

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041025\  
 Data File : BP024247.D  
 Acq On : 10 Apr 2025 11:08  
 Operator : RC/JU  
 Sample : PB167537TB  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167537TB

Quant Time: Apr 10 12:00:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 10 11:43:37 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.752  | 152  | 279125   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.528 | 136  | 1128403  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.381 | 164  | 717732   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.186 | 188  | 1399725  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.622 | 240  | 1389938  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 25.004 | 264  | 1515025  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.369  | 112  | 2687515  | 153.696 | ng    | 0.01     |
| 7) Phenol-d6                | 6.934  | 99   | 3394742  | 145.178 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.899  | 82   | 1971611  | 98.582  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.904 | 330  | 1470933  | 162.700 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.998 | 172  | 4575950  | 94.009  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.904 | 244  | 7041298  | 104.572 | ng    | -0.01    |

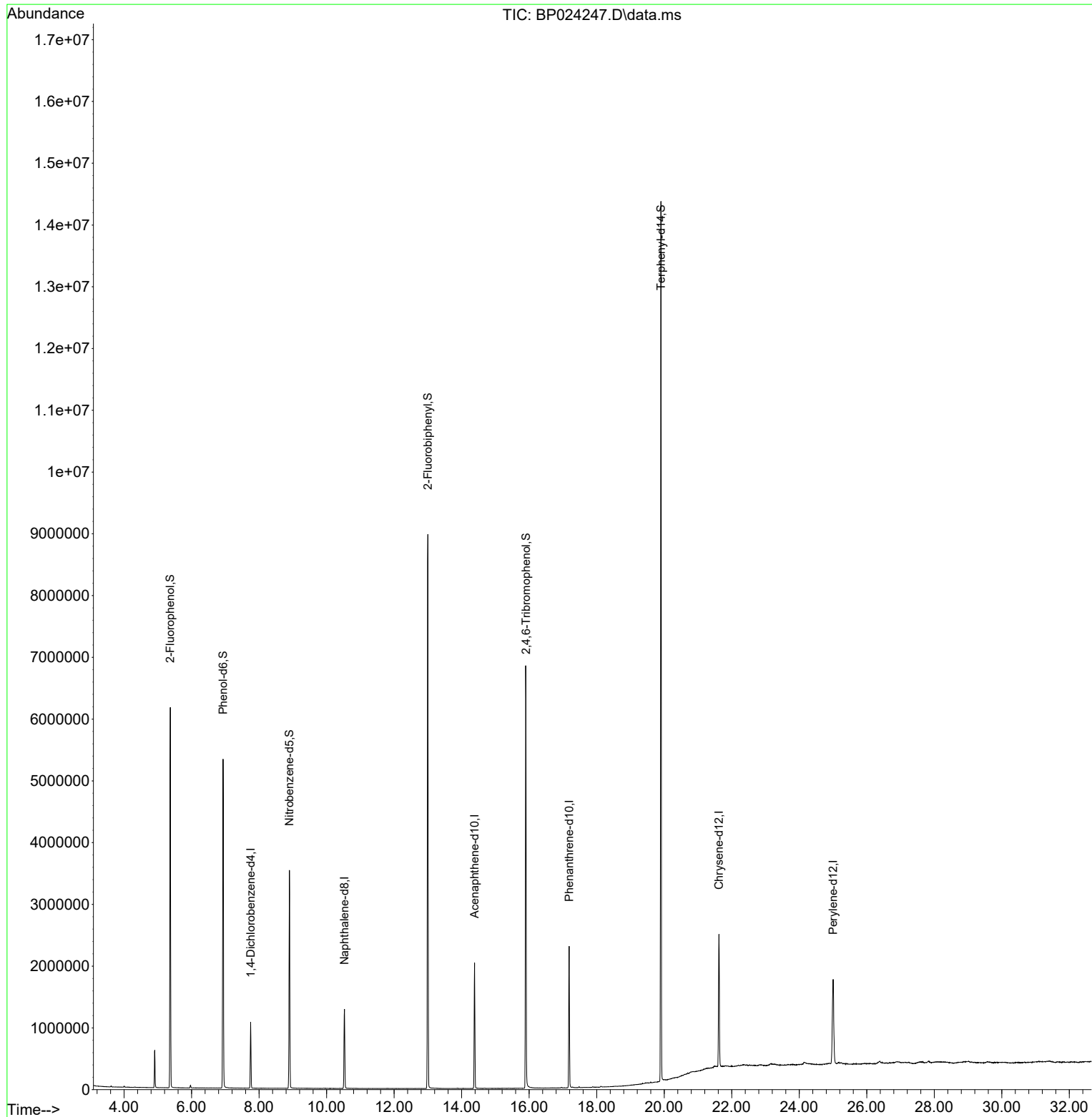
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

