

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052225\  
 Data File : BP024763.D  
 Acq On : 22 May 2025 17:43  
 Operator : RC/JU  
 Sample : Q2097-11  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RT3419

Quant Time: May 22 18:03:27 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   | 7.651  | 152  | 125370   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.422 | 136  | 499420   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.286 | 164  | 334452   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.092 | 188  | 596869   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.510 | 240  | 699908   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 24.780 | 264  | 871761   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.287  | 112  | 526514   | 71.830 | ng    | 0.00     |
| 7) Phenol-d6                | 6.857  | 99   | 637951   | 68.193 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.804  | 82   | 399253   | 40.393 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.804 | 330  | 447570   | 78.938 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.892 | 172  | 1073759  | 42.062 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.804 | 244  | 1726610  | 42.300 | ng    | 0.00     |

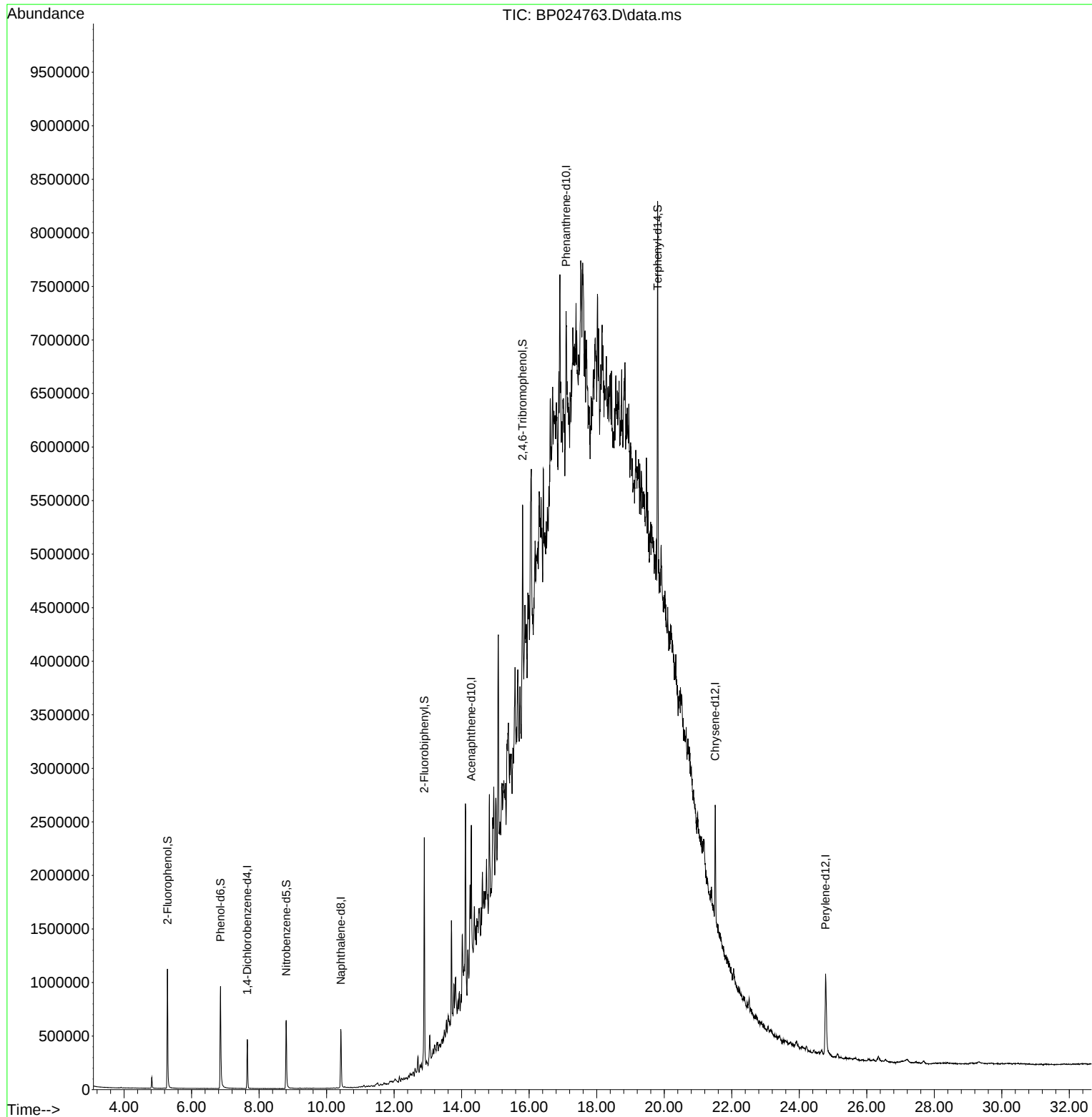
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

