

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040825\  
 Data File : BP024224.D  
 Acq On : 08 Apr 2025 22:33  
 Operator : RC/JU  
 Sample : Q1730-17  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OU4-PCS-TC-26-040325

Quant Time: Apr 09 01:03:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 05:55:58 2025  
 Response via : Initial Calibration

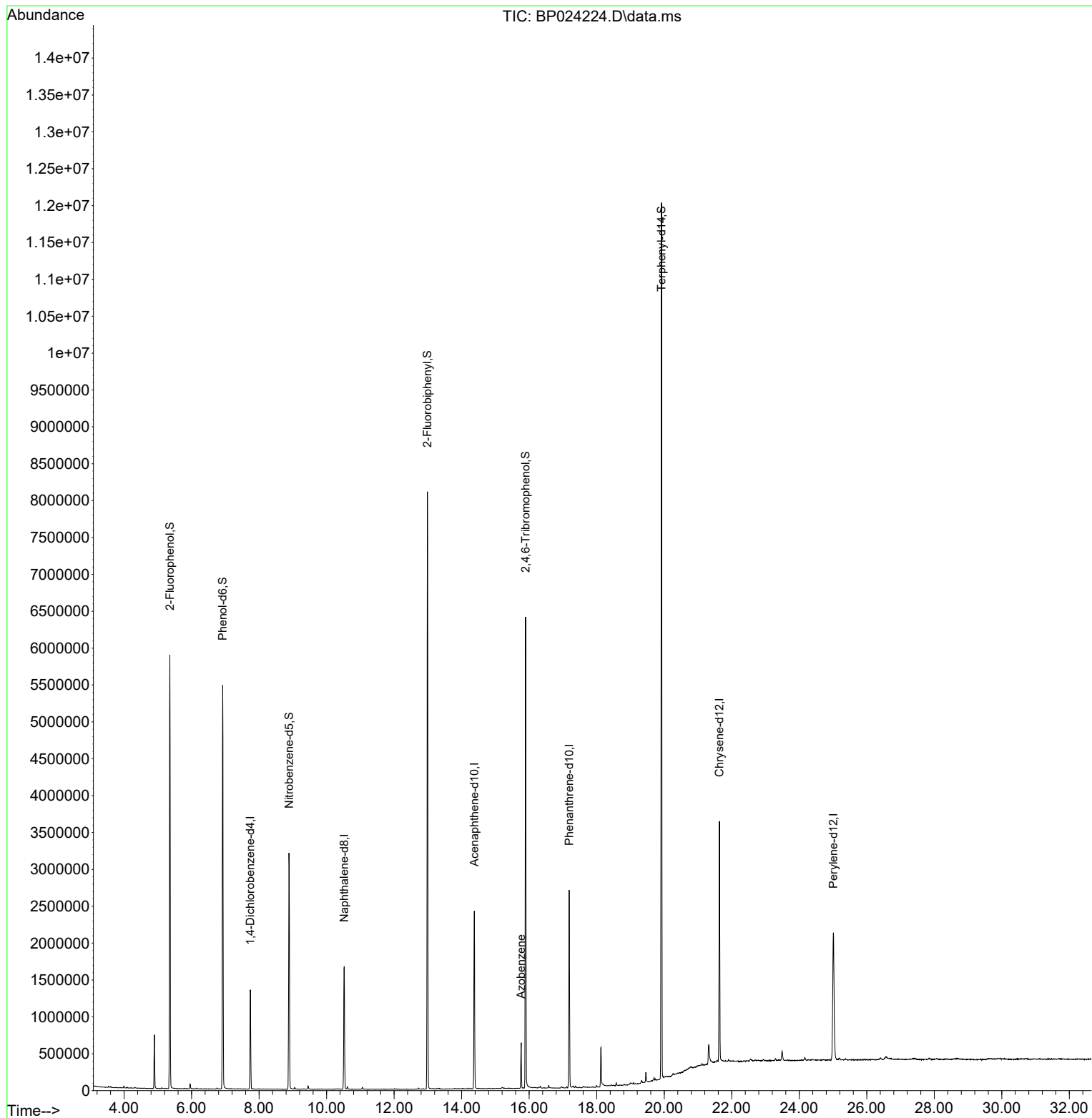
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|---------|-------|------------|
| -----                       |        |      |          |         |       |            |
| Internal Standards          |        |      |          |         |       |            |
| 1) 1,4-Dichlorobenzene-d4   | 7.740  | 152  | 380917   | 20.000  | ng    | -0.03      |
| 21) Naphthalene-d8          | 10.522 | 136  | 1487334  | 20.000  | ng    | -0.03      |
| 39) Acenaphthene-d10        | 14.375 | 164  | 855561   | 20.000  | ng    | -0.03      |
| 64) Phenanthrene-d10        | 17.187 | 188  | 1625029  | 20.000  | ng    | -0.02      |
| 76) Chrysene-d12            | 21.633 | 240  | 1730314  | 20.000  | ng    | -0.02      |
| 86) Perylene-d12            | 25.010 | 264  | 1816084  | 20.000  | ng    | -0.05      |
| System Monitoring Compounds |        |      |          |         |       |            |
| 5) 2-Fluorophenol           | 5.358  | 112  | 2635990  | 110.465 | ng    | -0.02      |
| 7) Phenol-d6                | 6.922  | 99   | 3344484  | 104.808 | ng    | -0.03      |
| 23) Nitrobenzene-d5         | 8.887  | 82   | 1951811  | 74.041  | ng    | -0.04      |
| 42) 2,4,6-Tribromophenol    | 15.893 | 330  | 1216755  | 112.904 | ng    | -0.02      |
| 45) 2-Fluorobiphenyl        | 12.987 | 172  | 4176698  | 71.984  | ng    | -0.03      |
| 79) Terphenyl-d14           | 19.922 | 244  | 6178706  | 73.710  | ng    | 0.00       |
| Target Compounds            |        |      |          |         |       |            |
| 63) Azobenzene              | 15.763 | 77   | 164578   | 2.929   | ng    | Qvalue # 1 |
| -----                       |        |      |          |         |       |            |