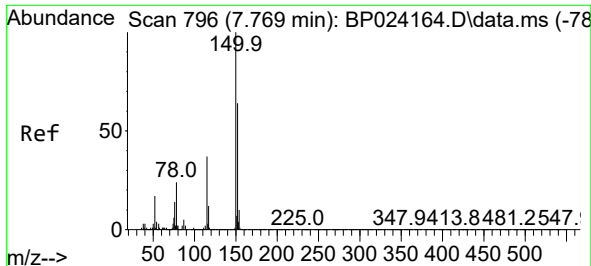
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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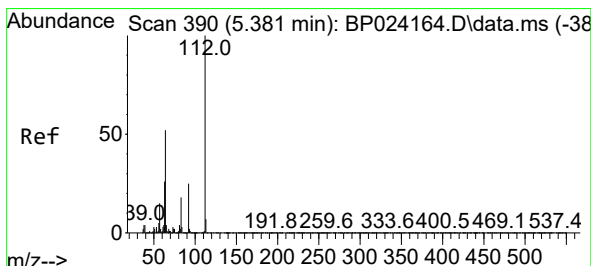
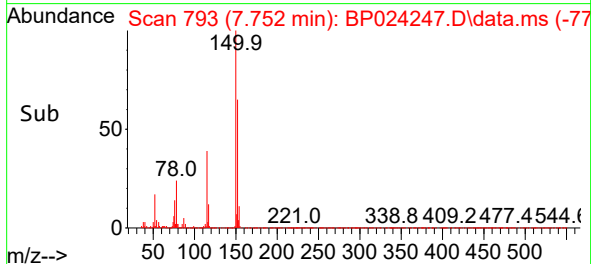
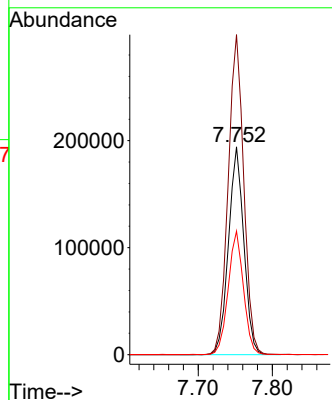
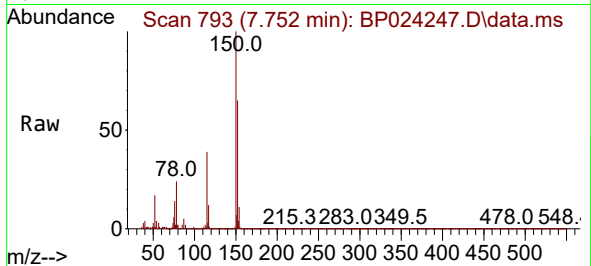




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.752 min Scan# 796  
Delta R.T. 0.006 min  
Lab File: BP024247.D  
Acq: 10 Apr 2025 11:08

