

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071425\  
 Data File : BP025129.D  
 Acq On : 14 Jul 2025 21:14  
 Operator : CG/JU  
 Sample : Q2537-01 10X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TR-04-07092025

Quant Time: Jul 15 01:17:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 03 16:05:44 2025  
 Response via : Initial Calibration

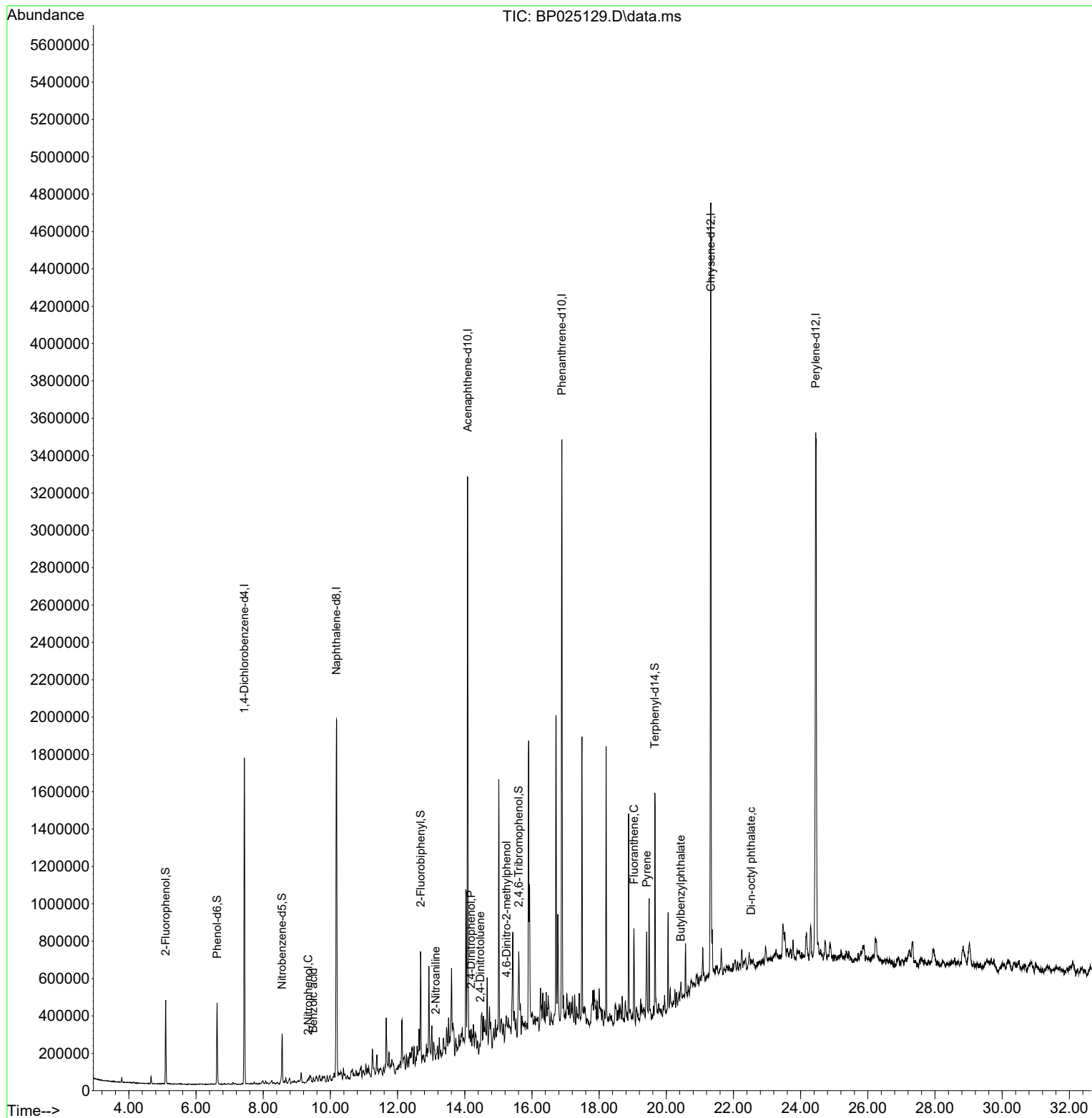
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.437  | 152  | 471001   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.178 | 136  | 1757353  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.084 | 164  | 1019991  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.889 | 188  | 2020568  | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12              | 21.324 | 240  | 2370064  | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 24.448 | 264  | 2822614  | 20.000 | ng    | -0.05    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.096  | 112  | 189872   | 7.143  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.625  | 99   | 238781   | 6.883  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.560  | 82   | 140644   | 5.323  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.607 | 330  | 90937    | 7.547  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.684 | 172  | 348814   | 5.298  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.660 | 244  | 543595   | 5.041  | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 26) 2-Nitrophenol             | 9.337  | 139  | 649      | 3.348  | ng    | # 1      |
| 32) Benzoic acid              | 9.490  | 122  | 174      | 6.212  | ng    | # 1      |
| 48) 2-Nitroaniline            | 13.137 | 65   | 879      | 2.825  | ng    | # 45     |
| 54) 2,4-Dinitrophenol         | 14.184 | 184  | 139      | 5.404  | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 14.460 | 165  | 628      | 2.666  | ng    | # 64     |
| 65) 4,6-Dinitro-2-methylph... | 15.242 | 198  | 90       | 5.587  | ng    | # 1      |
| 75) Fluoranthene              | 19.036 | 202  | 312942   | 2.480  | ng    | 98       |
| 78) Pyrene                    | 19.413 | 202  | 342972   | 2.336  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.430 | 149  | 1243     | 3.702  | ng    | # 20     |
| 85) Di-n-octyl phthalate      | 22.524 | 149  | 896      | 6.104  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

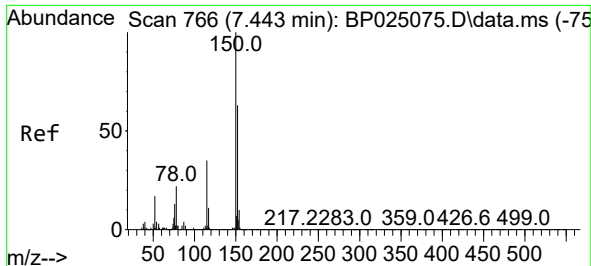
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071425\  
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
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Quant Time: Jul 15 01:17:21 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 03 16:05:44 2025  
Response via : Initial Calibration

