

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050925\  
 Data File : BP024597.D  
 Acq On : 09 May 2025 19:10  
 Operator : RC/JU  
 Sample : Q1983-43  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OR-636-COMP-08

Quant Time: May 09 22:47:35 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

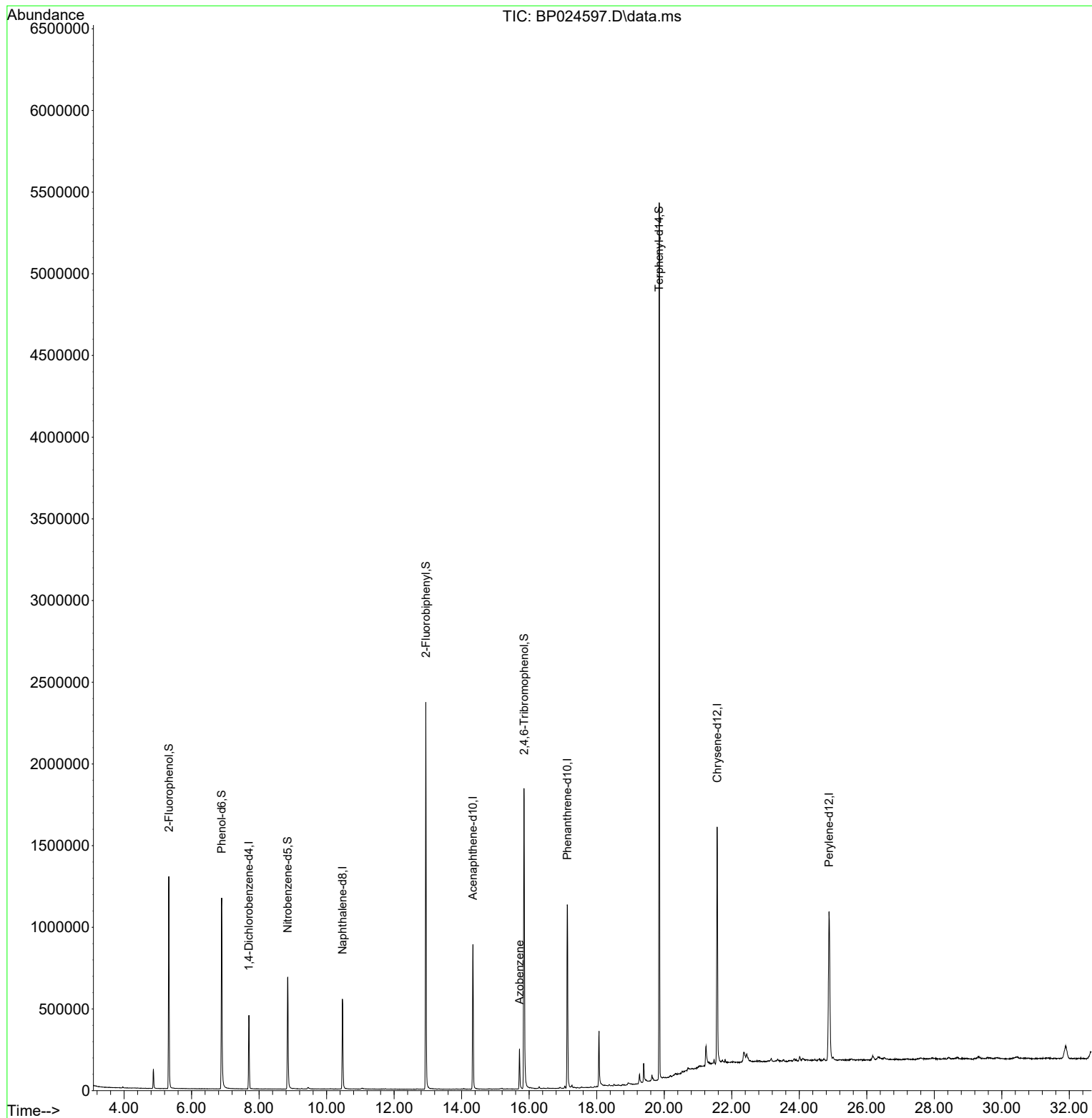
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.698  | 152  | 120019   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.469 | 136  | 493658   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.333 | 164  | 343088   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.127 | 188  | 765270   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.568 | 240  | 940988   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.880 | 264  | 1072724  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.328  | 112  | 559741   | 77.113  | ng    | 0.00     |
| 7) Phenol-d6                | 6.893  | 99   | 747722   | 75.230  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.851  | 82   | 446285   | 51.549  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.851 | 330  | 497709   | 104.851 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.939 | 172  | 1149886  | 51.316  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.851 | 244  | 2460298  | 52.701  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 63) Azobenzene              | 15.716 | 77   | 75761    | 3.206   | ng    | # 1      |
| -----                       |        |      |          |         |       |          |

