

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100925\  
 Data File : BP025963.D  
 Acq On : 09 Oct 2025 13:44  
 Operator : RC/JU  
 Sample : PB170038BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB170038BL

Quant Time: Oct 09 14:12:22 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 08 16:22:13 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.725  | 152  | 152380   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.502 | 136  | 573965   | 20.000  | ng    | 0.01     |
| 39) Acenaphthene-d10        | 14.354 | 164  | 372033   | 20.000  | ng    | 0.02     |
| 64) Phenanthrene-d10        | 17.148 | 188  | 826427   | 20.000  | ng    | 0.02     |
| 76) Chrysene-d12            | 21.595 | 240  | 906837   | 20.000  | ng    | 0.02     |
| 86) Perylene-d12            | 24.924 | 264  | 957992   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.372  | 112  | 1328207  | 142.265 | ng    | 0.00     |
| 7) Phenol-d6                | 6.937  | 99   | 1631018  | 132.292 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.878  | 82   | 1022054  | 79.696  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.860 | 330  | 738719   | 158.999 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.948 | 172  | 2377676  | 85.854  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.854 | 244  | 4336266  | 86.223  | ng    | 0.00     |

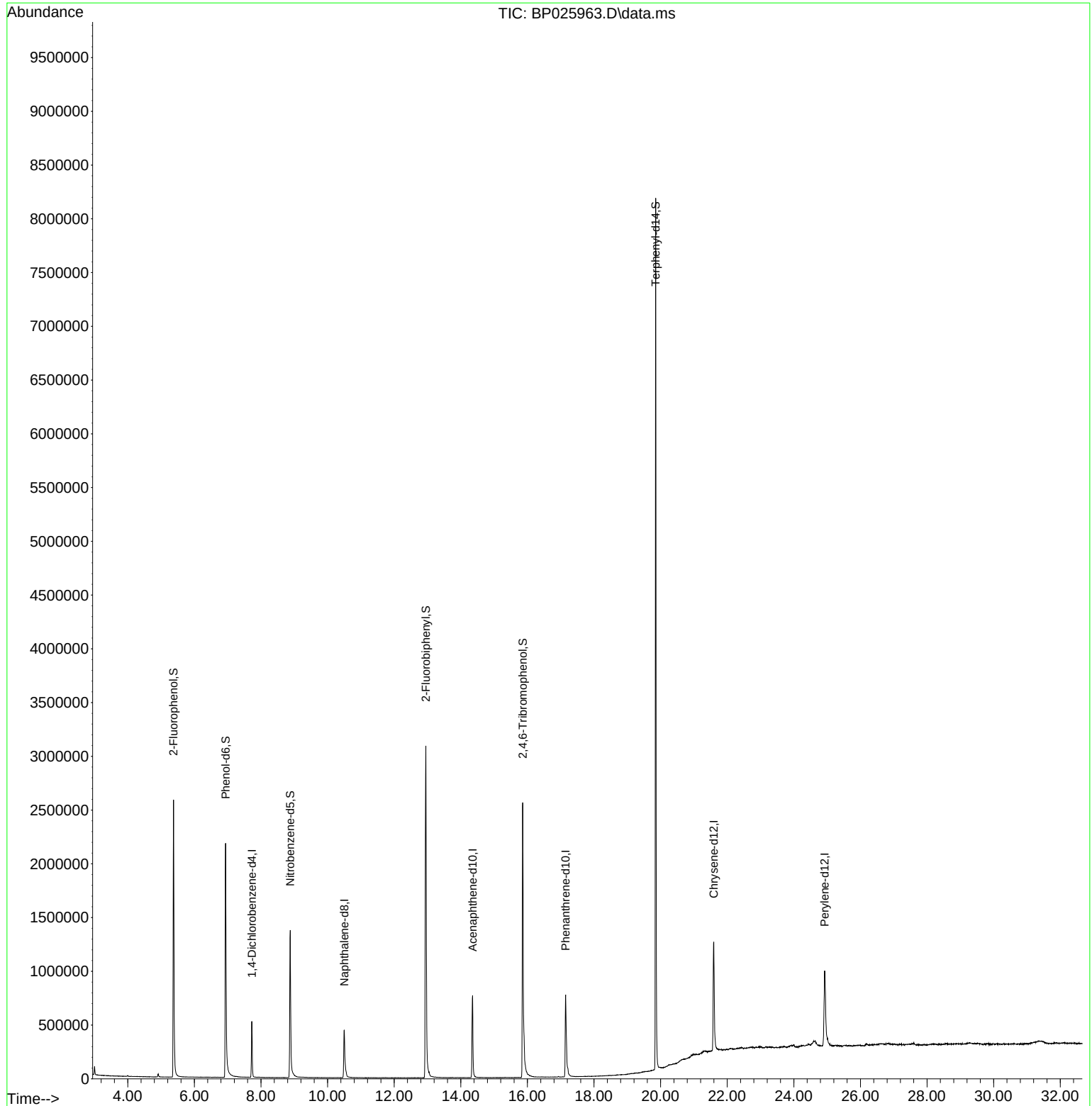
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