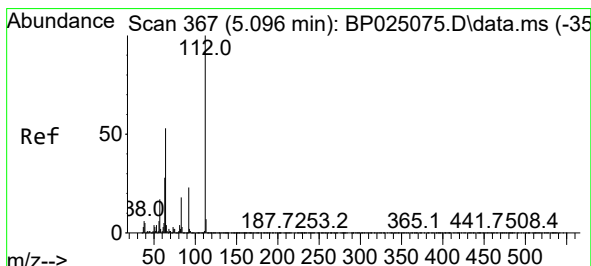
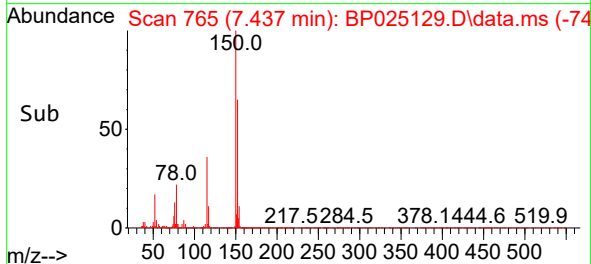
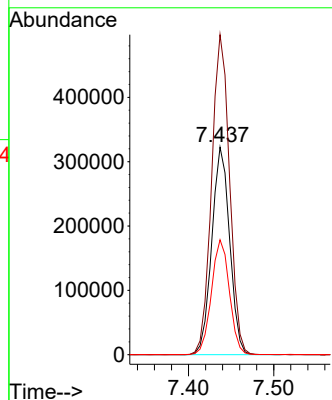
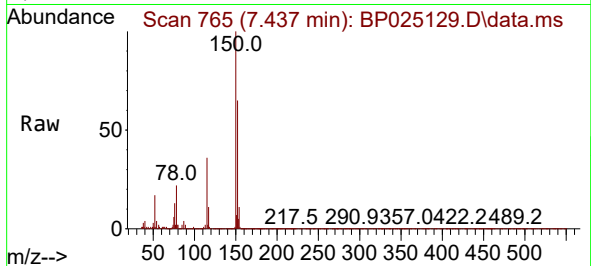




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.437 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

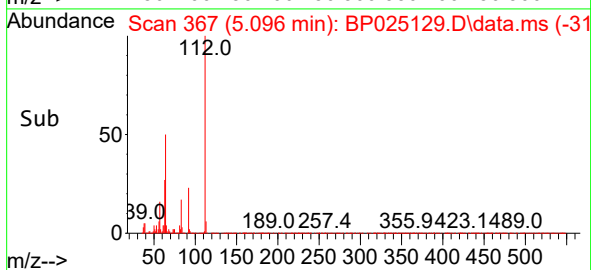
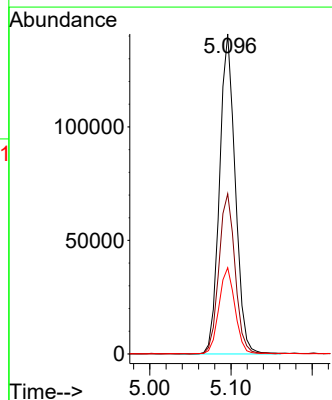
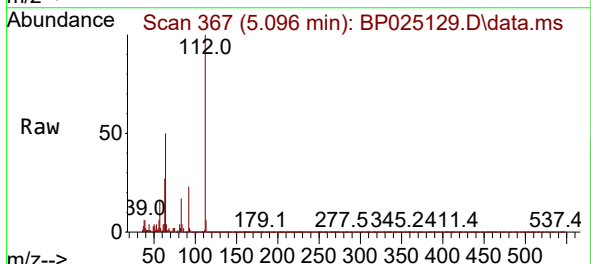
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-07092025

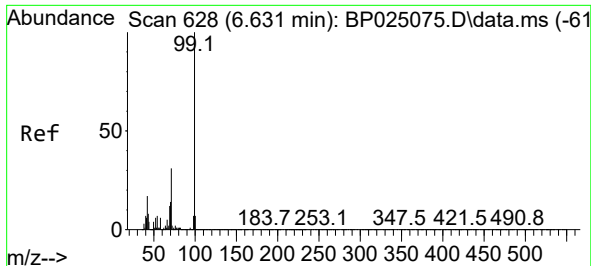
Tgt Ion:152 Resp: 471001  
Ion Ratio Lower Upper  
152 100  
150 154.2 126.1 189.1  
115 55.3 44.3 66.5



#5  
2-Fluorophenol  
Concen: 7.143 ng  
RT: 5.096 min Scan# 367  
Delta R.T. 0.000 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

Tgt Ion:112 Resp: 189872  
Ion Ratio Lower Upper  
112 100  
64 50.1 42.0 63.0  
63 26.9 22.2 33.2

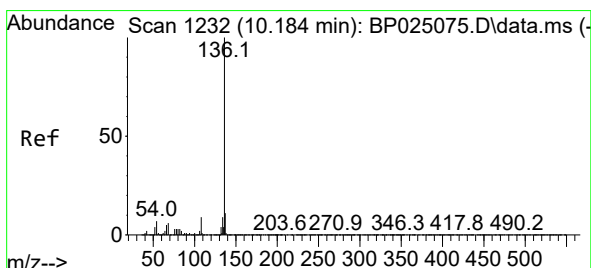
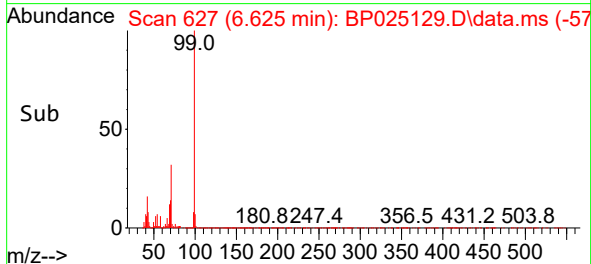
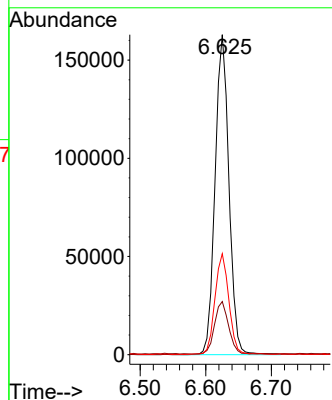
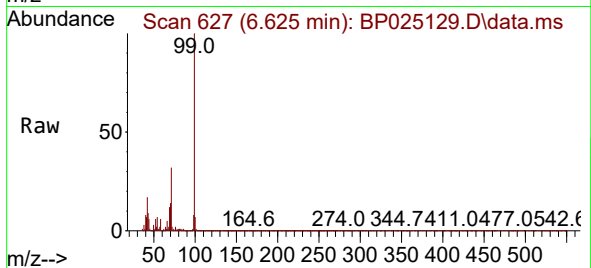




#7  
Phenol-d6  
Concen: 6.883 ng  
RT: 6.625 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