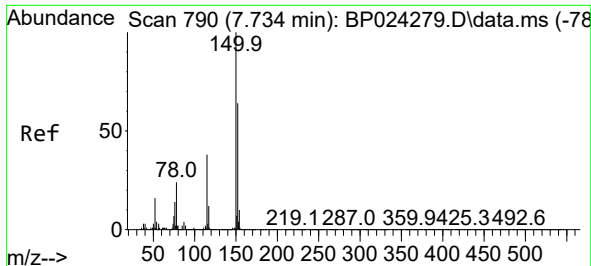
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050925\  
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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  
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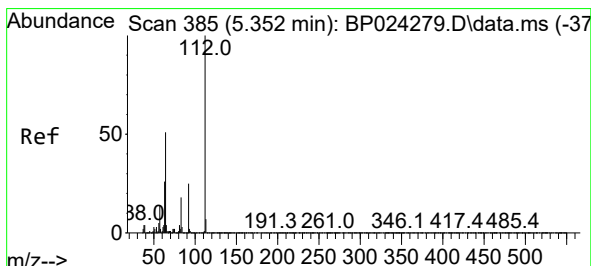
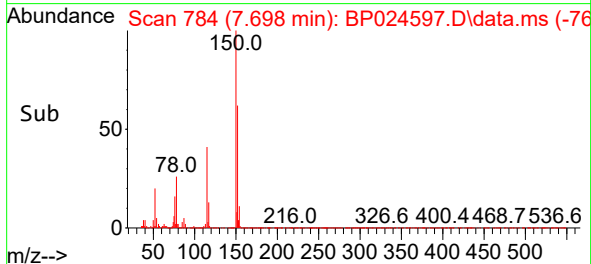
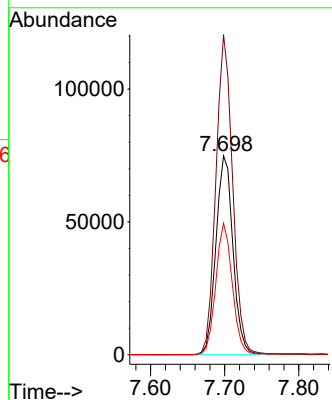
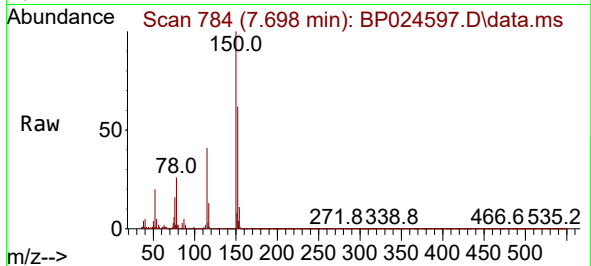




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.698 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP024597.D  
Acq: 09 May 2025 19:10

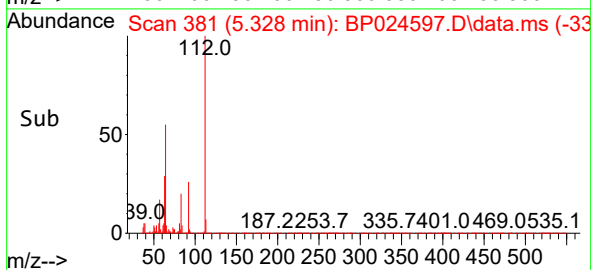
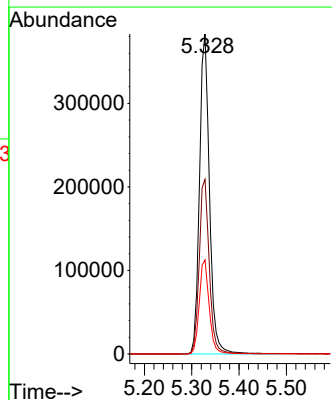
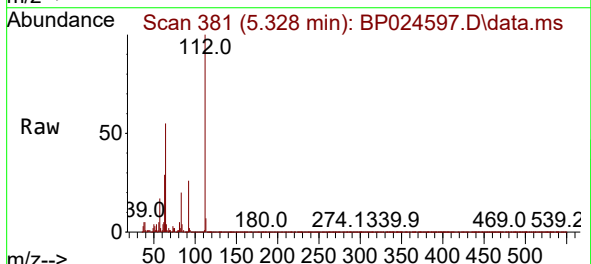
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BNA\_P  
ClientSampleId :  
OR-636-COMP-08

