

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081525\  
 Data File : BP025428.D  
 Acq On : 15 Aug 2025 15:31  
 Operator : CG/JU  
 Sample : Q2814-11RE  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TW-38M-S

Quant Time: Aug 15 15:51:46 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

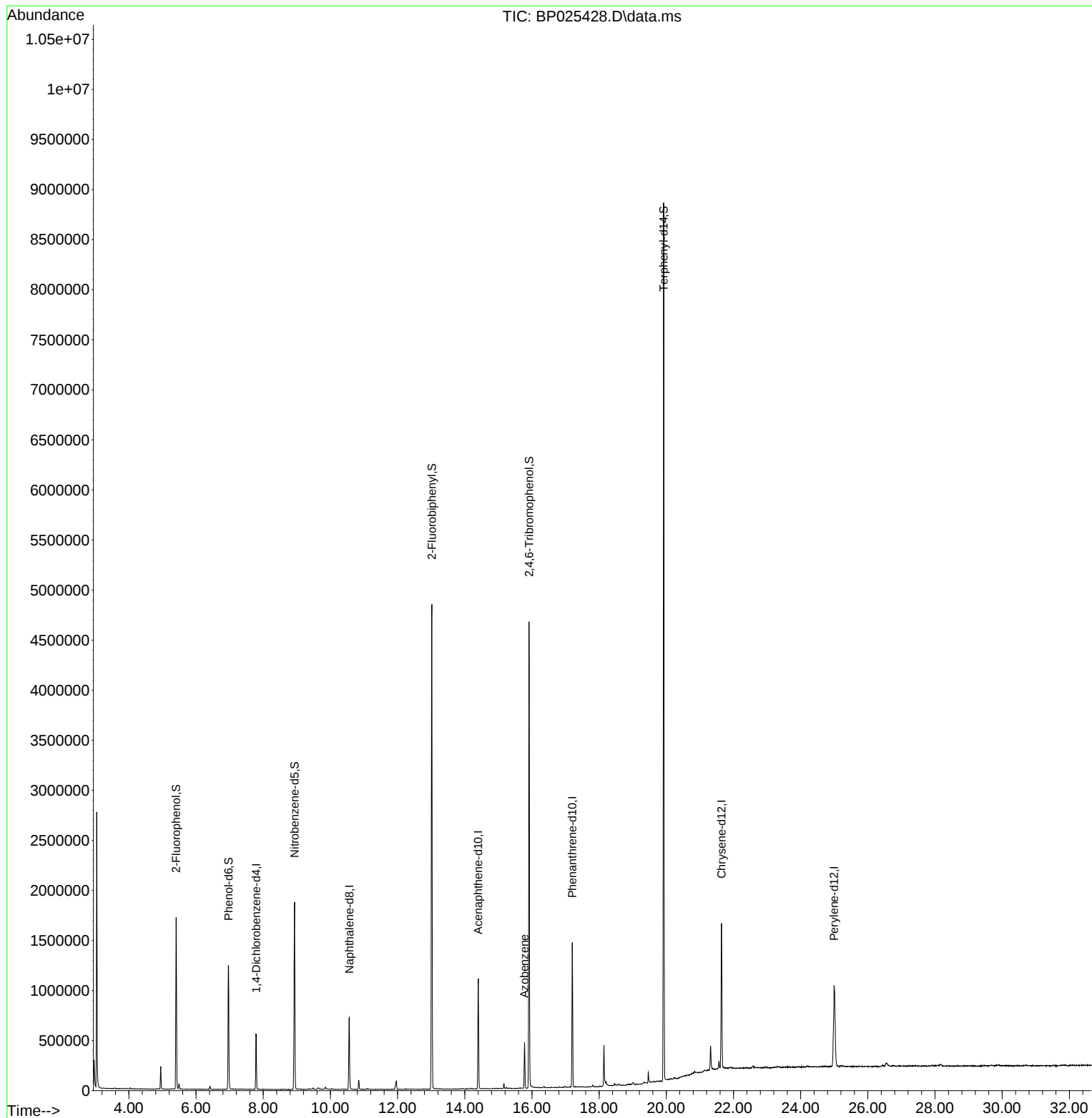
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)      |
|-----------------------------|--------|------|----------|---------|-------|---------------|
| -----                       |        |      |          |         |       |               |
| Internal Standards          |        |      |          |         |       |               |
| 1) 1,4-Dichlorobenzene-d4   | 7.790  | 152  | 146846   | 20.000  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.560 | 136  | 593307   | 20.000  | ng    | 0.00          |
| 39) Acenaphthene-d10        | 14.401 | 164  | 414287   | 20.000  | ng    | 0.00          |
| 64) Phenanthrene-d10        | 17.201 | 188  | 891190   | 20.000  | ng    | 0.00          |
| 76) Chrysene-d12            | 21.642 | 240  | 944143   | 20.000  | ng    | 0.00          |
| 86) Perylene-d12            | 24.995 | 264  | 1024213  | 20.000  | ng    | -0.04         |
| System Monitoring Compounds |        |      |          |         |       |               |
| 5) 2-Fluorophenol           | 5.408  | 112  | 757334   | 85.648  | ng    | 0.00          |
| 7) Phenol-d6                | 6.966  | 99   | 734149   | 64.758  | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 8.931  | 82   | 1112271  | 94.833  | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 15.913 | 330  | 882230   | 158.210 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 13.019 | 172  | 2672805  | 88.173  | ng    | 0.00          |
| 79) Terphenyl-d14           | 19.919 | 244  | 4677235  | 90.636  | ng    | 0.00          |
| Target Compounds            |        |      |          |         |       |               |
| 63) Azobenzene              | 15.778 | 77   | 135578   | 5.136   | ng    | Qvalue<br># 1 |
| -----                       |        |      |          |         |       |               |