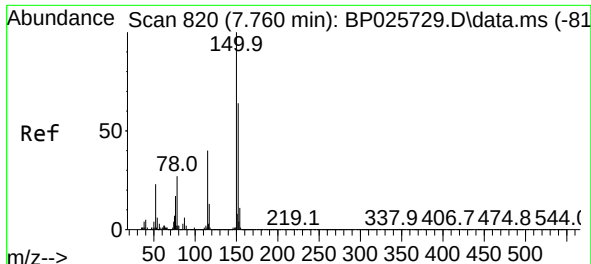
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
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QLast Update : Wed Oct 08 16:22:13 2025  
Response via : Initial Calibration

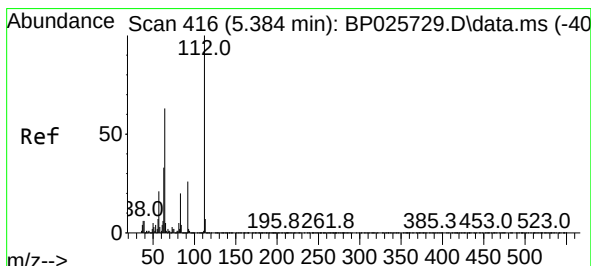
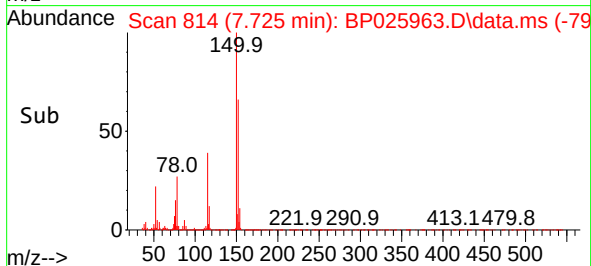
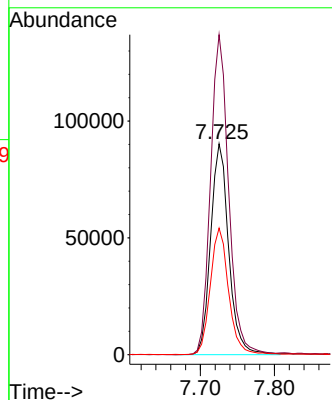
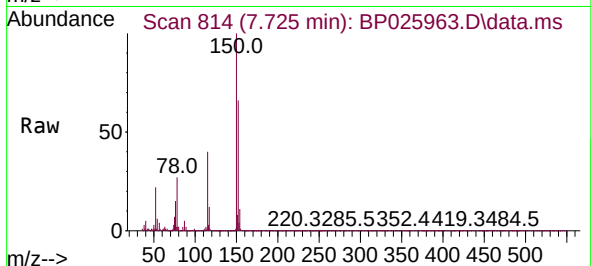




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.725 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP025963.D  
Acq: 09 Oct 2025 13:44