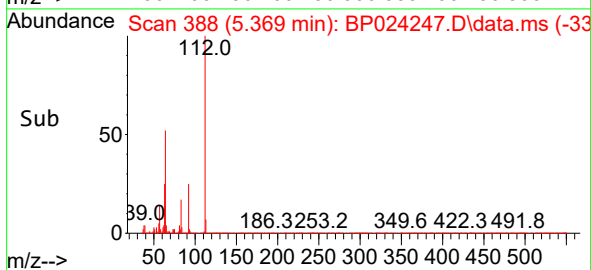
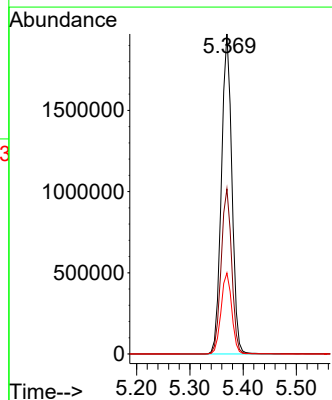
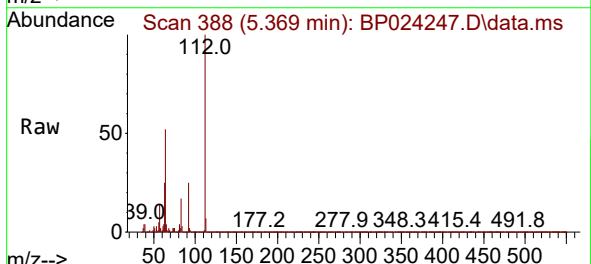
Instrument :  
BNA\_P  
ClientSampleId :  
PB167537TB

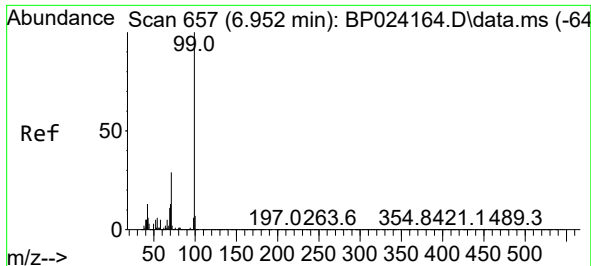
Tgt Ion:152 Resp: 279125  
Ion Ratio Lower Upper  
152 100  
150 153.9 125.5 188.3  
115 59.4 46.3 69.5



#5  
2-Fluorophenol  
Concen: 153.696 ng  
RT: 5.369 min Scan# 388  
Delta R.T. 0.012 min  
Lab File: BP024247.D  
Acq: 10 Apr 2025 11:08

Tgt Ion:112 Resp: 2687515  
Ion Ratio Lower Upper  
112 100  
64 51.6 41.3 61.9  
63 25.3 20.6 31.0

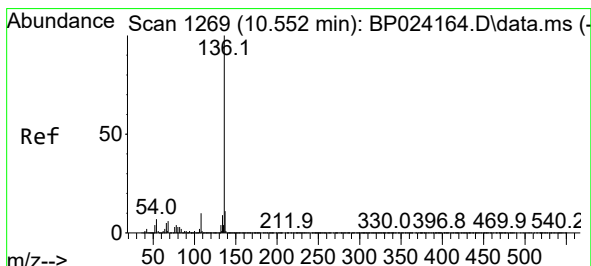
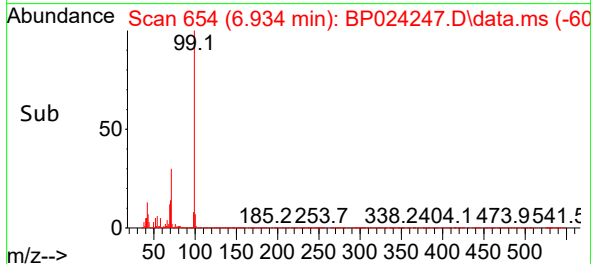
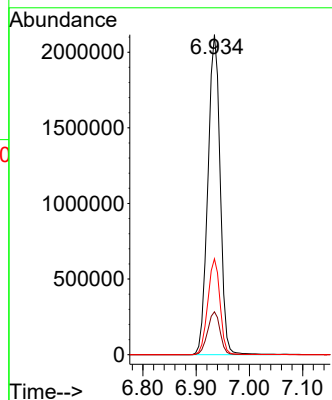
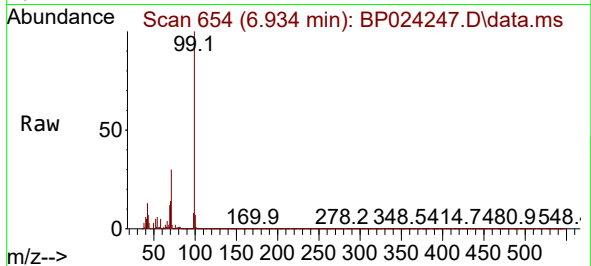




