

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072325\  
Data File : BP025229.D  
Acq On : 23 Jul 2025 18:58  
Operator : CG/JU  
Sample : PB168919TB  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB168919TB

Quant Time: Jul 24 01:50:14 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 22 02:55:21 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.437  | 152  | 517915   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.178 | 136  | 2038171  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.072 | 164  | 1320579  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.901 | 188  | 2775304  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.336 | 240  | 2926968  | 20.000  | ng    | 0.01     |
| 86) Perylene-d12            | 24.454 | 264  | 3370581  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.108  | 112  | 3821103  | 124.659 | ng    | 0.00     |
| 7) Phenol-d6                | 6.643  | 99   | 4691842  | 123.586 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.566  | 82   | 2901689  | 79.118  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.607 | 330  | 2599560  | 133.528 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.672 | 172  | 7521985  | 80.303  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.654 | 244  | 11952699 | 80.612  | ng    | 0.00     |

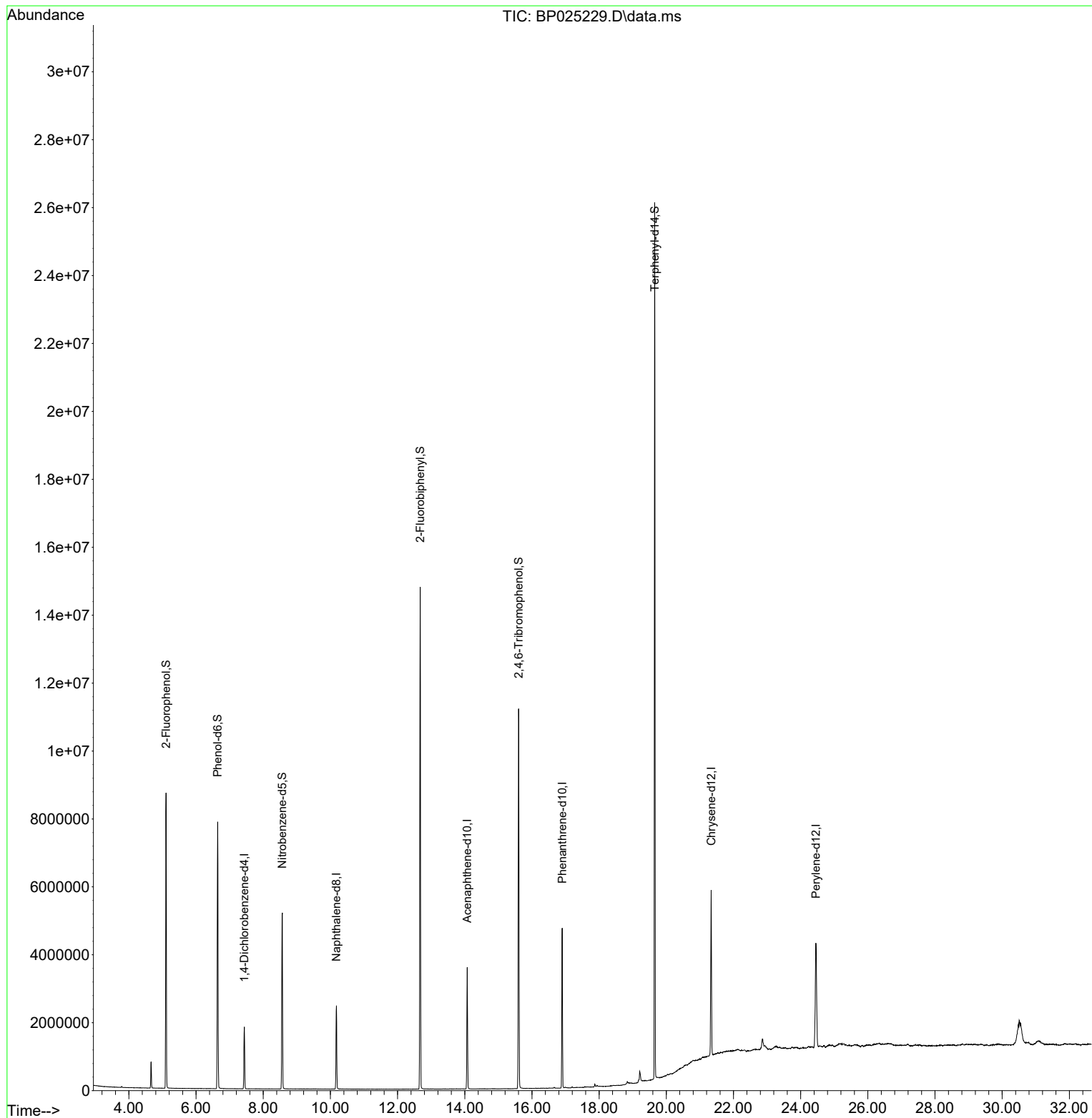
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

