

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051425\  
 Data File : BP024626.D  
 Acq On : 14 May 2025 13:17  
 Operator : RC/JU  
 Sample : PB167951BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167951BL

Quant Time: May 14 13:40:54 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   | 7.640  | 152  | 140468   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.416 | 136  | 528352   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.292 | 164  | 331950   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.092 | 188  | 693234   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.533 | 240  | 775196   | 20.000  | ng    | 0.01     |
| 86) Perylene-d12            | 24.815 | 264  | 879073   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.269  | 112  | 1189764  | 144.868 | ng    | -0.02    |
| 7) Phenol-d6                | 6.834  | 99   | 1441436  | 137.519 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.793  | 82   | 897059   | 85.786  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.804 | 330  | 798527   | 141.897 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.893 | 172  | 2050513  | 80.929  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.827 | 244  | 3887507  | 85.990  | ng    | 0.02     |

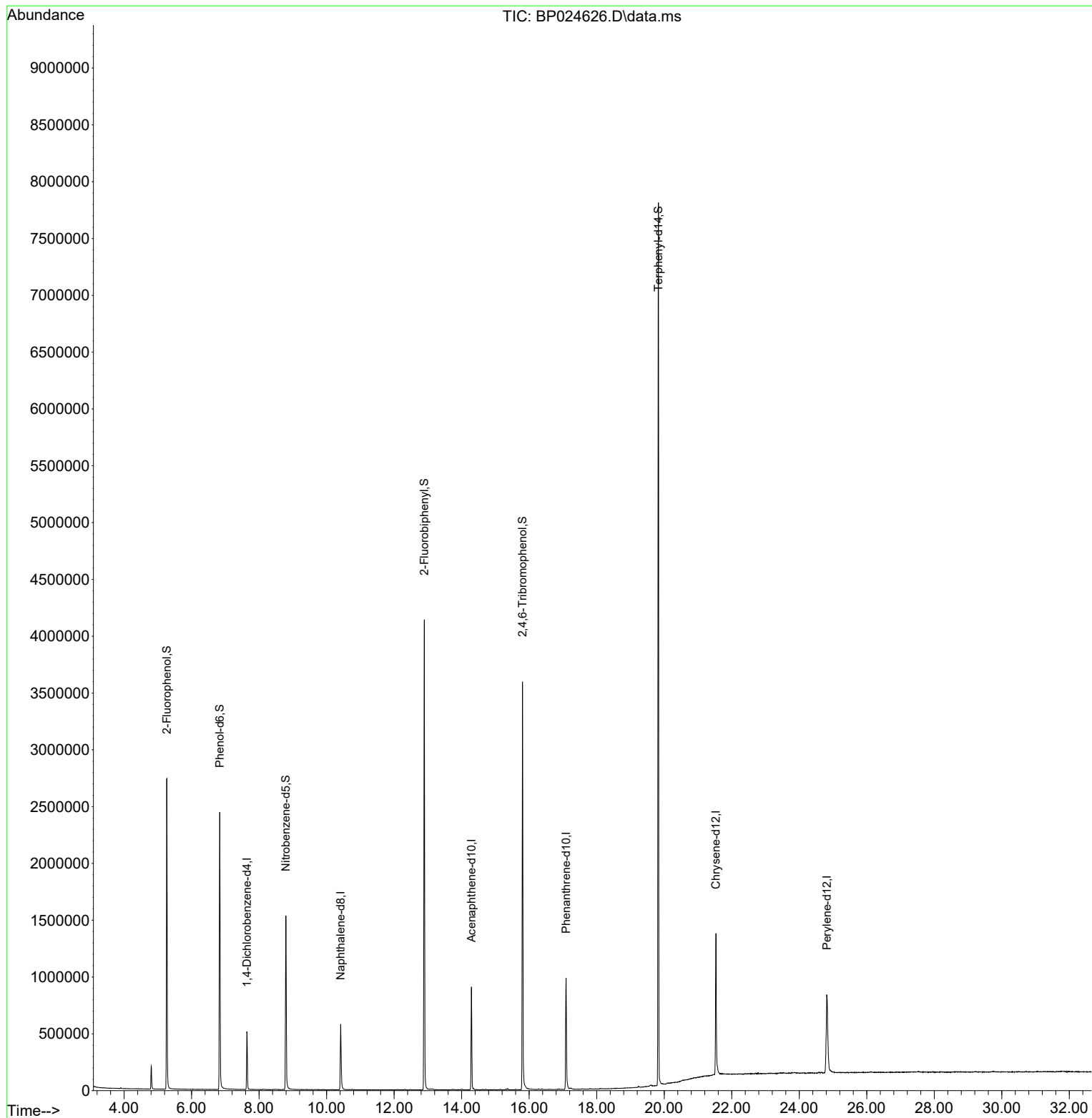
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

