

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052025\  
 Data File : BP024725.D  
 Acq On : 21 May 2025 04:10  
 Operator : RC/JU  
 Sample : Q1984-13RX  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OU4-TS-27-050725RX

Quant Time: May 21 05:23:08 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 13 16:21:39 2025  
 Response via : Initial Calibration

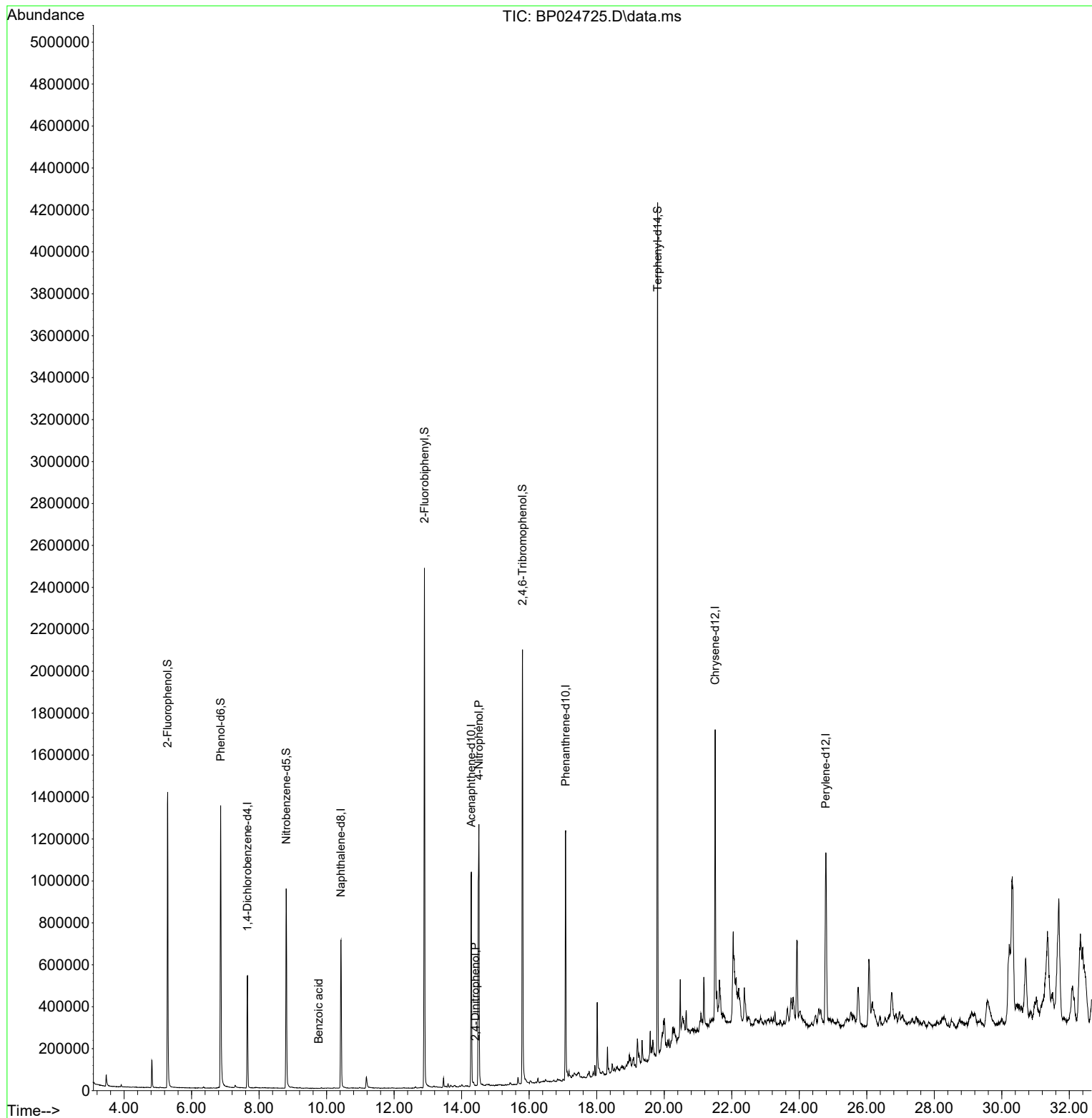
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.657  | 152  | 153158   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.422 | 136  | 636408   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.286 | 164  | 397224   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.080 | 188  | 726572   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.510 | 240  | 787708   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 24.786 | 264  | 957235   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.293  | 112  | 662189   | 73.949 | ng    | 0.00     |
| 7) Phenol-d6                | 6.863  | 99   | 858393   | 75.109 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 8.804  | 82   | 537349   | 42.662 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.804 | 330  | 533522   | 79.227 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.898 | 172  | 1269911  | 41.884 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.804 | 244  | 1849860  | 40.268 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 32) Benzoic acid            | 9.763  | 122  | 15       | 7.470  | ng    | # 1      |
| 54) 2,4-Dinitrophenol       | 14.404 | 184  | 21       | 6.406  | ng    | # 1      |
| 56) 4-Nitrophenol           | 14.510 | 139  | 2895     | 4.719  | ng    | # 1      |
| -----                       |        |      |          |        |       |          |

