

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050225\  
 Data File : BP024515.D  
 Acq On : 02 May 2025 19:03  
 Operator : RC/JU  
 Sample : Q1932-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 COMP-4

Quant Time: May 02 23:46:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.710  | 152  | 144481   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.481 | 136  | 572905   | 20.000 | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.340 | 164  | 364191   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.145 | 188  | 723453   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.592 | 240  | 837183   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 24.951 | 264  | 977394   | 20.000 | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.328  | 112  | 532476   | 60.937 | ng    | -0.02    |
| 7) Phenol-d6                | 6.899  | 99   | 655679   | 54.800 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.857  | 82   | 396368   | 39.450 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.863 | 330  | 355663   | 70.585 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.946 | 172  | 799000   | 33.591 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.869 | 244  | 1543603  | 37.164 | ng    | 0.00     |

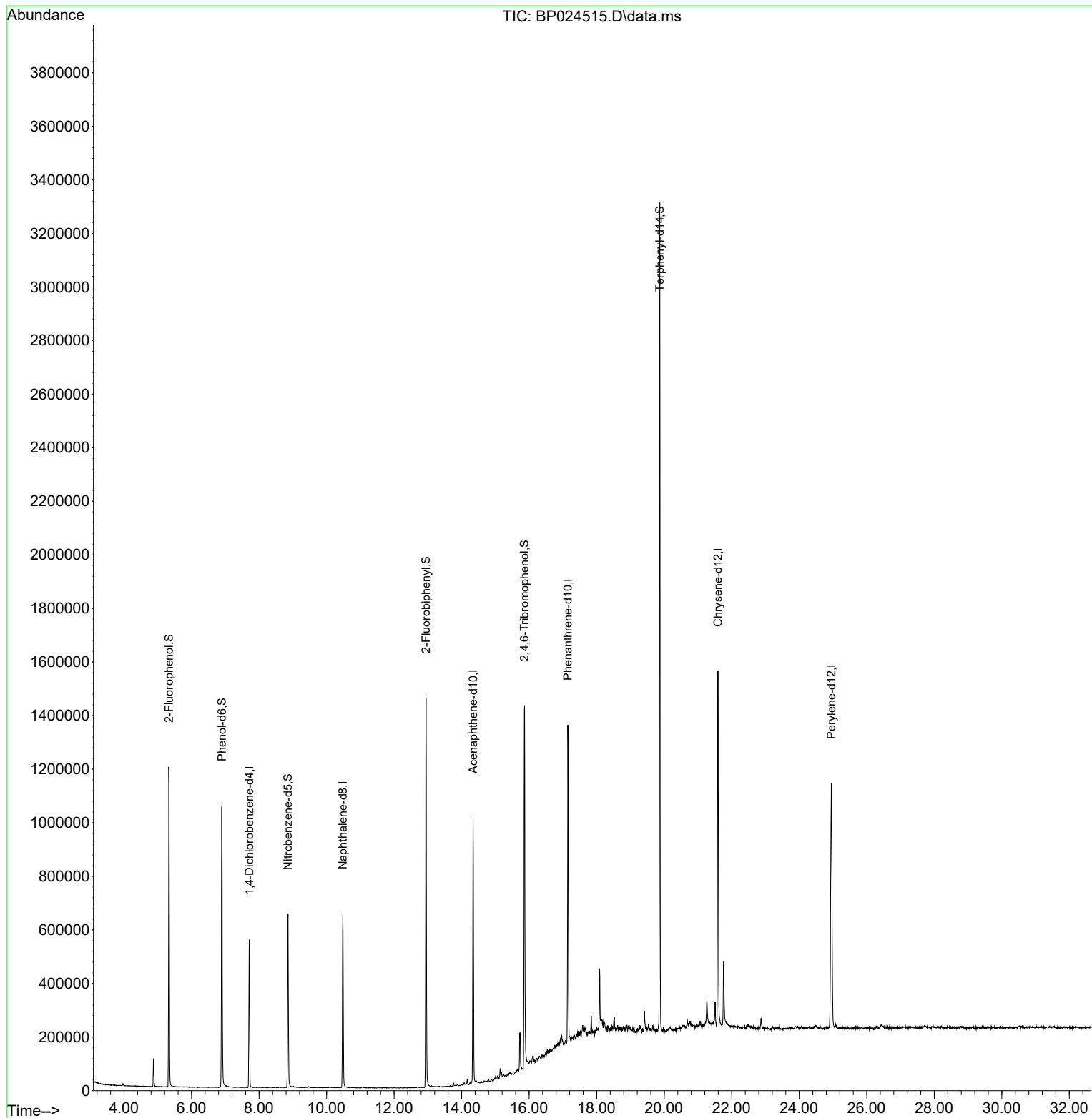
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

