

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061125\  
 Data File : BP024906.D  
 Acq On : 11 Jun 2025 10:50  
 Operator : RC/JU  
 Sample : PB168300BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168300BL

Quant Time: Jun 11 11:13:07 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 06 16:20:27 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.614  | 152  | 253698   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.384 | 136  | 948256   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.254 | 164  | 596004   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.066 | 188  | 1216143  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.489 | 240  | 1397582  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.748 | 264  | 1605439  | 20.000  | ng    | 0.03     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.243  | 112  | 2039524  | 134.190 | ng    | 0.00     |
| 7) Phenol-d6                | 6.819  | 99   | 2520708  | 125.349 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.766  | 82   | 1544165  | 79.130  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.778 | 330  | 1154951  | 140.163 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.860 | 172  | 3390280  | 76.629  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.783 | 244  | 6166701  | 79.081  | ng    | -0.01    |

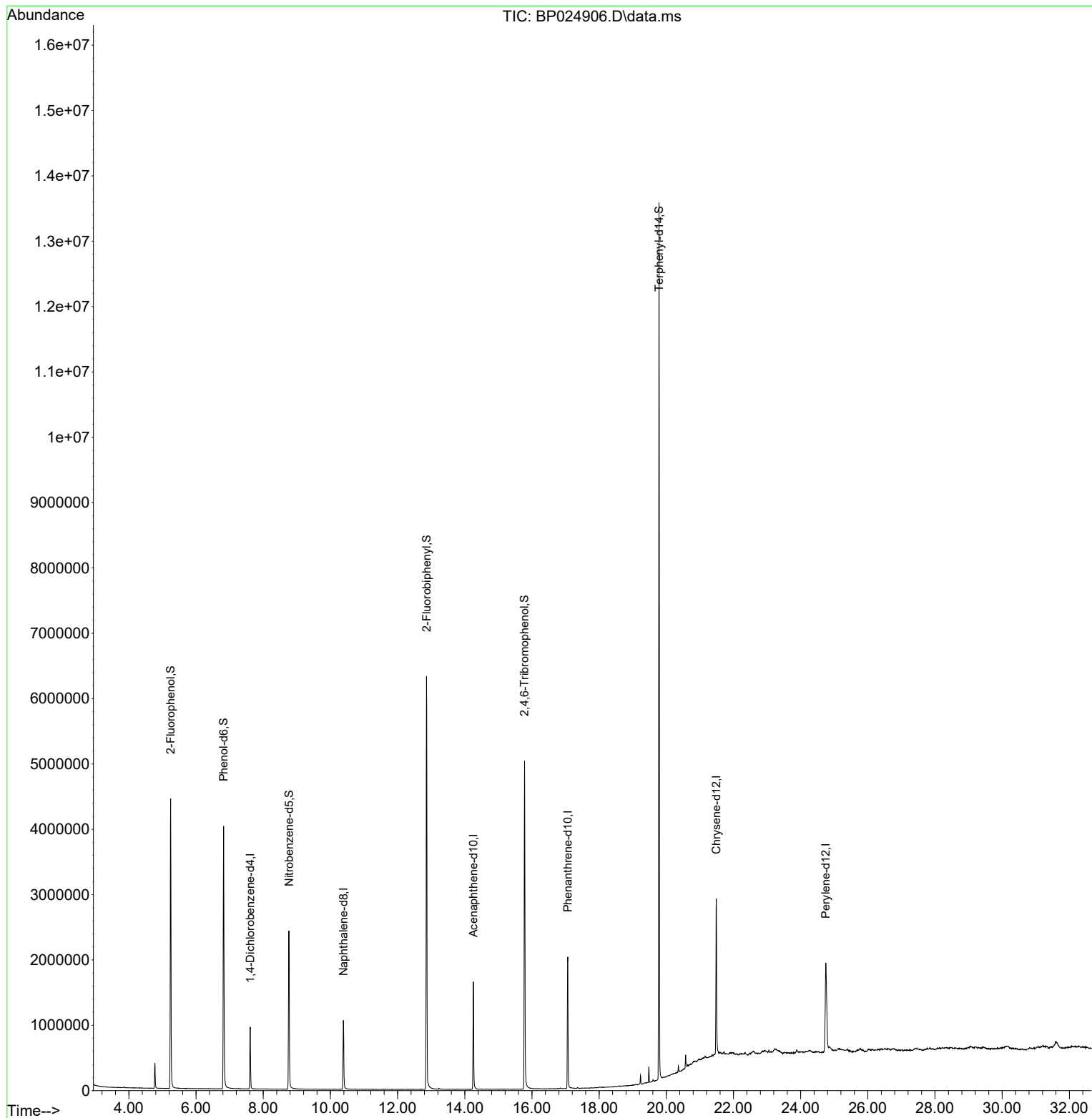
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