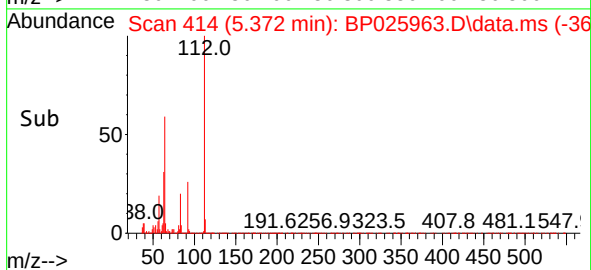
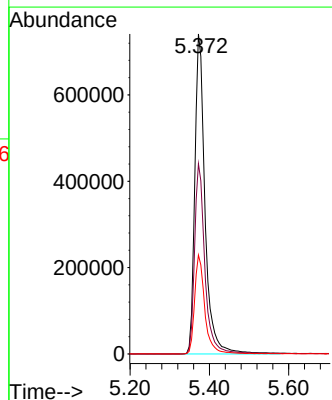
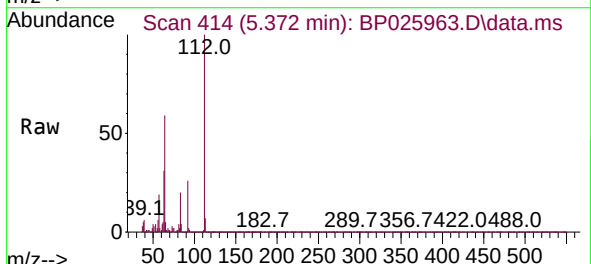
Instrument :  
BNA\_P  
ClientSampleId :  
PB170038BL

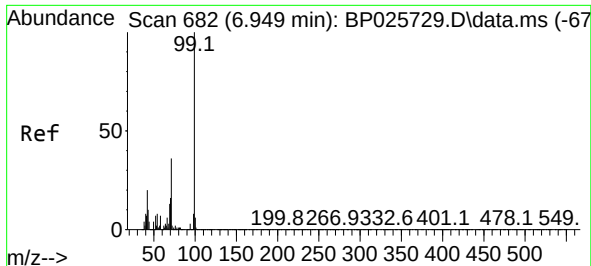
Tgt Ion:152 Resp: 152380  
Ion Ratio Lower Upper  
152 100  
150 151.8 124.3 186.5  
115 60.0 50.3 75.5



#5  
2-Fluorophenol  
Concen: 142.265 ng  
RT: 5.372 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: BP025963.D  
Acq: 09 Oct 2025 13:44

Tgt Ion:112 Resp: 1328207  
Ion Ratio Lower Upper  
112 100  
64 59.4 50.2 75.4  
63 30.9 26.7 40.1

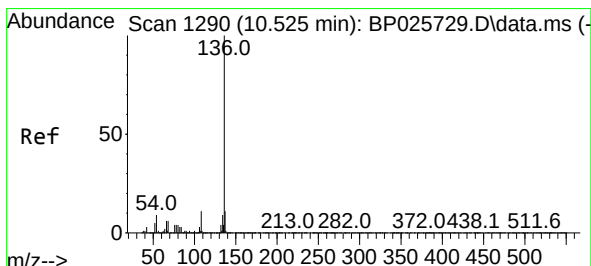
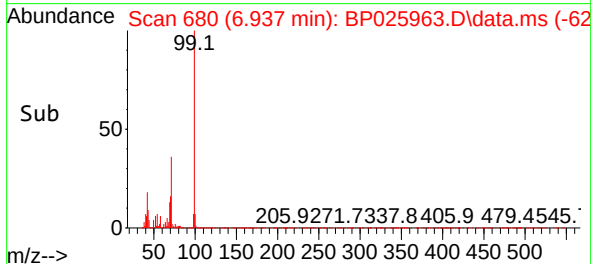
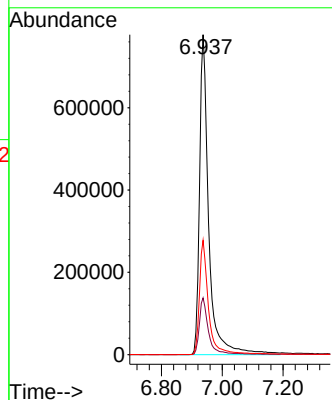
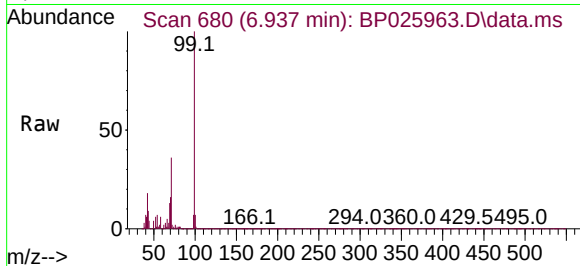