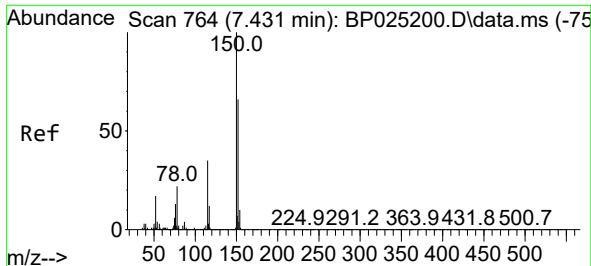
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 22 02:55:21 2025  
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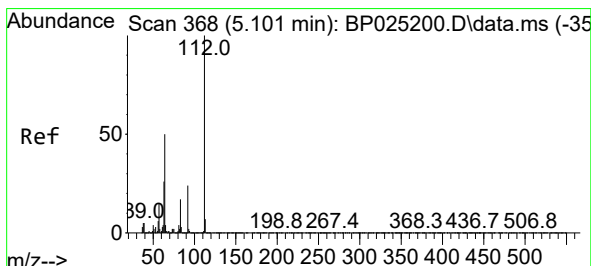
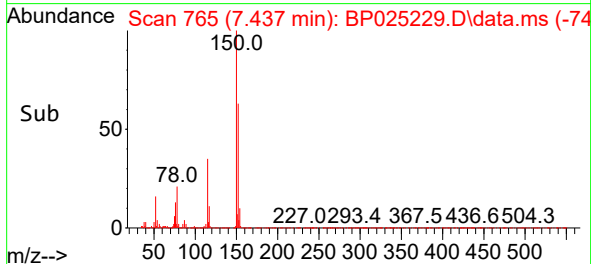
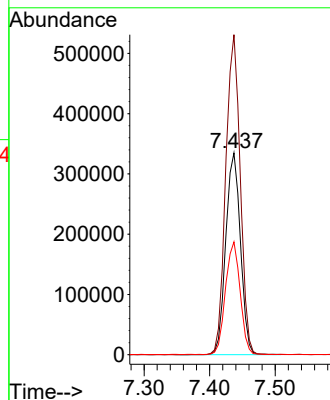
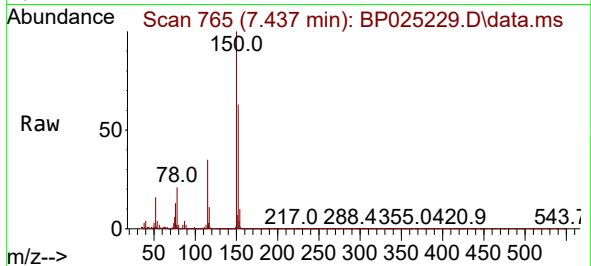




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.437 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: BP025229.D  
Acq: 23 Jul 2025 18:58

