

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052325\  
 Data File : BP024792.D  
 Acq On : 23 May 2025 14:26  
 Operator : RC/JU  
 Sample : Q2097-18  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RT-3888

Quant Time: May 23 14:44:43 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  | 88808    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.422 | 136  | 328657   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.287 | 164  | 197627   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.081 | 188  | 417599   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.510 | 240  | 552107   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 24.798 | 264  | 683750   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.281  | 112  | 619606   | 119.331 | ng    | 0.00     |
| 7) Phenol-d6                | 6.852  | 99   | 673219   | 101.590 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.799  | 82   | 474941   | 73.016  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.804 | 330  | 510218   | 152.288 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.887 | 172  | 1114866  | 73.908  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.798 | 244  | 2592486  | 80.516  | ng    | -0.01    |

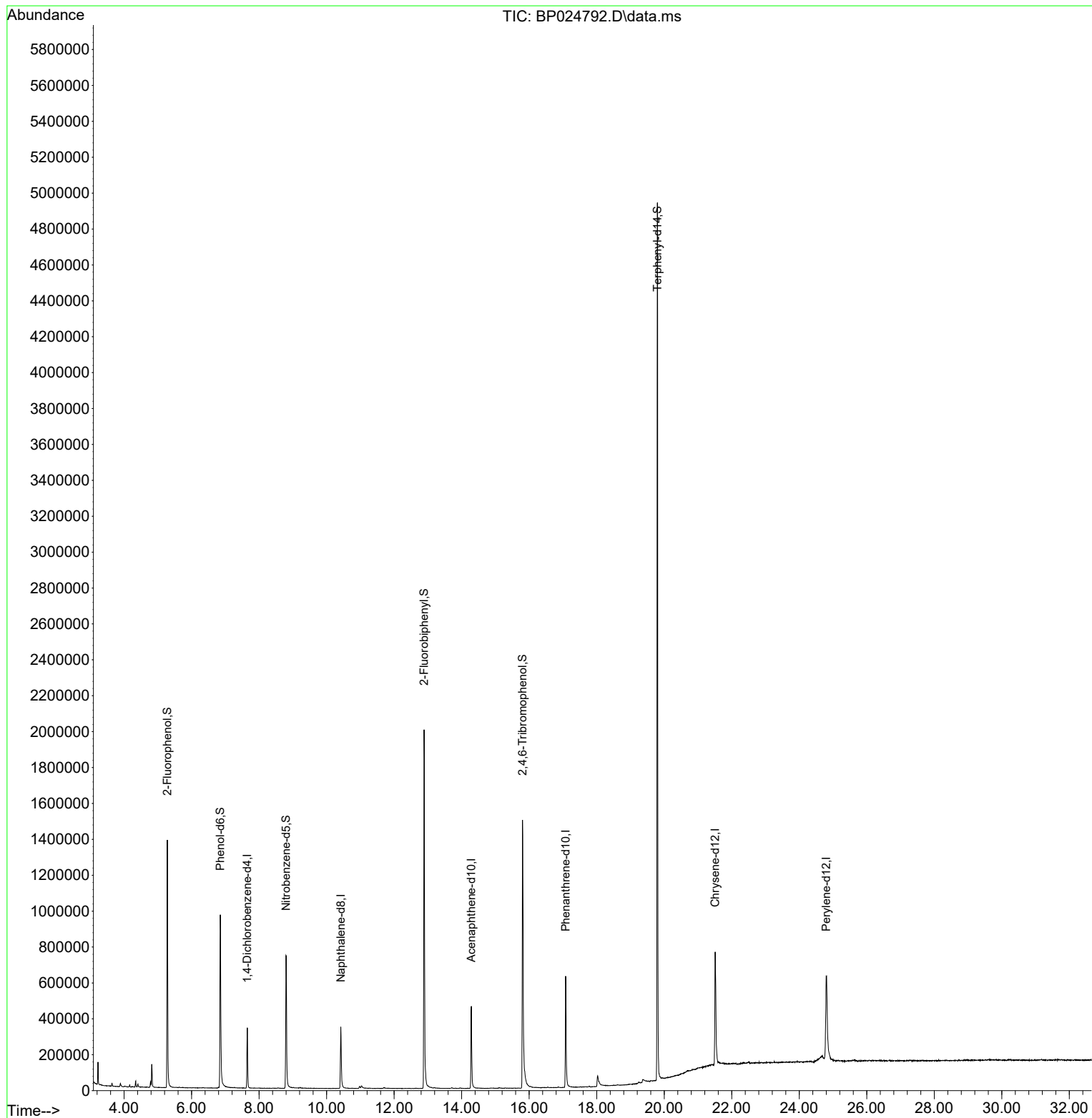
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

