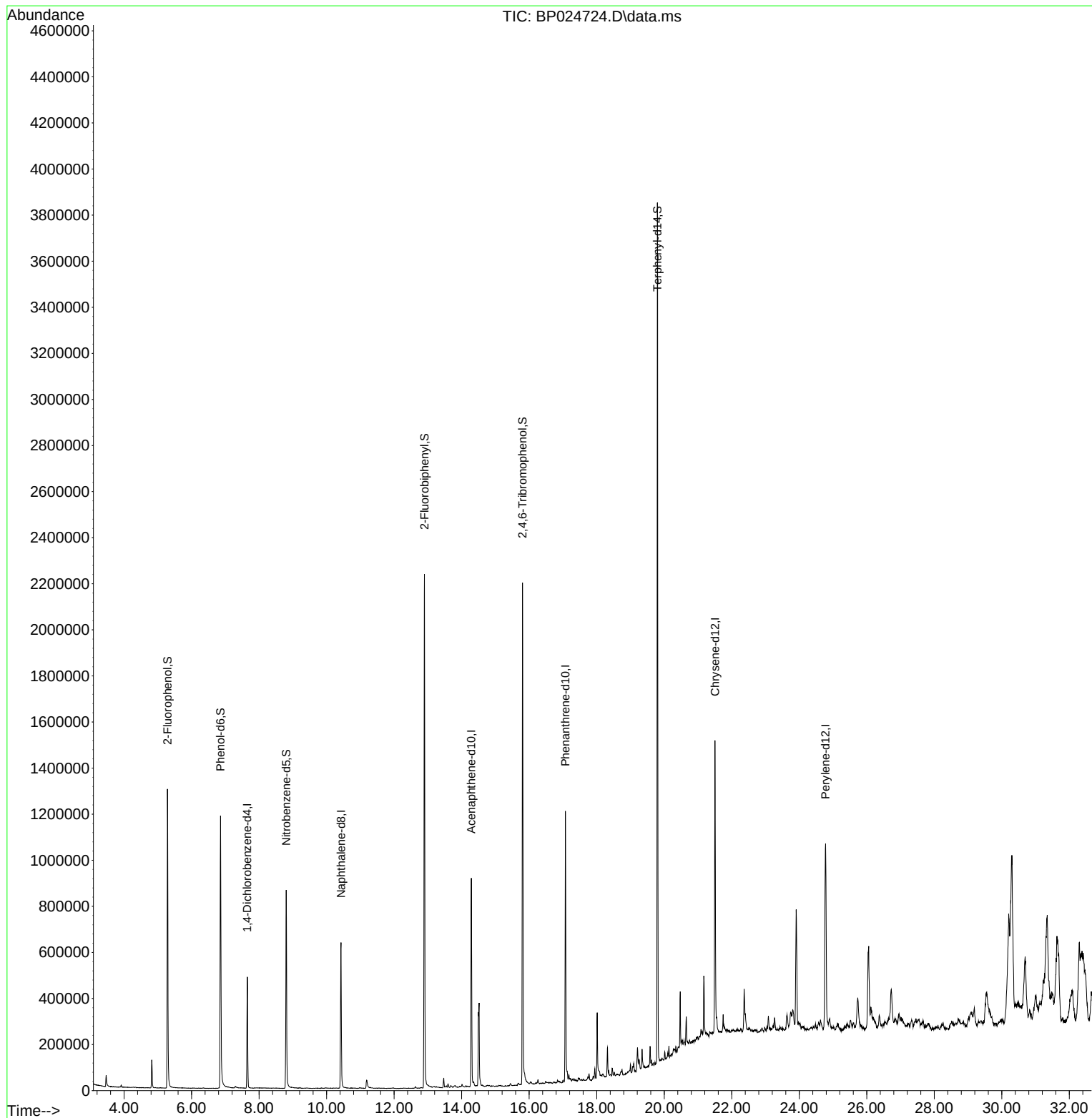
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