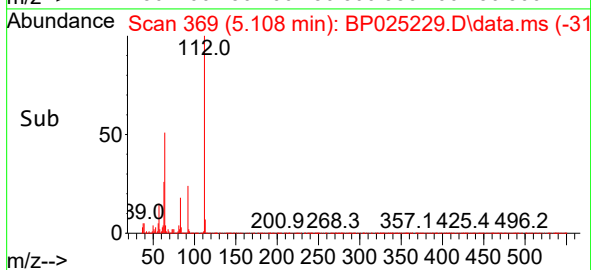
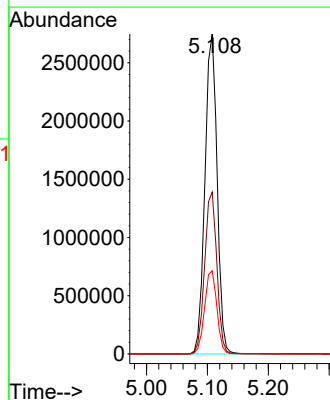
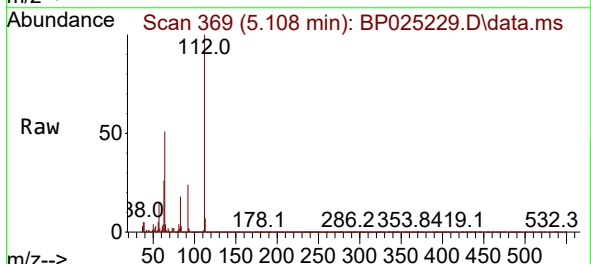
Instrument :  
BNA\_P  
ClientSampleId :  
PB168919TB

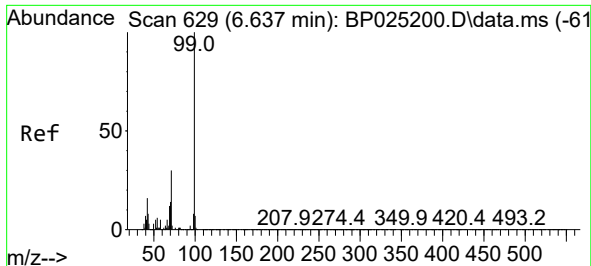
Tgt Ion:152 Resp: 517915  
Ion Ratio Lower Upper  
152 100  
150 158.5 121.9 182.9  
115 55.9 43.0 64.6



#5  
2-Fluorophenol  
Concen: 124.659 ng  
RT: 5.108 min Scan# 369  
Delta R.T. 0.006 min  
Lab File: BP025229.D  
Acq: 23 Jul 2025 18:58

Tgt Ion:112 Resp: 3821103  
Ion Ratio Lower Upper  
112 100  
64 50.6 39.8 59.6  
63 26.0 20.5 30.7



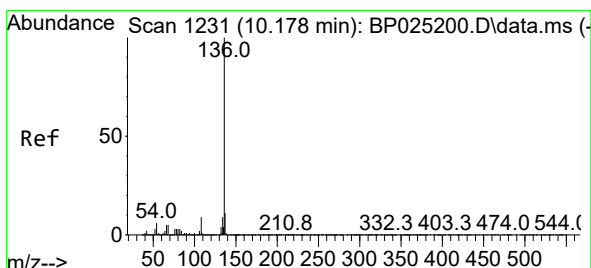
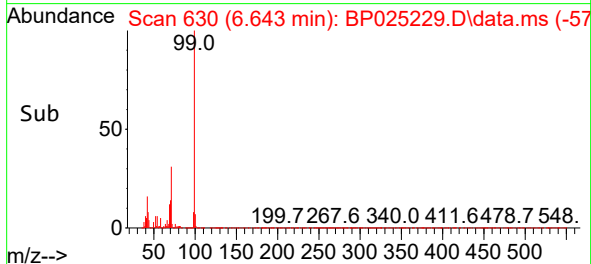
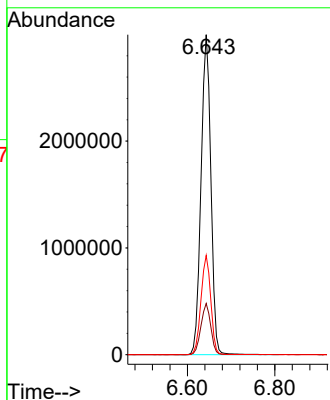
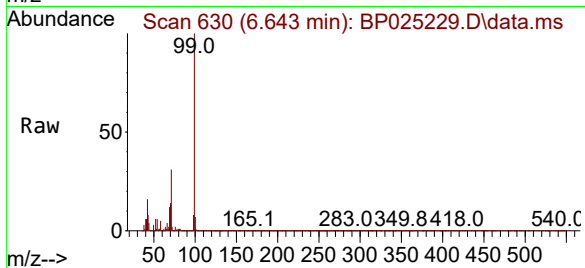


