

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040925\  
 Data File : BP024233.D  
 Acq On : 09 Apr 2025 13:37  
 Operator : RC/JU  
 Sample : Q1737-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RT3069

Quant Time: Apr 09 14:03:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 05:55:58 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.740  | 152  | 275079   | 20.000  | ng    | -0.03    |
| 21) Naphthalene-d8          | 10.516 | 136  | 1080289  | 20.000  | ng    | -0.04    |
| 39) Acenaphthene-d10        | 14.375 | 164  | 658291   | 20.000  | ng    | -0.03    |
| 64) Phenanthrene-d10        | 17.192 | 188  | 1328399  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.633 | 240  | 1400421  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 25.004 | 264  | 1555170  | 20.000  | ng    | -0.05    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.358  | 112  | 2407397  | 139.701 | ng    | -0.02    |
| 7) Phenol-d6                | 6.922  | 99   | 2770654  | 120.232 | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 8.887  | 82   | 1932536  | 100.932 | ng    | -0.04    |
| 42) 2,4,6-Tribromophenol    | 15.904 | 330  | 1355013  | 163.412 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.987 | 172  | 4133285  | 92.583  | ng    | -0.03    |
| 79) Terphenyl-d14           | 19.927 | 244  | 6731845  | 99.228  | ng    | 0.00     |

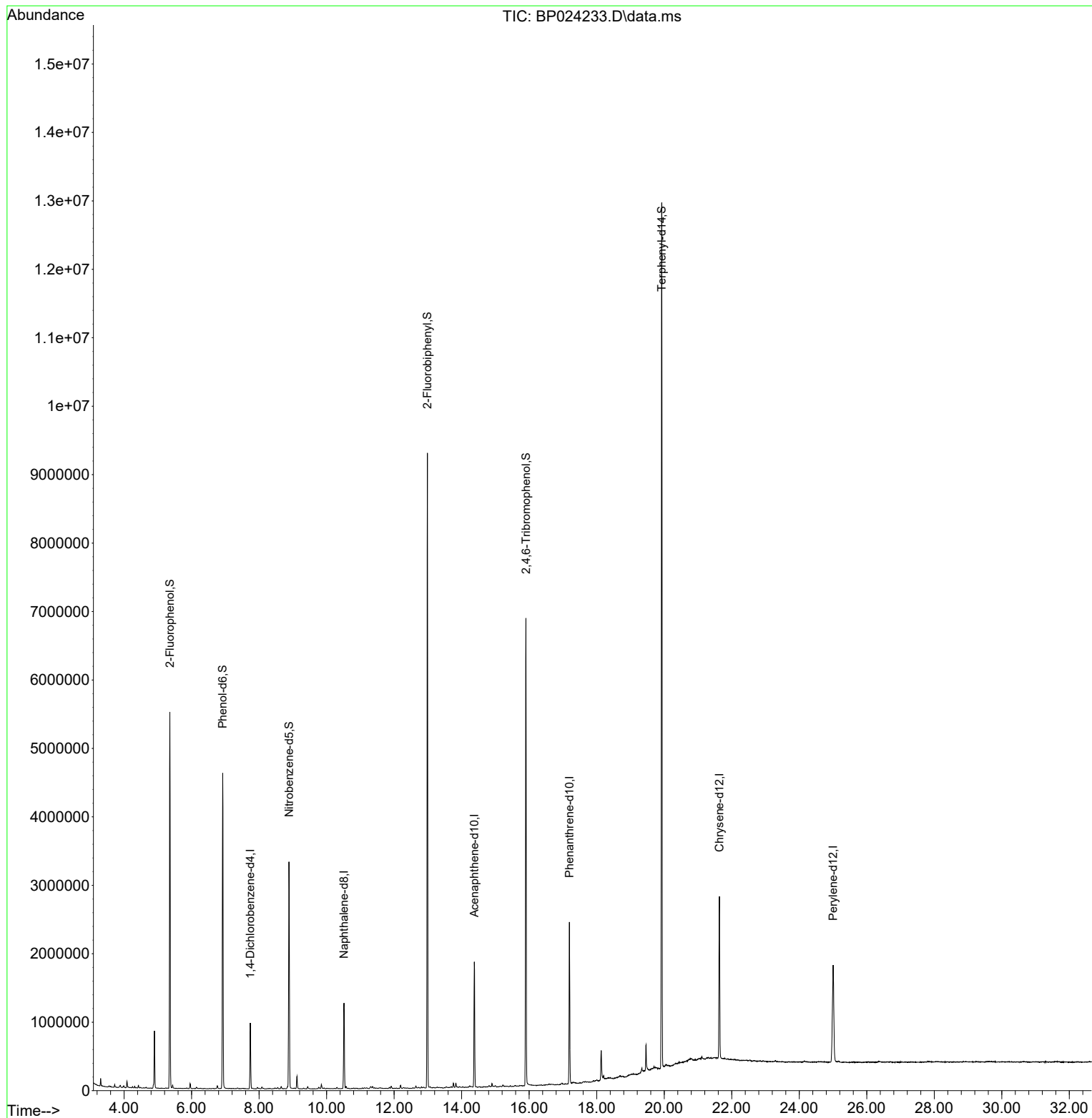
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

