

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051625\  
 Data File : BP024682.D  
 Acq On : 17 May 2025 08:42  
 Operator : RC/JU  
 Sample : Q2020-04  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-A

Quant Time: May 19 01:08:37 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

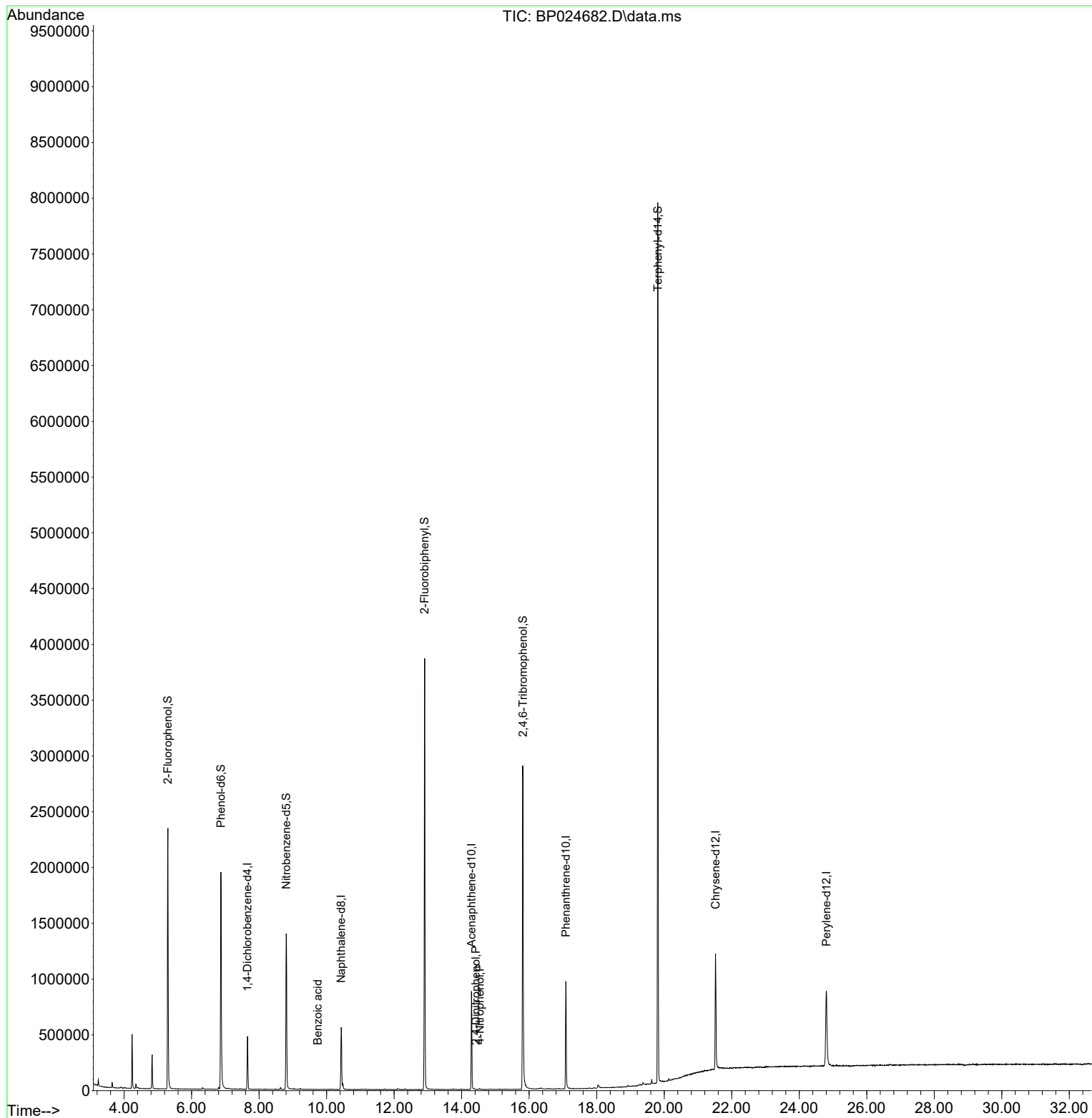
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.657  | 152  | 127647   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.433 | 136  | 503151   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.292 | 164  | 297444   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.086 | 188  | 586732   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.521 | 240  | 701937   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.803 | 264  | 702010   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.298  | 112  | 1066795  | 142.942 | ng    | 0.01     |
| 7) Phenol-d6                | 6.869  | 99   | 1235775  | 129.740 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 8.804  | 82   | 827880   | 83.136  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.816 | 330  | 764830   | 151.676 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.904 | 172  | 1969470  | 86.747  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.809 | 244  | 3700167  | 90.388  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid            | 9.734  | 122  | 21       | 7.472   | ng    | # 1      |
| 54) 2,4-Dinitrophenol       | 14.422 | 184  | 22       | 6.408   | ng    | # 1      |
| 56) 4-Nitrophenol           | 14.539 | 139  | 49       | 4.245   | ng    | # 1      |
| -----                       |        |      |          |         |       |          |