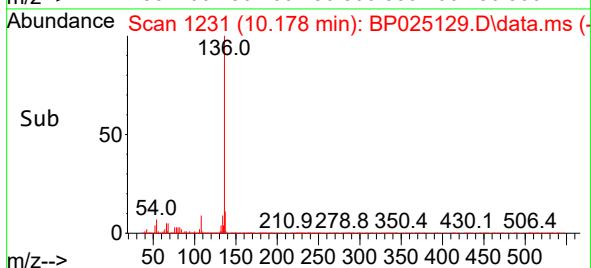
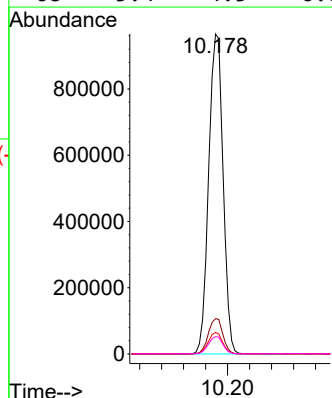
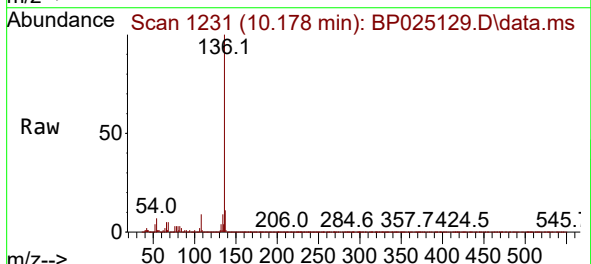
Instrument :  
BNA\_P  
ClientSampleId :  
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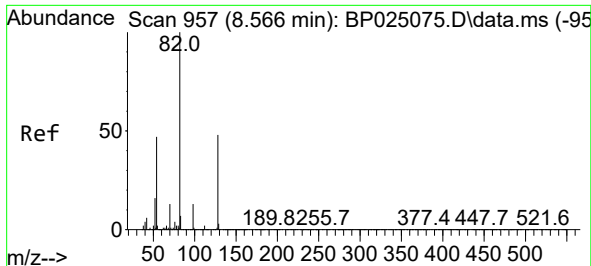
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 238781 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 16.6  | 13.6  | 20.4   |
| 71       | 31.6  | 24.4  | 36.6   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.178 min Scan# 1231  
Delta R.T. -0.006 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 136   | Resp: | 1757353 |
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 11.1  | 8.7   | 13.1    |
| 54       | 6.7   | 5.4   | 8.2     |
| 68       | 5.4   | 4.5   | 6.7     |

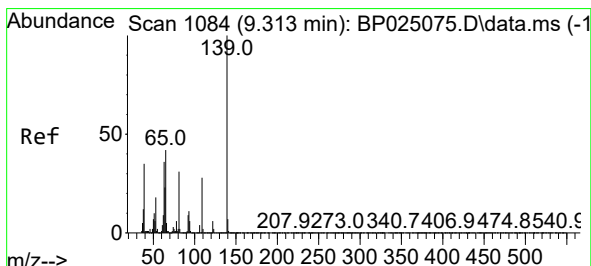
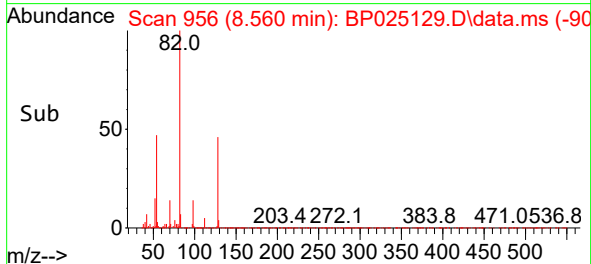
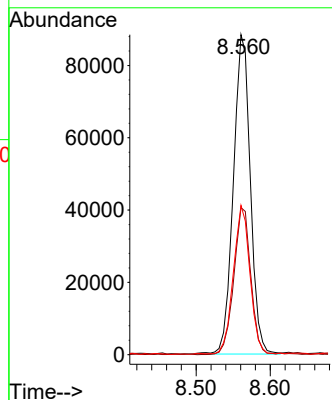
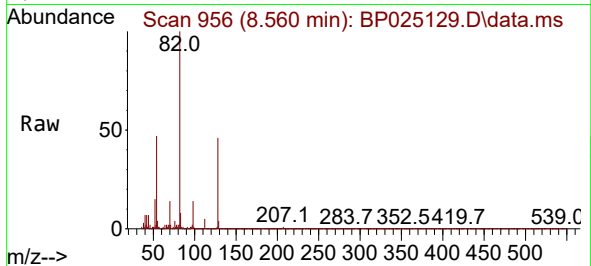




#23  
Nitrobenzene-d5  
Concen: 5.323 ng  
RT: 8.560 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

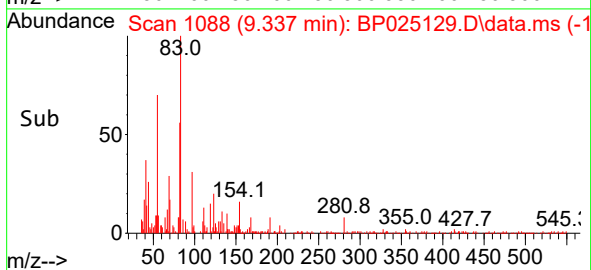
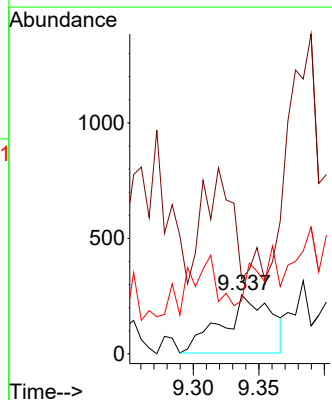
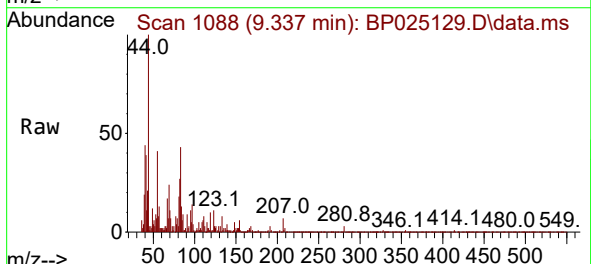
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-07092025

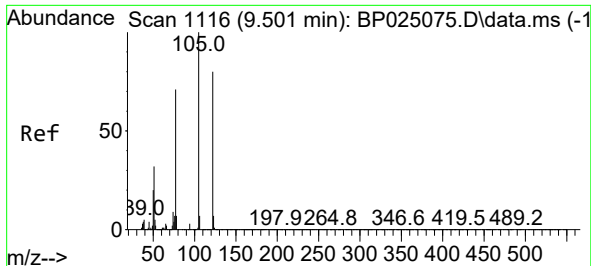
Tgt Ion: 82 Resp: 140644  
Ion Ratio Lower Upper  
82 100  
128 46.0 38.4 57.6  
54 46.6 37.8 56.6



#26  
2-Nitrophenol  
Concen: 3.348 ng  
RT: 9.337 min Scan# 1088  
Delta R.T. 0.024 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

Tgt Ion:139 Resp: 649  
Ion Ratio Lower Upper  
139 100  
109 127.1 22.3 33.5#  
65 90.2 33.8 50.8#

