

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042125\  
 Data File : BP024366.D  
 Acq On : 21 Apr 2025 17:38  
 Operator : RC/JU  
 Sample : Q1832-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PL-714-COMP-01

Quant Time: Apr 21 18:23:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.722  | 152  | 215664   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.493 | 136  | 814782   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.357 | 164  | 476274   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.163 | 188  | 919398   | 20.000  | ng    | 0.02     |
| 76) Chrysene-d12            | 21.592 | 240  | 1005561  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.945 | 264  | 1197247  | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.346  | 112  | 1230709  | 94.356  | ng    | 0.00     |
| 7) Phenol-d6                | 6.911  | 99   | 1462913  | 81.911  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.869  | 82   | 965238   | 67.551  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.869 | 330  | 805826   | 122.289 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.963 | 172  | 2024571  | 65.085  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.886 | 244  | 4311167  | 86.417  | ng    | 0.01     |

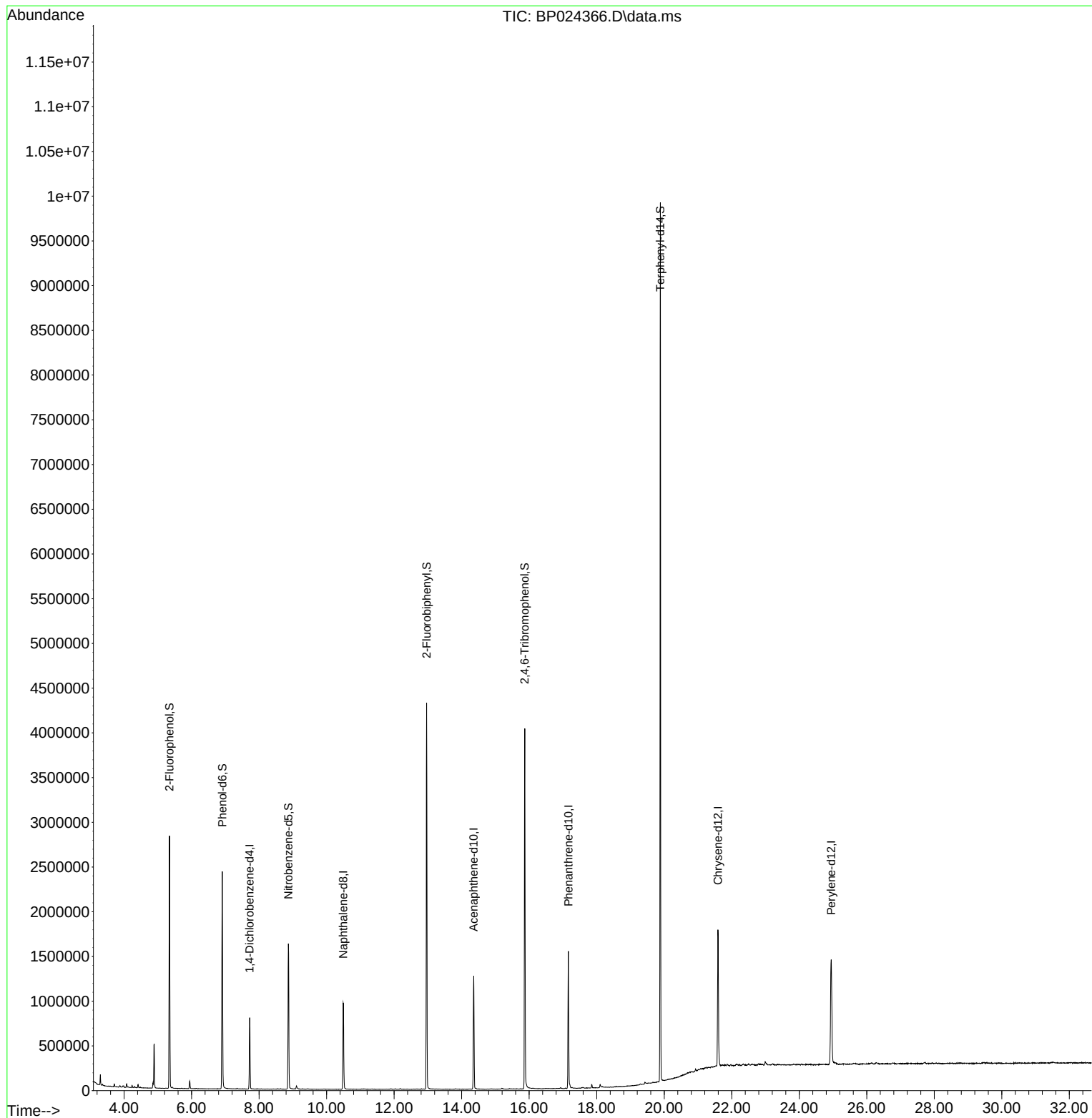
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