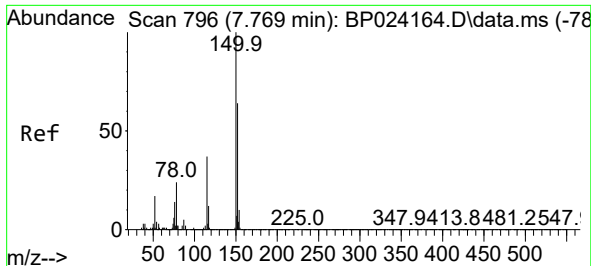
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 09 14:03:18 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 13 05:55:58 2025  
Response via : Initial Calibration

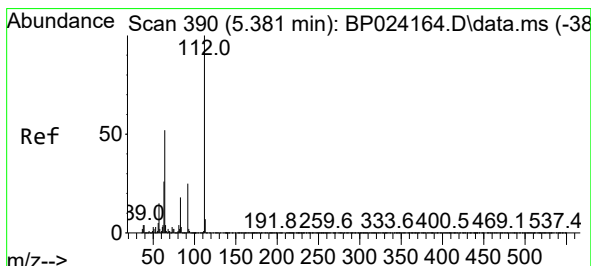
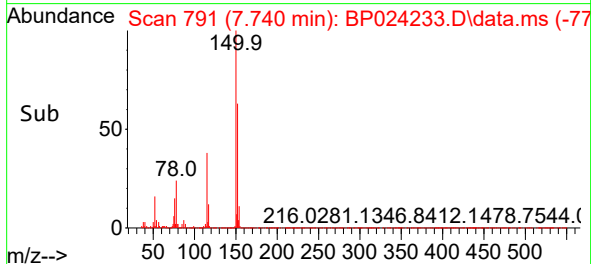
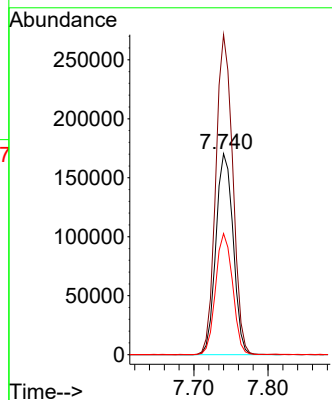
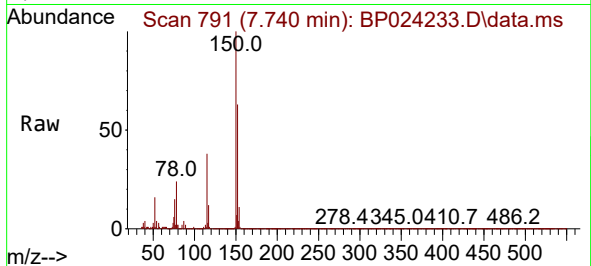




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 796  
Delta R.T. -0.029 min  
Lab File: BP024233.D  
Acq: 09 Apr 2025 13:37