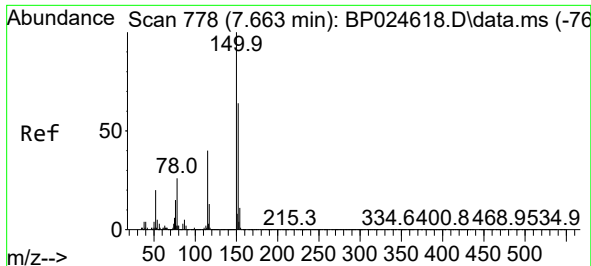
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052325\  
Data File : BP024792.D  
Acq On : 23 May 2025 14:26  
Operator : RC/JU  
Sample : Q2097-18  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RT-3888

Quant Time: May 23 14:44:43 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

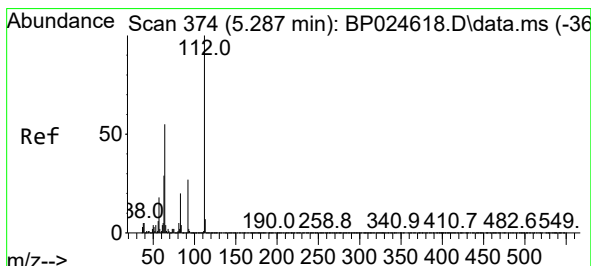
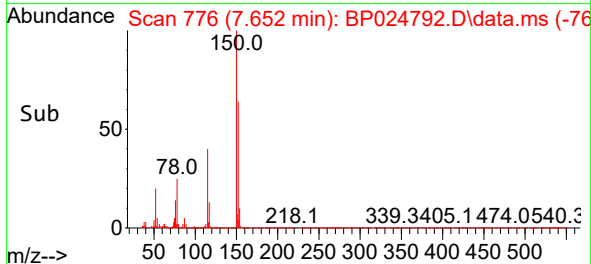
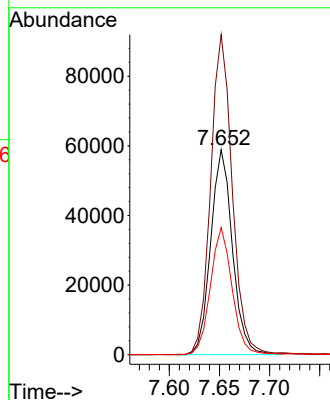
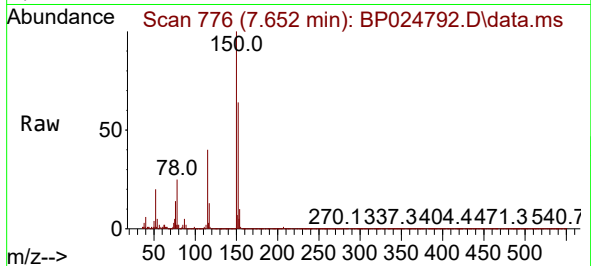




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.652 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BP024792.D  
Acq: 23 May 2025 14:26

