

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050225\  
 Data File : BP024517.D  
 Acq On : 02 May 2025 20:25  
 Operator : RC/JU  
 Sample : Q1932-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 COMP-6

Quant Time: May 02 23:46:42 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   | 7.705  | 152  | 141906   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.481 | 136  | 583050   | 20.000 | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.340 | 164  | 371504   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.151 | 188  | 773162   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.592 | 240  | 911313   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 24.951 | 264  | 1079795  | 20.000 | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.328  | 112  | 606378   | 70.654 | ng    | -0.02    |
| 7) Phenol-d6                | 6.899  | 99   | 769913   | 65.515 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.857  | 82   | 447529   | 43.767 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.869 | 330  | 455316   | 88.584 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.951 | 172  | 959620   | 39.550 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.875 | 244  | 1934567  | 42.789 | ng    | 0.00     |

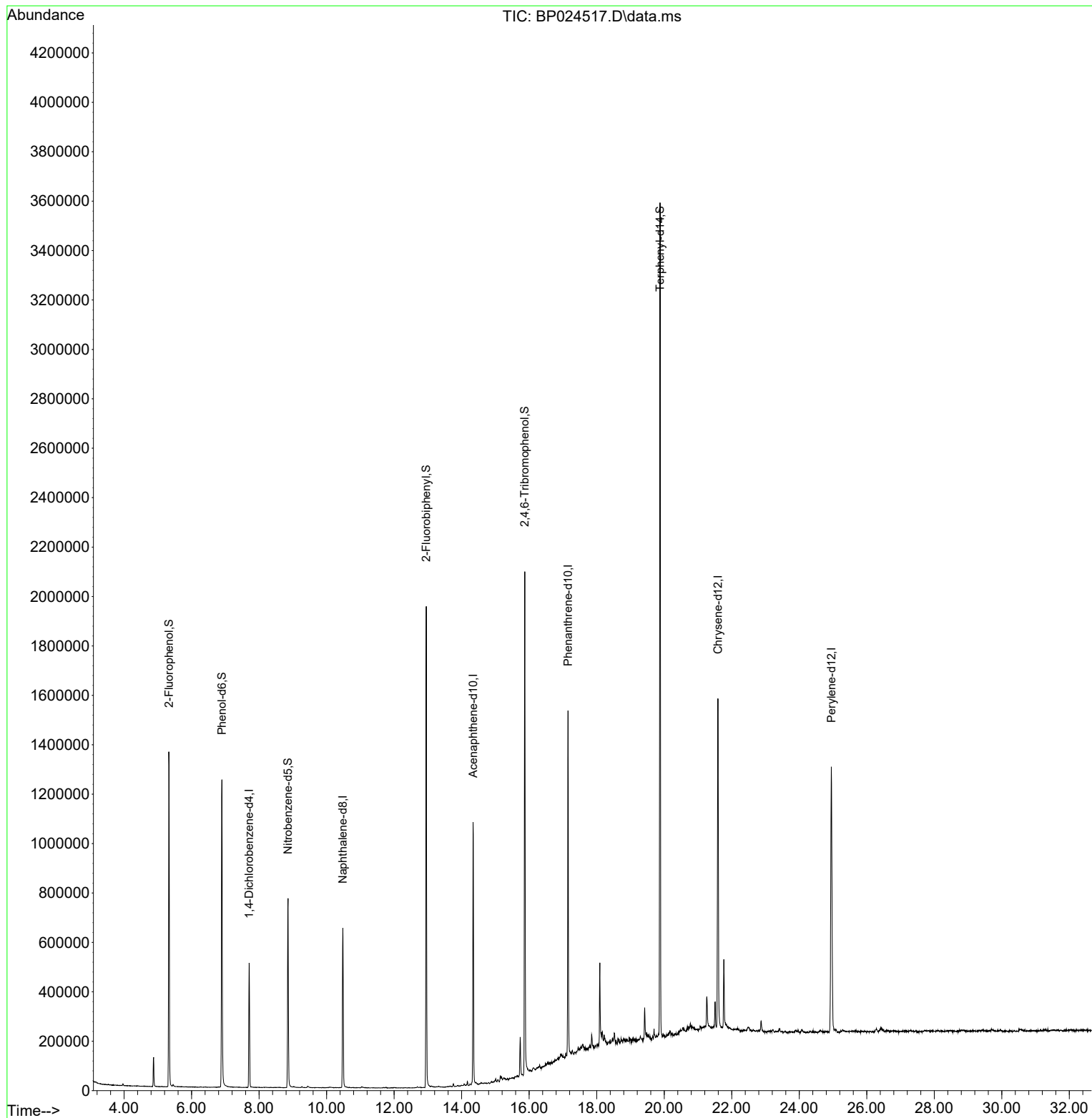
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