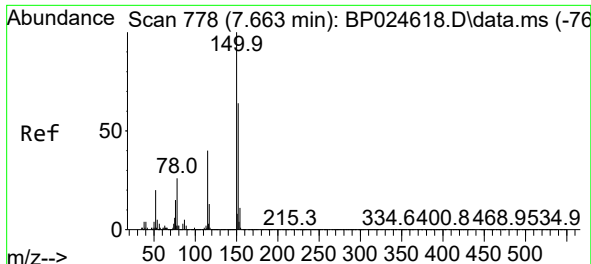
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052025\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 13 16:21:39 2025  
Response via : Initial Calibration

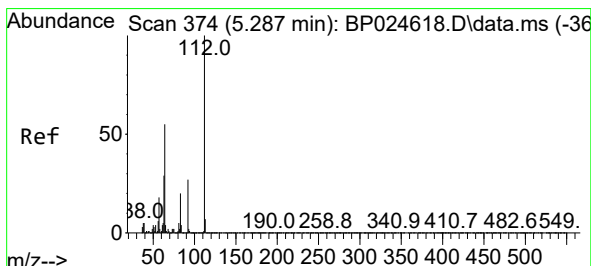
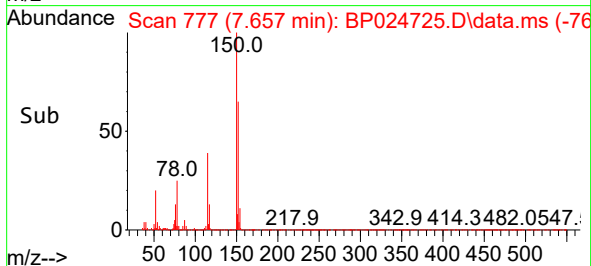
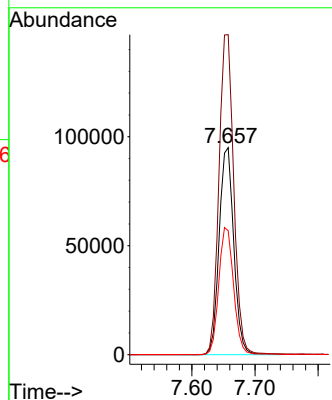
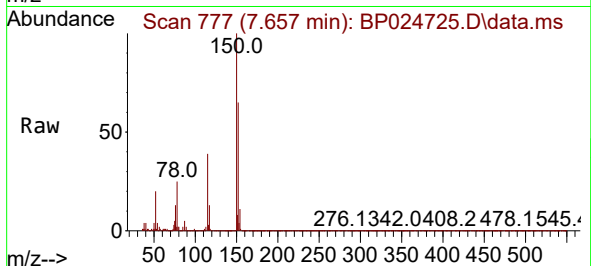




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.657 min Scan# 778  
Delta R.T. -0.006 min  
Lab File: BP024725.D  
Acq: 21 May 2025 04:10

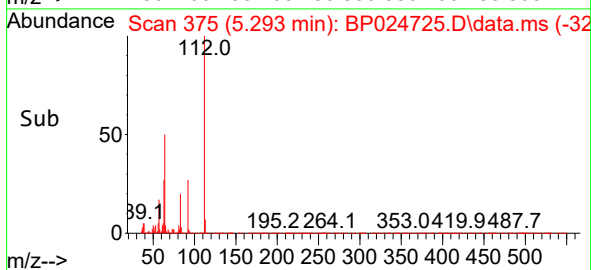
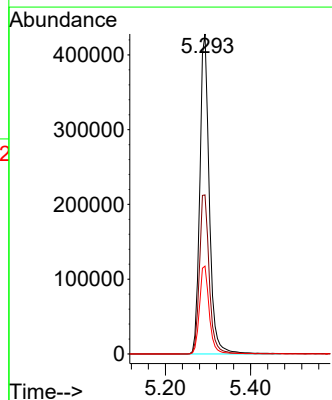
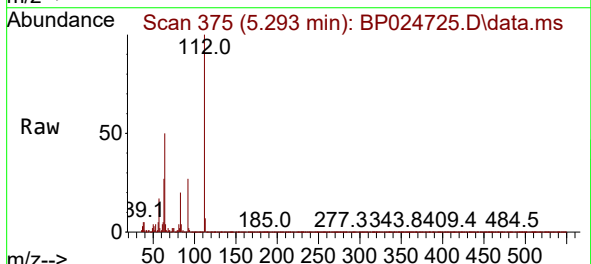
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-27-050725RX