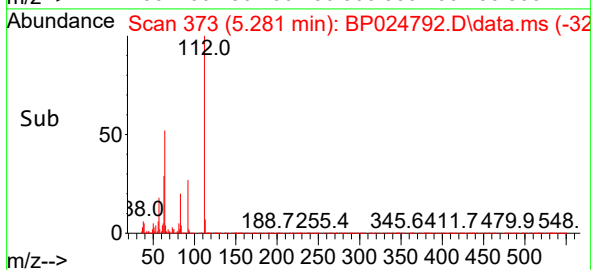
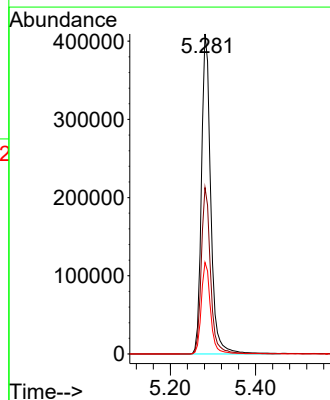
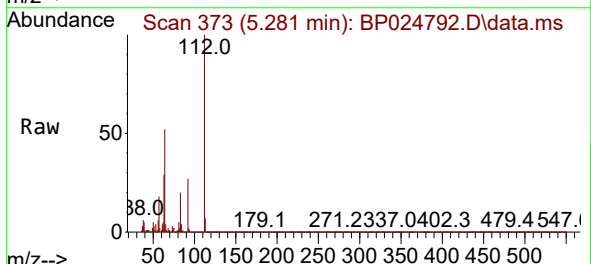
Instrument :  
BNA\_P  
ClientSampleId :  
RT-3888

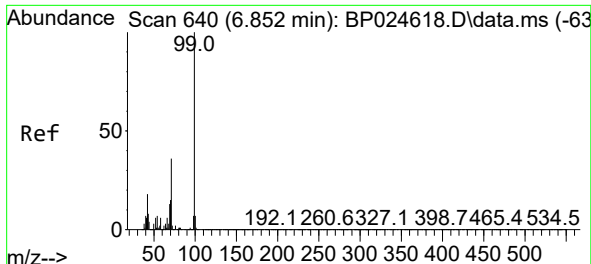
Tgt Ion:152 Resp: 88808  
Ion Ratio Lower Upper  
152 100  
150 156.1 125.9 188.9  
115 62.0 50.1 75.1



#5  
2-Fluorophenol  
Concen: 119.331 ng  
RT: 5.281 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: BP024792.D  
Acq: 23 May 2025 14:26

Tgt Ion:112 Resp: 619606  
Ion Ratio Lower Upper  
112 100  
64 52.0 44.1 66.1  
63 28.6 23.5 35.3

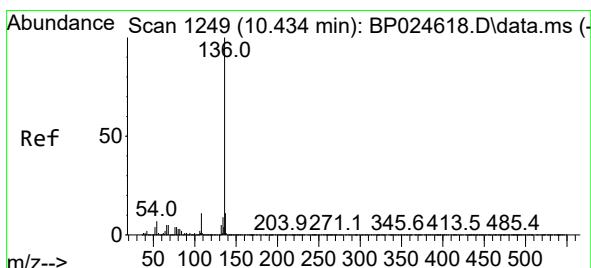
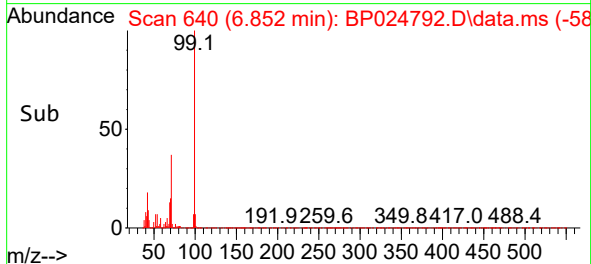
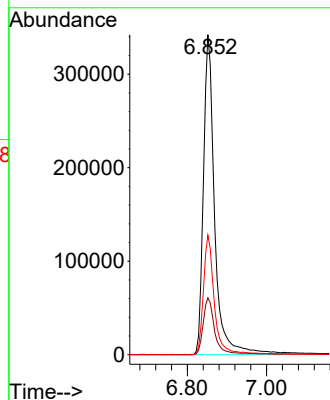
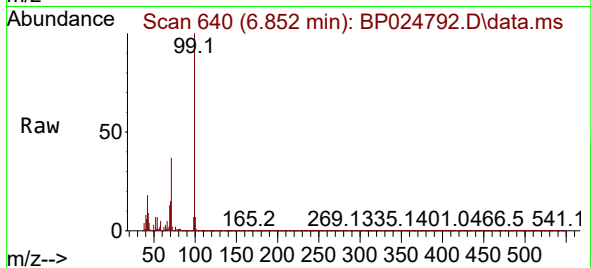