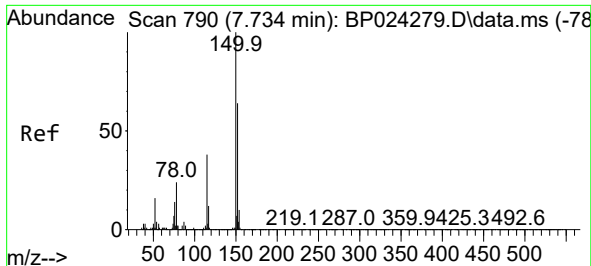
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : Q1932-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
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QLast Update : Fri Apr 18 12:04:48 2025  
Response via : Initial Calibration

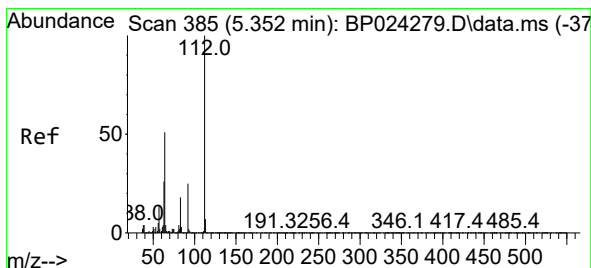
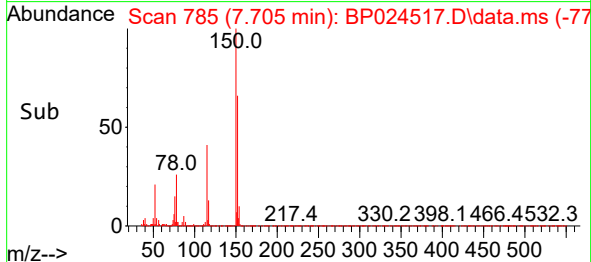
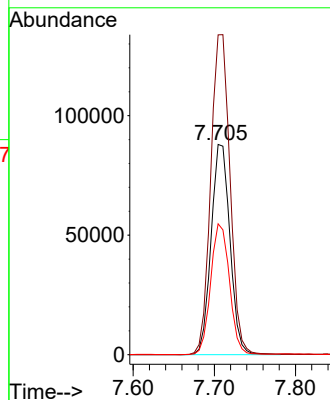
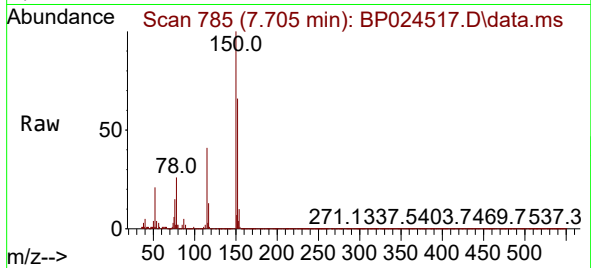




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.705 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BP024517.D  
Acq: 02 May 2025 20:25