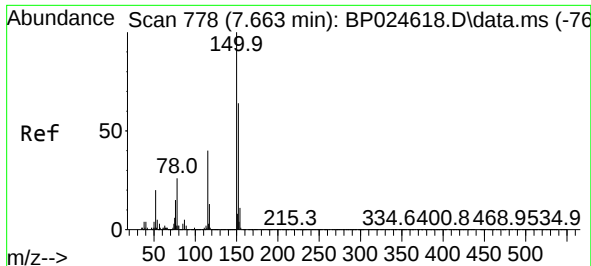
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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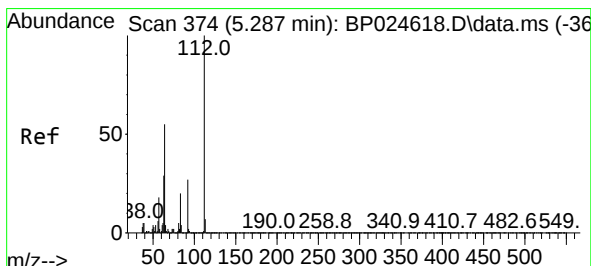
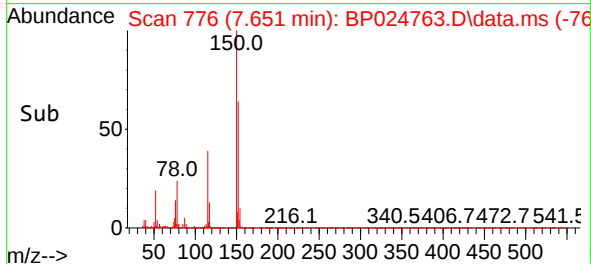
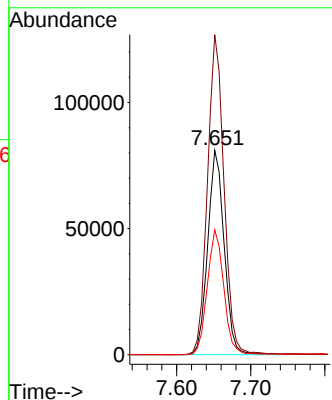
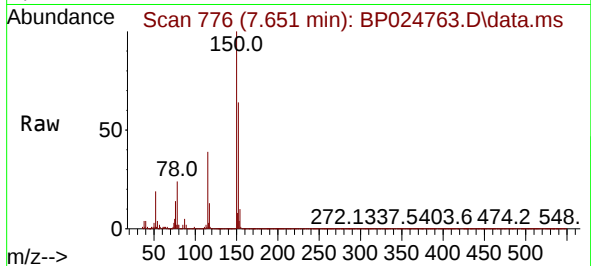




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.651 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BP024763.D  
Acq: 22 May 2025 17:43