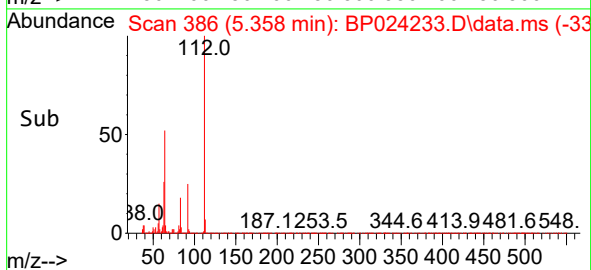
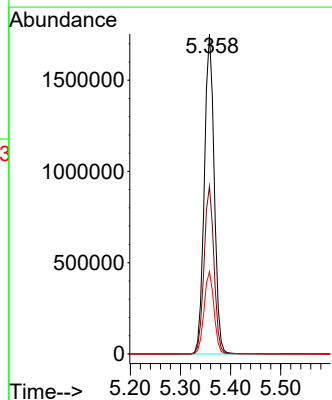
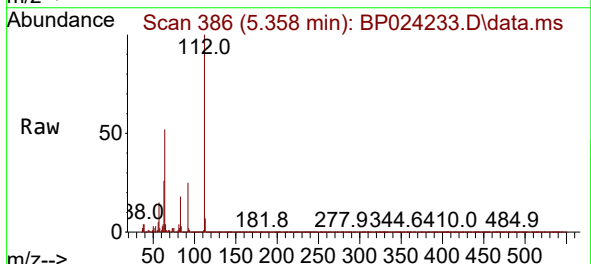
Instrument :  
BNA\_P  
ClientSampleId :  
RT3069

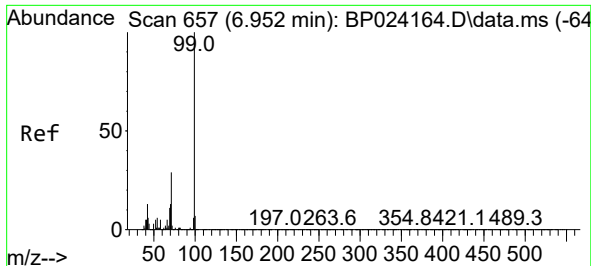
Tgt Ion:152 Resp: 275079  
Ion Ratio Lower Upper  
152 100  
150 159.2 125.5 188.3  
115 60.2 46.3 69.5



#5  
2-Fluorophenol  
Concen: 139.701 ng  
RT: 5.358 min Scan# 386  
Delta R.T. -0.024 min  
Lab File: BP024233.D  
Acq: 09 Apr 2025 13:37

Tgt Ion:112 Resp: 2407397  
Ion Ratio Lower Upper  
112 100  
64 52.4 41.3 61.9  
63 25.7 20.6 31.0

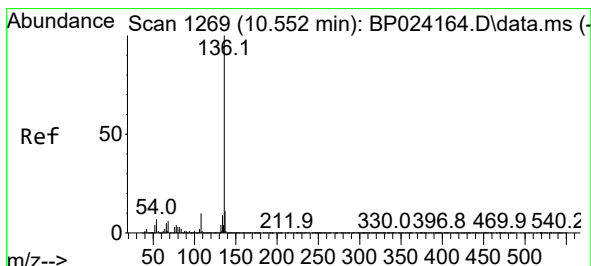
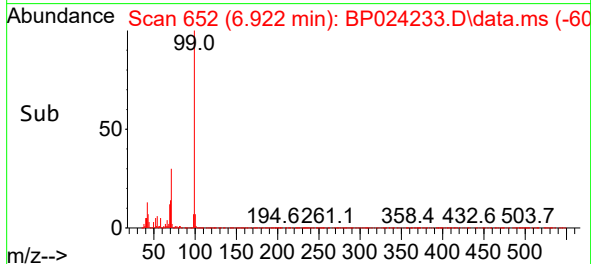
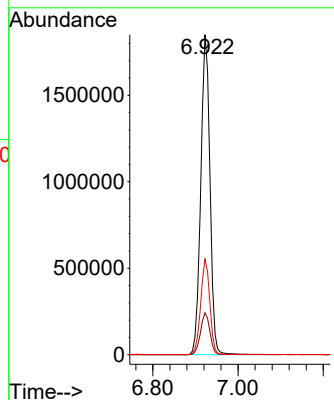
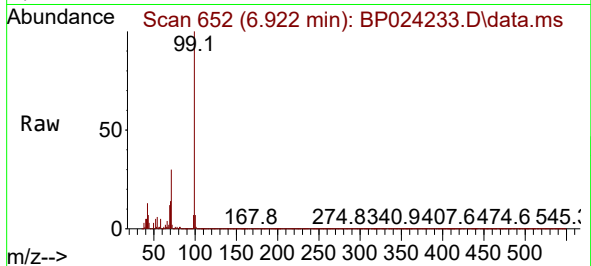