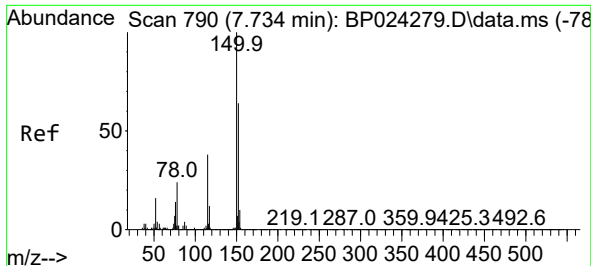
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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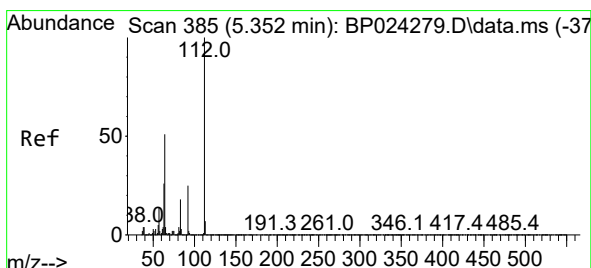
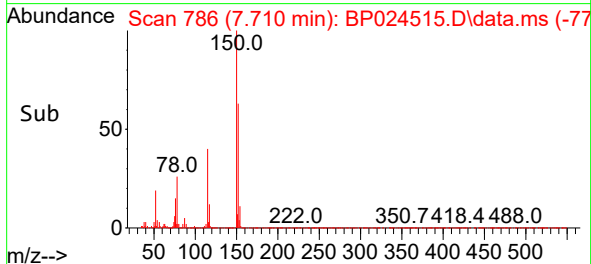
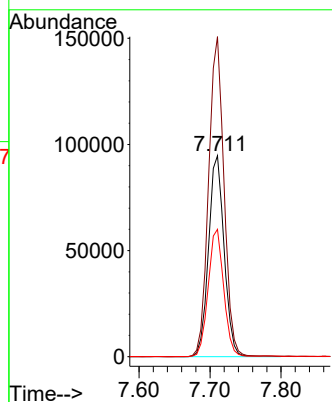
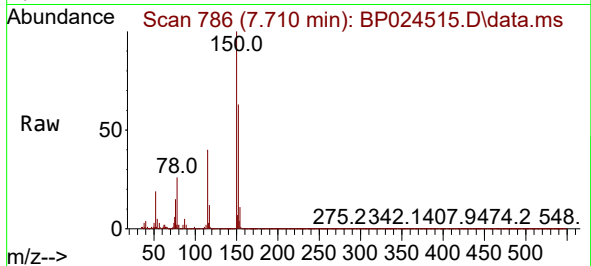




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.710 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BP024515.D  
Acq: 02 May 2025 19:03

