

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042925\  
 Data File : BP024462.D  
 Acq On : 29 Apr 2025 16:41  
 Operator : RC/JU  
 Sample : Q1871-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-A

Quant Time: Apr 29 17:03:42 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

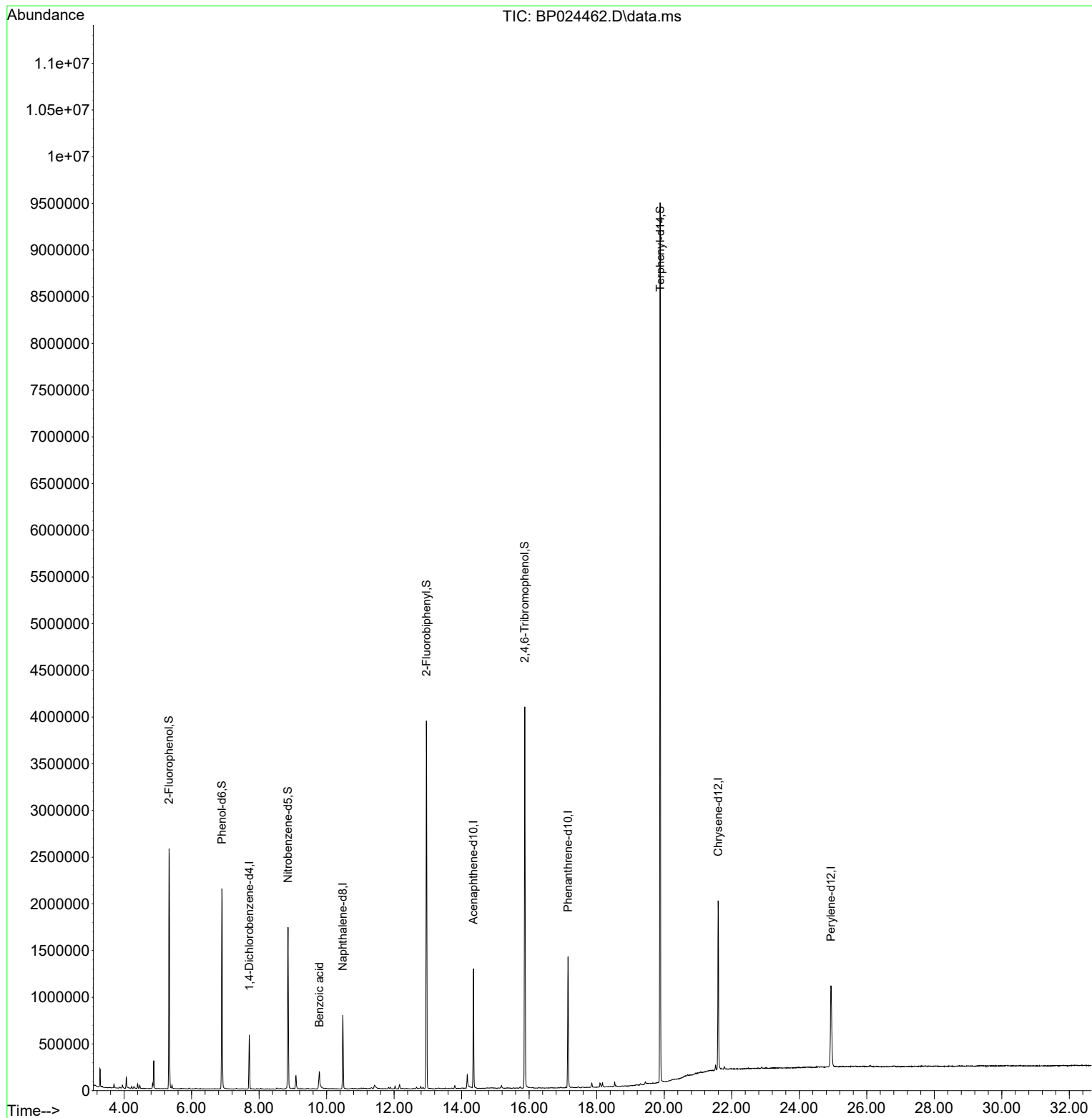
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.710  | 152  | 157409   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.481 | 136  | 619557   | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.351 | 164  | 392799   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.151 | 188  | 853964   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.598 | 240  | 985729   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.939 | 264  | 903330   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.334  | 112  | 1141102  | 119.864 | ng    | -0.01    |
| 7) Phenol-d6                | 6.899  | 99   | 1260131  | 96.669  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.857  | 82   | 949622   | 87.399  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.869 | 330  | 917152   | 168.762 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.957 | 172  | 2058562  | 80.242  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.880 | 244  | 4601001  | 94.082  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 32) Benzoic acid            | 9.787  | 122  | 110832m  | 14.401  | ng    | Qvalue   |
| -----                       |        |      |          |         |       |          |