#7  
Phenol-d6  
Concen: 120.232 ng  
RT: 6.922 min Scan# 61  
Delta R.T. -0.029 min  
Lab File: BP024233.D  
Acq: 09 Apr 2025 13:37

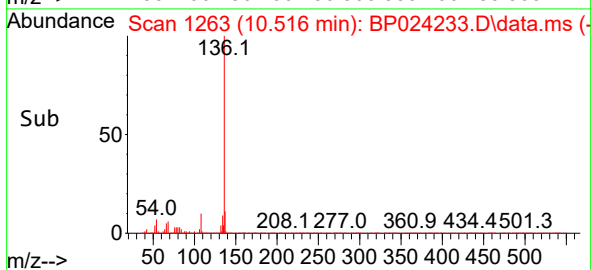
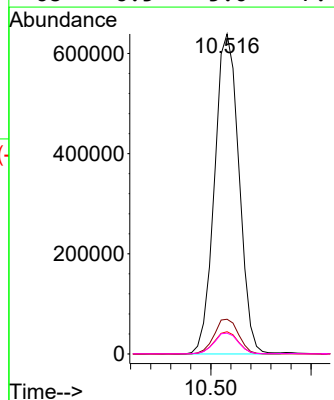
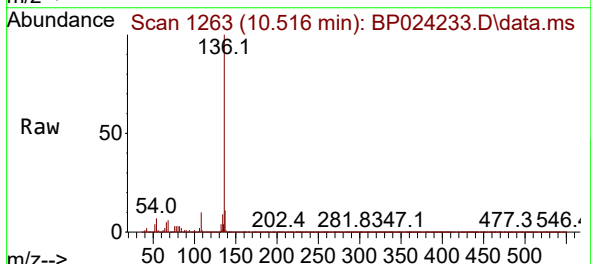
Instrument :  
BNA\_P  
ClientSampleId :  
RT3069

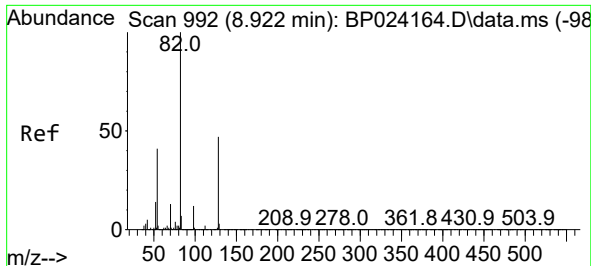
Tgt Ion: 99 Resp: 2770654  
Ion Ratio Lower Upper  
99 100  
42 13.1 10.6 16.0  
71 29.8 23.3 34.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.516 min Scan# 1263  
Delta R.T. -0.035 min  
Lab File: BP024233.D  
Acq: 09 Apr 2025 13:37

Tgt Ion:136 Resp: 1080289  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.4  
54 6.9 5.3 7.9  
68 6.5 5.0 7.4