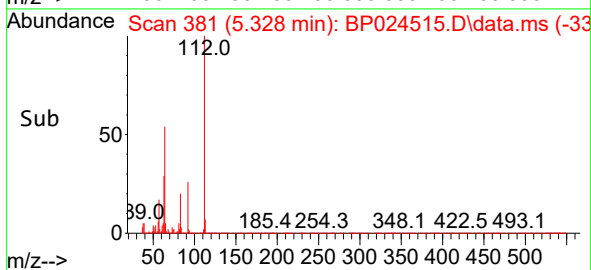
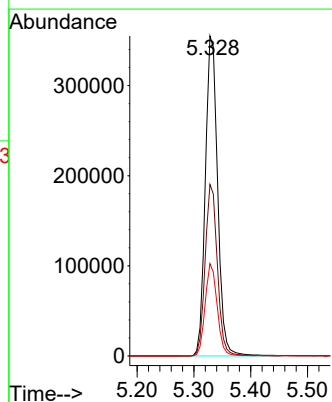
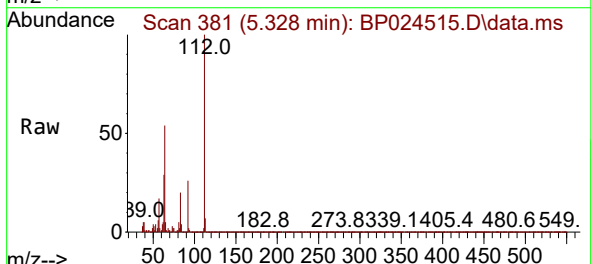
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-4

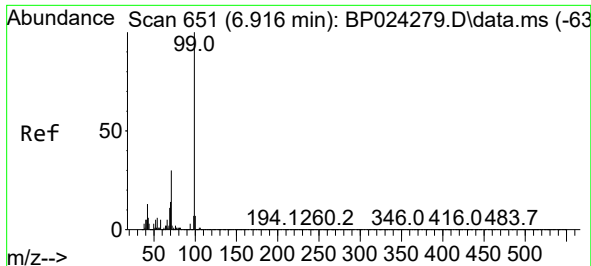
Tgt Ion:152 Resp: 144481  
Ion Ratio Lower Upper  
152 100  
150 159.2 124.9 187.3  
115 63.4 47.7 71.5



#5  
2-Fluorophenol  
Concen: 60.937 ng  
RT: 5.328 min Scan# 381  
Delta R.T. -0.018 min  
Lab File: BP024515.D  
Acq: 02 May 2025 19:03

Tgt Ion:112 Resp: 532476  
Ion Ratio Lower Upper  
112 100  
64 53.6 41.1 61.7  
63 28.9 20.6 30.8

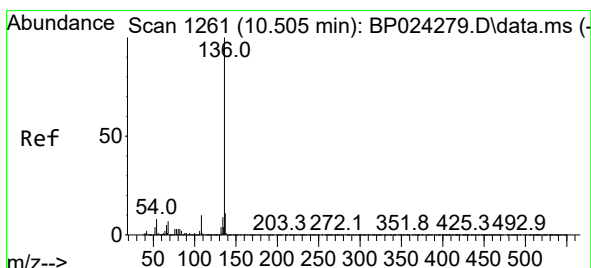
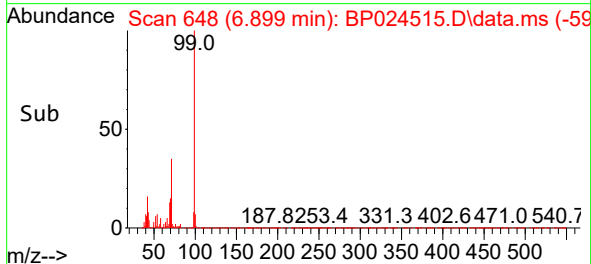
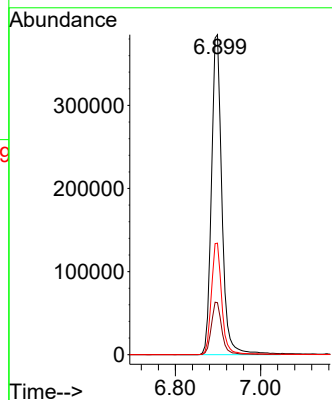
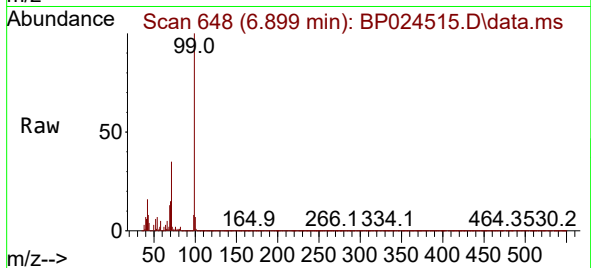