Tgt Ion:152 Resp: 153158  
Ion Ratio Lower Upper  
152 100  
150 154.6 125.9 188.9  
115 59.9 50.1 75.1



#5  
2-Fluorophenol  
Concen: 73.949 ng  
RT: 5.293 min Scan# 375  
Delta R.T. 0.006 min  
Lab File: BP024725.D  
Acq: 21 May 2025 04:10

Tgt Ion:112 Resp: 662189  
Ion Ratio Lower Upper  
112 100  
64 49.7 44.1 66.1  
63 27.4 23.5 35.3

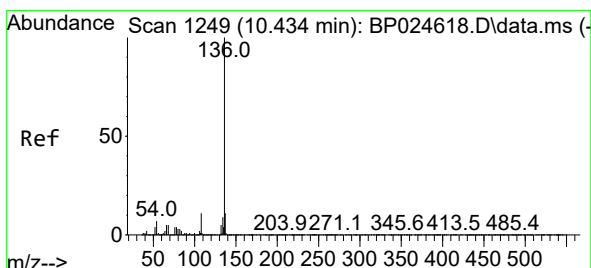
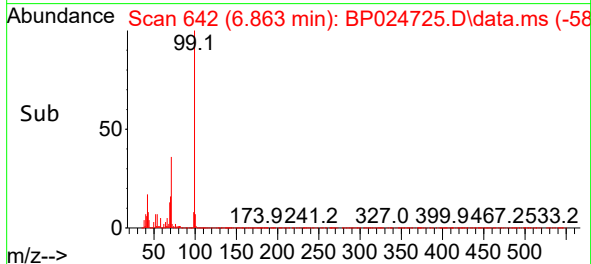
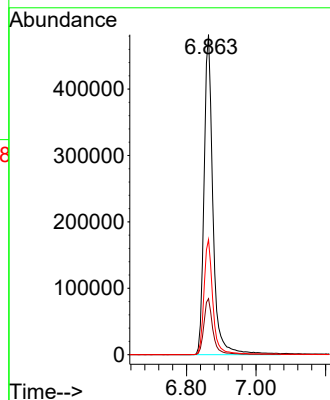
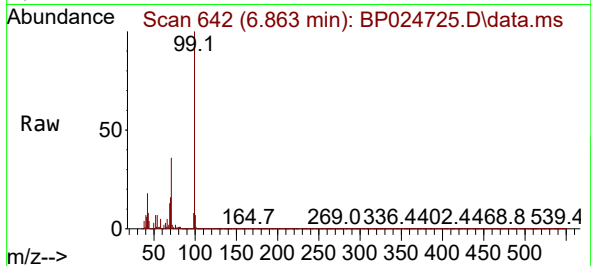




#7  
Phenol-d6  
Concen: 75.109 ng  
RT: 6.863 min Scan# 64  
Delta R.T. 0.012 min  
Lab File: BP024725.D  
Acq: 21 May 2025 04:10

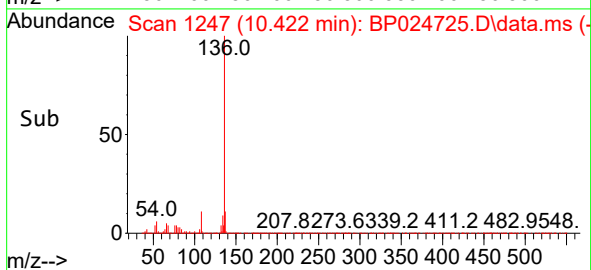
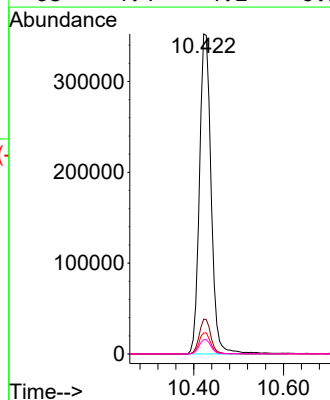
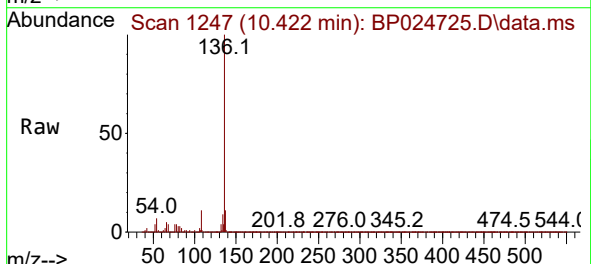
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-27-050725RX