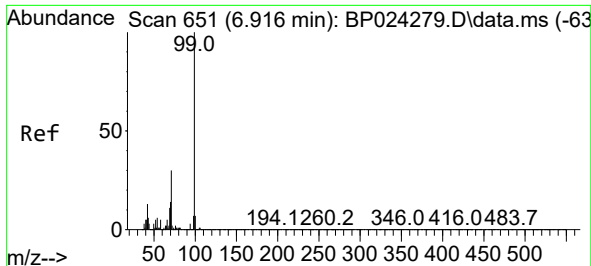
Tgt Ion:152 Resp: 120019  
Ion Ratio Lower Upper  
152 100  
150 160.9 124.9 187.3  
115 66.1 47.7 71.5



#5  
2-Fluorophenol  
Concen: 77.113 ng  
RT: 5.328 min Scan# 381  
Delta R.T. -0.000 min  
Lab File: BP024597.D  
Acq: 09 May 2025 19:10

Tgt Ion:112 Resp: 559741  
Ion Ratio Lower Upper  
112 100  
64 54.5 41.1 61.7  
63 29.4 20.6 30.8

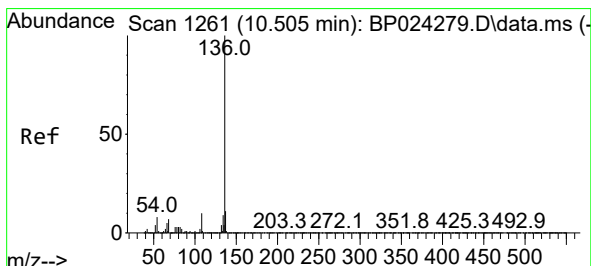
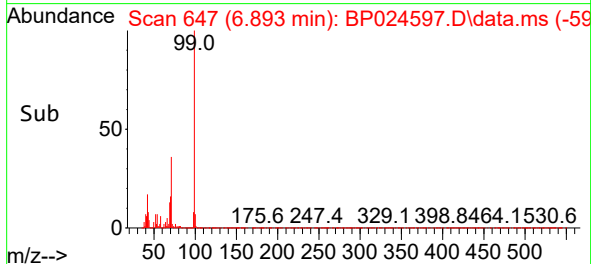
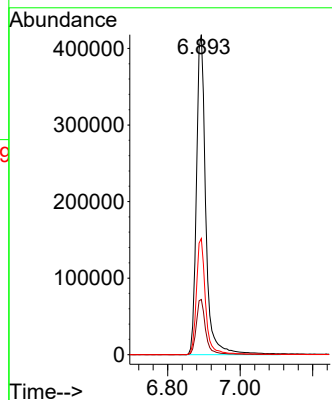
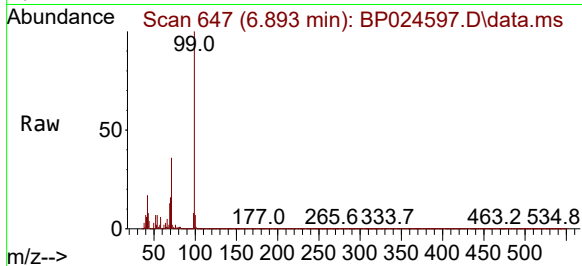




#7  
Phenol-d6  
Concen: 75.230 ng  
RT: 6.893 min Scan# 647  
Delta R.T. -0.000 min  
Lab File: BP024597.D  
Acq: 09 May 2025 19:10