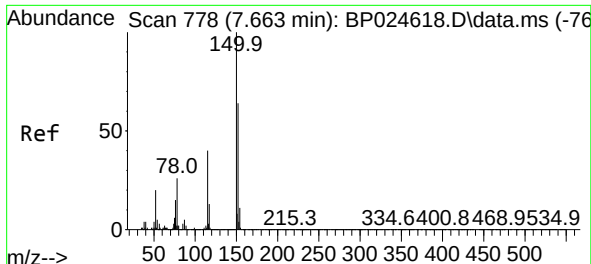
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052025\  
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Response via : Initial Calibration

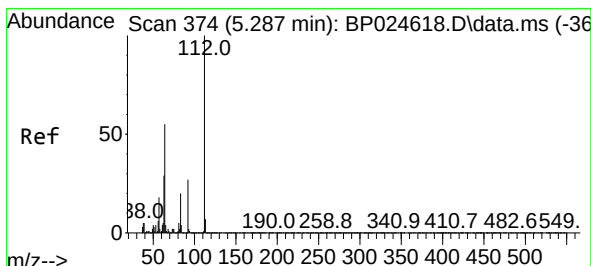
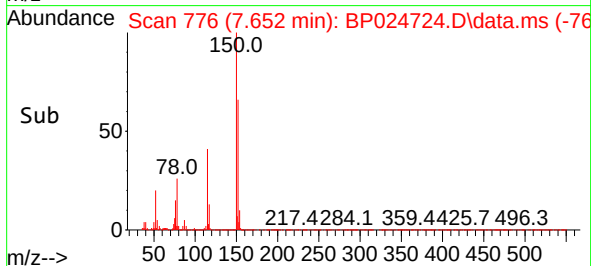
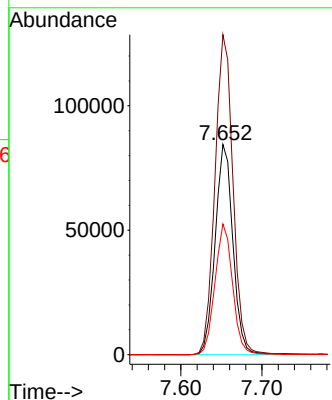
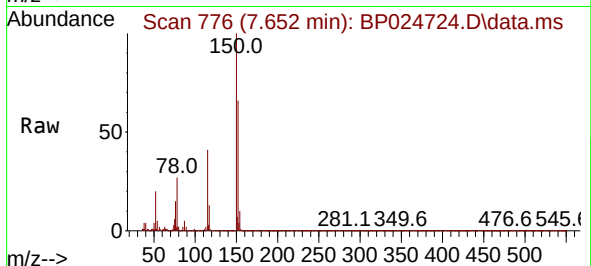




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.652 min Scan# 778  
Delta R.T. -0.011 min  
Lab File: BP024724.D  
Acq: 21 May 2025 03:30

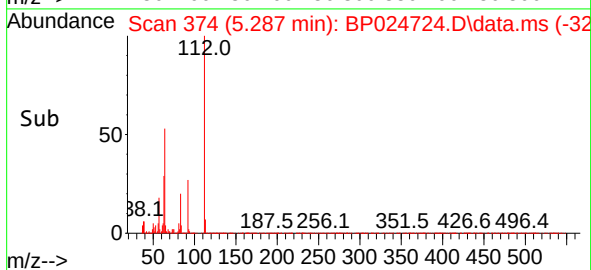
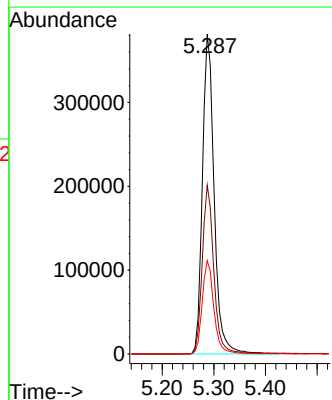
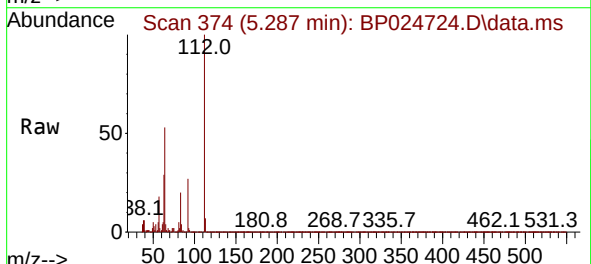
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-25-050725

