

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081925\  
 Data File : BP025491.D  
 Acq On : 20 Aug 2025 02:29  
 Operator : CG/JU  
 Sample : Q2871-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRILL CUTTING 1-3 COMP

Quant Time: Aug 20 03:10:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.790  | 152  | 137152   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.554 | 136  | 541008   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.401 | 164  | 356749   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.201 | 188  | 773635   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.630 | 240  | 910698   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 24.995 | 264  | 995130   | 20.000 | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.408  | 112  | 607959   | 73.614 | ng    | 0.00     |
| 7) Phenol-d6                | 6.966  | 99   | 769096   | 72.636 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.925  | 82   | 489102   | 45.732 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.913 | 330  | 387764   | 80.753 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.019 | 172  | 1146898  | 43.937 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.924 | 244  | 2314715  | 46.502 | ng    | 0.00     |

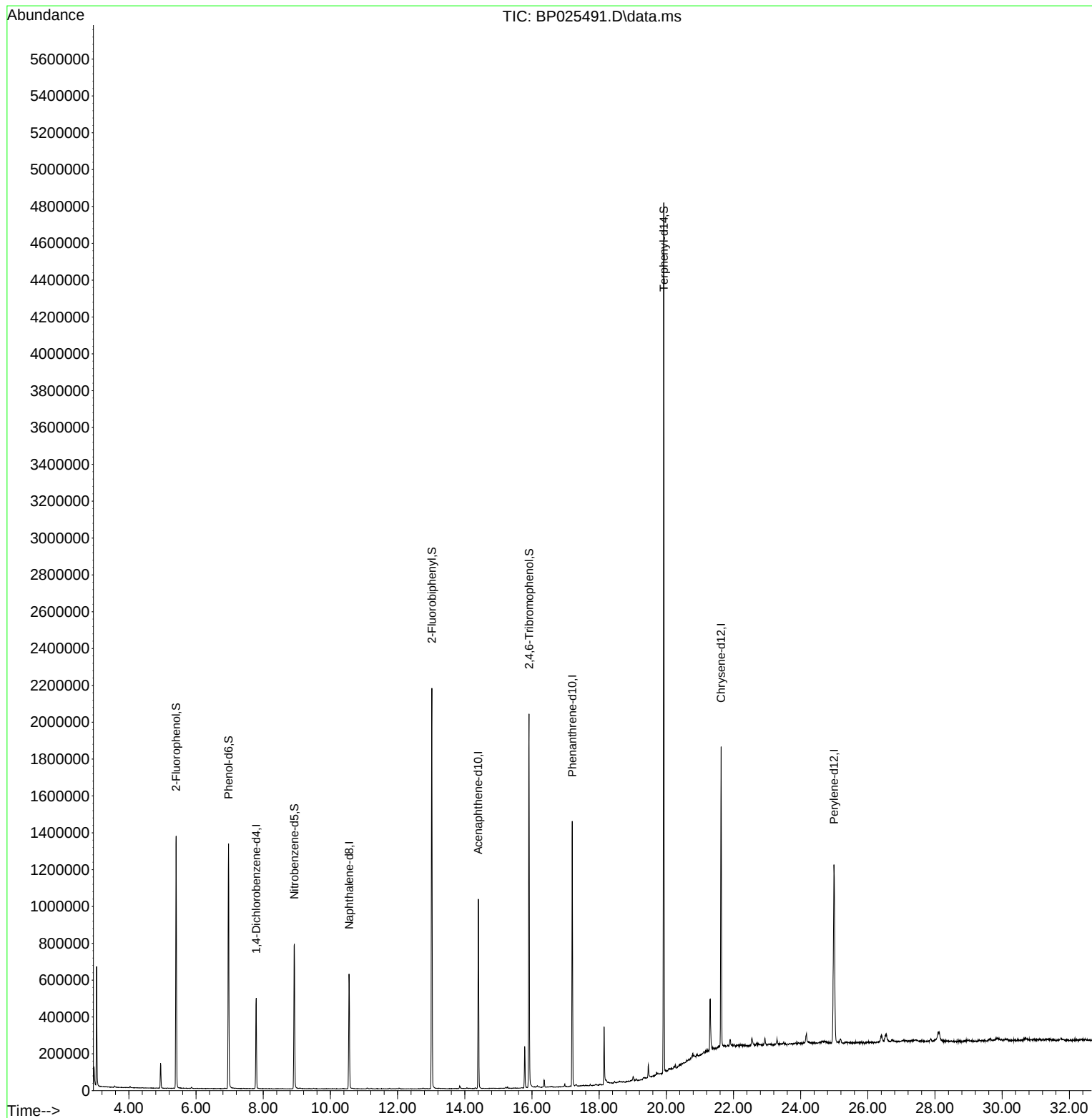
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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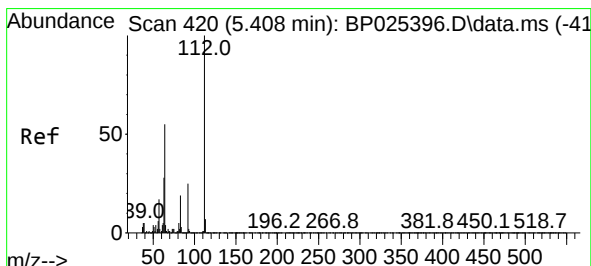
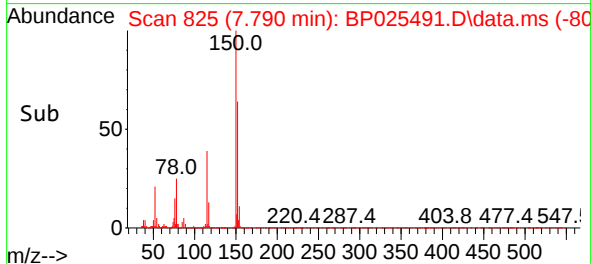
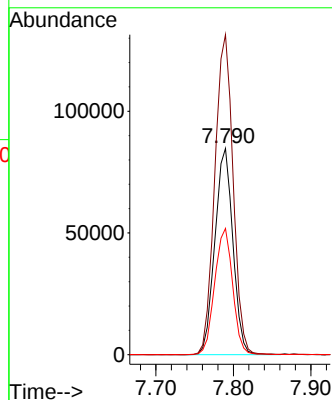
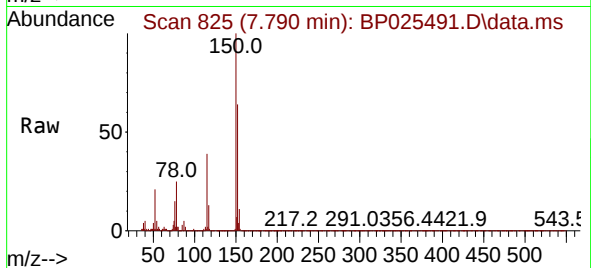