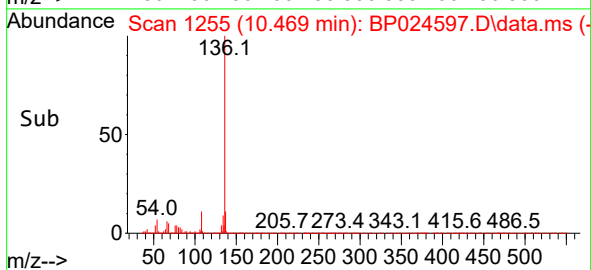
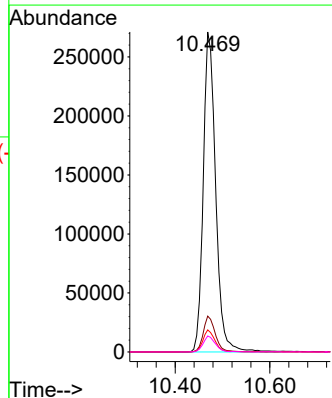
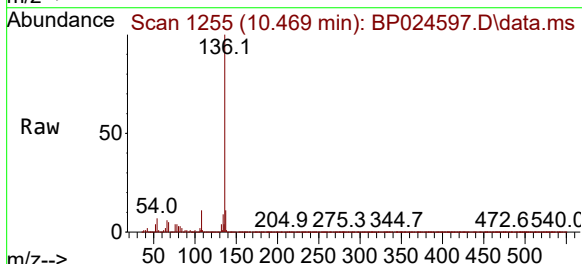
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ClientSampleId :  
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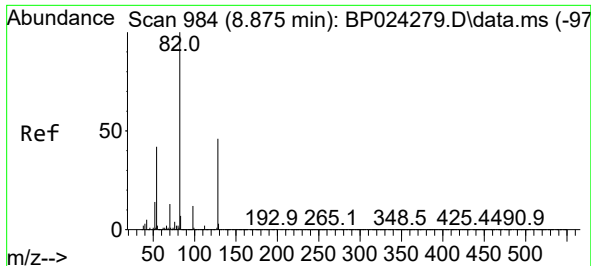
Tgt Ion: 99 Resp: 747722  
Ion Ratio Lower Upper  
99 100  
42 17.2 10.6 16.0#  
71 36.3 23.7 35.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.469 min Scan# 1255  
Delta R.T. -0.000 min  
Lab File: BP024597.D  
Acq: 09 May 2025 19:10

Tgt Ion: 136 Resp: 493658  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.2 13.8  
54 6.9 6.0 9.0  
68 5.0 5.5 8.3#

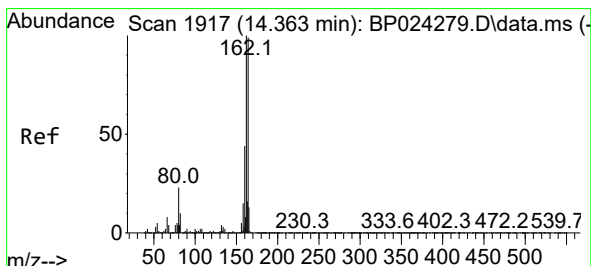
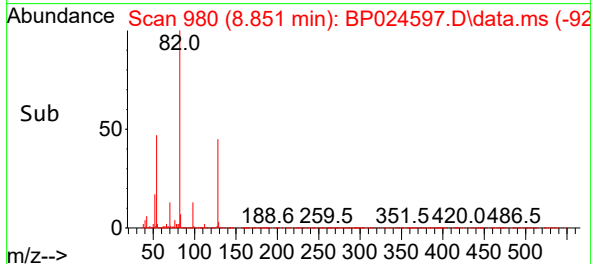
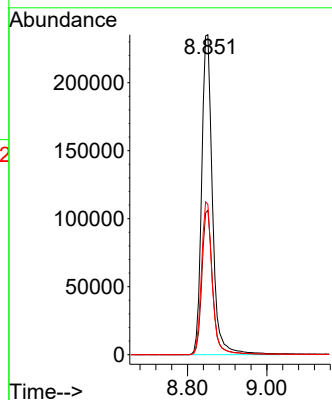
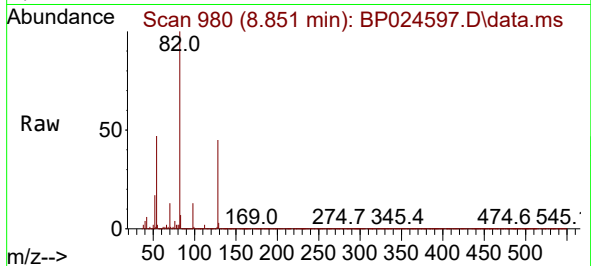




