

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061925\  
 Data File : BP025005.D  
 Acq On : 19 Jun 2025 17:45  
 Operator : RC/JU  
 Sample : Q2347-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-10

Quant Time: Jun 19 18:14:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 06 16:20:27 2025  
 Response via : Initial Calibration

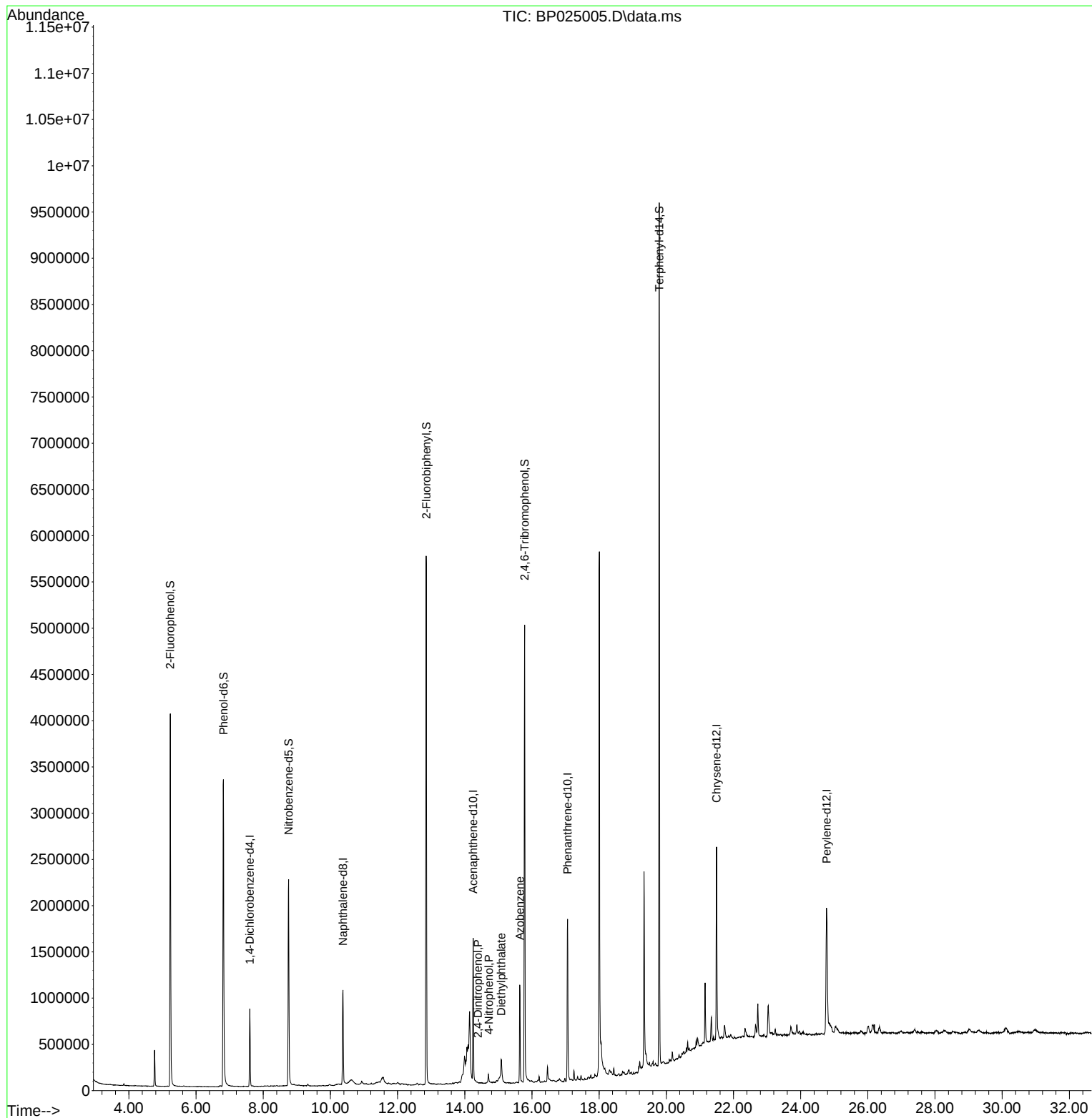
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.602  | 152  | 231104   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.372 | 136  | 891756   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.248 | 164  | 547473   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.060 | 188  | 1096869  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.495 | 240  | 1205954  | 20.000  | ng    | 0.01     |
| 86) Perylene-d12            | 24.771 | 264  | 1454826  | 20.000  | ng    | 0.05     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.231  | 112  | 1841715  | 133.022 | ng    | -0.01    |
| 7) Phenol-d6                | 6.813  | 99   | 2327191  | 127.040 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.754  | 82   | 1439800  | 78.457  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.784 | 330  | 1016349  | 134.276 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.854 | 172  | 3010535  | 74.078  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.789 | 244  | 4850284  | 72.083  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 54) 2,4-Dinitrophenol       | 14.389 | 184  | 109      | 5.581   | ng    | # 1      |
| 56) 4-Nitrophenol           | 14.719 | 139  | 173      | 5.430   | ng    | 94       |
| 60) Diethylphthalate        | 15.089 | 149  | 110686   | 2.750   | ng    | 98       |
| 63) Azobenzene              | 15.636 | 77   | 281436   | 7.624   | ng    | # 1      |