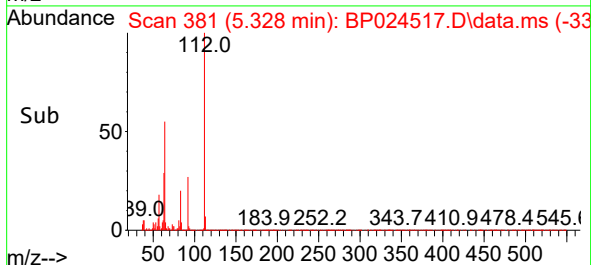
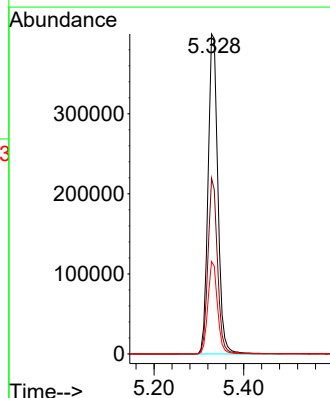
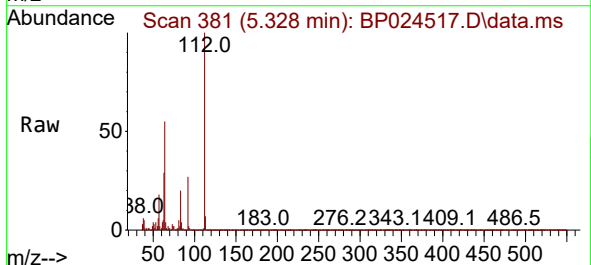
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-6

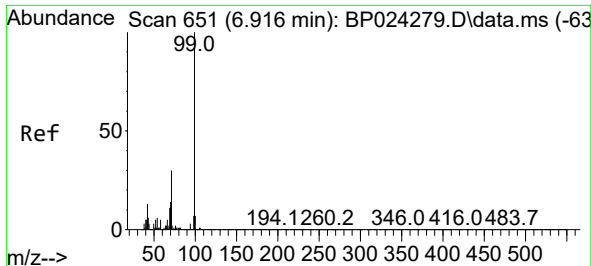
Tgt Ion:152 Resp: 141906  
Ion Ratio Lower Upper  
152 100  
150 152.2 124.9 187.3  
115 62.3 47.7 71.5



#5  
2-Fluorophenol  
Concen: 70.654 ng  
RT: 5.328 min Scan# 381  
Delta R.T. -0.018 min  
Lab File: BP024517.D  
Acq: 02 May 2025 20:25

Tgt Ion:112 Resp: 606378  
Ion Ratio Lower Upper  
112 100  
64 55.0 41.1 61.7  
63 28.9 20.6 30.8

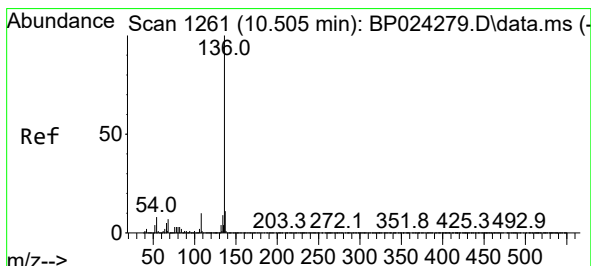
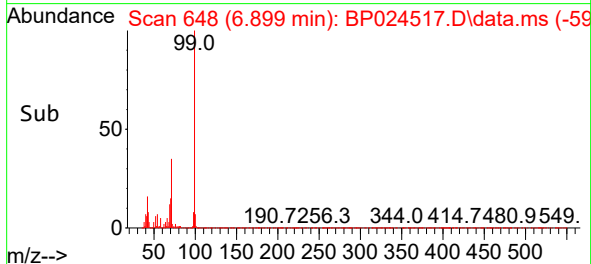
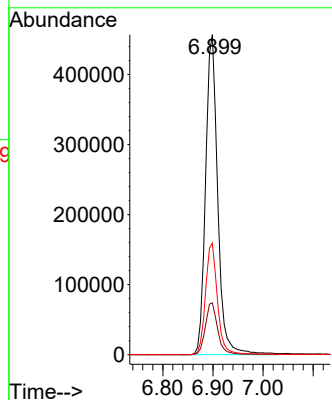
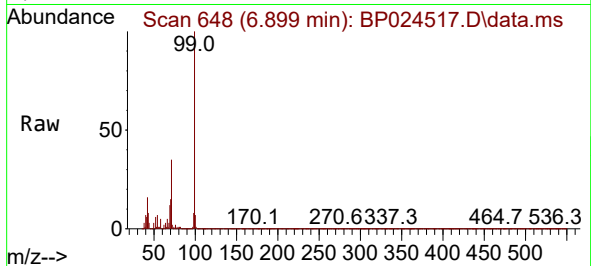




