

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050925\  
 Data File : BP024586.D  
 Acq On : 09 May 2025 11:38  
 Operator : RC/JU  
 Sample : PB167919BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167919BL

Quant Time: May 09 13:21:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 09 12:07:46 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.698  | 152  | 172859   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.475 | 136  | 644270   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.333 | 164  | 376417   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.139 | 188  | 754917   | 20.000  | ng    | # 0.01   |
| 76) Chrysene-d12            | 21.568 | 240  | 853005   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.903 | 264  | 961867   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.328  | 112  | 1317517  | 126.025 | ng    | 0.00     |
| 7) Phenol-d6                | 6.893  | 99   | 1557015  | 108.768 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.851  | 82   | 965497   | 85.451  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.857 | 330  | 818327   | 157.131 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 12.945 | 172  | 2207134  | 89.777  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.857 | 244  | 3872041  | 91.496  | ng    | 0.00     |

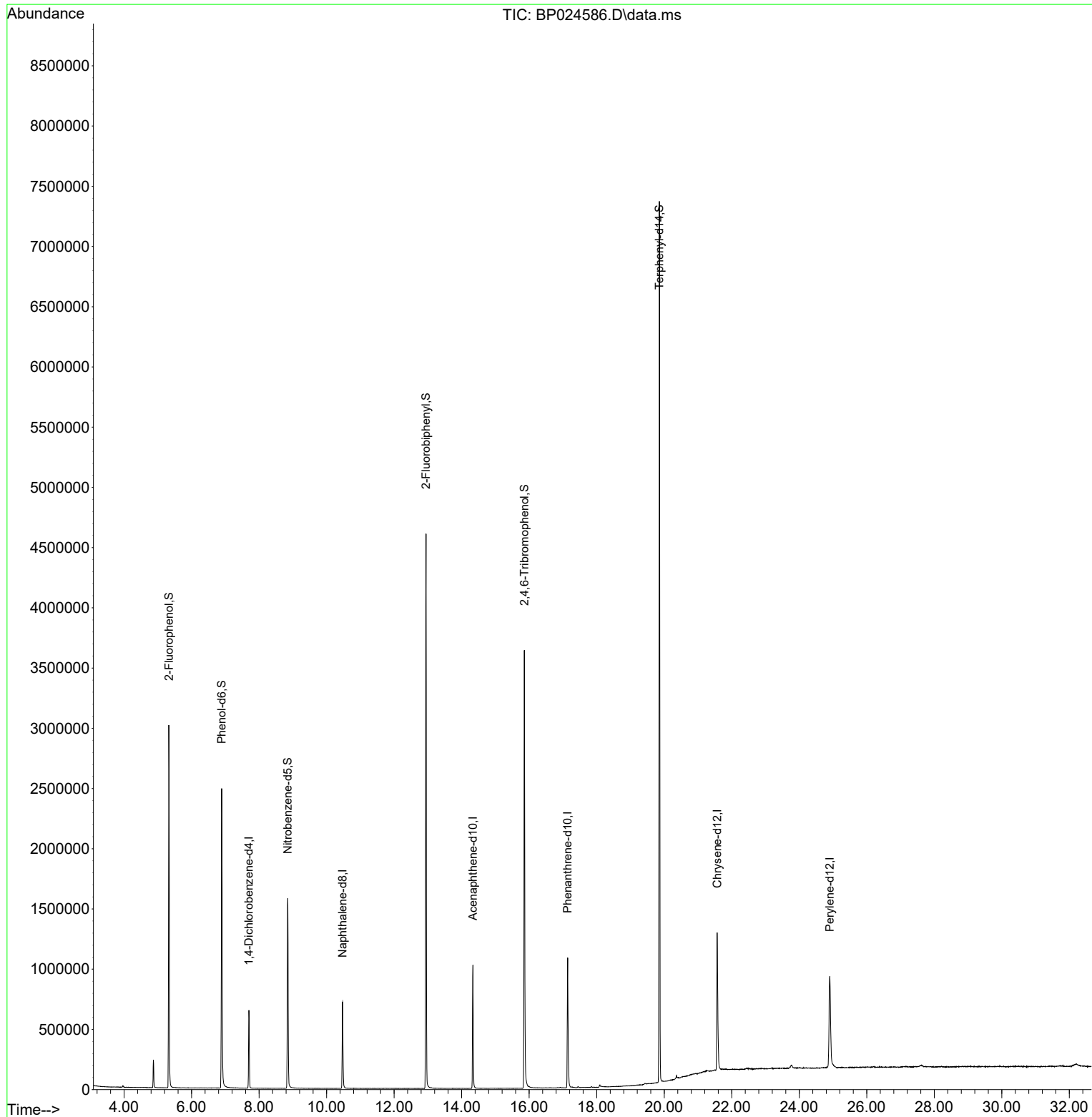
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