#23  
Nitrobenzene-d5  
Concen: 51.549 ng  
RT: 8.851 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BP024597.D  
Acq: 09 May 2025 19:10

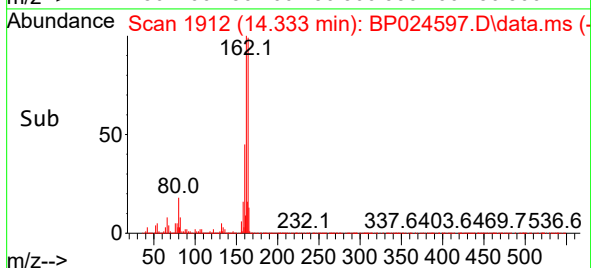
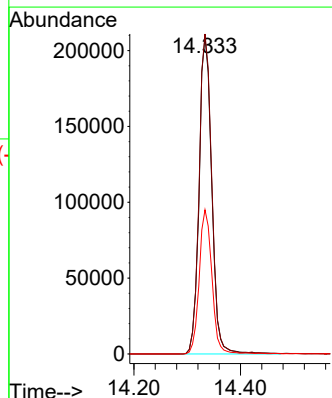
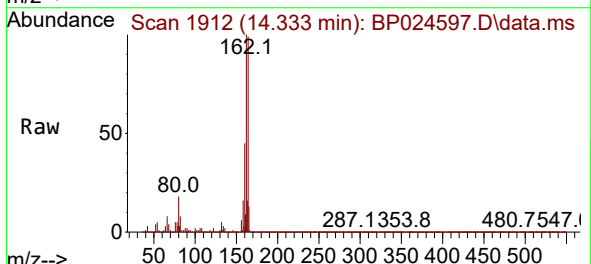
Instrument :  
BNA\_P  
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OR-636-COMP-08

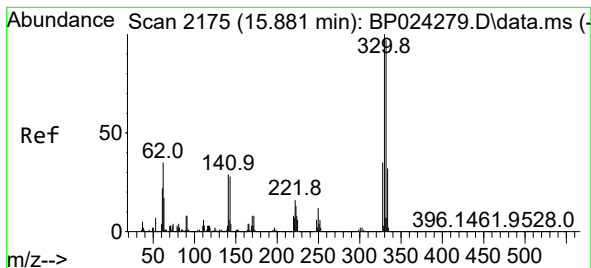
Tgt Ion: 82 Resp: 446285  
Ion Ratio Lower Upper  
82 100  
128 45.1 36.5 54.7  
54 47.0 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.333 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: BP024597.D  
Acq: 09 May 2025 19:10

Tgt Ion: 164 Resp: 343088  
Ion Ratio Lower Upper  
164 100  
162 101.0 80.6 120.8  
160 45.5 35.3 52.9

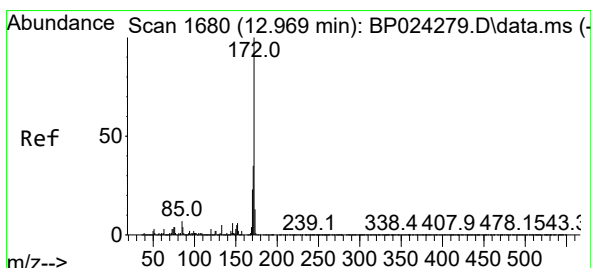
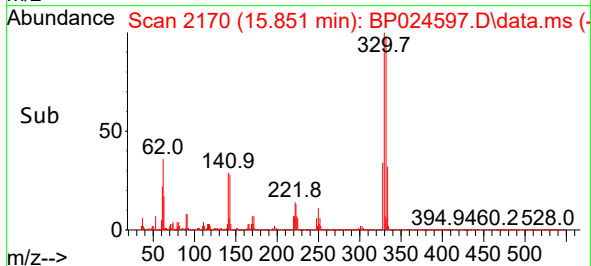
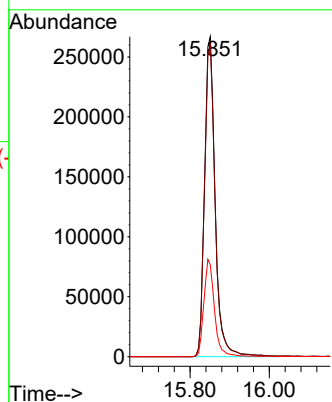
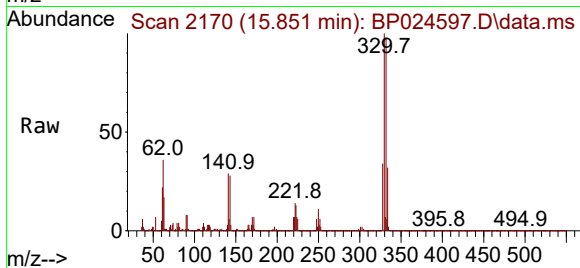




