

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081825\  
 Data File : BP025465.D  
 Acq On : 18 Aug 2025 17:35  
 Operator : CG/JU  
 Sample : Q2876-01 2X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Aug 18 18:28:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.790  | 152  | 141193   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.560 | 136  | 545260   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.395 | 164  | 342091   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.183 | 188  | 715471   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.630 | 240  | 848158   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 25.006 | 264  | 1004245  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.402  | 112  | 469737   | 55.250 | ng    | 0.00     |
| 7) Phenol-d6                | 6.966  | 99   | 610714   | 56.027 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.925  | 82   | 370343   | 34.358 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.901 | 330  | 267213   | 58.032 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.013 | 172  | 892842   | 35.670 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.907 | 244  | 1602724  | 34.573 | ng    | -0.01    |

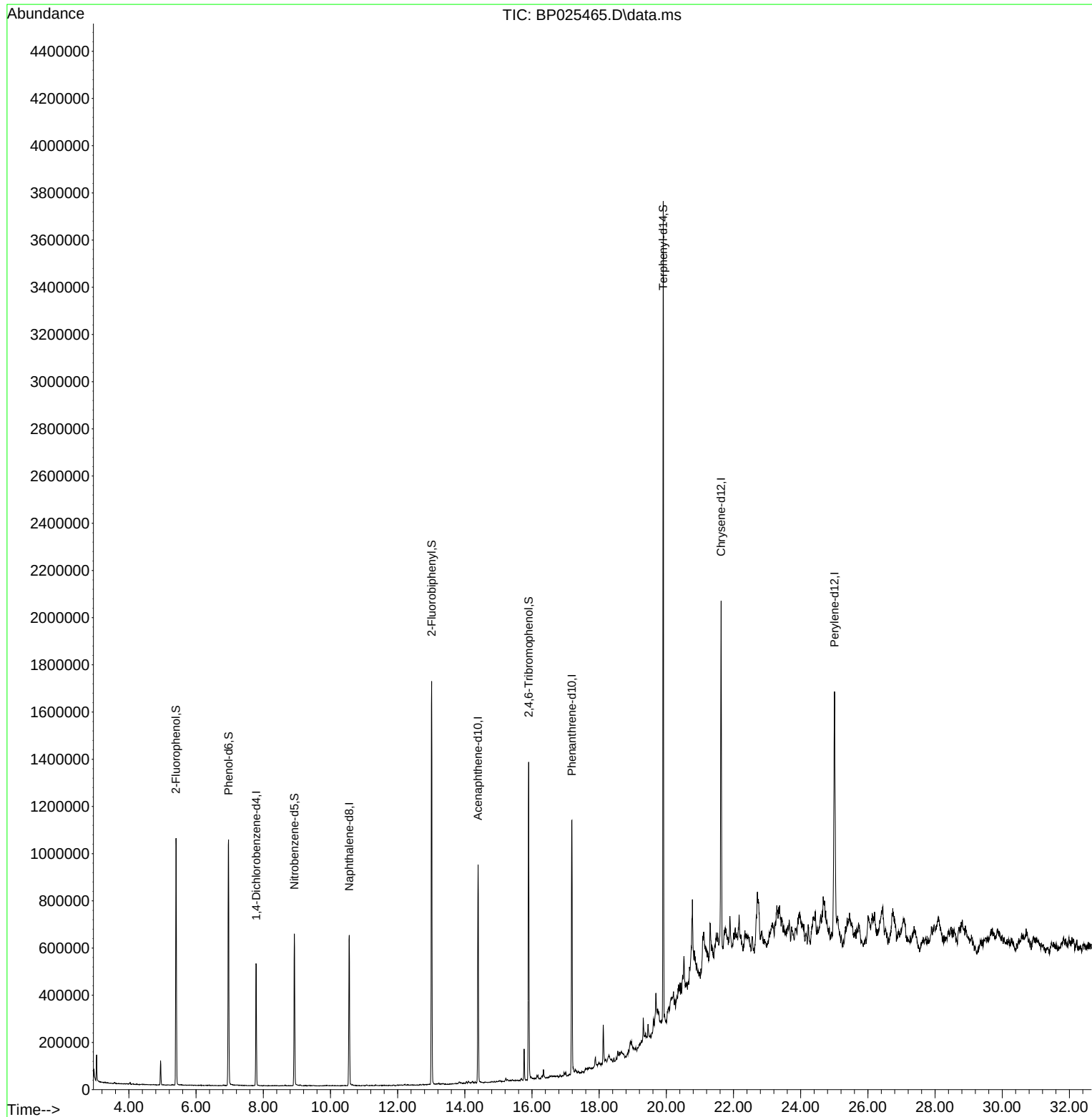
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