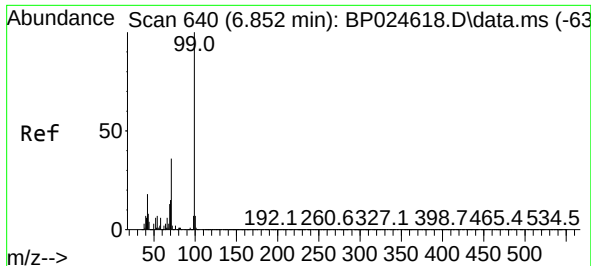
Tgt Ion:152 Resp: 128618  
Ion Ratio Lower Upper  
152 100  
150 152.3 125.9 188.9  
115 62.2 50.1 75.1



#5  
2-Fluorophenol  
Concen: 80.010 ng  
RT: 5.287 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: BP024724.D  
Acq: 21 May 2025 03:30

Tgt Ion:112 Resp: 601664  
Ion Ratio Lower Upper  
112 100  
64 52.8 44.1 66.1  
63 29.2 23.5 35.3

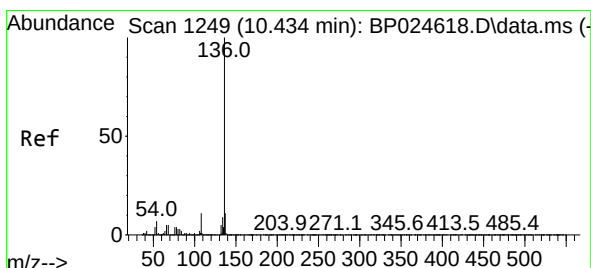
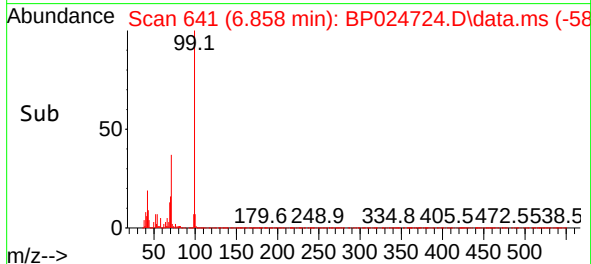
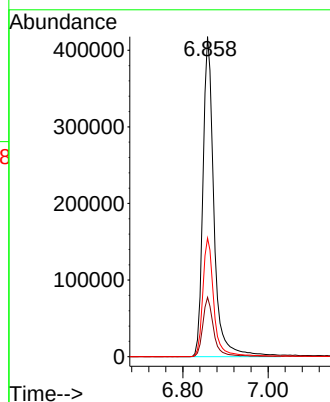
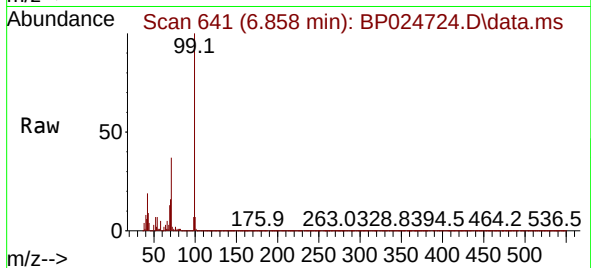




#7  
Phenol-d6  
Concen: 78.273 ng  
RT: 6.858 min Scan# 64  
Delta R.T. 0.006 min  
Lab File: BP024724.D  
Acq: 21 May 2025 03:30