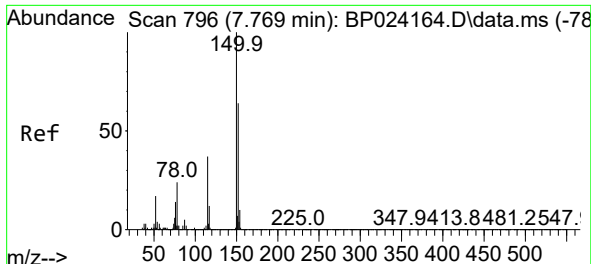
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040825\  
Data File : BP024224.D  
Acq On : 08 Apr 2025 22:33  
Operator : RC/JU  
Sample : Q1730-17  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
OU4-PCS-TC-26-040325

Quant Time: Apr 09 01:03:39 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 13 05:55:58 2025  
Response via : Initial Calibration

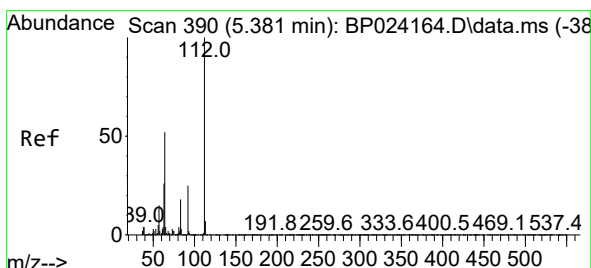
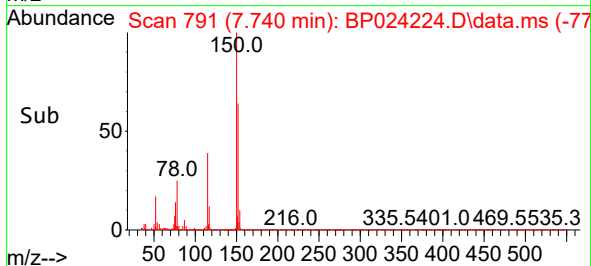
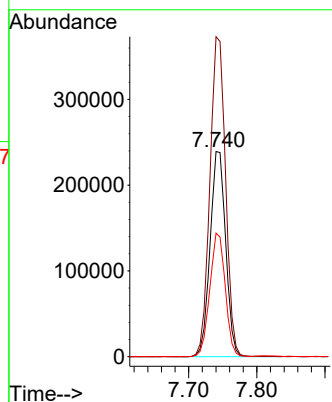
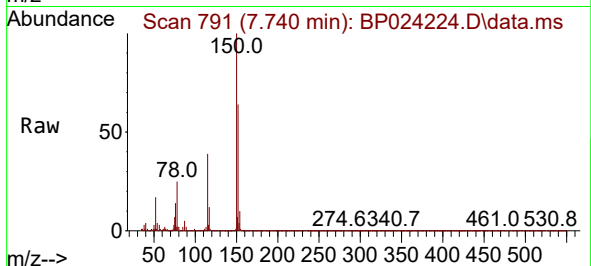




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 796  
Delta R.T. -0.029 min  
Lab File: BP024224.D  
Acq: 08 Apr 2025 22:33

