

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121525\  
 Data File : BP026335.D  
 Acq On : 15 Dec 2025 21:41  
 Operator : RC/JU  
 Sample : Q3859-01 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HD-02-121225

Quant Time: Dec 16 00:57:37 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 15 14:15:35 2025  
 Response via : Initial Calibration

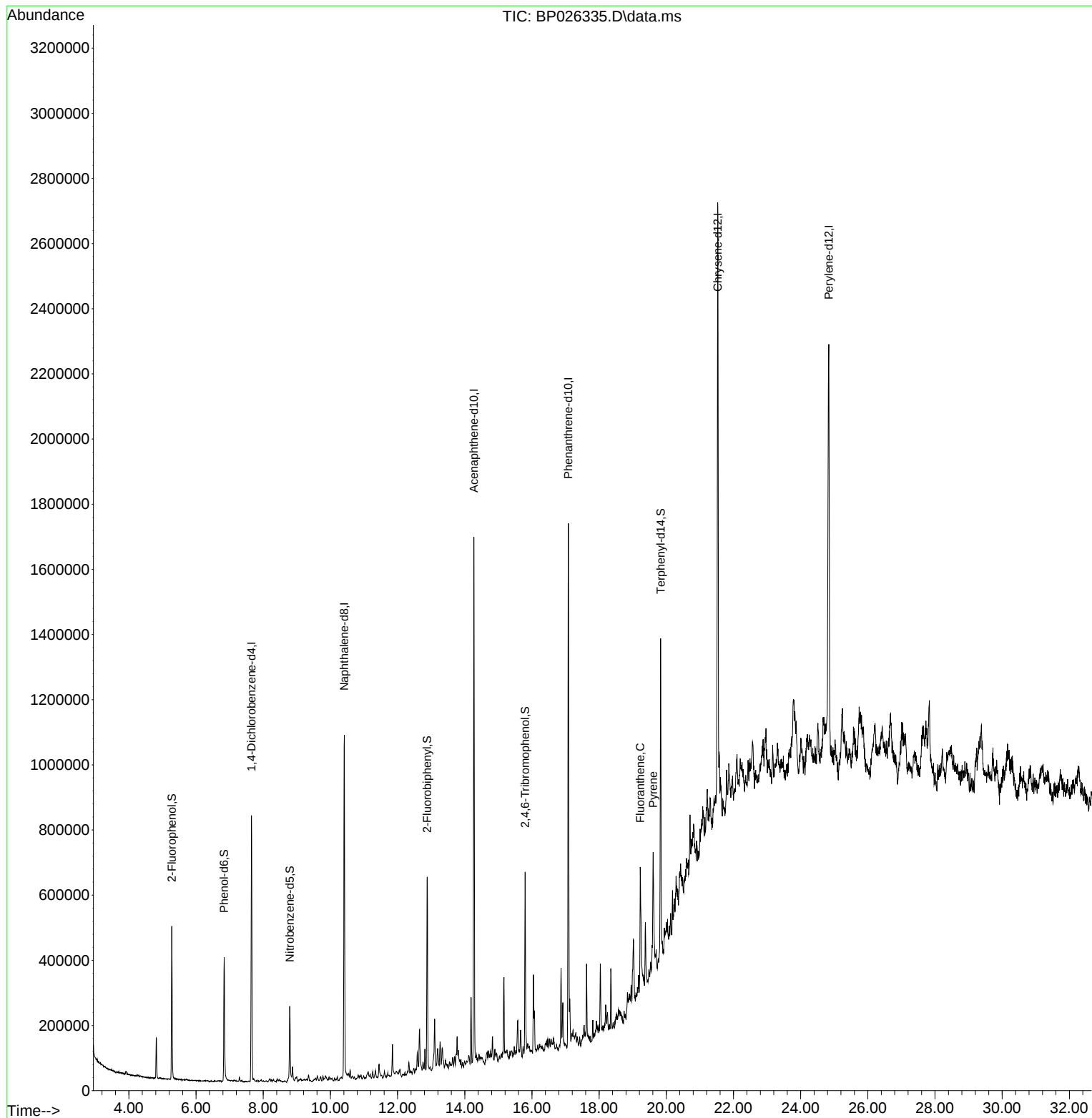
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.649  | 152  | 236989   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.413 | 136  | 902315   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.272 | 164  | 578353   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.084 | 188  | 1111705  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.530 | 240  | 1164242  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 24.836 | 264  | 1350458  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.278  | 112  | 219665   | 14.902 | ng    | 0.00     |
| 7) Phenol-d6                | 6.837  | 99   | 248483   | 13.352 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.790  | 82   | 143092   | 8.978  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.795 | 330  | 121886   | 15.858 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.884 | 172  | 386368   | 9.658  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.830 | 244  | 561801   | 9.614  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene            | 19.225 | 202  | 190504   | 2.498  | ng    | 97       |
| 78) Pyrene                  | 19.607 | 202  | 184938   | 2.380  | ng    | 98       |
| -----                       |        |      |          |        |       |          |