#7  
Phenol-d6  
Concen: 101.590 ng  
RT: 6.852 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: BP024792.D  
Acq: 23 May 2025 14:26

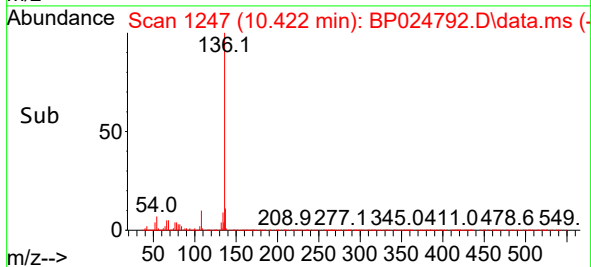
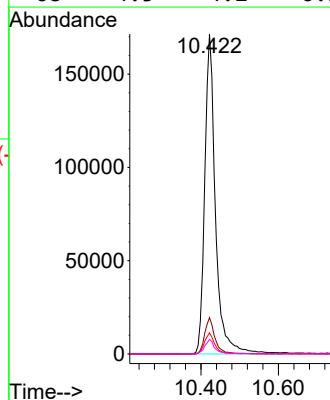
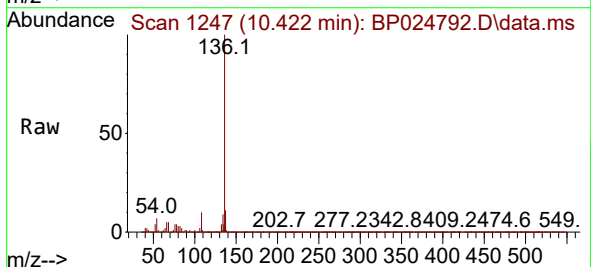
Instrument :  
BNA\_P  
ClientSampleId :  
RT-3888

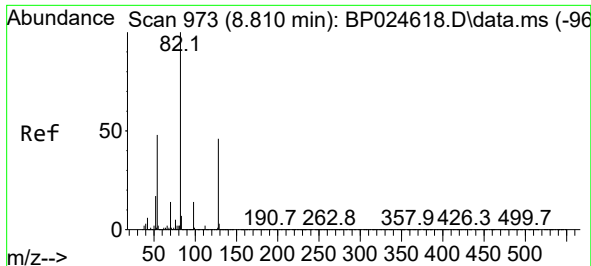
Tgt Ion: 99 Resp: 673219  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.4 21.6  
71 37.4 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.422 min Scan# 1247  
Delta R.T. -0.012 min  
Lab File: BP024792.D  
Acq: 23 May 2025 14:26

Tgt Ion:136 Resp: 328657  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.8 13.2  
54 6.6 5.5 8.3  
68 4.5 4.2 6.2