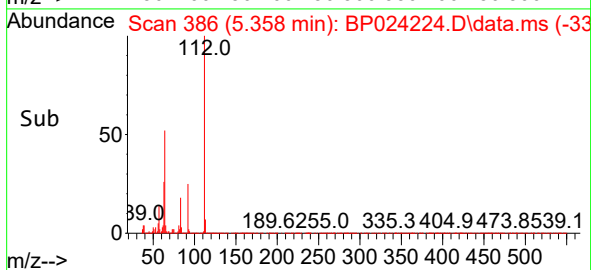
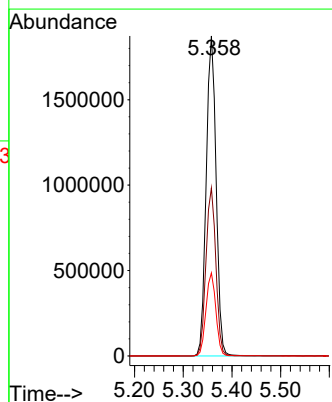
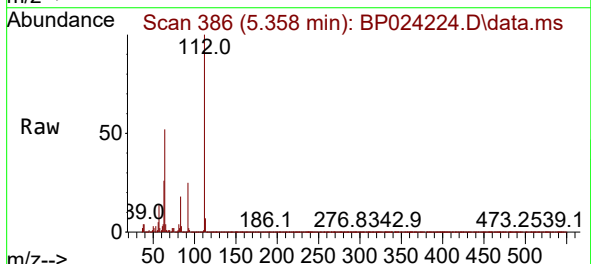
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-PCS-TC-26-040325

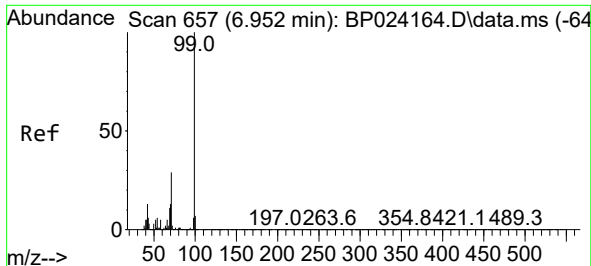
Tgt Ion:152 Resp: 380917  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.5 188.3  
115 60.2 46.3 69.5



#5  
2-Fluorophenol  
Concen: 110.465 ng  
RT: 5.358 min Scan# 386  
Delta R.T. -0.023 min  
Lab File: BP024224.D  
Acq: 08 Apr 2025 22:33

Tgt Ion:112 Resp: 2635990  
Ion Ratio Lower Upper  
112 100  
64 52.5 41.3 61.9  
63 25.9 20.6 31.0

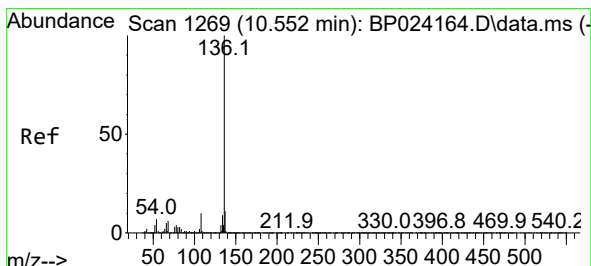
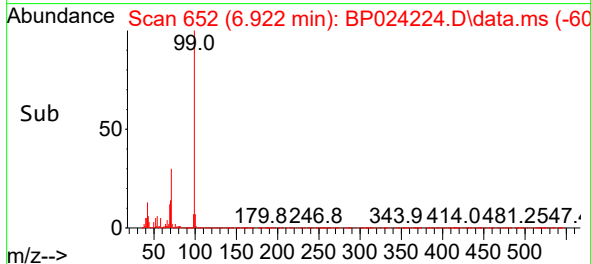
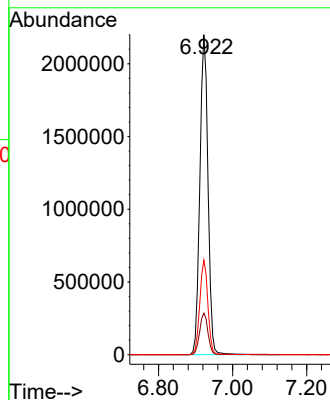
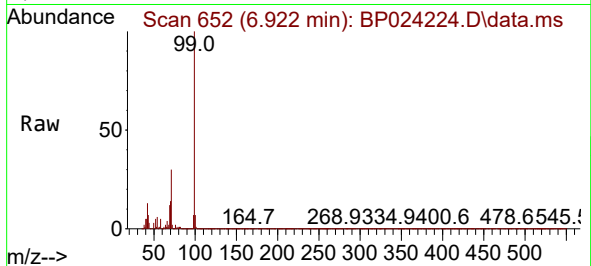