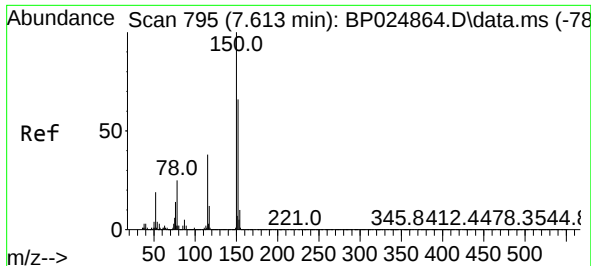
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061925\  
Data File : BP025005.D  
Acq On : 19 Jun 2025 17:45  
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Sample : Q2347-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

Quant Time: Jun 19 18:14:56 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 06 16:20:27 2025  
Response via : Initial Calibration

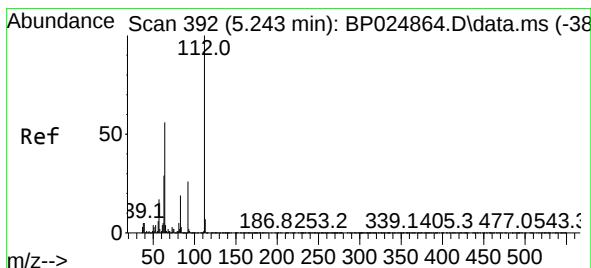
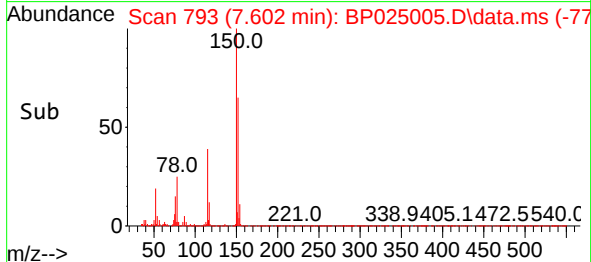
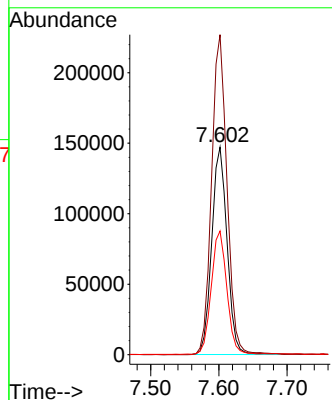
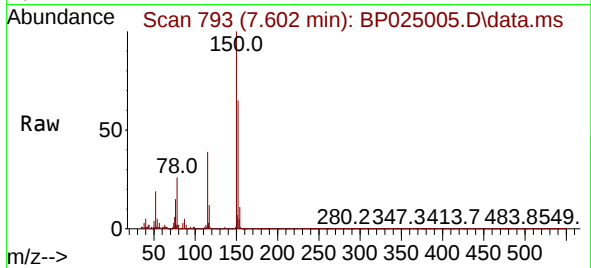




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.602 min Scan# 795  
Delta R.T. -0.011 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

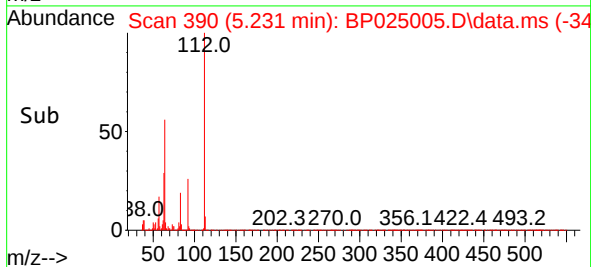
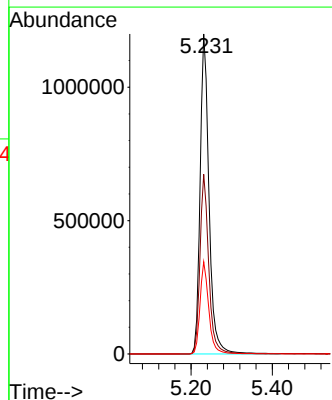
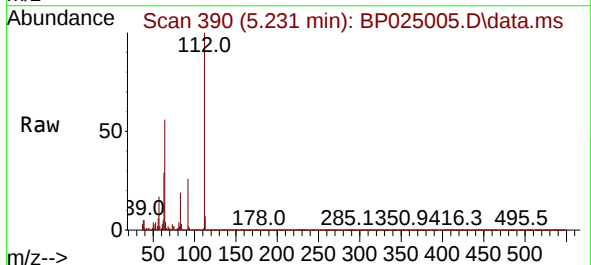
Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

Tgt Ion:152 Resp: 231104  
Ion Ratio Lower Upper  
152 100  
150 154.2 122.1 183.1  
115 59.6 46.4 69.6



#5  
2-Fluorophenol  
Concen: 133.022 ng  
RT: 5.231 min Scan# 390  
Delta R.T. -0.012 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