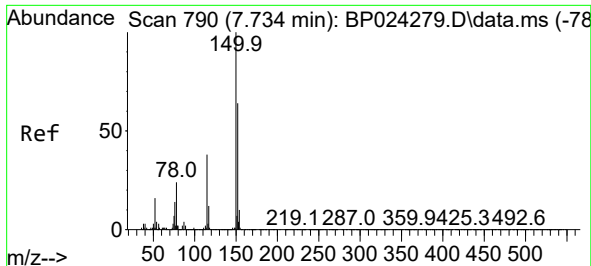
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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  
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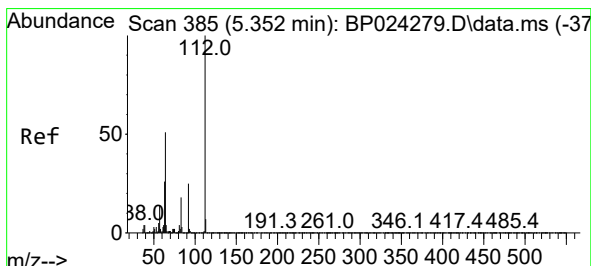
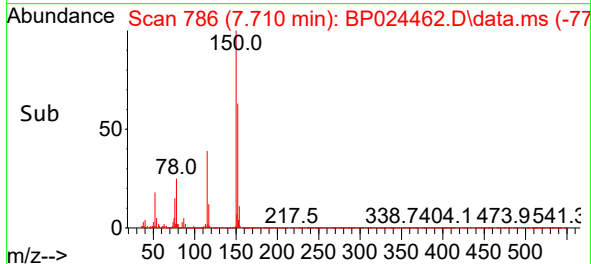
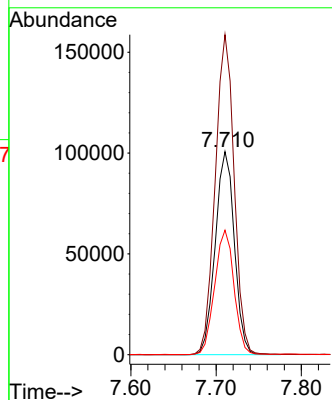
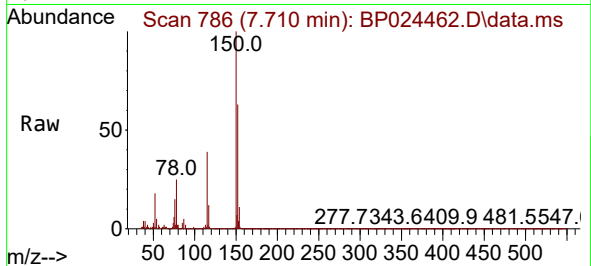




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.710 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BP024462.D  
Acq: 29 Apr 2025 16:41

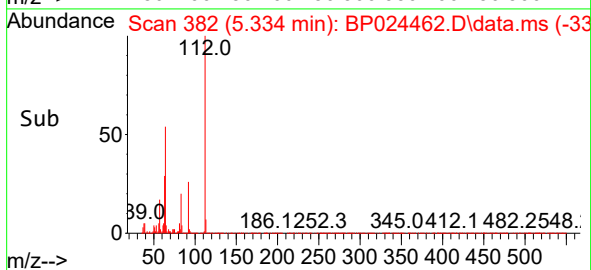
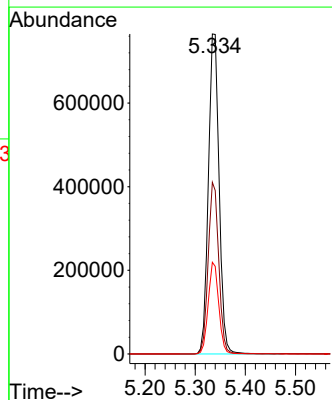
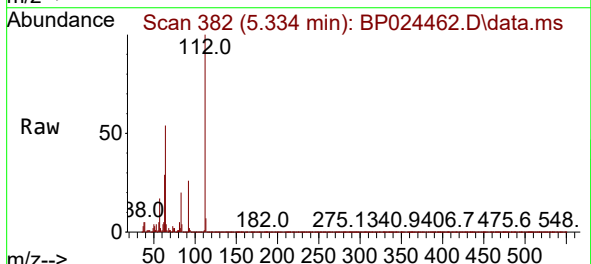
Instrument :  
BNA\_P  
ClientSampleId :  
MH-A

