

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025831.D  
 Acq On : 23 Sep 2025 15:55  
 Operator : CG/JU  
 Sample : Q3151-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 1402

Quant Time: Sep 23 16:21:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

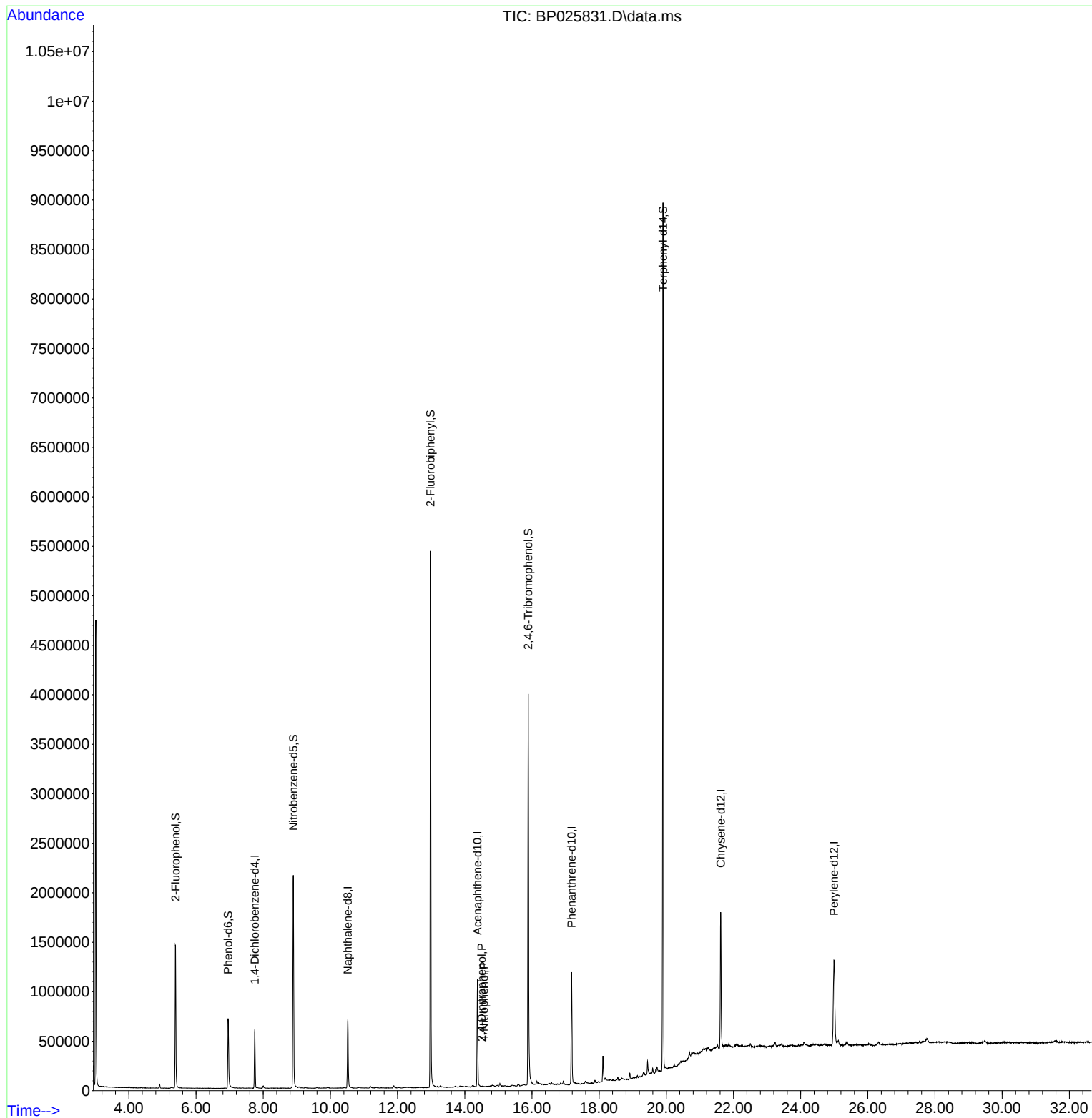
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|---------|-------|------------|
| -----                       |        |      |          |         |       |            |
| Internal Standards          |        |      |          |         |       |            |
| 1) 1,4-Dichlorobenzene-d4   | 7.749  | 152  | 161128   | 20.000  | ng    | -0.01      |
| 21) Naphthalene-d8          | 10.519 | 136  | 614529   | 20.000  | ng    | 0.00       |
| 39) Acenaphthene-d10        | 14.378 | 164  | 399088   | 20.000  | ng    | 0.00       |
| 64) Phenanthrene-d10        | 17.178 | 188  | 812371   | 20.000  | ng    | 0.00       |
| 76) Chrysene-d12            | 21.619 | 240  | 915340   | 20.000  | ng    | -0.02      |
| 86) Perylene-d12            | 24.995 | 264  | 1029818  | 20.000  | ng    | 0.00       |
| System Monitoring Compounds |        |      |          |         |       |            |
| 5) 2-Fluorophenol           | 5.390  | 112  | 657343   | 65.827  | ng    | 0.00       |
| 7) Phenol-d6                | 6.955  | 99   | 469835   | 35.397  | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 8.896  | 82   | 1324223  | 95.053  | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol    | 15.889 | 330  | 820773   | 164.886 | ng    | -0.02      |
| 45) 2-Fluorobiphenyl        | 12.978 | 172  | 2859942  | 95.418  | ng    | -0.01      |
| 79) Terphenyl-d14           | 19.901 | 244  | 4731993  | 93.001  | ng    | -0.01      |
| Target Compounds            |        |      |          |         |       |            |
| 54) 2,4-Dinitrophenol       | 14.507 | 184  | 50       | 4.836   | ng    | Qvalue # 1 |
| 56) 4-Nitrophenol           | 14.572 | 139  | 168      | 4.509   | ng    | 90         |
| -----                       |        |      |          |         |       |            |