#7  
Phenol-d6  
Concen: 145.178 ng  
RT: 6.934 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP024247.D  
Acq: 10 Apr 2025 11:08

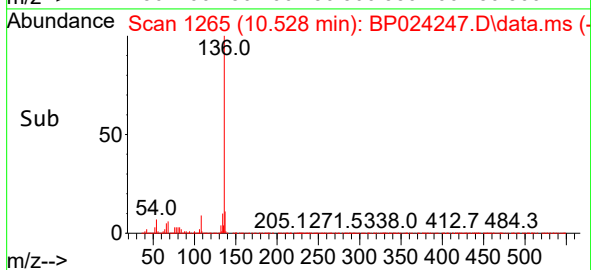
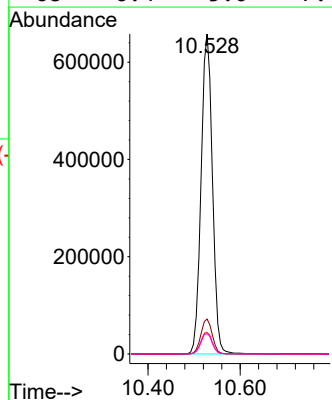
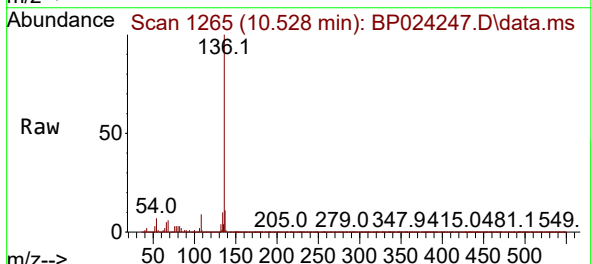
Instrument :  
BNA\_P  
ClientSampleId :  
PB167537TB

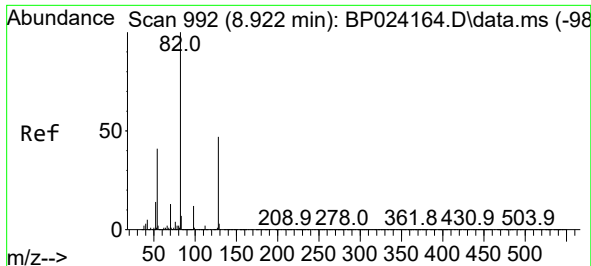
Tgt Ion: 99 Resp: 3394742  
Ion Ratio Lower Upper  
99 100  
42 13.4 10.6 16.0  
71 30.0 23.3 34.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.528 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: BP024247.D  
Acq: 10 Apr 2025 11:08

Tgt Ion:136 Resp: 1128403  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.4  
54 6.7 5.3 7.9  
68 6.4 5.0 7.4