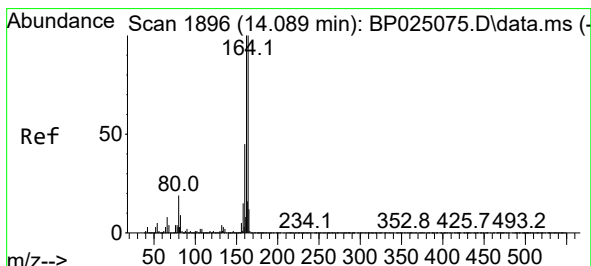
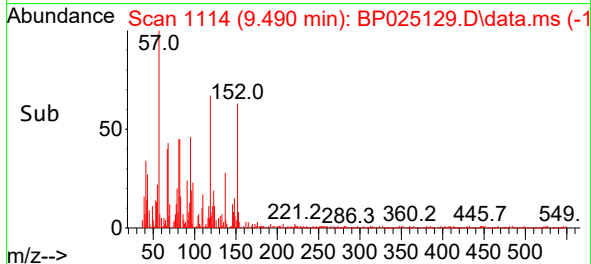
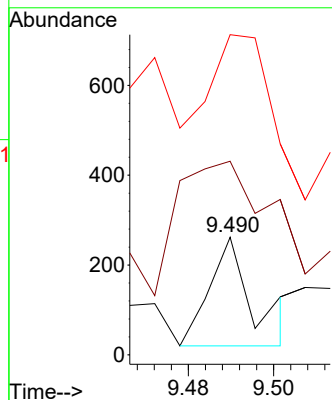
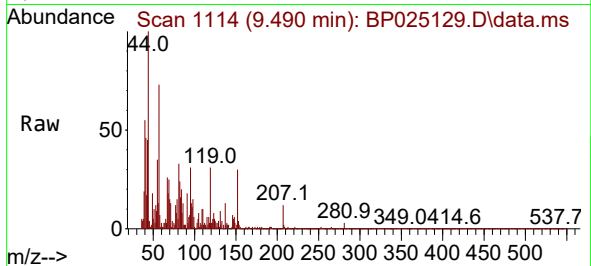




#32  
Benzoic acid  
Concen: 6.212 ng  
RT: 9.490 min Scan# 1116  
Delta R.T. -0.011 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

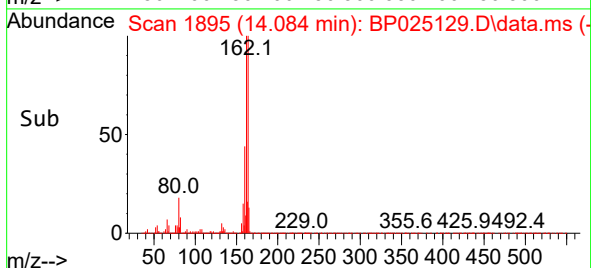
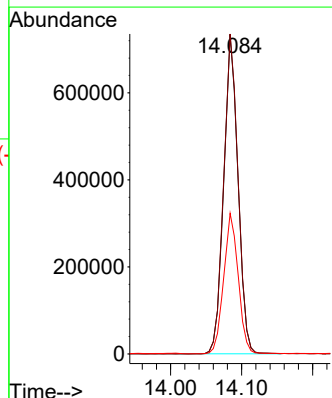
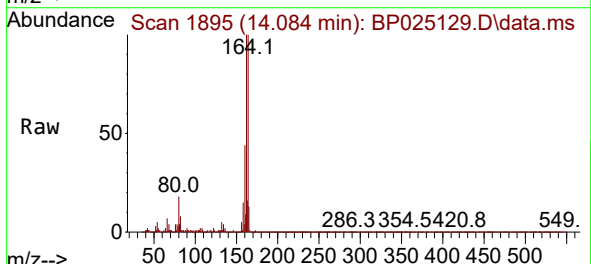
Instrument :  
BNA\_P  
ClientSampleId :  
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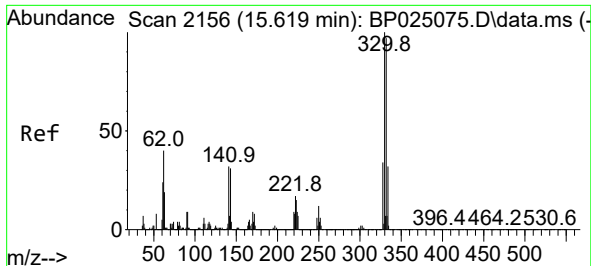
Tgt Ion:122 Resp: 174  
Ion Ratio Lower Upper  
122 100  
105 164.5 101.0 141.0#  
77 272.1 67.6 107.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.084 min Scan# 1895  
Delta R.T. -0.005 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

Tgt Ion:164 Resp: 1019991  
Ion Ratio Lower Upper  
164 100  
162 100.1 80.3 120.5  
160 44.0 35.9 53.9

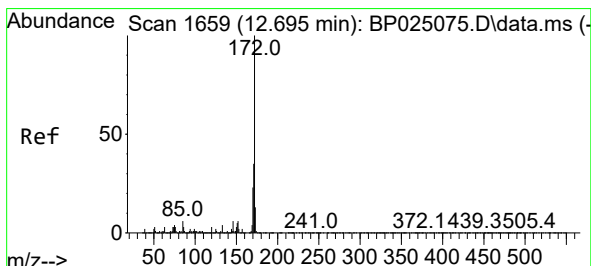
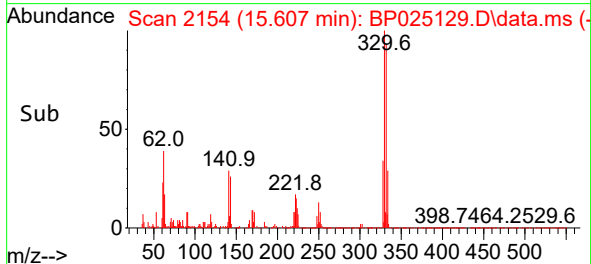
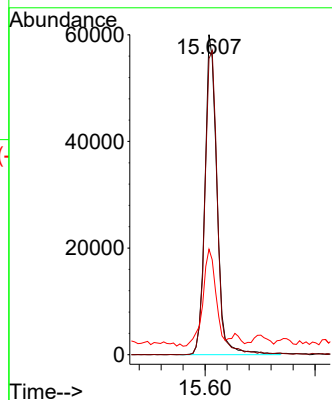
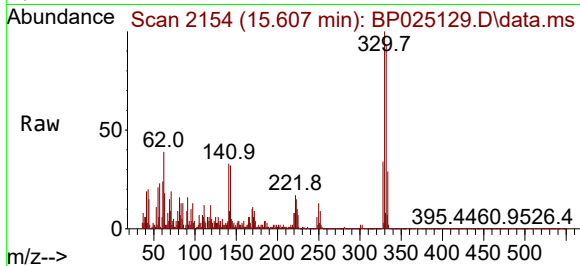




#42  
2,4,6-Tribromophenol  
Concen: 7.547 ng  
RT: 15.607 min Scan# 2156  
Delta R.T. -0.012 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