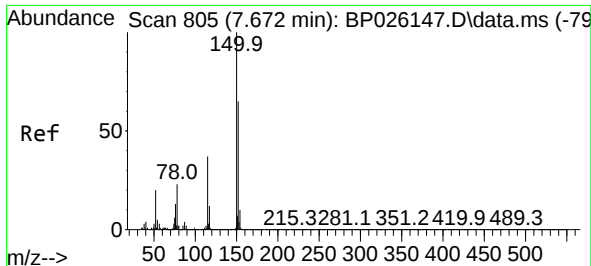
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121525\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
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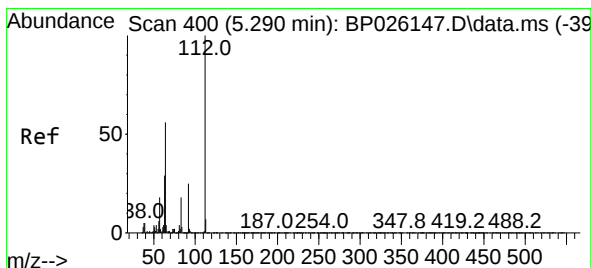
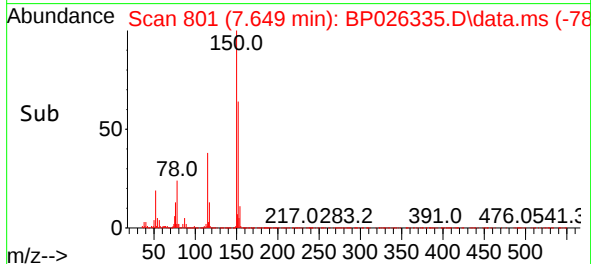
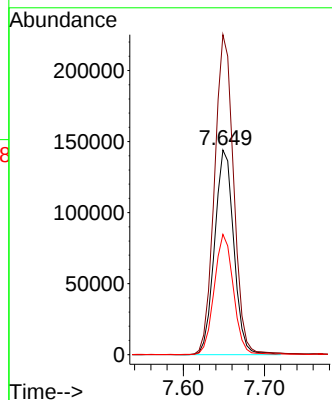
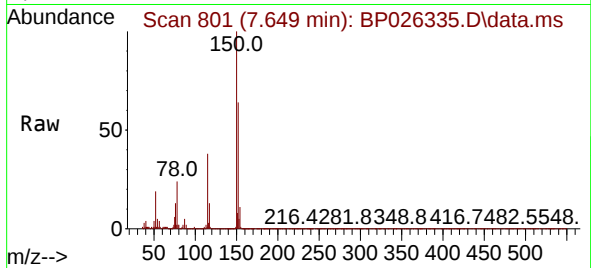




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.649 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BP026335.D  
Acq: 15 Dec 2025 21:41

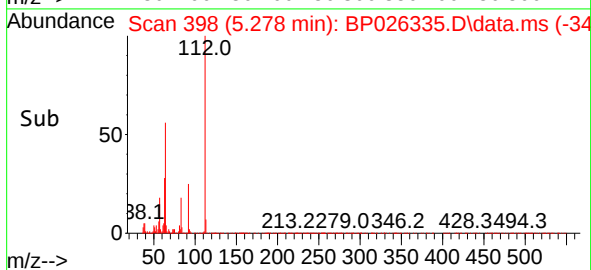
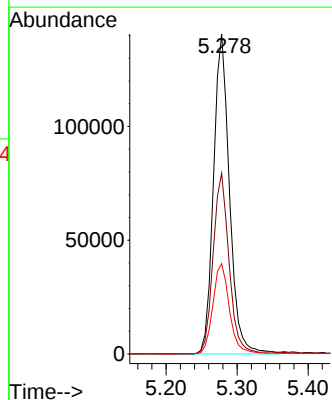
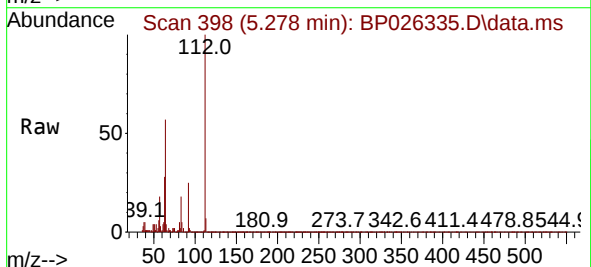
Instrument :  
BNA\_P  
ClientSampleId :  
HD-02-121225