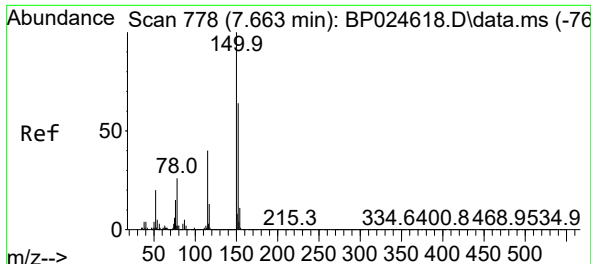
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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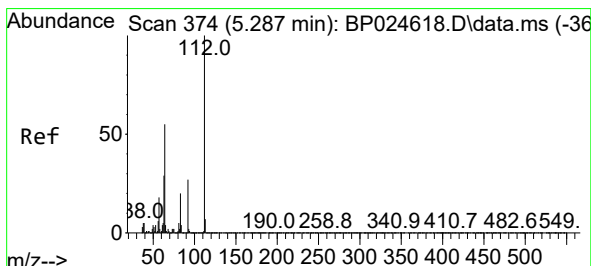
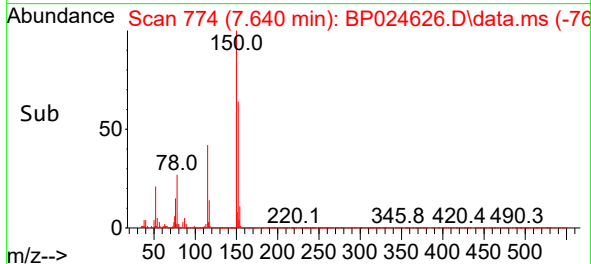
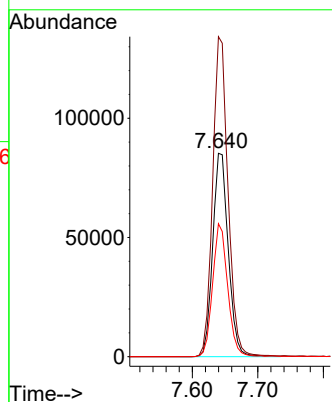
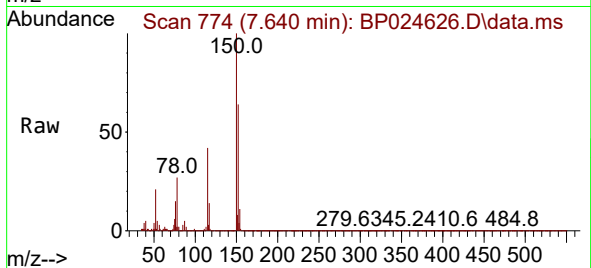




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.640 min Scan# 71  
Delta R.T. -0.023 min  
Lab File: BP024626.D  
Acq: 14 May 2025 13:17

