

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042825\  
 Data File : BP024438.D  
 Acq On : 28 Apr 2025 15:41  
 Operator : RC/JU  
 Sample : Q1874-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VNJ-236

Quant Time: Apr 28 16:18:12 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   | 7.716  | 152  | 163631   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.481 | 136  | 658950   | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.345 | 164  | 436543   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.139 | 188  | 904908   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.592 | 240  | 1003690  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.939 | 264  | 1149985  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.340  | 112  | 919639   | 92.927  | ng    | 0.00     |
| 7) Phenol-d6                | 6.905  | 99   | 1197266  | 88.354  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.857  | 82   | 724378   | 62.683  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.863 | 330  | 872296   | 144.425 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.951 | 172  | 1851942  | 64.954  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.874 | 244  | 3441471  | 69.113  | ng    | 0.00     |

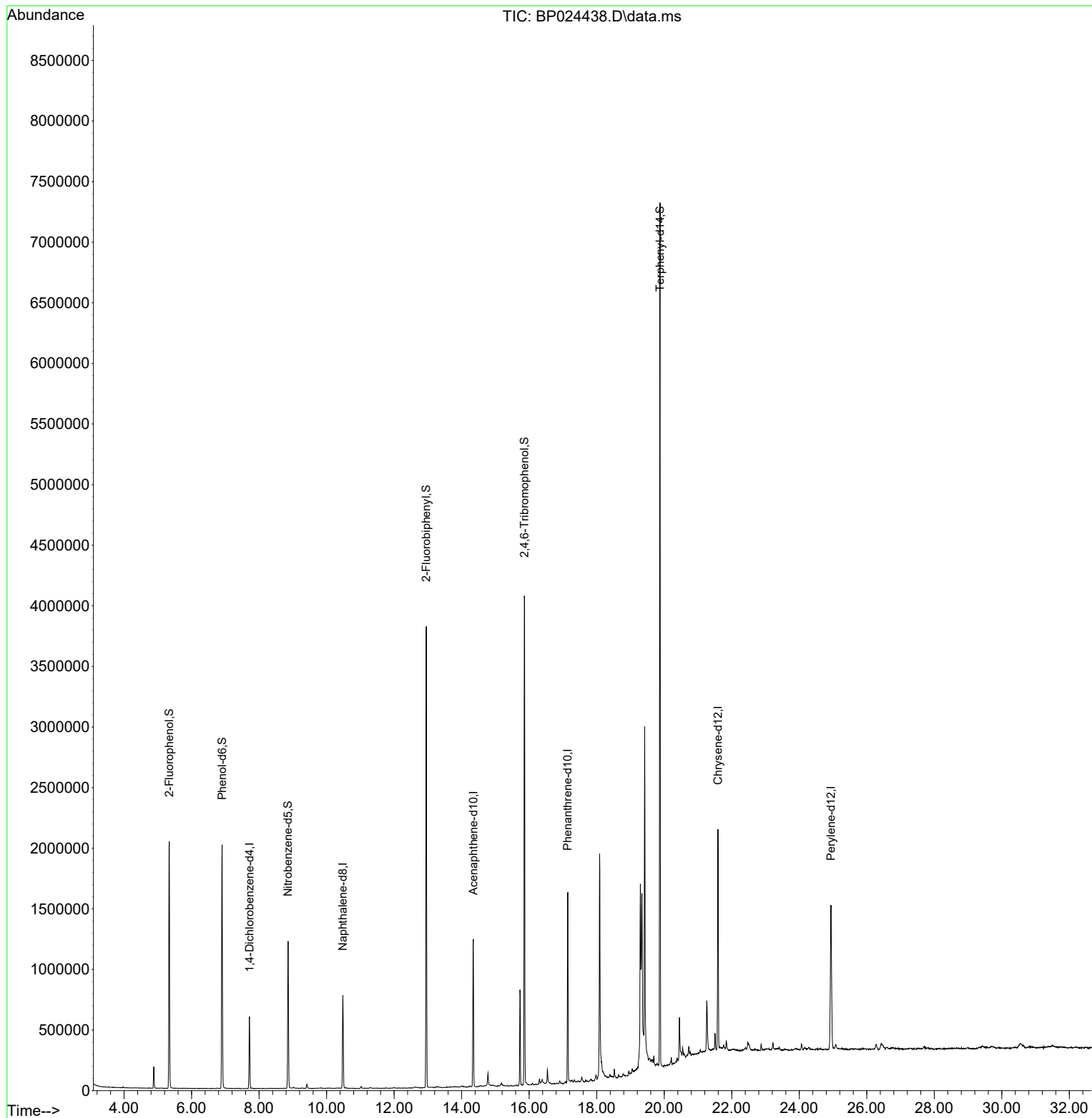
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