#7  
Phenol-d6  
Concen: 104.808 ng  
RT: 6.922 min Scan# 61  
Delta R.T. -0.029 min  
Lab File: BP024224.D  
Acq: 08 Apr 2025 22:33

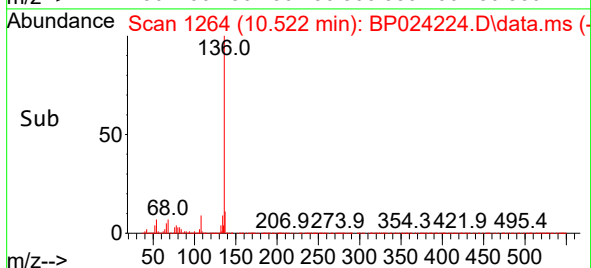
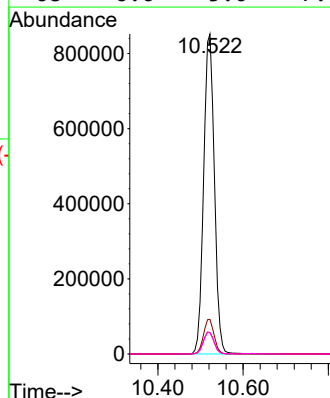
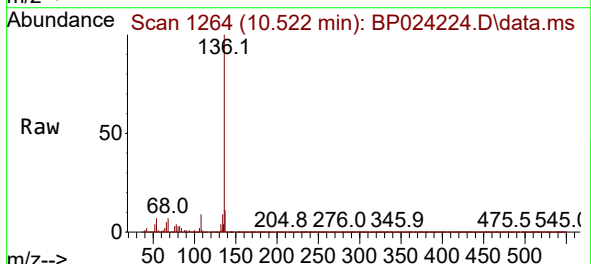
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-PCS-TC-26-040325

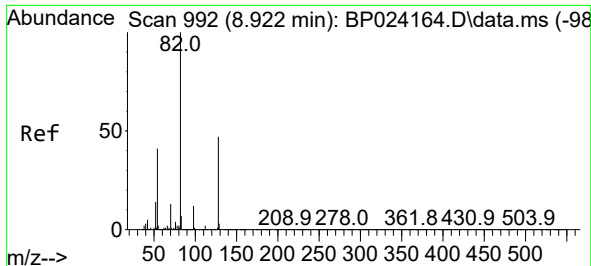
Tgt Ion: 99 Resp: 3344484  
Ion Ratio Lower Upper  
99 100  
42 13.0 10.6 16.0  
71 29.5 23.3 34.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.522 min Scan# 1264  
Delta R.T. -0.029 min  
Lab File: BP024224.D  
Acq: 08 Apr 2025 22:33

Tgt Ion:136 Resp: 1487334  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.4  
54 6.7 5.3 7.9  
68 6.6 5.0 7.4

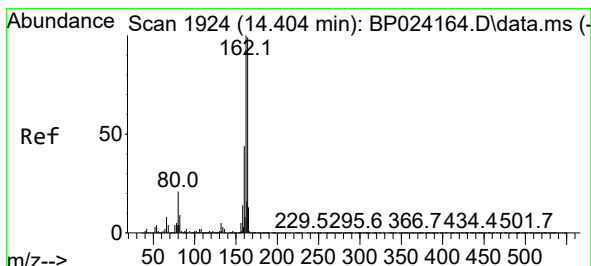
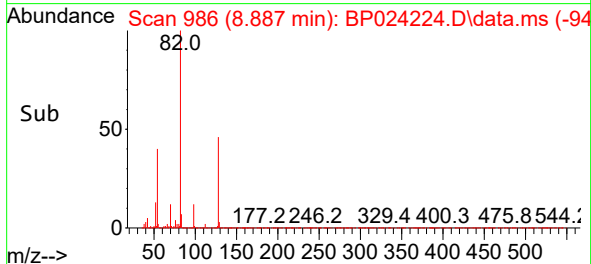
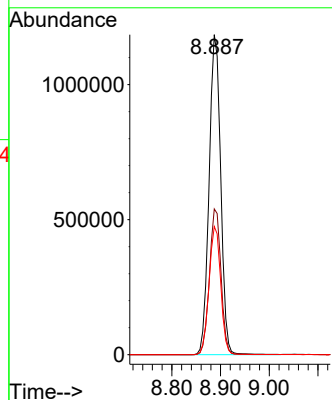
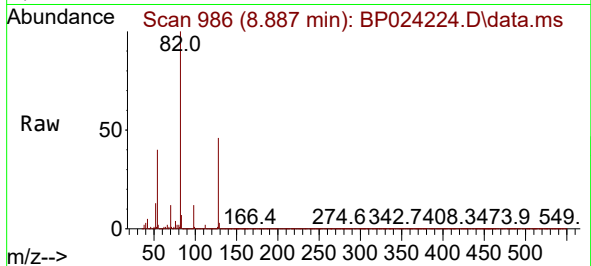