#7  
Phenol-d6  
Concen: 54.800 ng  
RT: 6.899 min Scan# 64  
Delta R.T. -0.012 min  
Lab File: BP024515.D  
Acq: 02 May 2025 19:03

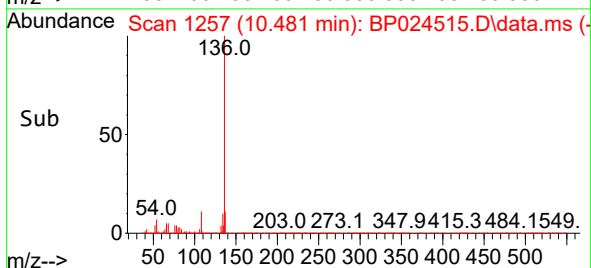
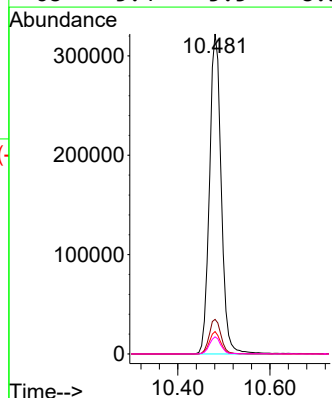
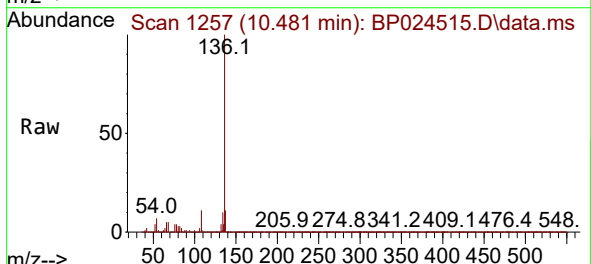
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-4

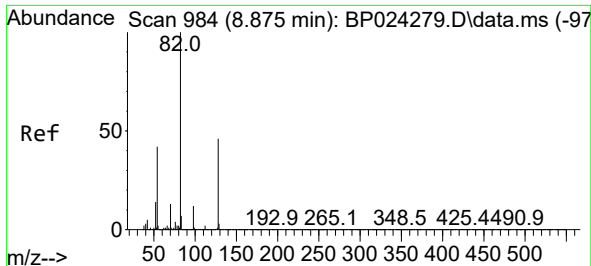
Tgt Ion: 99 Resp: 655679  
Ion Ratio Lower Upper  
99 100  
42 16.2 10.6 16.0#  
71 34.8 23.7 35.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.481 min Scan# 1257  
Delta R.T. -0.018 min  
Lab File: BP024515.D  
Acq: 02 May 2025 19:03

Tgt Ion:136 Resp: 572905  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.2 13.8  
54 7.0 6.0 9.0  
68 5.4 5.5 8.3#