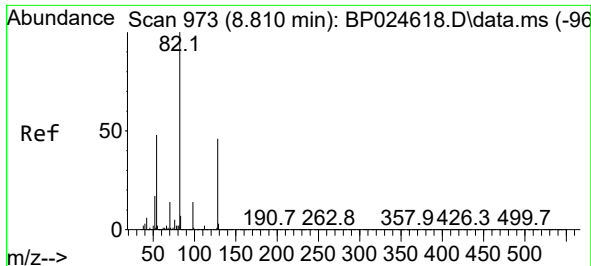
Tgt Ion: 99 Resp: 858393  
Ion Ratio Lower Upper  
99 100  
42 17.5 14.4 21.6  
71 36.0 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.422 min Scan# 1247  
Delta R.T. -0.012 min  
Lab File: BP024725.D  
Acq: 21 May 2025 04:10

Tgt Ion: 136 Resp: 636408  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 6.5 5.5 8.3  
68 4.4 4.2 6.2

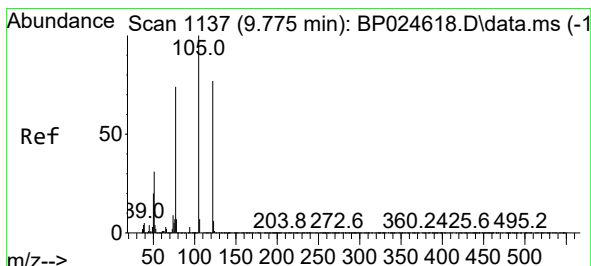
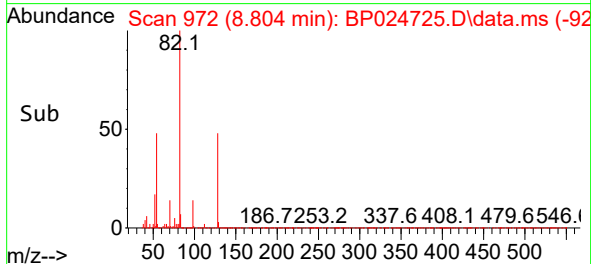
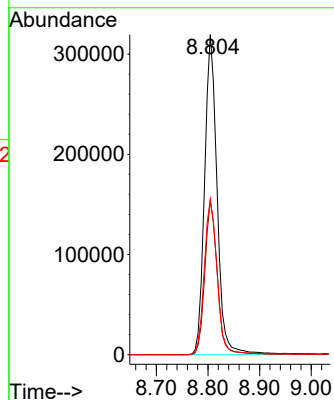
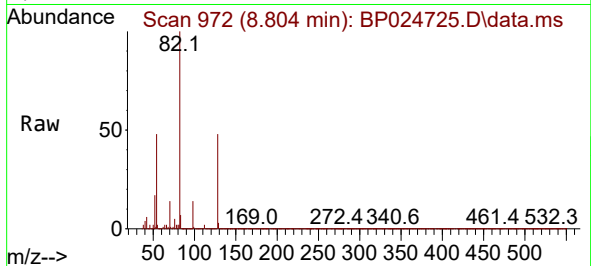




#23  
Nitrobenzene-d5  
Concen: 42.662 ng  
RT: 8.804 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024725.D  
Acq: 21 May 2025 04:10

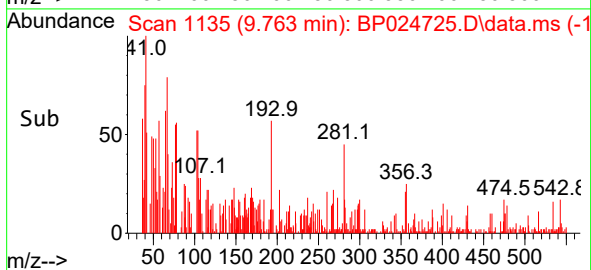
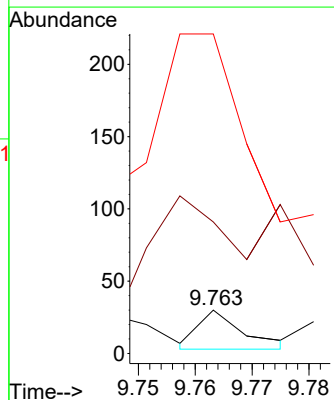
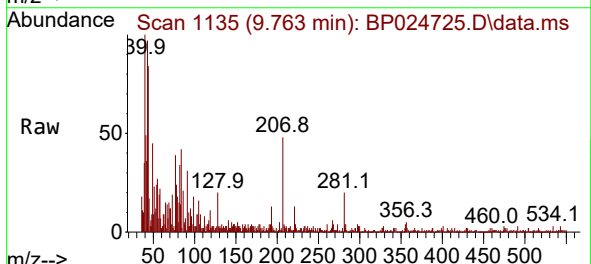
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-27-050725RX