#23  
 Nitrobenzene-d5  
 Concen: 74.041 ng  
 RT: 8.887 min Scan# 91  
 Delta R.T. -0.035 min  
 Lab File: BP024224.D  
 Acq: 08 Apr 2025 22:33

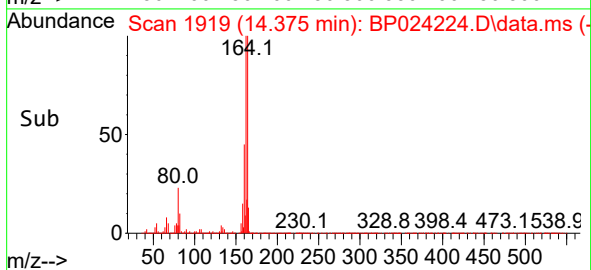
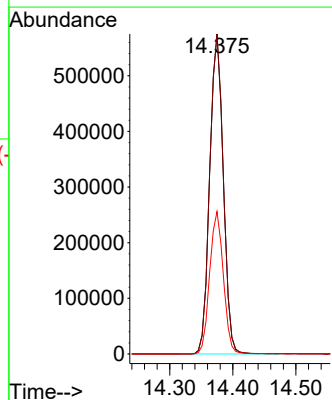
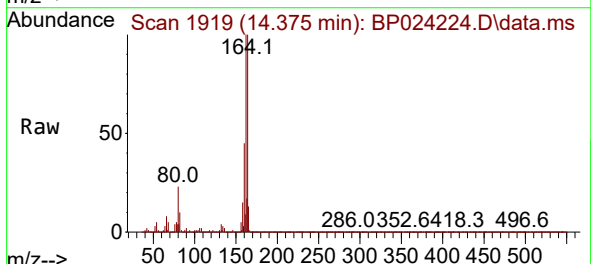
Instrument :  
 BNA\_P  
 ClientSampleId :  
 OU4-PCS-TC-26-040325

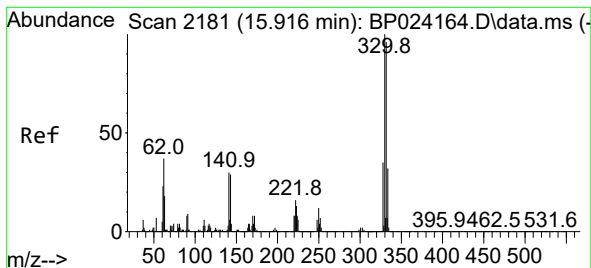
Tgt Ion: 82 Resp: 1951811  
 Ion Ratio Lower Upper  
 82 100  
 128 45.5 37.4 56.0  
 54 40.0 32.5 48.7



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.375 min Scan# 1919  
 Delta R.T. -0.029 min  
 Lab File: BP024224.D  
 Acq: 08 Apr 2025 22:33

Tgt Ion: 164 Resp: 855561  
 Ion Ratio Lower Upper  
 164 100  
 162 100.0 80.6 121.0  
 160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 112.904 ng

RT: 15.893 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

Instrument :

BNA\_P

ClientSampleId :