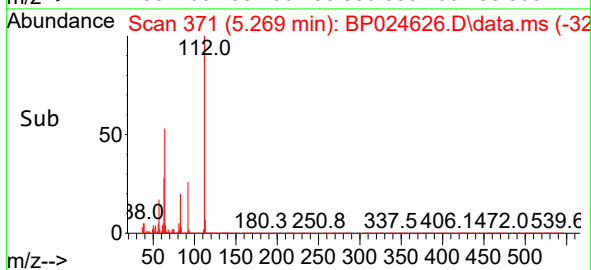
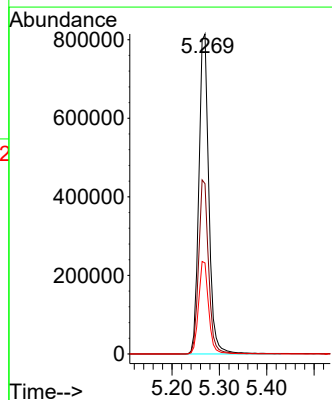
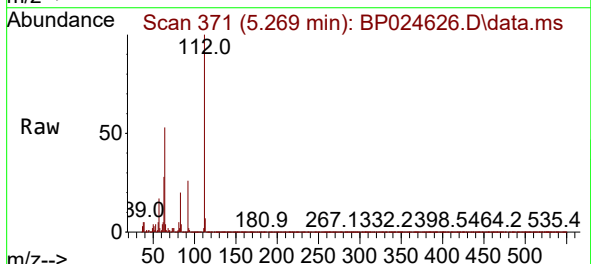
Instrument :  
BNA\_P  
ClientSampleId :  
PB167951BL

Tgt Ion:152 Resp: 140468  
Ion Ratio Lower Upper  
152 100  
150 157.3 125.9 188.9  
115 65.4 50.1 75.1



#5  
2-Fluorophenol  
Concen: 144.868 ng  
RT: 5.269 min Scan# 371  
Delta R.T. -0.018 min  
Lab File: BP024626.D  
Acq: 14 May 2025 13:17

Tgt Ion:112 Resp: 1189764  
Ion Ratio Lower Upper  
112 100  
64 53.2 44.1 66.1  
63 28.5 23.5 35.3

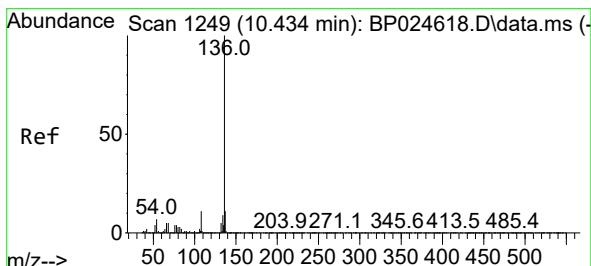
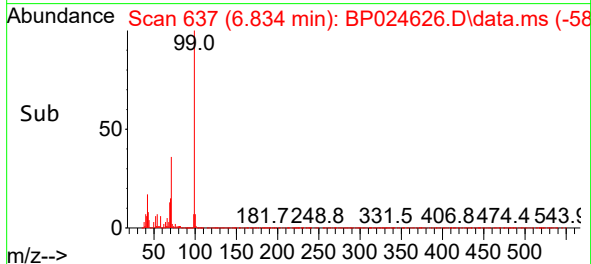
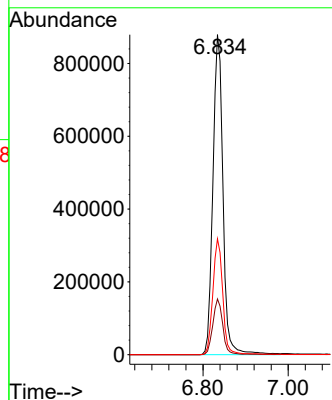
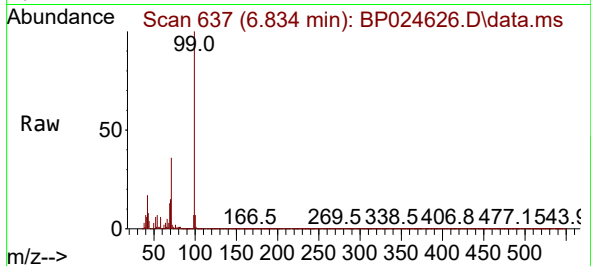