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

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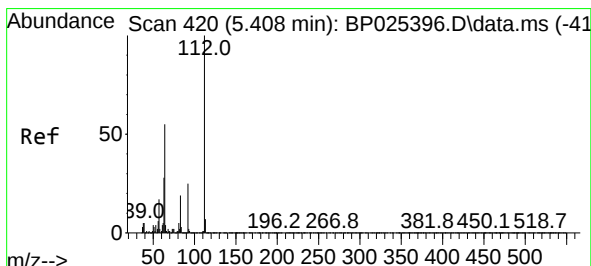
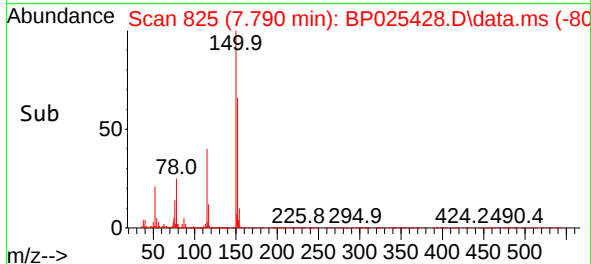
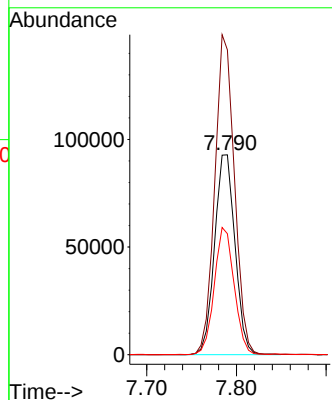
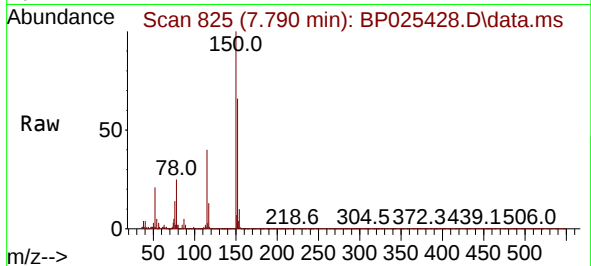




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.790 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BP025428.D  
 Acq: 15 Aug 2025 15:31