OU4-PCS-TC-26-040325

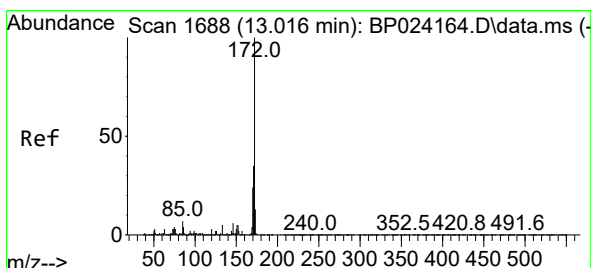
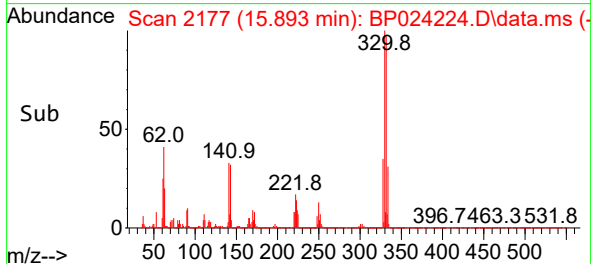
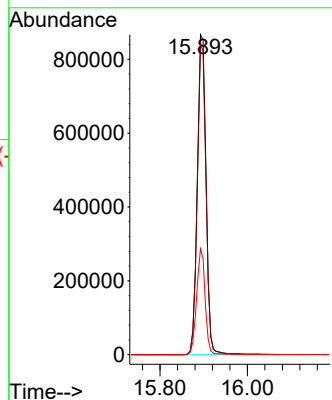
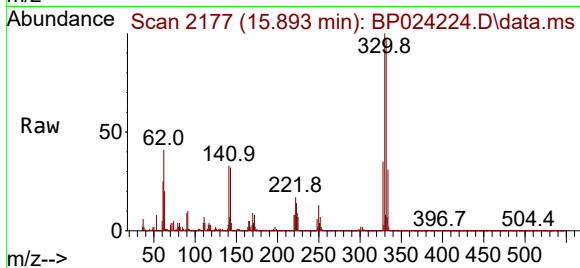
Tgt Ion:330 Resp: 1216755

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 32.1 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 71.984 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.029 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

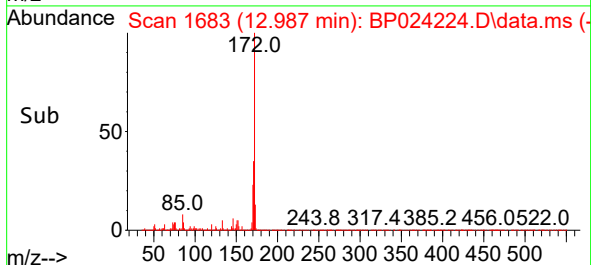
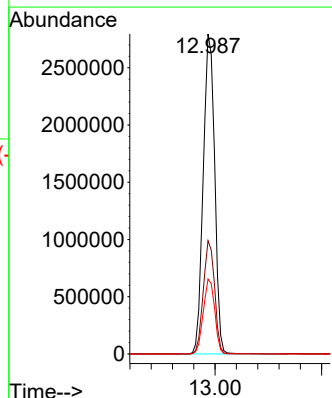
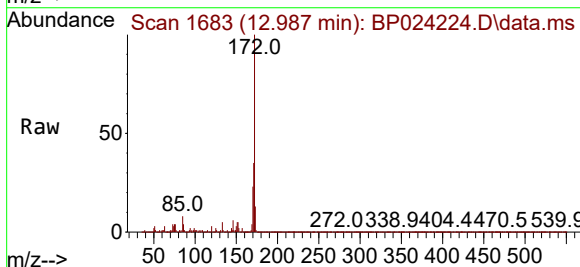
Tgt Ion:172 Resp: 4176698

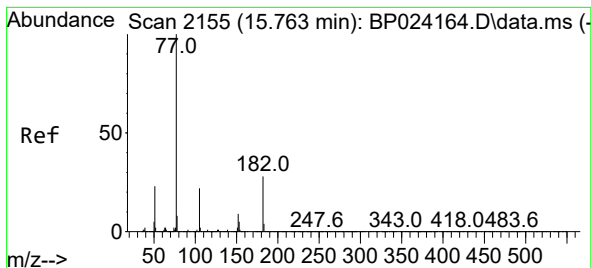
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 19.0 28.4





#63

Azobenzene

Concen: 2.929 ng

RT: 15.763 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

Instrument :

BNA\_P

ClientSampleId :