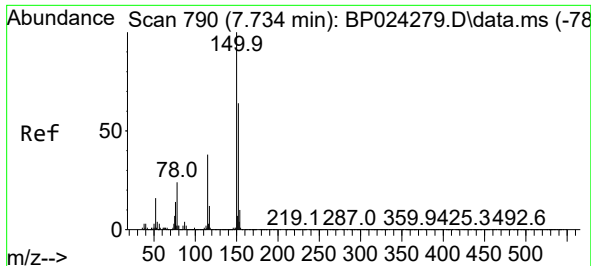
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050925\  
Data File : BP024586.D  
Acq On : 09 May 2025 11:38  
Operator : RC/JU  
Sample : PB167919BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB167919BL

Quant Time: May 09 13:21:15 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 09 12:07:46 2025  
Response via : Initial Calibration

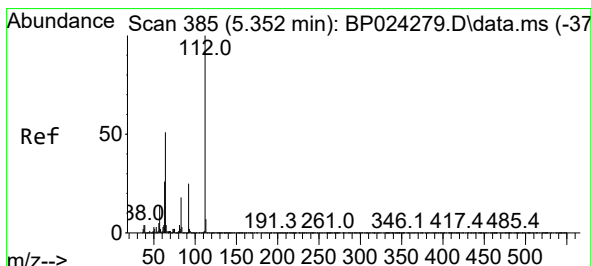
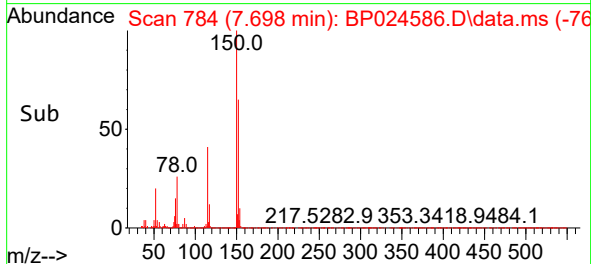
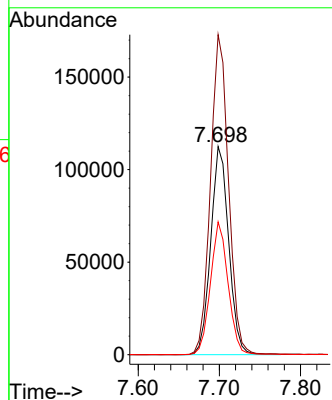
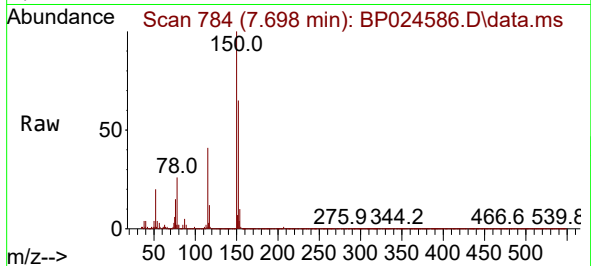




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.698 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP024586.D  
Acq: 09 May 2025 11:38