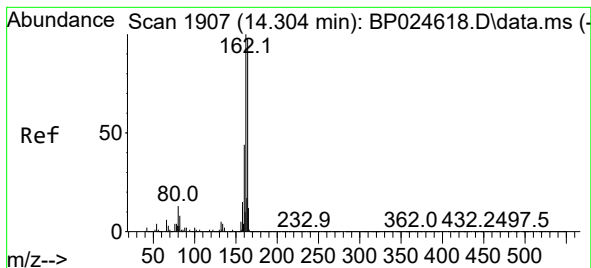
Tgt Ion: 82 Resp: 537349  
Ion Ratio Lower Upper  
82 100  
128 48.2 37.0 55.4  
54 48.5 38.7 58.1



#32  
Benzoic acid  
Concen: 7.470 ng  
RT: 9.763 min Scan# 1135  
Delta R.T. -0.012 min  
Lab File: BP024725.D  
Acq: 21 May 2025 04:10

Tgt Ion:122 Resp: 15  
Ion Ratio Lower Upper  
122 100  
105 303.3 106.9 146.9#  
77 736.7 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.286 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-27-050725RX

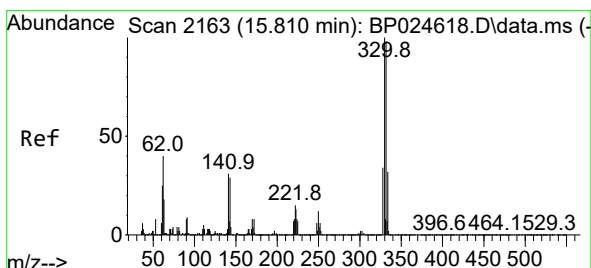
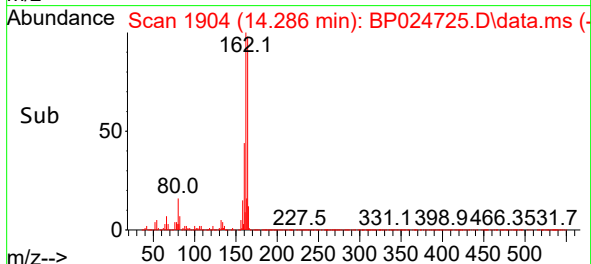
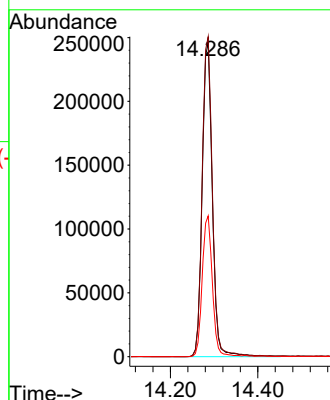
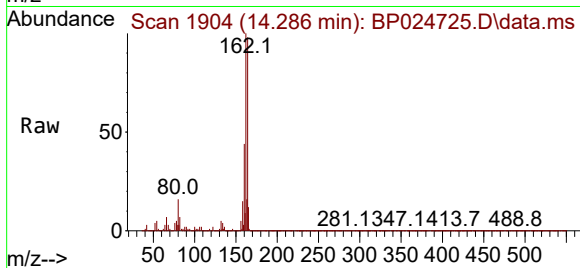
Tgt Ion:164 Resp: 397224

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 44.9 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 79.227 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

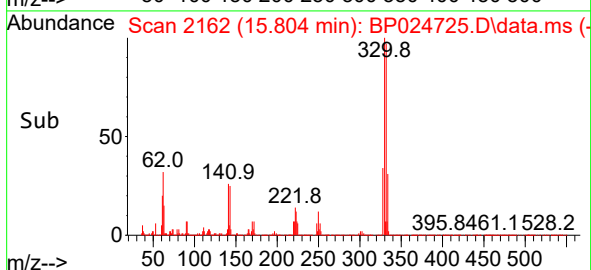
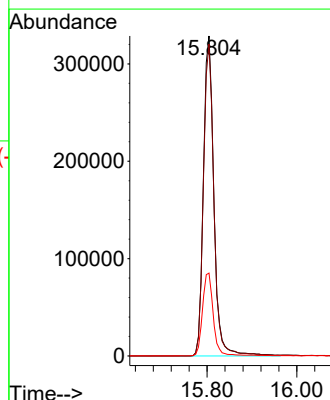
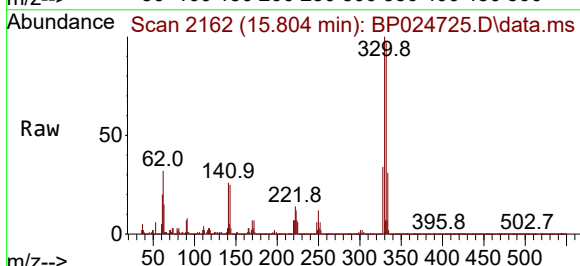
Tgt Ion:330 Resp: 533522