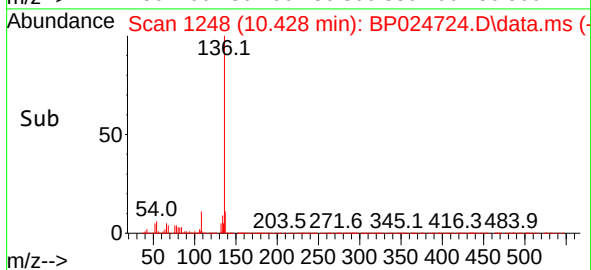
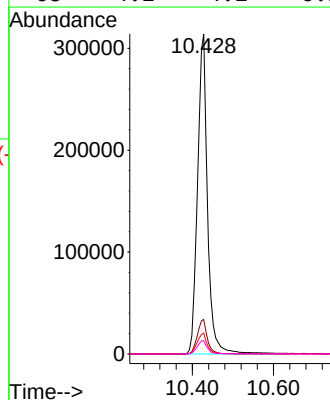
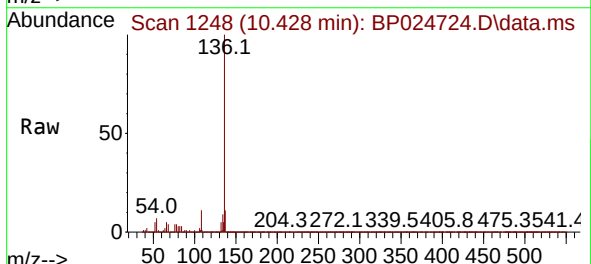
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-25-050725

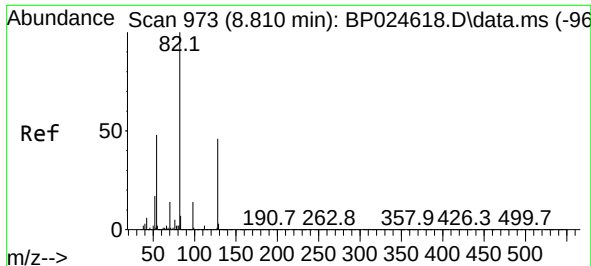
Tgt Ion: 99 Resp: 751217  
Ion Ratio Lower Upper  
99 100  
42 18.5 14.4 21.6  
71 37.1 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.428 min Scan# 1248  
Delta R.T. -0.006 min  
Lab File: BP024724.D  
Acq: 21 May 2025 03:30

Tgt Ion: 136 Resp: 540121  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 6.5 5.5 8.3  
68 4.2 4.2 6.2

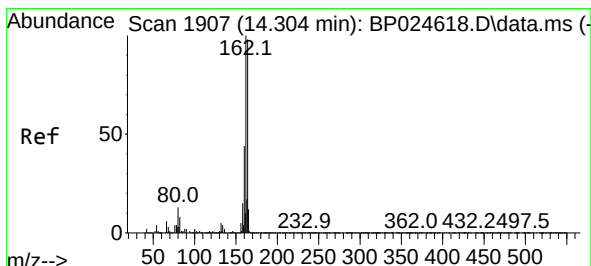
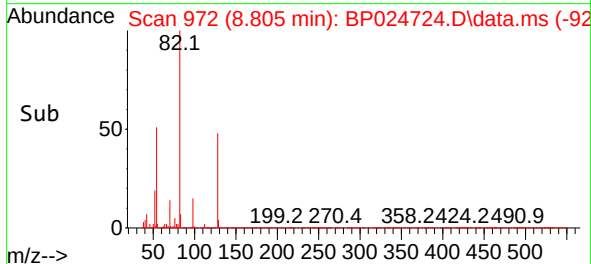
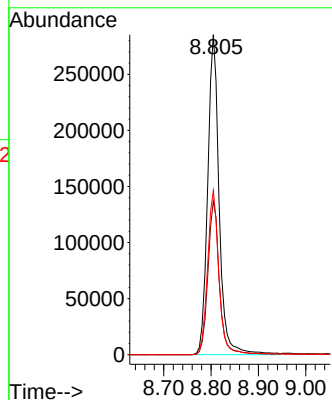
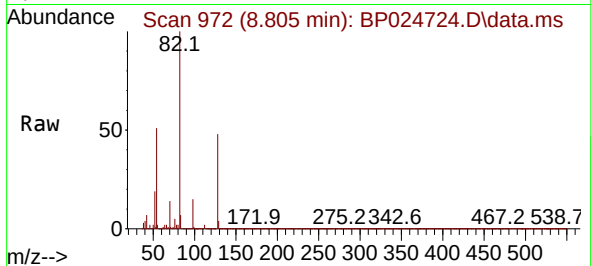