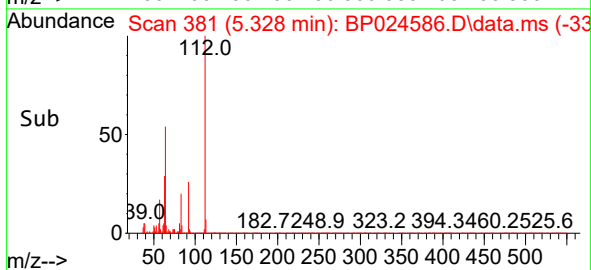
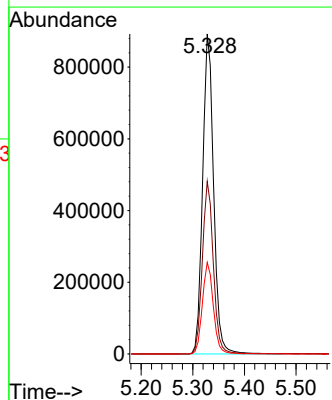
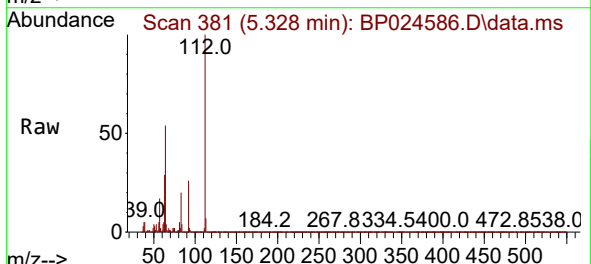
Instrument :  
BNA\_P  
ClientSampleId :  
PB167919BL

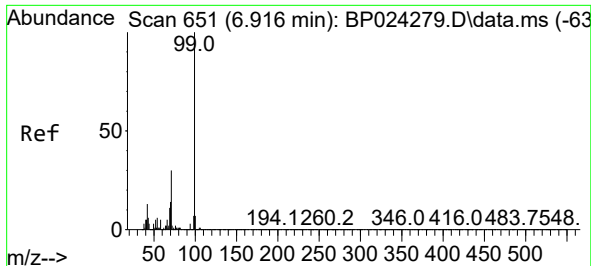
Tgt Ion:152 Resp: 172859  
Ion Ratio Lower Upper  
152 100  
150 153.7 124.9 187.3  
115 63.8 47.7 71.5



#5  
2-Fluorophenol  
Concen: 126.025 ng  
RT: 5.328 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: BP024586.D  
Acq: 09 May 2025 11:38

Tgt Ion:112 Resp: 1317517  
Ion Ratio Lower Upper  
112 100  
64 54.0 41.1 61.7  
63 28.6 20.6 30.8

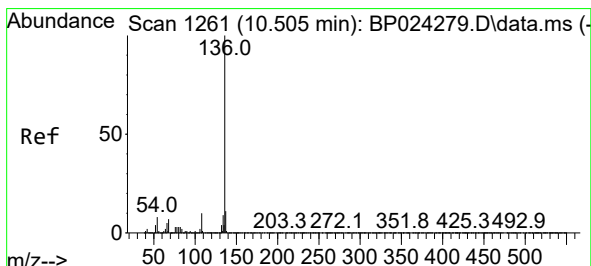
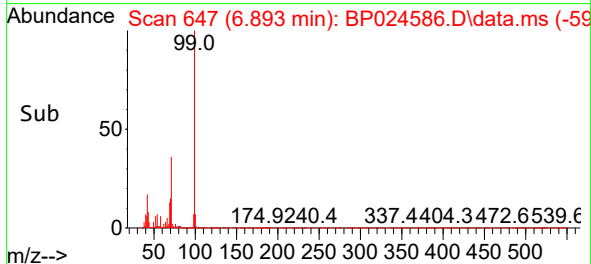
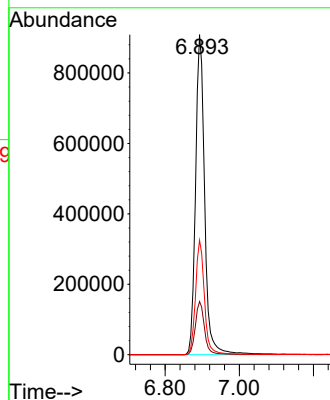
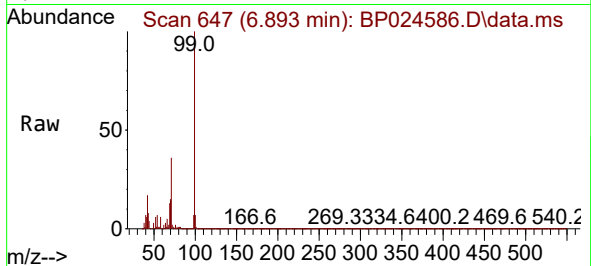