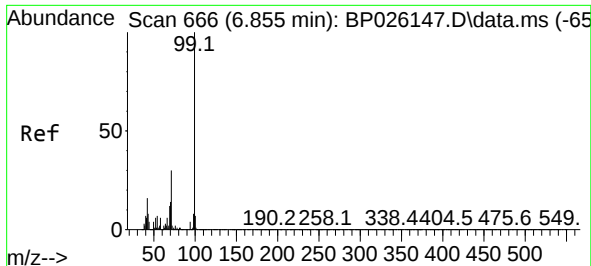
Tgt Ion:152 Resp: 236989  
Ion Ratio Lower Upper  
152 100  
150 156.4 123.0 184.6  
115 58.8 46.3 69.5



#5  
2-Fluorophenol  
Concen: 14.902 ng  
RT: 5.278 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: BP026335.D  
Acq: 15 Dec 2025 21:41

Tgt Ion:112 Resp: 219665  
Ion Ratio Lower Upper  
112 100  
64 56.5 45.8 68.6  
63 28.2 23.5 35.3

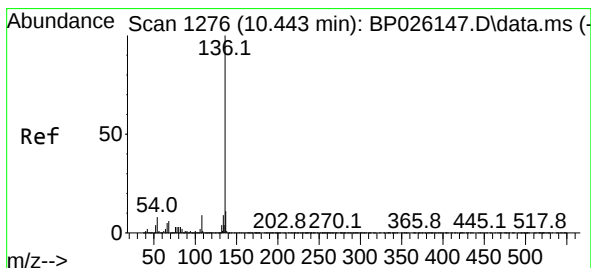
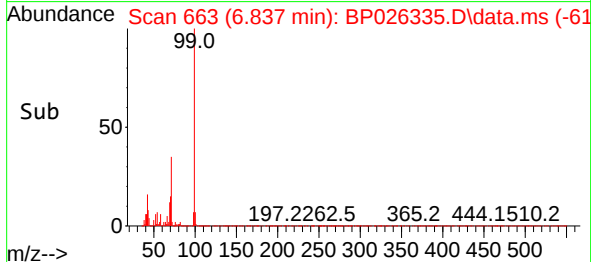
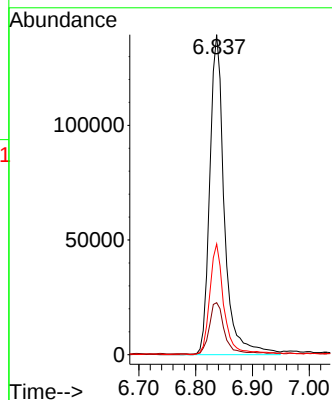
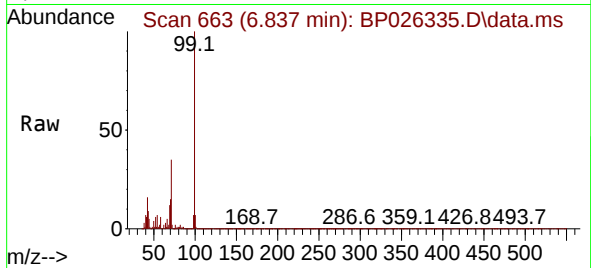




#7  
Phenol-d6  
Concen: 13.352 ng  
RT: 6.837 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP026335.D  
Acq: 15 Dec 2025 21:41

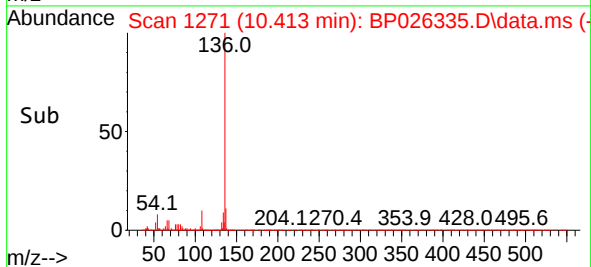
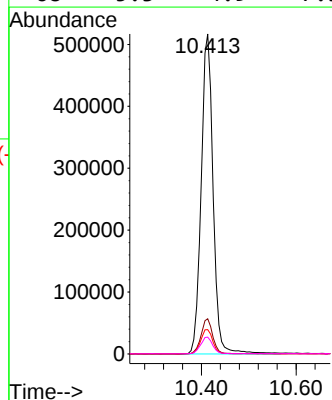
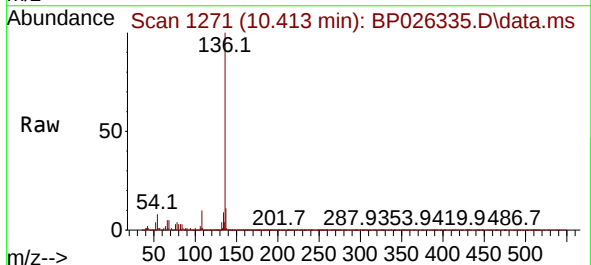
Instrument :  
BNA\_P  
ClientSampleId :  
HD-02-121225