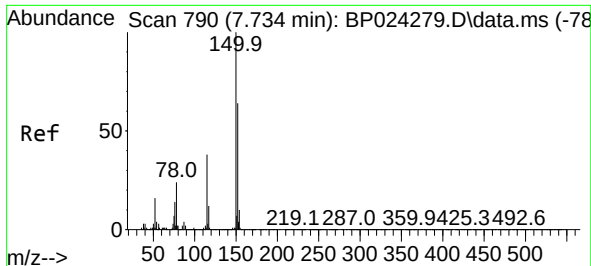
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : Q1832-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

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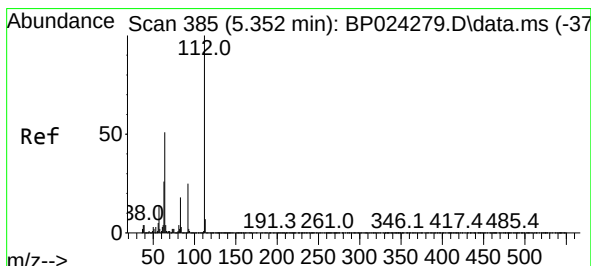
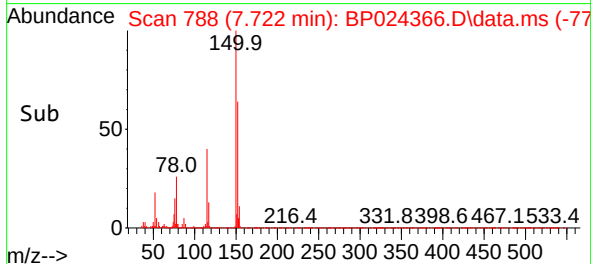
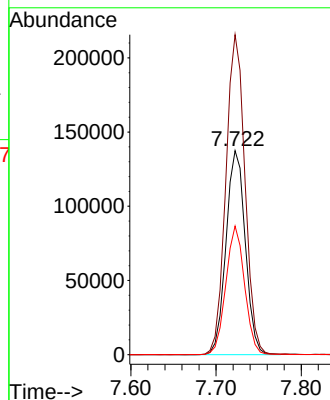
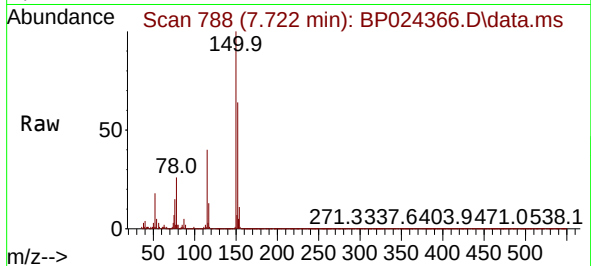




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.722 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP024366.D  
Acq: 21 Apr 2025 17:38