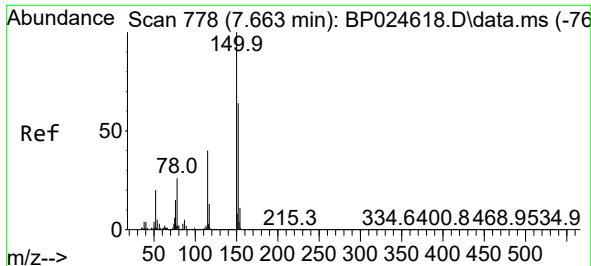
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051625\  
Data File : BP024682.D  
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Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_P  
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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  
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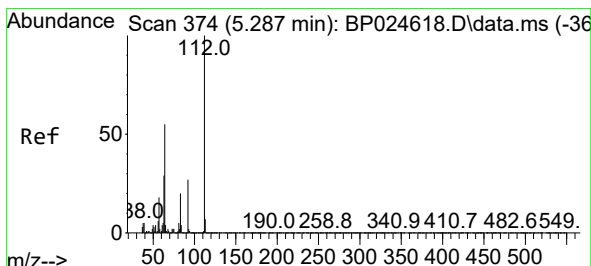
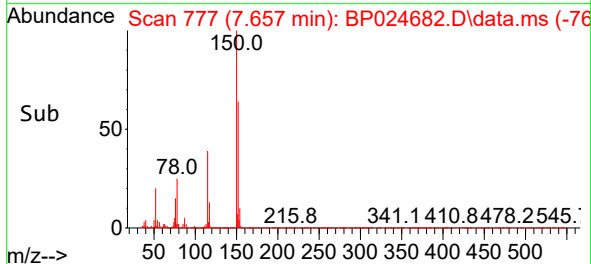
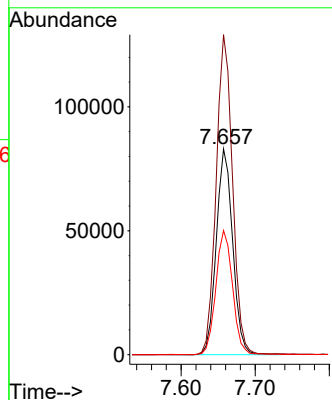
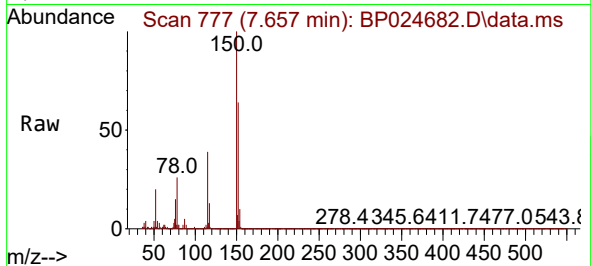




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.657 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP024682.D  
Acq: 17 May 2025 08:42

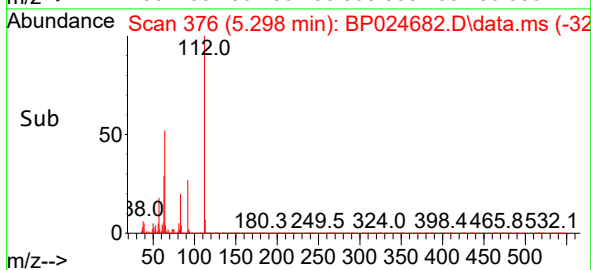
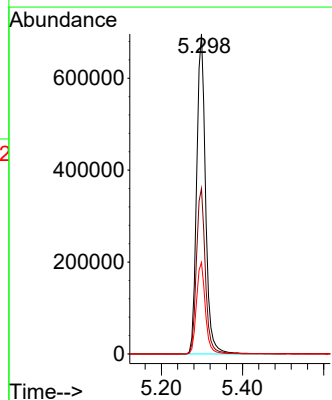
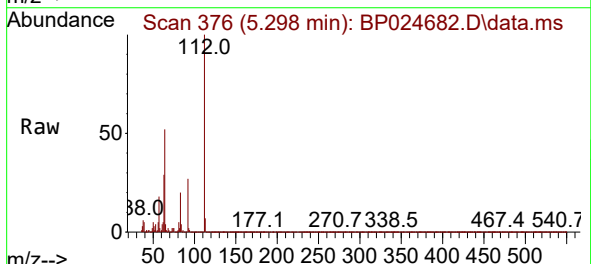
Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion:152 Resp: 127647  
Ion Ratio Lower Upper  
152 100  
150 155.5 125.9 188.9  
115 60.4 50.1 75.1



#5  
2-Fluorophenol  
Concen: 142.942 ng  
RT: 5.298 min Scan# 376  
Delta R.T. 0.011 min  
Lab File: BP024682.D  
Acq: 17 May 2025 08:42