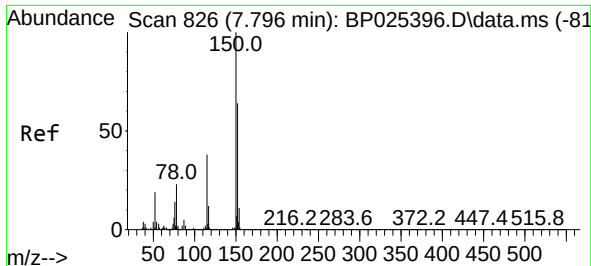
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 14 18:14:31 2025  
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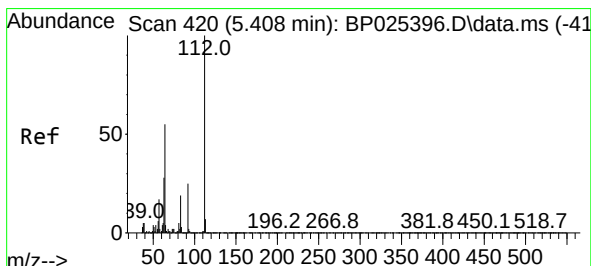
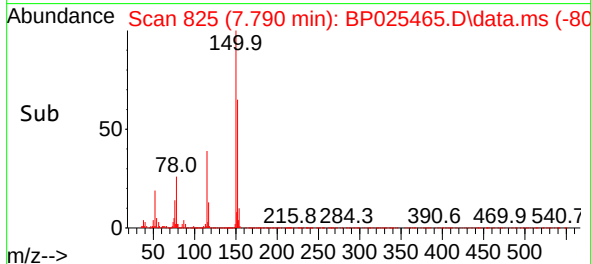
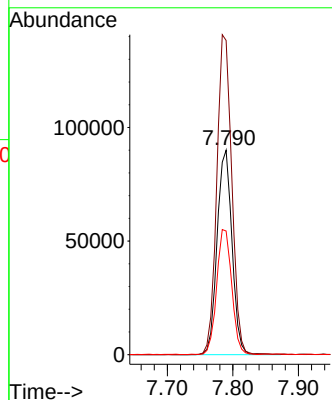
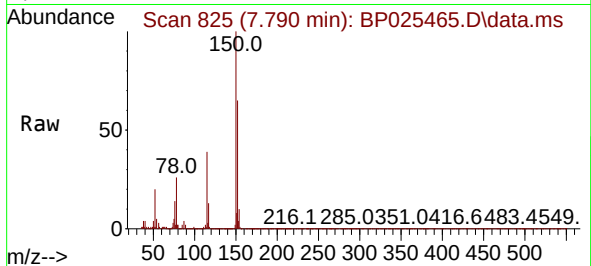




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.790 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BP025465.D  
 Acq: 18 Aug 2025 17:35