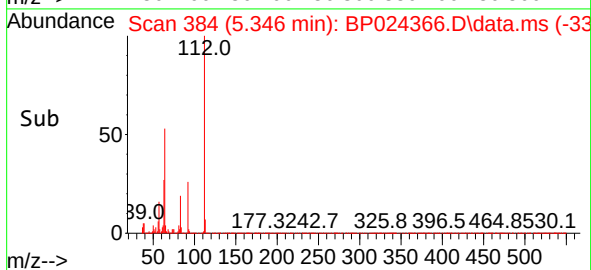
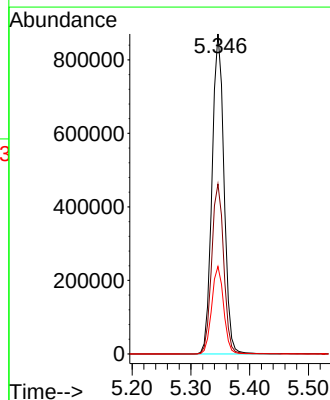
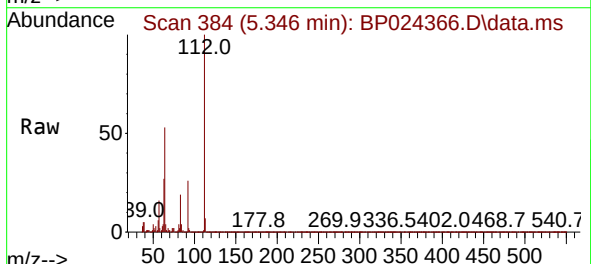
Instrument :  
BNA\_P  
ClientSampleId :  
PL-714-COMP-01

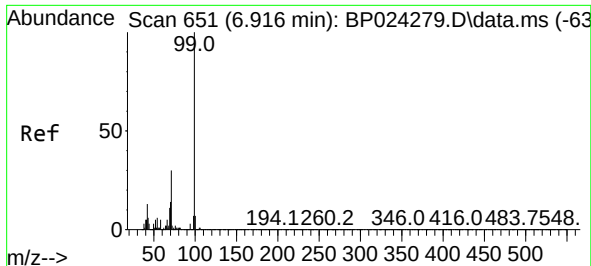
Tgt Ion:152 Resp: 215664  
Ion Ratio Lower Upper  
152 100  
150 156.8 124.9 187.3  
115 63.1 47.7 71.5



#5  
2-Fluorophenol  
Concen: 94.356 ng  
RT: 5.346 min Scan# 384  
Delta R.T. 0.000 min  
Lab File: BP024366.D  
Acq: 21 Apr 2025 17:38

Tgt Ion:112 Resp: 1230709  
Ion Ratio Lower Upper  
112 100  
64 53.1 41.1 61.7  
63 27.3 20.6 30.8



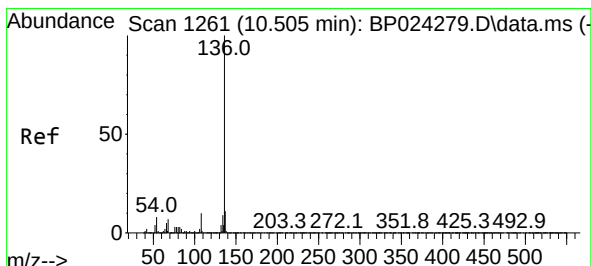
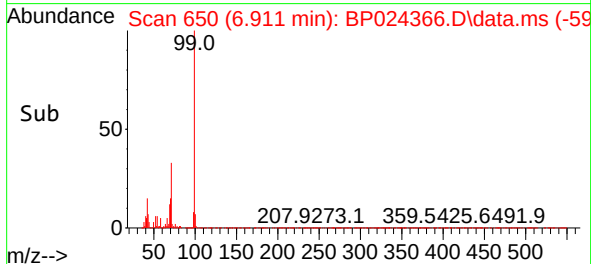
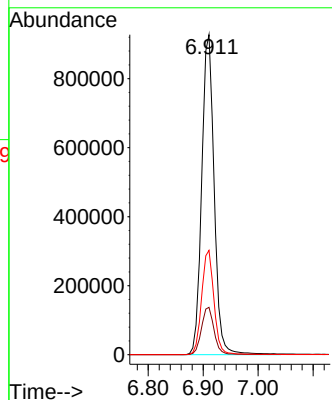
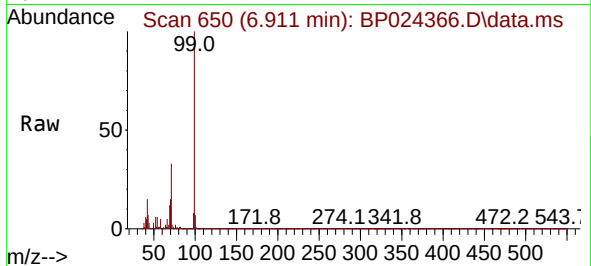