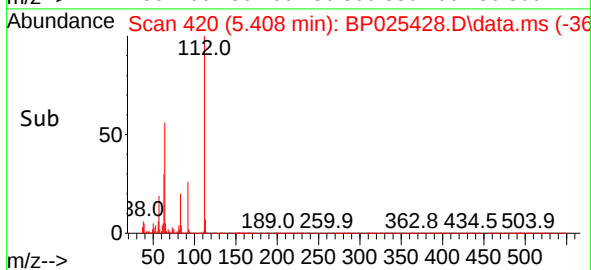
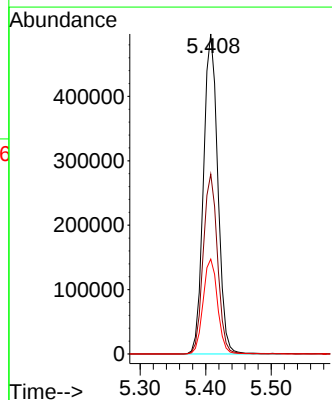
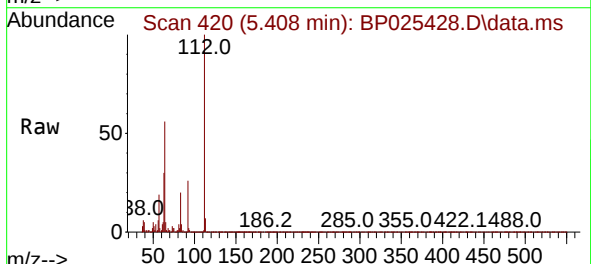
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TW-38M-S

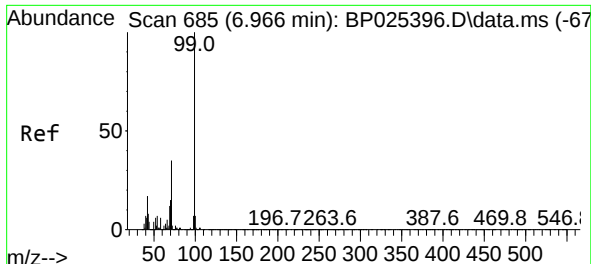
Tgt Ion:152 Resp: 146846  
 Ion Ratio Lower Upper  
 152 100  
 150 152.5 125.9 188.9  
 115 60.5 48.5 72.7



#5  
 2-Fluorophenol  
 Concen: 85.648 ng  
 RT: 5.408 min Scan# 420  
 Delta R.T. 0.000 min  
 Lab File: BP025428.D  
 Acq: 15 Aug 2025 15:31

Tgt Ion:112 Resp: 757334  
 Ion Ratio Lower Upper  
 112 100  
 64 56.2 43.8 65.8  
 63 29.7 22.7 34.1

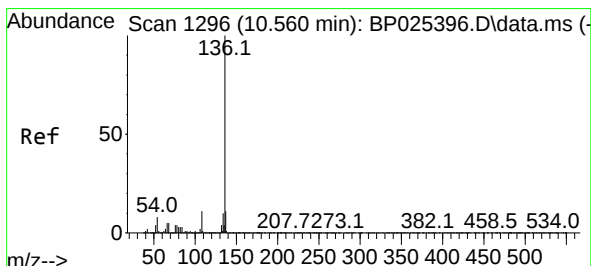
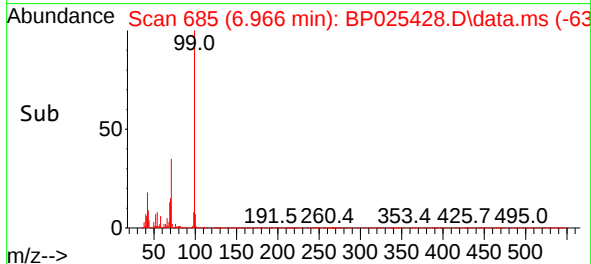
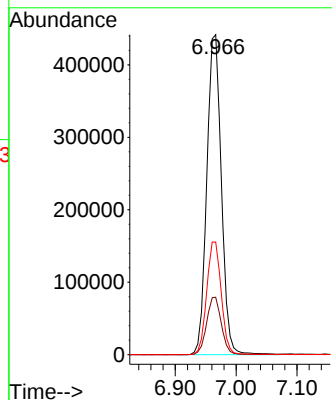
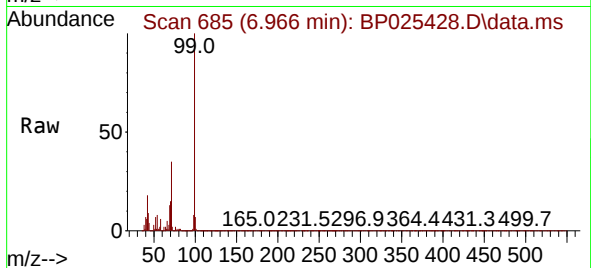




#7  
Phenol-d6  
Concen: 64.758 ng  
RT: 6.966 min Scan# 685  
Delta R.T. 0.000 min  
Lab File: BP025428.D  
Acq: 15 Aug 2025 15:31