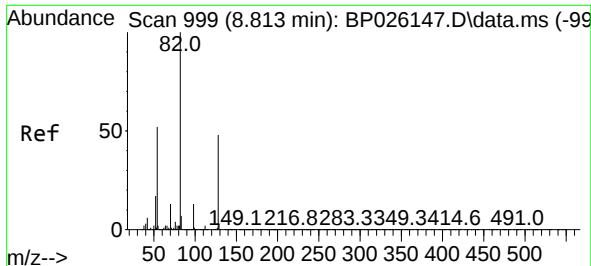
Tgt Ion: 99 Resp: 248483  
Ion Ratio Lower Upper  
99 100  
42 16.2 12.9 19.3  
71 34.6 24.8 37.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.413 min Scan# 1271  
Delta R.T. 0.006 min  
Lab File: BP026335.D  
Acq: 15 Dec 2025 21:41

Tgt Ion:136 Resp: 902315  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 7.6 6.4 9.6  
68 5.3 4.9 7.3

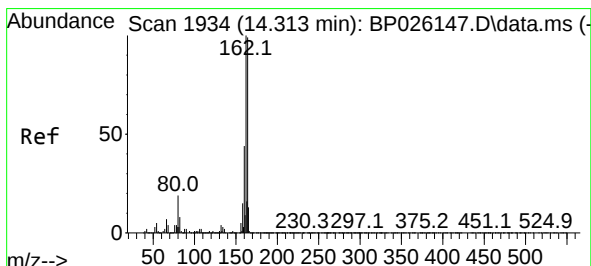
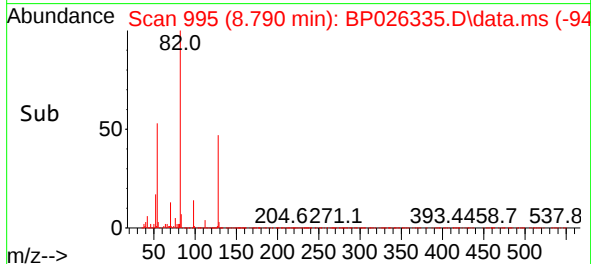
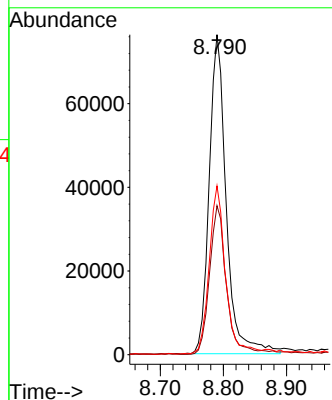
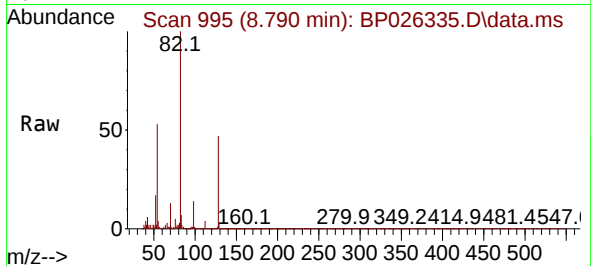




#23  
Nitrobenzene-d5  
Concen: 8.978 ng  
RT: 8.790 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BP026335.D  
Acq: 15 Dec 2025 21:41

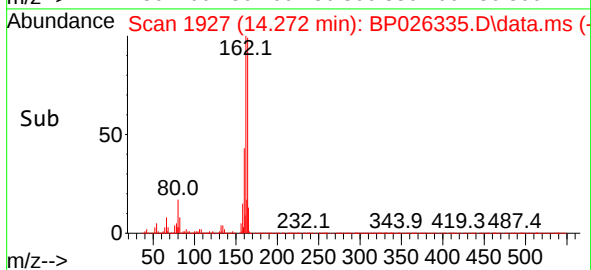
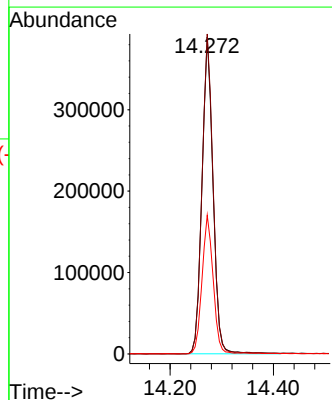
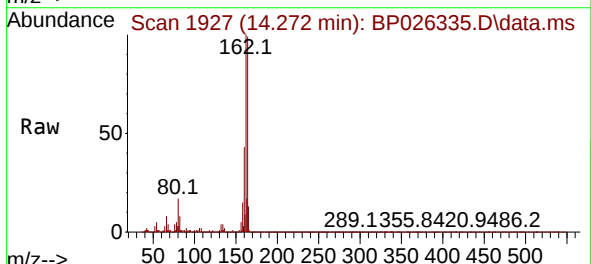
Instrument :  
BNA\_P  
ClientSampleId :  
HD-02-121225