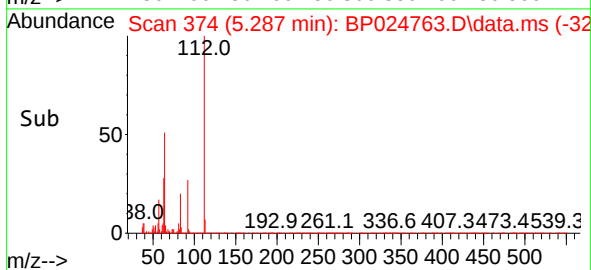
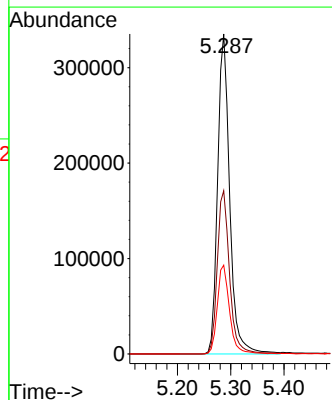
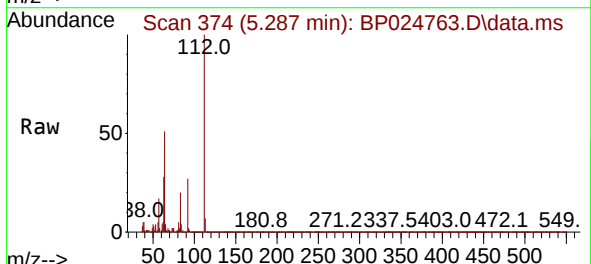
Instrument :  
BNA\_P  
ClientSampleId :  
RT3419

Tgt Ion:152 Resp: 125370  
Ion Ratio Lower Upper  
152 100  
150 156.6 125.9 188.9  
115 61.1 50.1 75.1



#5  
2-Fluorophenol  
Concen: 71.830 ng  
RT: 5.287 min Scan# 374  
Delta R.T. -0.000 min  
Lab File: BP024763.D  
Acq: 22 May 2025 17:43

Tgt Ion:112 Resp: 526514  
Ion Ratio Lower Upper  
112 100  
64 51.0 44.1 66.1  
63 27.8 23.5 35.3





#7

Phenol-d6

Concen: 68.193 ng

RT: 6.857 min Scan# 640

Delta R.T. 0.006 min

Lab File: BP024763.D

Acq: 22 May 2025 17:43

Instrument :

BNA\_P

ClientSampleId :

RT3419

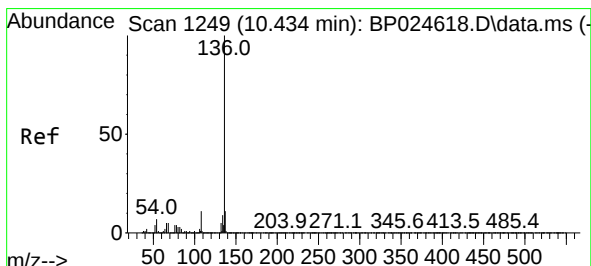
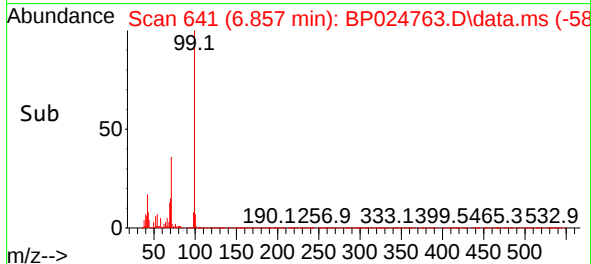
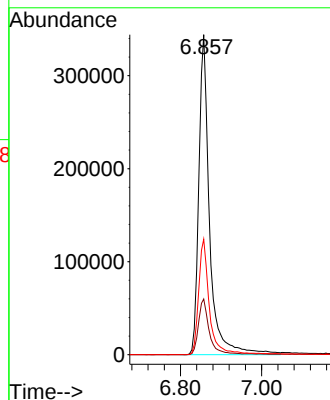
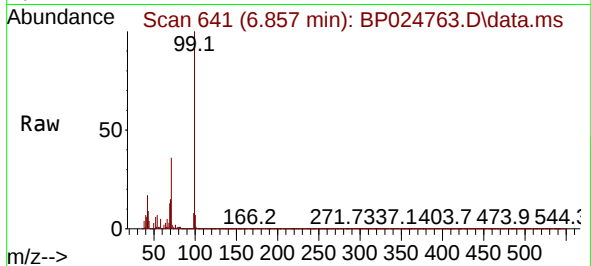
Tgt Ion: 99 Resp: 637951