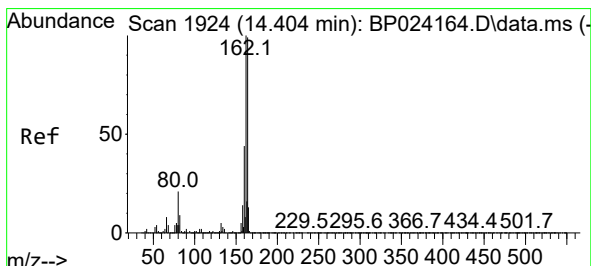
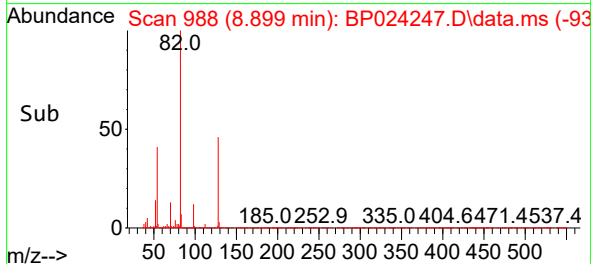
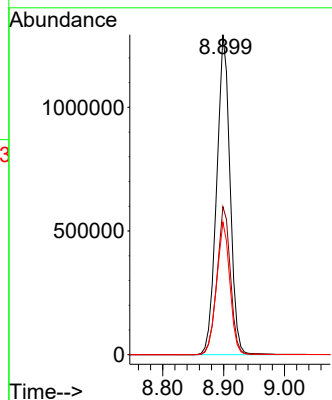
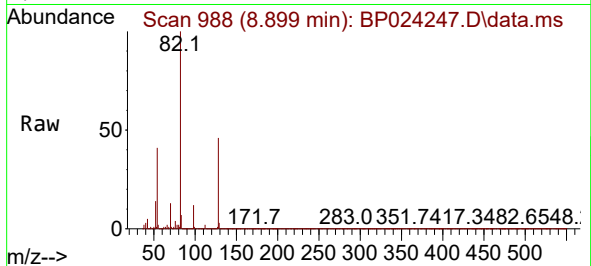




#23  
Nitrobenzene-d5  
Concen: 98.582 ng  
RT: 8.899 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BP024247.D  
Acq: 10 Apr 2025 11:08

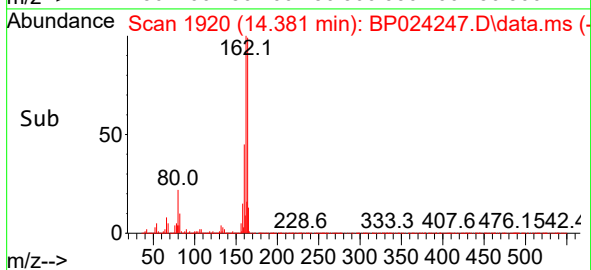
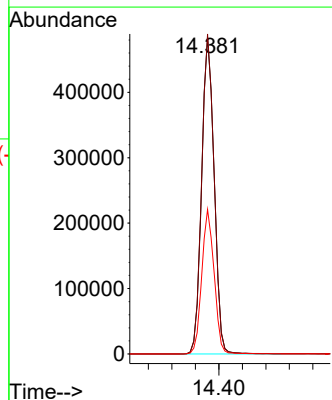
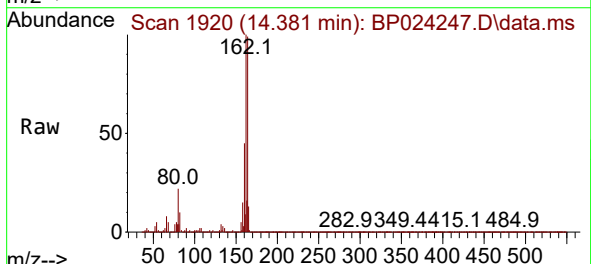
Instrument :  
BNA\_P  
ClientSampleId :  
PB167537TB

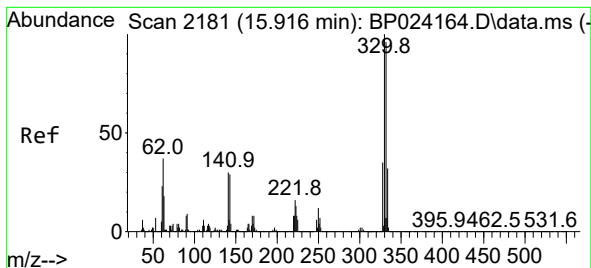
Tgt Ion: 82 Resp: 1971611  
Ion Ratio Lower Upper  
82 100  
128 46.2 37.4 56.0  
54 41.4 32.5 48.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.381 min Scan# 1920  
Delta R.T. -0.012 min  
Lab File: BP024247.D  
Acq: 10 Apr 2025 11:08