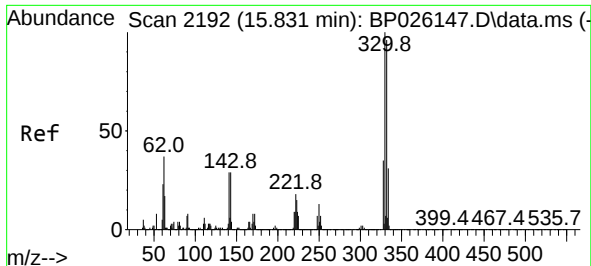
Tgt Ion: 82 Resp: 143092  
Ion Ratio Lower Upper  
82 100  
128 46.6 37.4 56.0  
54 52.8 41.6 62.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.272 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: BP026335.D  
Acq: 15 Dec 2025 21:41

Tgt Ion:164 Resp: 578353  
Ion Ratio Lower Upper  
164 100  
162 101.0 80.3 120.5  
160 43.8 35.2 52.8

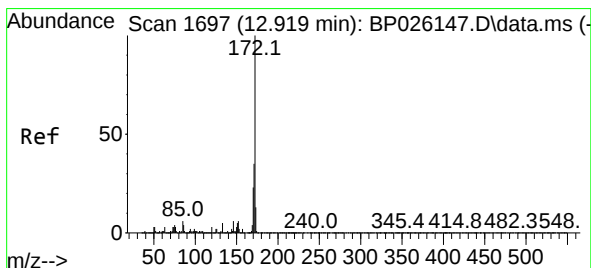
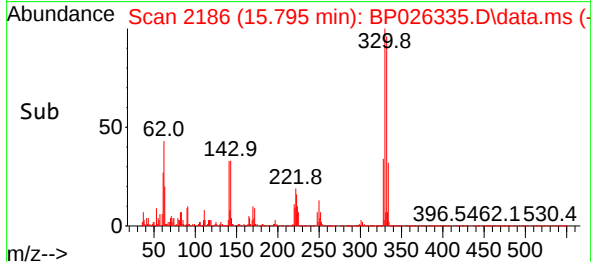
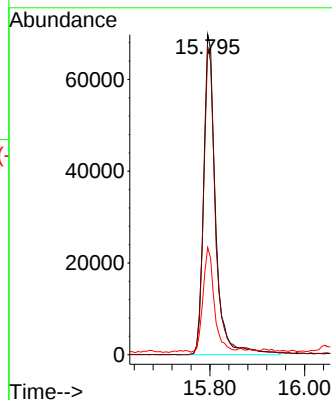
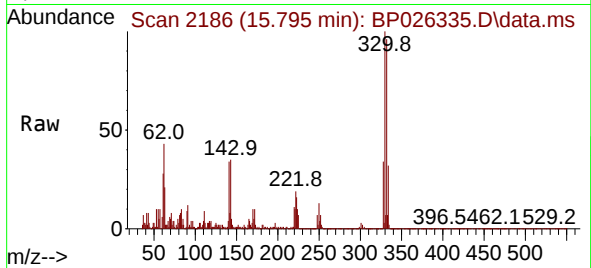




#42  
2,4,6-Tribromophenol  
Concen: 15.858 ng  
RT: 15.795 min Scan# 2192  
Delta R.T. -0.006 min  
Lab File: BP026335.D  
Acq: 15 Dec 2025 21:41