Ion Ratio Lower Upper

99 100

42 17.4 14.4 21.6

71 36.1 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: BP024763.D

Acq: 22 May 2025 17:43

Tgt Ion:136 Resp: 499420

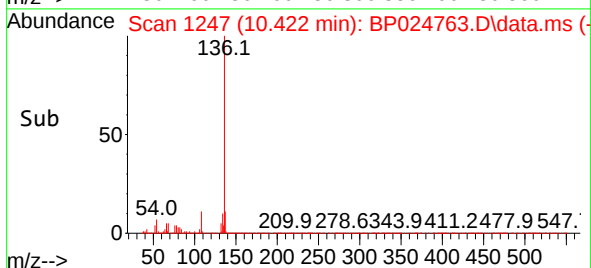
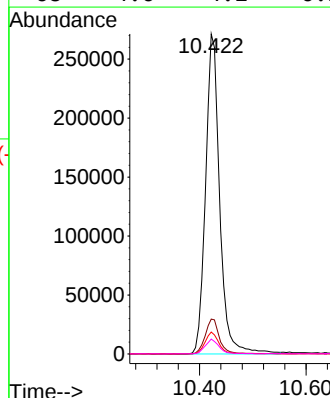
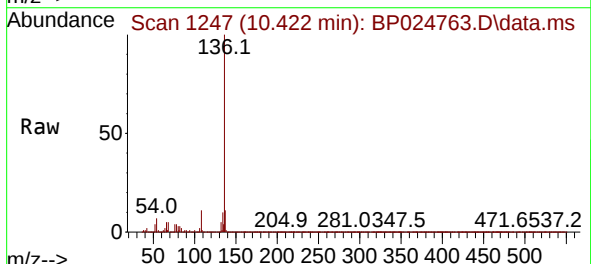
Ion Ratio Lower Upper

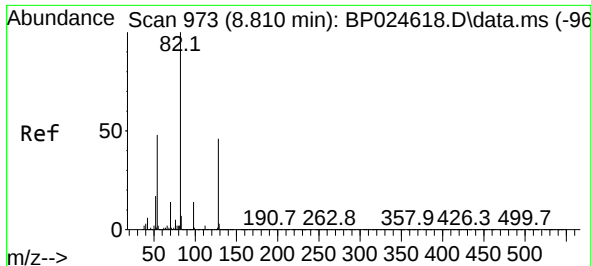
136 100

137 10.9 8.8 13.2

54 6.9 5.5 8.3

68 4.6 4.2 6.2

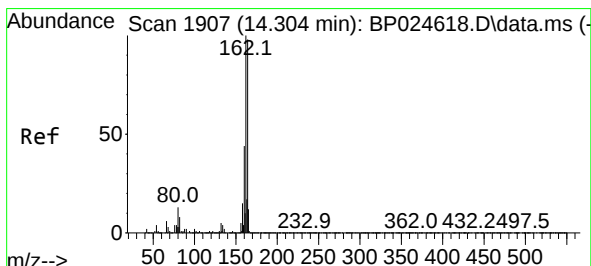
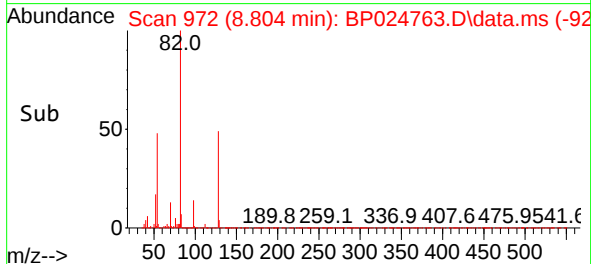
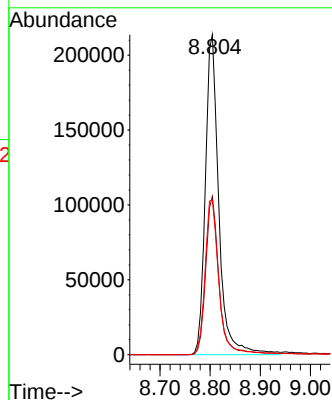
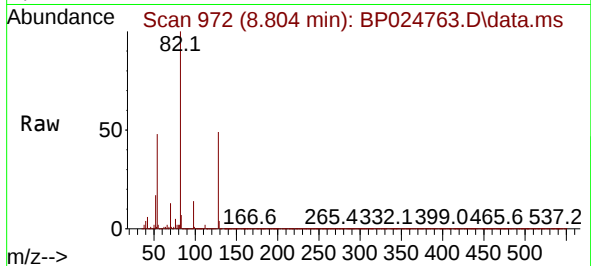