Tgt Ion:112 Resp: 1841715  
Ion Ratio Lower Upper  
112 100  
64 56.1 44.7 67.1  
63 28.8 23.5 35.3

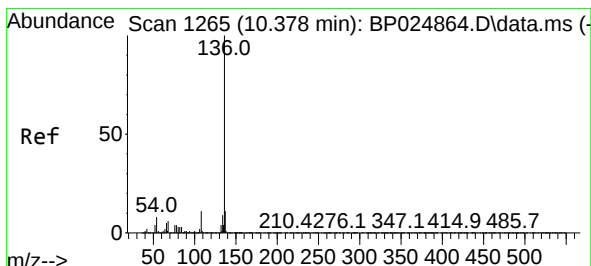
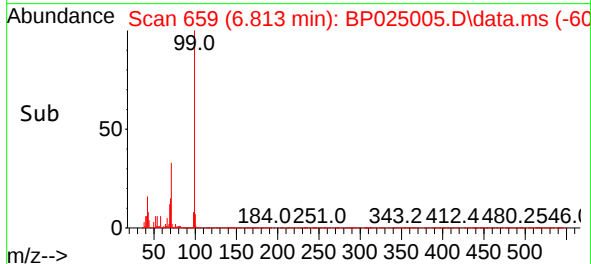
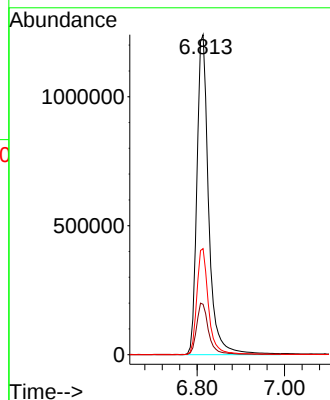
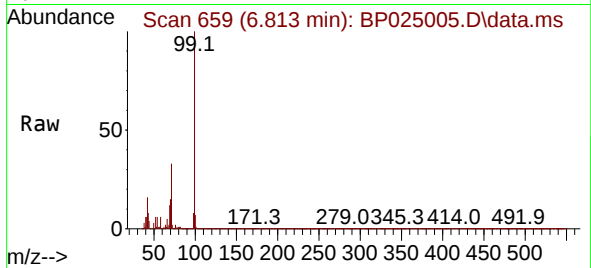




#7  
Phenol-d6  
Concen: 127.040 ng  
RT: 6.813 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

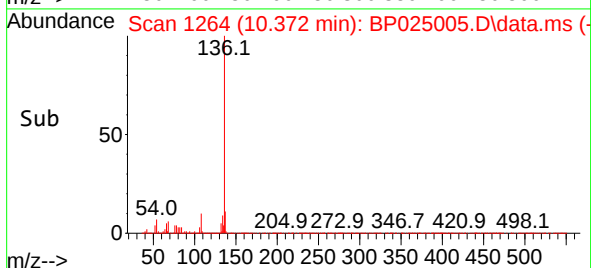
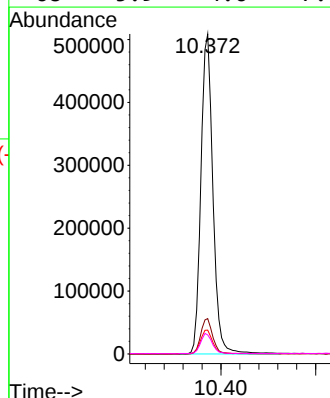
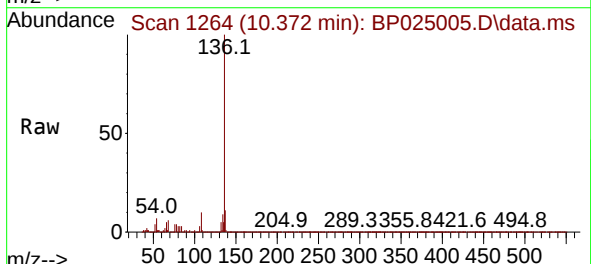
Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

Tgt Ion: 99 Resp: 2327191  
Ion Ratio Lower Upper  
99 100  
42 15.8 13.4 20.2  
71 33.2 27.6 41.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.372 min Scan# 1264  
Delta R.T. -0.006 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

Tgt Ion:136 Resp: 891756  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 7.4 6.1 9.1  
68 5.9 4.6 7.0