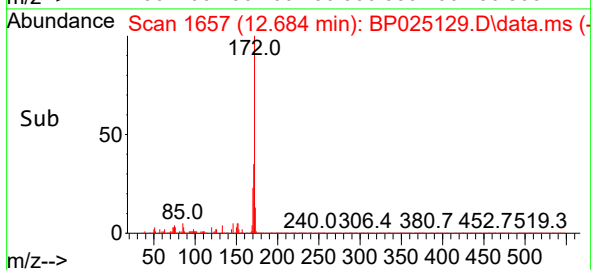
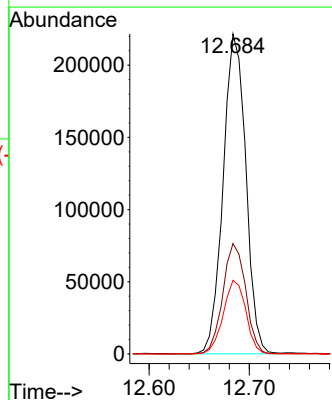
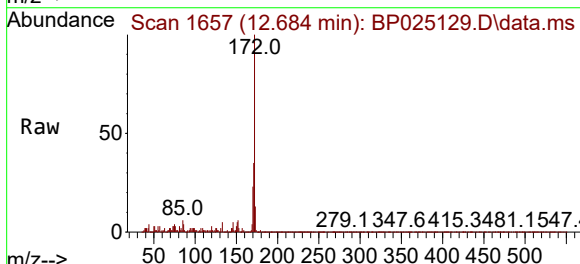
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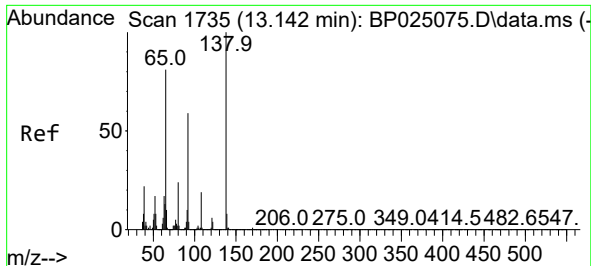
Tgt Ion:330 Resp: 90937  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.7 116.5  
141 32.7 26.0 39.0



#45  
2-Fluorobiphenyl  
Concen: 5.298 ng  
RT: 12.684 min Scan# 1657  
Delta R.T. -0.012 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

Tgt Ion:172 Resp: 348814  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.2 42.2  
170 23.0 18.7 28.1

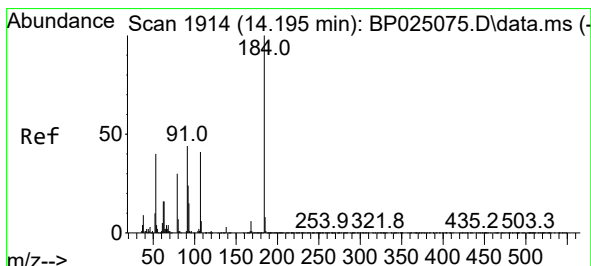
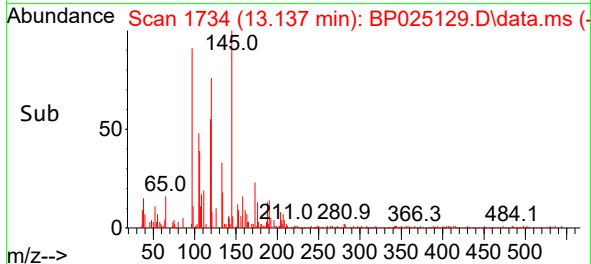
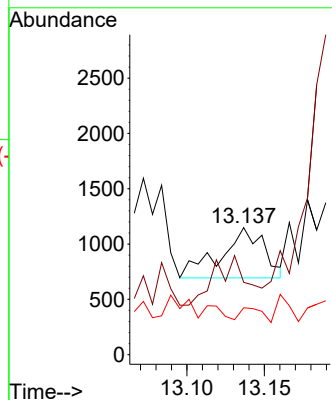
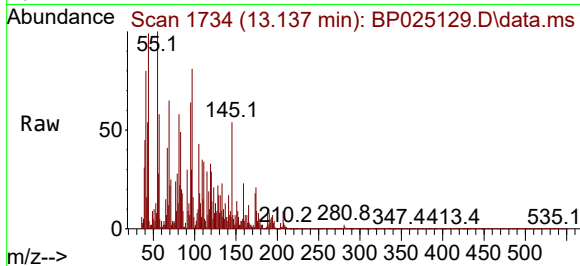




#48  
2-Nitroaniline  
Concen: 2.825 ng  
RT: 13.137 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

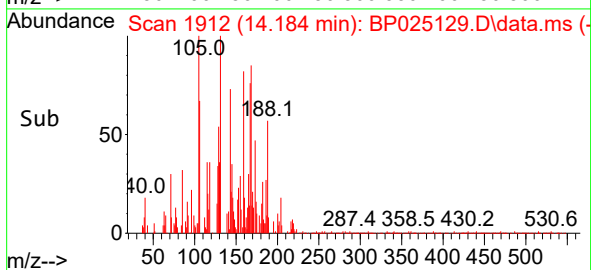
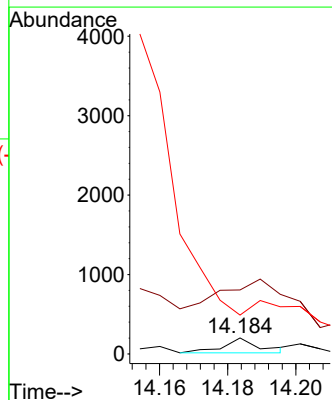
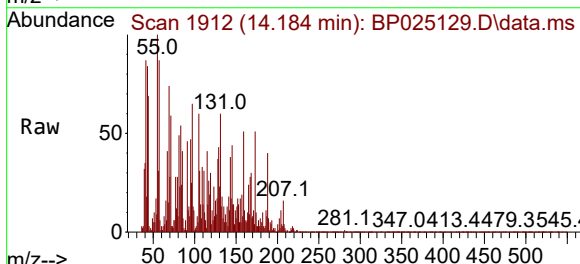
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-07092025

Tgt Ion: 65 Resp: 879  
Ion Ratio Lower Upper  
65 100  
92 56.9 58.7 88.1#  
138 36.8 99.0 148.4#

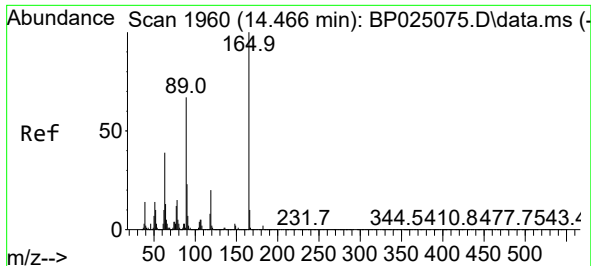


#54  
2,4-Dinitrophenol  
Concen: 5.404 ng  
RT: 14.184 min Scan# 1912  
Delta R.T. -0.011 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

Tgt Ion: 184 Resp: 139  
Ion Ratio Lower Upper  
184 100  
63 400.5 47.4 71.0#  
154 243.3 47.8 71.8#