#23  
Nitrobenzene-d5  
Concen: 44.898 ng  
RT: 8.805 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024724.D  
Acq: 21 May 2025 03:30

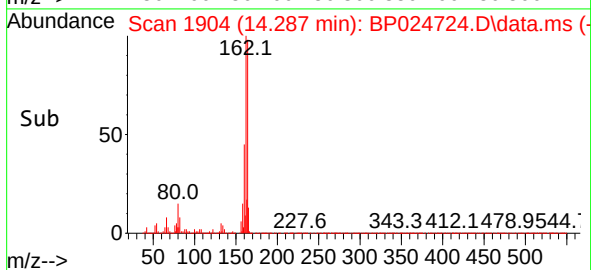
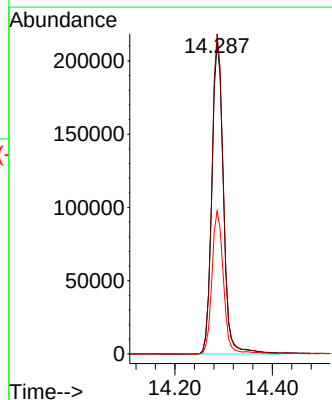
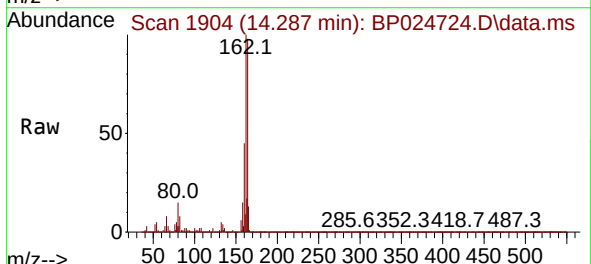
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-25-050725

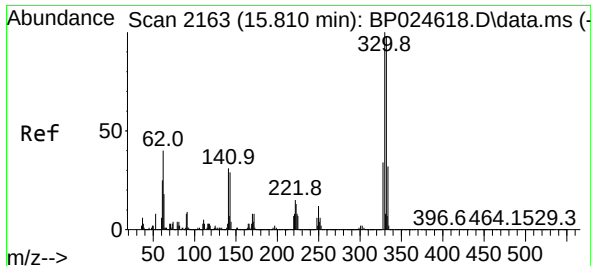
Tgt Ion: 82 Resp: 479958  
Ion Ratio Lower Upper  
82 100  
128 48.0 37.0 55.4  
54 51.3 38.7 58.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.287 min Scan# 1904  
Delta R.T. -0.018 min  
Lab File: BP024724.D  
Acq: 21 May 2025 03:30

Tgt Ion: 164 Resp: 348817  
Ion Ratio Lower Upper  
164 100  
162 102.6 81.8 122.6  
160 45.8 36.3 54.5