#7  
Phenol-d6  
Concen: 132.292 ng  
RT: 6.937 min Scan# 681  
Delta R.T. -0.000 min  
Lab File: BP025963.D  
Acq: 09 Oct 2025 13:44

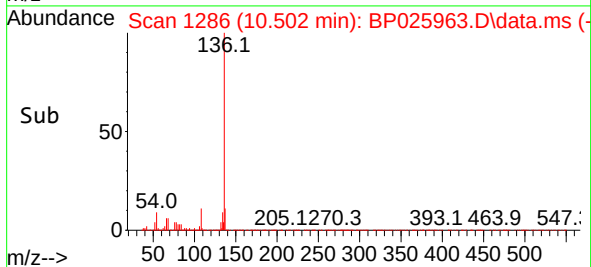
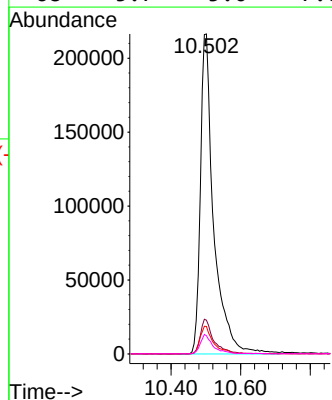
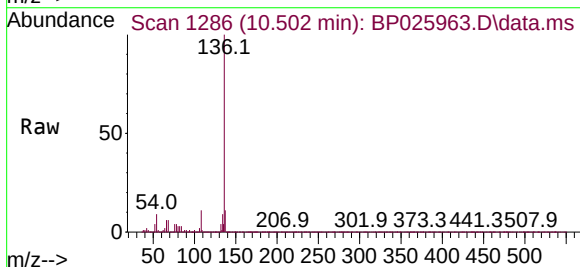
Instrument :  
BNA\_P  
ClientSampleId :  
PB170038BL

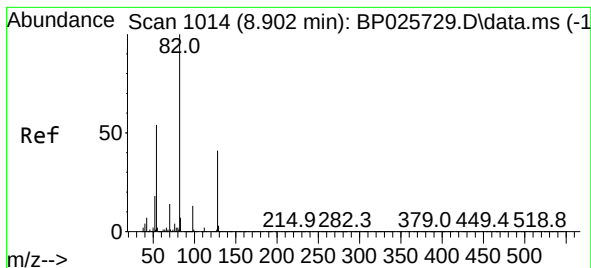
Tgt Ion: 99 Resp: 1631018  
Ion Ratio Lower Upper  
99 100  
42 17.7 15.6 23.4  
71 35.7 28.6 43.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.502 min Scan# 1286  
Delta R.T. 0.012 min  
Lab File: BP025963.D  
Acq: 09 Oct 2025 13:44

Tgt Ion:136 Resp: 573965  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.7 13.1  
54 8.6 7.5 11.3  
68 5.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 79.696 ng

RT: 8.878 min Scan# 10

Delta R.T. -0.000 min

Lab File: BP025963.D

Acq: 09 Oct 2025 13:44

Instrument :