#42  
2,4,6-Tribromophenol  
Concen: 104.851 ng  
RT: 15.851 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: BP024597.D  
Acq: 09 May 2025 19:10

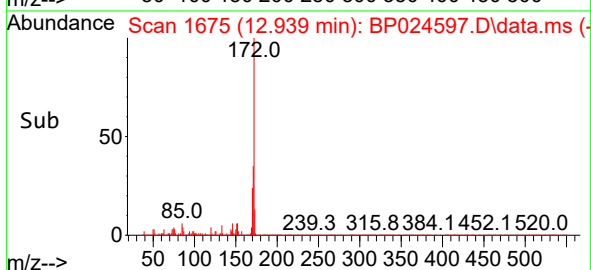
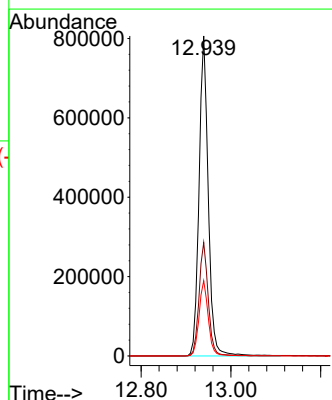
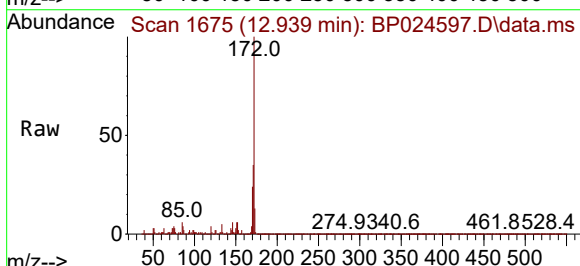
Instrument :  
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ClientSampleId :  
OR-636-COMP-08

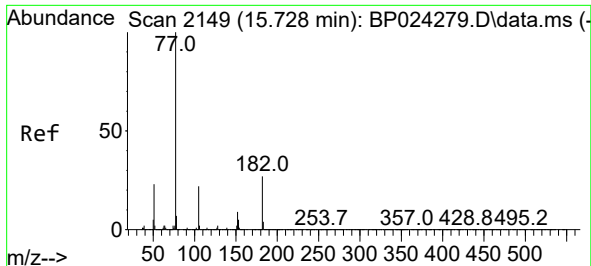
Tgt Ion: 330 Resp: 497709  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.1 115.7  
141 30.2 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 51.316 ng  
RT: 12.939 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: BP024597.D  
Acq: 09 May 2025 19:10

Tgt Ion: 172 Resp: 1149886  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.2 42.2  
170 23.5 18.6 27.8

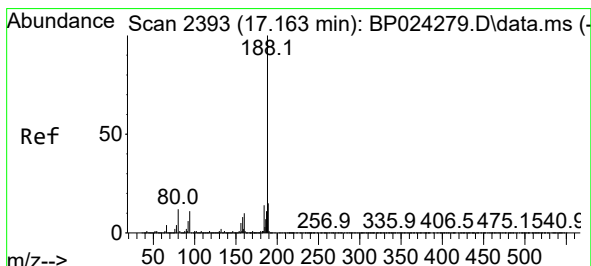
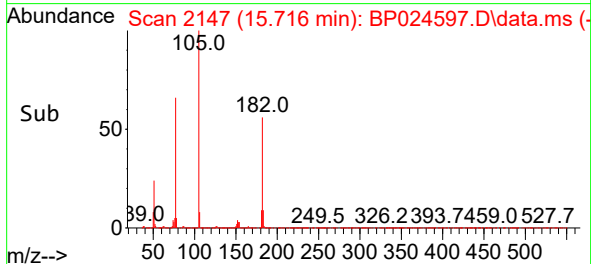
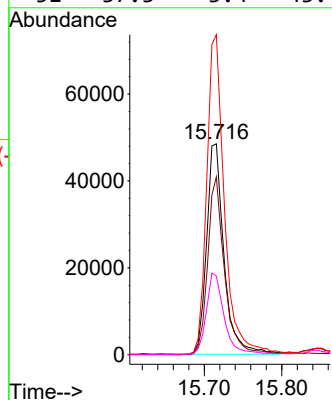
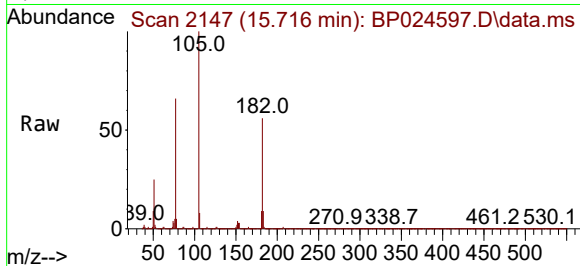