#7  
Phenol-d6  
Concen: 137.519 ng  
RT: 6.834 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BP024626.D  
Acq: 14 May 2025 13:17

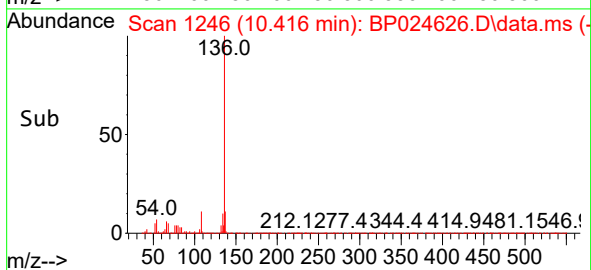
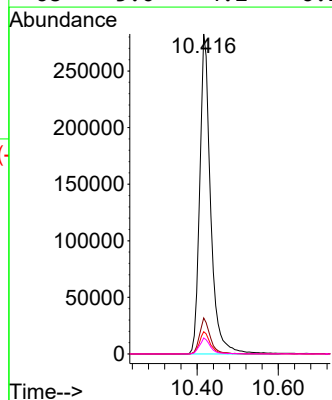
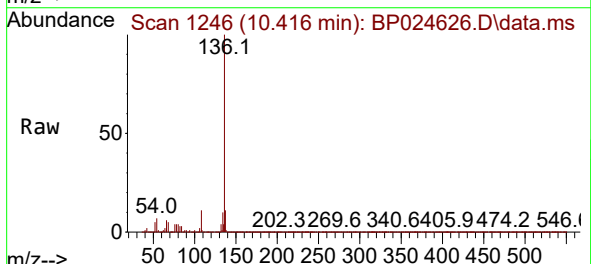
Instrument :  
BNA\_P  
ClientSampleId :  
PB167951BL

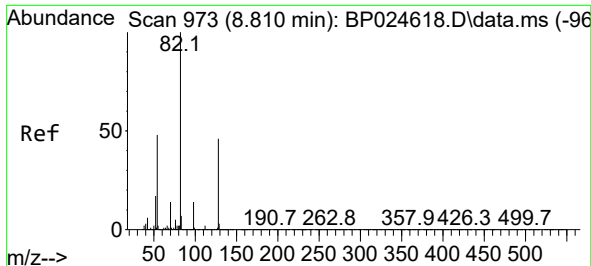
Tgt Ion: 99 Resp: 1441436  
Ion Ratio Lower Upper  
99 100  
42 17.4 14.4 21.6  
71 36.2 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.416 min Scan# 1246  
Delta R.T. -0.018 min  
Lab File: BP024626.D  
Acq: 14 May 2025 13:17

Tgt Ion:136 Resp: 528352  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 6.9 5.5 8.3  
68 5.0 4.2 6.2