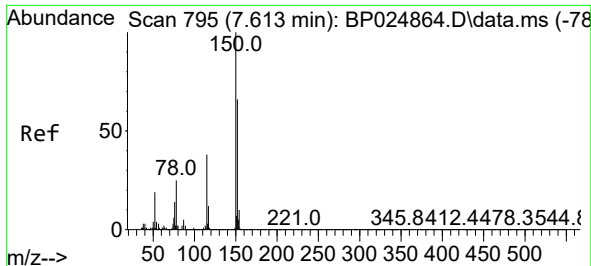
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061125\  
Data File : BP024906.D  
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Operator : RC/JU  
Sample : PB168300BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BL

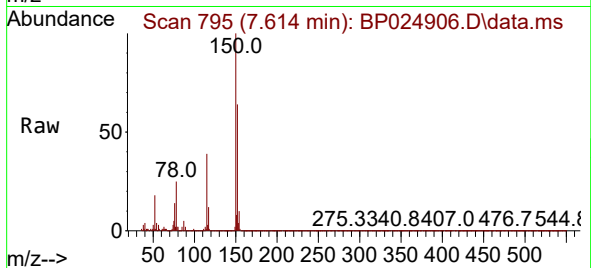
Quant Time: Jun 11 11:13:07 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 06 16:20:27 2025  
Response via : Initial Calibration



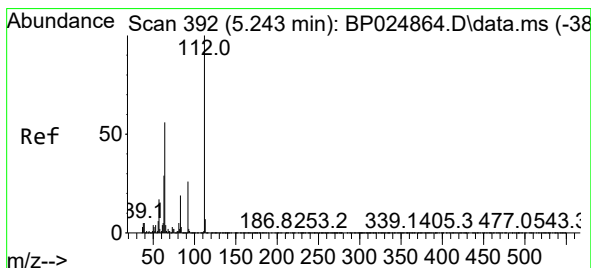
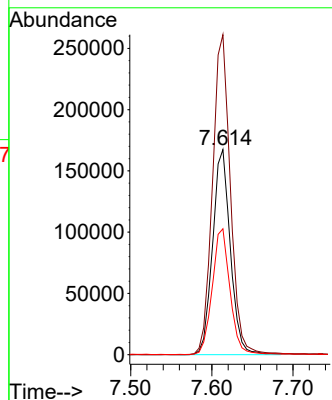
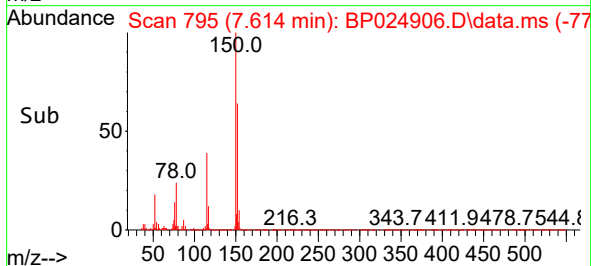


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.614 min Scan# 795  
Delta R.T. 0.001 min  
Lab File: BP024906.D  
Acq: 11 Jun 2025 10:50