Tgt Ion:112 Resp: 1066795  
Ion Ratio Lower Upper  
112 100  
64 51.7 44.1 66.1  
63 28.6 23.5 35.3

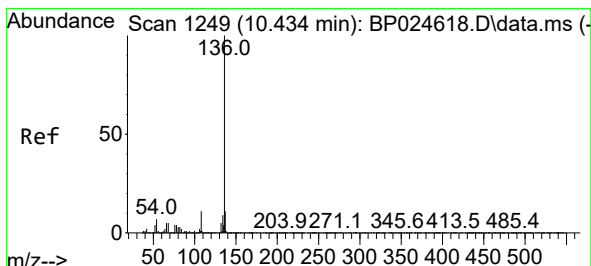
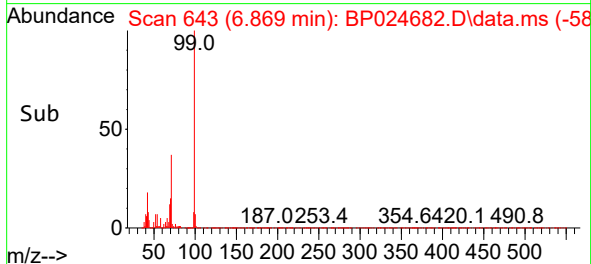
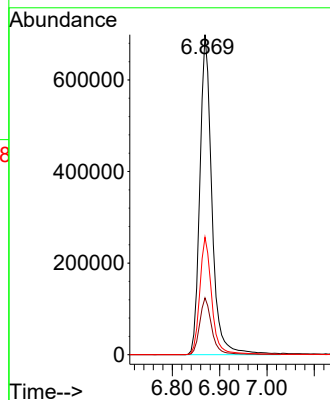
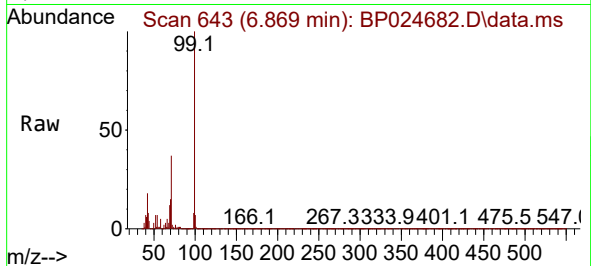




#7  
Phenol-d6  
Concen: 129.740 ng  
RT: 6.869 min Scan# 64  
Delta R.T. 0.017 min  
Lab File: BP024682.D  
Acq: 17 May 2025 08:42

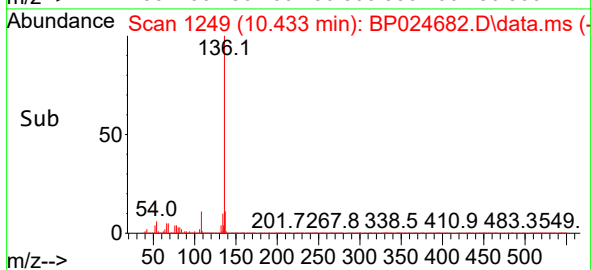
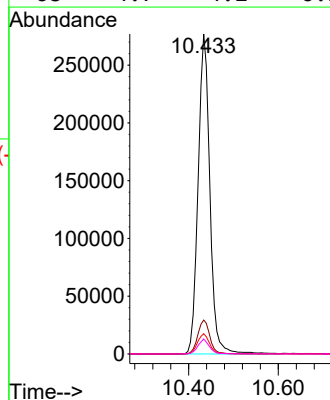
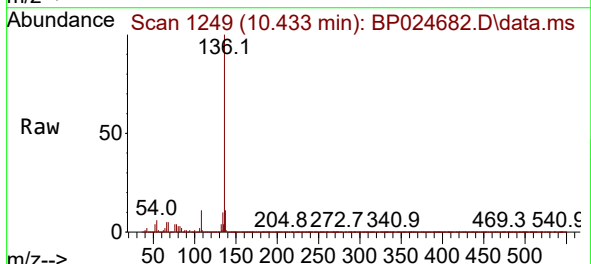
Instrument :  
BNA\_P  
ClientSampleId :  
TP-A

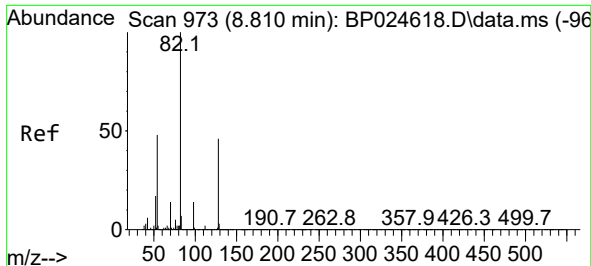
Tgt Ion: 99 Resp: 1235775  
Ion Ratio Lower Upper  
99 100  
42 17.7 14.4 21.6  
71 36.7 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.433 min Scan# 1249  
Delta R.T. -0.001 min  
Lab File: BP024682.D  
Acq: 17 May 2025 08:42