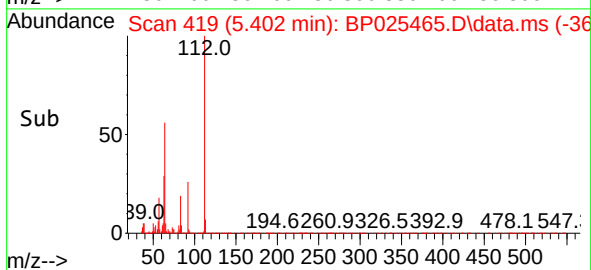
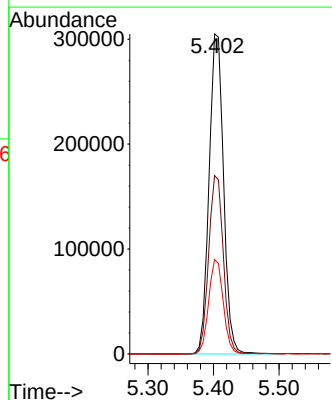
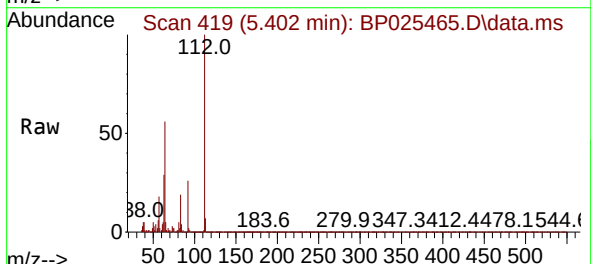
Instrument :  
 BNA\_P  
 ClientSampleId :

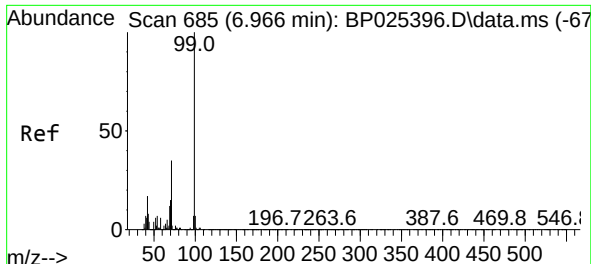
Tgt Ion:152 Resp: 141193  
 Ion Ratio Lower Upper  
 152 100  
 150 153.7 125.9 188.9  
 115 60.5 48.5 72.7



#5  
 2-Fluorophenol  
 Concen: 55.250 ng  
 RT: 5.402 min Scan# 419  
 Delta R.T. -0.006 min  
 Lab File: BP025465.D  
 Acq: 18 Aug 2025 17:35

Tgt Ion:112 Resp: 469737  
 Ion Ratio Lower Upper  
 112 100  
 64 55.7 43.8 65.8  
 63 29.5 22.7 34.1

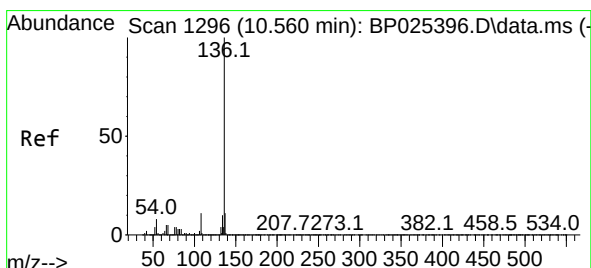
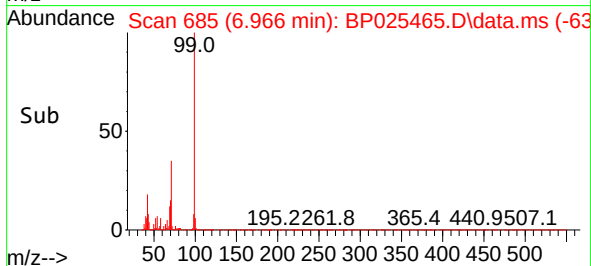
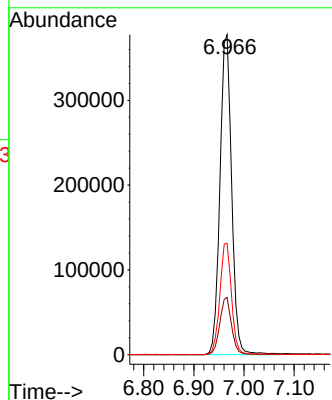
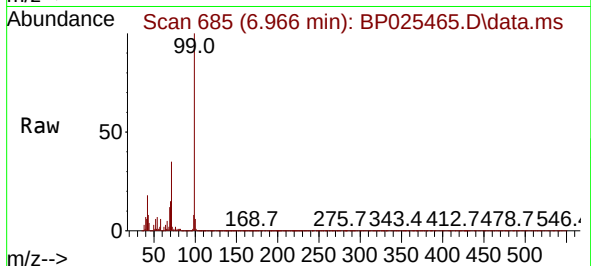