#7  
Phenol-d6  
Concen: 108.768 ng  
RT: 6.893 min Scan# 647  
Delta R.T. 0.000 min  
Lab File: BP024586.D  
Acq: 09 May 2025 11:38

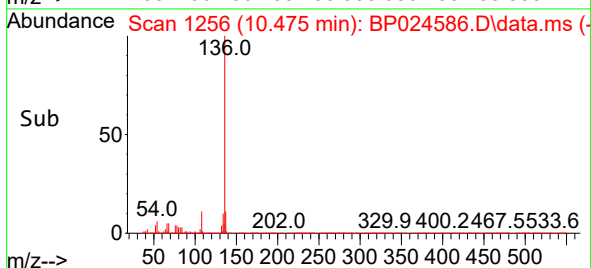
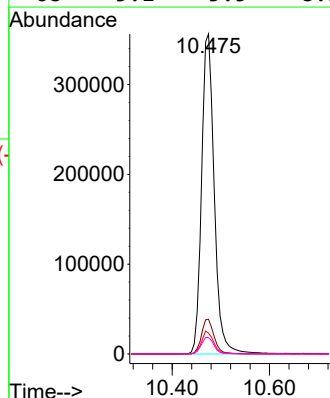
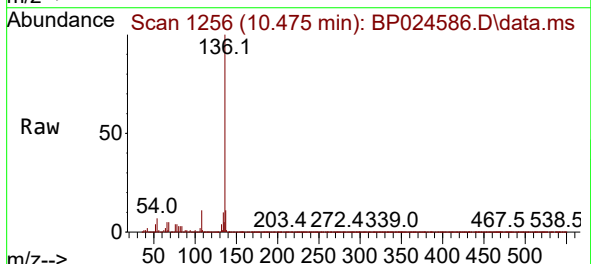
Instrument :  
BNA\_P  
ClientSampleId :  
PB167919BL

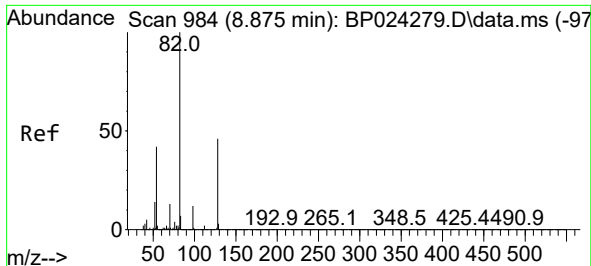
Tgt Ion: 99 Resp: 1557015  
Ion Ratio Lower Upper  
99 100  
42 16.6 10.6 16.0#  
71 35.7 23.7 35.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.475 min Scan# 1256  
Delta R.T. 0.006 min  
Lab File: BP024586.D  
Acq: 09 May 2025 11:38

Tgt Ion: 136 Resp: 644270  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.2 13.8  
54 6.5 6.0 9.0  
68 5.1 5.5 8.3#