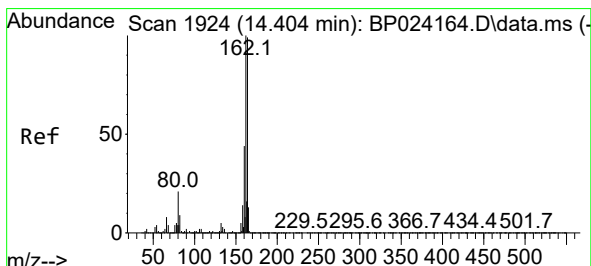
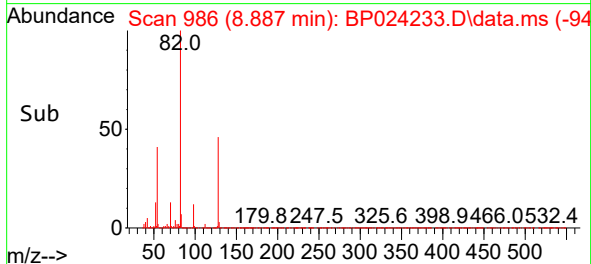
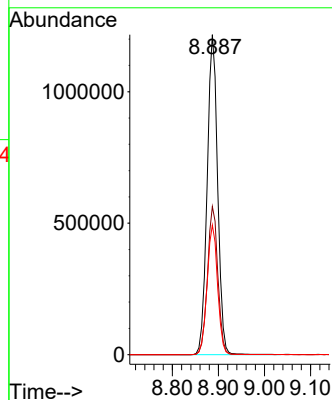
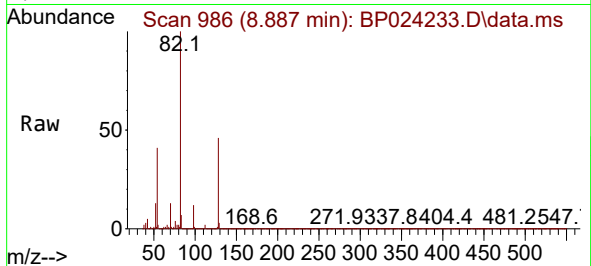




#23  
Nitrobenzene-d5  
Concen: 100.932 ng  
RT: 8.887 min Scan# 91  
Delta R.T. -0.035 min  
Lab File: BP024233.D  
Acq: 09 Apr 2025 13:37

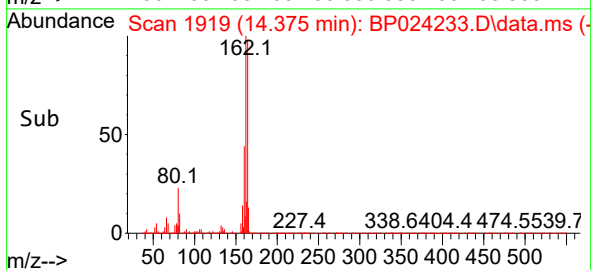
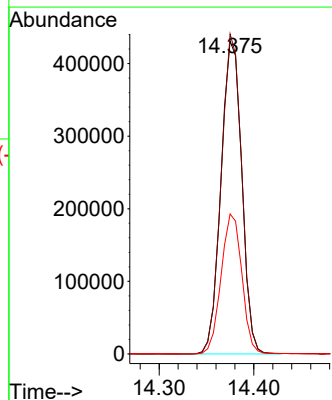
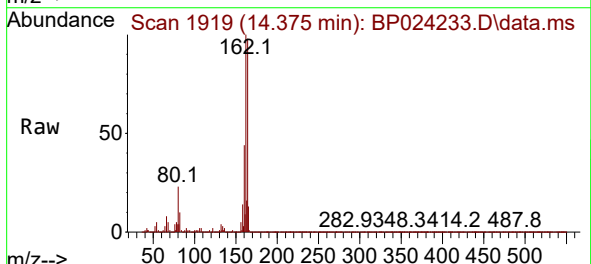
Instrument :  
BNA\_P  
ClientSampleId :  
RT3069

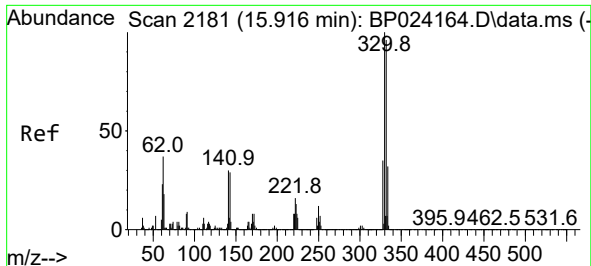
Tgt Ion: 82 Resp: 1932536  
Ion Ratio Lower Upper  
82 100  
128 46.3 37.4 56.0  
54 40.5 32.5 48.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.375 min Scan# 1919  
Delta R.T. -0.029 min  
Lab File: BP024233.D  
Acq: 09 Apr 2025 13:37