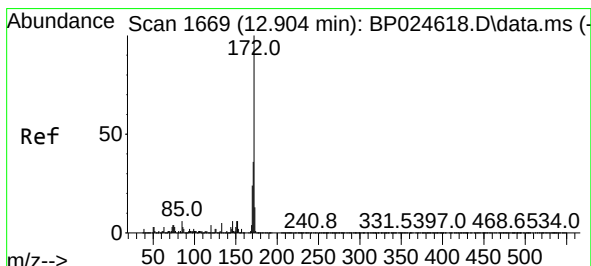
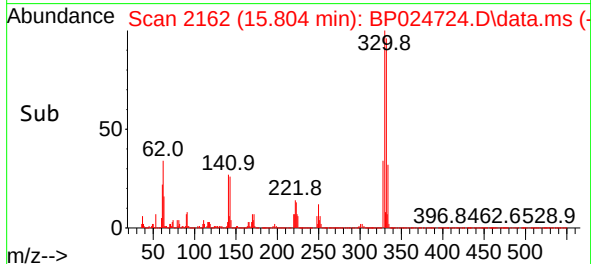
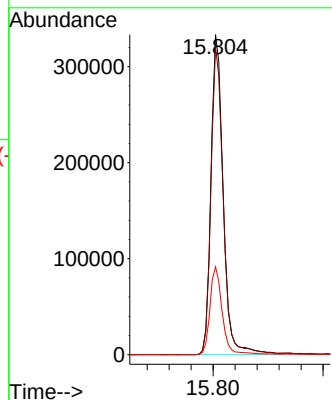
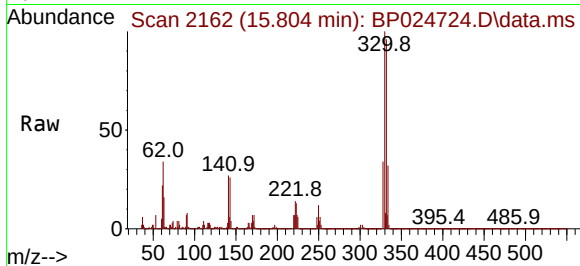




#42  
2,4,6-Tribromophenol  
Concen: 87.213 ng  
RT: 15.804 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: BP024724.D  
Acq: 21 May 2025 03:30

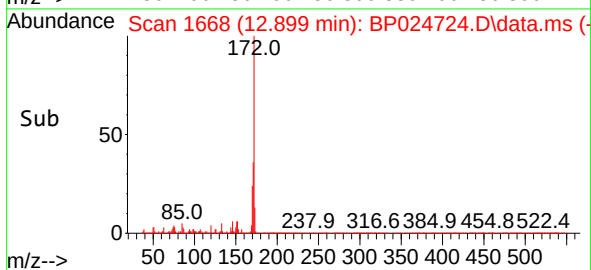
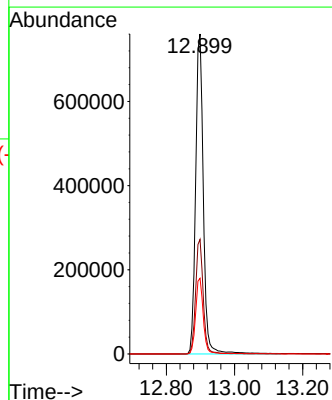
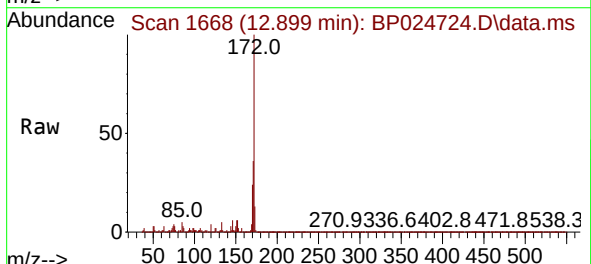
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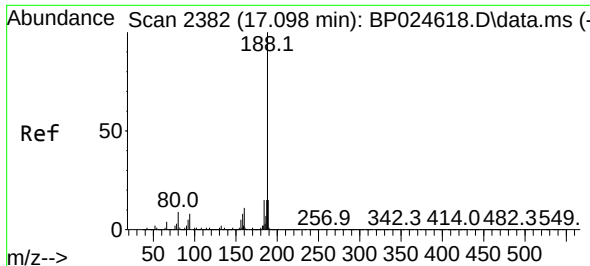
Tgt Ion:330 Resp: 515728  
Ion Ratio Lower Upper  
330 100  
332 97.6 78.2 117.4  
141 27.5 24.3 36.5