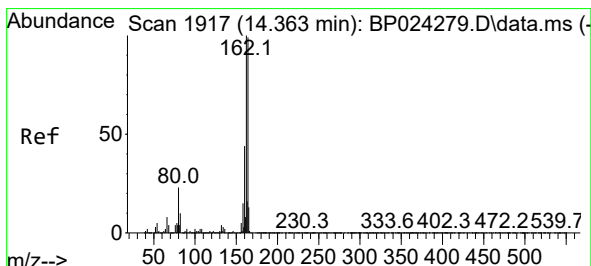
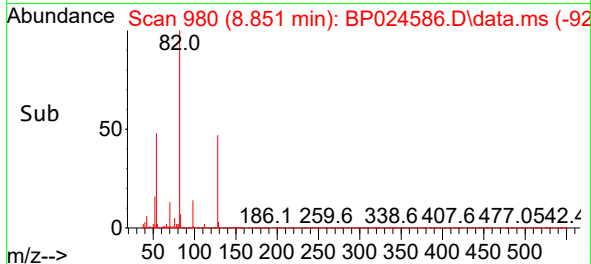
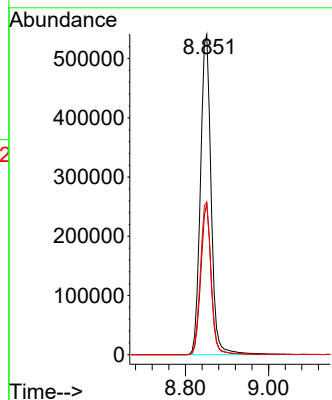
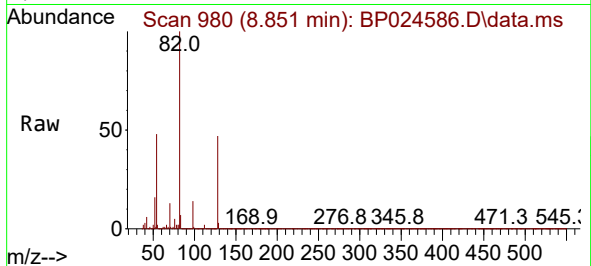




#23  
Nitrobenzene-d5  
Concen: 85.451 ng  
RT: 8.851 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BP024586.D  
Acq: 09 May 2025 11:38

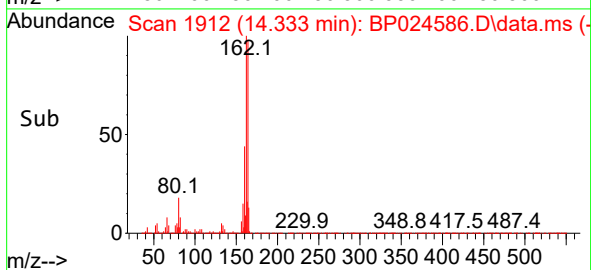
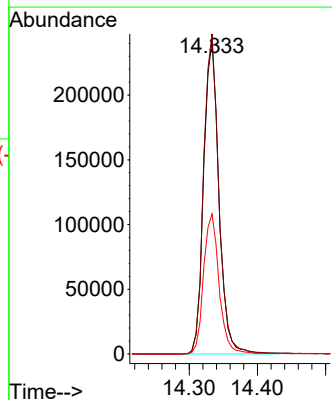
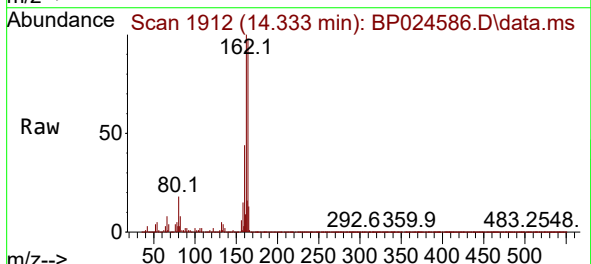
Instrument :  
BNA\_P  
ClientSampleId :  
PB167919BL

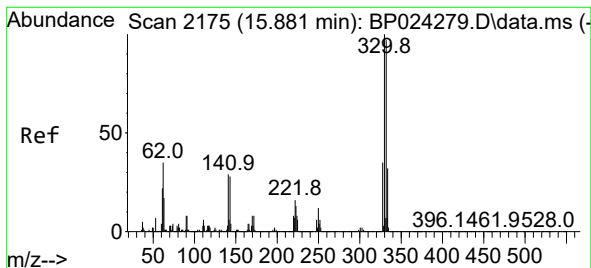
Tgt Ion: 82 Resp: 965497  
Ion Ratio Lower Upper  
82 100  
128 47.3 36.5 54.7  
54 47.6 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.333 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: BP024586.D  
Acq: 09 May 2025 11:38