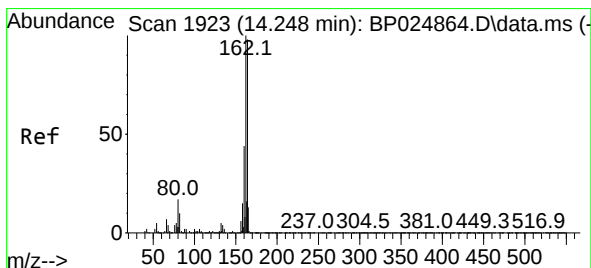
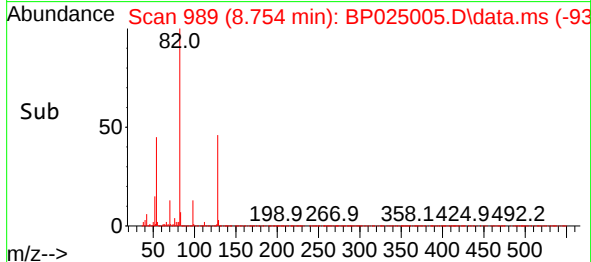
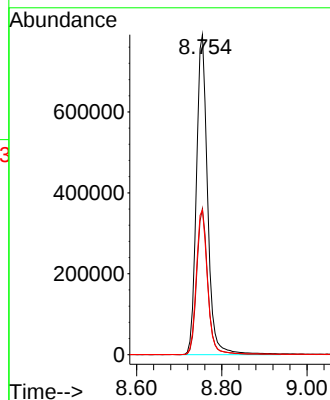
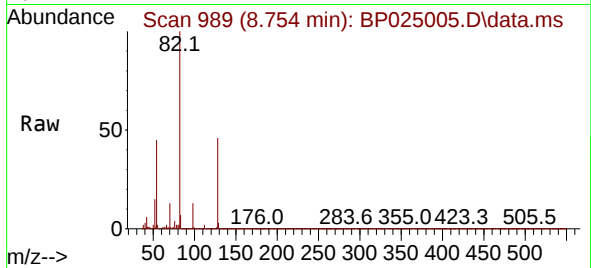




#23  
Nitrobenzene-d5  
Concen: 78.457 ng  
RT: 8.754 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

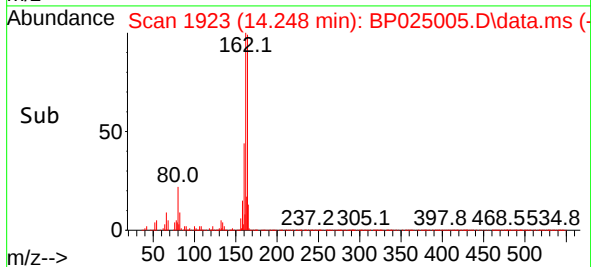
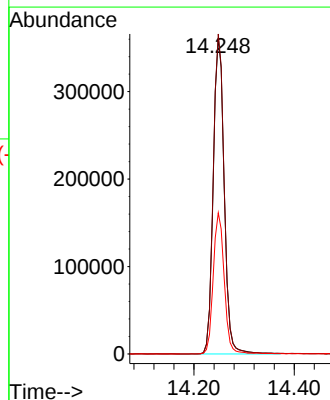
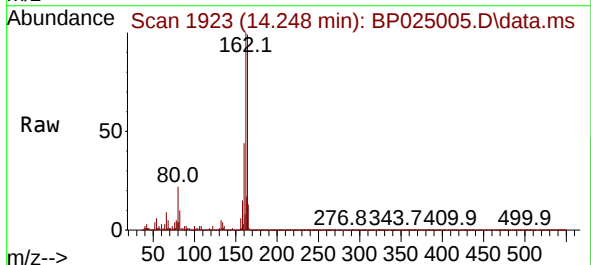
Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

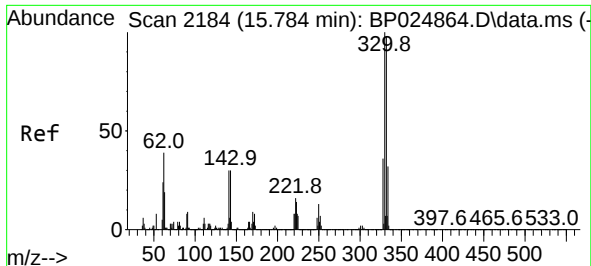
Tgt Ion: 82 Resp: 1439800  
Ion Ratio Lower Upper  
82 100  
128 45.7 35.3 52.9  
54 45.3 37.4 56.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.248 min Scan# 1923  
Delta R.T. -0.000 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

Tgt Ion:164 Resp: 547473  
Ion Ratio Lower Upper  
164 100  
162 101.2 81.6 122.4  
160 44.7 36.2 54.2

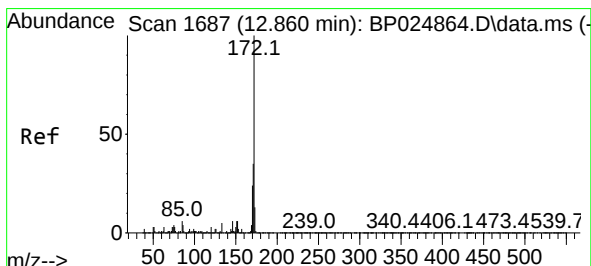
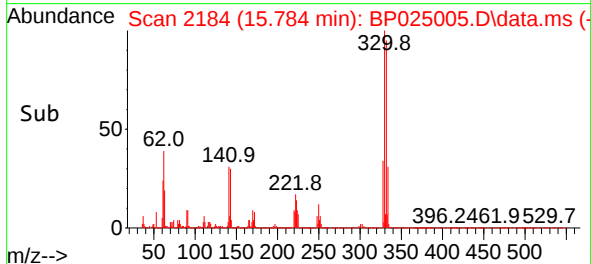
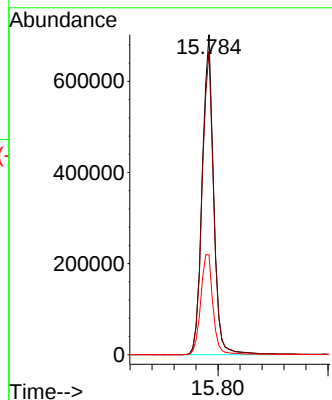
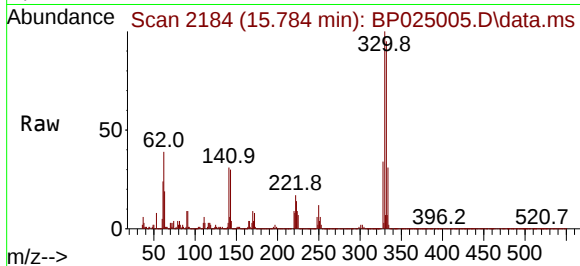