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.790 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BP025491.D  
 Acq: 20 Aug 2025 02:29

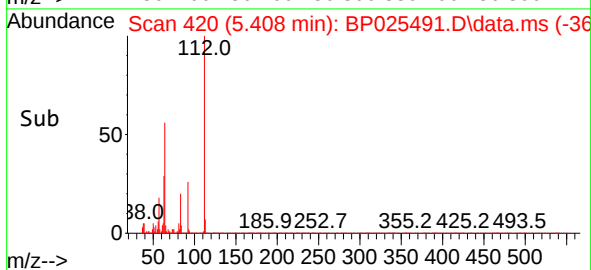
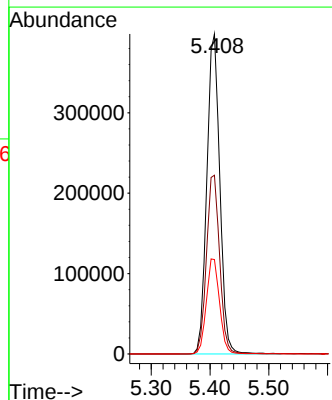
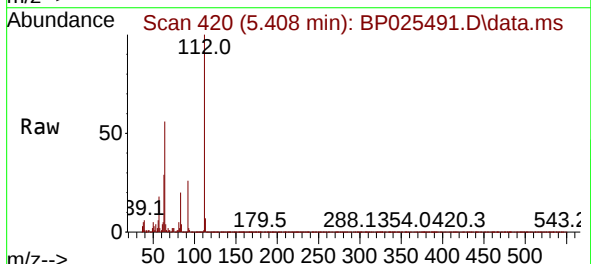
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRILL CUTTING 1-3 COMP