Tgt Ion: 164 Resp: 717732  
Ion Ratio Lower Upper  
164 100  
162 101.0 80.6 121.0  
160 45.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 162.700 ng

RT: 15.904 min Scan# 2181

Delta R.T. 0.006 min

Lab File: BP024247.D

Acq: 10 Apr 2025 11:08

Instrument :

BNA\_P

ClientSampleId :

PB167537TB

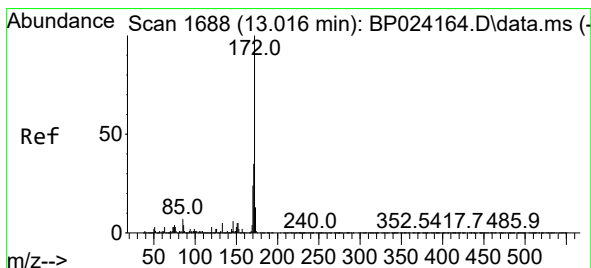
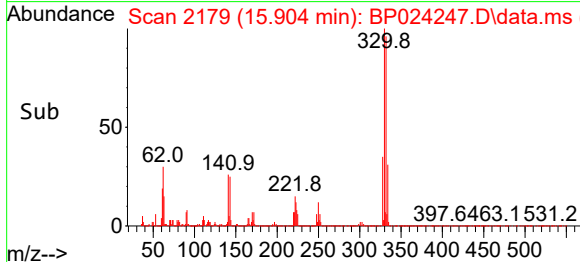
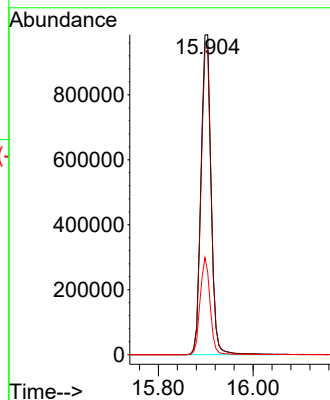
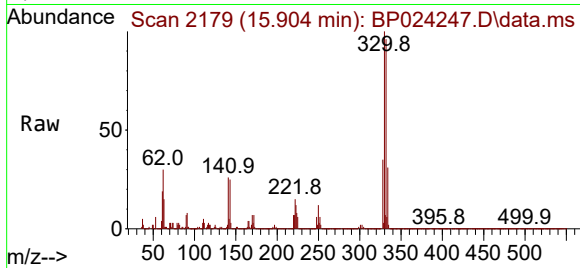
Tgt Ion:330 Resp: 1470933

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 29.5 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 94.009 ng

RT: 12.998 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BP024247.D

Acq: 10 Apr 2025 11:08

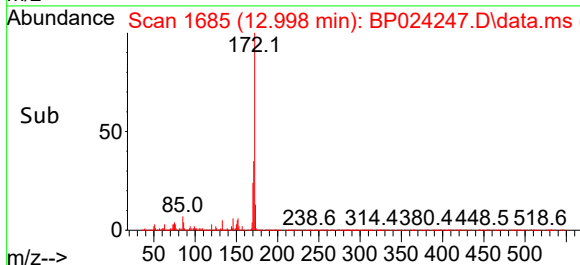
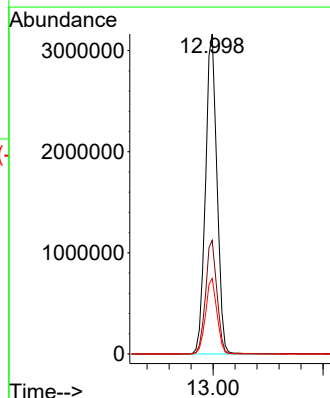
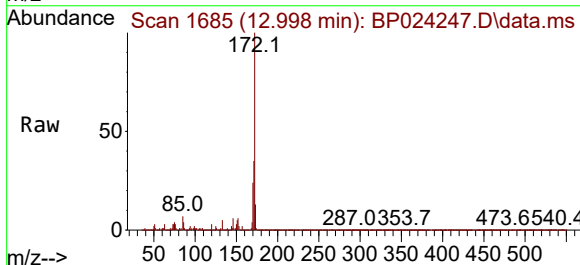
Tgt Ion:172 Resp: 4575950