#7  
Phenol-d6  
Concen: 56.027 ng  
RT: 6.966 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP025465.D  
Acq: 18 Aug 2025 17:35

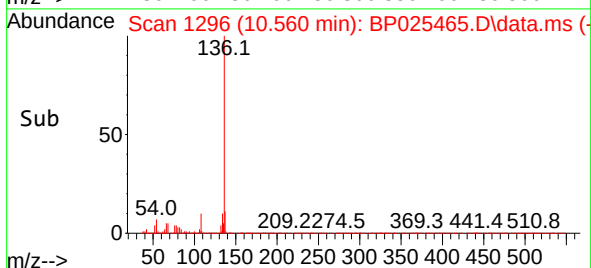
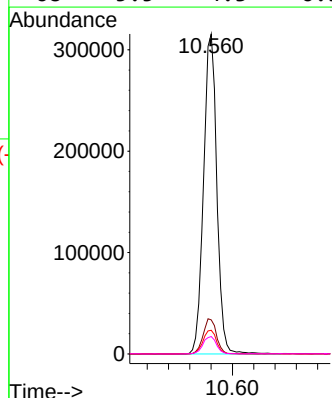
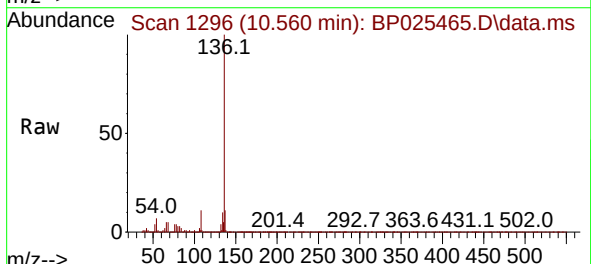
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BNA\_P  
ClientSampleId :

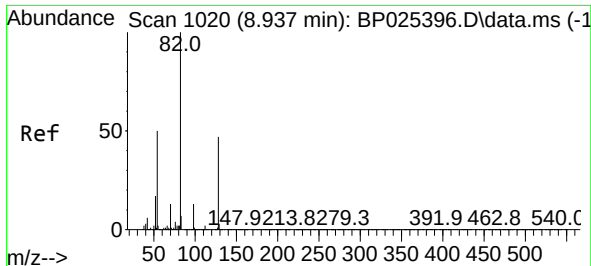
Tgt Ion: 99 Resp: 610714  
Ion Ratio Lower Upper  
99 100  
42 17.9 13.7 20.5  
71 34.8 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.560 min Scan# 1296  
Delta R.T. -0.000 min  
Lab File: BP025465.D  
Acq: 18 Aug 2025 17:35

Tgt Ion: 136 Resp: 545260  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.2 13.8  
54 7.4 6.0 9.0  
68 5.5 4.3 6.5

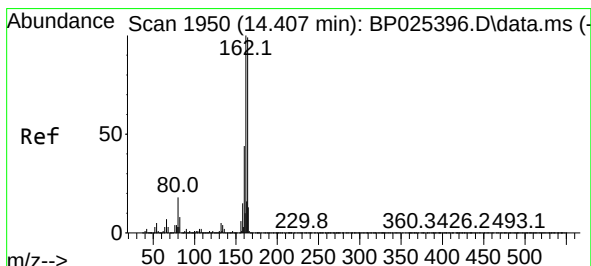
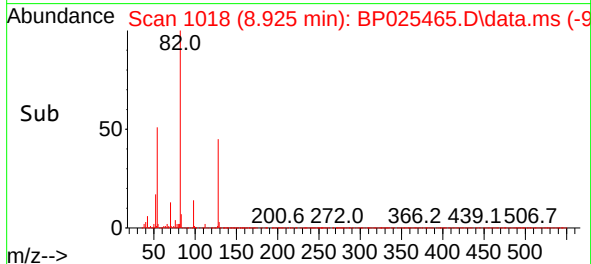
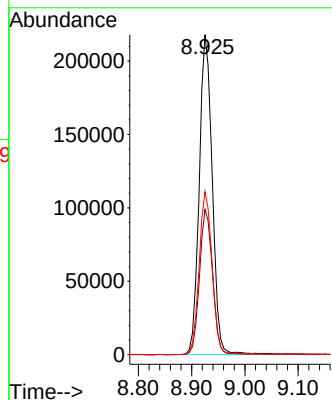
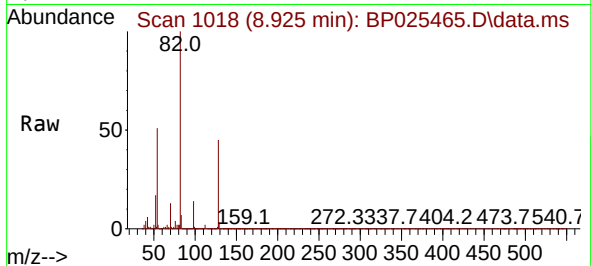