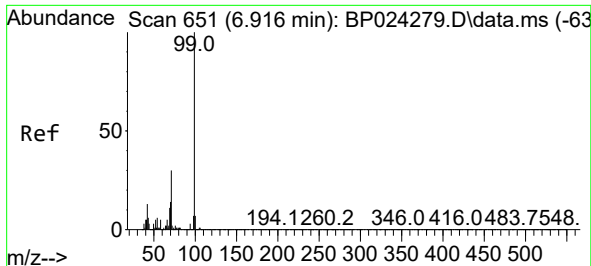
Tgt Ion:152 Resp: 157409  
Ion Ratio Lower Upper  
152 100  
150 157.7 124.9 187.3  
115 61.3 47.7 71.5



#5  
2-Fluorophenol  
Concen: 119.864 ng  
RT: 5.334 min Scan# 382  
Delta R.T. -0.012 min  
Lab File: BP024462.D  
Acq: 29 Apr 2025 16:41

Tgt Ion:112 Resp: 1141102  
Ion Ratio Lower Upper  
112 100  
64 53.7 41.1 61.7  
63 28.7 20.6 30.8

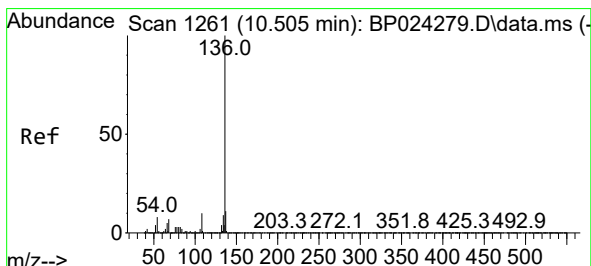
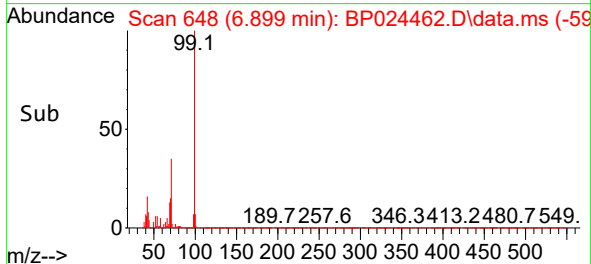
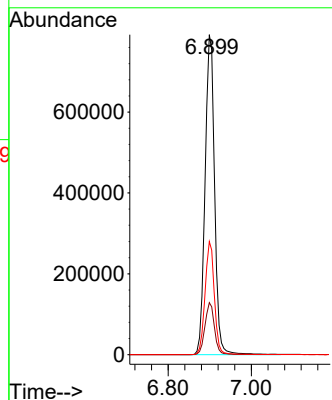
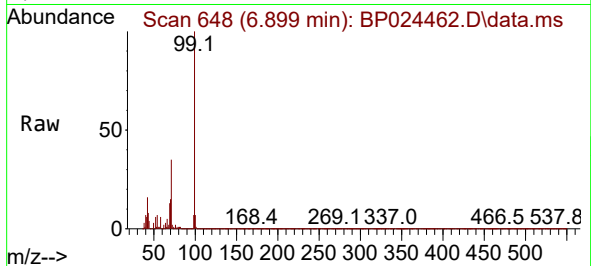




#7  
Phenol-d6  
Concen: 96.669 ng  
RT: 6.899 min Scan# 64  
Delta R.T. -0.012 min  
Lab File: BP024462.D  
Acq: 29 Apr 2025 16:41