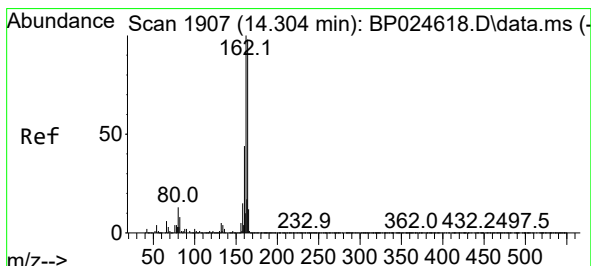
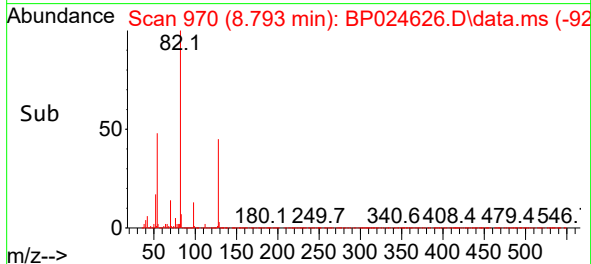
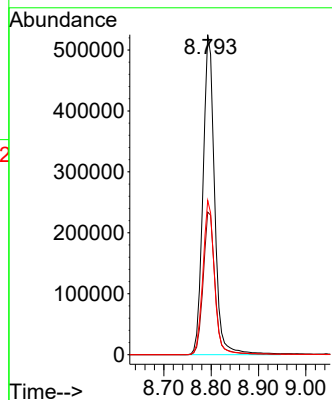
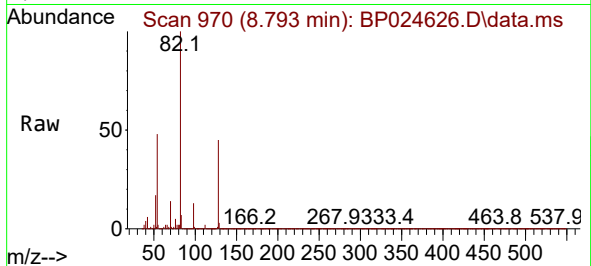




#23  
Nitrobenzene-d5  
Concen: 85.786 ng  
RT: 8.793 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BP024626.D  
Acq: 14 May 2025 13:17

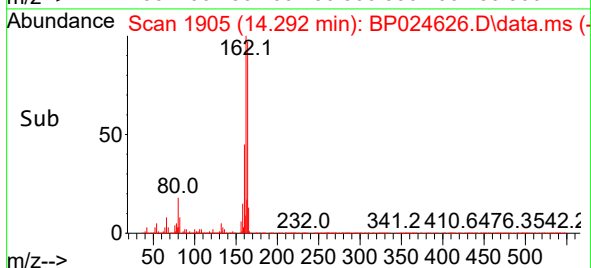
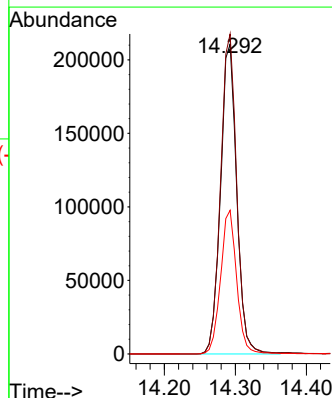
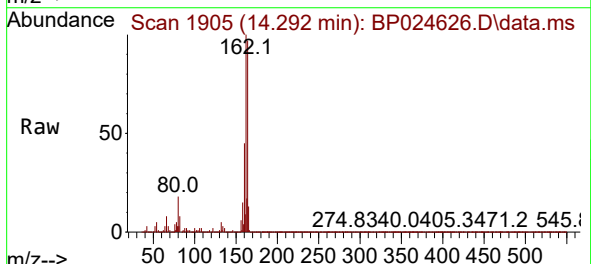
Instrument :  
BNA\_P  
ClientSampleId :  
PB167951BL

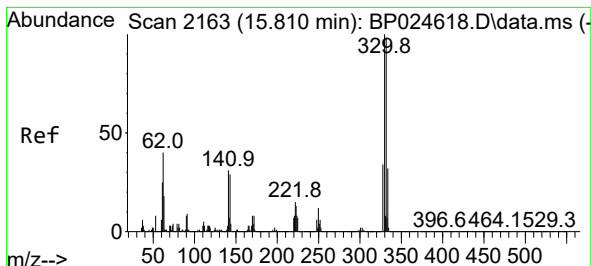
Tgt Ion: 82 Resp: 897059  
Ion Ratio Lower Upper  
82 100  
128 44.5 37.0 55.4  
54 48.2 38.7 58.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.292 min Scan# 1905  
Delta R.T. -0.012 min  
Lab File: BP024626.D  
Acq: 14 May 2025 13:17

Tgt Ion: 164 Resp: 331950  
Ion Ratio Lower Upper  
164 100  
162 103.2 81.8 122.6  
160 46.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 141.897 ng