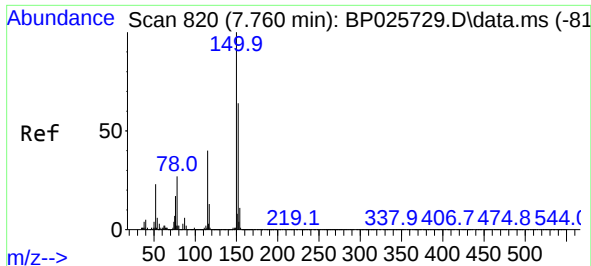
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
Data File : BP025831.D  
Acq On : 23 Sep 2025 15:55  
Operator : CG/JU  
Sample : Q3151-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
1402

Quant Time: Sep 23 16:21:18 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

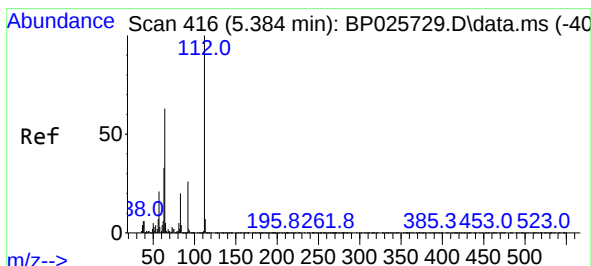
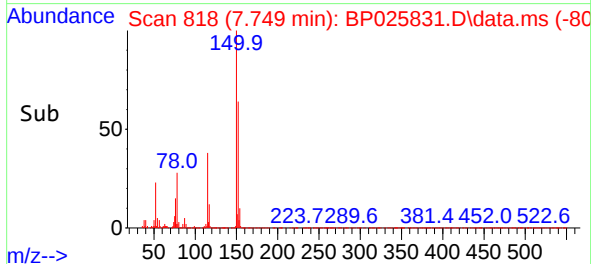
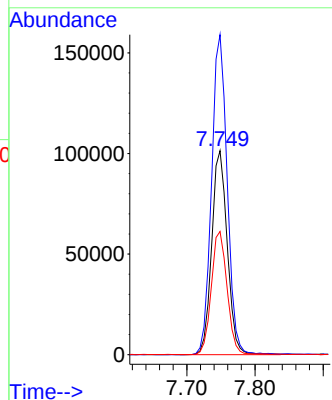
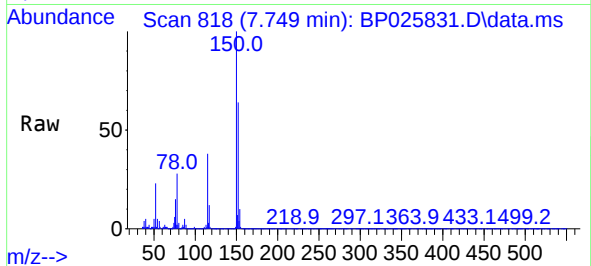




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.749 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