#42  
2,4,6-Tribromophenol  
Concen: 134.276 ng  
RT: 15.784 min Scan# 2184  
Delta R.T. -0.000 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

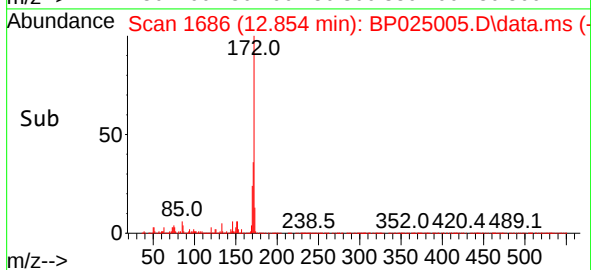
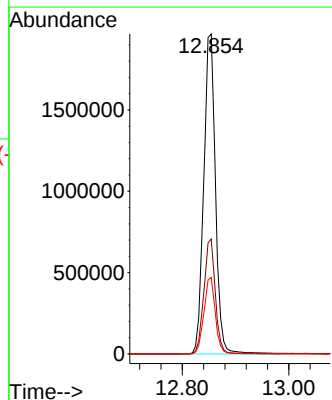
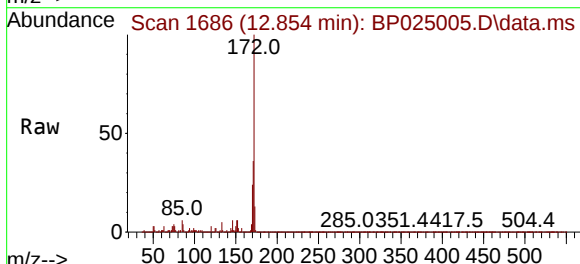
Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

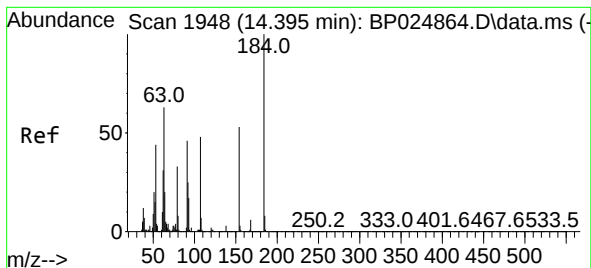
Tgt Ion:330 Resp: 1016349  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.7 116.5  
141 33.8 26.4 39.6



#45  
2-Fluorobiphenyl  
Concen: 74.078 ng  
RT: 12.854 min Scan# 1686  
Delta R.T. -0.006 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

Tgt Ion:172 Resp: 3010535  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.3 42.5  
170 23.9 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.581 ng

RT: 14.389 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP025005.D

Acq: 19 Jun 2025 17:45

Instrument :

BNA\_P

ClientSampleId :

TP-10

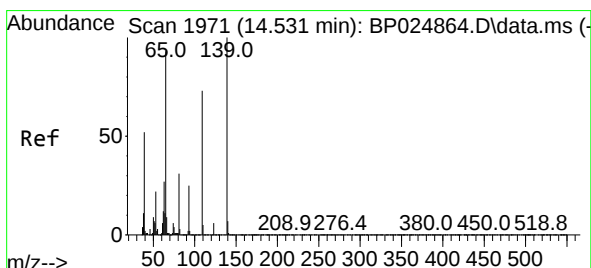
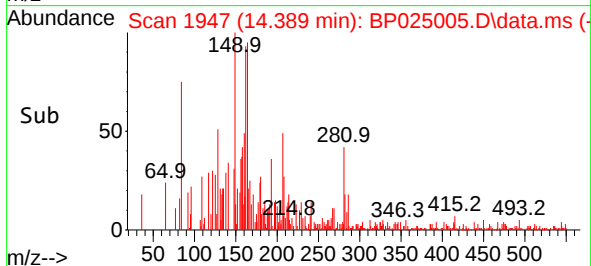
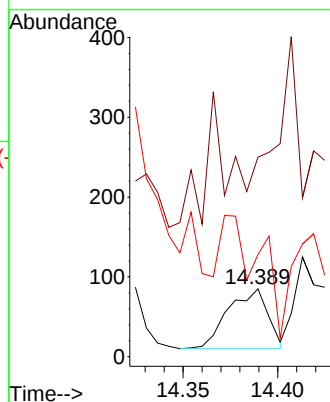
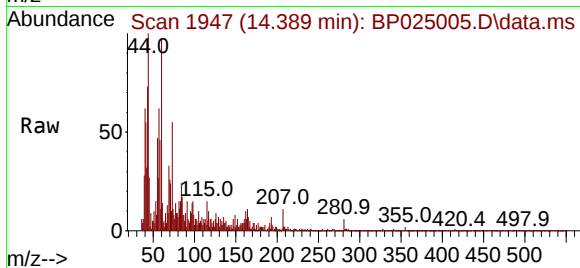
Tgt Ion:184 Resp: 109