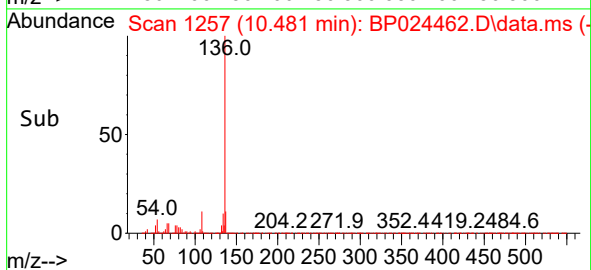
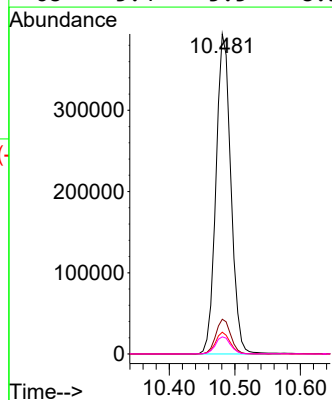
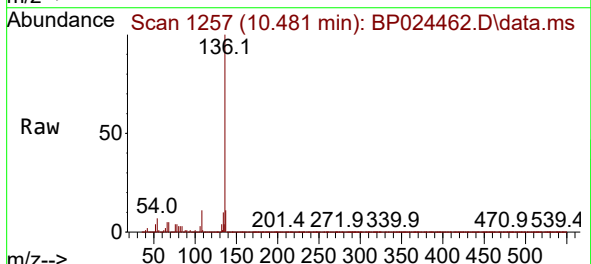
Instrument :  
BNA\_P  
ClientSampleId :  
MH-A

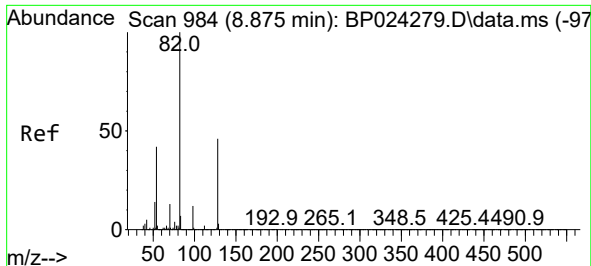
Tgt Ion: 99 Resp: 1260131  
Ion Ratio Lower Upper  
99 100  
42 16.2 10.6 16.0#  
71 35.4 23.7 35.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.481 min Scan# 1257  
Delta R.T. -0.018 min  
Lab File: BP024462.D  
Acq: 29 Apr 2025 16:41

Tgt Ion: 136 Resp: 619557  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.2 13.8  
54 6.8 6.0 9.0  
68 5.4 5.5 8.3#

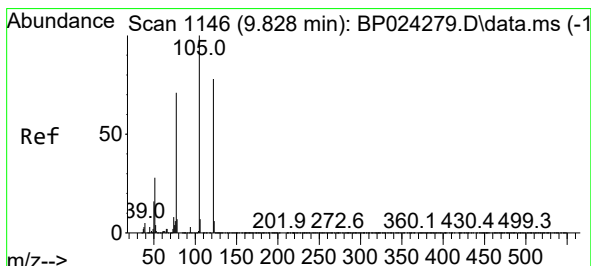
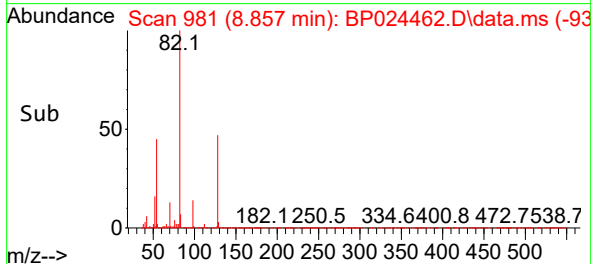
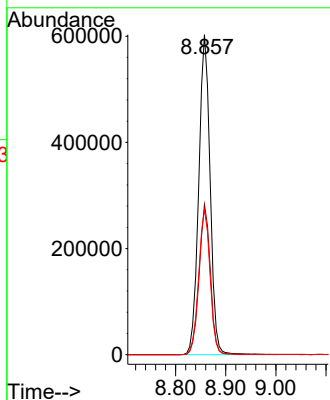
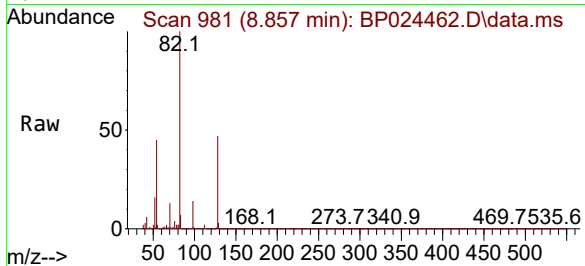