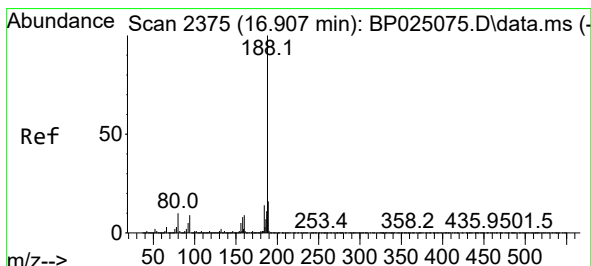
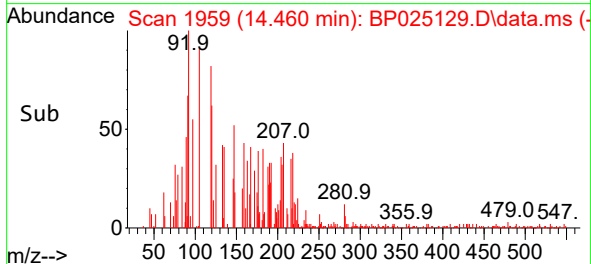
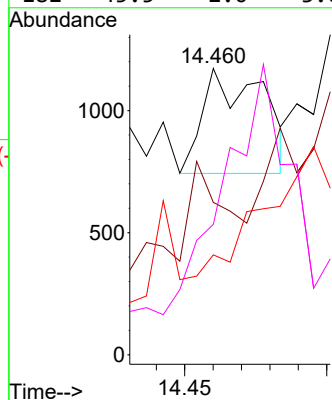
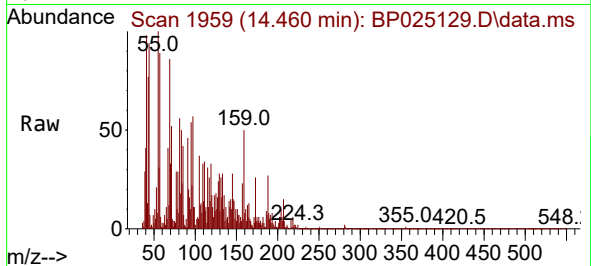




#57  
2,4-Dinitrotoluene  
Concen: 2.666 ng  
RT: 14.460 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

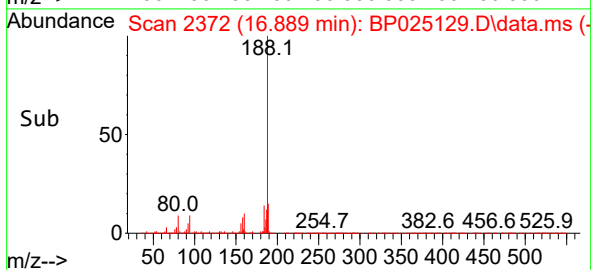
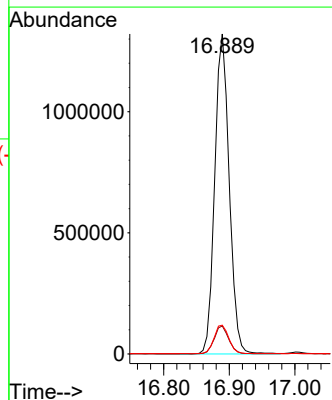
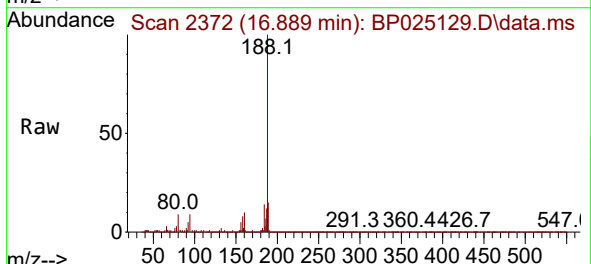
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-07092025

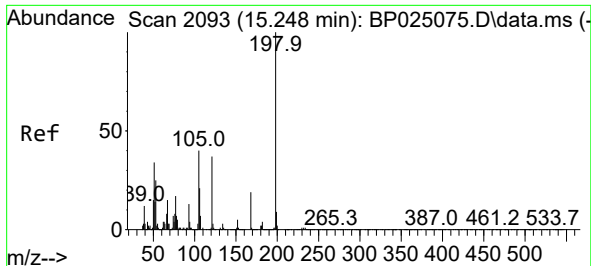
Tgt Ion:165 Resp: 628  
Ion Ratio Lower Upper  
165 100  
63 53.2 31.0 46.4#  
89 34.9 53.4 80.0#  
182 45.5 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.889 min Scan# 2372  
Delta R.T. -0.018 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

Tgt Ion:188 Resp: 2020568  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.3 10.9  
80 9.0 7.8 11.6

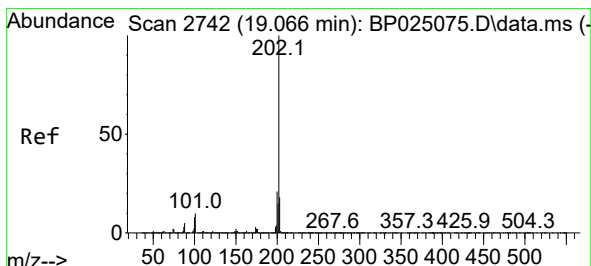
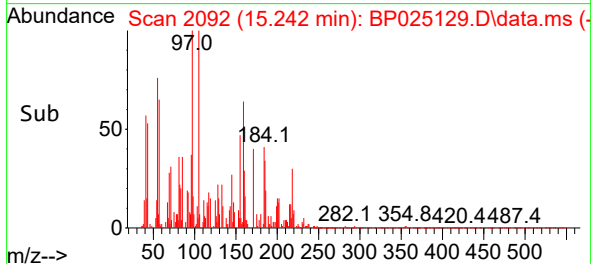
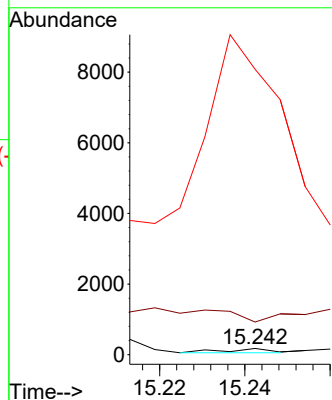
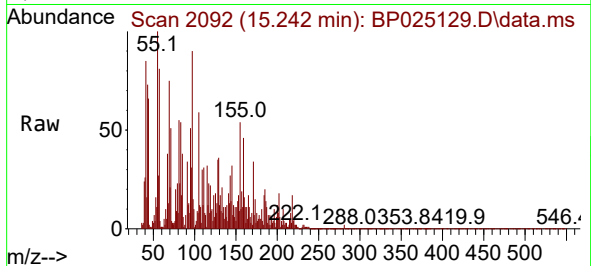




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.587 ng  
RT: 15.242 min Scan# 2093  
Delta R.T. -0.006 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