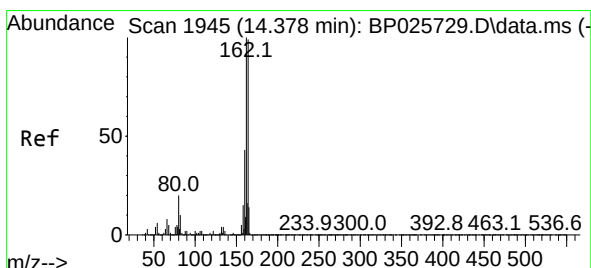
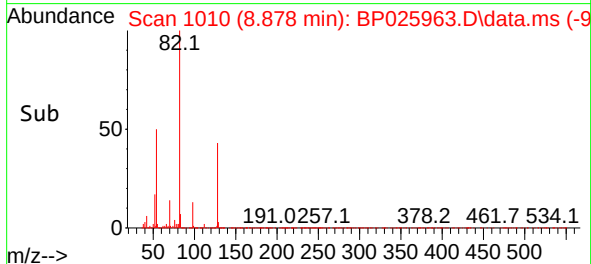
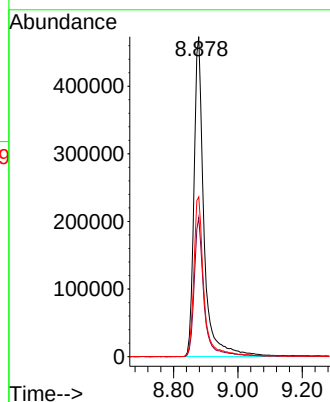
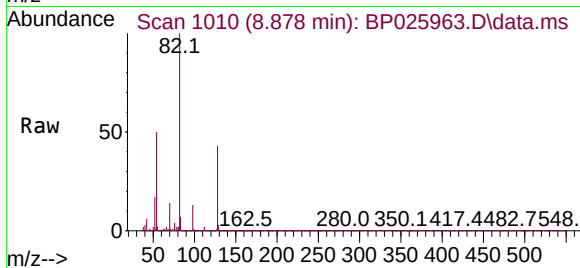
BNA\_P

ClientSampleId :

PB170038BL

Tgt Ion: 82 Resp: 1022054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.4  | 32.9  | 49.3  |
| 54  | 49.9  | 43.4  | 65.2  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.354 min Scan# 1941

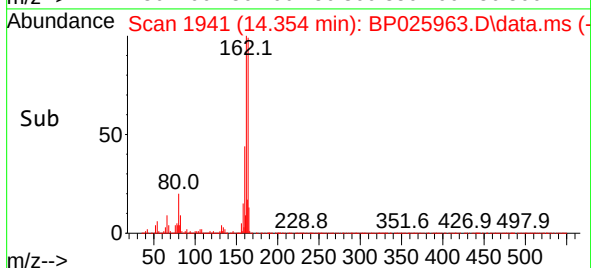
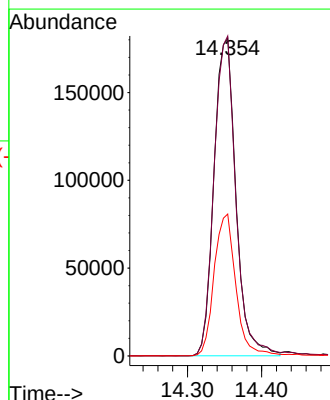
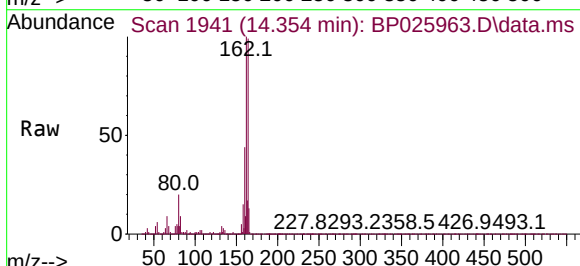
Delta R.T. 0.018 min

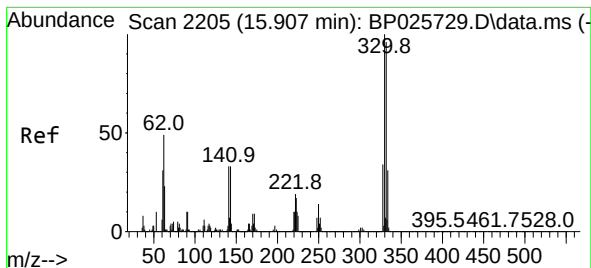
Lab File: BP025963.D

Acq: 09 Oct 2025 13:44

Tgt Ion: 164 Resp: 372033

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.7 | 80.6  | 120.8 |
| 160 | 44.7  | 35.0  | 52.6  |