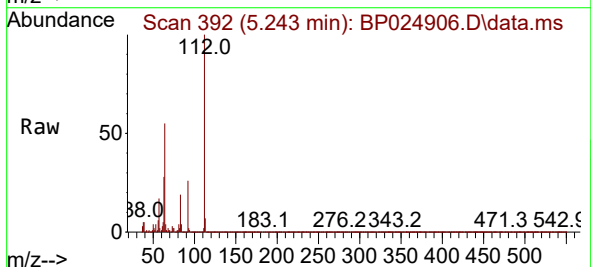
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BL



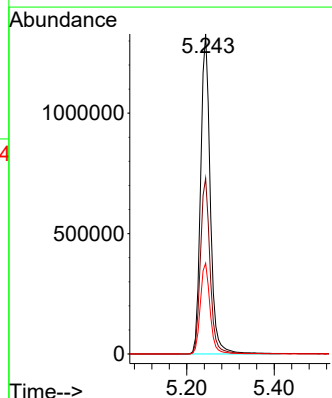
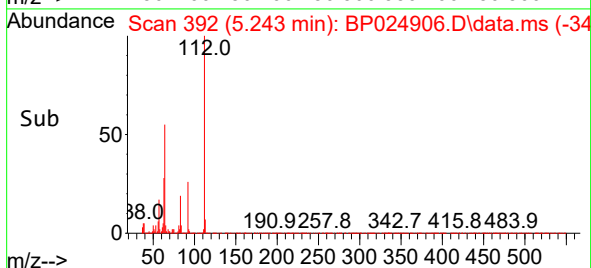
Tgt Ion:152 Resp: 253698  
Ion Ratio Lower Upper  
152 100  
150 155.9 122.1 183.1  
115 61.4 46.4 69.6



#5  
2-Fluorophenol  
Concen: 134.190 ng  
RT: 5.243 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: BP024906.D  
Acq: 11 Jun 2025 10:50



Tgt Ion:112 Resp: 2039524  
Ion Ratio Lower Upper  
112 100  
64 54.9 44.7 67.1  
63 28.4 23.5 35.3

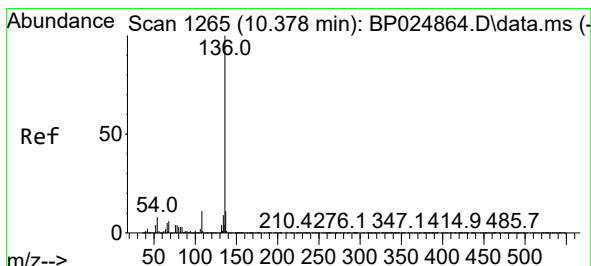
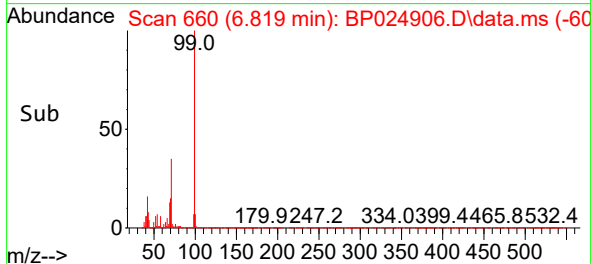
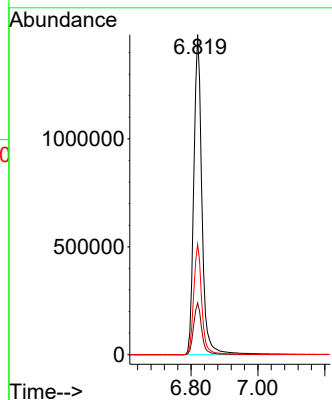
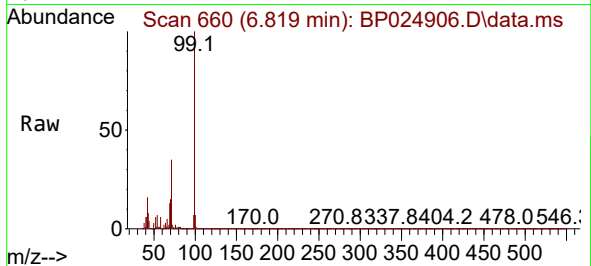