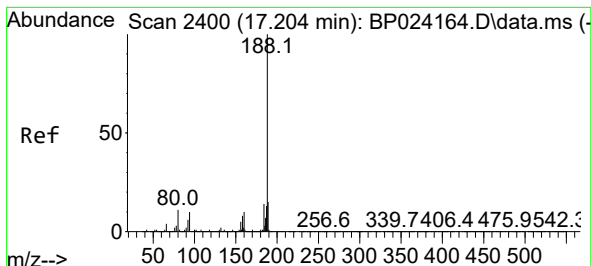
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024247.D

Acq: 10 Apr 2025 11:08

Instrument :

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ClientSampleId :

PB167537TB

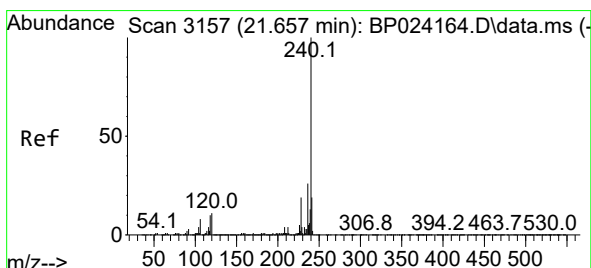
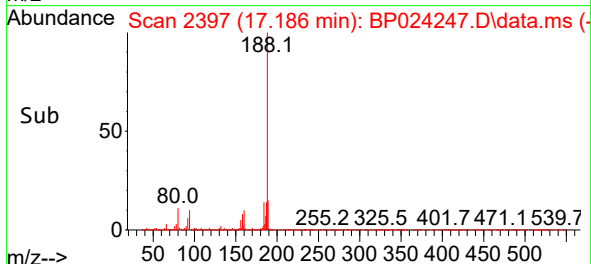
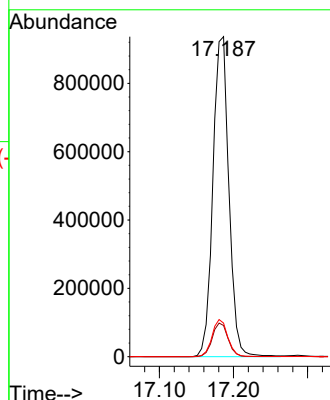
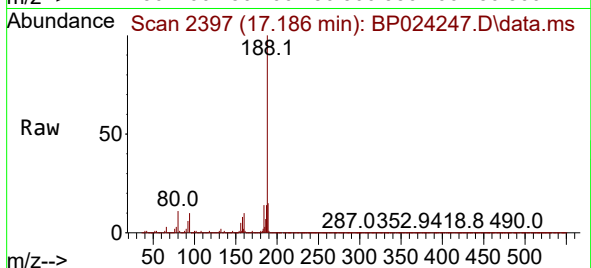
Tgt Ion:188 Resp: 1399725