#23  
Nitrobenzene-d5  
Concen: 87.399 ng  
RT: 8.857 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP024462.D  
Acq: 29 Apr 2025 16:41

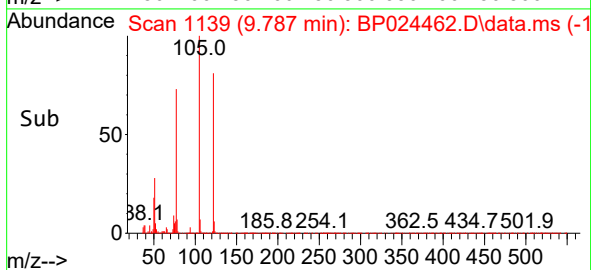
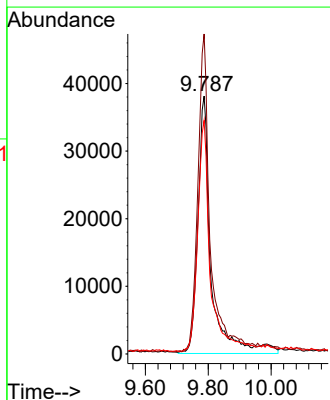
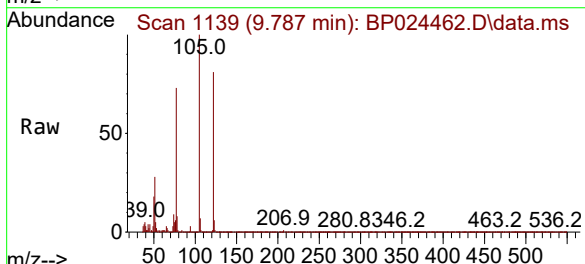
Instrument :  
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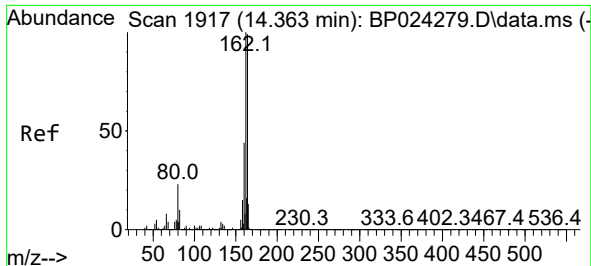
Tgt Ion: 82 Resp: 949622  
Ion Ratio Lower Upper  
82 100  
128 47.0 36.5 54.7  
54 45.3 33.4 50.2



#32  
Benzoic acid  
Concen: 14.401 ng m  
RT: 9.787 min Scan# 1139  
Delta R.T. -0.035 min  
Lab File: BP024462.D  
Acq: 29 Apr 2025 16:41

Tgt Ion: 122 Resp: 110832  
Ion Ratio Lower Upper  
122 100  
105 124.1 104.8 144.8  
77 90.5 69.2 109.2

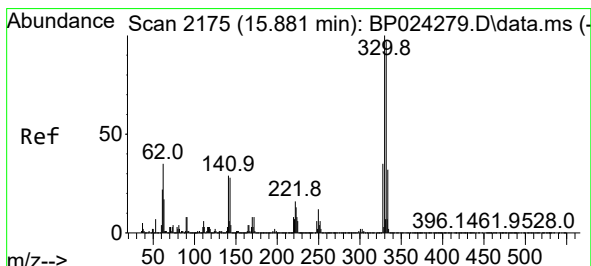
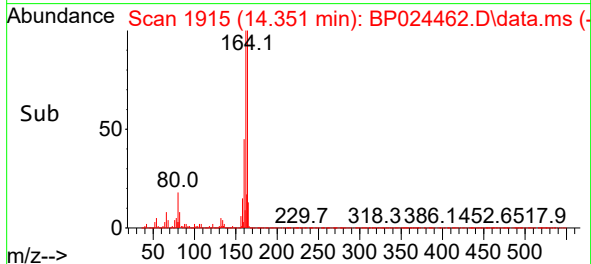
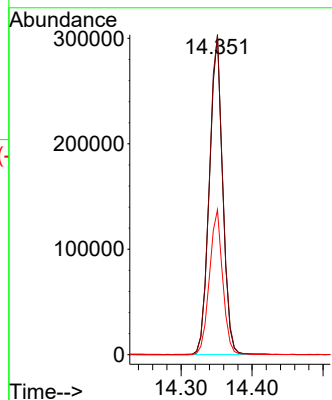
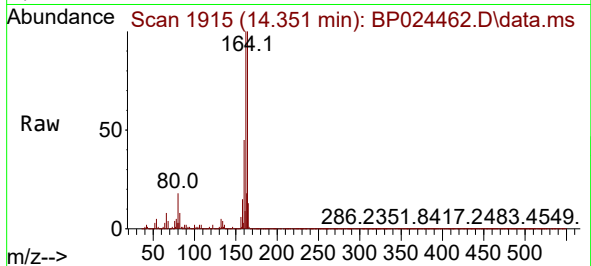