#7  
Phenol-d6  
Concen: 125.349 ng  
RT: 6.819 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BP024906.D  
Acq: 11 Jun 2025 10:50

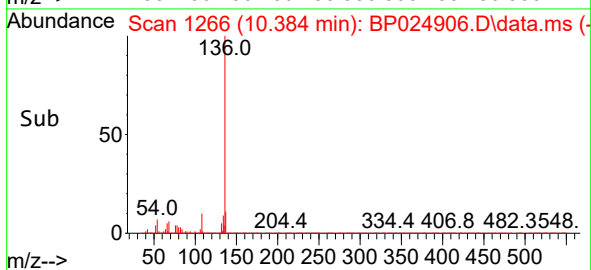
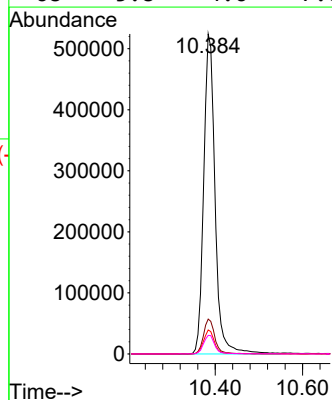
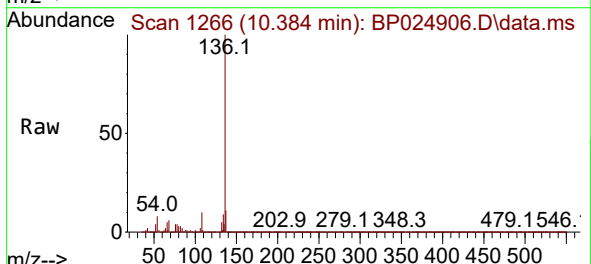
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BL

Tgt Ion: 99 Resp: 2520708  
Ion Ratio Lower Upper  
99 100  
42 16.2 13.4 20.2  
71 34.5 27.6 41.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.384 min Scan# 1266  
Delta R.T. 0.006 min  
Lab File: BP024906.D  
Acq: 11 Jun 2025 10:50

Tgt Ion: 136 Resp: 948256  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 7.5 6.1 9.1  
68 5.8 4.6 7.0

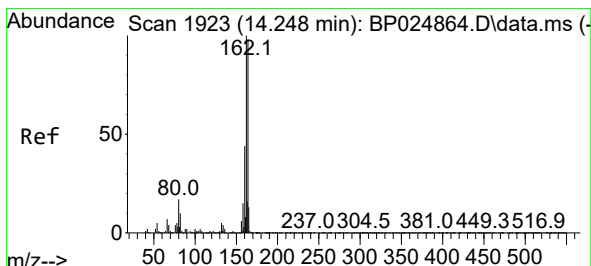
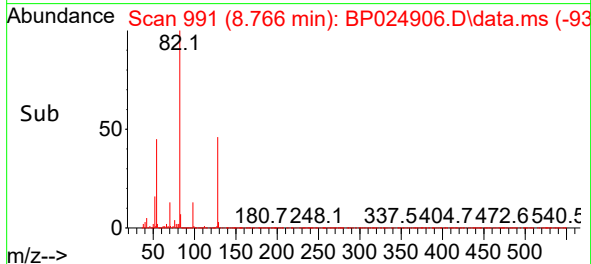
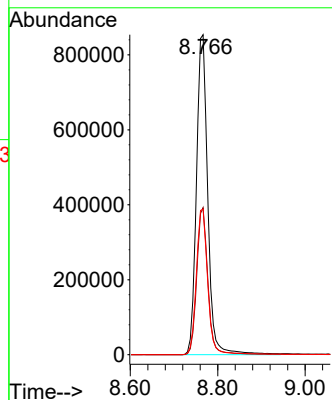
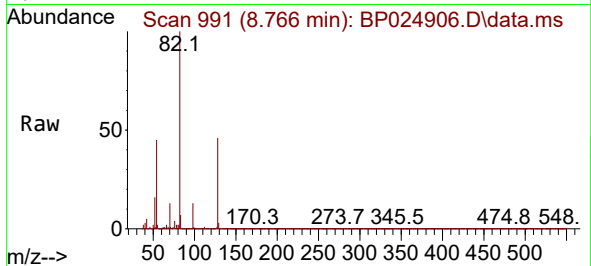