#7  
Phenol-d6  
Concen: 123.586 ng  
RT: 6.643 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP025229.D  
Acq: 23 Jul 2025 18:58

Instrument :  
BNA\_P  
ClientSampleId :  
PB168919TB

Tgt Ion: 99 Resp: 4691842

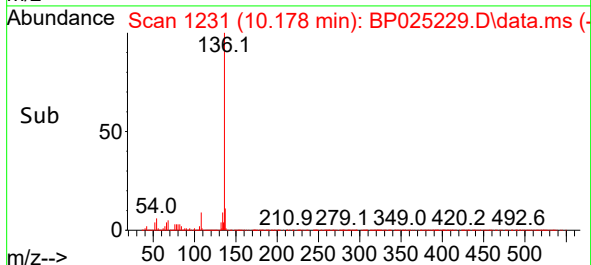
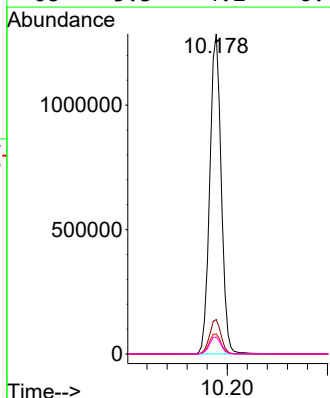
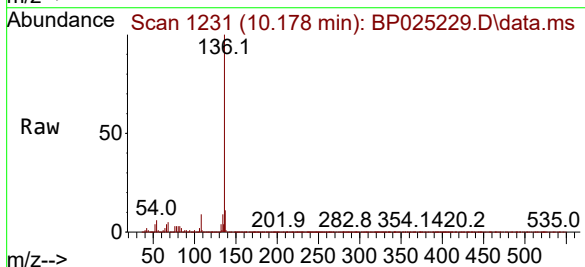
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.0  | 12.5  | 18.7  |
| 71  | 31.0  | 24.2  | 36.2  |

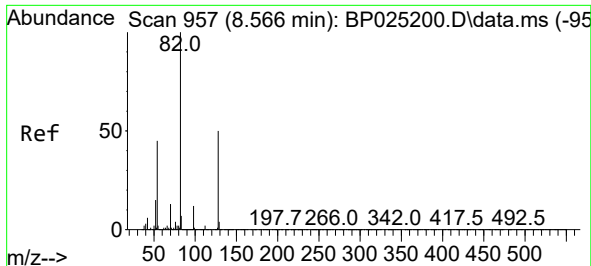


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.178 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: BP025229.D  
Acq: 23 Jul 2025 18:58

Tgt Ion: 136 Resp: 2038171

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.8   | 13.2  |
| 54  | 6.2   | 5.1   | 7.7   |
| 68  | 5.3   | 4.2   | 6.4   |

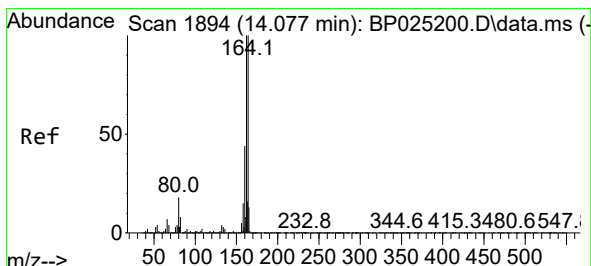
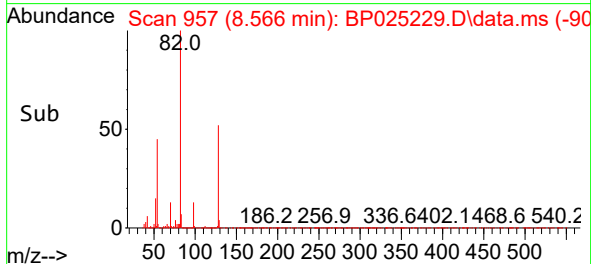
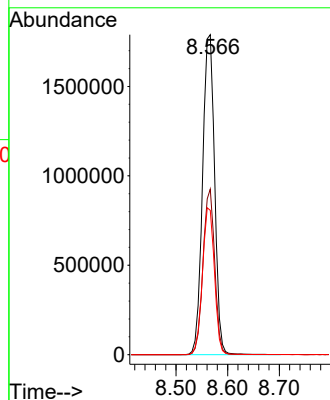
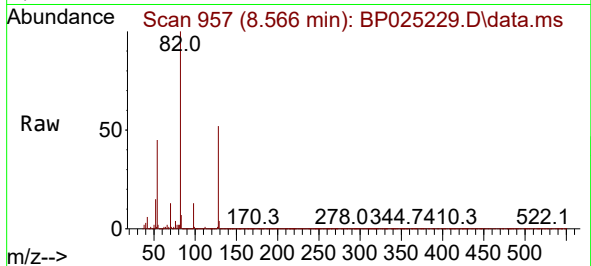