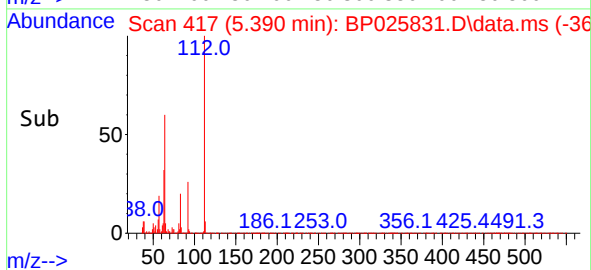
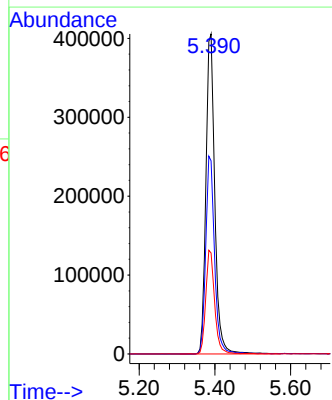
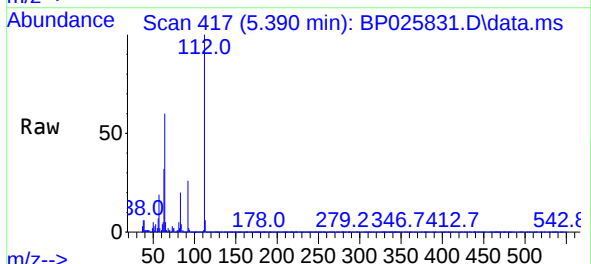
Instrument :  
BNA\_P  
ClientSampleId :  
1402

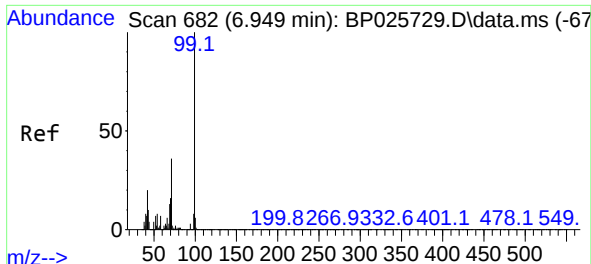
Tgt Ion:152 Resp: 161128  
Ion Ratio Lower Upper  
152 100  
150 156.8 124.3 186.5  
115 60.4 50.3 75.5



#5  
2-Fluorophenol  
Concen: 65.827 ng  
RT: 5.390 min Scan# 417  
Delta R.T. 0.006 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

Tgt Ion:112 Resp: 657343  
Ion Ratio Lower Upper  
112 100  
64 60.4 50.2 75.4  
63 31.6 26.7 40.1

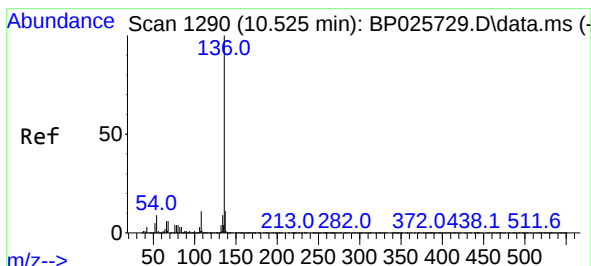
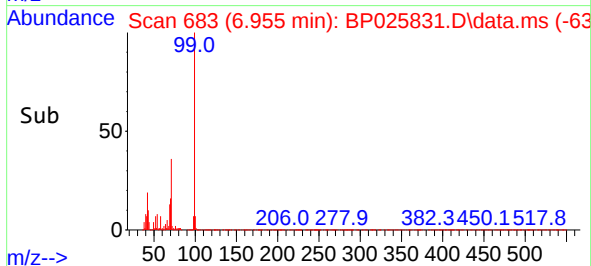
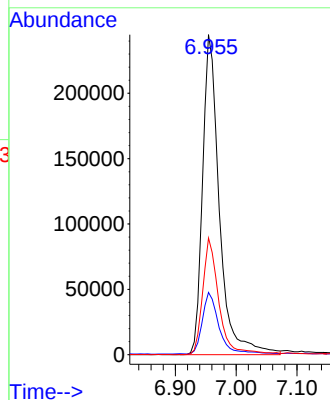
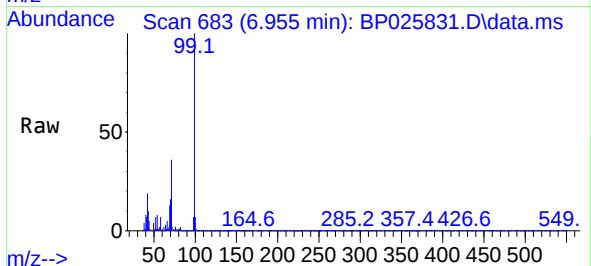




#7  
Phenol-d6  
Concen: 35.397 ng  
RT: 6.955 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