#42

2,4,6-Tribromophenol

Concen: 158.999 ng

RT: 15.860 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025963.D

Acq: 09 Oct 2025 13:44

Instrument :

BNA\_P

ClientSampleId :

PB170038BL

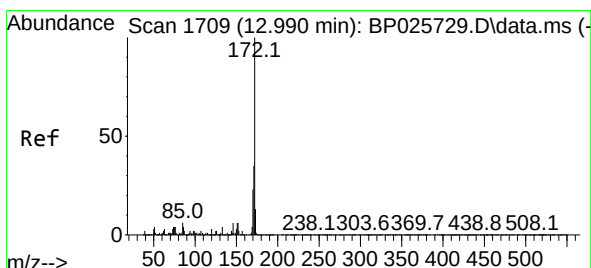
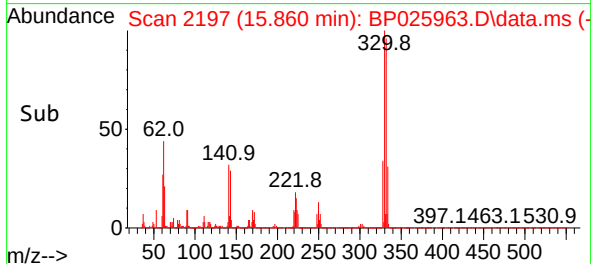
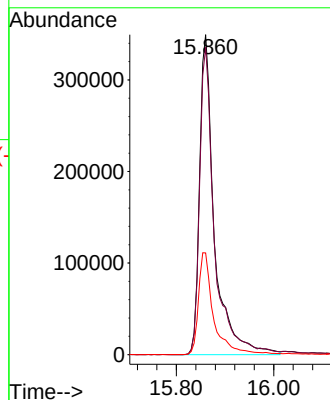
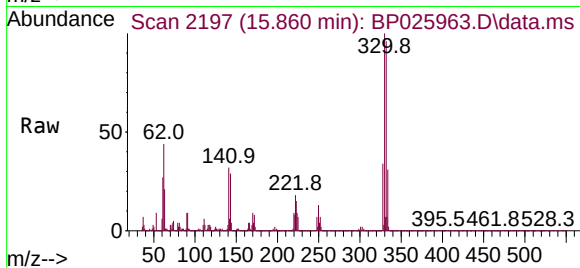
Tgt Ion:330 Resp: 738719

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 32.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 85.854 ng

RT: 12.948 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BP025963.D

Acq: 09 Oct 2025 13:44

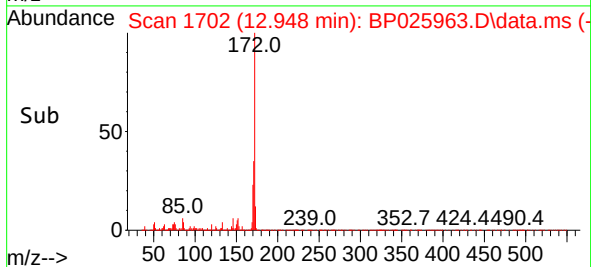
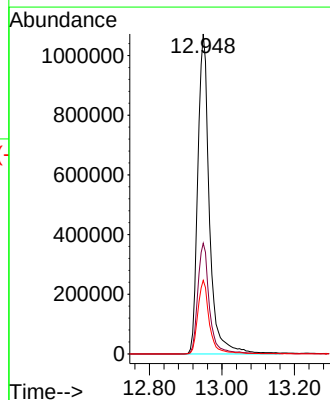
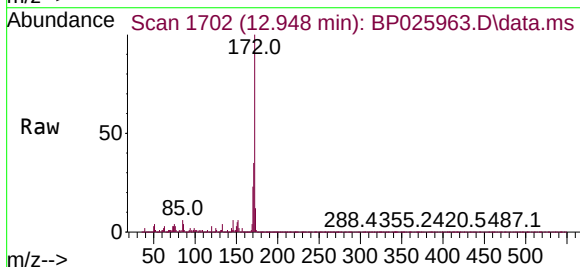
Tgt Ion:172 Resp: 2377676