#23  
Nitrobenzene-d5  
Concen: 79.118 ng  
RT: 8.566 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP025229.D  
Acq: 23 Jul 2025 18:58

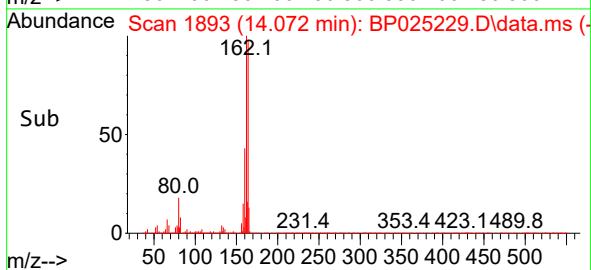
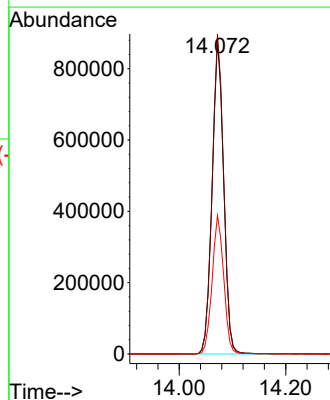
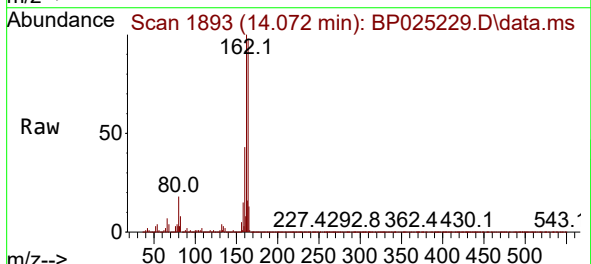
Instrument :  
BNA\_P  
ClientSampleId :  
PB168919TB

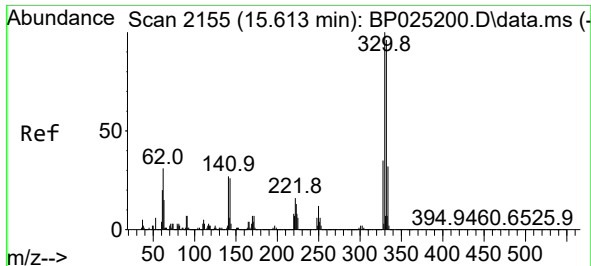
Tgt Ion: 82 Resp: 2901689  
Ion Ratio Lower Upper  
82 100  
128 51.7 40.2 60.4  
54 45.1 36.3 54.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.072 min Scan# 1893  
Delta R.T. -0.005 min  
Lab File: BP025229.D  
Acq: 23 Jul 2025 18:58

Tgt Ion:164 Resp: 1320579  
Ion Ratio Lower Upper  
164 100  
162 102.2 80.3 120.5  
160 44.2 35.7 53.5