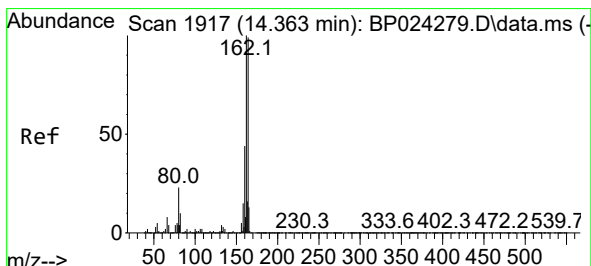
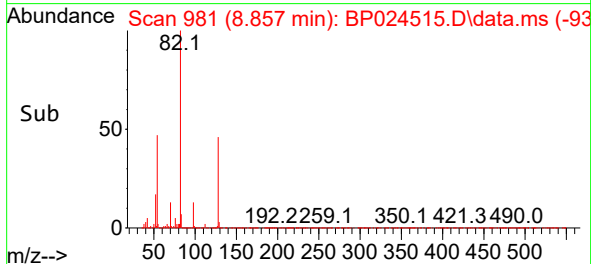
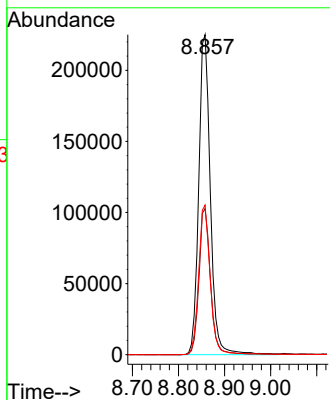
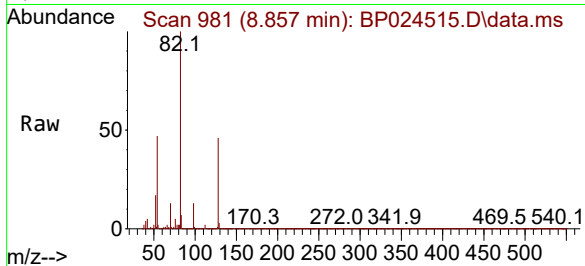




#23  
Nitrobenzene-d5  
Concen: 39.450 ng  
RT: 8.857 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP024515.D  
Acq: 02 May 2025 19:03

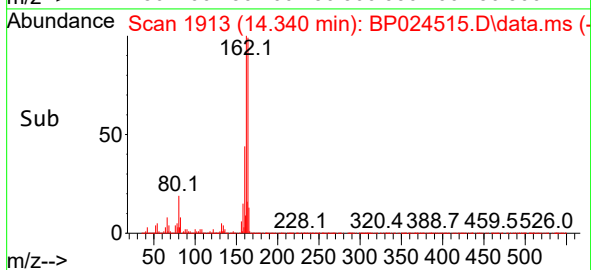
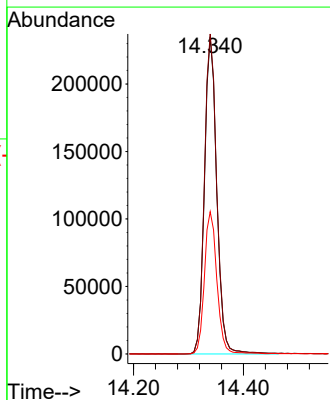
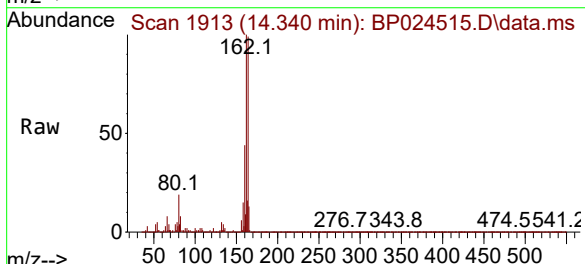
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-4

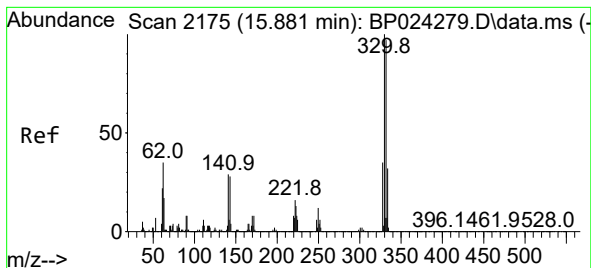
Tgt Ion: 82 Resp: 396368  
Ion Ratio Lower Upper  
82 100  
128 45.6 36.5 54.7  
54 46.7 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.340 min Scan# 1913  
Delta R.T. -0.012 min  
Lab File: BP024515.D  
Acq: 02 May 2025 19:03

Tgt Ion: 164 Resp: 364191  
Ion Ratio Lower Upper  
164 100  
162 100.9 80.6 120.8  
160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 70.585 ng