#23  
Nitrobenzene-d5  
Concen: 40.393 ng  
RT: 8.804 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024763.D  
Acq: 22 May 2025 17:43

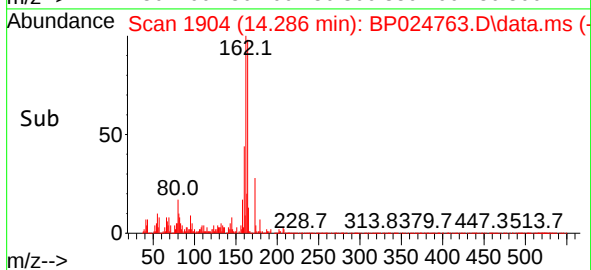
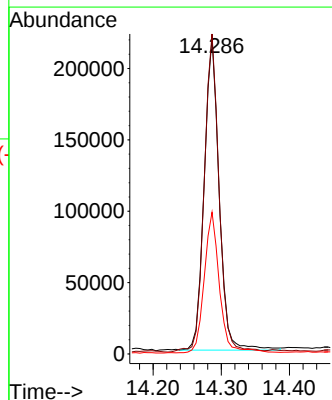
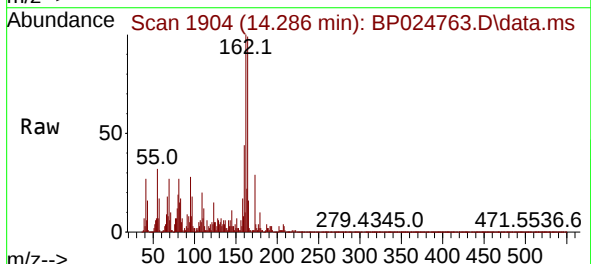
Instrument :  
BNA\_P  
ClientSampleId :  
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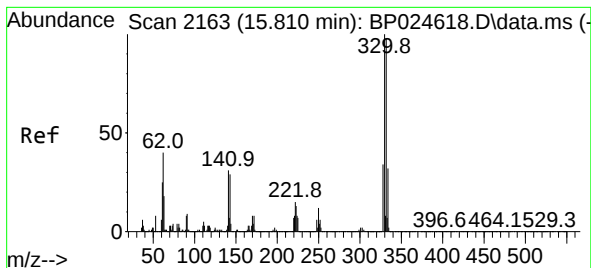
Tgt Ion: 82 Resp: 399253  
Ion Ratio Lower Upper  
82 100  
128 49.4 37.0 55.4  
54 48.4 38.7 58.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.286 min Scan# 1904  
Delta R.T. -0.018 min  
Lab File: BP024763.D  
Acq: 22 May 2025 17:43

Tgt Ion:164 Resp: 334452  
Ion Ratio Lower Upper  
164 100  
162 101.2 81.8 122.6  
160 44.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 78.938 ng

RT: 15.804 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BP024763.D

Acq: 22 May 2025 17:43

Instrument :

BNA\_P

ClientSampleId :