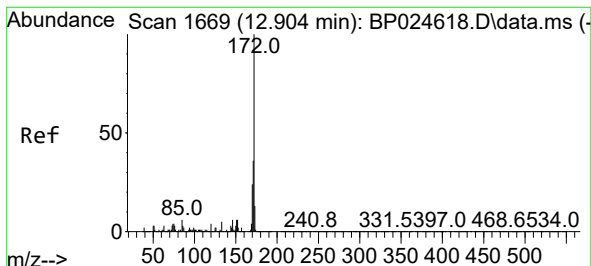
Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 26.4 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 41.884 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-27-050725RX

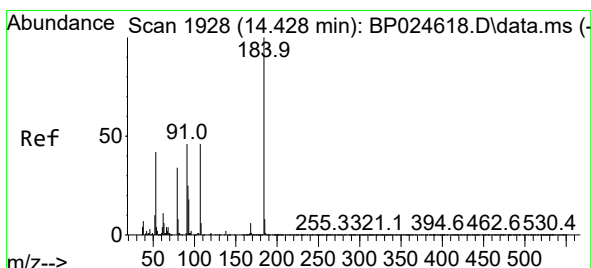
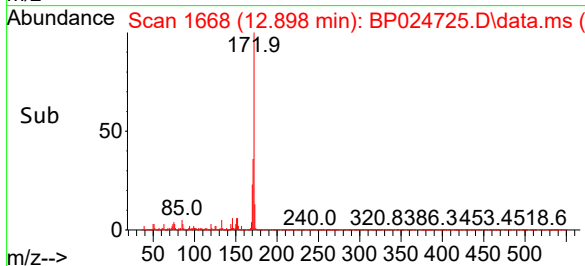
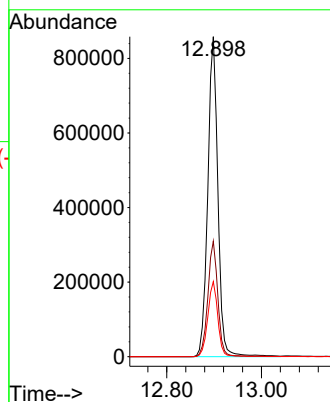
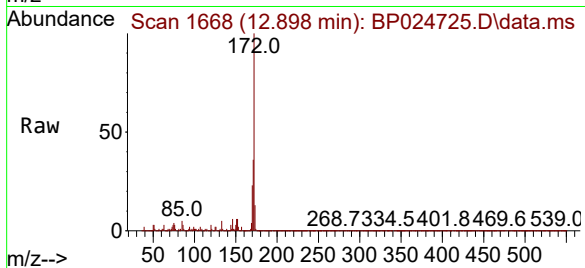
Tgt Ion:172 Resp: 1269911

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.5 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.406 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.024 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

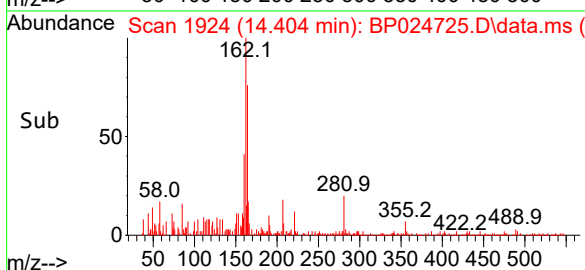
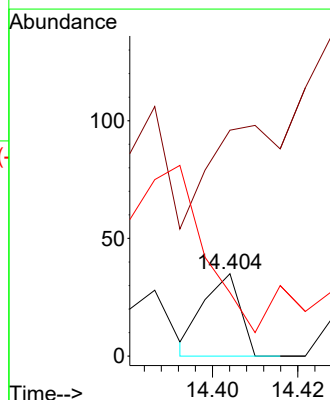
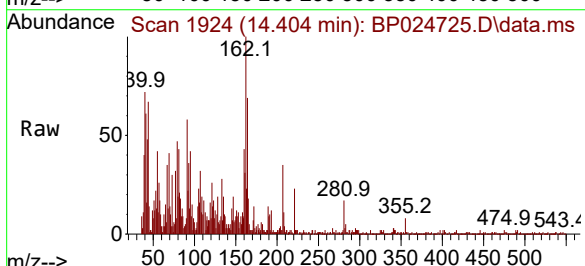
Tgt Ion:184 Resp: 21