RT: 15.863 min Scan# 2175

Delta R.T. 0.000 min

Lab File: BP024515.D

Acq: 02 May 2025 19:03

Instrument :

BNA\_P

ClientSampleId :

COMP-4

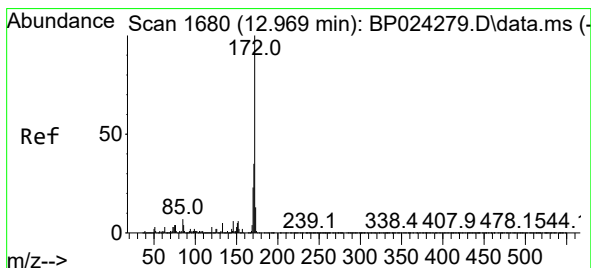
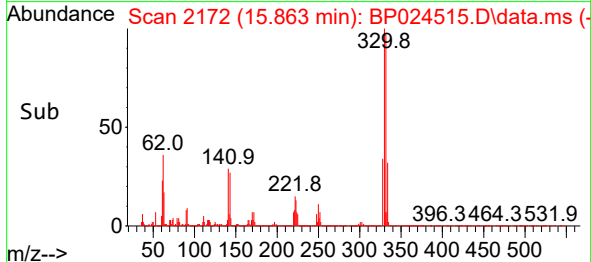
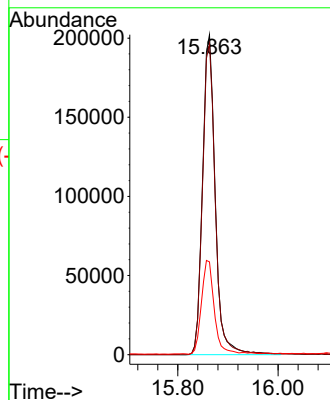
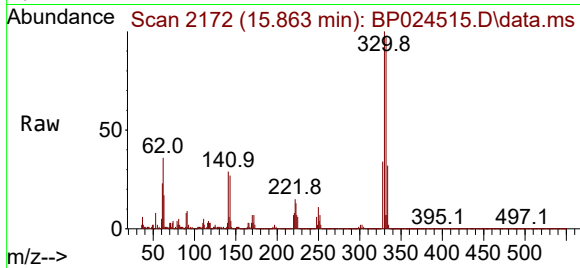
Tgt Ion:330 Resp: 355663

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

141 29.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 33.591 ng

RT: 12.946 min Scan# 1676

Delta R.T. -0.018 min

Lab File: BP024515.D

Acq: 02 May 2025 19:03

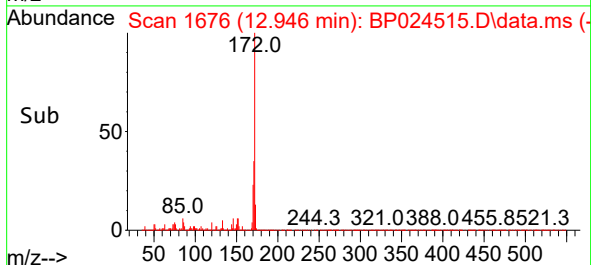
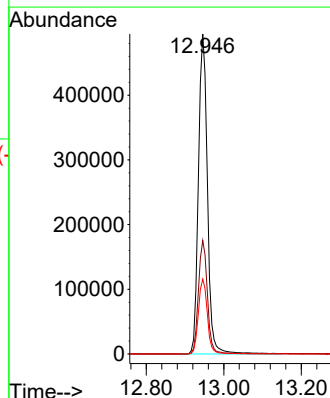
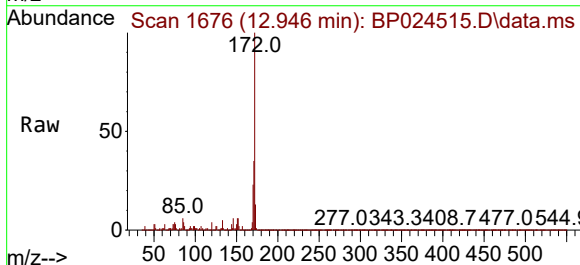
Tgt Ion:172 Resp: 799000