#7  
Phenol-d6  
Concen: 65.515 ng  
RT: 6.899 min Scan# 64  
Delta R.T. -0.012 min  
Lab File: BP024517.D  
Acq: 02 May 2025 20:25

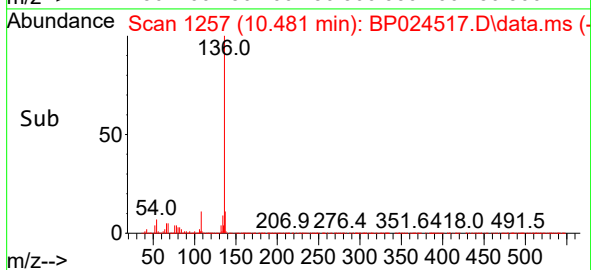
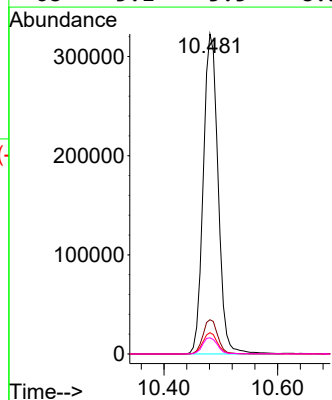
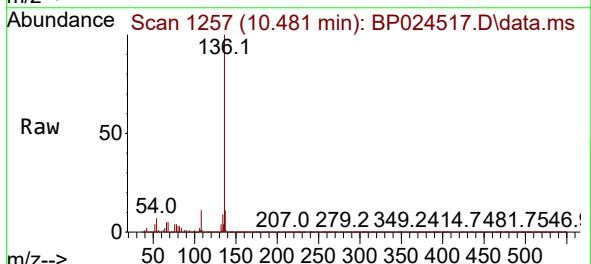
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-6

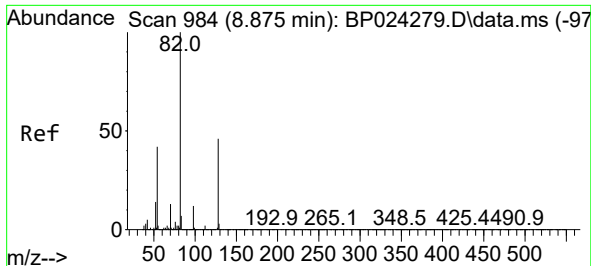
Tgt Ion: 99 Resp: 769913  
Ion Ratio Lower Upper  
99 100  
42 16.2 10.6 16.0#  
71 34.8 23.7 35.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.481 min Scan# 1257  
Delta R.T. -0.018 min  
Lab File: BP024517.D  
Acq: 02 May 2025 20:25

Tgt Ion: 136 Resp: 583050  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.2 13.8  
54 6.7 6.0 9.0  
68 5.1 5.5 8.3#