Tgt Ion:164 Resp: 658291  
Ion Ratio Lower Upper  
164 100  
162 102.2 80.6 121.0  
160 44.7 35.4 53.2

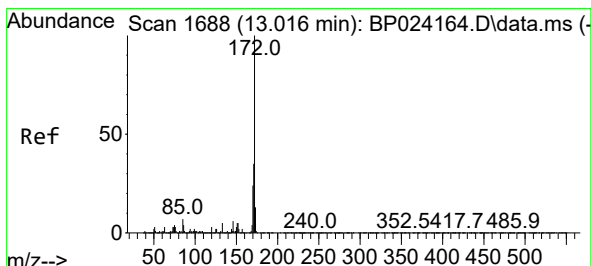
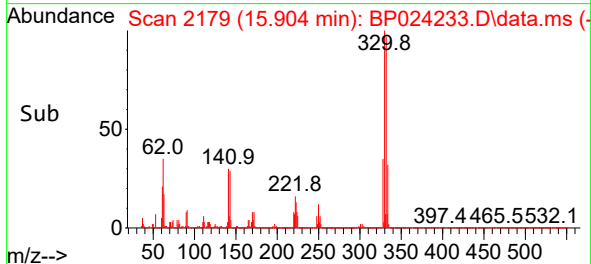
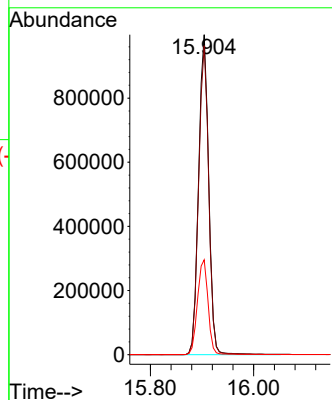
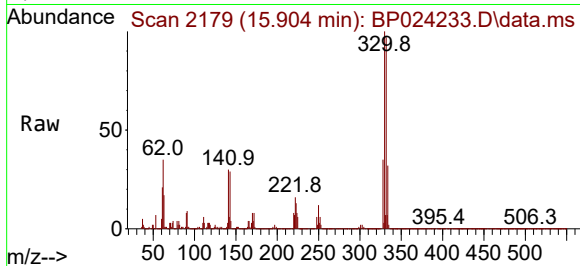




#42  
2,4,6-Tribromophenol  
Concen: 163.412 ng  
RT: 15.904 min Scan# 2181  
Delta R.T. -0.012 min  
Lab File: BP024233.D  
Acq: 09 Apr 2025 13:37

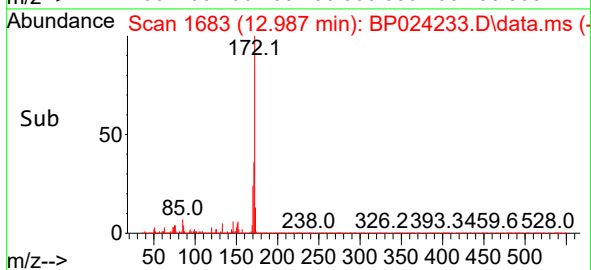
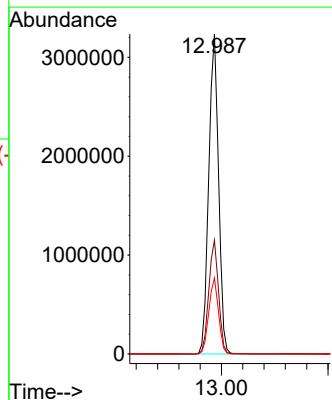
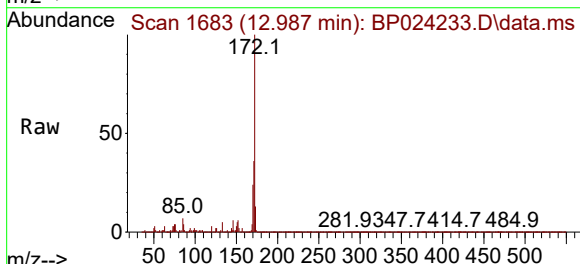
Instrument :  
BNA\_P  
ClientSampleId :  
RT3069