#63  
Azobenzene  
Concen: 3.206 ng  
RT: 15.716 min Scan# 2149  
Delta R.T. 0.023 min  
Lab File: BP024597.D  
Acq: 09 May 2025 19:10

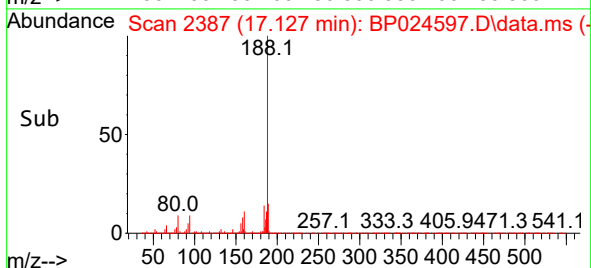
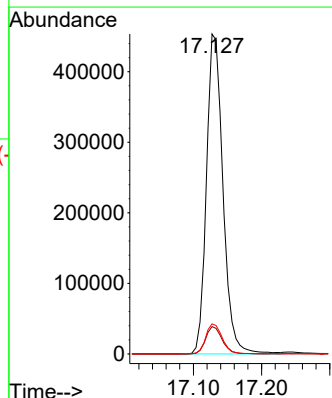
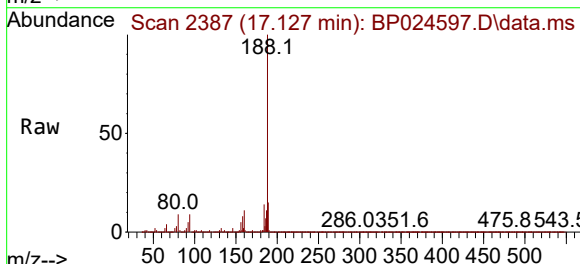
Instrument :  
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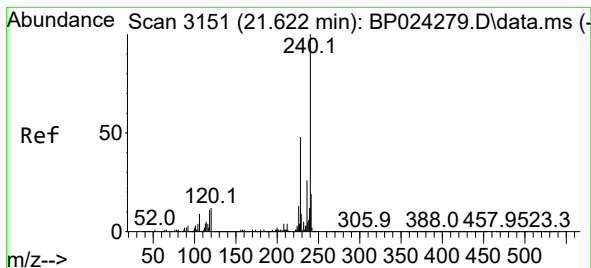
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 75761 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 84.3    | 7.3 47.3#   |
| 105 151.7   | 2.3 42.3#   |
| 51 37.3     | 3.4 43.4    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.127 min Scan# 2387  
Delta R.T. -0.000 min  
Lab File: BP024597.D  
Acq: 09 May 2025 19:10

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 765270 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 8.6       | 8.6 13.0#    |
| 80 9.4       | 9.8 14.6#    |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024597.D

Acq: 09 May 2025 19:10

Instrument :

BNA\_P

ClientSampleId :