#7  
Phenol-d6  
Concen: 81.911 ng  
RT: 6.911 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP024366.D  
Acq: 21 Apr 2025 17:38

Instrument :  
BNA\_P  
ClientSampleId :  
PL-714-COMP-01

Tgt Ion: 99 Resp: 1462913

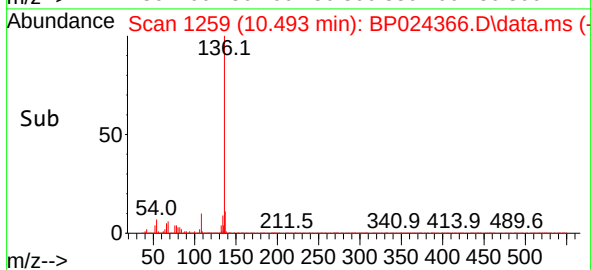
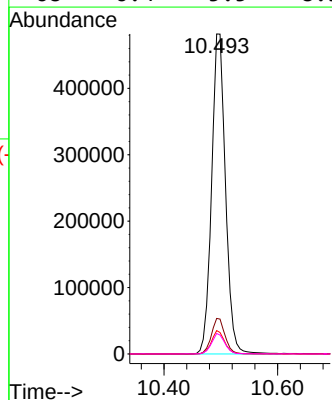
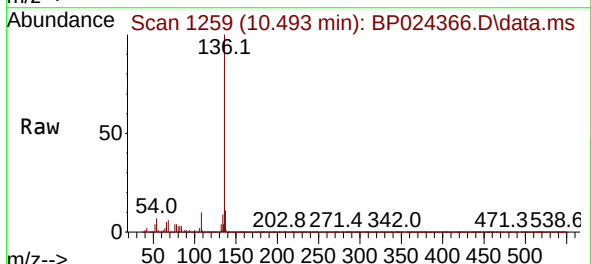
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.8  | 10.6  | 16.0  |
| 71  | 32.6  | 23.7  | 35.5  |

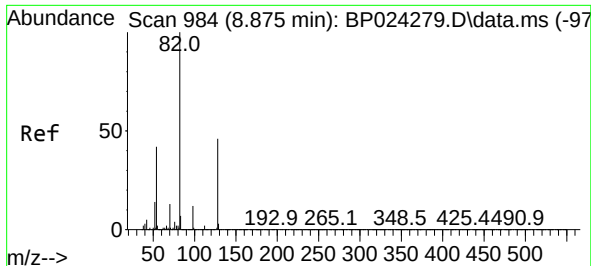


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.493 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: BP024366.D  
Acq: 21 Apr 2025 17:38

Tgt Ion: 136 Resp: 814782

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 9.2   | 13.8  |
| 54  | 7.3   | 6.0   | 9.0   |
| 68  | 6.4   | 5.5   | 8.3   |