Tgt Ion: 136 Resp: 503151  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.8 13.2  
54 6.3 5.5 8.3  
68 4.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 83.136 ng

RT: 8.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024682.D

Acq: 17 May 2025 08:42

Instrument :

BNA\_P

ClientSampleId :

TP-A

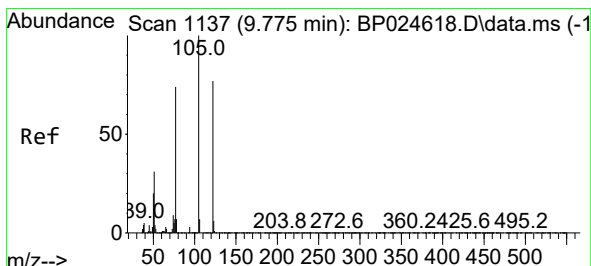
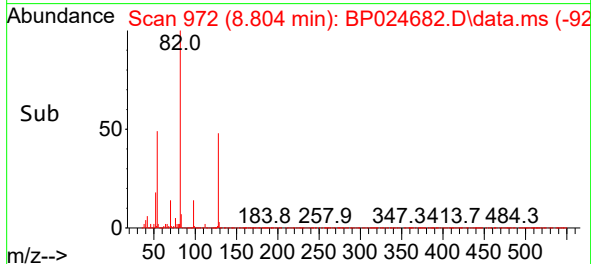
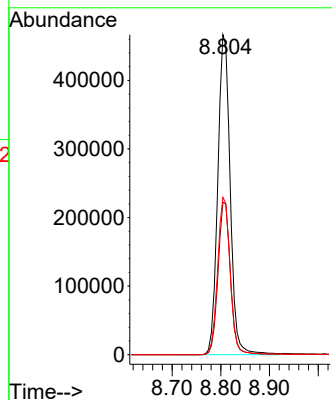
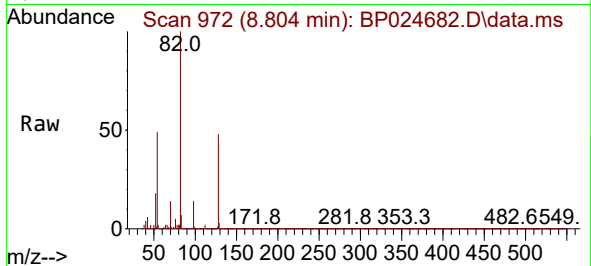
Tgt Ion: 82 Resp: 827880

Ion Ratio Lower Upper

82 100

128 47.7 37.0 55.4

54 49.1 38.7 58.1



#32

Benzoic acid

Concen: 7.472 ng

RT: 9.734 min Scan# 1130

Delta R.T. -0.041 min

Lab File: BP024682.D

Acq: 17 May 2025 08:42

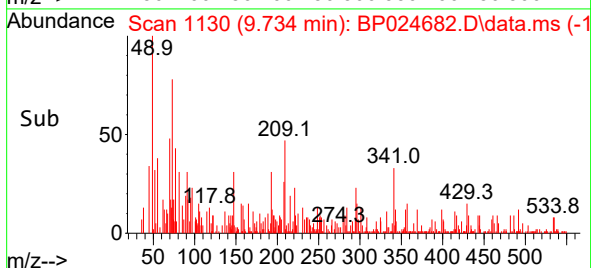
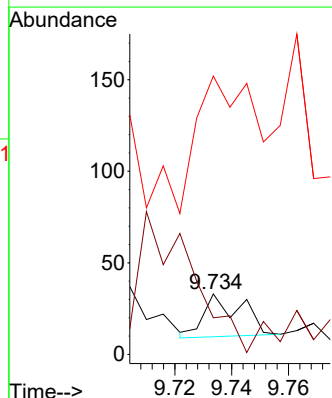
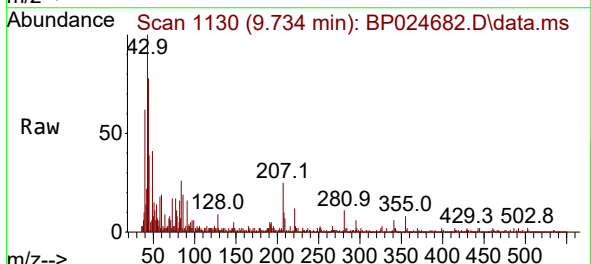
Tgt Ion:122 Resp: 21