Ion Ratio Lower Upper

184 100

63 294.1 51.0 76.4#

154 150.6 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.430 ng

RT: 14.719 min Scan# 2003

Delta R.T. 0.188 min

Lab File: BP025005.D

Acq: 19 Jun 2025 17:45

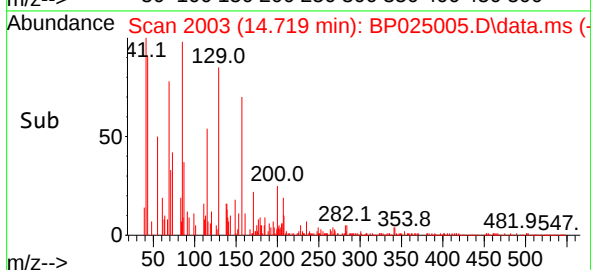
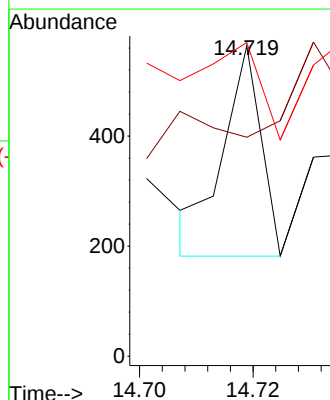
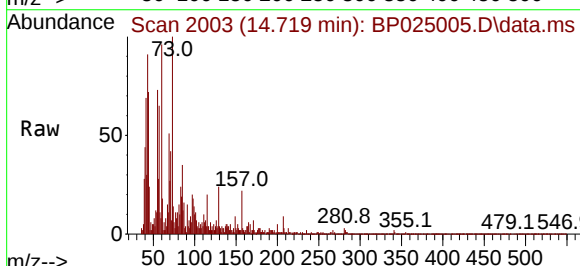
Tgt Ion:139 Resp: 173

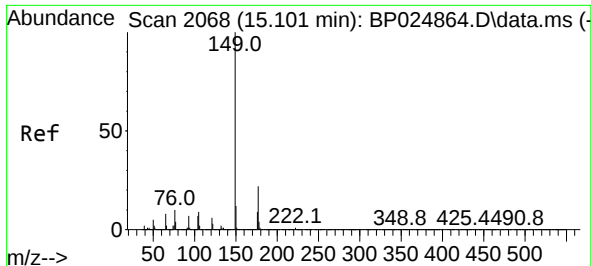
Ion Ratio Lower Upper

139 100

109 70.6 53.1 93.1

65 101.1 73.0 113.0

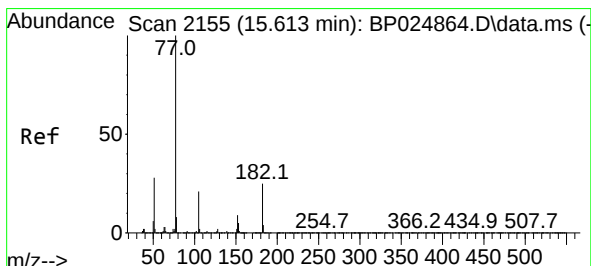
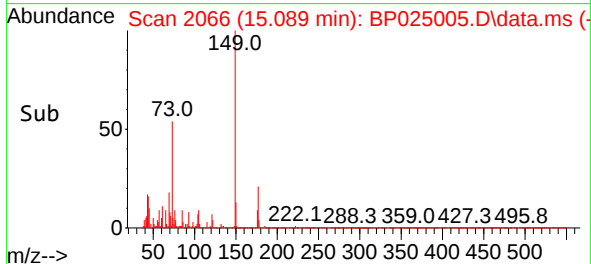
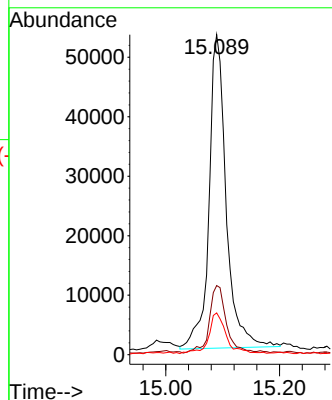
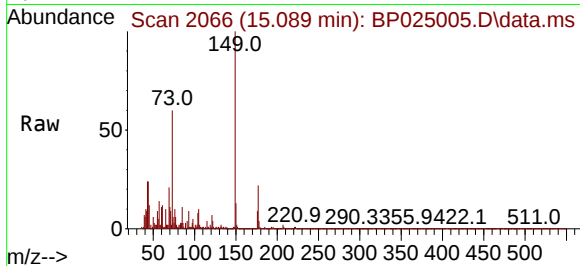