RT3419

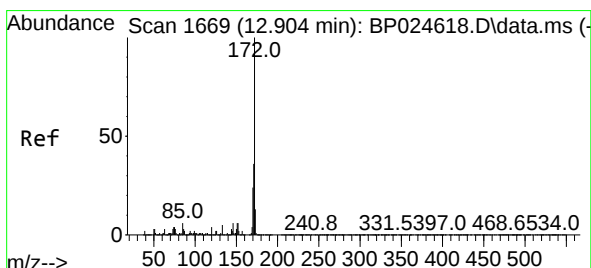
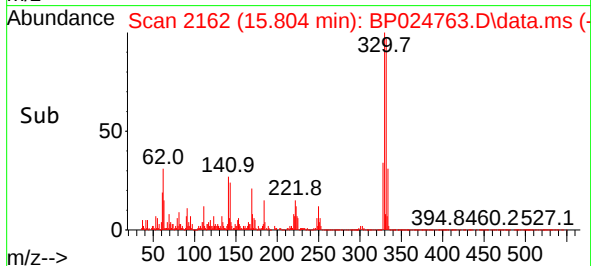
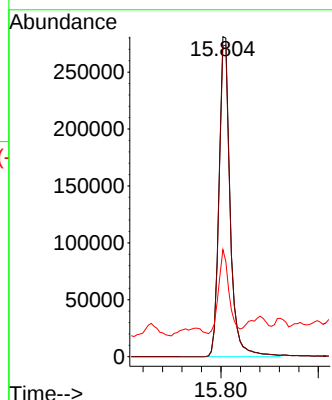
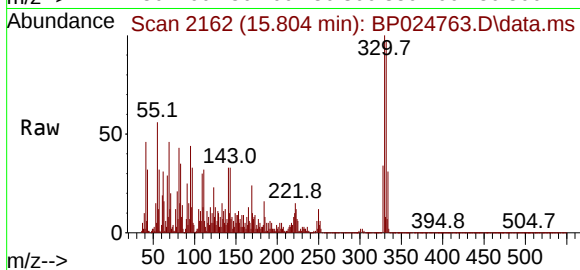
Tgt Ion:330 Resp: 447570

Ion Ratio Lower Upper

330 100

332 98.3 78.2 117.4

141 24.2 24.3 36.5#



#45

2-Fluorobiphenyl

Concen: 42.062 ng

RT: 12.892 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024763.D

Acq: 22 May 2025 17:43

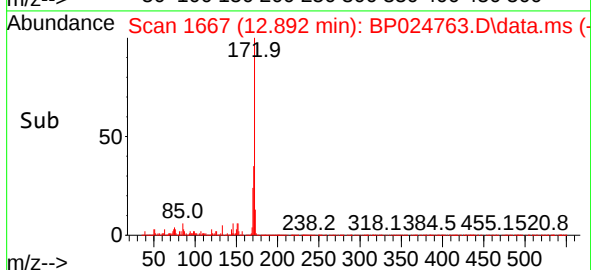
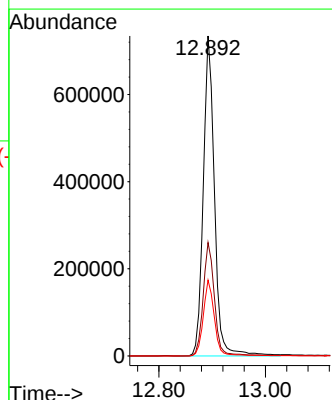
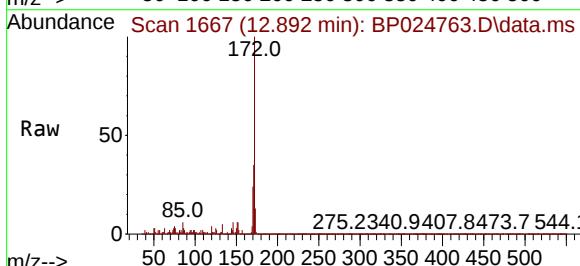
Tgt Ion:172 Resp: 1073759