#23  
Nitrobenzene-d5  
Concen: 34.358 ng  
RT: 8.925 min Scan# 1018  
Delta R.T. -0.012 min  
Lab File: BP025465.D  
Acq: 18 Aug 2025 17:35

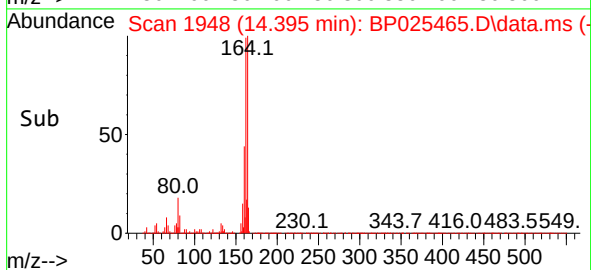
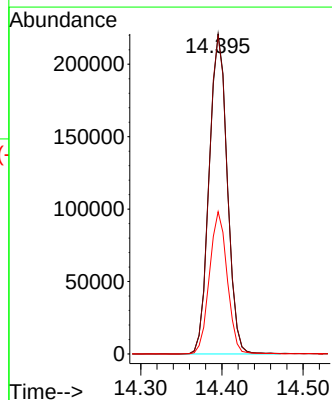
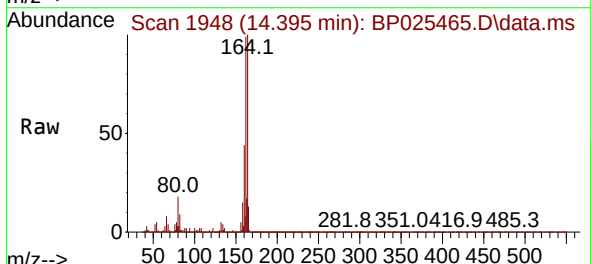
Instrument :  
BNA\_P  
ClientSampleId :

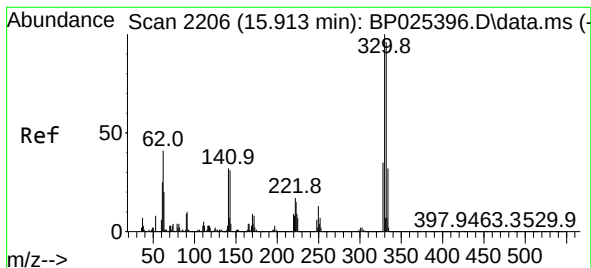
Tgt Ion: 82 Resp: 370343  
Ion Ratio Lower Upper  
82 100  
128 45.4 37.7 56.5  
54 51.0 39.8 59.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.395 min Scan# 1948  
Delta R.T. -0.012 min  
Lab File: BP025465.D  
Acq: 18 Aug 2025 17:35

Tgt Ion:164 Resp: 342091  
Ion Ratio Lower Upper  
164 100  
162 99.4 81.0 121.6  
160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 58.032 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025465.D

Acq: 18 Aug 2025 17:35

Instrument :

BNA\_P

ClientSampleId :