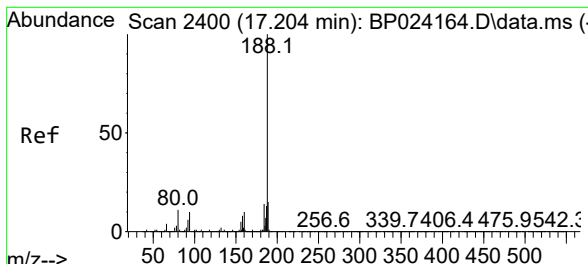
Tgt Ion:330 Resp: 1355013  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.6 116.4  
141 31.0 25.0 37.6



#45  
2-Fluorobiphenyl  
Concen: 92.583 ng  
RT: 12.987 min Scan# 1683  
Delta R.T. -0.029 min  
Lab File: BP024233.D  
Acq: 09 Apr 2025 13:37

Tgt Ion:172 Resp: 4133285  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.3 42.5  
170 23.7 19.0 28.4



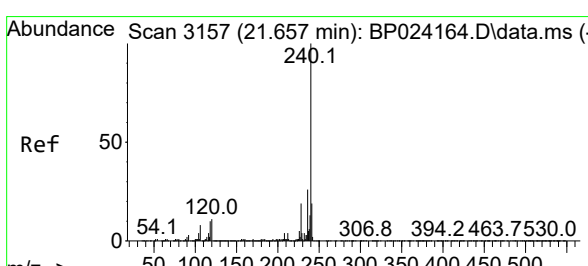
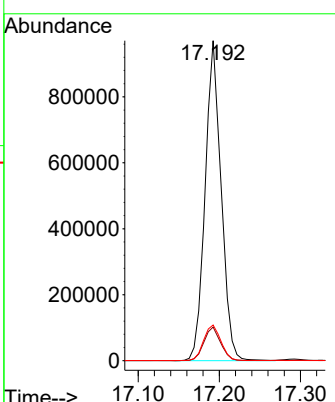
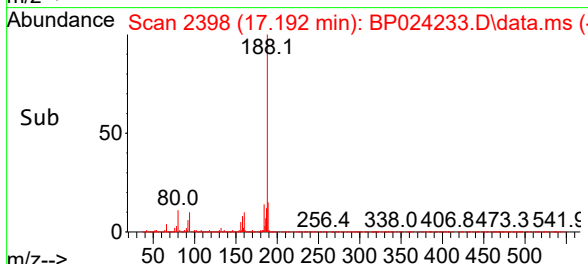
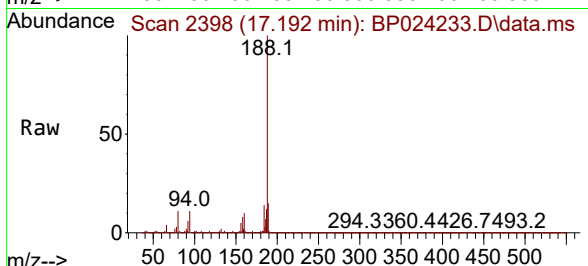


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.192 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP024233.D  
 Acq: 09 Apr 2025 13:37

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RT3069

Tgt Ion:188 Resp: 1328399

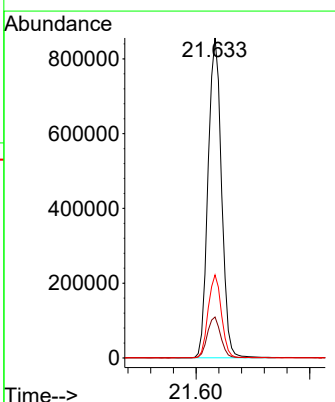
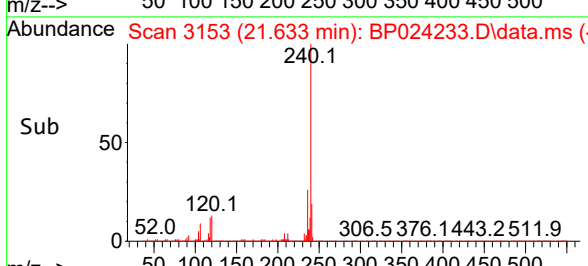
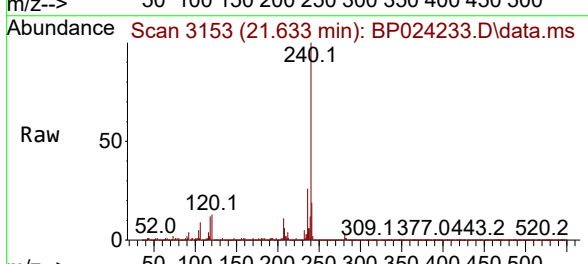
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.5  | 8.1   | 12.1  |
| 80  | 11.2  | 8.9   | 13.3  |