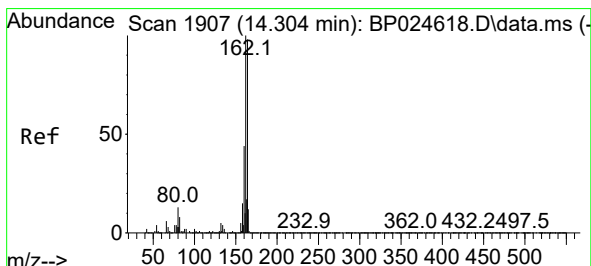
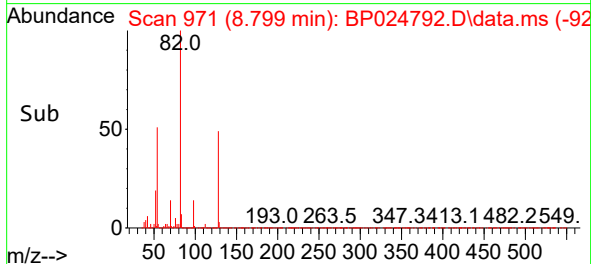
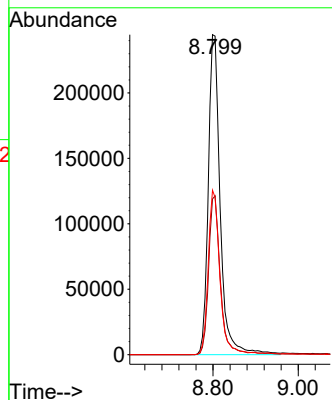
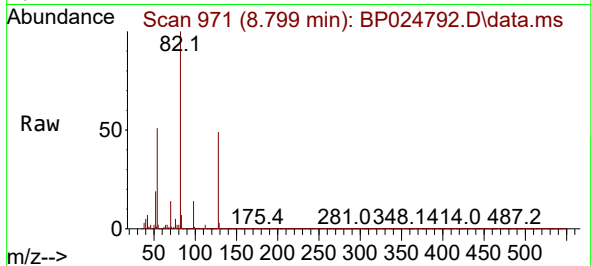




#23  
Nitrobenzene-d5  
Concen: 73.016 ng  
RT: 8.799 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP024792.D  
Acq: 23 May 2025 14:26

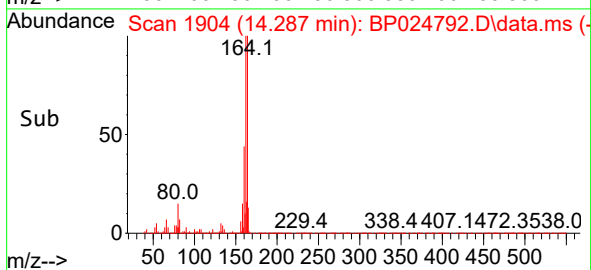
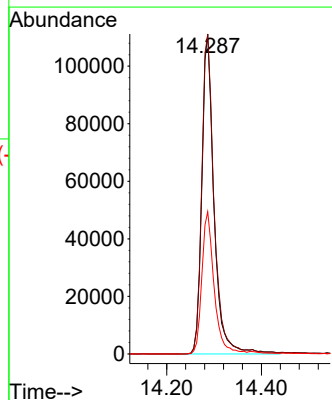
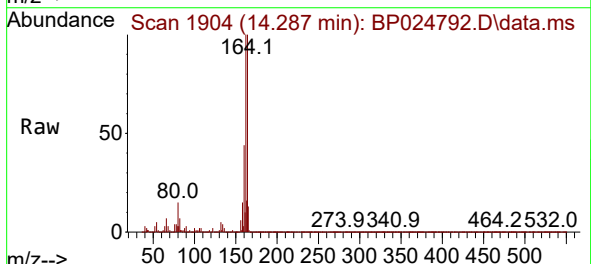
Instrument :  
BNA\_P  
ClientSampleId :  
RT-3888

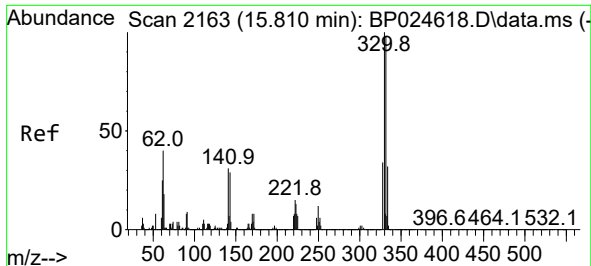
Tgt Ion: 82 Resp: 474941  
Ion Ratio Lower Upper  
82 100  
128 48.7 37.0 55.4  
54 51.4 38.7 58.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.287 min Scan# 1904  
Delta R.T. -0.018 min  
Lab File: BP024792.D  
Acq: 23 May 2025 14:26

Tgt Ion: 164 Resp: 197627  
Ion Ratio Lower Upper  
164 100  
162 99.9 81.8 122.6  
160 44.4 36.3 54.5