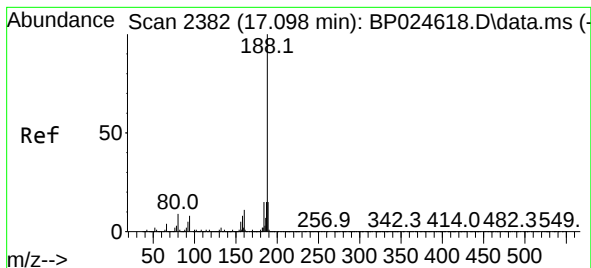
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024763.D

Acq: 22 May 2025 17:43

Instrument :

BNA\_P

ClientSampleId :

RT3419

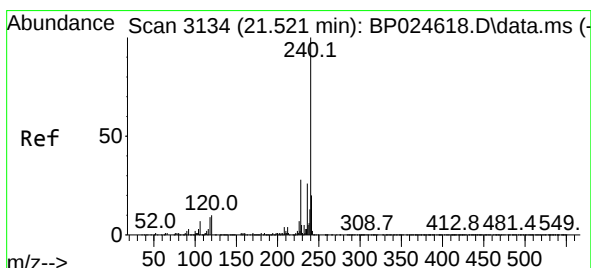
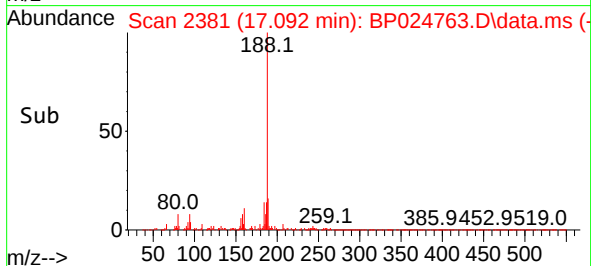
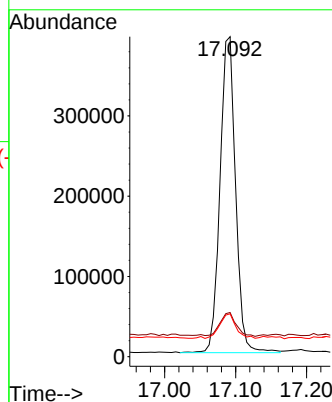
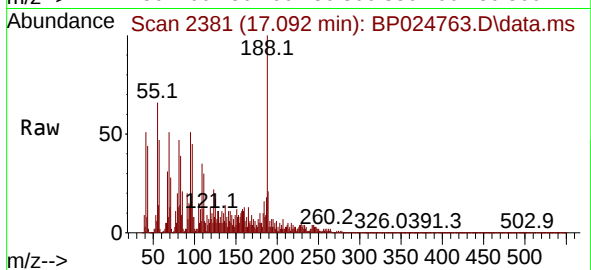
Tgt Ion:188 Resp: 596869

Ion Ratio Lower Upper

188 100

94 13.8 6.5 9.7#

80 13.4 7.3 10.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP024763.D

Acq: 22 May 2025 17:43

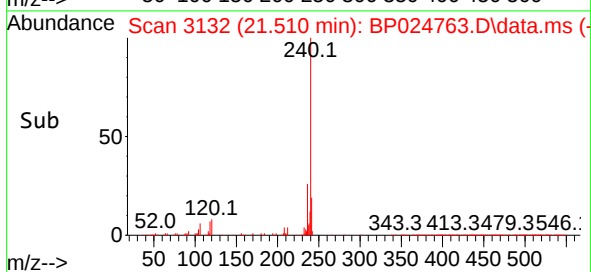
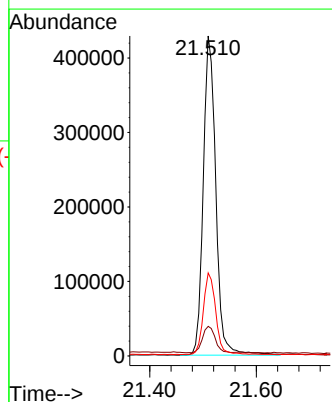
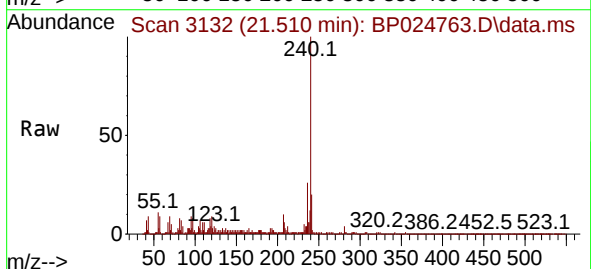
Tgt Ion:240 Resp: 699908