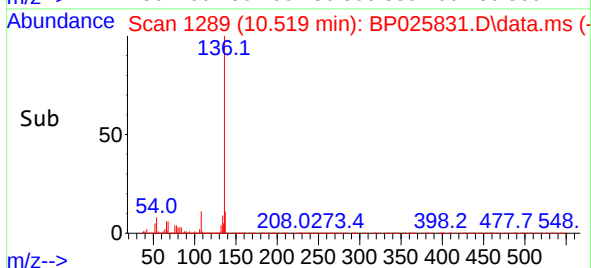
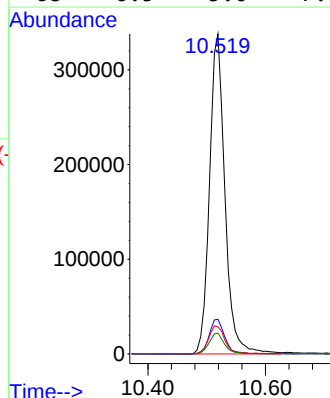
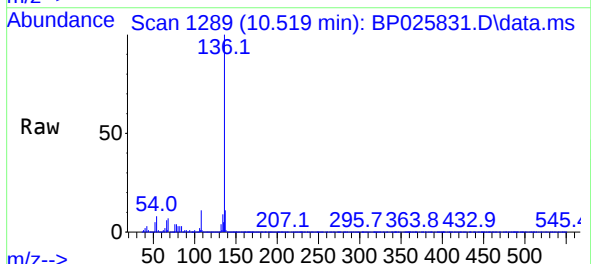
Instrument :  
BNA\_P  
ClientSampleId :  
1402

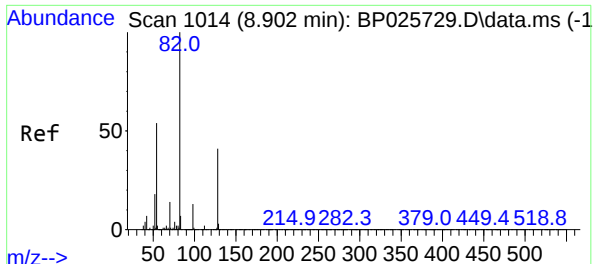
Tgt Ion: 99 Resp: 469835  
Ion Ratio Lower Upper  
99 100  
42 19.5 15.6 23.4  
71 36.5 28.6 43.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.519 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

Tgt Ion: 136 Resp: 614529  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 8.5 7.5 11.3  
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 95.053 ng

RT: 8.896 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BP025831.D

Acq: 23 Sep 2025 15:55

Instrument :

BNA\_P

ClientSampleId :

1402

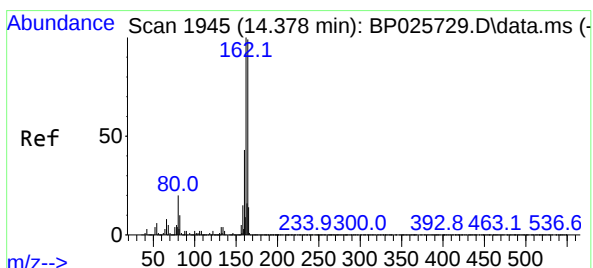
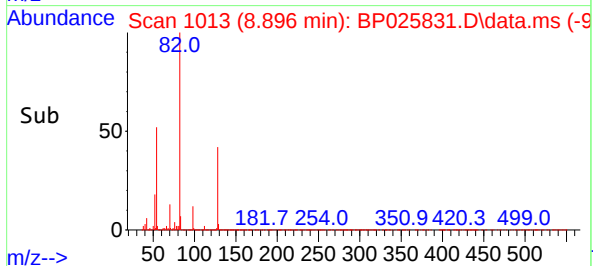
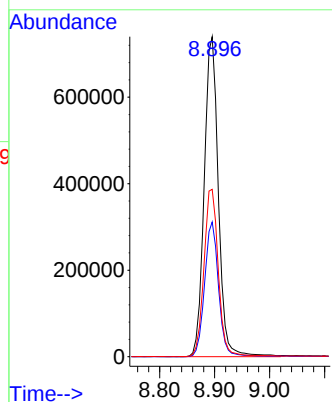
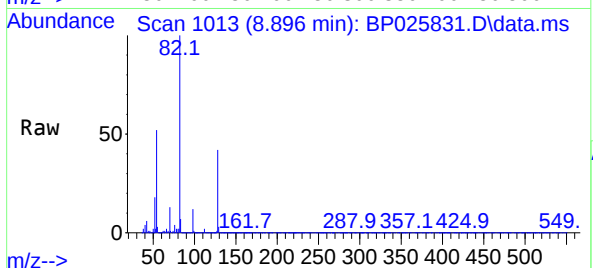
Tgt Ion: 82 Resp: 1324223