OU4-PCS-TC-26-040325

Tgt Ion: 77 Resp: 164578

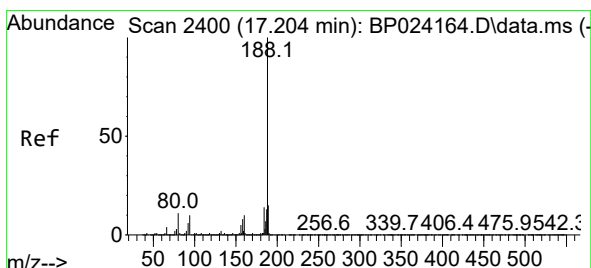
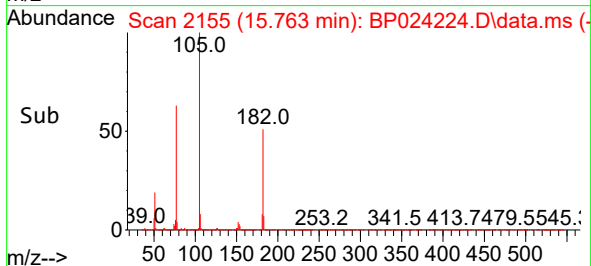
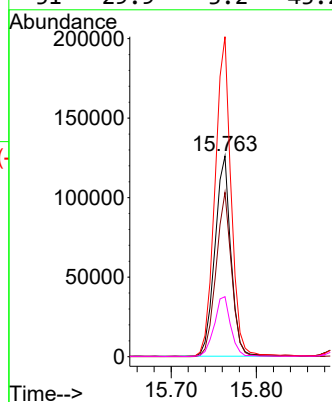
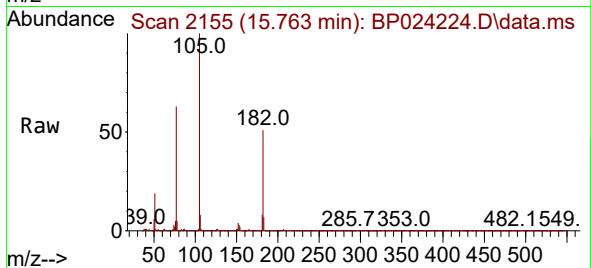
Ion Ratio Lower Upper

77 100

182 81.9 7.7 47.7#

105 159.5 2.3 42.3#

51 29.9 3.2 43.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.187 min Scan# 2397

Delta R.T. -0.018 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

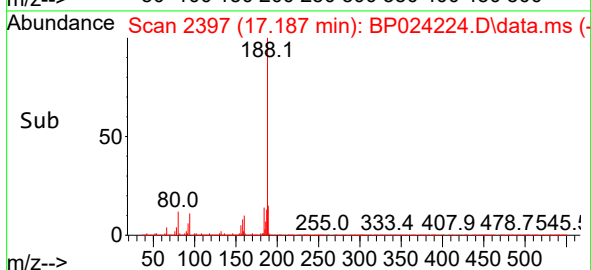
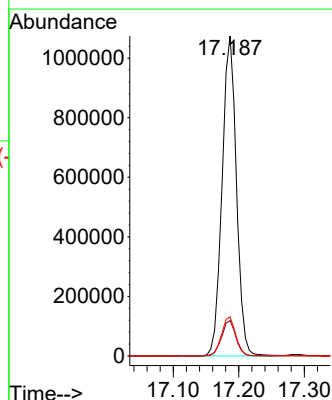
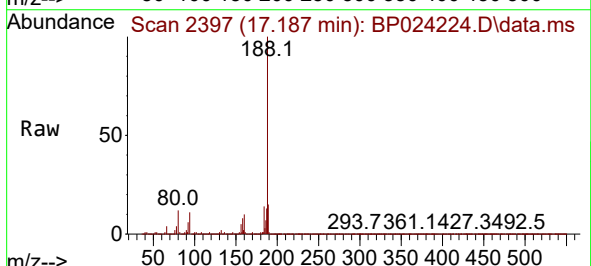
Tgt Ion: 188 Resp: 1625029

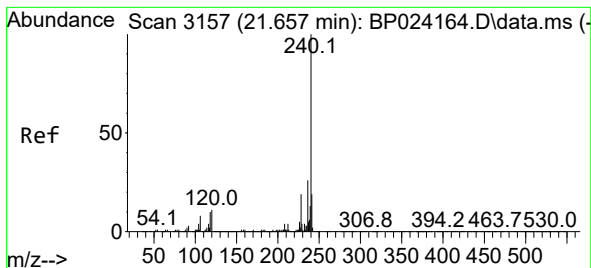
Ion Ratio Lower Upper

188 100

94 11.1 8.1 12.1

80 12.2 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3153

Delta R.T. -0.023 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

Instrument :

BNA\_P

ClientSampleId :