#60  
Diethylphthalate  
Concen: 2.750 ng  
RT: 15.089 min Scan# 2066  
Delta R.T. -0.012 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

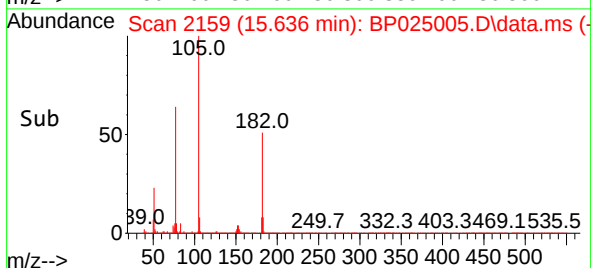
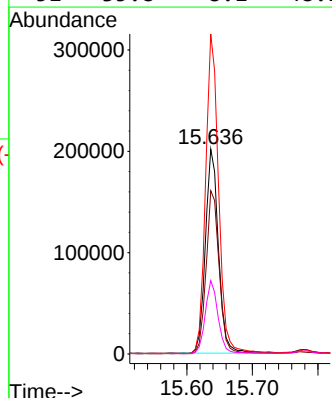
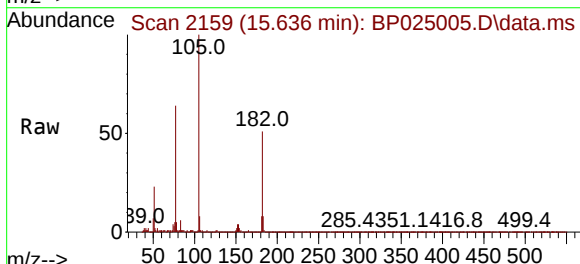
Instrument :  
BNA\_P  
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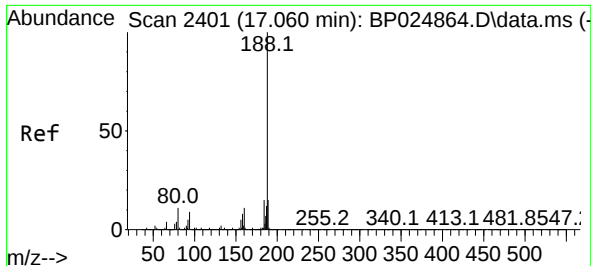
Tgt Ion:149 Resp: 110686  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.9 26.9  
150 13.0 9.8 14.6



#63  
Azobenzene  
Concen: 7.624 ng  
RT: 15.636 min Scan# 2159  
Delta R.T. 0.023 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

Tgt Ion: 77 Resp: 281436  
Ion Ratio Lower Upper  
77 100  
182 79.6 5.4 45.4#  
105 156.1 0.8 40.8#  
51 35.8 8.1 48.1

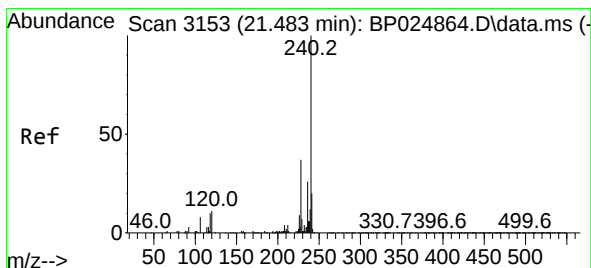
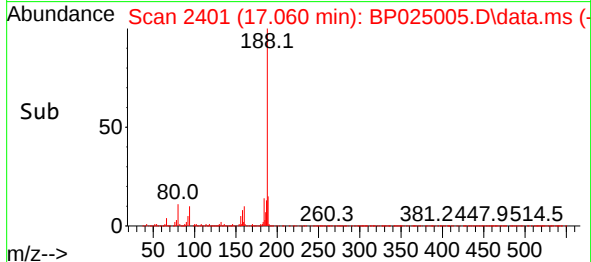
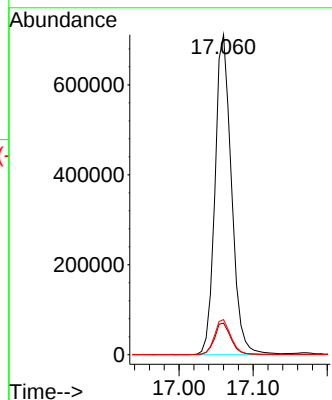
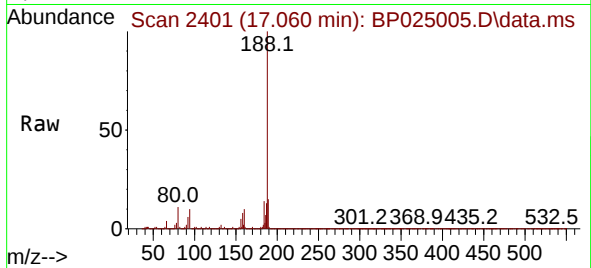