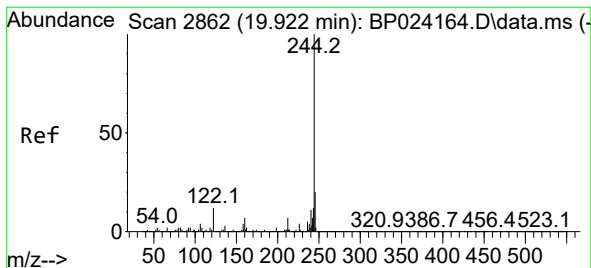


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.633 min Scan# 3153  
 Delta R.T. -0.024 min  
 Lab File: BP024233.D  
 Acq: 09 Apr 2025 13:37

Tgt Ion:240 Resp: 1400421

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.8  | 9.2   | 13.8  |
| 236 | 26.0  | 20.4  | 30.6  |





#79

Terphenyl-d14

Concen: 99.228 ng

RT: 19.927 min Scan# 2862

Delta R.T. 0.006 min

Lab File: BP024233.D

Acq: 09 Apr 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

RT3069

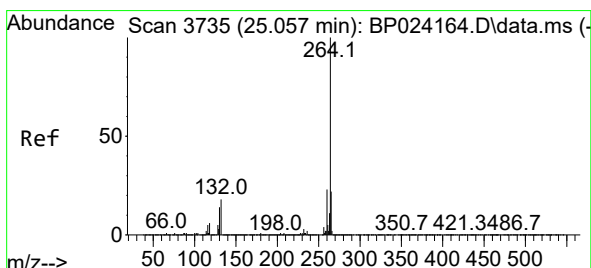
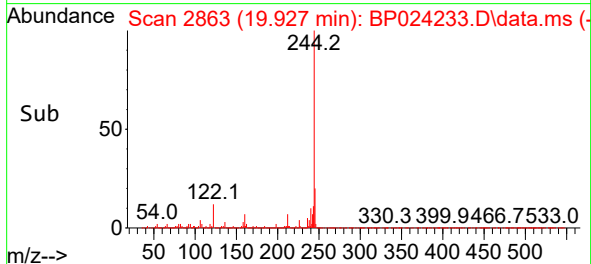
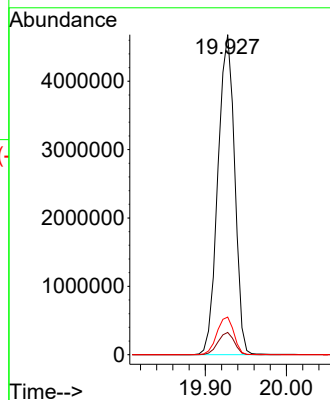
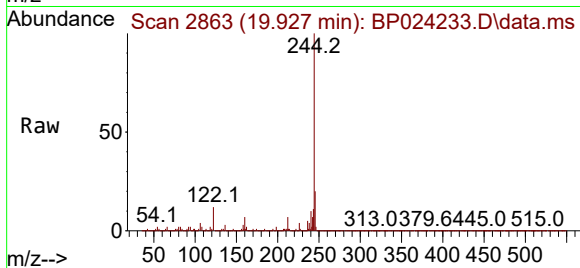
Tgt Ion:244 Resp: 6731845

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.7 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3726

Delta R.T. -0.053 min

Lab File: BP024233.D

Acq: 09 Apr 2025 13:37

Tgt Ion:264 Resp: 1555170

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.7 17.7 26.5