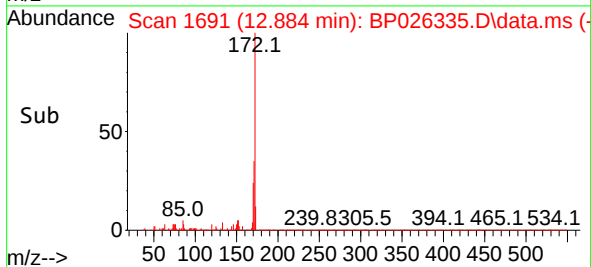
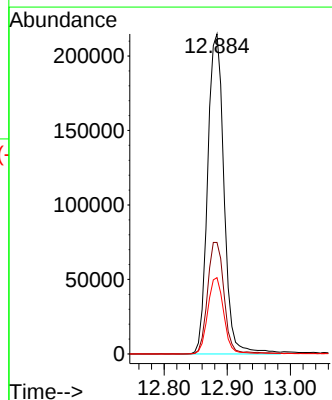
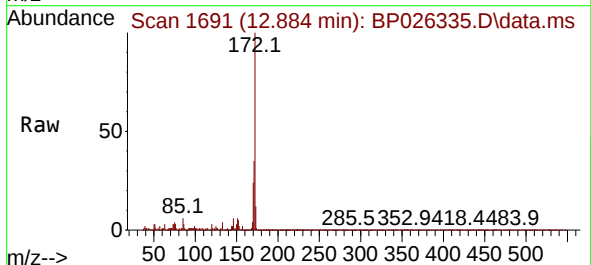
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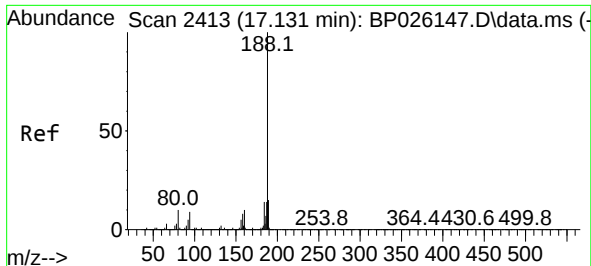
Tgt Ion: 330 Resp: 121886  
Ion Ratio Lower Upper  
330 100  
332 97.2 78.0 117.0  
141 30.8 26.8 40.2



#45  
2-Fluorobiphenyl  
Concen: 9.658 ng  
RT: 12.884 min Scan# 1691  
Delta R.T. -0.006 min  
Lab File: BP026335.D  
Acq: 15 Dec 2025 21:41

Tgt Ion: 172 Resp: 386368  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.2 42.4  
170 23.9 18.7 28.1

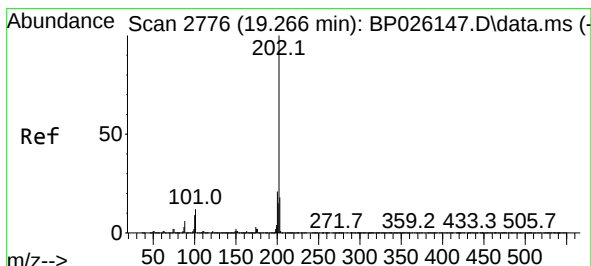
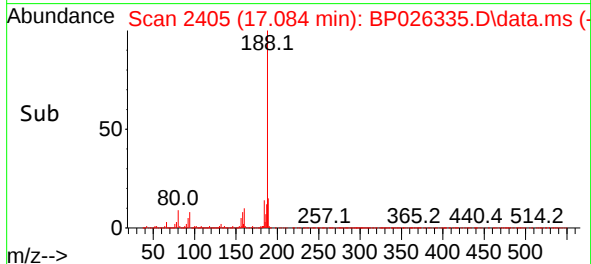
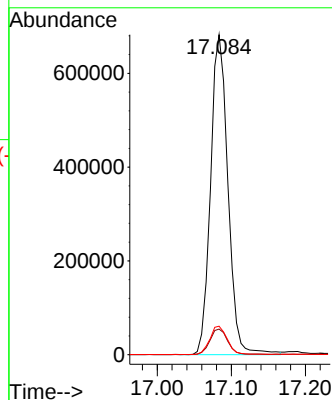
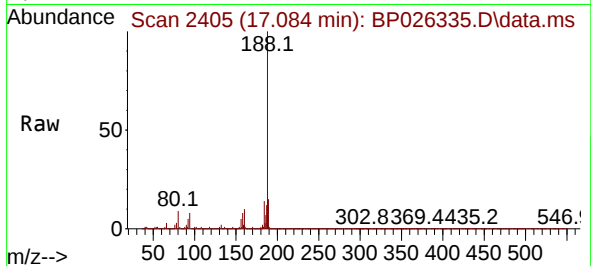




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.084 min Scan# 2413  
Delta R.T. -0.000 min  
Lab File: BP026335.D  
Acq: 15 Dec 2025 21:41