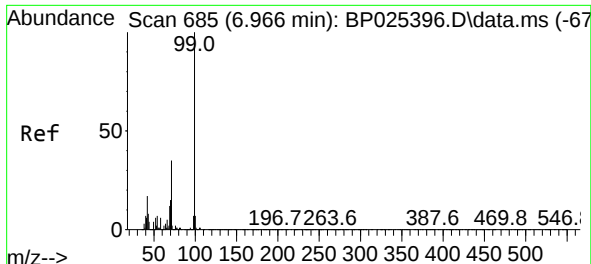
Tgt Ion:152 Resp: 137152  
 Ion Ratio Lower Upper  
 152 100  
 150 155.2 125.9 188.9  
 115 61.2 48.5 72.7



#5  
 2-Fluorophenol  
 Concen: 73.614 ng  
 RT: 5.408 min Scan# 420  
 Delta R.T. -0.000 min  
 Lab File: BP025491.D  
 Acq: 20 Aug 2025 02:29

Tgt Ion:112 Resp: 607959  
 Ion Ratio Lower Upper  
 112 100  
 64 55.9 43.8 65.8  
 63 29.5 22.7 34.1

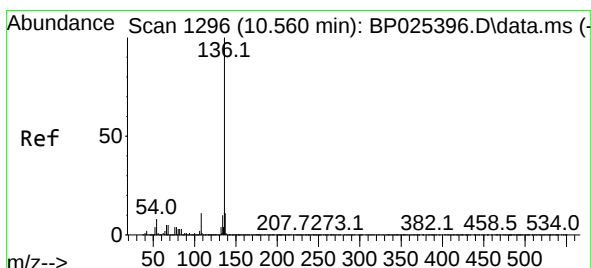
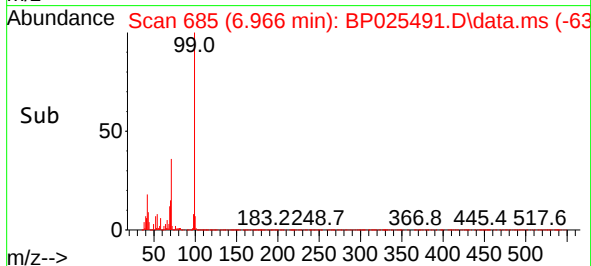
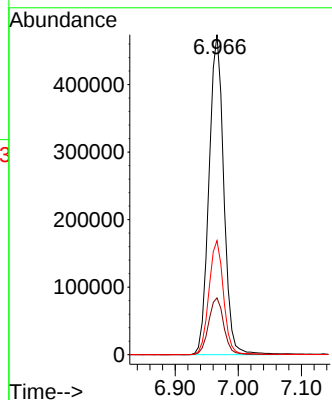
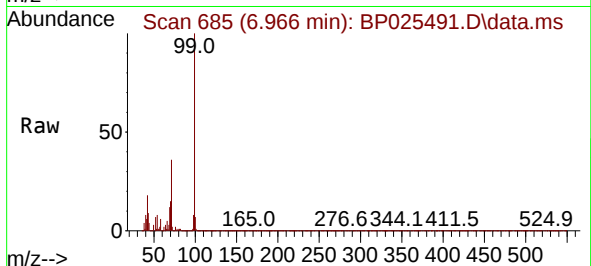