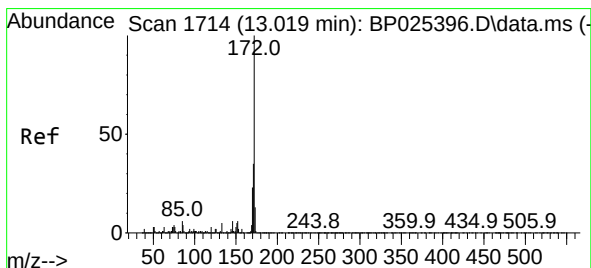
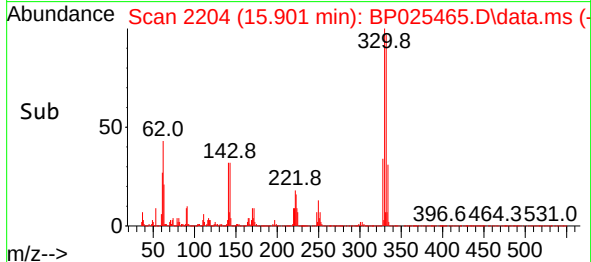
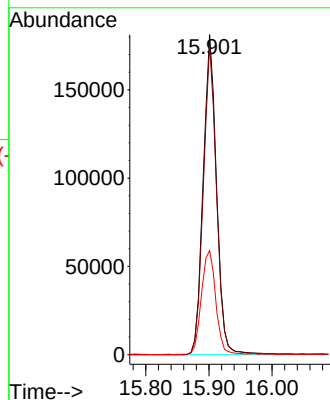
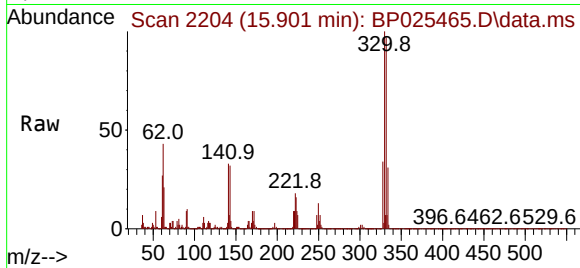
Tgt Ion:330 Resp: 267213

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 34.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 35.670 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025465.D

Acq: 18 Aug 2025 17:35

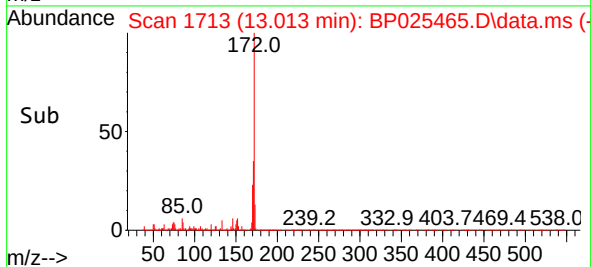
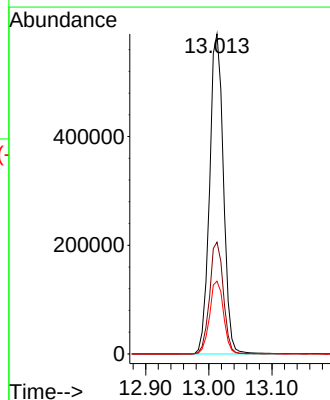
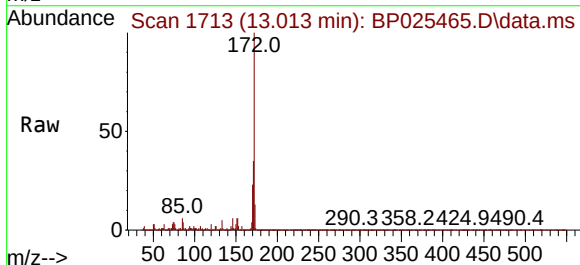
Tgt Ion:172 Resp: 892842

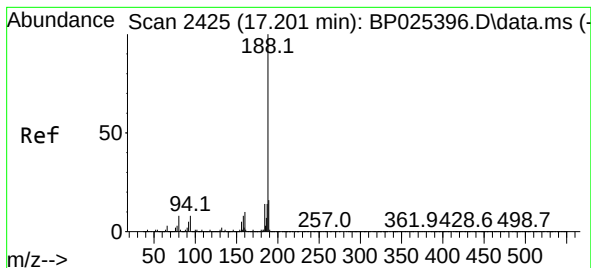
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 22.7 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.183 min Scan# 2425