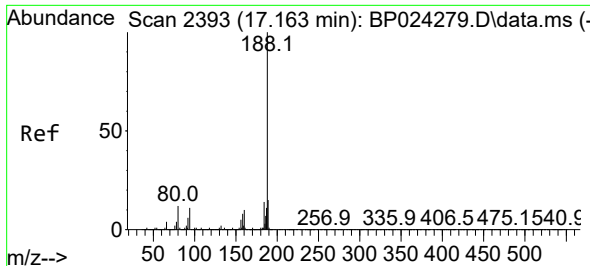
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.4 18.6 27.8

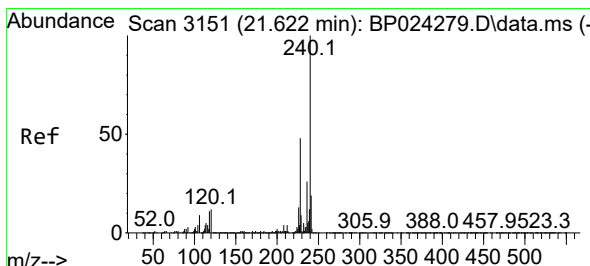
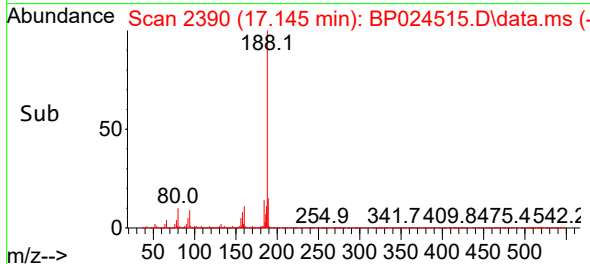
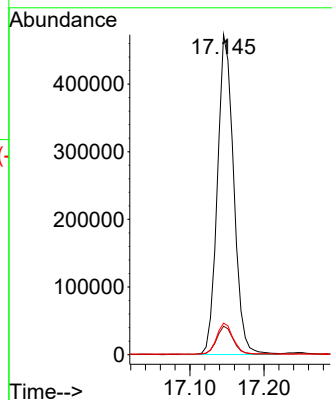
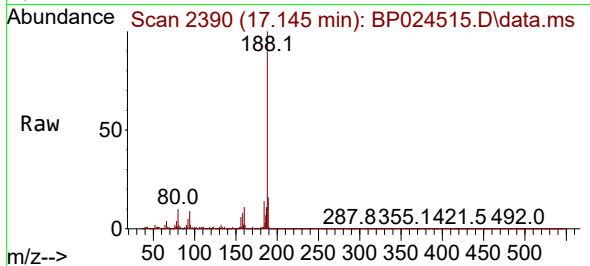




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.145 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP024515.D  
Acq: 02 May 2025 19:03

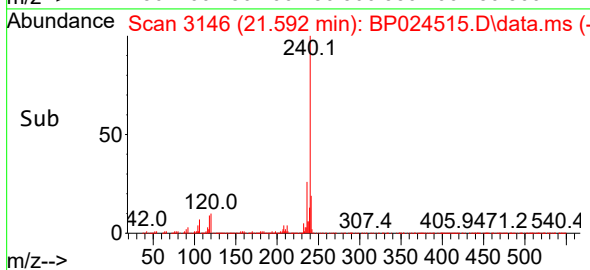
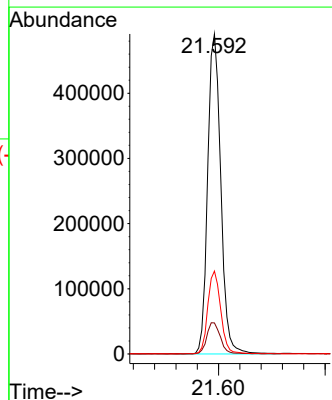
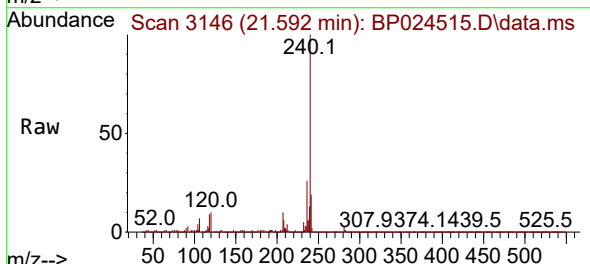
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-4