#7  
Phenol-d6  
Concen: 72.636 ng  
RT: 6.966 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP025491.D  
Acq: 20 Aug 2025 02:29

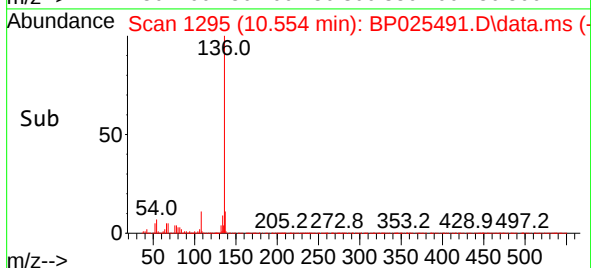
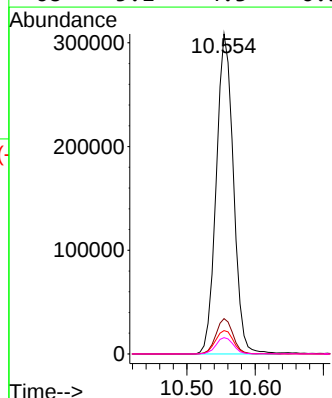
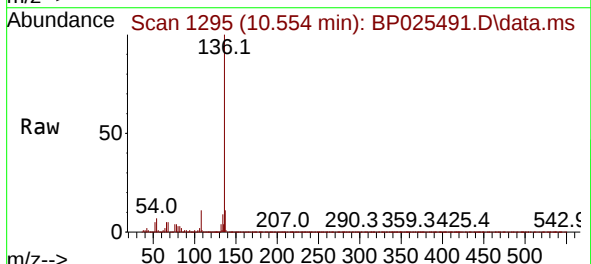
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL CUTTING 1-3 COMP

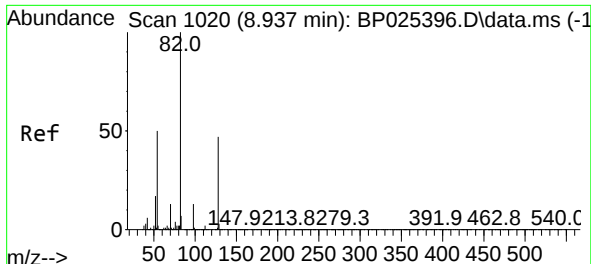
Tgt Ion: 99 Resp: 769096  
Ion Ratio Lower Upper  
99 100  
42 17.8 13.7 20.5  
71 35.6 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.554 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BP025491.D  
Acq: 20 Aug 2025 02:29

Tgt Ion: 136 Resp: 541008  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.2 13.8  
54 7.3 6.0 9.0  
68 5.1 4.3 6.5

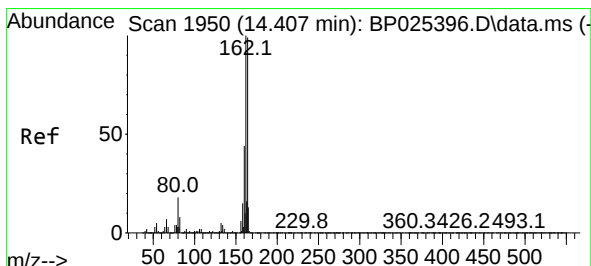
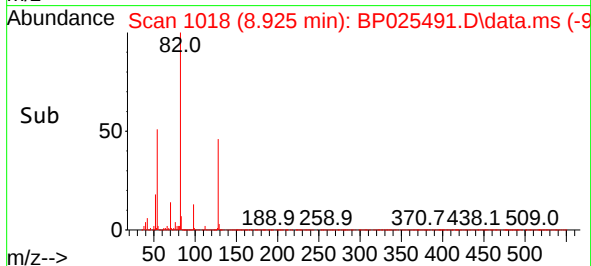
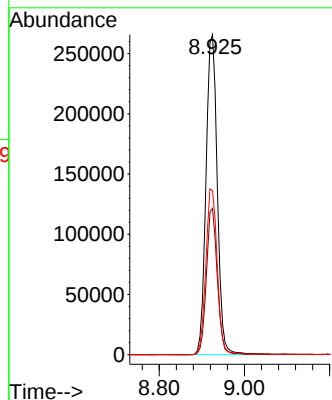
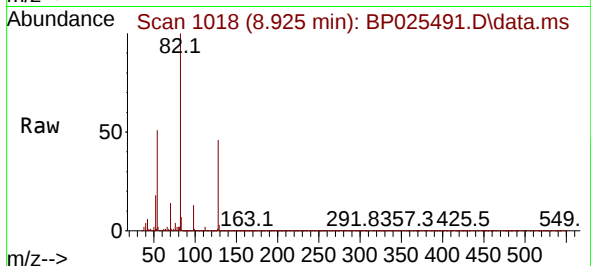