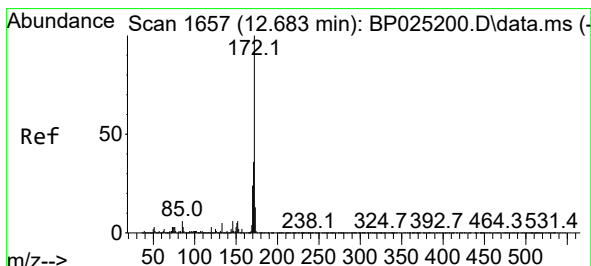
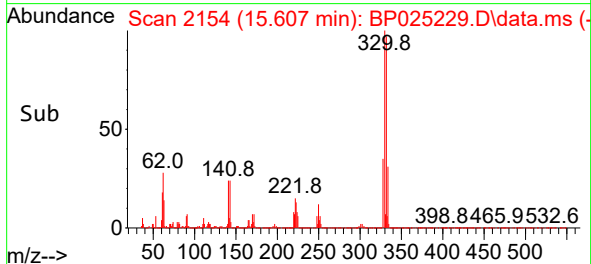
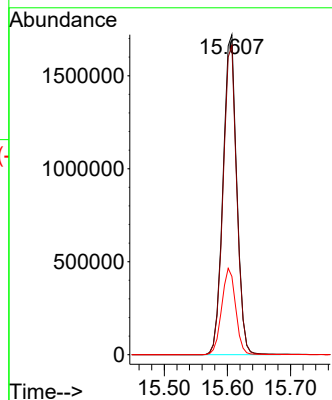
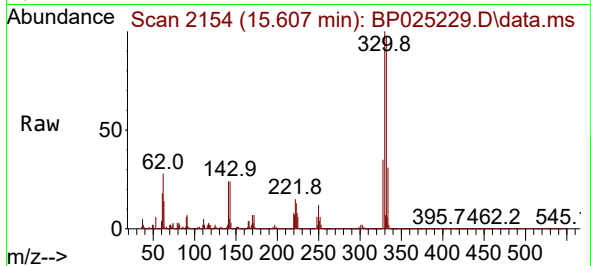




#42  
2,4,6-Tribromophenol  
Concen: 133.528 ng  
RT: 15.607 min Scan# 2155  
Delta R.T. -0.005 min  
Lab File: BP025229.D  
Acq: 23 Jul 2025 18:58

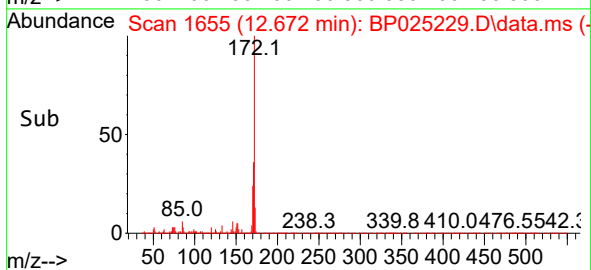
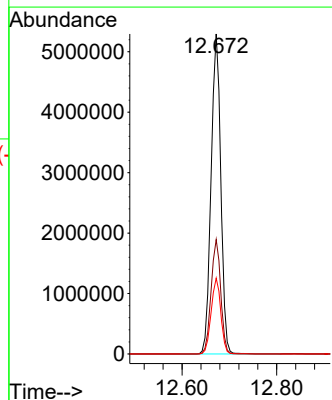
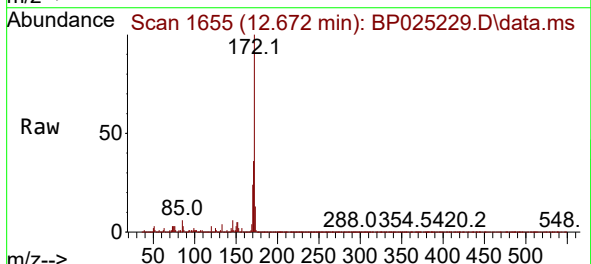
Instrument :  
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PB168919TB