#23  
Nitrobenzene-d5  
Concen: 79.130 ng  
RT: 8.766 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: BP024906.D  
Acq: 11 Jun 2025 10:50

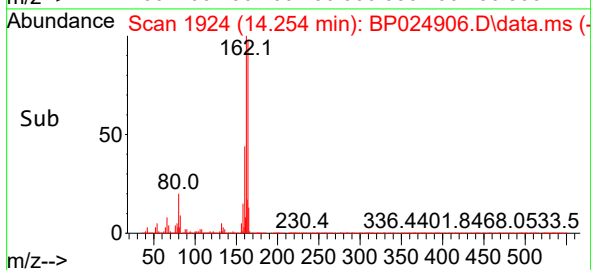
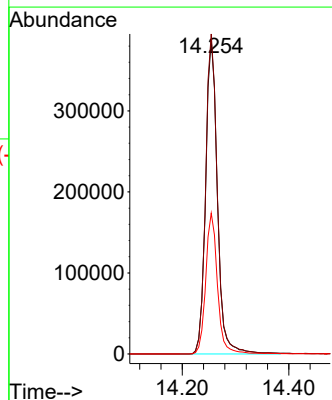
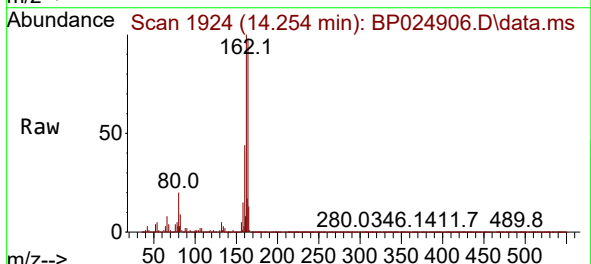
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BL

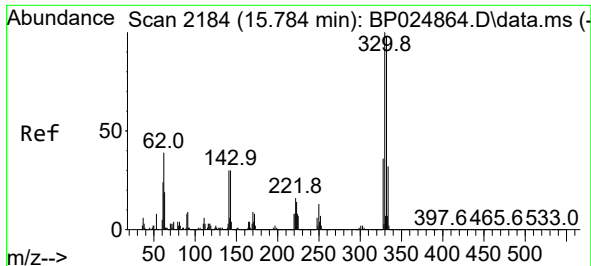
Tgt Ion: 82 Resp: 1544165  
Ion Ratio Lower Upper  
82 100  
128 46.0 35.3 52.9  
54 45.5 37.4 56.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.254 min Scan# 1924  
Delta R.T. 0.006 min  
Lab File: BP024906.D  
Acq: 11 Jun 2025 10:50

Tgt Ion:164 Resp: 596004  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.6 122.4  
160 44.7 36.2 54.2