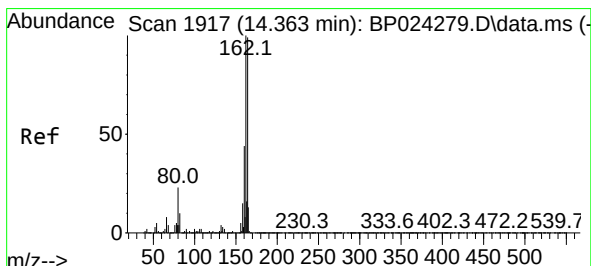
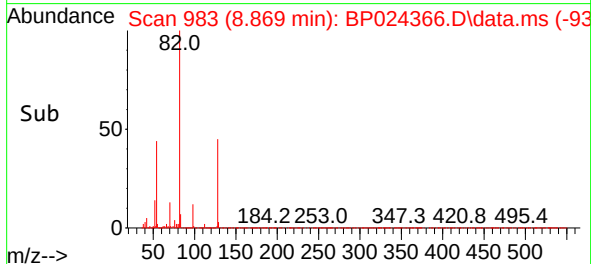
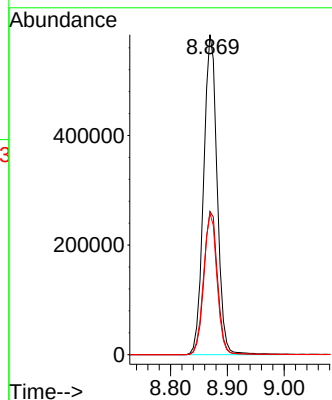
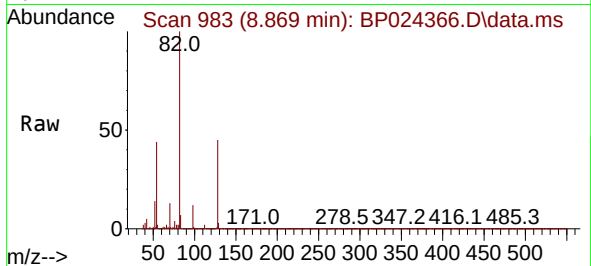




#23  
Nitrobenzene-d5  
Concen: 67.551 ng  
RT: 8.869 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP024366.D  
Acq: 21 Apr 2025 17:38

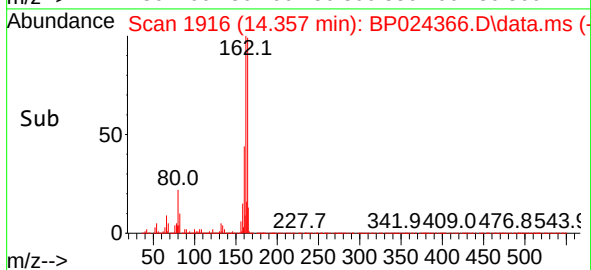
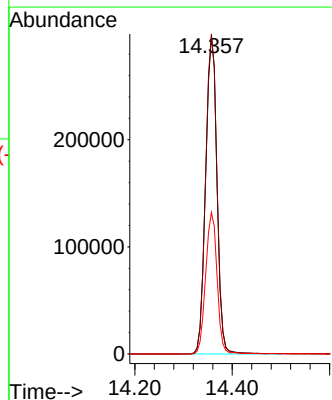
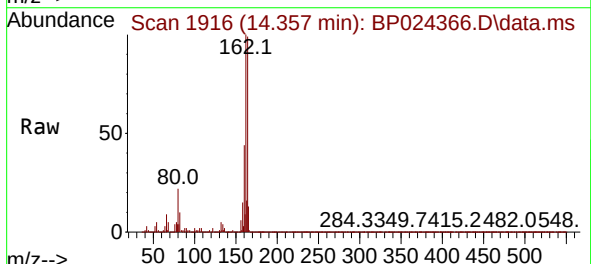
Instrument :  
BNA\_P  
ClientSampleId :  
PL-714-COMP-01

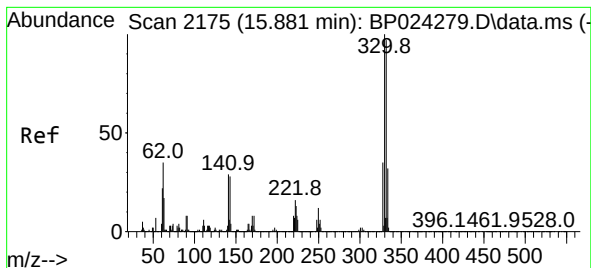
Tgt Ion: 82 Resp: 965238  
Ion Ratio Lower Upper  
82 100  
128 44.8 36.5 54.7  
54 44.1 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.357 min Scan# 1916  
Delta R.T. 0.006 min  
Lab File: BP024366.D  
Acq: 21 Apr 2025 17:38

Tgt Ion:164 Resp: 476274  
Ion Ratio Lower Upper  
164 100  
162 100.8 80.6 120.8  
160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 122.289 ng