#23  
Nitrobenzene-d5  
Concen: 45.732 ng  
RT: 8.925 min Scan# 1018  
Delta R.T. -0.012 min  
Lab File: BP025491.D  
Acq: 20 Aug 2025 02:29

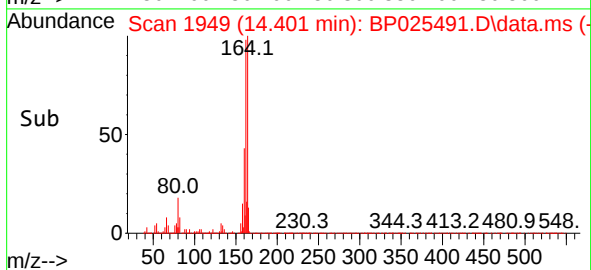
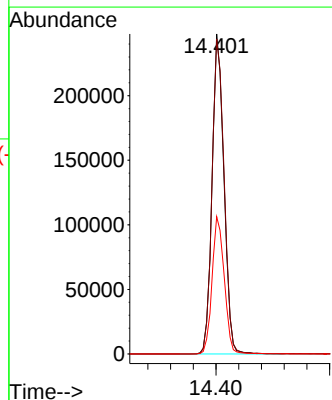
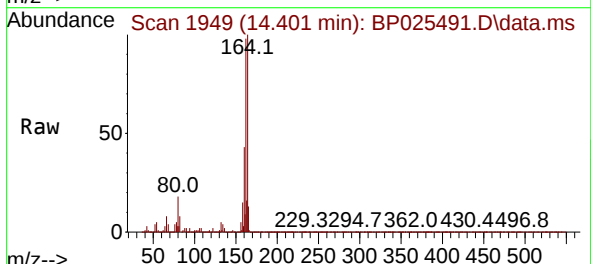
Instrument :  
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DRILL CUTTING 1-3 COMP

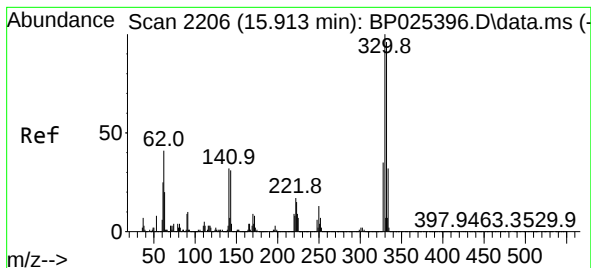
Tgt Ion: 82 Resp: 489102  
Ion Ratio Lower Upper  
82 100  
128 45.7 37.7 56.5  
54 51.3 39.8 59.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.401 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: BP025491.D  
Acq: 20 Aug 2025 02:29

Tgt Ion:164 Resp: 356749  
Ion Ratio Lower Upper  
164 100  
162 98.5 81.0 121.6  
160 42.9 35.4 53.2