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

80 10.5 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.622 min Scan# 3151

Delta R.T. -0.023 min

Lab File: BP024247.D

Acq: 10 Apr 2025 11:08

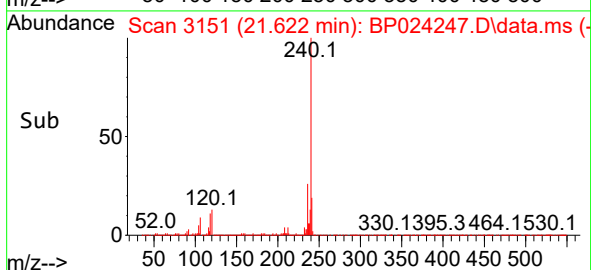
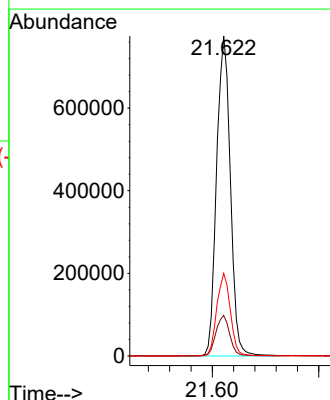
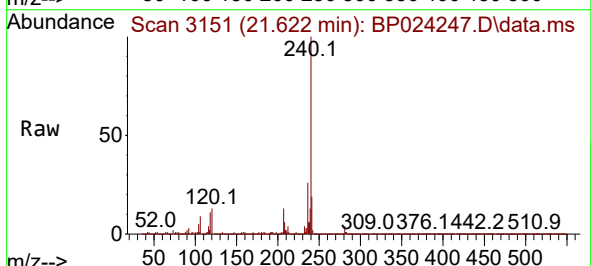
Tgt Ion:240 Resp: 1389938

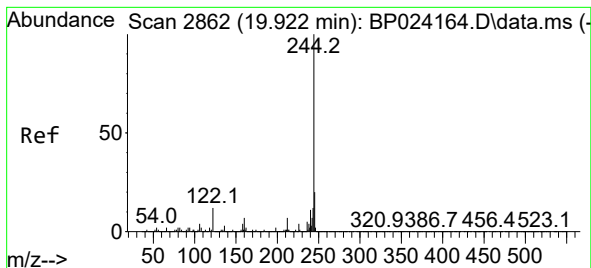
Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 104.572 ng

RT: 19.904 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024247.D

Acq: 10 Apr 2025 11:08

Instrument :

BNA\_P

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PB167537TB

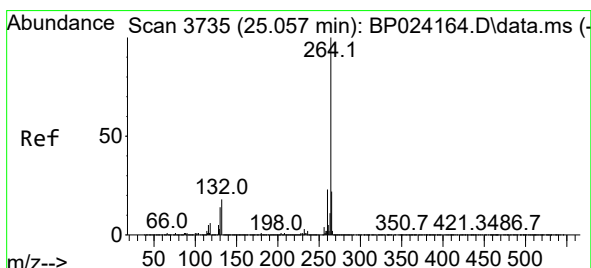
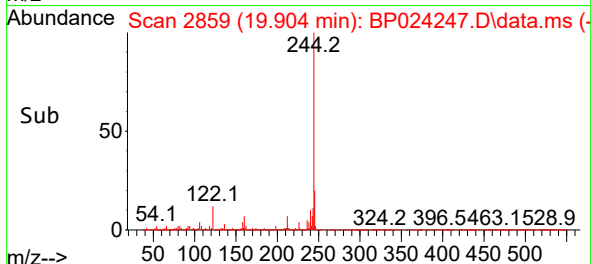
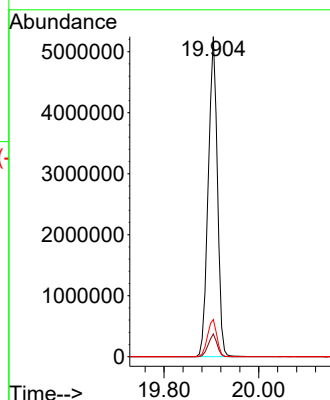
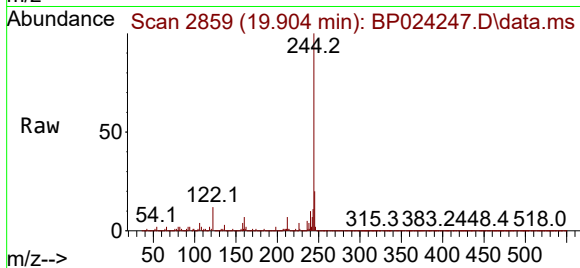
Tgt Ion:244 Resp: 7041298

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.6 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3726

Delta R.T. -0.006 min

Lab File: BP024247.D

Acq: 10 Apr 2025 11:08

Tgt Ion:264 Resp: 1515025

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.7 17.7 26.5