#45  
2-Fluorobiphenyl  
Concen: 44.917 ng  
RT: 12.899 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: BP024724.D  
Acq: 21 May 2025 03:30

Tgt Ion:172 Resp: 1195907  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.8 43.2  
170 23.7 18.8 28.2

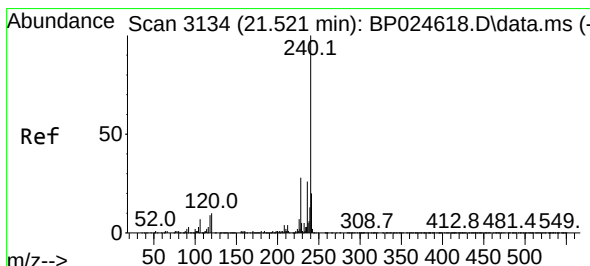
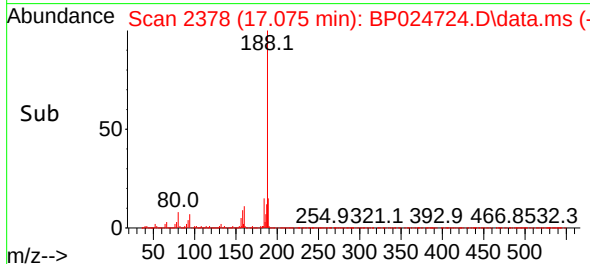
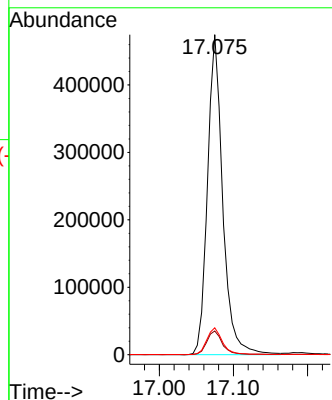
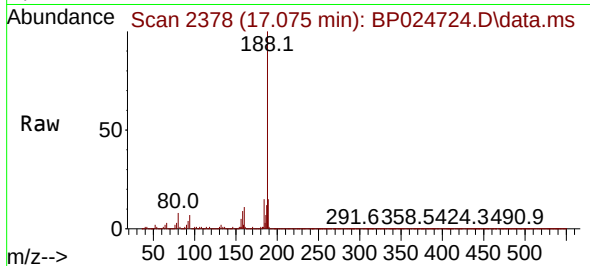




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.075 min Scan# 21  
Delta R.T. -0.023 min  
Lab File: BP024724.D  
Acq: 21 May 2025 03:30