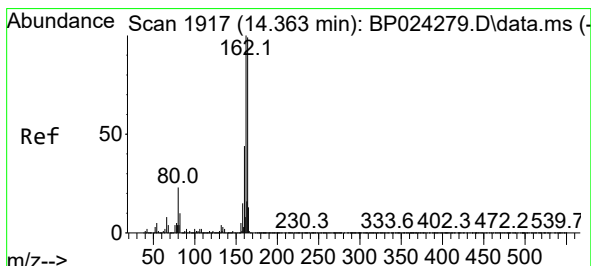
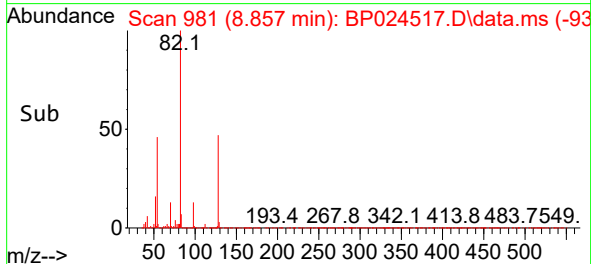
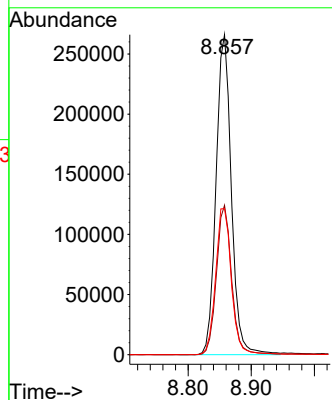
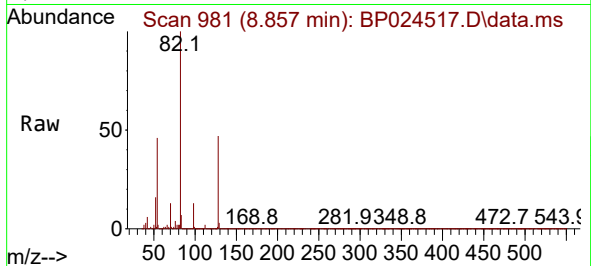




#23  
Nitrobenzene-d5  
Concen: 43.767 ng  
RT: 8.857 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP024517.D  
Acq: 02 May 2025 20:25

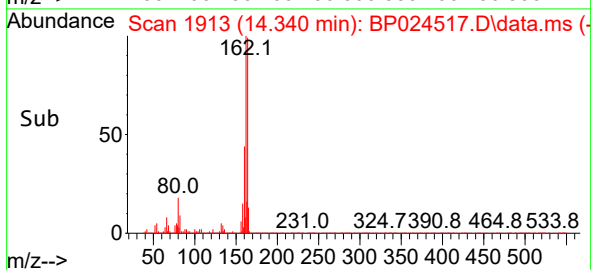
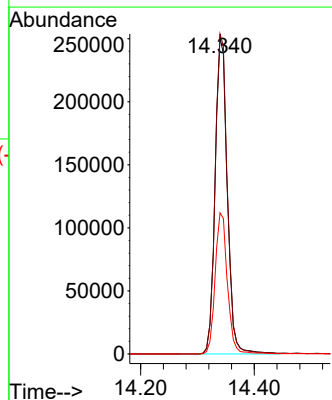
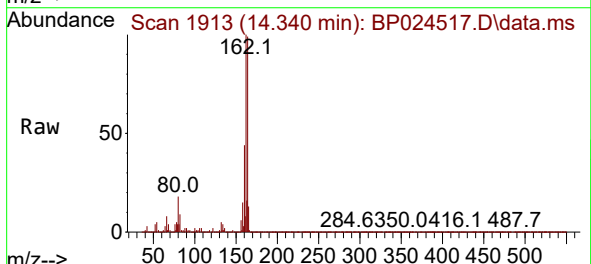
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-6

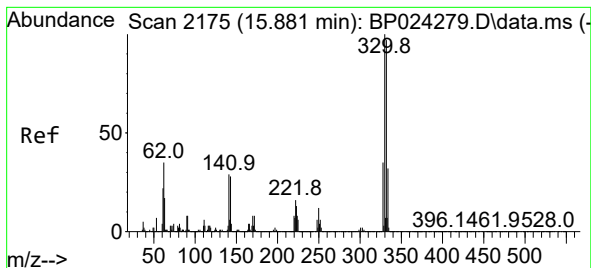
Tgt Ion: 82 Resp: 447529  
Ion Ratio Lower Upper  
82 100  
128 46.7 36.5 54.7  
54 45.6 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.340 min Scan# 1913  
Delta R.T. -0.012 min  
Lab File: BP024517.D  
Acq: 02 May 2025 20:25