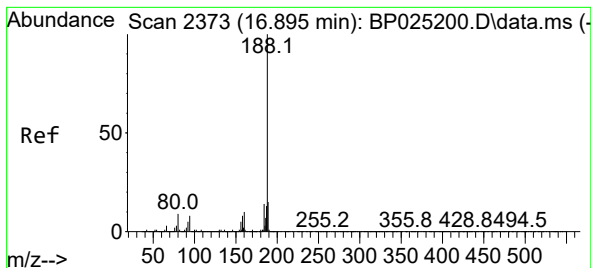
Tgt Ion:330 Resp: 2599560  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.1 115.7  
141 27.4 22.4 33.6



#45  
2-Fluorobiphenyl  
Concen: 80.303 ng  
RT: 12.672 min Scan# 1655  
Delta R.T. -0.011 min  
Lab File: BP025229.D  
Acq: 23 Jul 2025 18:58

Tgt Ion:172 Resp: 7521985  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.8 43.2  
170 23.7 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.901 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025229.D

Acq: 23 Jul 2025 18:58

Instrument :

BNA\_P

ClientSampleId :

PB168919TB

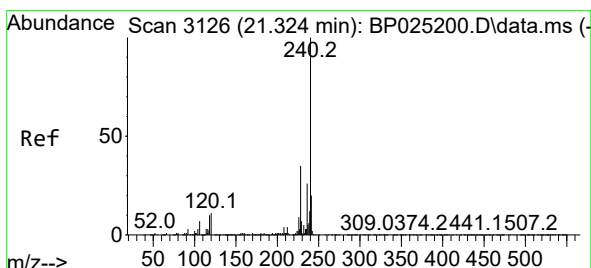
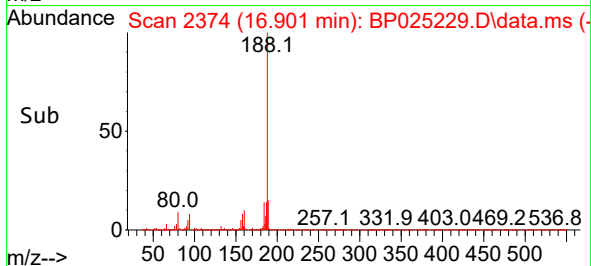
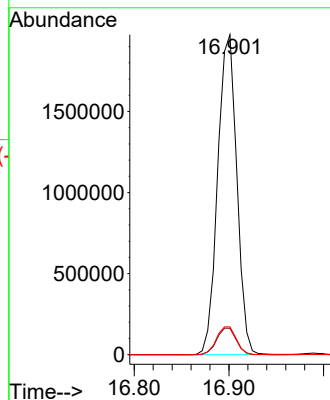
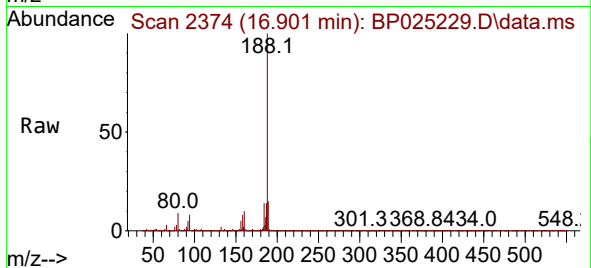
Tgt Ion:188 Resp: 2775304

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 8.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.336 min Scan# 3128

Delta R.T. 0.012 min

Lab File: BP025229.D

Acq: 23 Jul 2025 18:58

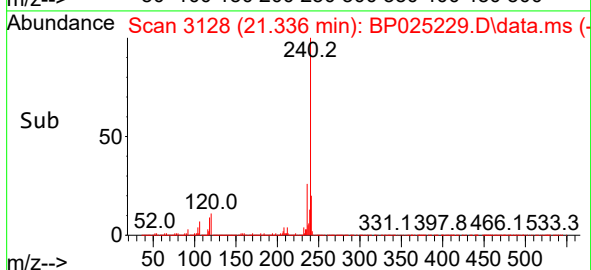
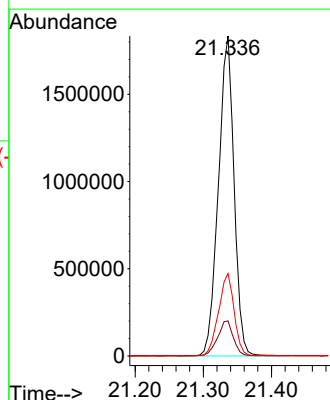
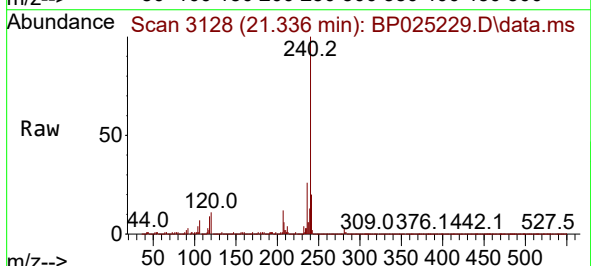
Tgt Ion:240 Resp: 2926968