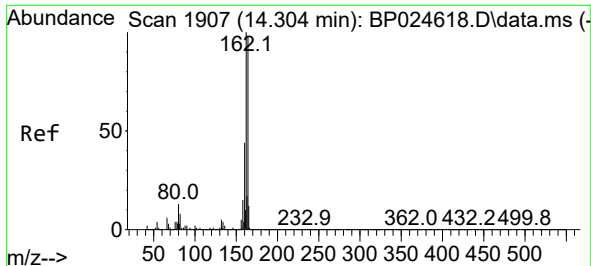
Ion Ratio Lower Upper

122 100

105 60.6 106.9 146.9#

77 460.6 75.1 115.1#

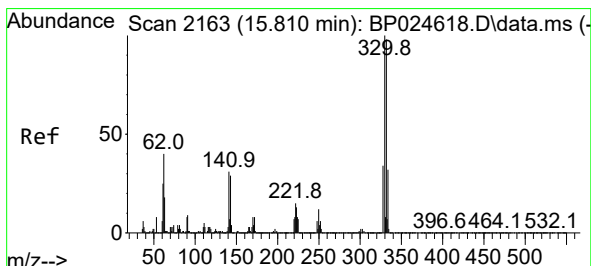
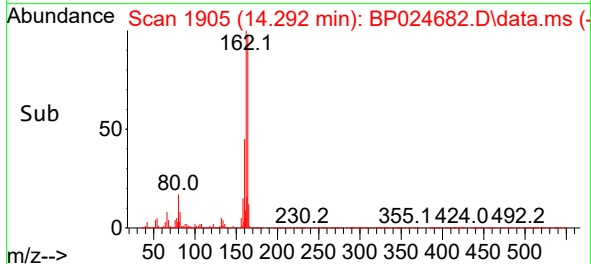
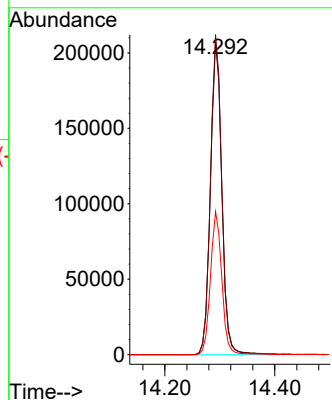
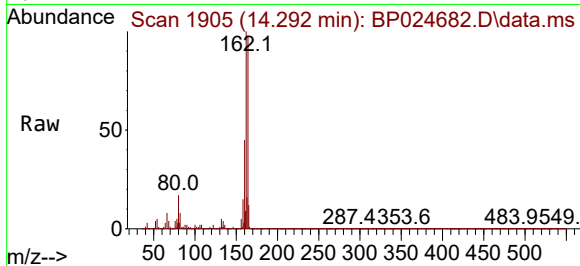




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.292 min Scan# 1905  
Delta R.T. -0.012 min  
Lab File: BP024682.D  
Acq: 17 May 2025 08:42

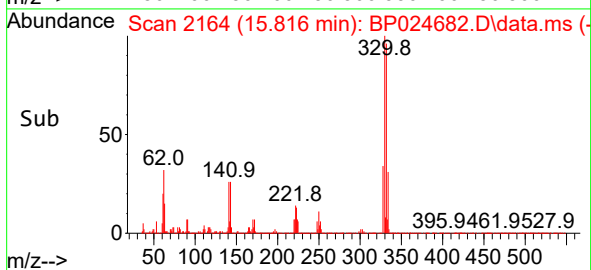
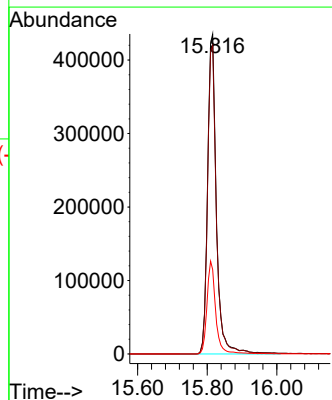
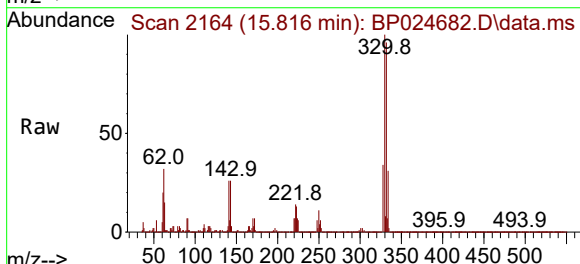
Instrument :  
BNA\_P  
ClientSampleId :  
TP-A

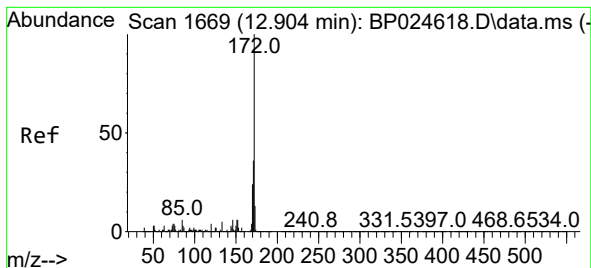
Tgt Ion:164 Resp: 297444  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.8 122.6  
160 45.8 36.3 54.5