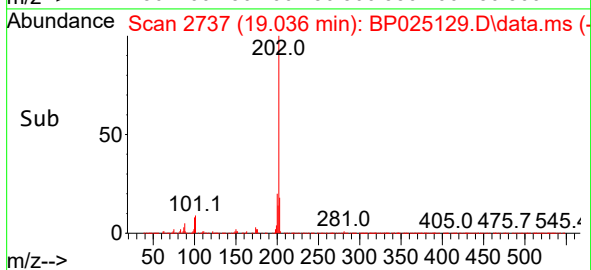
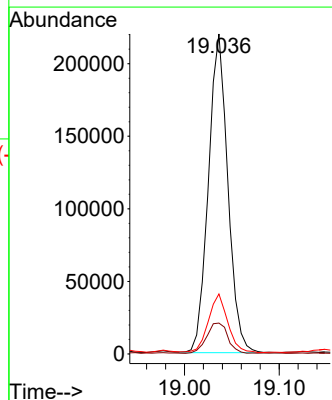
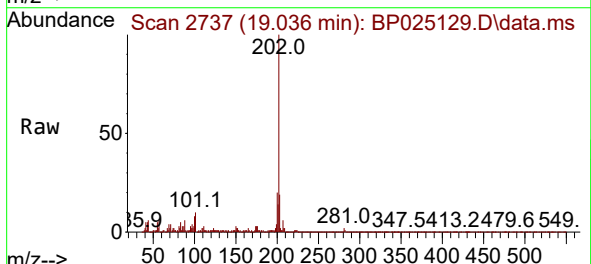
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-07092025

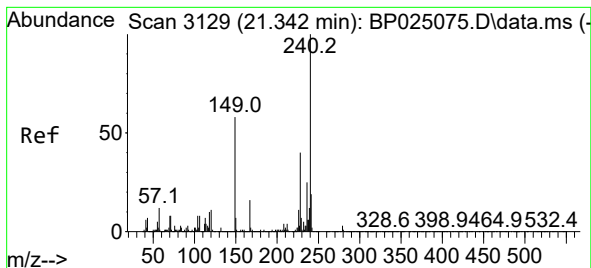
Tgt Ion:198 Resp: 90  
Ion Ratio Lower Upper  
198 100  
51 526.1 16.8 56.8#  
105 4593.8 20.8 60.8#



#75  
Fluoranthene  
Concen: 2.480 ng  
RT: 19.036 min Scan# 2737  
Delta R.T. -0.029 min  
Lab File: BP025129.D  
Acq: 14 Jul 2025 21:14

Tgt Ion:202 Resp: 312942  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 30.4  
203 18.8 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.324 min Scan# 3126

Delta R.T. -0.018 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

Instrument :

BNA\_P

ClientSampleId :

TR-04-07092025

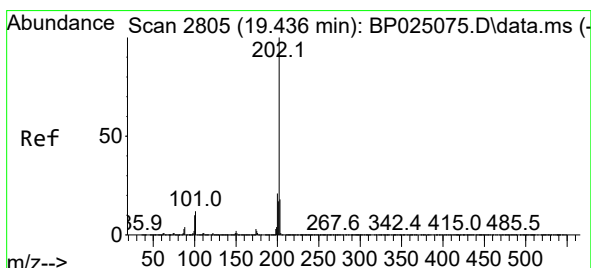
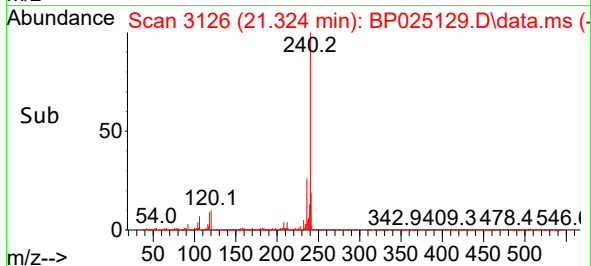
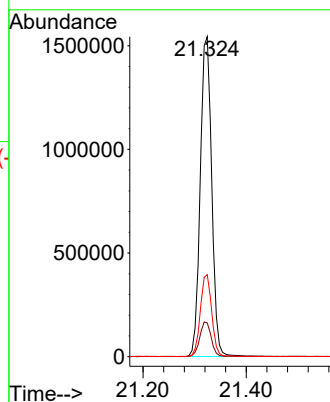
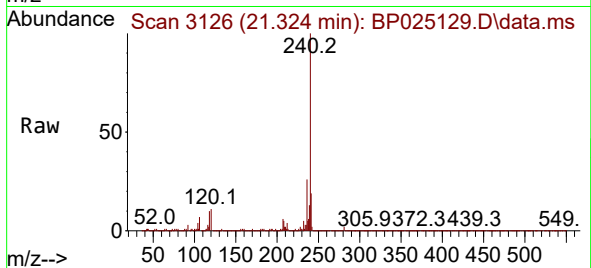
Tgt Ion:240 Resp: 2370064

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 25.7 20.3 30.5



#78

Pyrene

Concen: 2.336 ng

RT: 19.413 min Scan# 2801

Delta R.T. -0.023 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

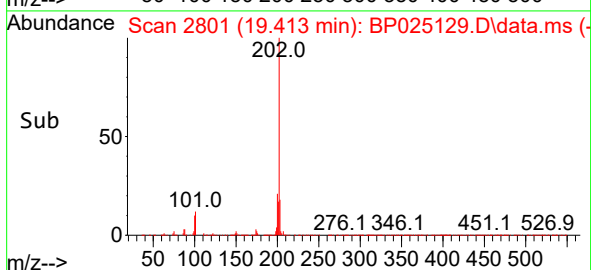
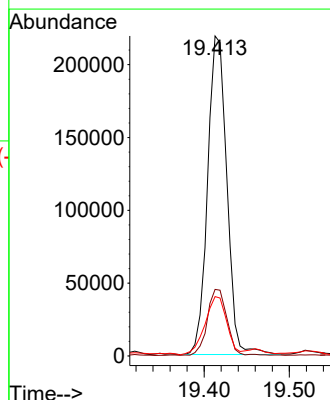
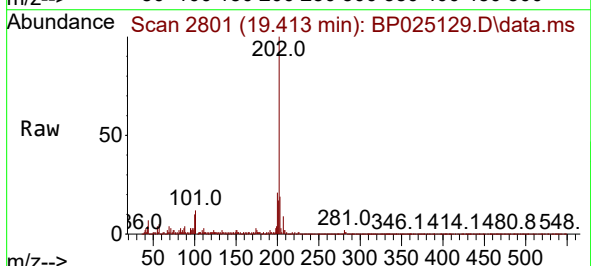
Tgt Ion:202 Resp: 342972

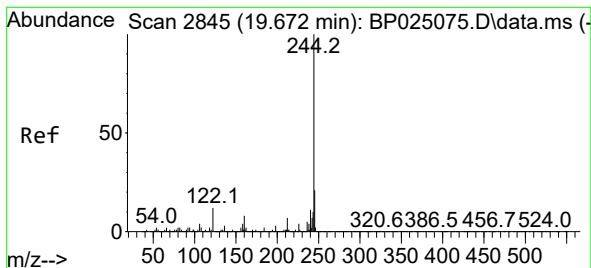
Ion Ratio Lower Upper

202 100

200 20.8 17.1 25.7

203 18.6 14.1 21.1





#79

Terphenyl-d14

Concen: 5.041 ng

RT: 19.660 min Scan# 2843

Delta R.T. -0.012 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

Instrument :