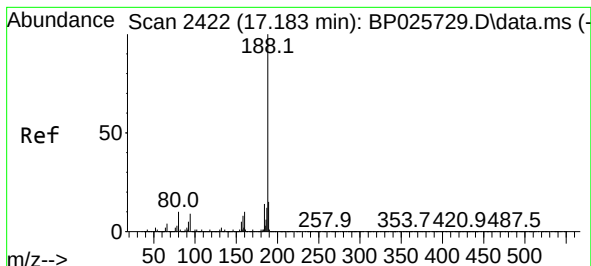
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.0 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.148 min Scan# 24

Delta R.T. 0.018 min

Lab File: BP025963.D

Acq: 09 Oct 2025 13:44

Instrument :

BNA\_P

ClientSampleId :

PB170038BL

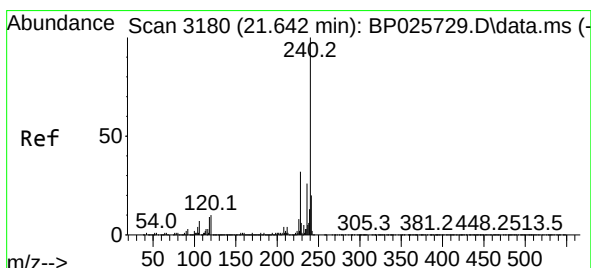
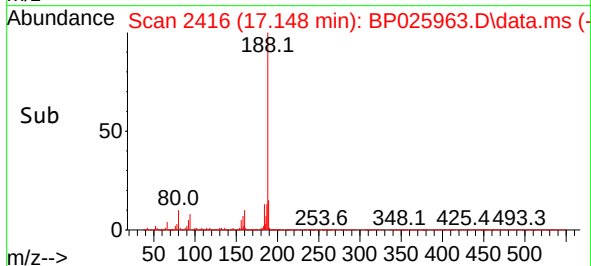
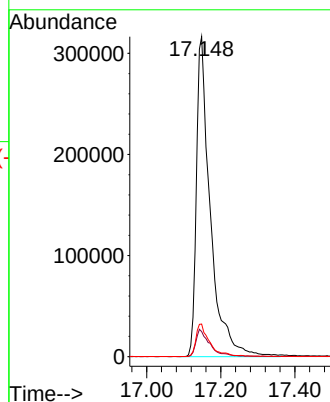
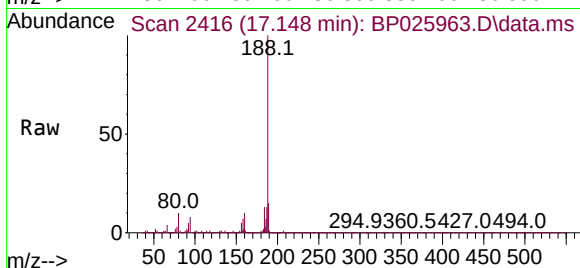
Tgt Ion:188 Resp: 826427

Ion Ratio Lower Upper

188 100

94 7.8 7.4 11.0

80 10.2 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.595 min Scan# 3172

Delta R.T. 0.023 min

Lab File: BP025963.D

Acq: 09 Oct 2025 13:44

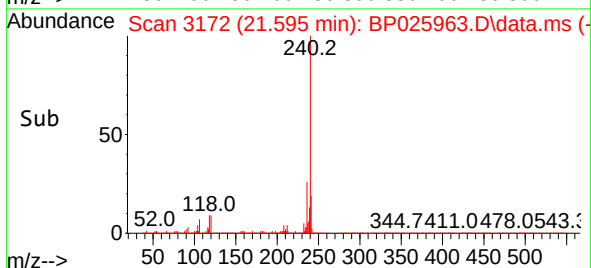
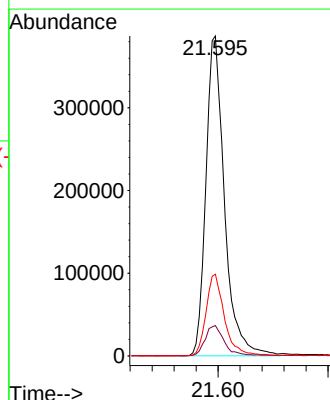
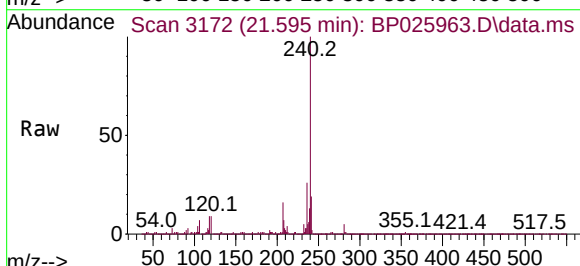
Tgt Ion:240 Resp: 906837