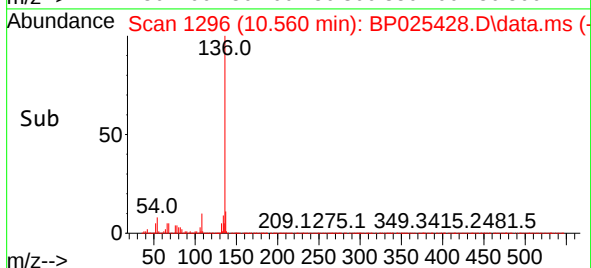
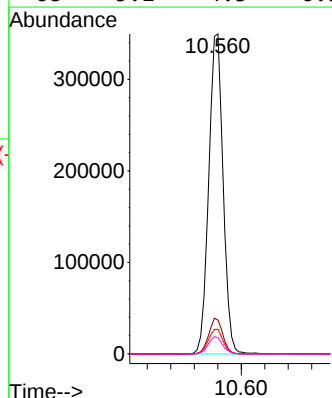
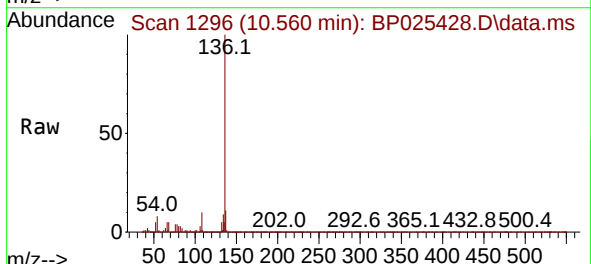
Instrument :  
BNA\_P  
ClientSampleId :  
TW-38M-S

Tgt Ion: 99 Resp: 734149  
Ion Ratio Lower Upper  
99 100  
42 17.9 13.7 20.5  
71 35.2 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.560 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BP025428.D  
Acq: 15 Aug 2025 15:31

Tgt Ion: 136 Resp: 593307  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.2 13.8  
54 7.8 6.0 9.0  
68 5.1 4.3 6.5

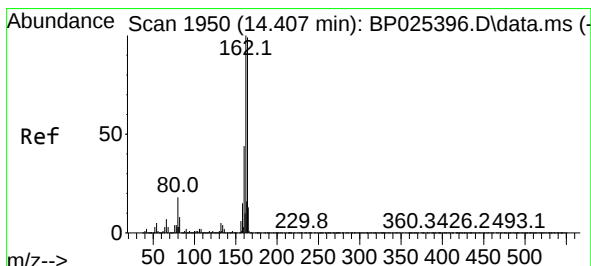
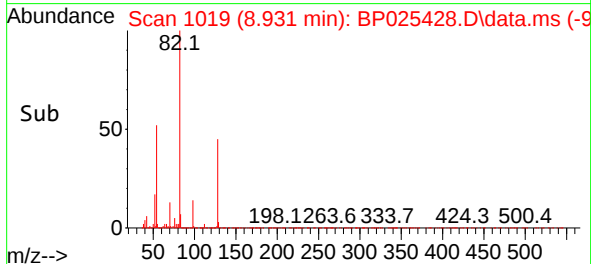
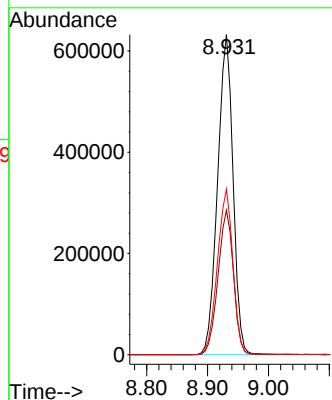
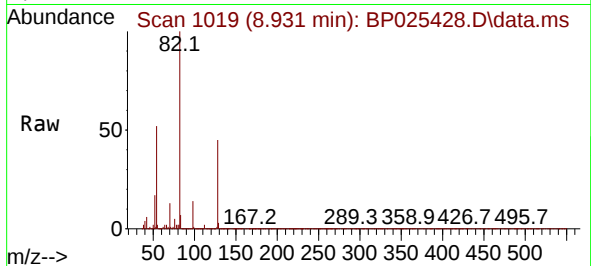




#23  
Nitrobenzene-d5  
Concen: 94.833 ng  
RT: 8.931 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BP025428.D  
Acq: 15 Aug 2025 15:31