BNA\_P

ClientSampleId :

TR-04-07092025

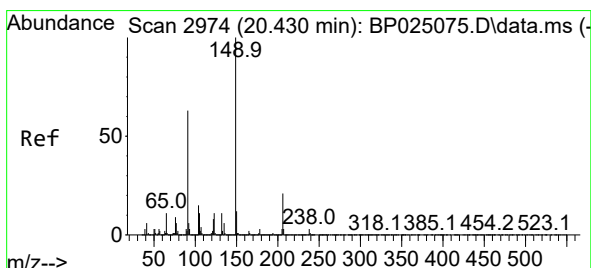
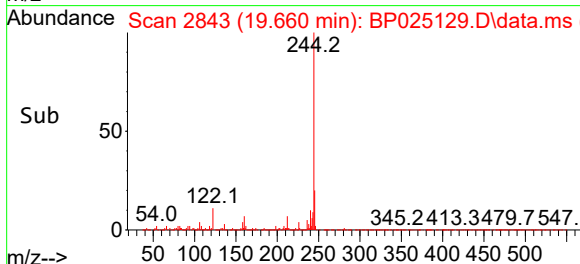
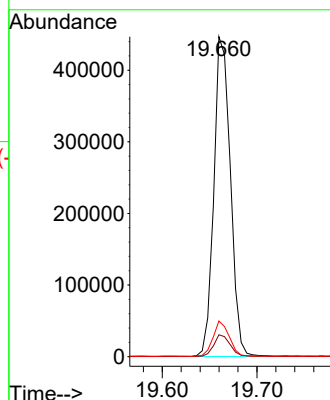
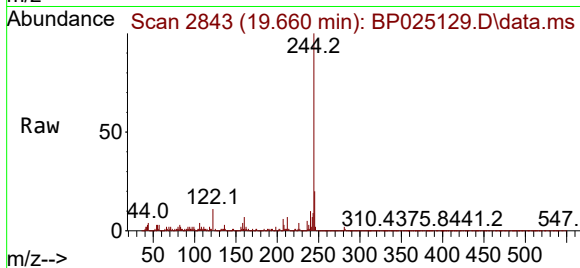
Tgt Ion:244 Resp: 543595

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 11.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.702 ng

RT: 20.430 min Scan# 2974

Delta R.T. 0.000 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

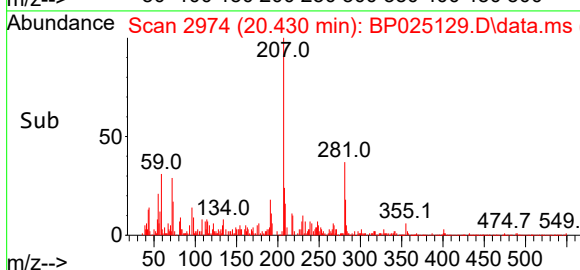
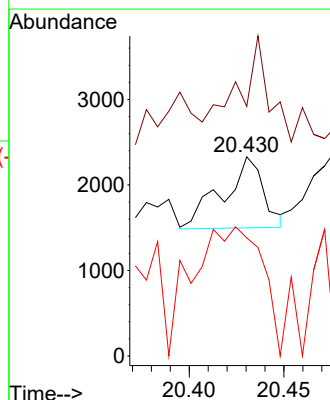
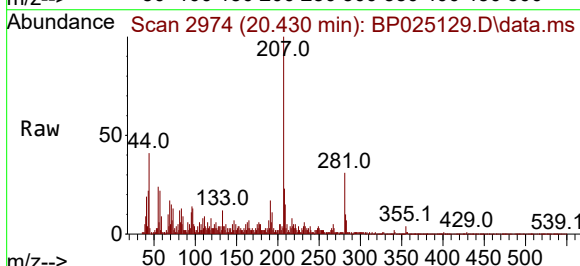
Tgt Ion:149 Resp: 1243

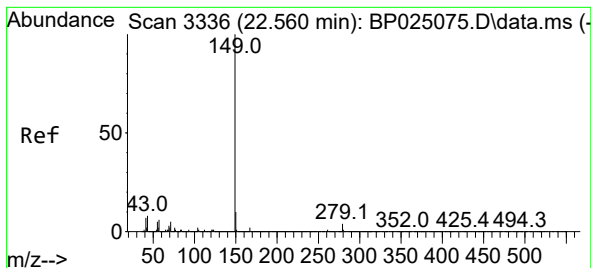
Ion Ratio Lower Upper

149 100

91 125.3 50.6 76.0#

206 59.3 17.2 25.8#





#85

Di-n-octyl phthalate

Concen: 6.104 ng

RT: 22.524 min Scan# 31

Delta R.T. -0.036 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

Instrument :

BNA\_P

ClientSampleId :

TR-04-07092025

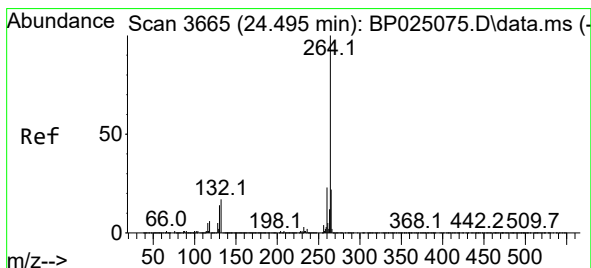
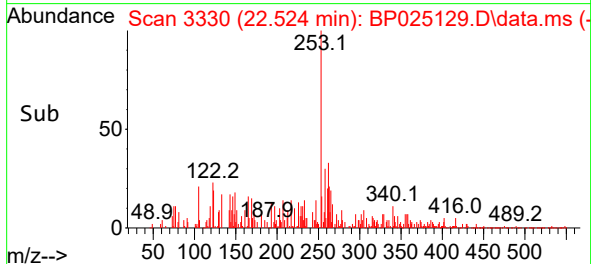
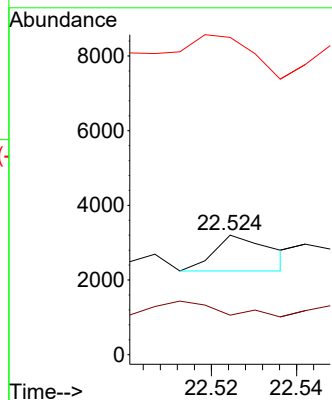
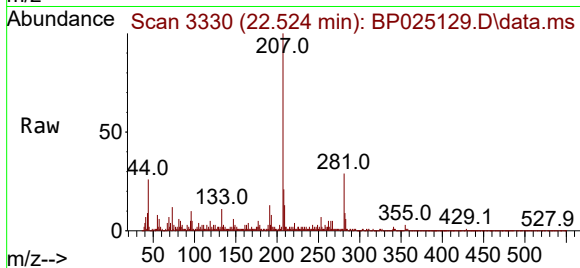
Tgt Ion:149 Resp: 896

Ion Ratio Lower Upper

149 100

167 67.3 1.3 1.9#

43 174.8 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.448 min Scan# 3657

Delta R.T. -0.047 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

Tgt Ion:264 Resp: 2822614

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.7 17.7 26.5