#42  
2,4,6-Tribromophenol  
Concen: 151.676 ng  
RT: 15.816 min Scan# 2164  
Delta R.T. 0.006 min  
Lab File: BP024682.D  
Acq: 17 May 2025 08:42

Tgt Ion:330 Resp: 764830  
Ion Ratio Lower Upper  
330 100  
332 96.5 78.2 117.4  
141 28.9 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 86.747 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024682.D

Acq: 17 May 2025 08:42

Instrument :

BNA\_P

ClientSampleId :

TP-A

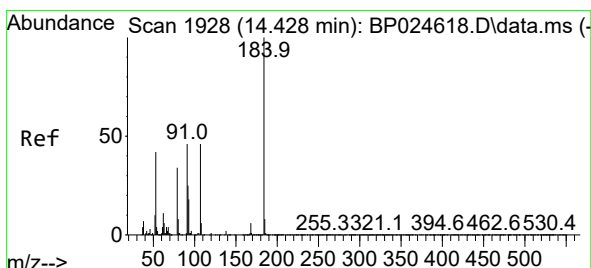
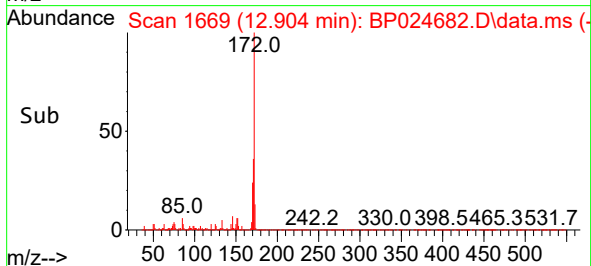
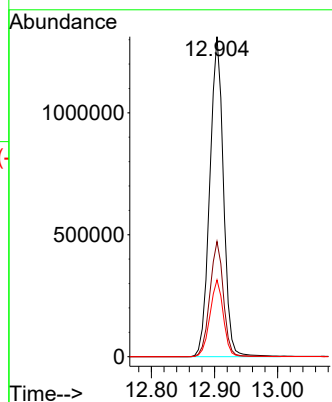
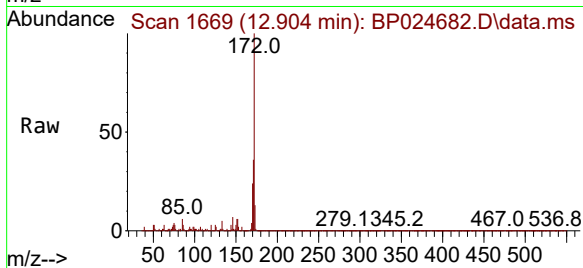
Tgt Ion:172 Resp: 1969470

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.0 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.408 ng

RT: 14.422 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BP024682.D

Acq: 17 May 2025 08:42

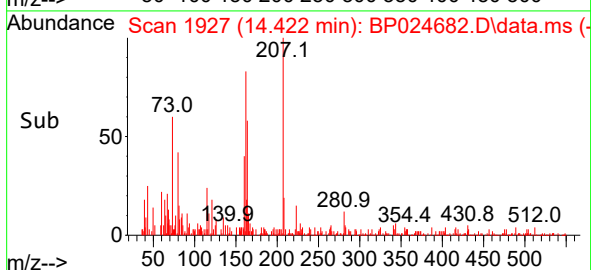
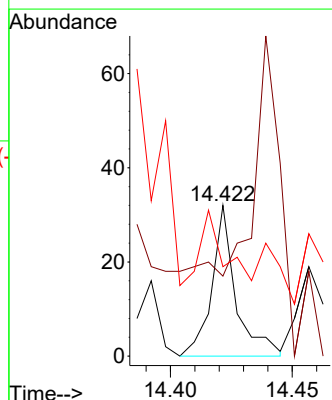
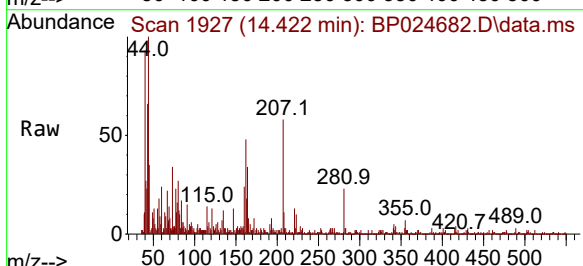
Tgt Ion:184 Resp: 22