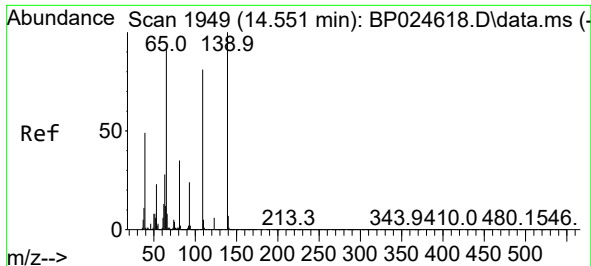
Ion Ratio Lower Upper

184 100

63 274.3 51.3 76.9#

154 77.1 53.5 80.3

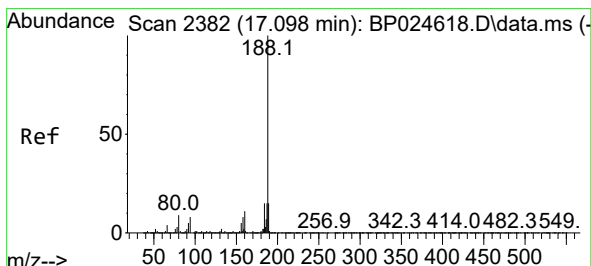
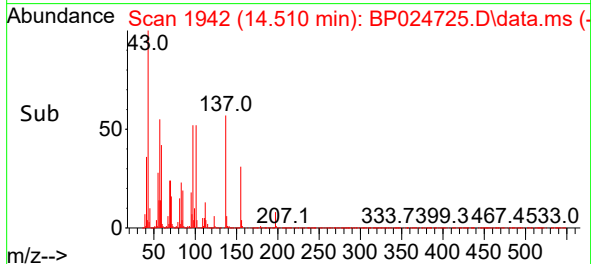
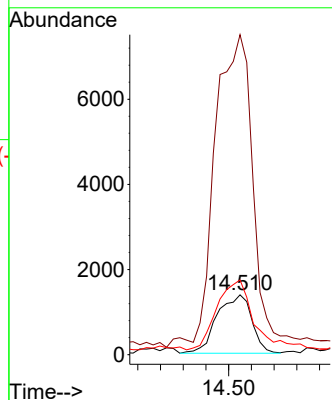
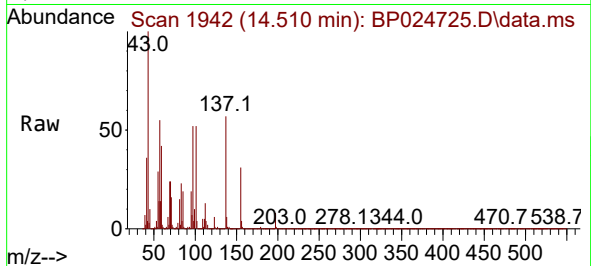




#56  
4-Nitrophenol  
Concen: 4.719 ng  
RT: 14.510 min Scan# 1942  
Delta R.T. -0.041 min  
Lab File: BP024725.D  
Acq: 21 May 2025 04:10

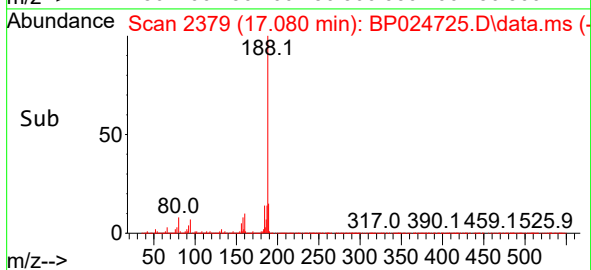
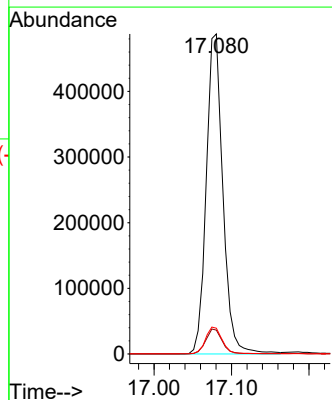
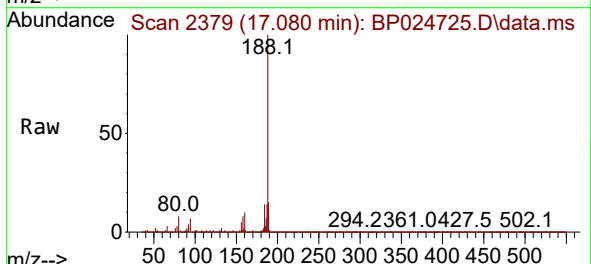
Instrument :  
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OU4-TS-27-050725RX

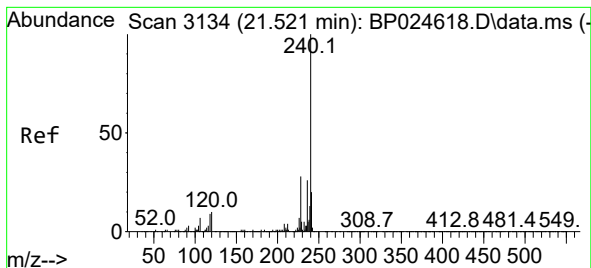
Tgt Ion:139 Resp: 2895  
Ion Ratio Lower Upper  
139 100  
109 534.3 61.4 101.4#  
65 124.7 72.2 112.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.080 min Scan# 2379  
Delta R.T. -0.018 min  
Lab File: BP024725.D  
Acq: 21 May 2025 04:10