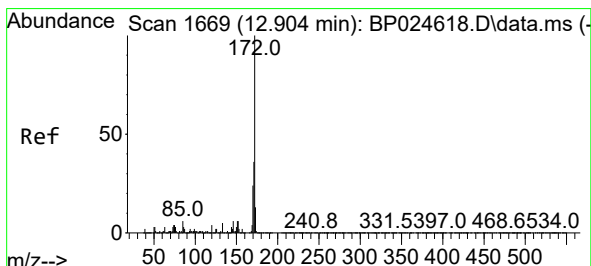
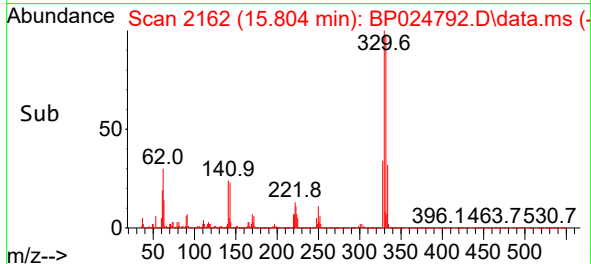
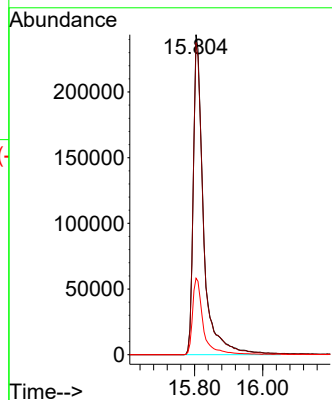
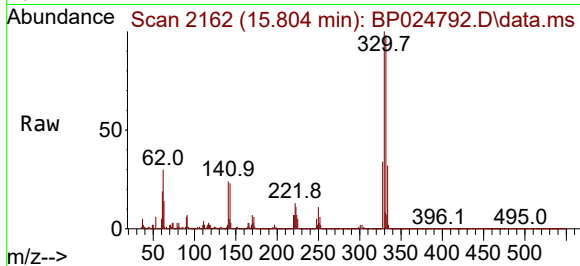




#42  
2,4,6-Tribromophenol  
Concen: 152.288 ng  
RT: 15.804 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: BP024792.D  
Acq: 23 May 2025 14:26

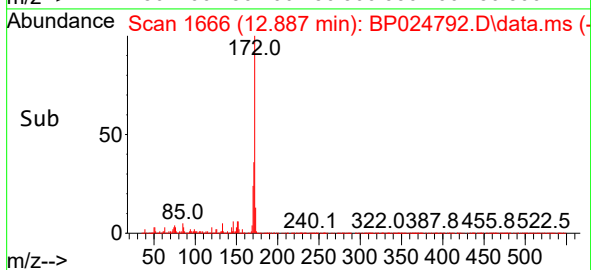
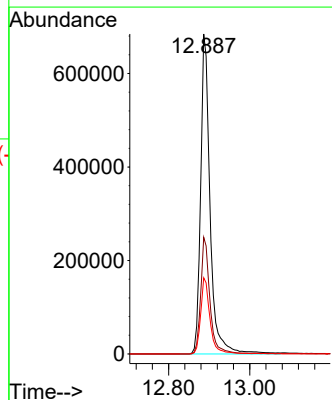
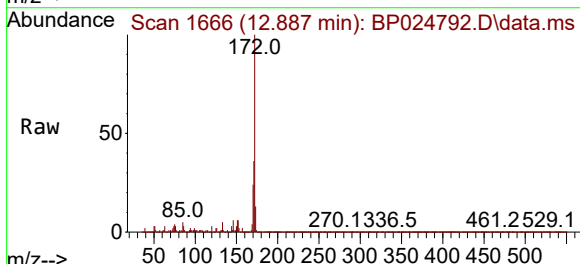
Instrument :  
BNA\_P  
ClientSampleId :  
RT-3888