Ion Ratio Lower Upper

82 100

128 42.1 32.9 49.3

54 52.3 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.378 min Scan# 1945

Delta R.T. -0.000 min

Lab File: BP025831.D

Acq: 23 Sep 2025 15:55

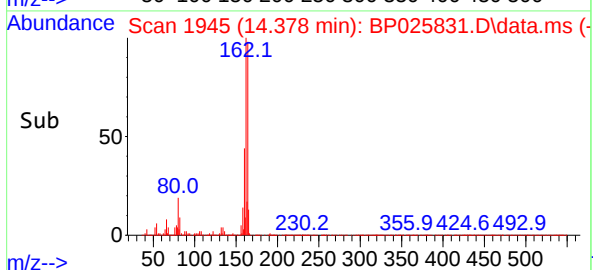
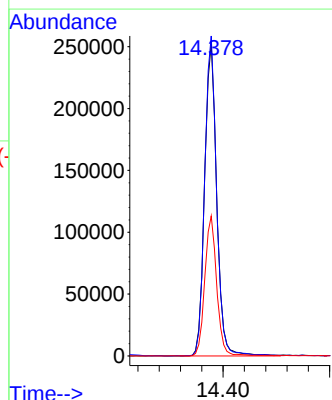
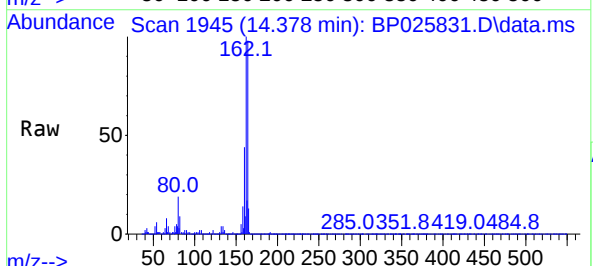
Tgt Ion:164 Resp: 399088

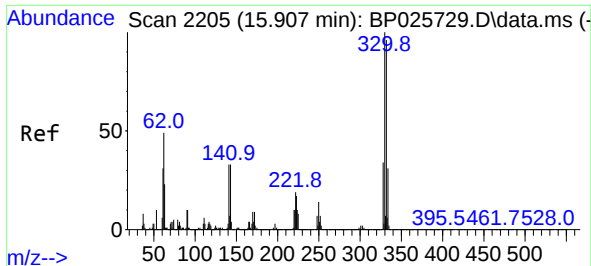
Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

160 44.8 35.0 52.6

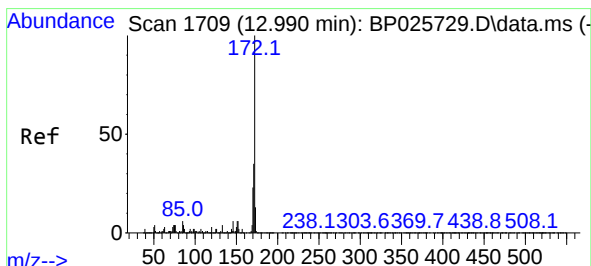
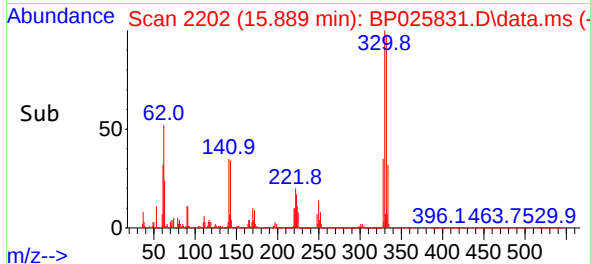
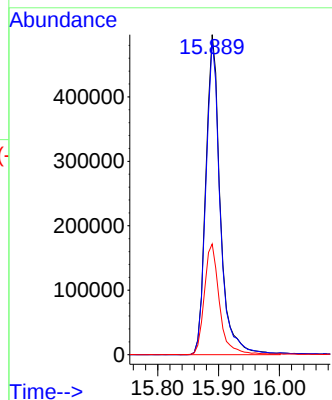
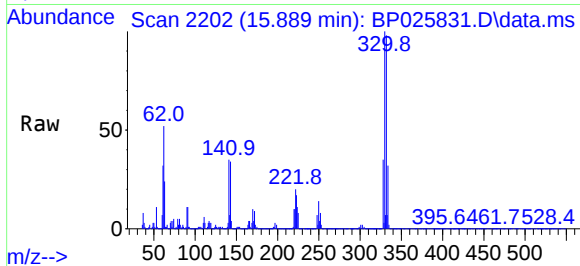




#42  
2,4,6-Tribromophenol  
Concen: 164.886 ng  
RT: 15.889 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