Tgt Ion: 164 Resp: 376417  
Ion Ratio Lower Upper  
164 100  
162 102.3 80.6 120.8  
160 44.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 157.131 ng

RT: 15.857 min Scan# 2171

Delta R.T. 0.012 min

Lab File: BP024586.D

Acq: 09 May 2025 11:38

Instrument :

BNA\_P

ClientSampleId :

PB167919BL

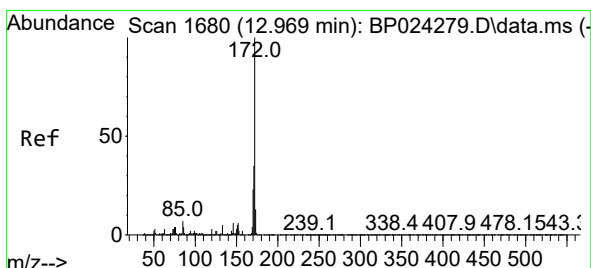
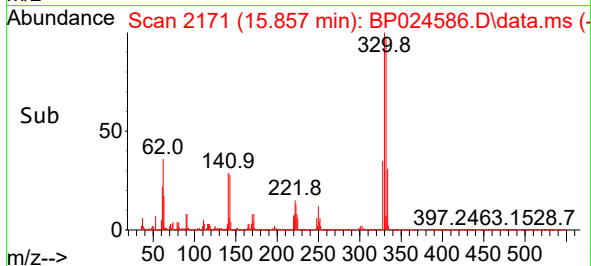
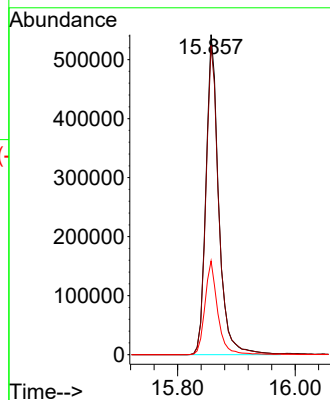
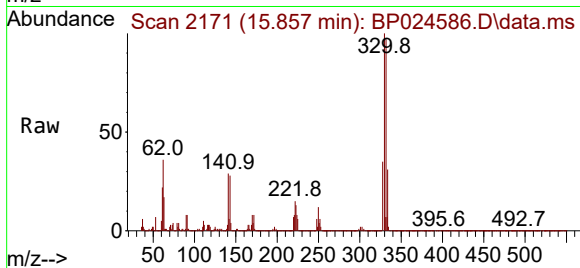
Tgt Ion:330 Resp: 818327

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 29.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 89.777 ng

RT: 12.945 min Scan# 1676

Delta R.T. 0.006 min

Lab File: BP024586.D

Acq: 09 May 2025 11:38

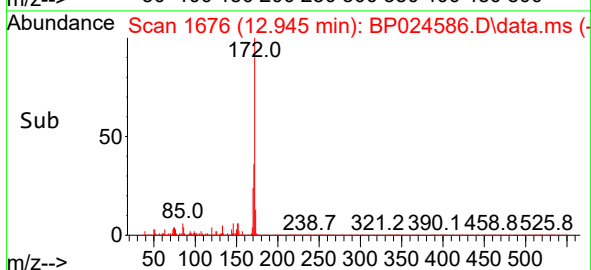
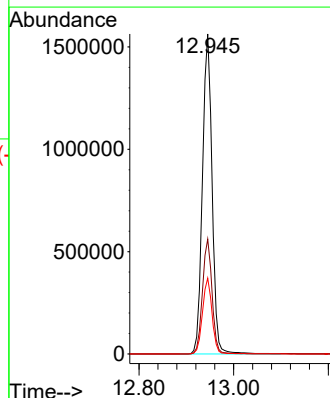
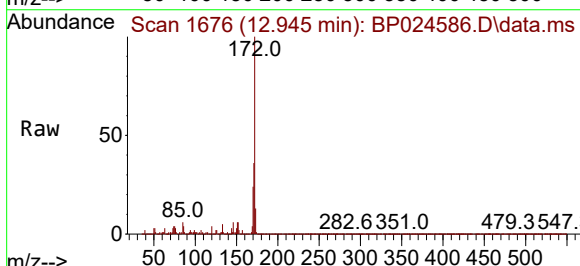
Tgt Ion:172 Resp: 2207134