RT: 15.804 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BP024626.D

Acq: 14 May 2025 13:17

Instrument :

BNA\_P

ClientSampleId :

PB167951BL

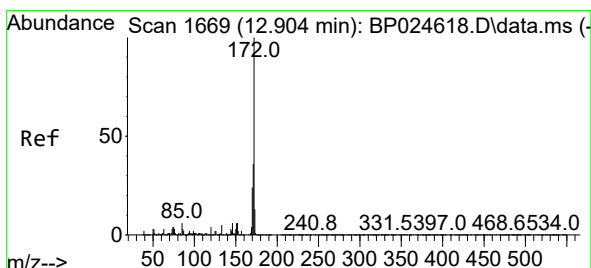
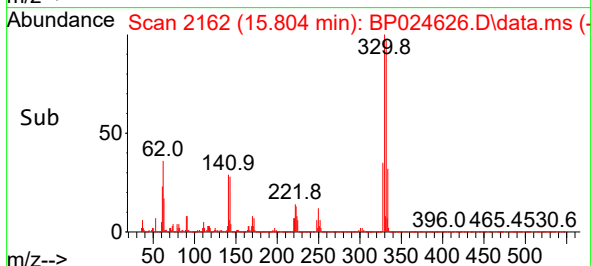
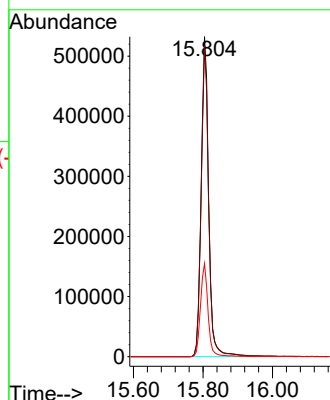
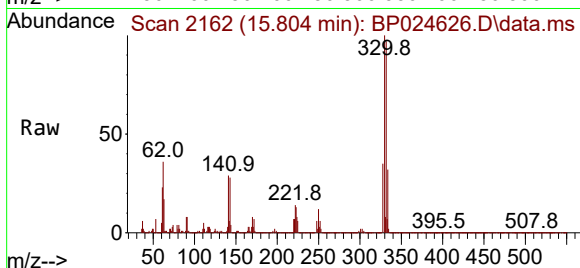
Tgt Ion:330 Resp: 798527

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.4

141 29.2 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 80.929 ng

RT: 12.893 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024626.D

Acq: 14 May 2025 13:17

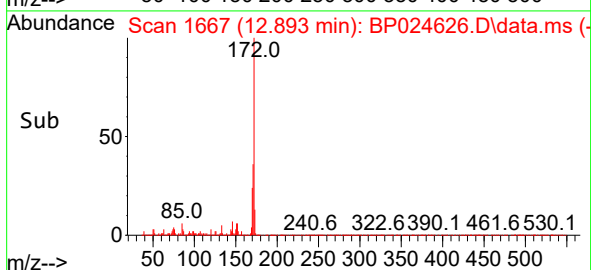
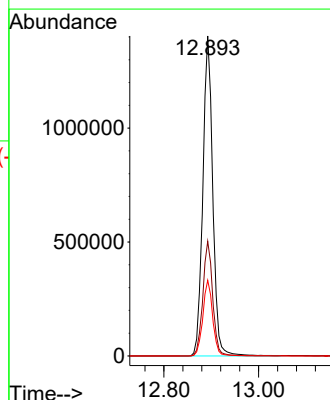
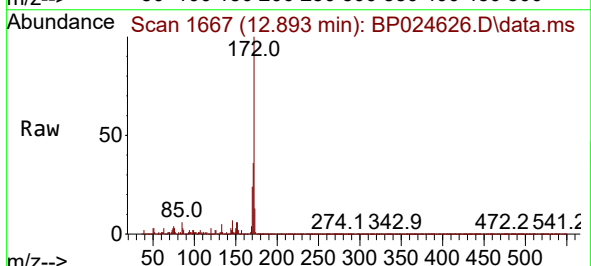
Tgt Ion:172 Resp: 2050513