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.351 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: BP024462.D  
Acq: 29 Apr 2025 16:41

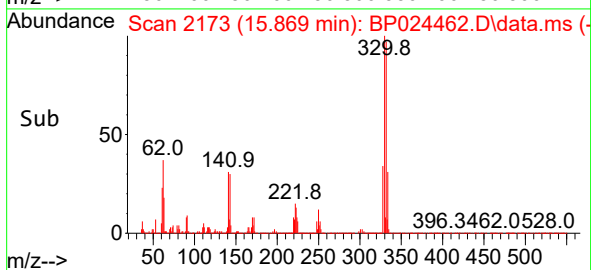
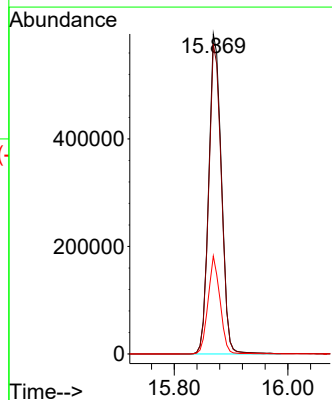
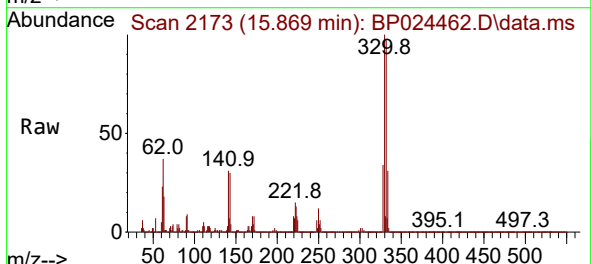
Instrument :  
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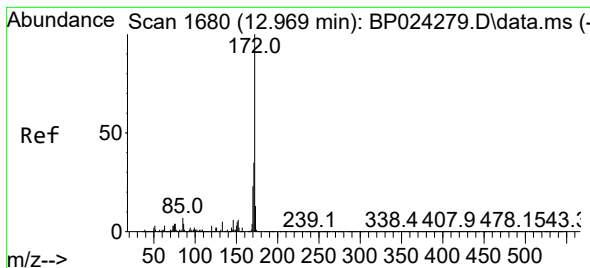
Tgt Ion:164 Resp: 392799  
Ion Ratio Lower Upper  
164 100  
162 99.8 80.6 120.8  
160 45.3 35.3 52.9



#42  
2,4,6-Tribromophenol  
Concen: 168.762 ng  
RT: 15.869 min Scan# 2173  
Delta R.T. 0.006 min  
Lab File: BP024462.D  
Acq: 29 Apr 2025 16:41

Tgt Ion:330 Resp: 917152  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.1 115.7  
141 29.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 80.242 ng

RT: 12.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024462.D

Acq: 29 Apr 2025 16:41

Instrument :

BNA\_P

ClientSampleId :