Tgt Ion: 164 Resp: 371504  
Ion Ratio Lower Upper  
164 100  
162 101.1 80.6 120.8  
160 44.6 35.3 52.9

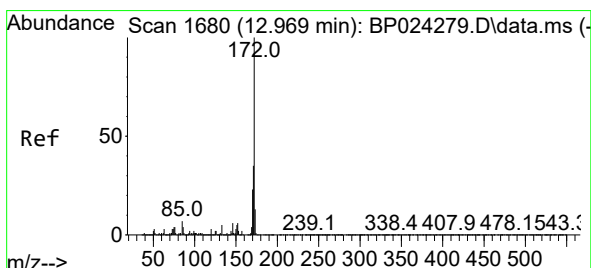
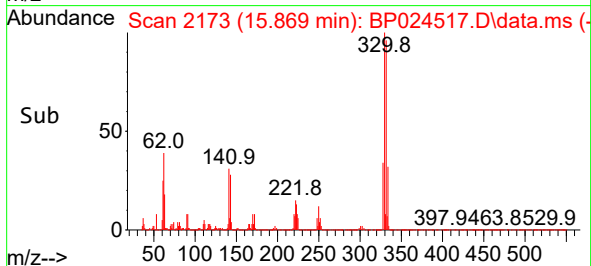
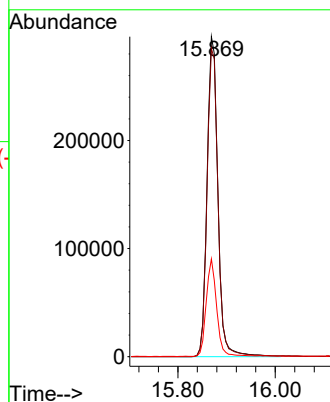
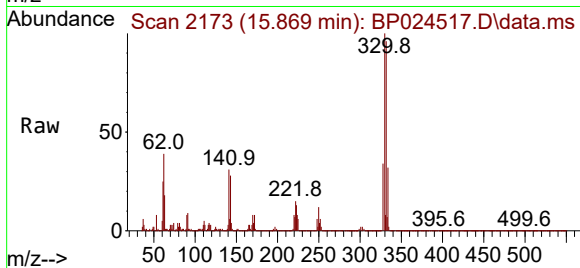




#42  
2,4,6-Tribromophenol  
Concen: 88.584 ng  
RT: 15.869 min Scan# 2173  
Delta R.T. 0.006 min  
Lab File: BP024517.D  
Acq: 02 May 2025 20:25

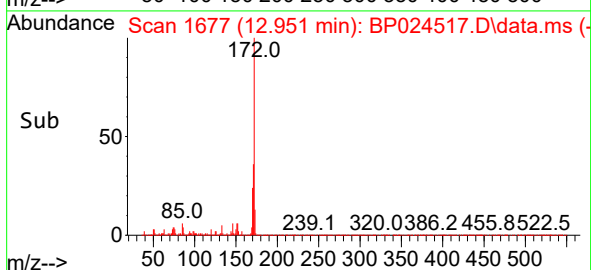
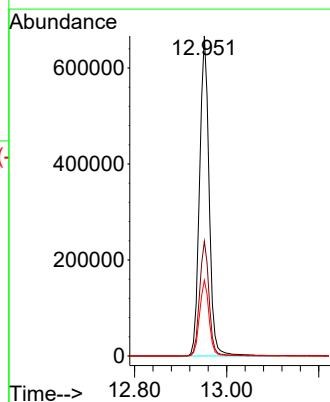
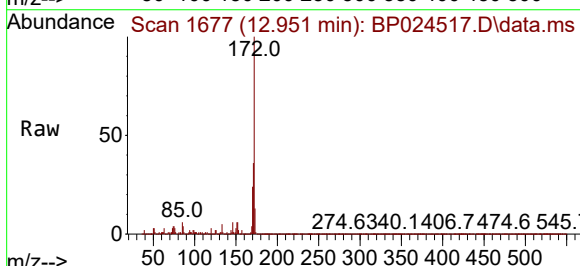
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-6