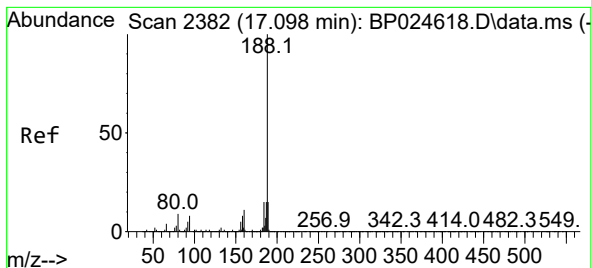
Ion Ratio Lower Upper

172 100

171 35.8 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: BP024626.D

Acq: 14 May 2025 13:17

Instrument :

BNA\_P

ClientSampleId :

PB167951BL

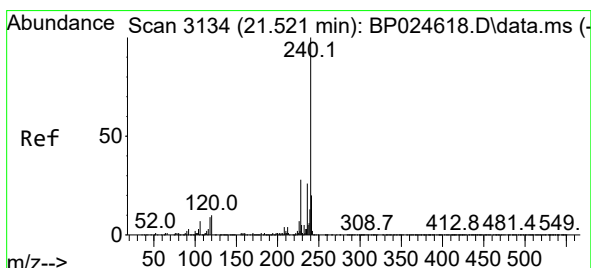
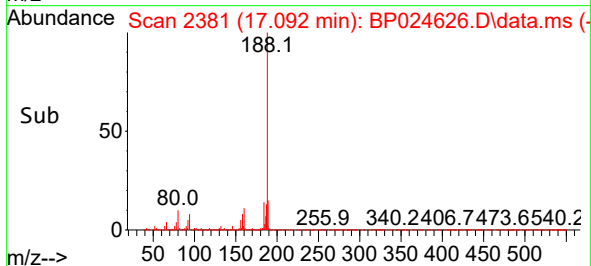
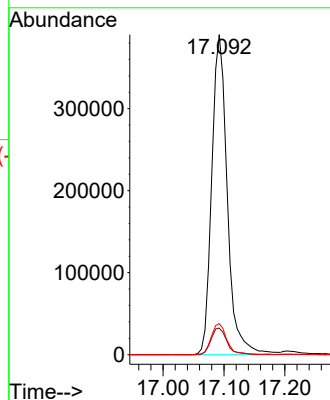
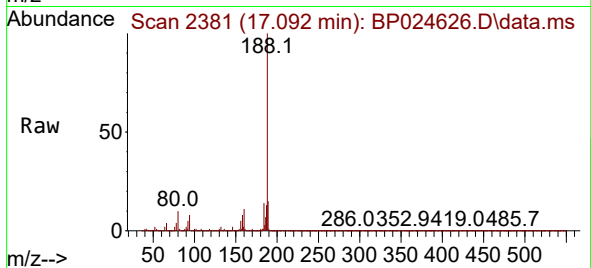
Tgt Ion:188 Resp: 693234