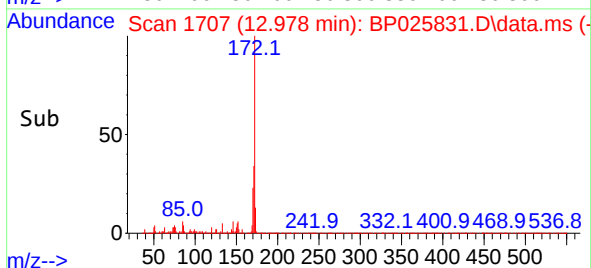
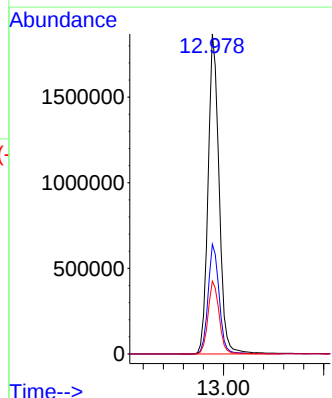
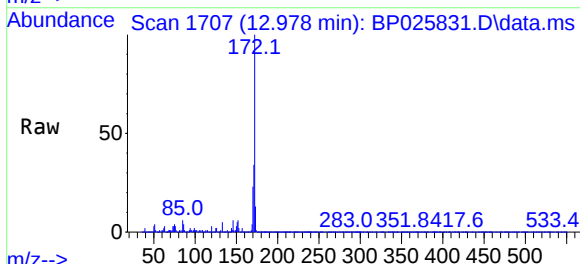
Instrument :  
BNA\_P  
ClientSampleId :  
1402

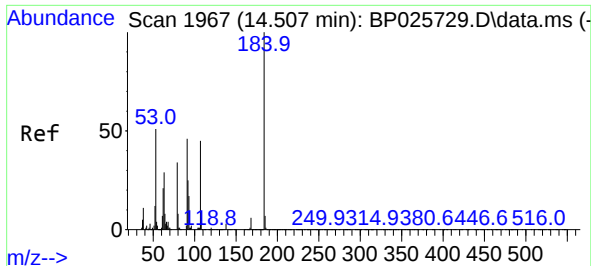
Tgt Ion:330 Resp: 820773  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.9 115.3  
141 36.1 31.0 46.4



#45  
2-Fluorobiphenyl  
Concen: 95.418 ng  
RT: 12.978 min Scan# 1707  
Delta R.T. -0.012 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

Tgt Ion:172 Resp: 2859942  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.8 41.6  
170 22.8 18.6 27.8

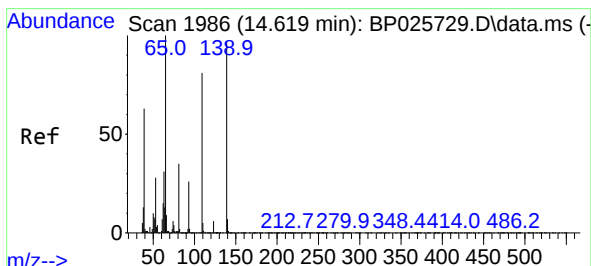
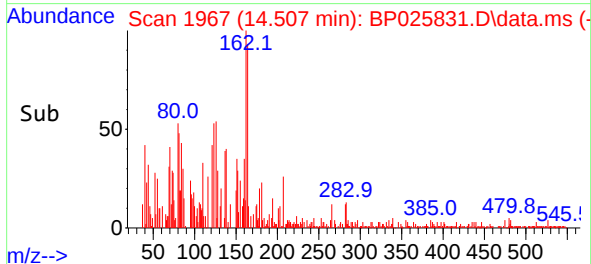
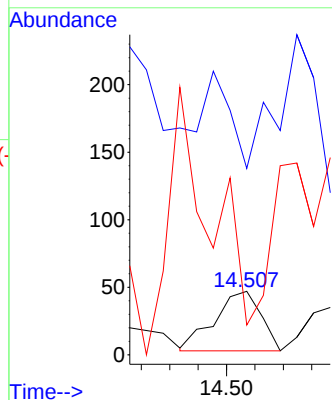
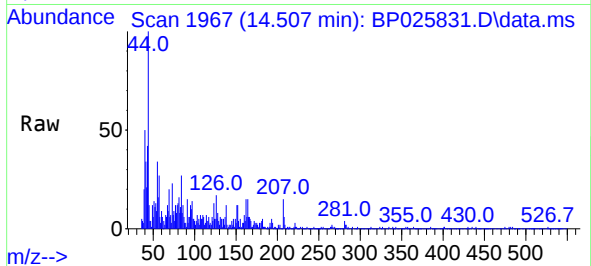




#54  
2,4-Dinitrophenol  
Concen: 4.836 ng  
RT: 14.507 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