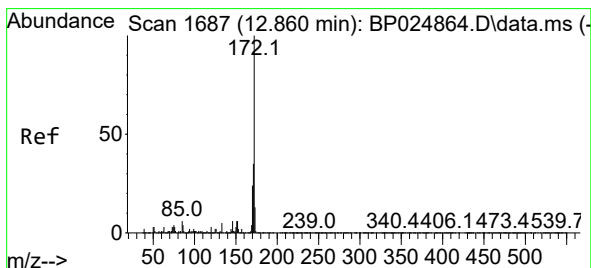
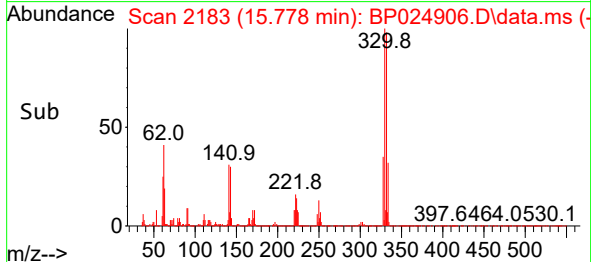
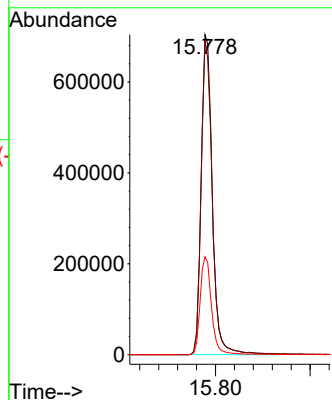
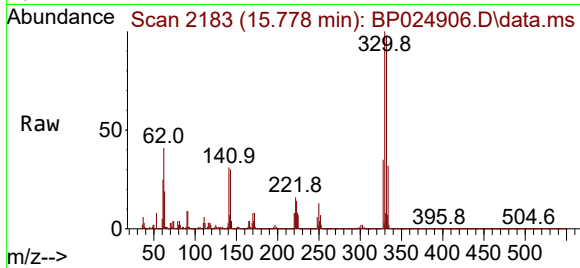




#42  
2,4,6-Tribromophenol  
Concen: 140.163 ng  
RT: 15.778 min Scan# 2184  
Delta R.T. -0.006 min  
Lab File: BP024906.D  
Acq: 11 Jun 2025 10:50

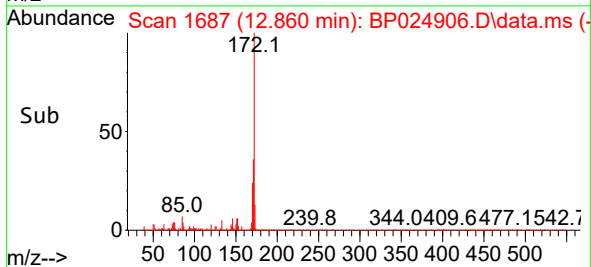
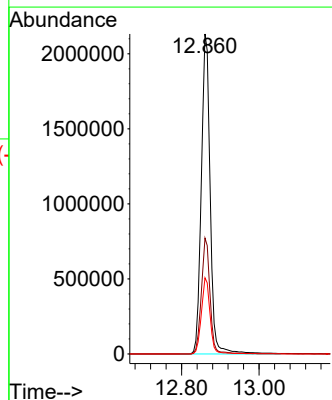
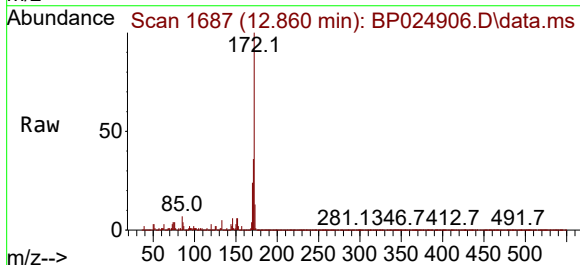
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ClientSampleId :  
PB168300BL

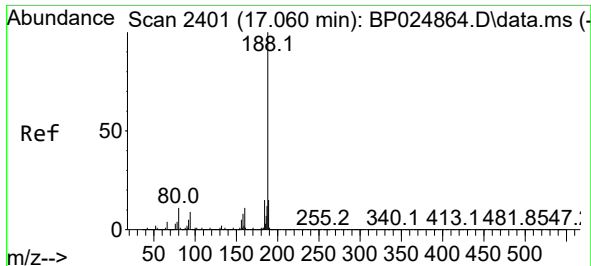
Tgt Ion:330 Resp: 1154951  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.7 116.5  
141 31.0 26.4 39.6