Tgt Ion:188 Resp: 726572  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.5 9.7  
80 8.0 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-27-050725RX

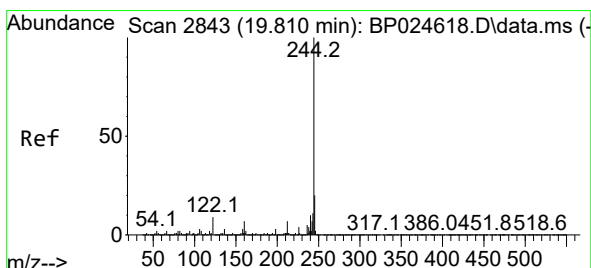
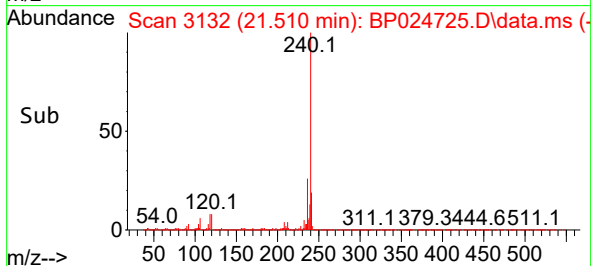
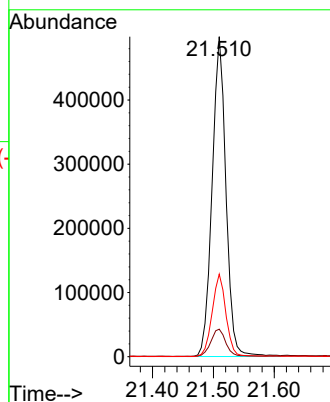
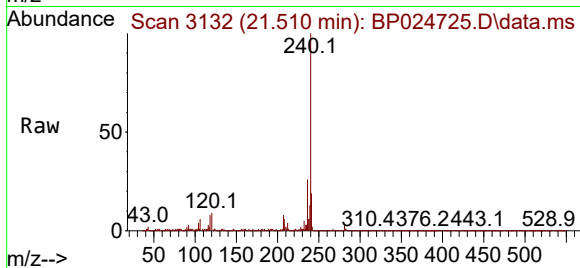
Tgt Ion:240 Resp: 787708

Ion Ratio Lower Upper

240 100

120 8.6 7.8 11.6

236 25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 40.268 ng

RT: 19.804 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

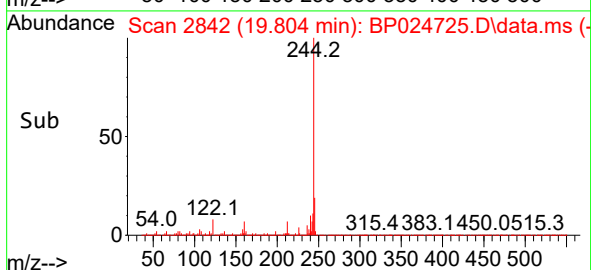
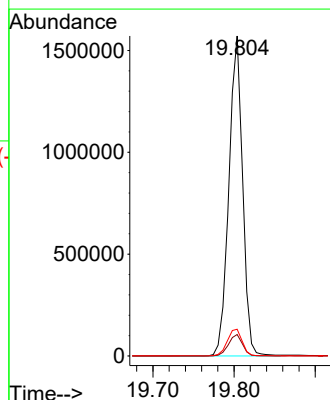
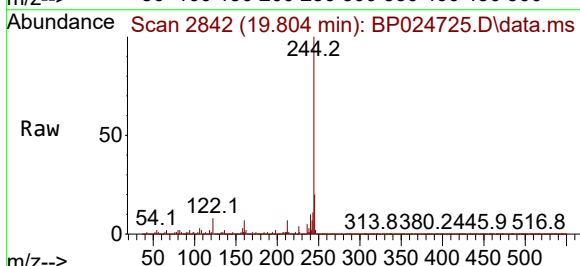
Tgt Ion:244 Resp: 1849860

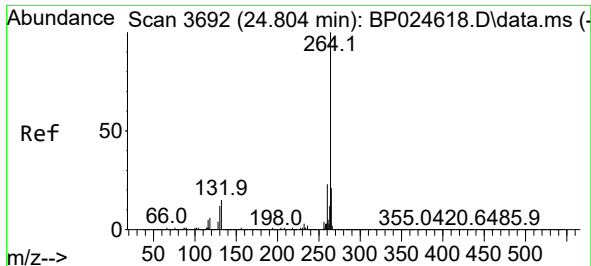
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.4 7.4 11.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.786 min Scan# 30  
 Delta R.T. -0.018 min  
 Lab File: BP024725.D  
 Acq: 21 May 2025 04:10

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OU4-TS-27-050725RX

Tgt Ion:264 Resp: 957235  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.7 28.1  
 265 22.4 17.0 25.6