RT: 15.869 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024366.D

Acq: 21 Apr 2025 17:38

Instrument :

BNA\_P

ClientSampleId :

PL-714-COMP-01

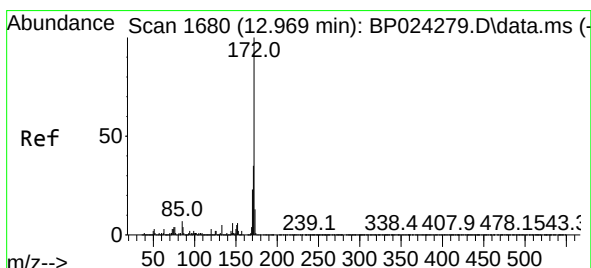
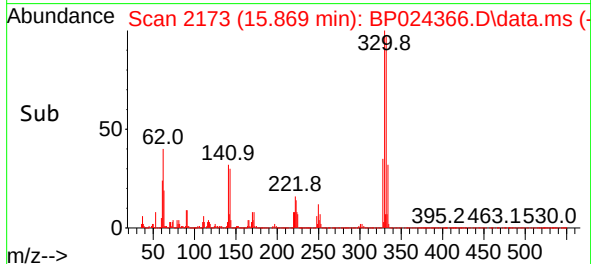
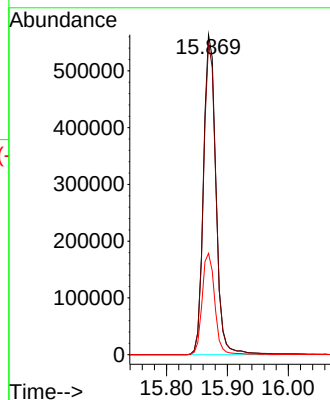
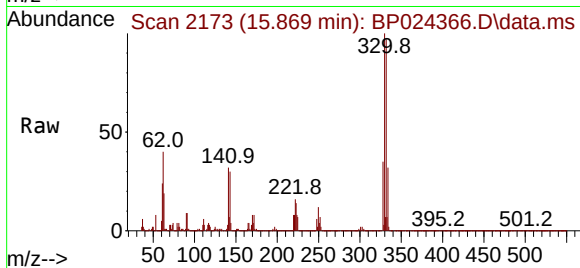
Tgt Ion:330 Resp: 805826

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 32.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 65.085 ng

RT: 12.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BP024366.D

Acq: 21 Apr 2025 17:38

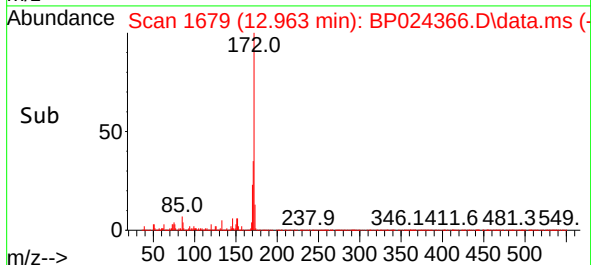
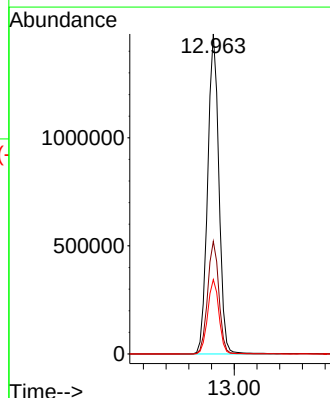
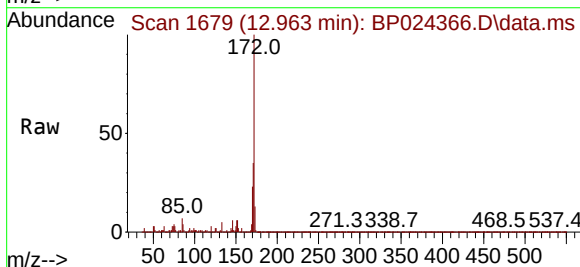
Tgt Ion:172 Resp: 2024571