Delta R.T. -0.018 min

Lab File: BP025465.D

Acq: 18 Aug 2025 17:35

Instrument :

BNA\_P

ClientSampleId :

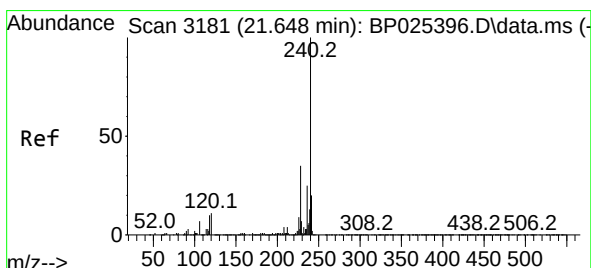
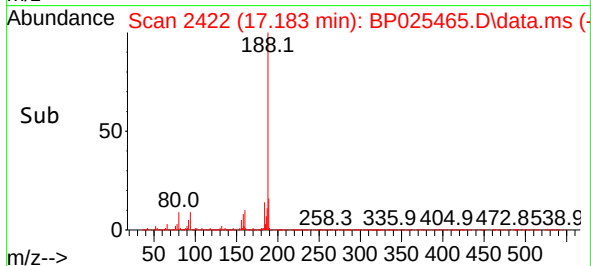
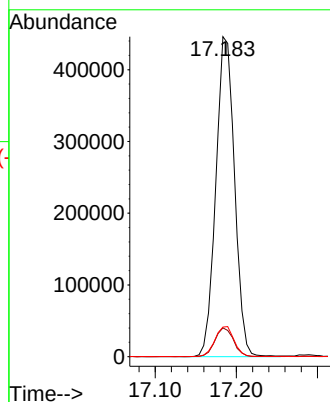
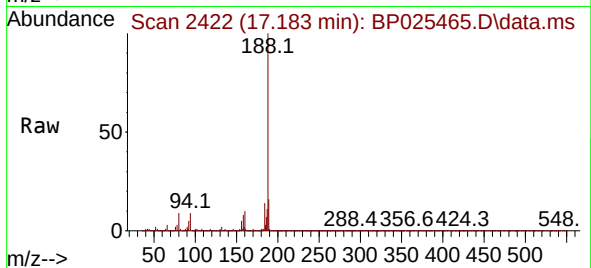
Tgt Ion:188 Resp: 715471

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.3 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.018 min

Lab File: BP025465.D

Acq: 18 Aug 2025 17:35

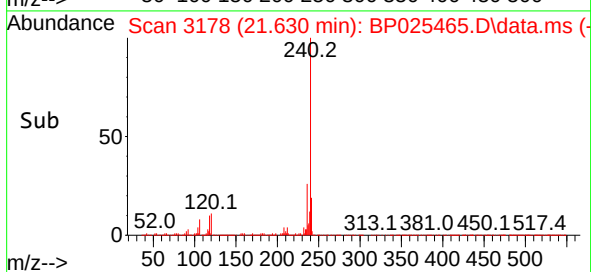
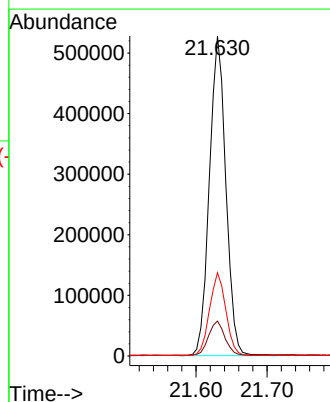
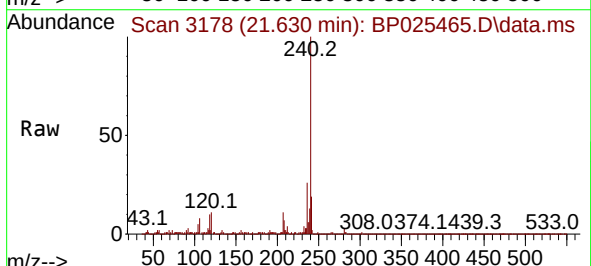
Tgt Ion:240 Resp: 848158