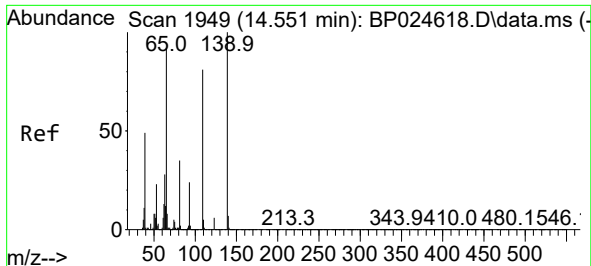
Ion Ratio Lower Upper

184 100

63 303.1 51.3 76.9#

154 59.4 53.5 80.3

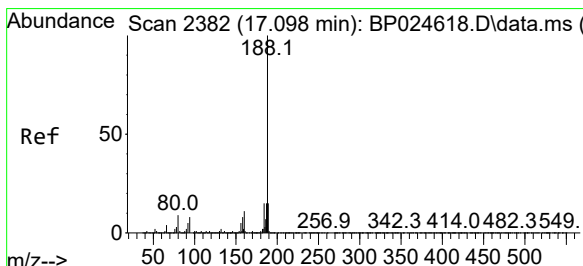
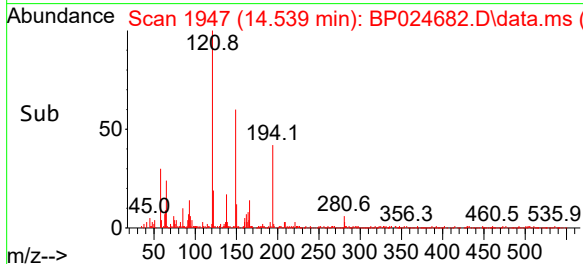
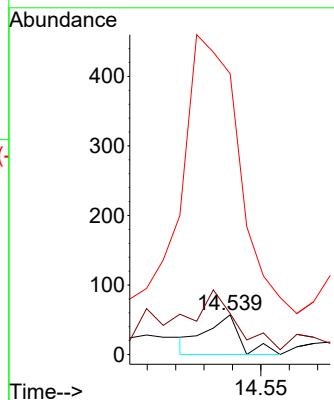
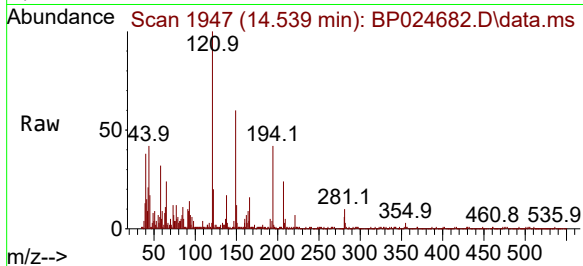




#56  
4-Nitrophenol  
Concen: 4.245 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.012 min  
Lab File: BP024682.D  
Acq: 17 May 2025 08:42

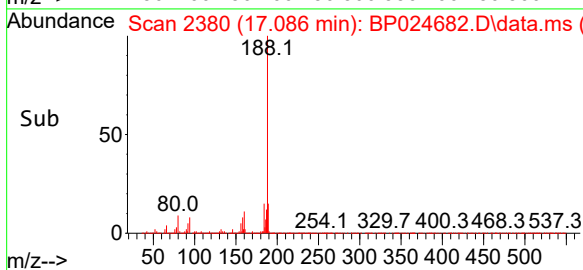
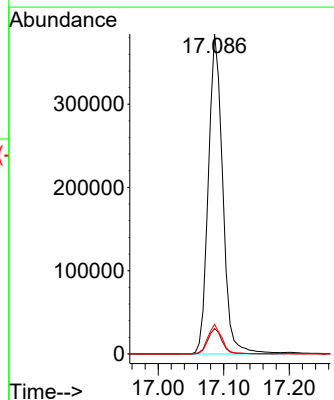
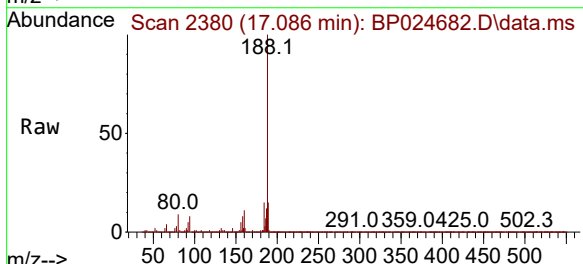
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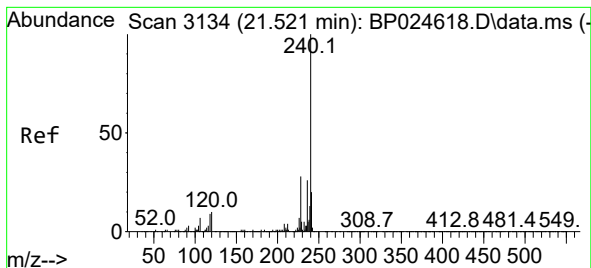
Tgt Ion:139 Resp: 49  
Ion Ratio Lower Upper  
139 100  
109 131.6 61.4 101.4#  
65 708.8 72.2 112.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.086 min Scan# 2380  
Delta R.T. -0.012 min  
Lab File: BP024682.D  
Acq: 17 May 2025 08:42

Tgt Ion:188 Resp: 586732  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.5 9.7  
80 9.3 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024682.D

Acq: 17 May 2025 08:42

Instrument :