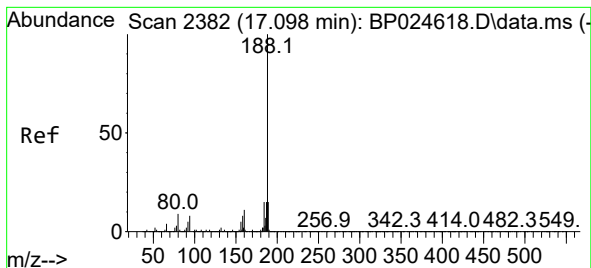
Tgt Ion:330 Resp: 510218  
Ion Ratio Lower Upper  
330 100  
332 98.4 78.2 117.4  
141 24.8 24.3 36.5



#45  
2-Fluorobiphenyl  
Concen: 73.908 ng  
RT: 12.887 min Scan# 1666  
Delta R.T. -0.018 min  
Lab File: BP024792.D  
Acq: 23 May 2025 14:26

Tgt Ion:172 Resp: 1114866  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.8 43.2  
170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.081 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024792.D

Acq: 23 May 2025 14:26

Instrument :

BNA\_P

ClientSampleId :

RT-3888

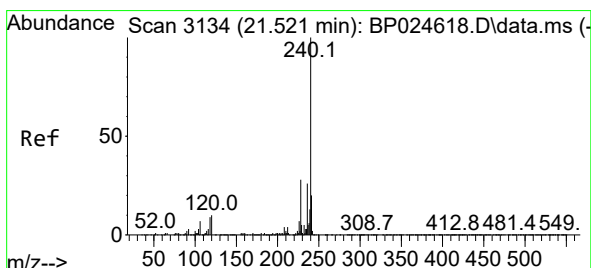
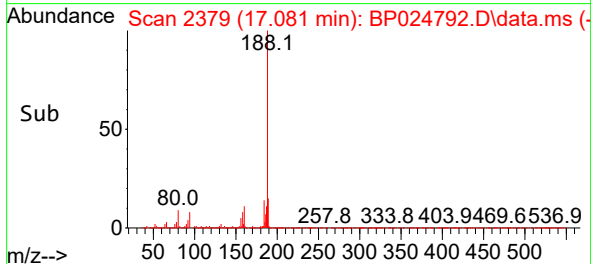
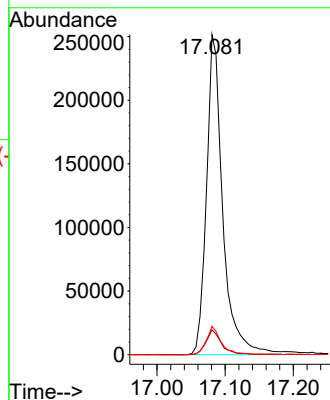
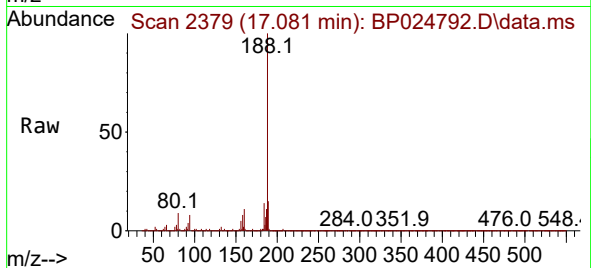
Tgt Ion:188 Resp: 417599