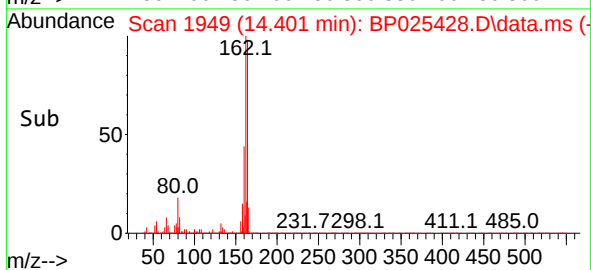
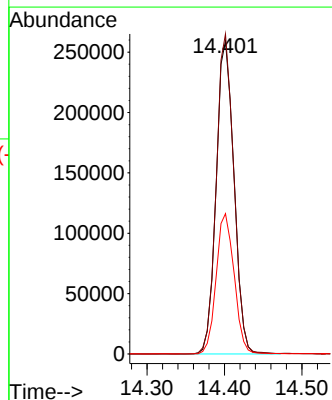
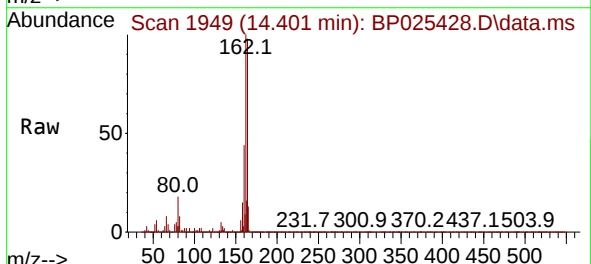
Instrument :  
BNA\_P  
ClientSampleId :  
TW-38M-S

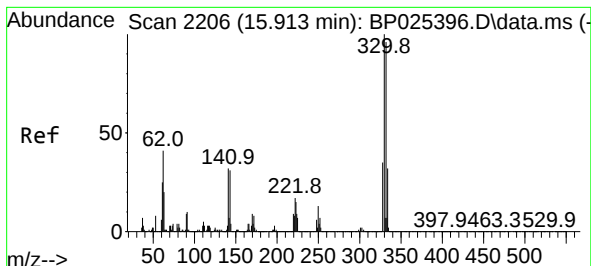
Tgt Ion: 82 Resp: 1112271  
Ion Ratio Lower Upper  
82 100  
128 45.1 37.7 56.5  
54 51.8 39.8 59.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.401 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: BP025428.D  
Acq: 15 Aug 2025 15:31

Tgt Ion:164 Resp: 414287  
Ion Ratio Lower Upper  
164 100  
162 102.2 81.0 121.6  
160 44.8 35.4 53.2

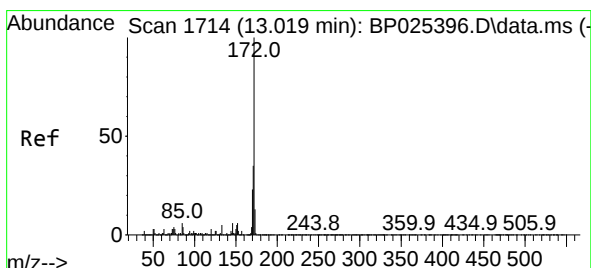
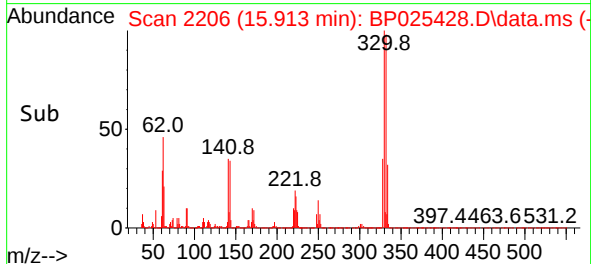
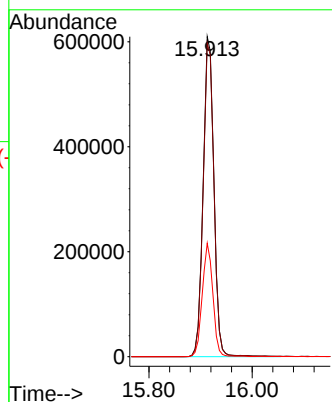
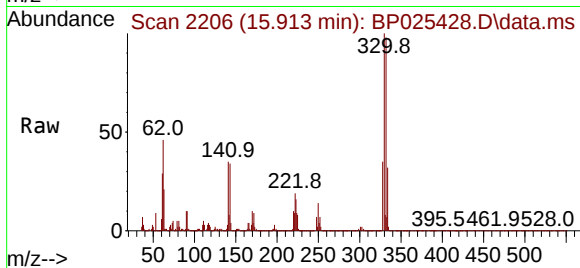