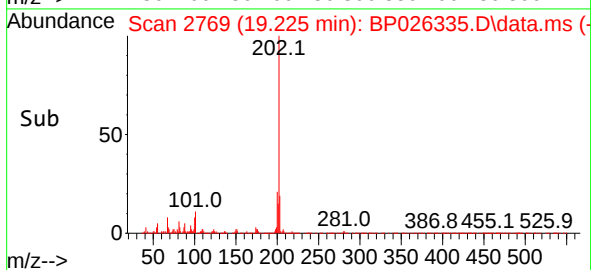
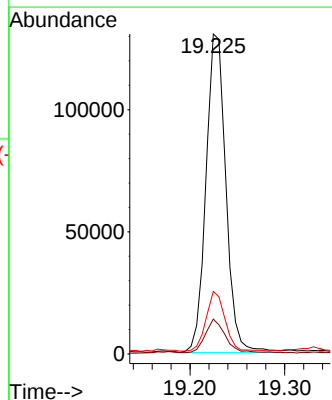
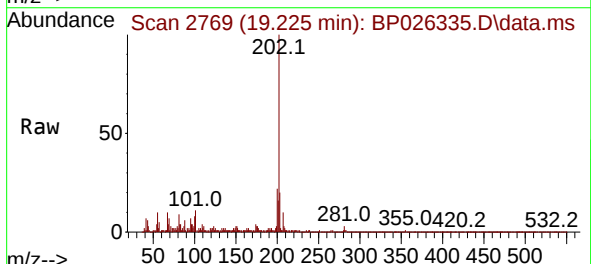
Instrument :  
BNA\_P  
ClientSampleId :  
HD-02-121225

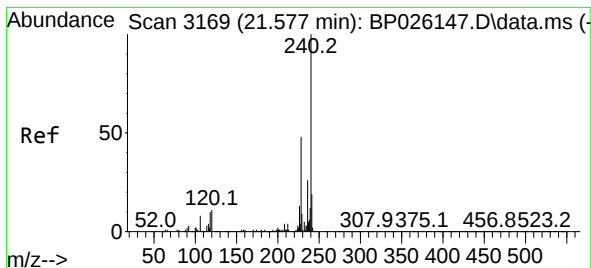
Tgt Ion:188 Resp: 1111705  
Ion Ratio Lower Upper  
188 100  
94 8.0 7.8 11.6  
80 8.9 8.2 12.2



#75  
Fluoranthene  
Concen: 2.498 ng  
RT: 19.225 min Scan# 2769  
Delta R.T. -0.000 min  
Lab File: BP026335.D  
Acq: 15 Dec 2025 21:41

Tgt Ion:202 Resp: 190504  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 31.2  
203 19.5 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP026335.D

Acq: 15 Dec 2025 21:41

Instrument :

BNA\_P

ClientSampleId :

HD-02-121225

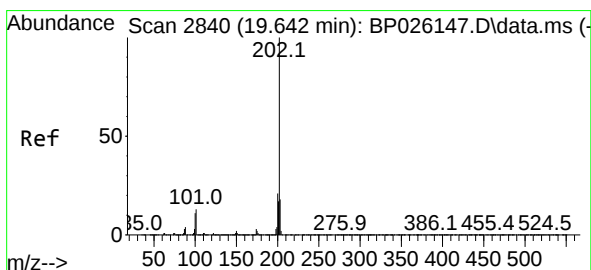
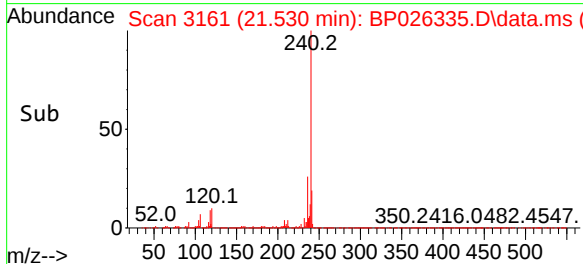
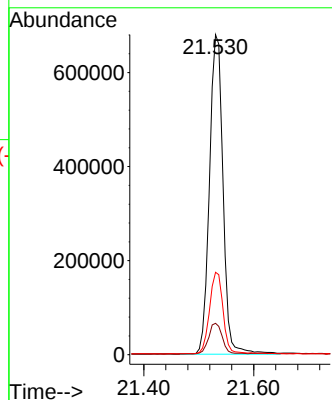
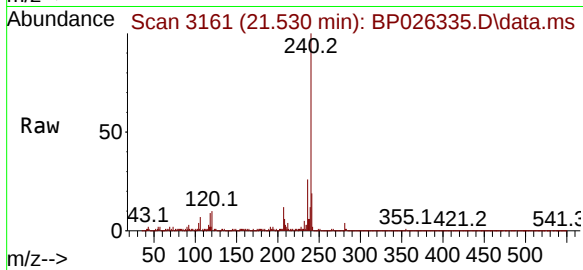
Tgt Ion:240 Resp: 1164242