BNA\_P

ClientSampleId :

TP-A

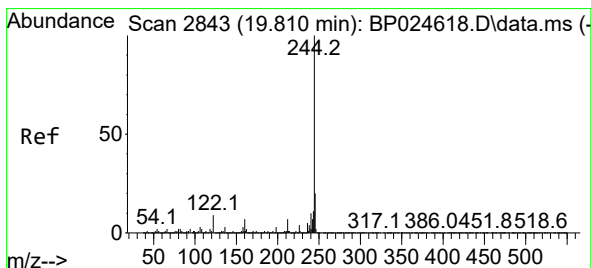
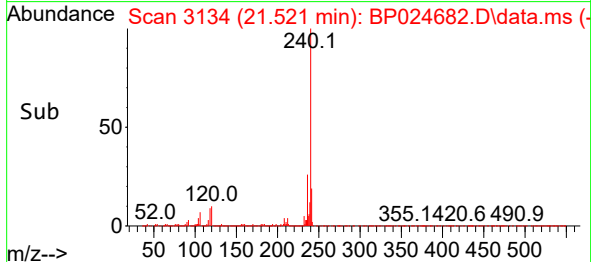
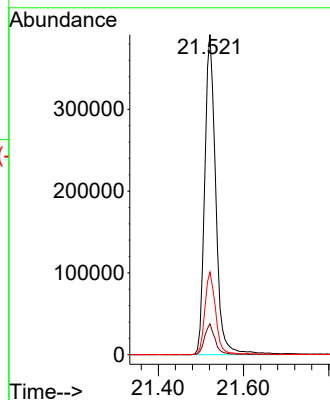
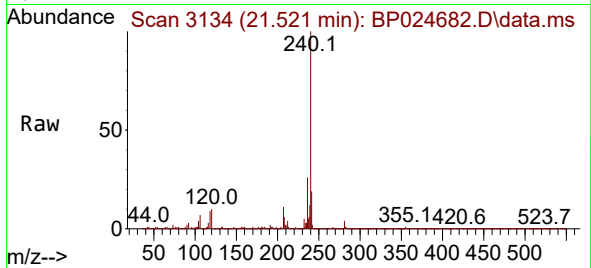
Tgt Ion:240 Resp: 701937

Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 90.388 ng

RT: 19.809 min Scan# 2843

Delta R.T. -0.000 min

Lab File: BP024682.D

Acq: 17 May 2025 08:42

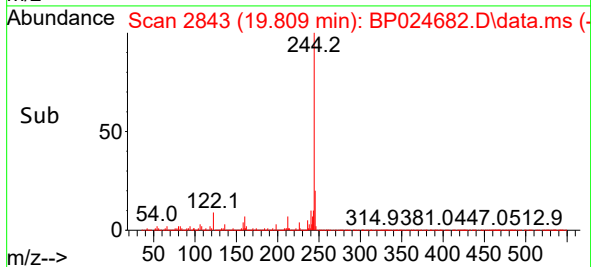
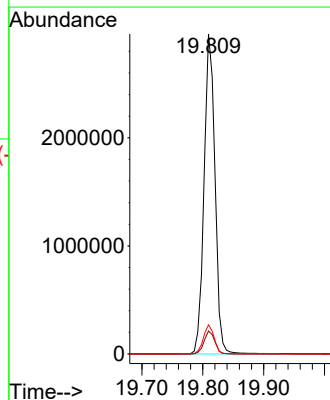
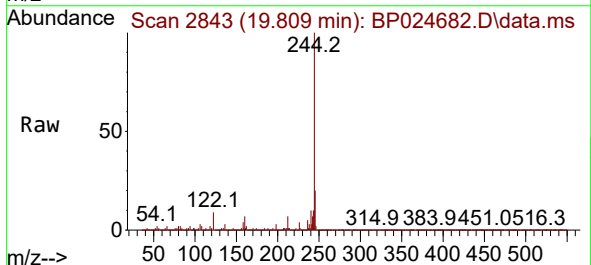
Tgt Ion:244 Resp: 3700167

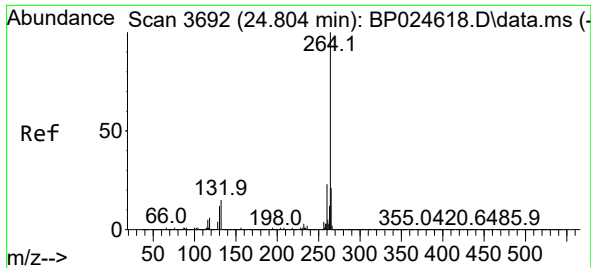
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 9.1 7.4 11.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.803 min Scan# 30  
 Delta R.T. -0.000 min  
 Lab File: BP024682.D  
 Acq: 17 May 2025 08:42

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-A

Tgt Ion:264 Resp: 702010  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 18.7 28.1  
 265 21.7 17.0 25.6