#42  
2,4,6-Tribromophenol  
Concen: 158.210 ng  
RT: 15.913 min Scan# 2206  
Delta R.T. 0.000 min  
Lab File: BP025428.D  
Acq: 15 Aug 2025 15:31

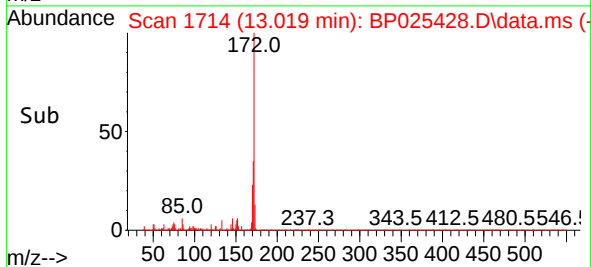
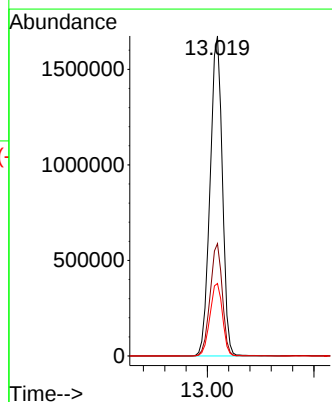
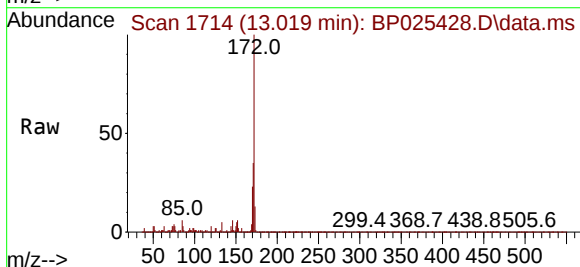
Instrument :  
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ClientSampleId :  
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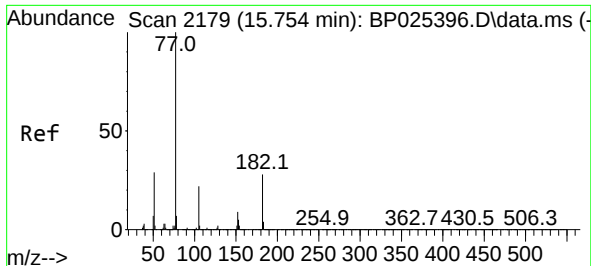
Tgt Ion:330 Resp: 882230  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.3 115.9  
141 34.9 26.6 39.8



#45  
2-Fluorobiphenyl  
Concen: 88.173 ng  
RT: 13.019 min Scan# 1714  
Delta R.T. 0.000 min  
Lab File: BP025428.D  
Acq: 15 Aug 2025 15:31

Tgt Ion:172 Resp: 2672805  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.1 42.1  
170 22.7 18.6 28.0

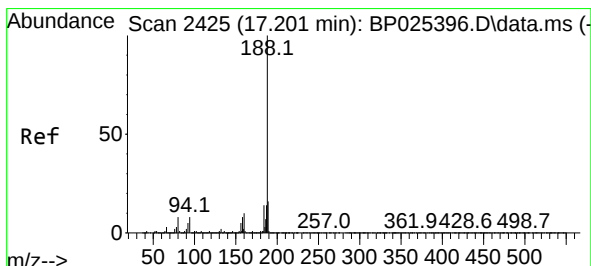
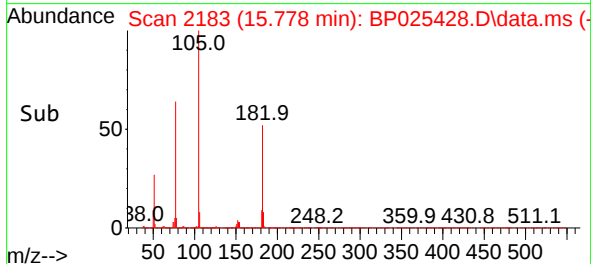
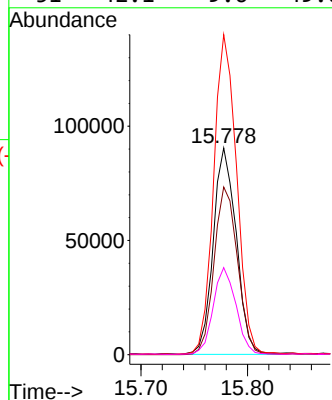
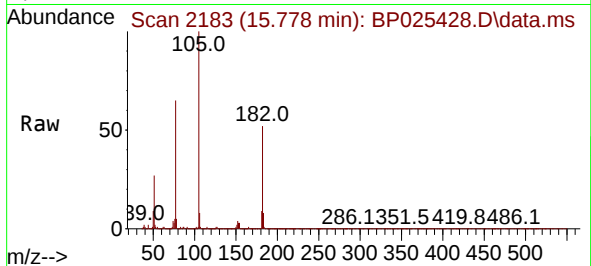