#45  
2-Fluorobiphenyl  
Concen: 76.629 ng  
RT: 12.860 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: BP024906.D  
Acq: 11 Jun 2025 10:50

Tgt Ion:172 Resp: 3390280  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.3 42.5  
170 23.8 19.0 28.4

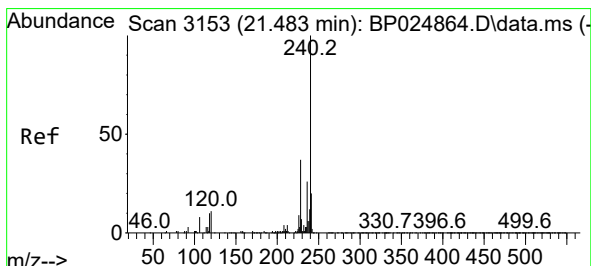
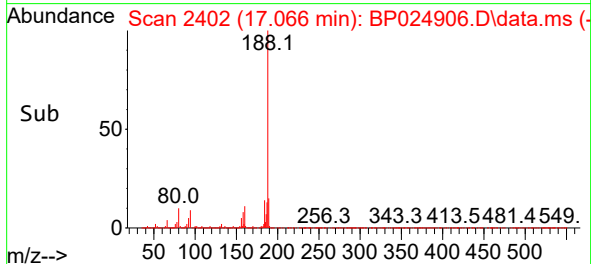
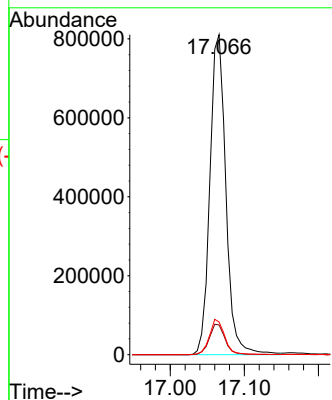
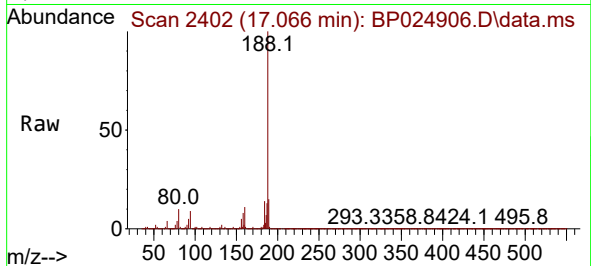




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.066 min Scan# 2401  
Delta R.T. 0.006 min  
Lab File: BP024906.D  
Acq: 11 Jun 2025 10:50

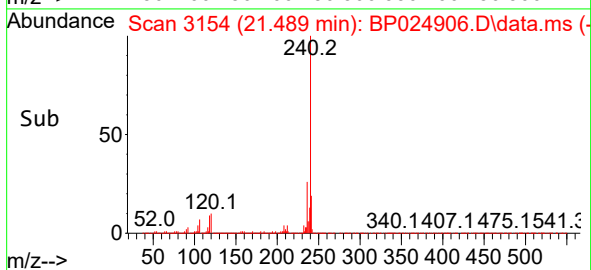
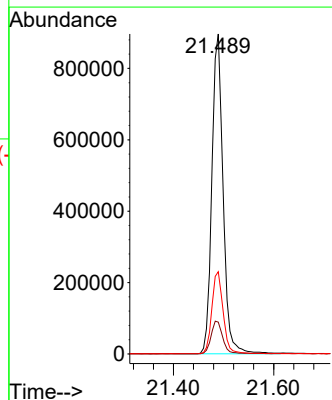
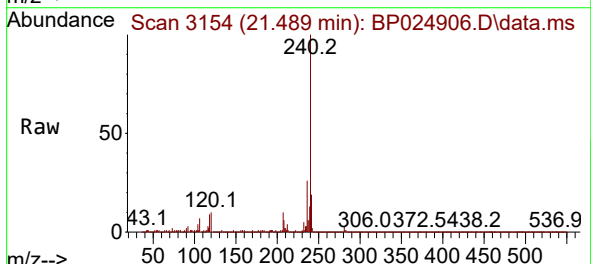
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BL