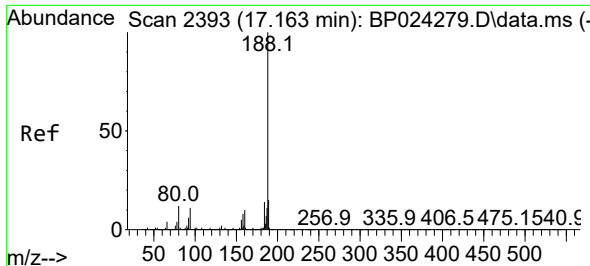
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.7 18.6 27.8

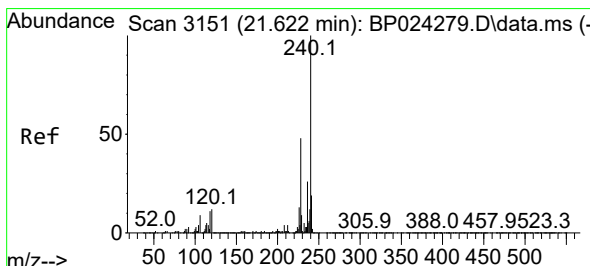
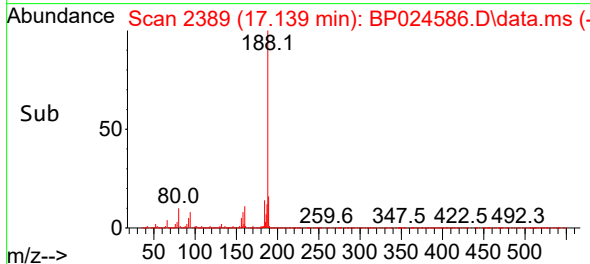
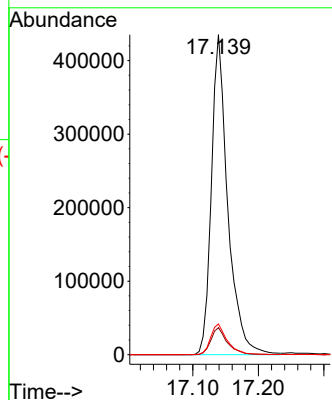
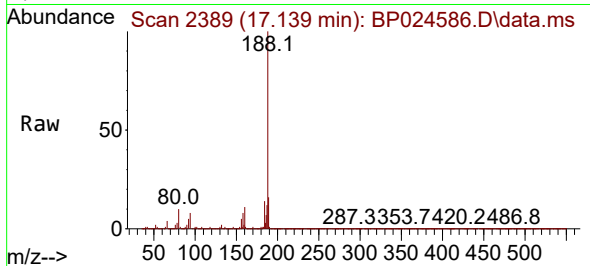




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.139 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BP024586.D  
Acq: 09 May 2025 11:38

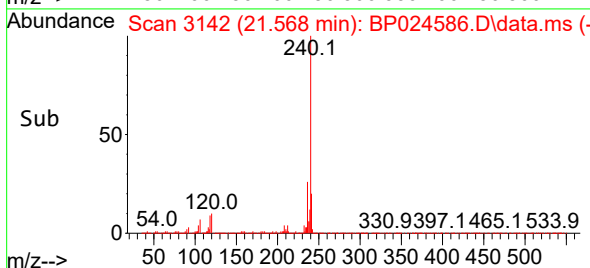
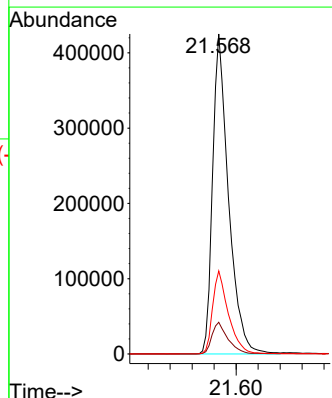
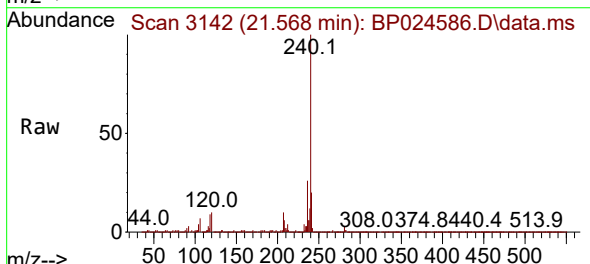
Instrument :  
BNA\_P  
ClientSampleId :  
PB167919BL