OU4-PCS-TC-26-040325

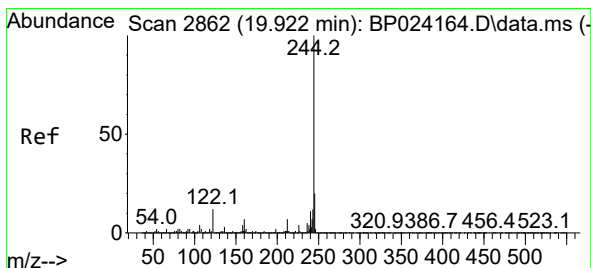
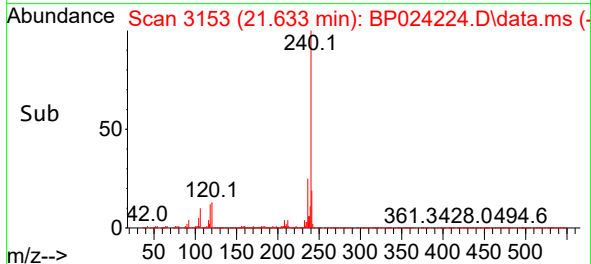
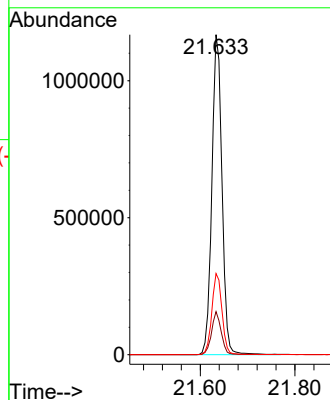
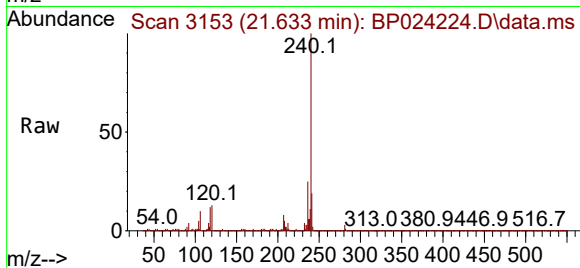
Tgt Ion:240 Resp: 1730314

Ion Ratio Lower Upper

240 100

120 13.5 9.2 13.8

236 25.4 20.4 30.6



#79

Terphenyl-d14

Concen: 73.710 ng

RT: 19.922 min Scan# 2862

Delta R.T. 0.000 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

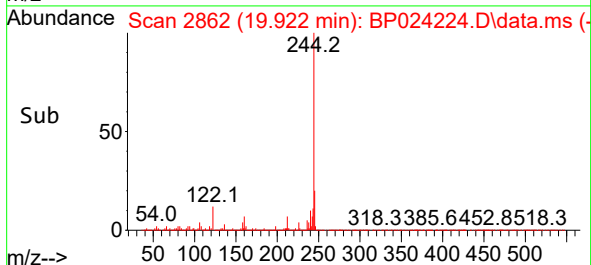
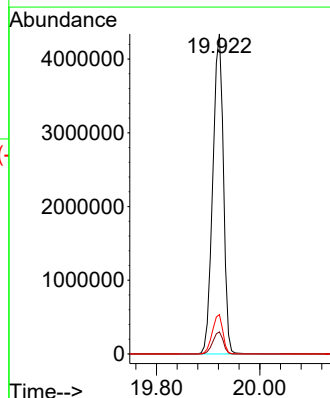
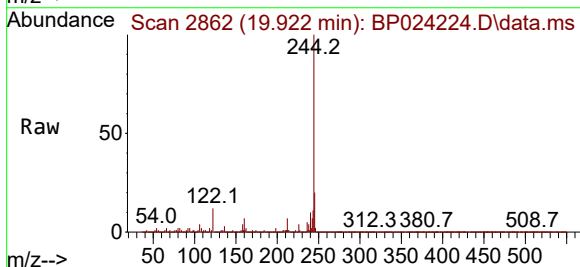
Tgt Ion:244 Resp: 6178706

Ion Ratio Lower Upper

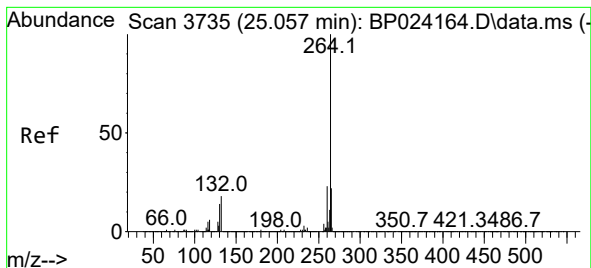
244 100

212 6.9 5.7 8.5

122 12.3 9.6 14.4







#86

Perylene-d12

Concen: 20.000 ng

RT: 25.010 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP024224.D

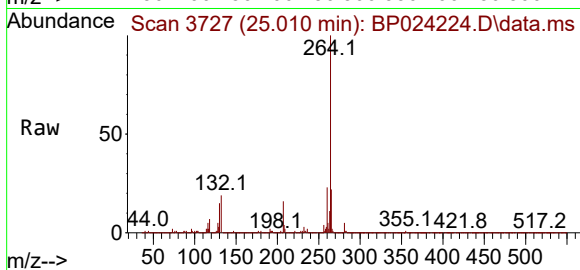
Acq: 08 Apr 2025 22:33

Instrument :

BNA\_P

ClientSampleId :

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Tgt Ion:264 Resp: 1816084

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.2 17.7 26.5