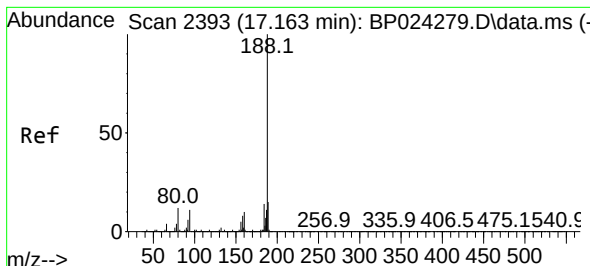
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.2 18.6 27.8

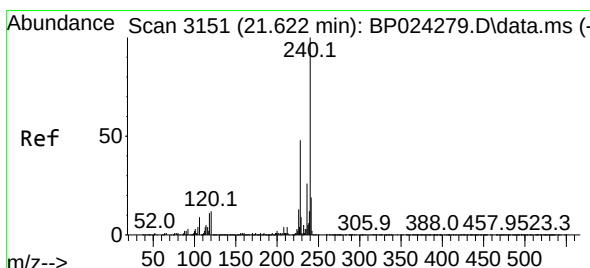
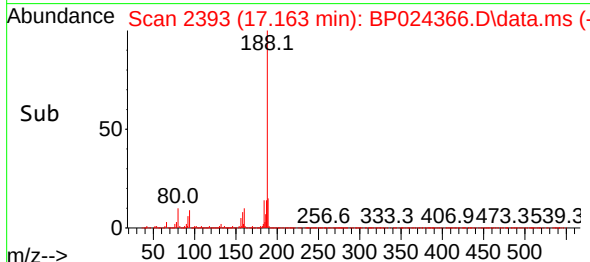
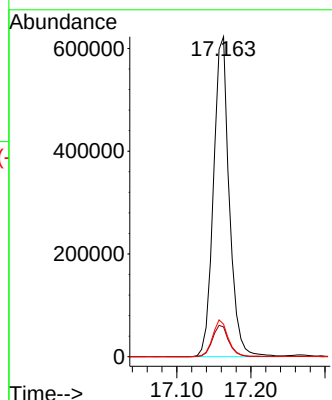
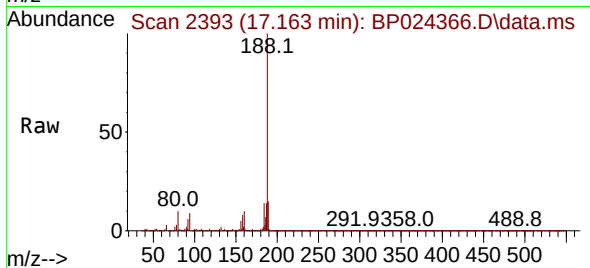




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.163 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BP024366.D  
Acq: 21 Apr 2025 17:38

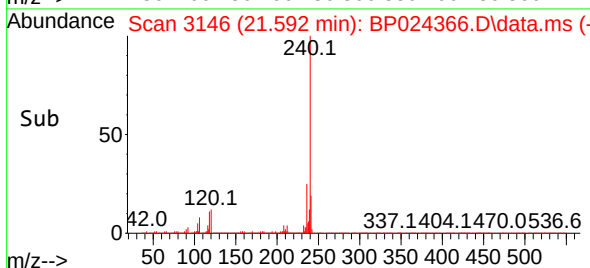
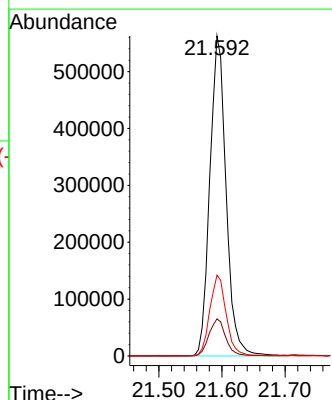
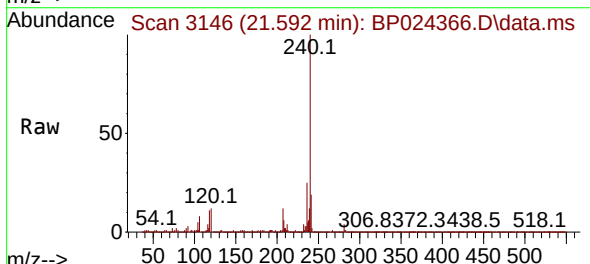
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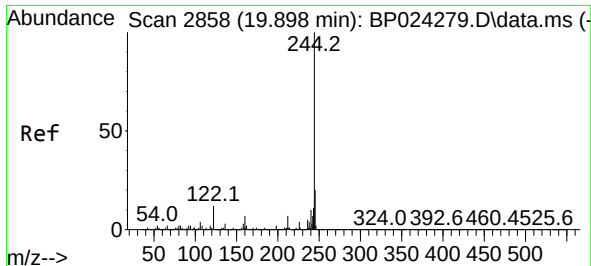
Tgt Ion:188 Resp: 919398  
Ion Ratio Lower Upper  
188 100  
94 9.3 8.6 13.0  
80 10.1 9.8 14.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.592 min Scan# 3146  
Delta R.T. 0.000 min  
Lab File: BP024366.D  
Acq: 21 Apr 2025 17:38