#63  
Azobenzene  
Concen: 5.136 ng  
RT: 15.778 min Scan# 2179  
Delta R.T. 0.024 min  
Lab File: BP025428.D  
Acq: 15 Aug 2025 15:31

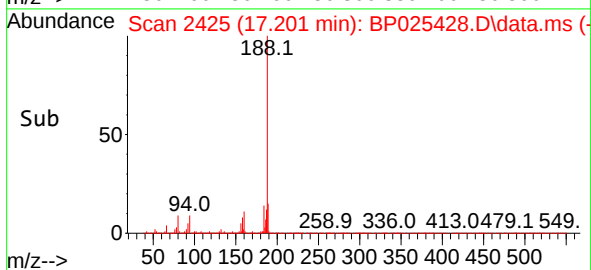
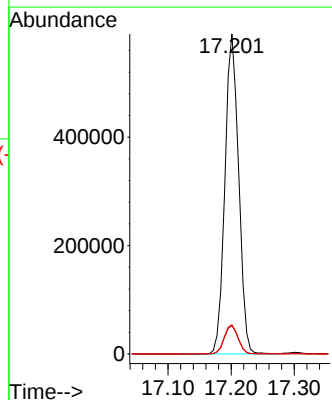
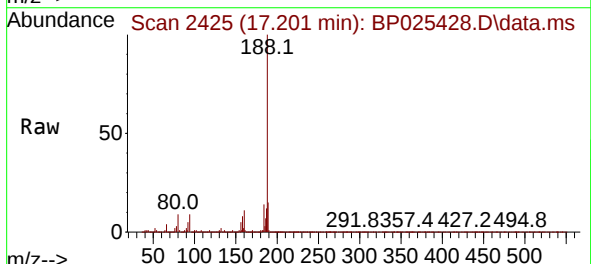
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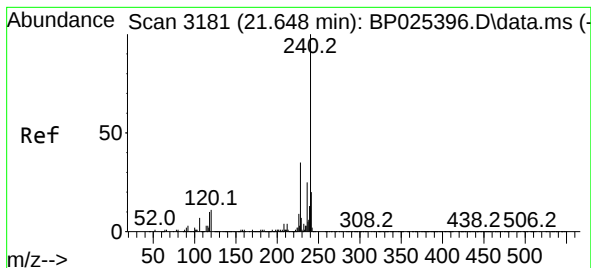
Tgt Ion: 77 Resp: 135578  
Ion Ratio Lower Upper  
77 100  
182 81.2 7.5 47.5#  
105 154.9 2.1 42.1#  
51 42.1 9.6 49.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.201 min Scan# 2425  
Delta R.T. 0.000 min  
Lab File: BP025428.D  
Acq: 15 Aug 2025 15:31

Tgt Ion:188 Resp: 891190  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.6 10.0  
80 9.1 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3181

Delta R.T. -0.006 min

Lab File: BP025428.D

Acq: 15 Aug 2025 15:31

Instrument :

BNA\_P

ClientSampleId :