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.4

236 25.8 20.4 30.6



#78

Pyrene

Concen: 2.380 ng

RT: 19.607 min Scan# 2834

Delta R.T. 0.006 min

Lab File: BP026335.D

Acq: 15 Dec 2025 21:41

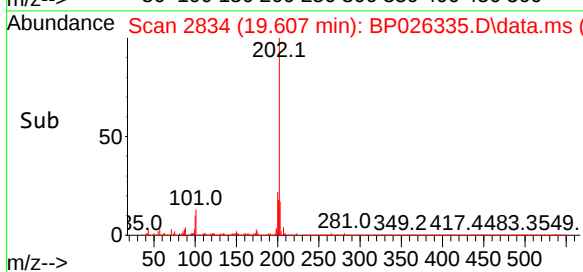
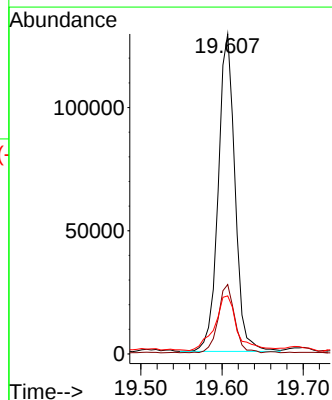
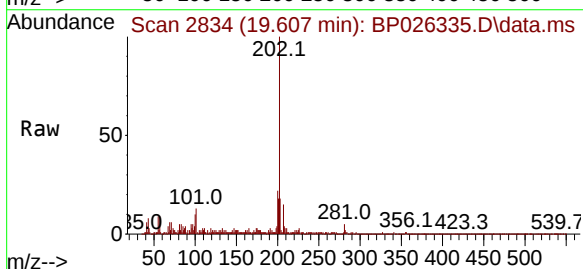
Tgt Ion:202 Resp: 184938

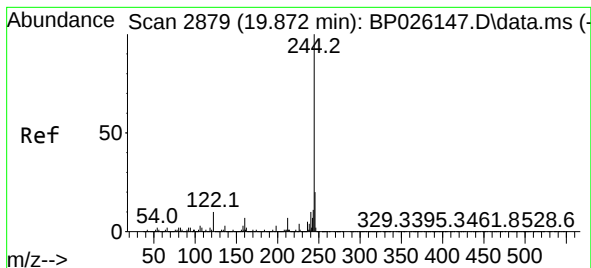
Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

203 18.2 13.8 20.8





#79

Terphenyl-d14

Concen: 9.614 ng

RT: 19.830 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026335.D

Acq: 15 Dec 2025 21:41

Instrument :

BNA\_P

ClientSampleId :

HD-02-121225

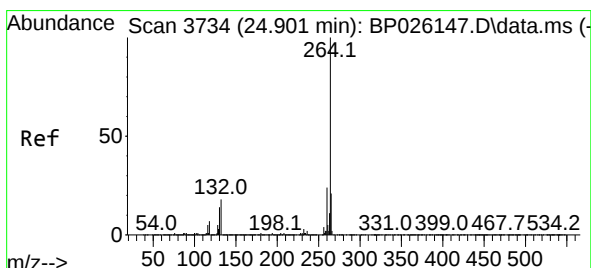
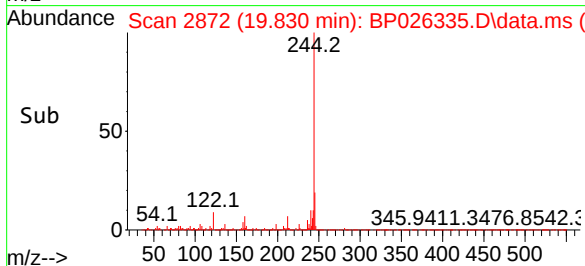
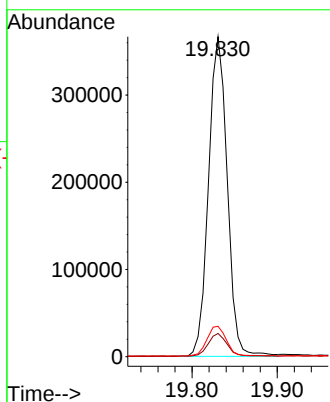
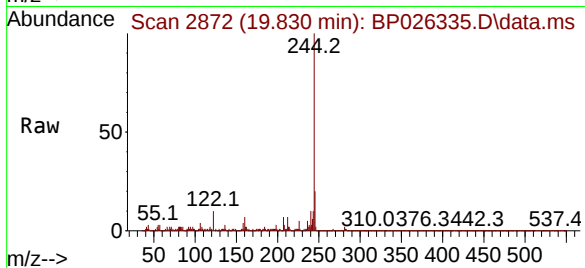
Tgt Ion:244 Resp: 561801

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.000 min

Lab File: BP026335.D

Acq: 15 Dec 2025 21:41

Tgt Ion:264 Resp: 1350458

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.5 17.5 26.3