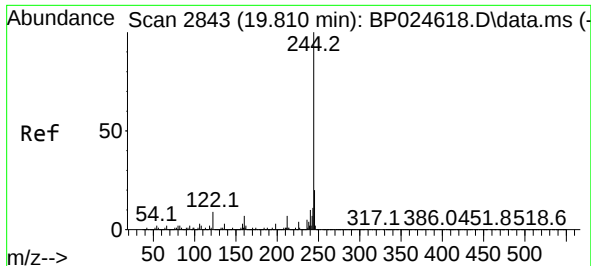
Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 26.0 20.6 31.0

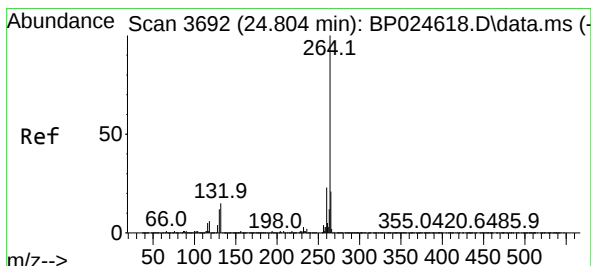
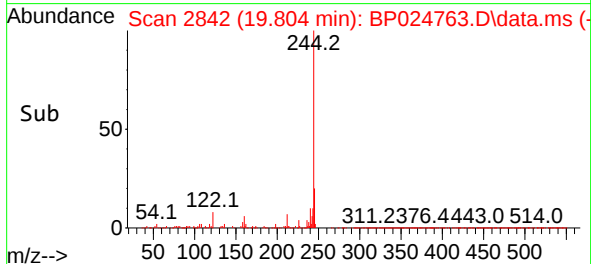
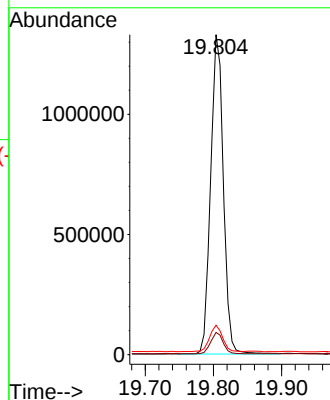
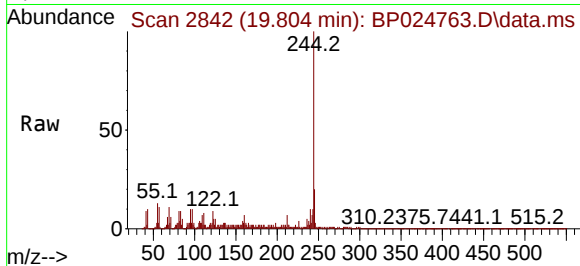




#79  
 Terphenyl-d14  
 Concen: 42.300 ng  
 RT: 19.804 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP024763.D  
 Acq: 22 May 2025 17:43

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RT3419

Tgt Ion:244 Resp: 1726610  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.5 8.3  
 122 9.2 7.4 11.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.780 min Scan# 3688  
 Delta R.T. -0.024 min  
 Lab File: BP024763.D  
 Acq: 22 May 2025 17:43

Tgt Ion:264 Resp: 871761  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.7 28.1  
 265 22.5 17.0 25.6