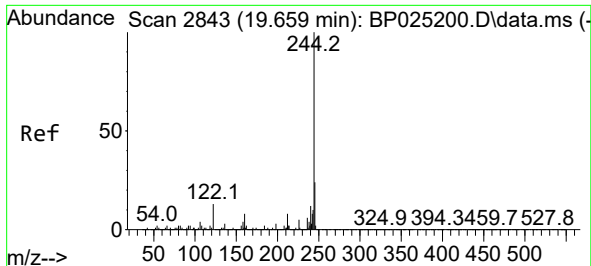
Ion Ratio Lower Upper

240 100

120 10.9 8.8 13.2

236 25.8 20.9 31.3

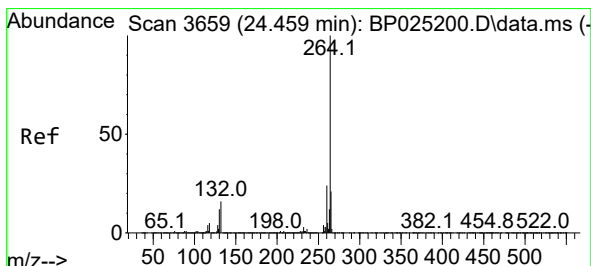
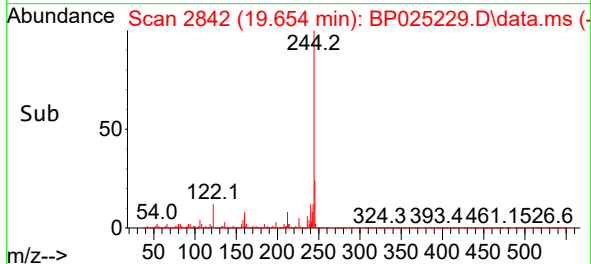
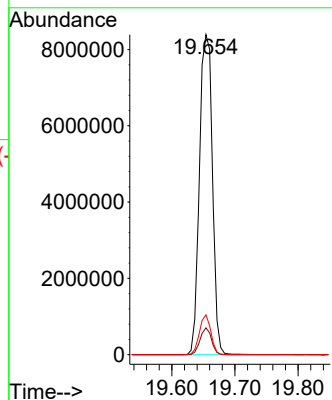
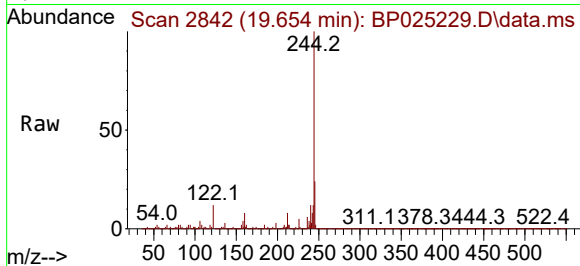




#79  
Terphenyl-d14  
Concen: 80.612 ng  
RT: 19.654 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BP025229.D  
Acq: 23 Jul 2025 18:58

Instrument :  
BNA\_P  
ClientSampleId :  
PB168919TB

Tgt Ion:244 Resp:11952699  
Ion Ratio Lower Upper  
244 100  
212 8.4 6.6 9.8  
122 12.4 10.3 15.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.454 min Scan# 3658  
Delta R.T. -0.005 min  
Lab File: BP025229.D  
Acq: 23 Jul 2025 18:58

Tgt Ion:264 Resp: 3370581  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.0 28.6  
265 22.3 17.5 26.3