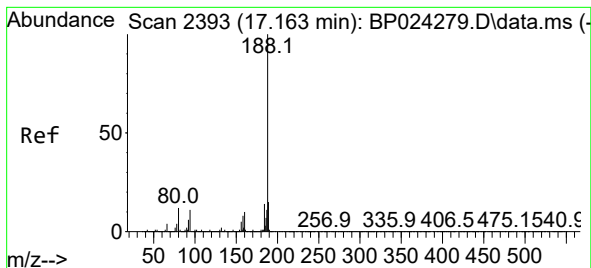
Tgt Ion:330 Resp: 455316  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.1 115.7  
141 29.4 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 39.550 ng  
RT: 12.951 min Scan# 1677  
Delta R.T. -0.012 min  
Lab File: BP024517.D  
Acq: 02 May 2025 20:25

Tgt Ion:172 Resp: 959620  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.2 42.2  
170 23.6 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024517.D

Acq: 02 May 2025 20:25

Instrument :

BNA\_P

ClientSampleId :

COMP-6

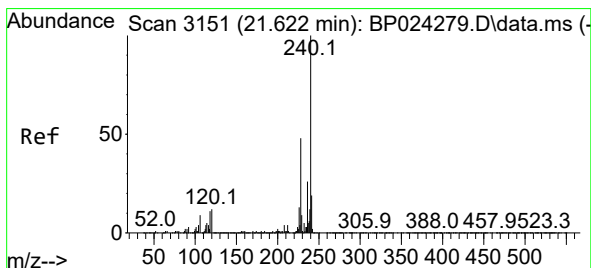
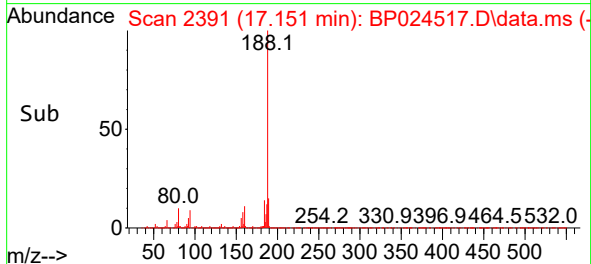
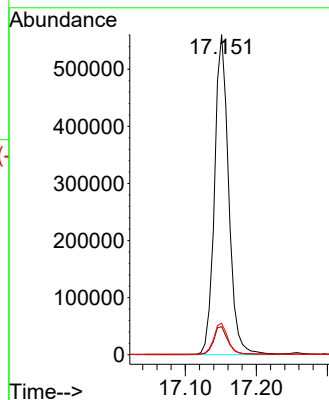
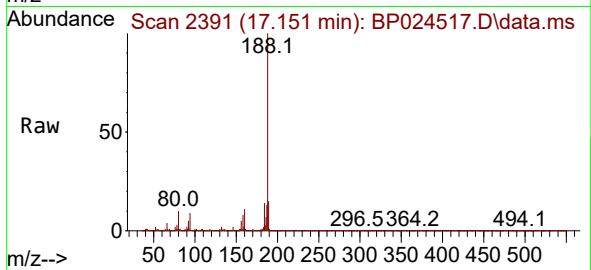
Tgt Ion:188 Resp: 773162