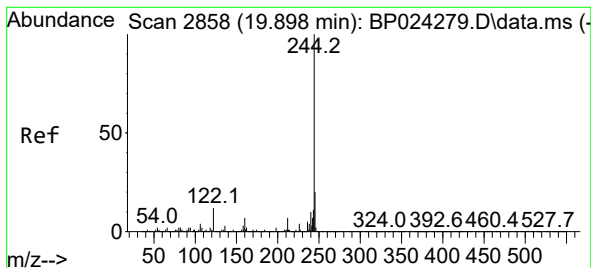
Tgt Ion:188 Resp: 723453  
Ion Ratio Lower Upper  
188 100  
94 8.9 8.6 13.0  
80 9.9 9.8 14.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.592 min Scan# 3146  
Delta R.T. 0.000 min  
Lab File: BP024515.D  
Acq: 02 May 2025 19:03

Tgt Ion:240 Resp: 837183  
Ion Ratio Lower Upper  
240 100  
120 9.7 9.8 14.8#  
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 37.164 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024515.D

Acq: 02 May 2025 19:03

Instrument :

BNA\_P

ClientSampleId :

COMP-4

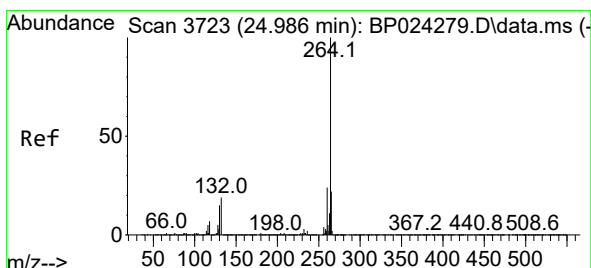
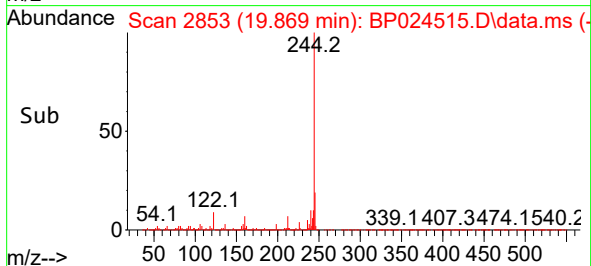
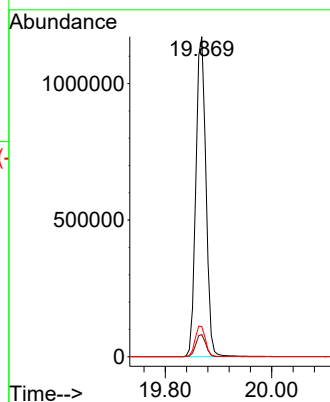
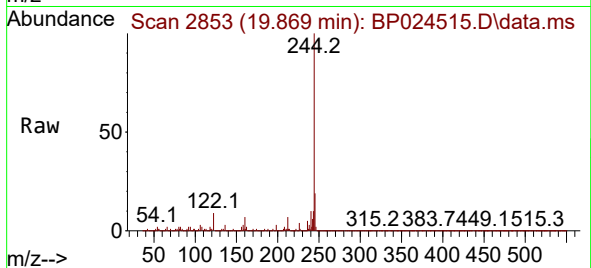
Tgt Ion:244 Resp: 1543603

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.4 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 3717

Delta R.T. 0.018 min

Lab File: BP024515.D

Acq: 02 May 2025 19:03

Tgt Ion:264 Resp: 977394

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.4 17.8 26.6