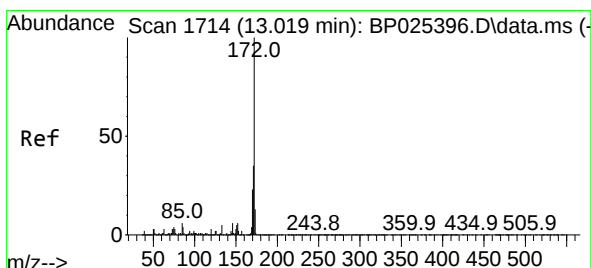
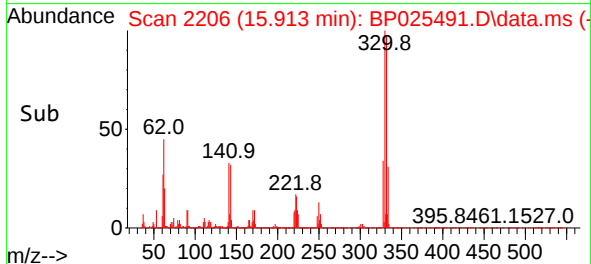
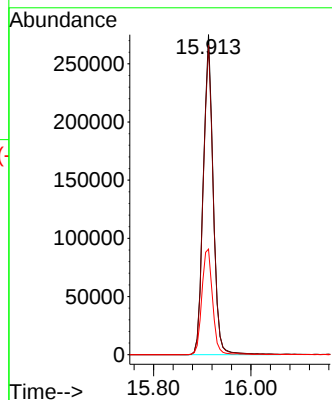
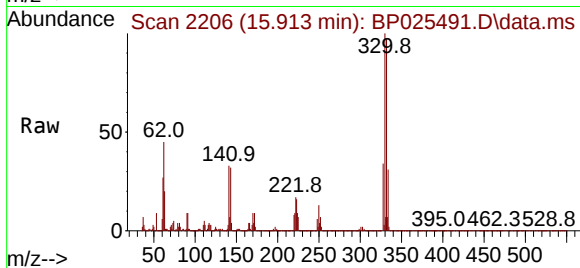




#42  
2,4,6-Tribromophenol  
Concen: 80.753 ng  
RT: 15.913 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP025491.D  
Acq: 20 Aug 2025 02:29

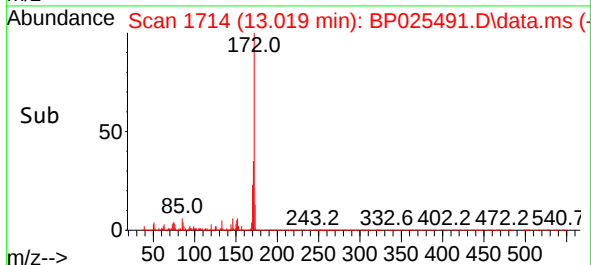
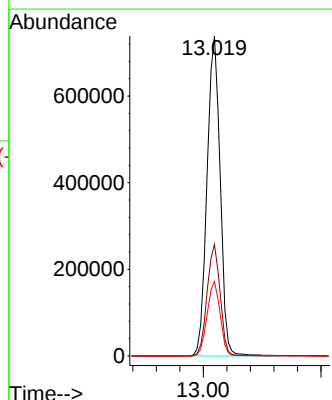
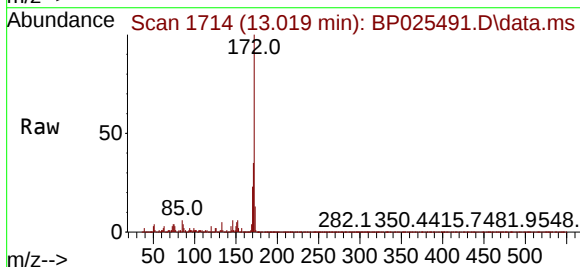
Instrument :  
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DRILL CUTTING 1-3 COMP