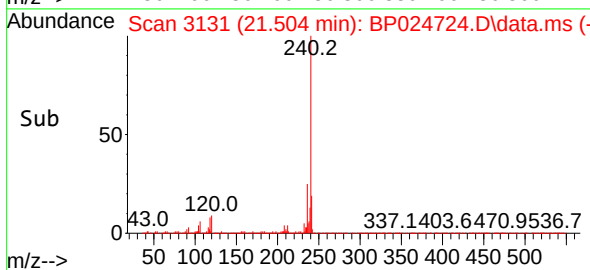
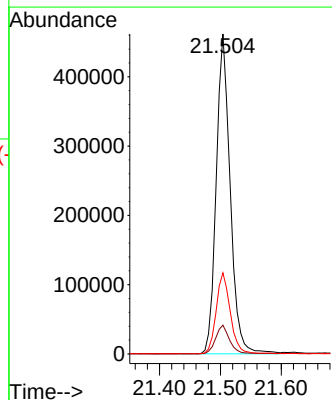
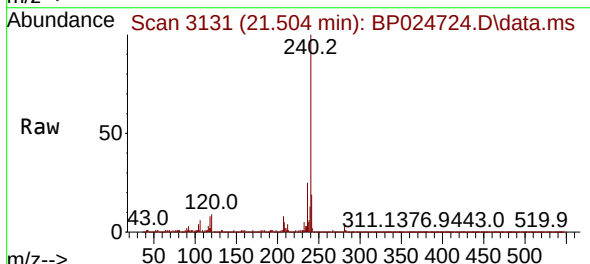
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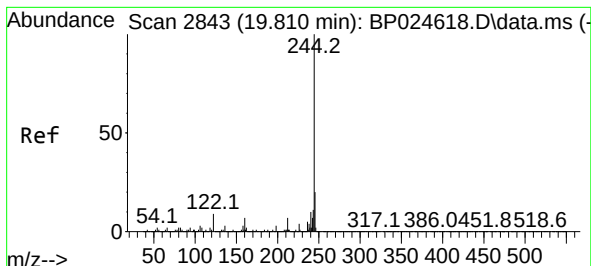
Tgt Ion:188 Resp: 677955  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.5 9.7  
80 8.4 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.504 min Scan# 3131  
Delta R.T. -0.017 min  
Lab File: BP024724.D  
Acq: 21 May 2025 03:30

Tgt Ion:240 Resp: 735784  
Ion Ratio Lower Upper  
240 100  
120 9.0 7.8 11.6  
236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 42.825 ng

RT: 19.798 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024724.D

Acq: 21 May 2025 03:30

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-25-050725

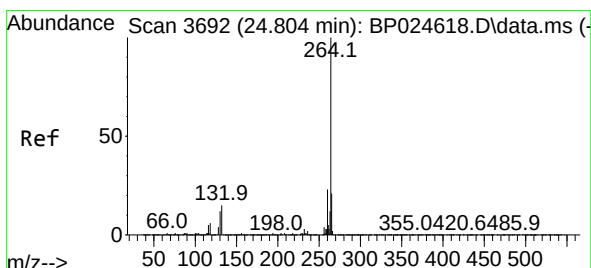
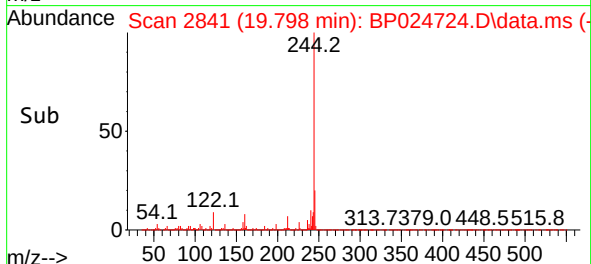
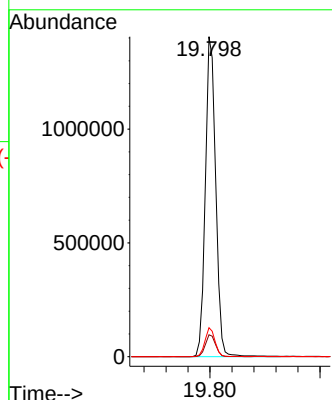
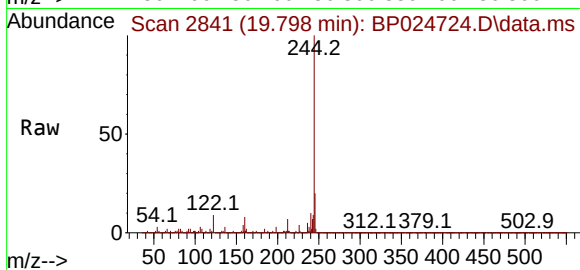
Tgt Ion:244 Resp: 1837626

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.1 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.780 min Scan# 3688

Delta R.T. -0.023 min

Lab File: BP024724.D

Acq: 21 May 2025 03:30

Tgt Ion:264 Resp: 906701

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.9 17.0 25.6