Tgt Ion:240 Resp: 1005561  
Ion Ratio Lower Upper  
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236 25.3 20.9 31.3

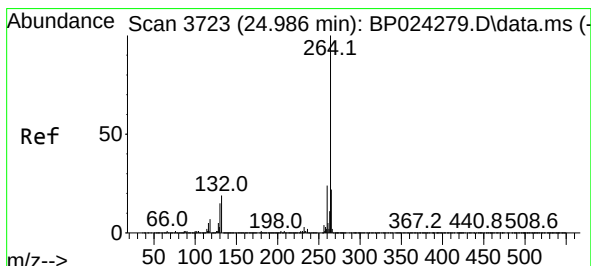
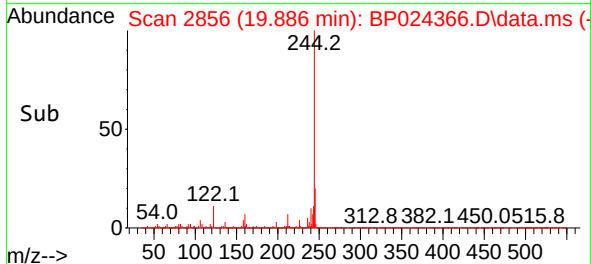
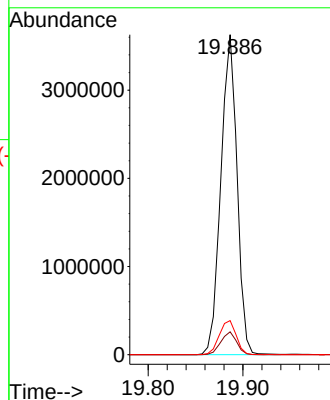
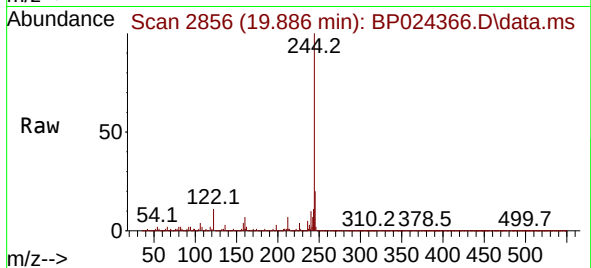




#79  
 Terphenyl-d14  
 Concen: 86.417 ng  
 RT: 19.886 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: BP024366.D  
 Acq: 21 Apr 2025 17:38

Instrument :  
 BNA\_P  
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 PL-714-COMP-01

Tgt Ion:244 Resp: 4311167  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.6 8.4  
 122 10.7 9.4 14.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.945 min Scan# 3716  
 Delta R.T. 0.012 min  
 Lab File: BP024366.D  
 Acq: 21 Apr 2025 17:38

Tgt Ion:264 Resp: 1197247  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.9 28.3  
 265 22.4 17.8 26.6