TW-38M-S

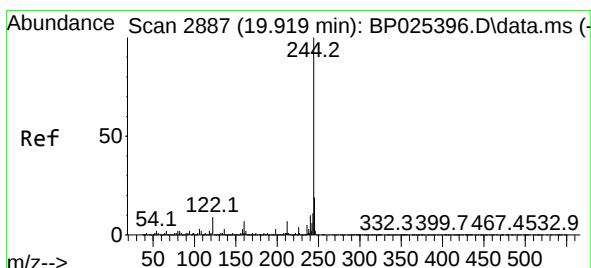
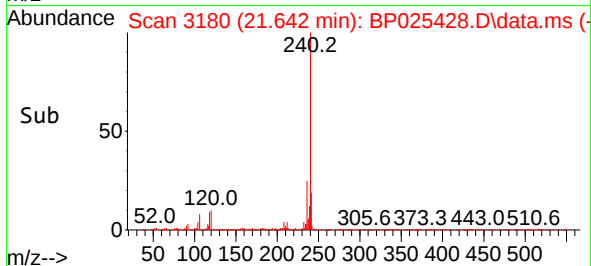
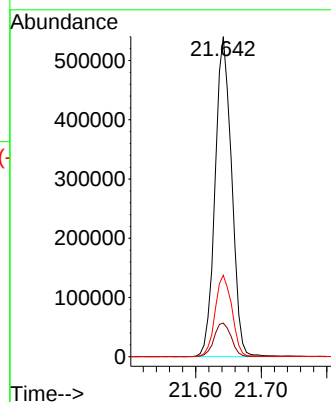
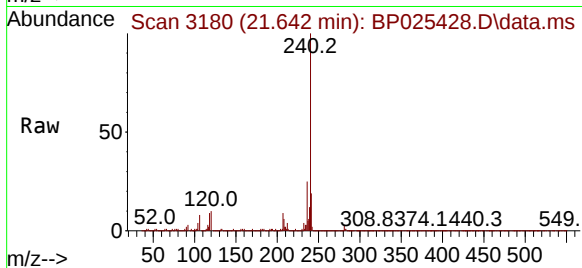
Tgt Ion:240 Resp: 944143

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.5 19.8 29.8



#79

Terphenyl-d14

Concen: 90.636 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025428.D

Acq: 15 Aug 2025 15:31

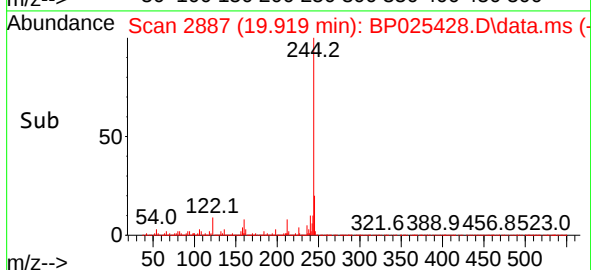
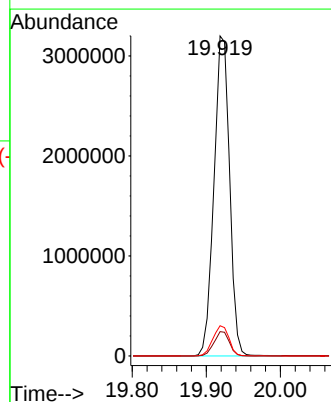
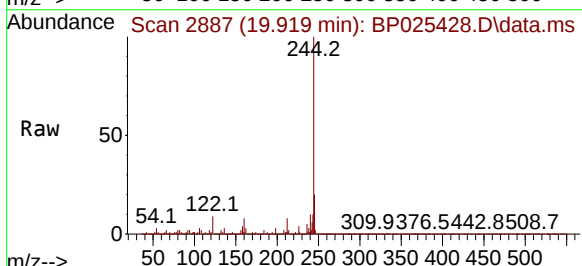
Tgt Ion:244 Resp: 4677235

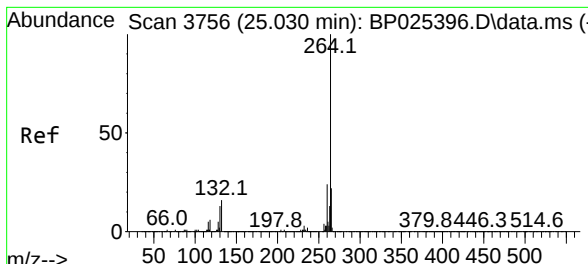
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.5 7.4 11.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.995 min Scan# 31  
 Delta R.T. -0.035 min  
 Lab File: BP025428.D  
 Acq: 15 Aug 2025 15:31

Instrument :  
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Tgt Ion:264 Resp: 1024213

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.1  | 19.3  | 28.9  |
| 265 | 22.3  | 17.4  | 26.0  |