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.060 min Scan# 2401  
Delta R.T. -0.000 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

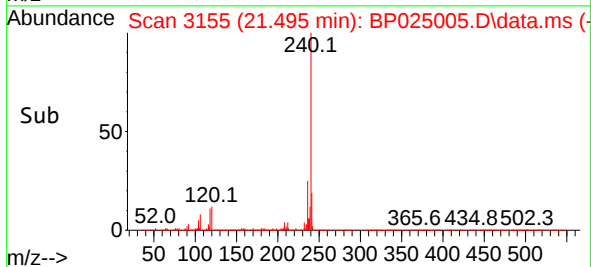
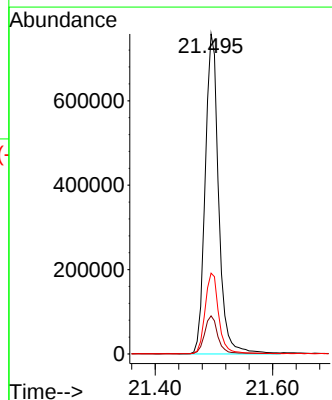
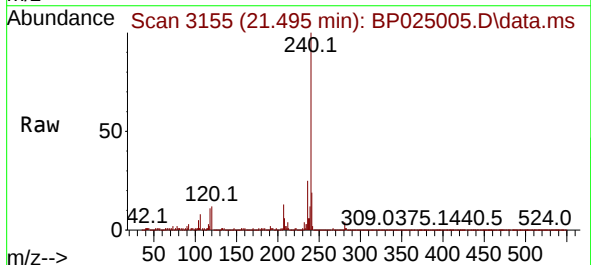
Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

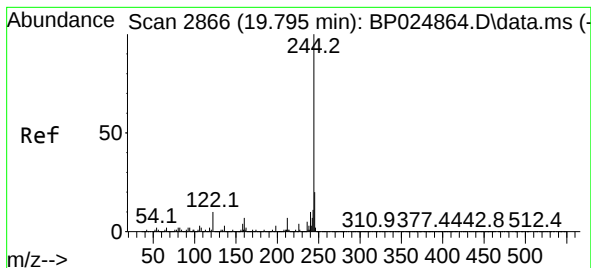
Tgt Ion:188 Resp: 1096869  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.3 10.9  
80 10.9 8.5 12.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.495 min Scan# 3155  
Delta R.T. 0.012 min  
Lab File: BP025005.D  
Acq: 19 Jun 2025 17:45

Tgt Ion:240 Resp: 1205954  
Ion Ratio Lower Upper  
240 100  
120 11.9 8.9 13.3  
236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 72.083 ng

RT: 19.789 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025005.D

Acq: 19 Jun 2025 17:45

Instrument :

BNA\_P

ClientSampleId :

TP-10

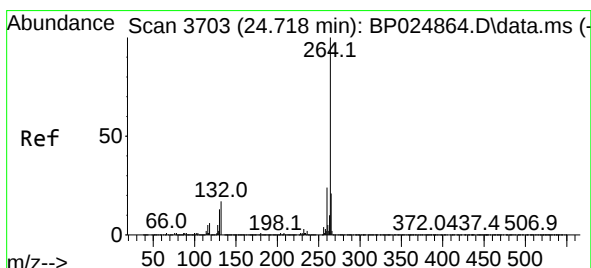
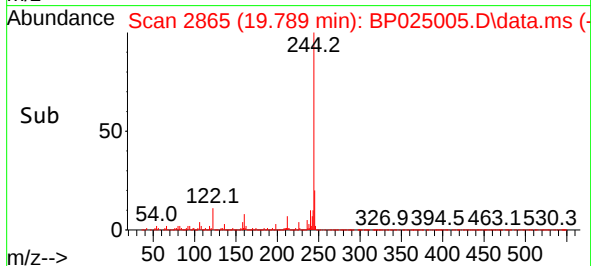
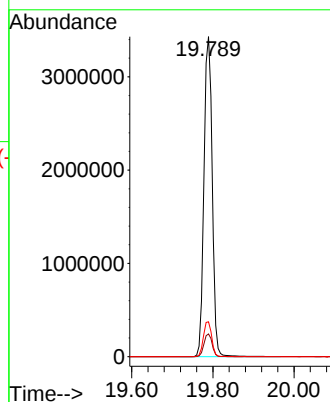
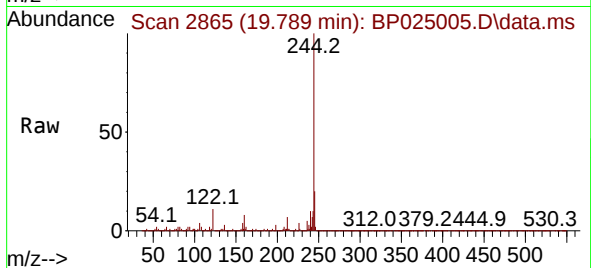
Tgt Ion:244 Resp: 4850284

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP025005.D

Acq: 19 Jun 2025 17:45

Tgt Ion:264 Resp: 1454826

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 22.5 17.4 26.0