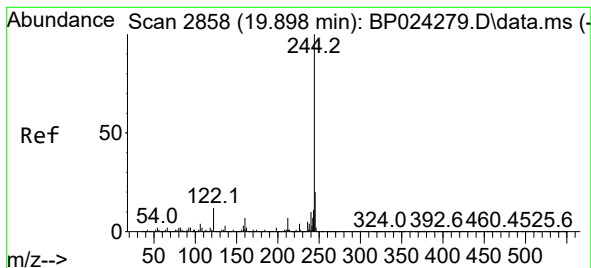
Tgt Ion:188 Resp: 754917  
Ion Ratio Lower Upper  
188 100  
94 8.4 8.6 13.0#  
80 9.6 9.8 14.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.568 min Scan# 3142  
Delta R.T. 0.000 min  
Lab File: BP024586.D  
Acq: 09 May 2025 11:38

Tgt Ion:240 Resp: 853005  
Ion Ratio Lower Upper  
240 100  
120 9.9 9.8 14.8  
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 91.496 ng

RT: 19.857 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024586.D

Acq: 09 May 2025 11:38

Instrument :

BNA\_P

ClientSampleId :

PB167919BL

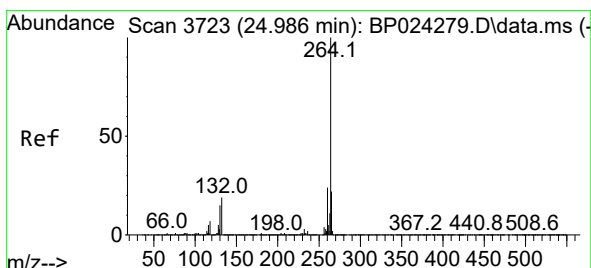
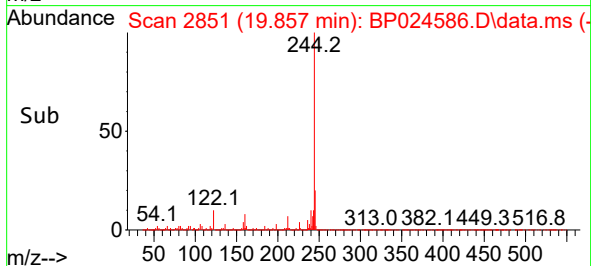
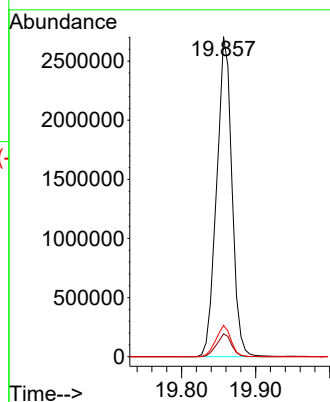
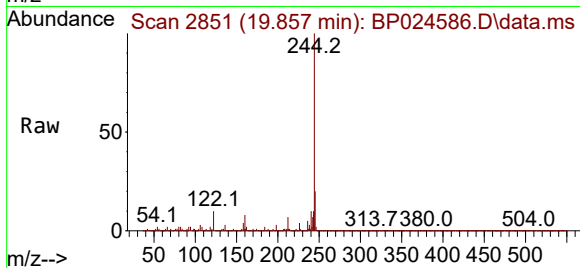
Tgt Ion:244 Resp: 3872041

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.8 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.903 min Scan# 3709

Delta R.T. 0.018 min

Lab File: BP024586.D

Acq: 09 May 2025 11:38

Tgt Ion:264 Resp: 961867

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.5 17.8 26.6