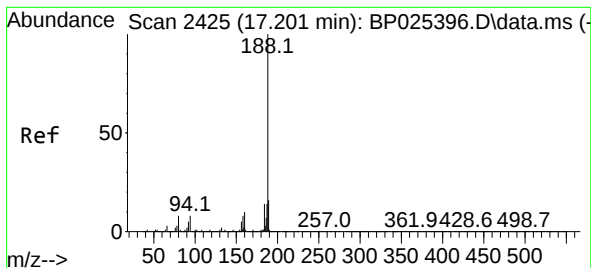
Tgt Ion:330 Resp: 387764  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.3 115.9  
141 35.9 26.6 39.8



#45  
2-Fluorobiphenyl  
Concen: 43.937 ng  
RT: 13.019 min Scan# 1714  
Delta R.T. -0.000 min  
Lab File: BP025491.D  
Acq: 20 Aug 2025 02:29

Tgt Ion:172 Resp: 1146898  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.1 42.1  
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BP025491.D

Acq: 20 Aug 2025 02:29

Instrument :

BNA\_P

ClientSampleId :

DRILL CUTTING 1-3 COMP

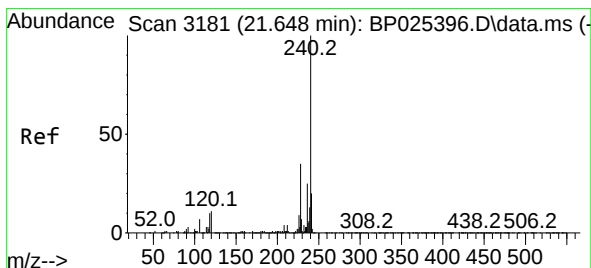
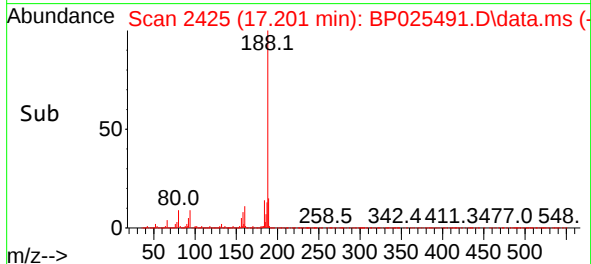
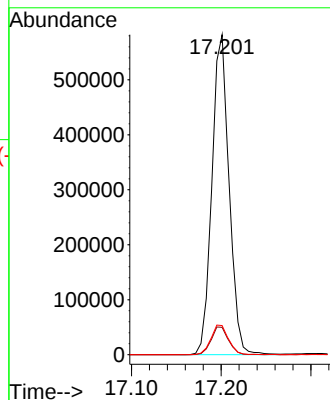
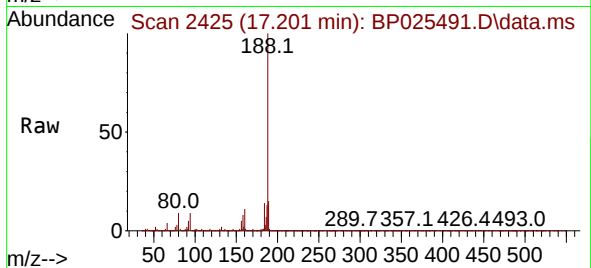
Tgt Ion:188 Resp: 773635

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.1 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.018 min