MH-A

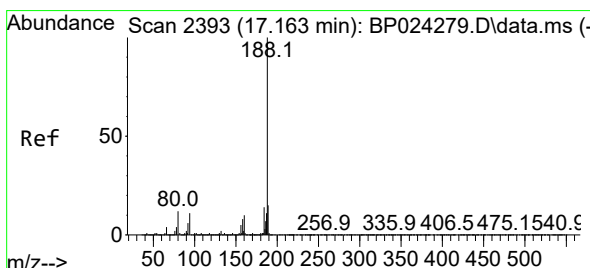
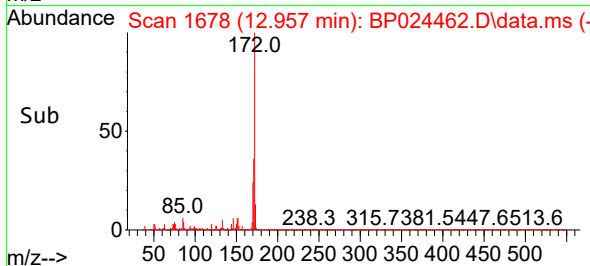
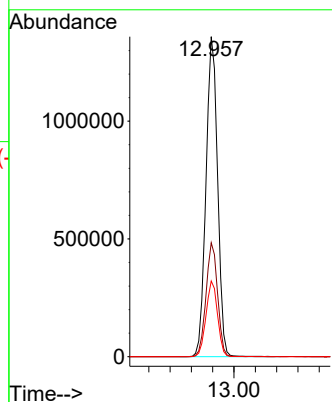
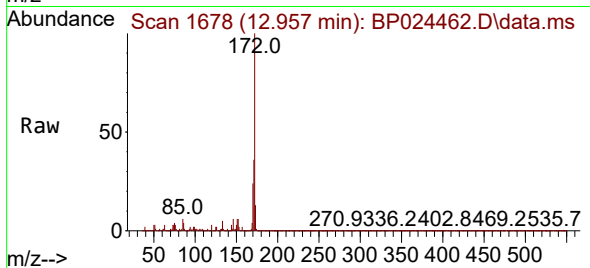
Tgt Ion:172 Resp: 2058562

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.7 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 2391

Delta R.T. 0.006 min

Lab File: BP024462.D

Acq: 29 Apr 2025 16:41

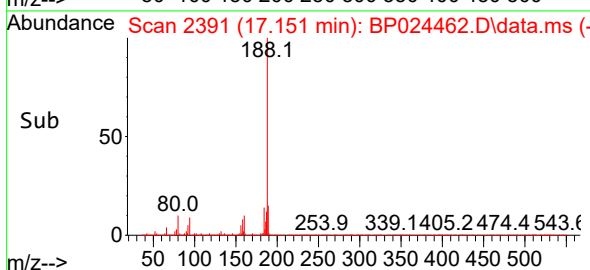
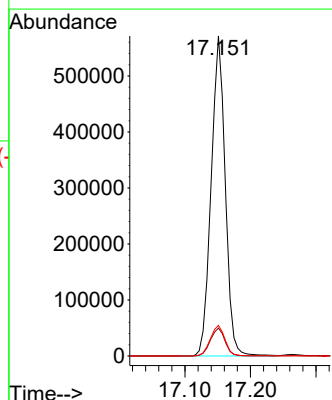
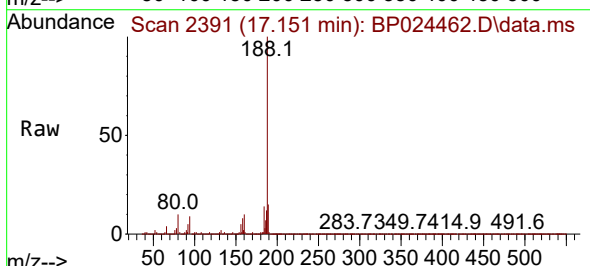
Tgt Ion:188 Resp: 853964

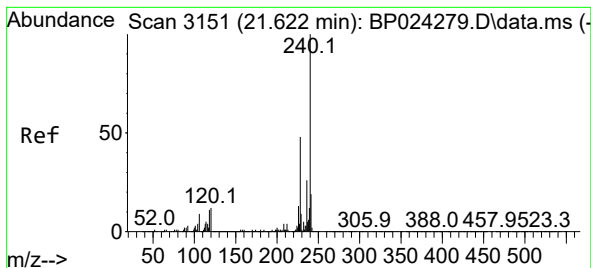
Ion Ratio Lower Upper

188 100

94 8.7 8.6 13.0

80 9.5 9.8 14.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP024462.D

Acq: 29 Apr 2025 16:41

Instrument :

BNA\_P

ClientSampleId :