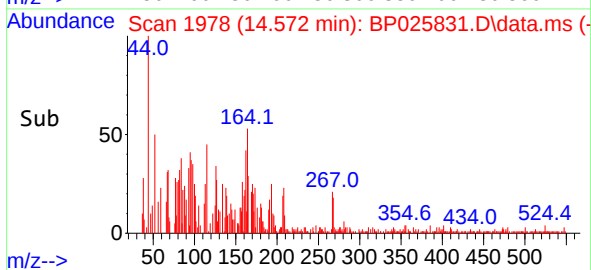
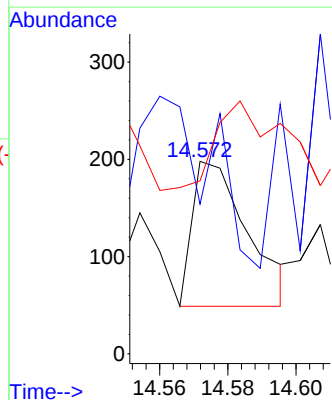
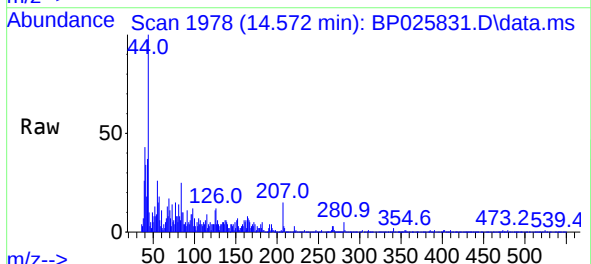
Instrument :  
BNA\_P  
ClientSampleId :  
1402

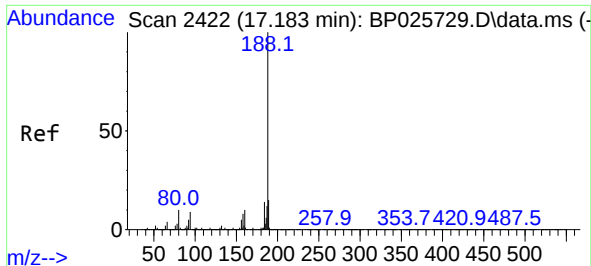
Tgt Ion:184 Resp: 50  
Ion Ratio Lower Upper  
184 100  
63 293.6 52.5 78.7#  
154 46.8 51.5 77.3#



#56  
4-Nitrophenol  
Concen: 4.509 ng  
RT: 14.572 min Scan# 1978  
Delta R.T. -0.047 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

Tgt Ion:139 Resp: 168  
Ion Ratio Lower Upper  
139 100  
109 77.8 62.9 102.9  
65 89.9 83.4 123.4

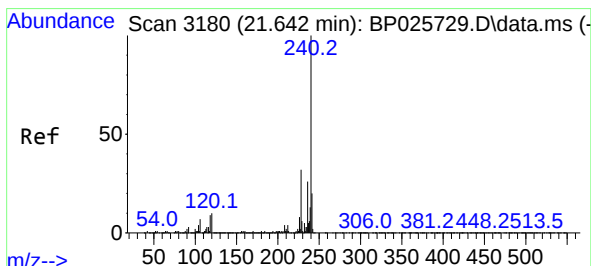
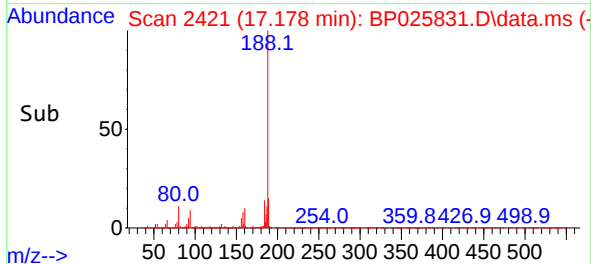
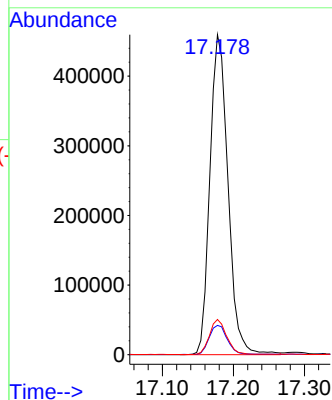
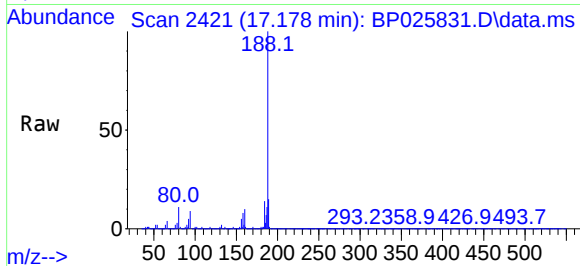




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.178 min Scan# 2422  
Delta R.T. -0.006 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