Lab File: BP025491.D

Acq: 20 Aug 2025 02:29

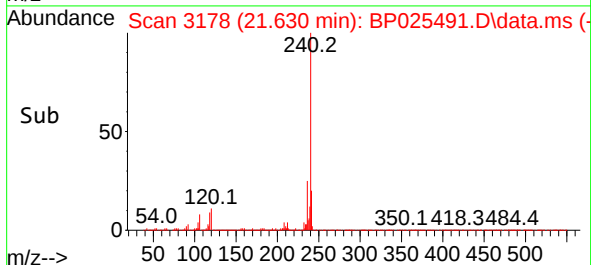
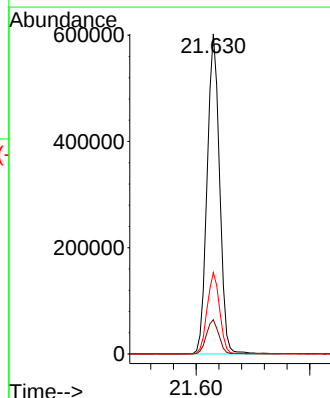
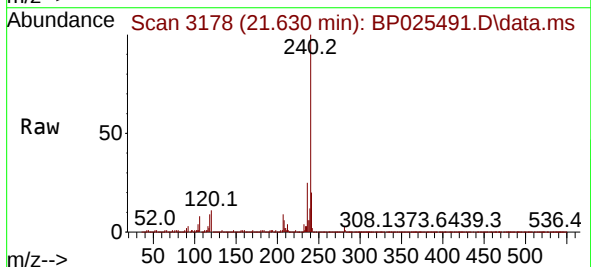
Tgt Ion:240 Resp: 910698

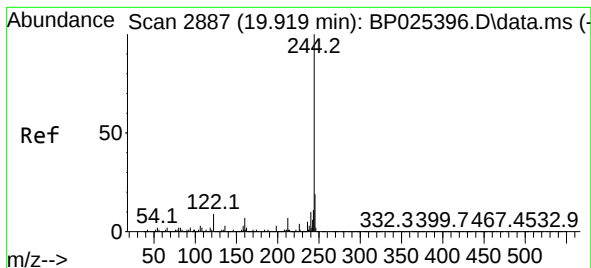
Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.4 19.8 29.8





#79

Terphenyl-d14

Concen: 46.502 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025491.D

Acq: 20 Aug 2025 02:29

Instrument :

BNA\_P

ClientSampleId :

DRILL CUTTING 1-3 COMP

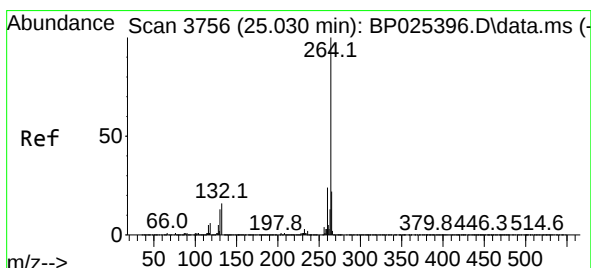
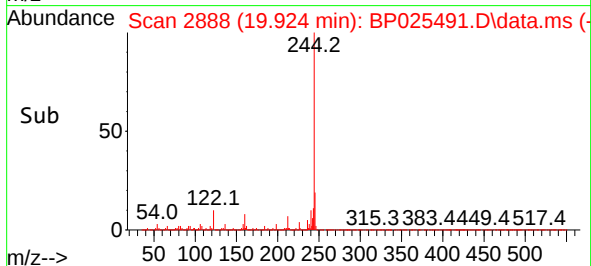
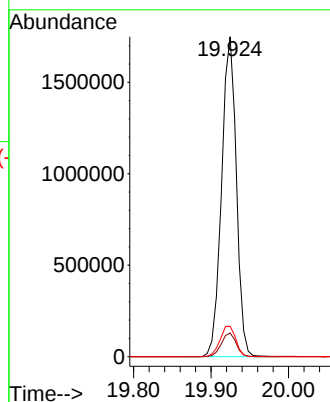
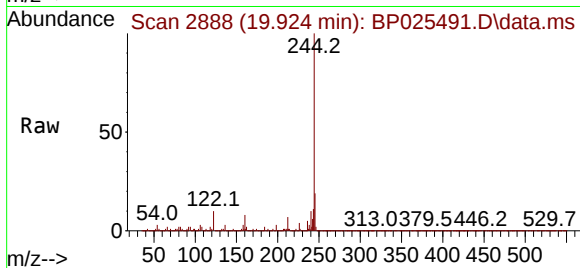
Tgt Ion:244 Resp: 2314715

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.5 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.035 min

Lab File: BP025491.D

Acq: 20 Aug 2025 02:29

Tgt Ion:264 Resp: 995130

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 22.0 17.4 26.0