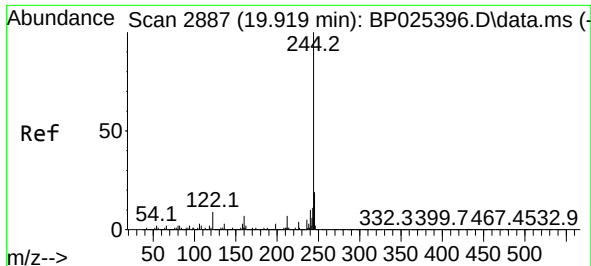
Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

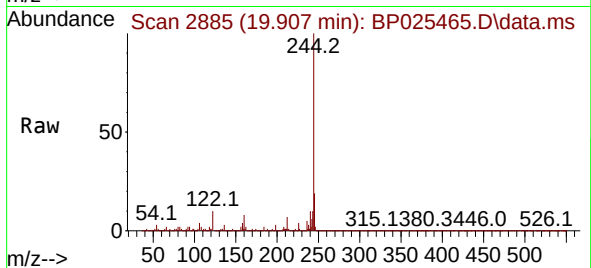
236 26.0 19.8 29.8



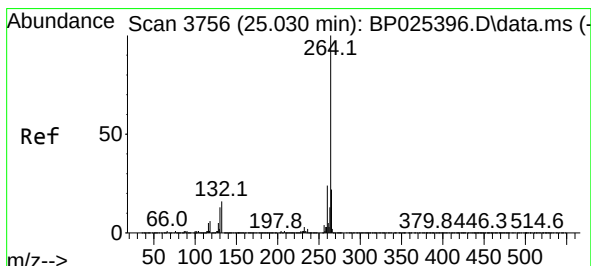
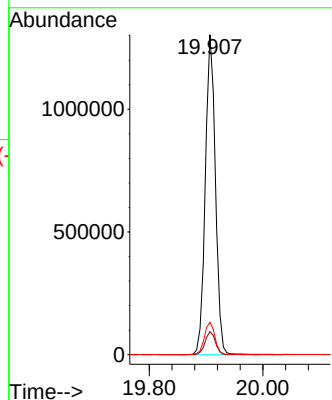
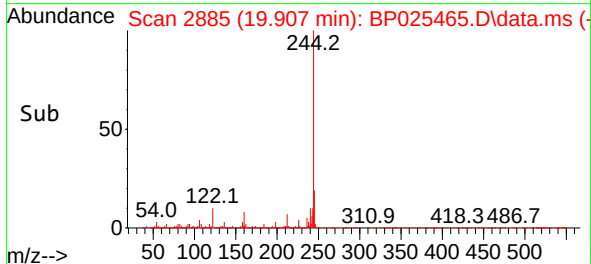


#79  
 Terphenyl-d14  
 Concen: 34.573 ng  
 RT: 19.907 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP025465.D  
 Acq: 18 Aug 2025 17:35

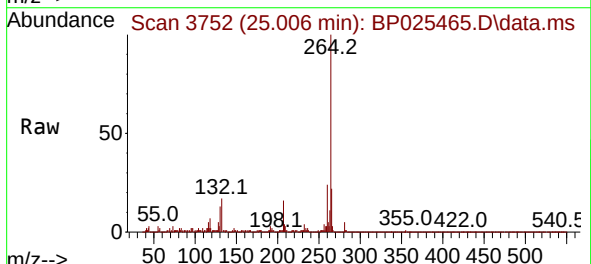
Instrument :  
 BNA\_P  
 ClientSampleId :



Tgt Ion:244 Resp: 1602724  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 10.2 7.4 11.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.006 min Scan# 3752  
 Delta R.T. -0.024 min  
 Lab File: BP025465.D  
 Acq: 18 Aug 2025 17:35



Tgt Ion:264 Resp: 1004245  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.3 28.9  
 265 22.0 17.4 26.0