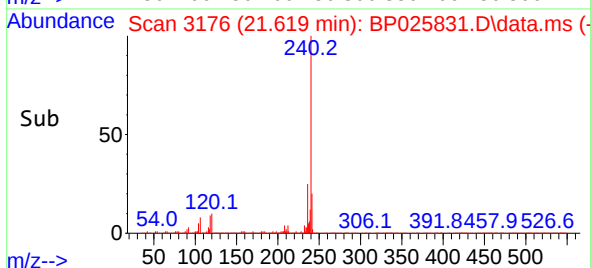
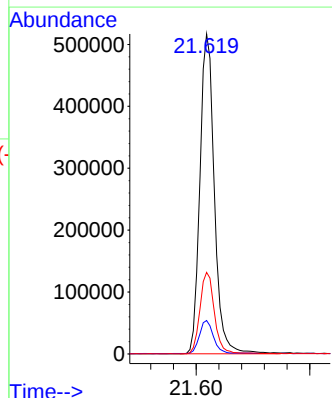
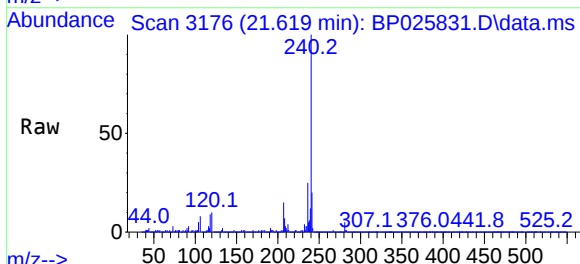
Instrument :  
BNA\_P  
ClientSampleId :  
1402

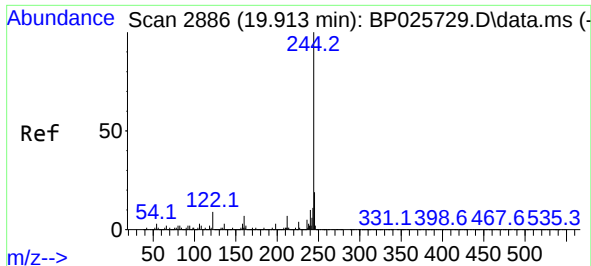
Tgt Ion:188 Resp: 812371  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.4 11.0  
80 11.0 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.619 min Scan# 3176  
Delta R.T. -0.024 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

Tgt Ion:240 Resp: 915340  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.0 12.0  
236 25.5 20.7 31.1

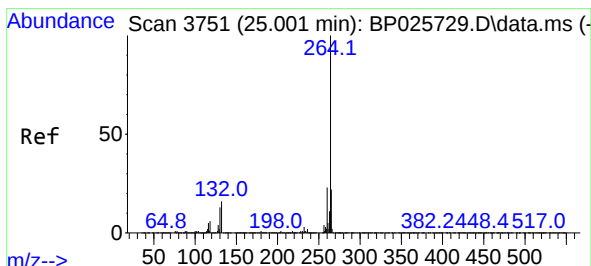
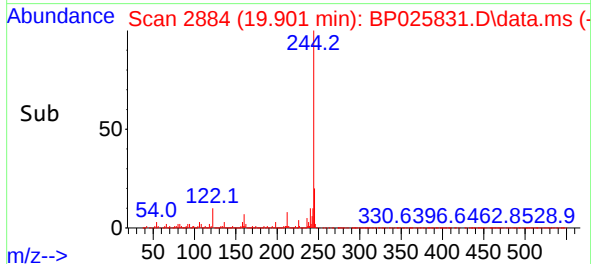
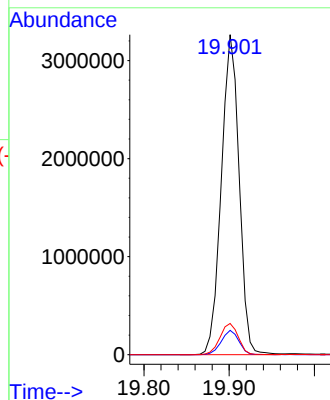
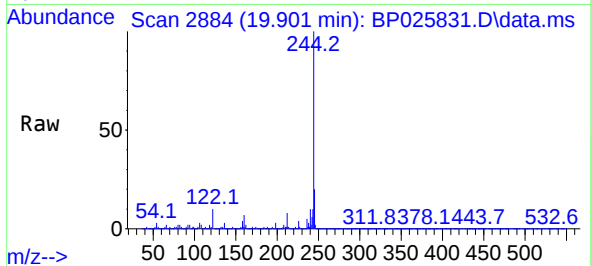




#79  
Terphenyl-d14  
Concen: 93.001 ng  
RT: 19.901 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

Instrument :  
BNA\_P  
ClientSampleId :  
1402

Tgt Ion:244 Resp: 4731993  
Ion Ratio Lower Upper  
244 100  
212 7.6 5.9 8.9  
122 9.7 7.1 10.7



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.995 min Scan# 3750  
Delta R.T. -0.006 min  
Lab File: BP025831.D  
Acq: 23 Sep 2025 15:55

Tgt Ion:264 Resp: 1029818  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.3 27.5  
265 22.2 17.3 25.9