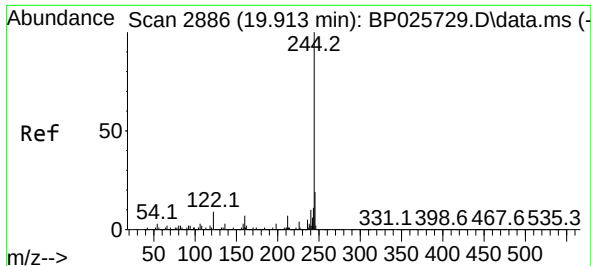
Ion Ratio Lower Upper

240 100

120 9.5 8.0 12.0

236 25.5 20.7 31.1

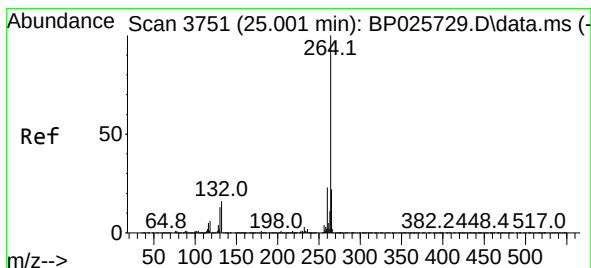
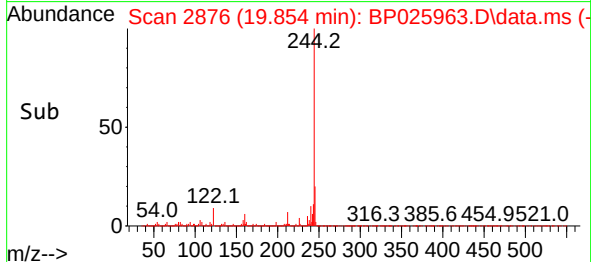
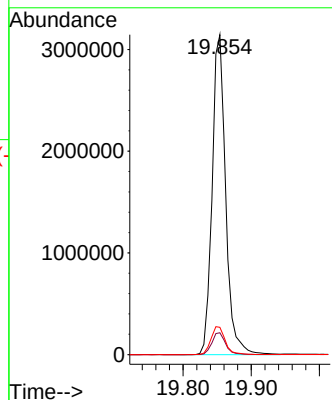
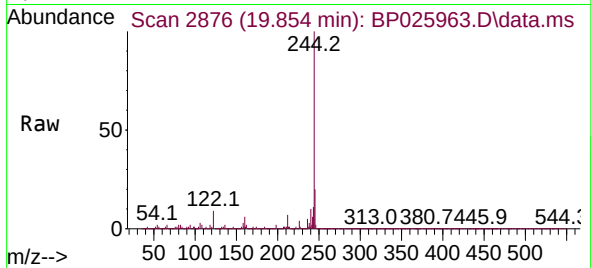




#79  
Terphenyl-d14  
Concen: 86.223 ng  
RT: 19.854 min Scan# 2886  
Delta R.T. -0.000 min  
Lab File: BP025963.D  
Acq: 09 Oct 2025 13:44

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BNA\_P  
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PB170038BL

Tgt Ion:244 Resp: 4336266  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 8.5 7.1 10.7



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.924 min Scan# 3738  
Delta R.T. 0.006 min  
Lab File: BP025963.D  
Acq: 09 Oct 2025 13:44

Tgt Ion:264 Resp: 957992  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.3 27.5  
265 21.6 17.3 25.9