OR-636-COMP-08

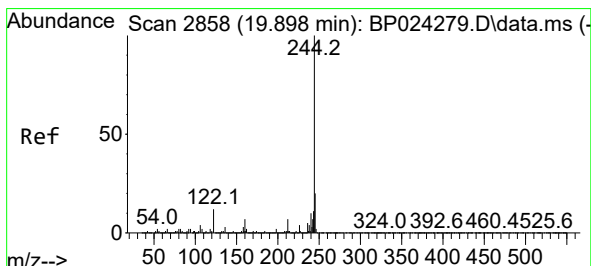
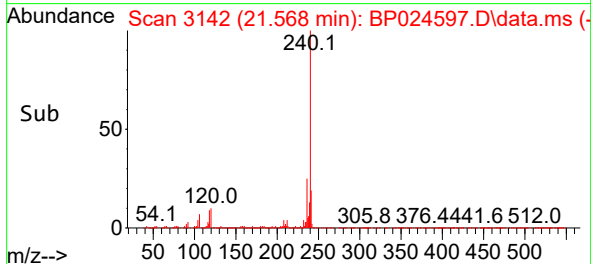
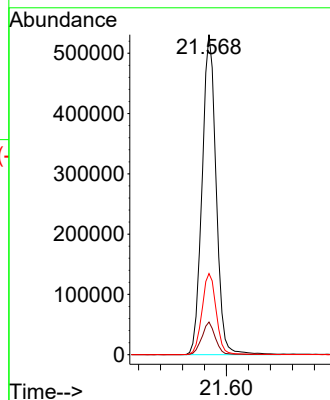
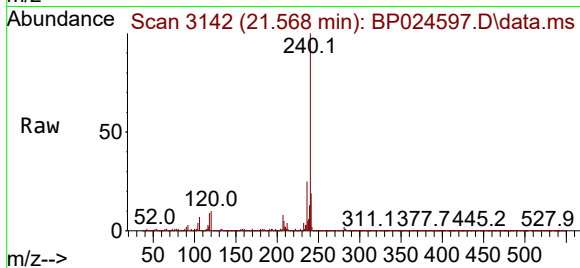
Tgt Ion:240 Resp: 940988

Ion Ratio Lower Upper

240 100

120 10.2 9.8 14.8

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 52.701 ng

RT: 19.851 min Scan# 2850

Delta R.T. -0.000 min

Lab File: BP024597.D

Acq: 09 May 2025 19:10

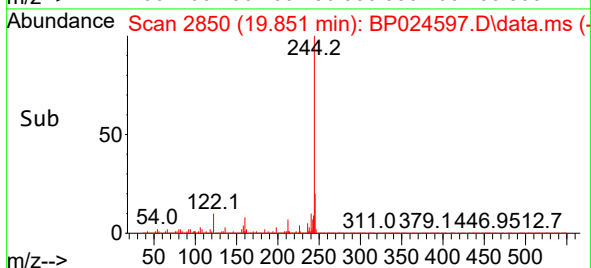
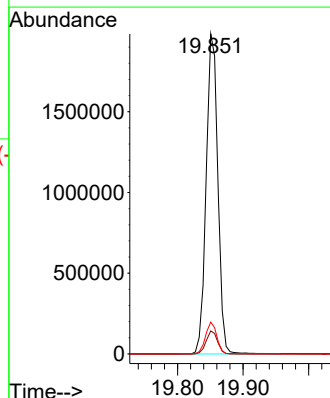
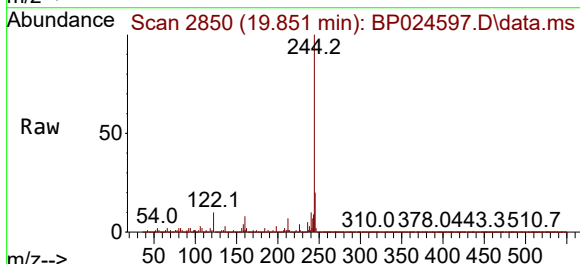
Tgt Ion:244 Resp: 2460298

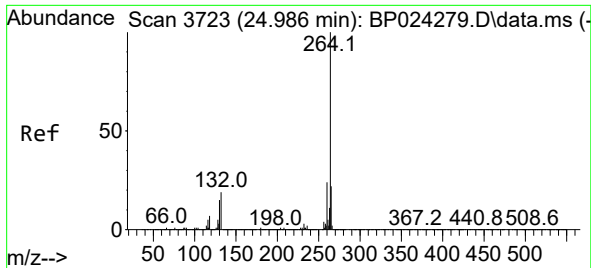
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.9 9.4 14.0





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.880 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP024597.D  
Acq: 09 May 2025 19:10

Instrument :  
BNA\_P  
ClientSampleId :  
OR-636-COMP-08

Tgt Ion:264 Resp: 1072724  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.3  | 18.9  | 28.3  |
| 265 | 21.6  | 17.8  | 26.6  |