Ion Ratio Lower Upper

188 100

94 7.8 6.5 9.7

80 8.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP024792.D

Acq: 23 May 2025 14:26

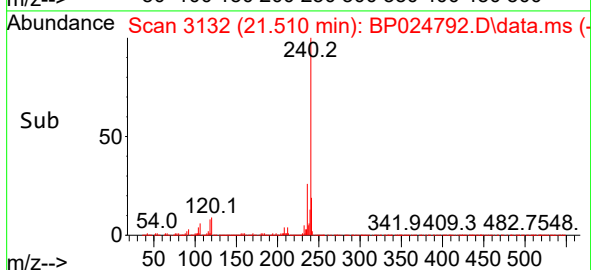
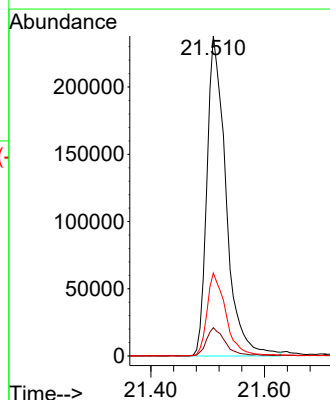
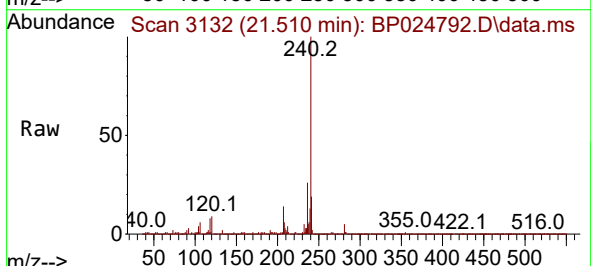
Tgt Ion:240 Resp: 552107

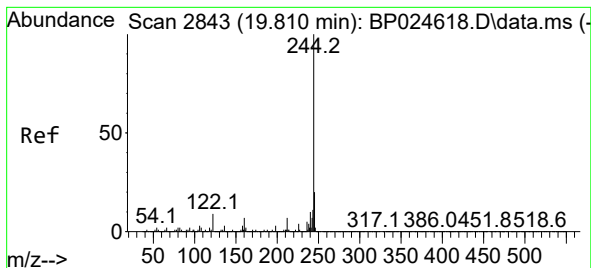
Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 80.516 ng

RT: 19.798 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024792.D

Acq: 23 May 2025 14:26

Instrument :

BNA\_P

ClientSampleId :

RT-3888

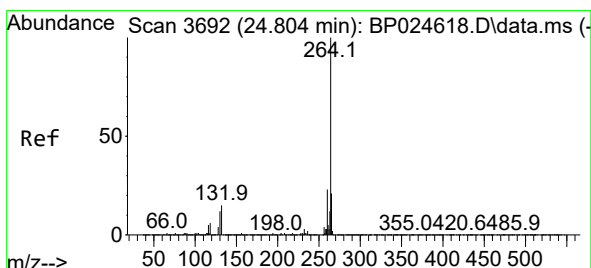
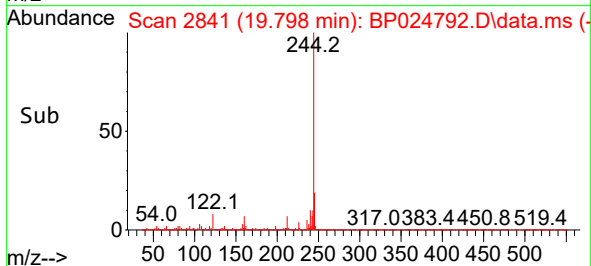
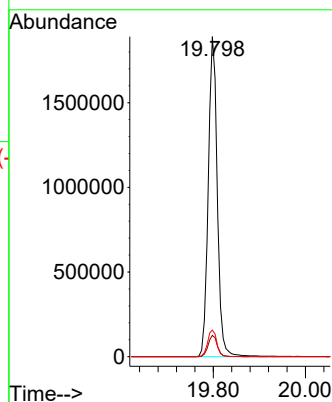
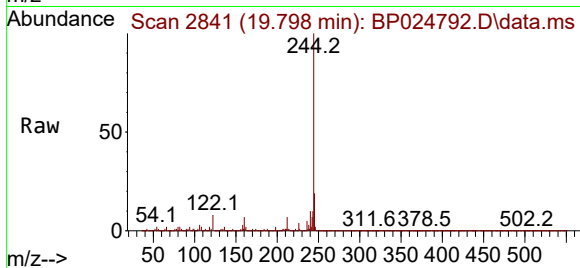
Tgt Ion:244 Resp: 2592486

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.3 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3691

Delta R.T. -0.006 min

Lab File: BP024792.D

Acq: 23 May 2025 14:26

Tgt Ion:264 Resp: 683750

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.0 17.0 25.6