Ion Ratio Lower Upper

188 100

94 8.3 6.5 9.7

80 9.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3136

Delta R.T. 0.012 min

Lab File: BP024626.D

Acq: 14 May 2025 13:17

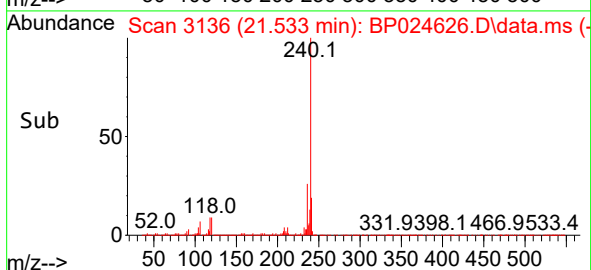
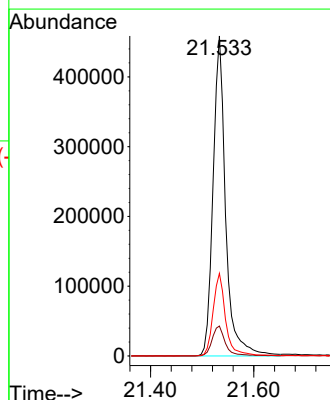
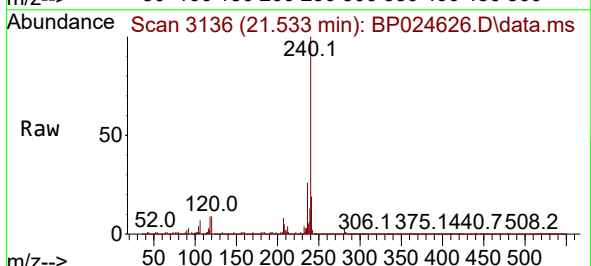
Tgt Ion:240 Resp: 775196

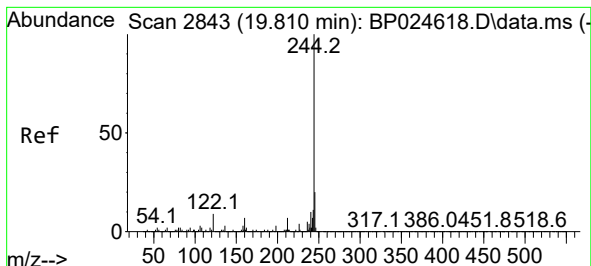
Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 85.990 ng

RT: 19.827 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024626.D

Acq: 14 May 2025 13:17

Instrument :

BNA\_P

ClientSampleId :

PB167951BL

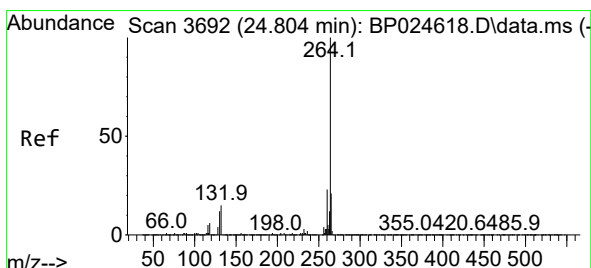
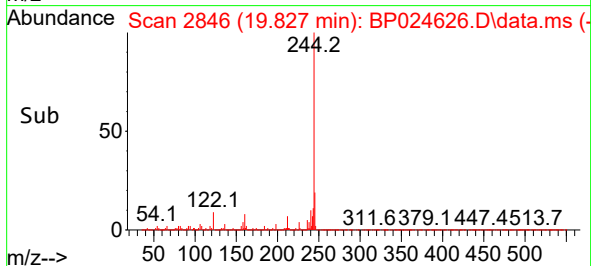
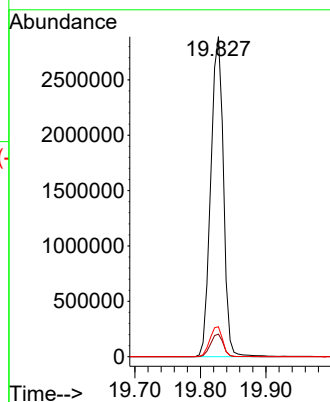
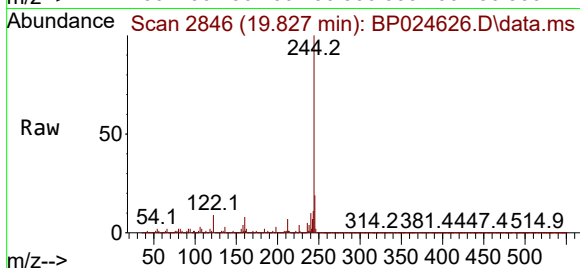
Tgt Ion:244 Resp: 3887507

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 9.3 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 3694

Delta R.T. 0.012 min

Lab File: BP024626.D

Acq: 14 May 2025 13:17

Tgt Ion:264 Resp: 879073

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.4 17.0 25.6