MH-A

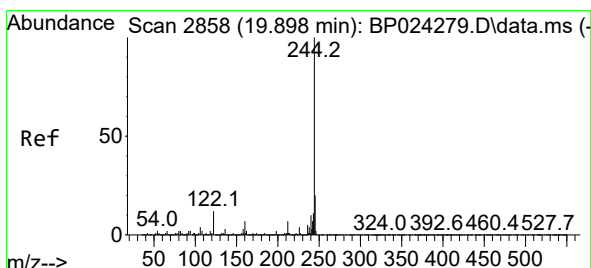
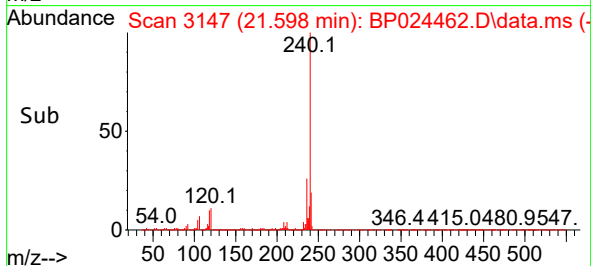
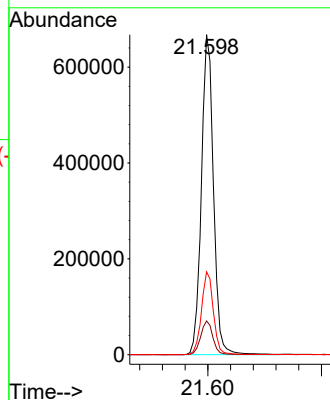
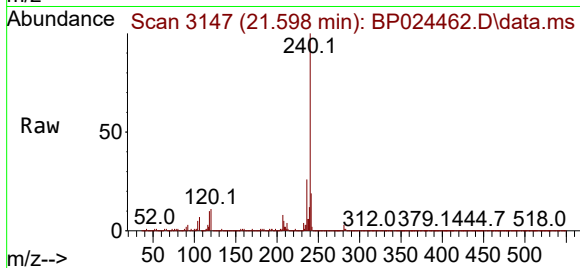
Tgt Ion:240 Resp: 985729

Ion Ratio Lower Upper

240 100

120 10.6 9.8 14.8

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 94.082 ng

RT: 19.880 min Scan# 2855

Delta R.T. 0.006 min

Lab File: BP024462.D

Acq: 29 Apr 2025 16:41

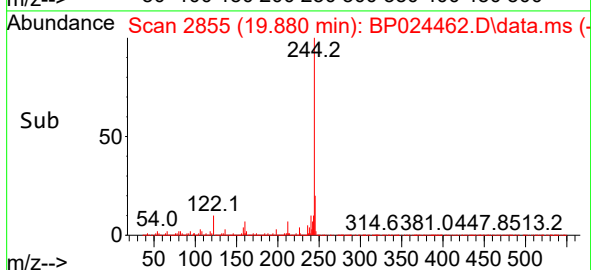
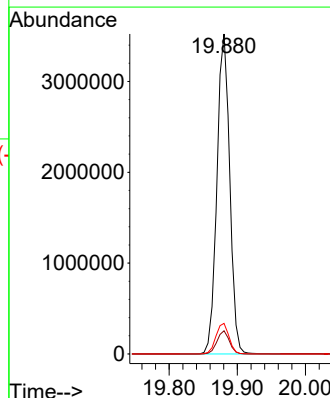
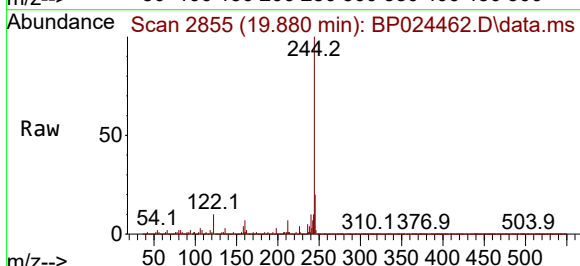
Tgt Ion:244 Resp: 4601001

Ion Ratio Lower Upper

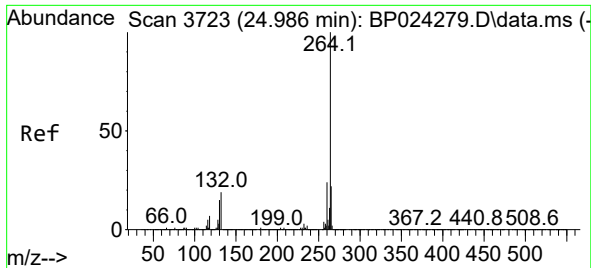
244 100

212 7.3 5.6 8.4

122 9.6 9.4 14.0







#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.939 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BP024462.D  
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Tgt Ion:264 Resp: 903330  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.9 28.3  
265 21.7 17.8 26.6