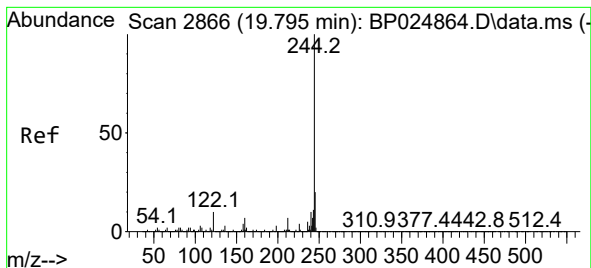
Tgt Ion:188 Resp: 1216143  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.3 10.9  
80 10.2 8.5 12.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.489 min Scan# 3154  
Delta R.T. 0.006 min  
Lab File: BP024906.D  
Acq: 11 Jun 2025 10:50

Tgt Ion:240 Resp: 1397582  
Ion Ratio Lower Upper  
240 100  
120 9.9 8.9 13.3  
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 79.081 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024906.D

Acq: 11 Jun 2025 10:50

Instrument :

BNA\_P

ClientSampleId :

PB168300BL

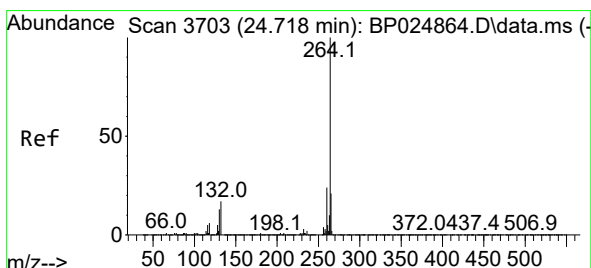
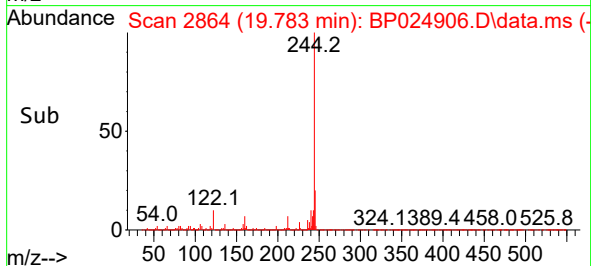
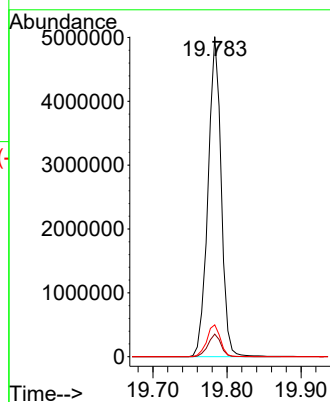
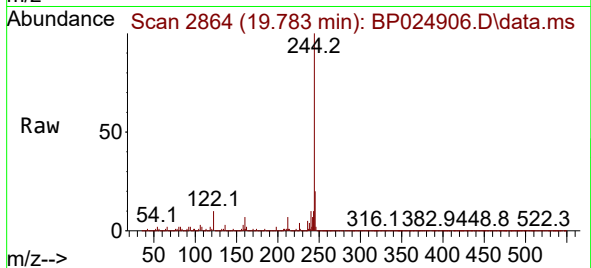
Tgt Ion:244 Resp: 6166701

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.0 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.748 min Scan# 3708

Delta R.T. 0.029 min

Lab File: BP024906.D

Acq: 11 Jun 2025 10:50

Tgt Ion:264 Resp: 1605439

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 22.4 17.4 26.0