Ion Ratio Lower Upper

188 100

94 8.7 8.6 13.0

80 9.8 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: BP024517.D

Acq: 02 May 2025 20:25

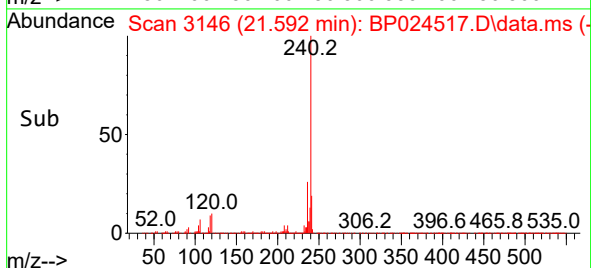
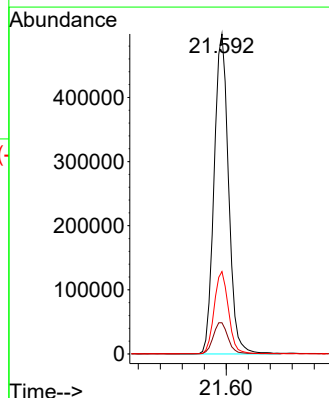
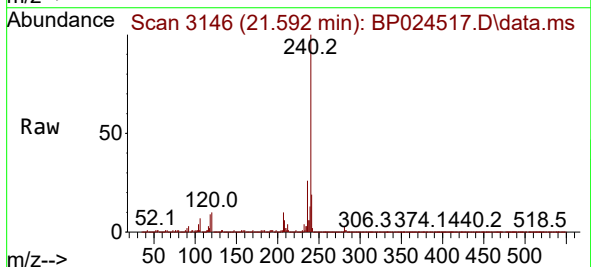
Tgt Ion:240 Resp: 911313

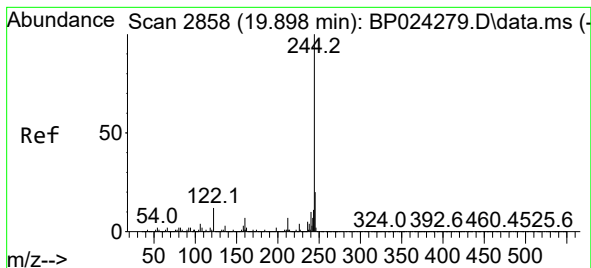
Ion Ratio Lower Upper

240 100

120 9.7 9.8 14.8#

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 42.789 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024517.D

Acq: 02 May 2025 20:25

Instrument :

BNA\_P

ClientSampleId :

COMP-6

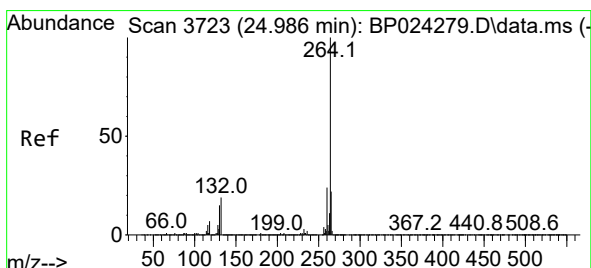
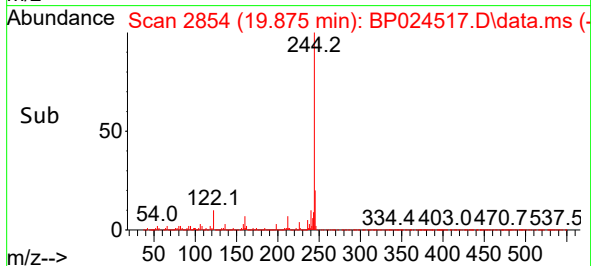
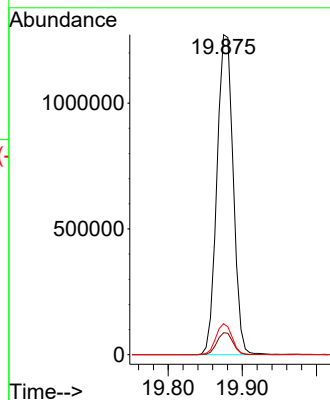
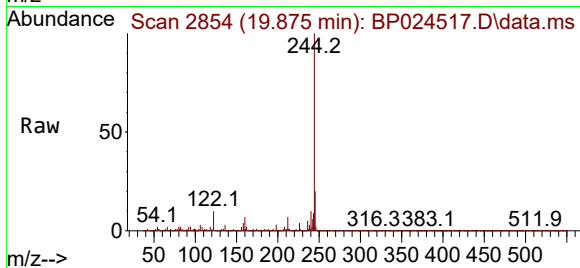
Tgt Ion:244 Resp: 1934567

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.7 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: BP024517.D

Acq: 02 May 2025 20:25

Tgt Ion:264 Resp: 1079795

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.7 17.8 26.6