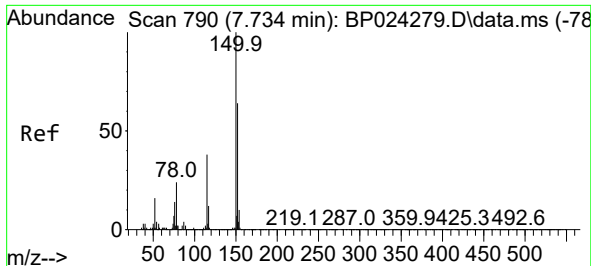
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042825\  
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QLast Update : Fri Apr 18 12:04:48 2025  
Response via : Initial Calibration

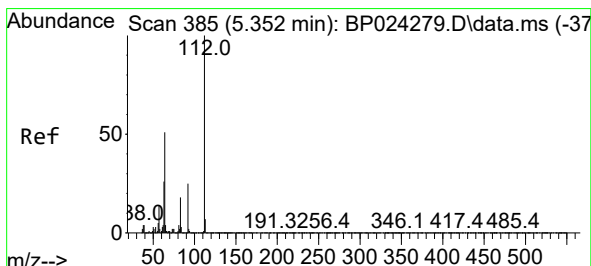
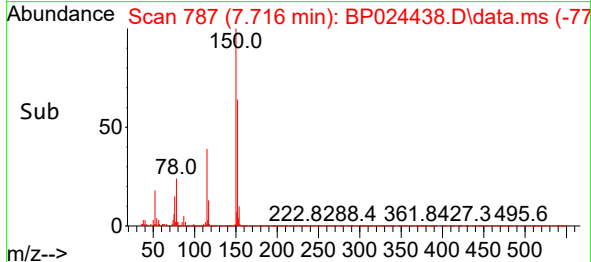
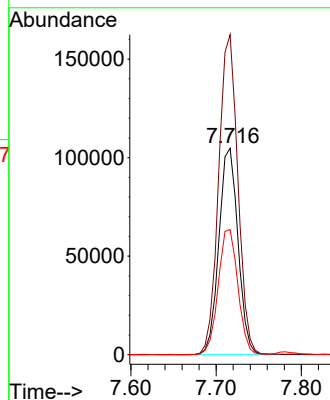
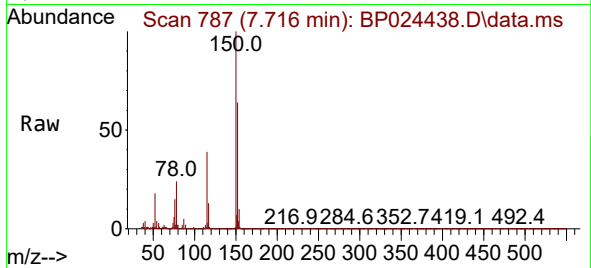




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.716 min Scan# 790  
Delta R.T. -0.006 min  
Lab File: BP024438.D  
Acq: 28 Apr 2025 15:41

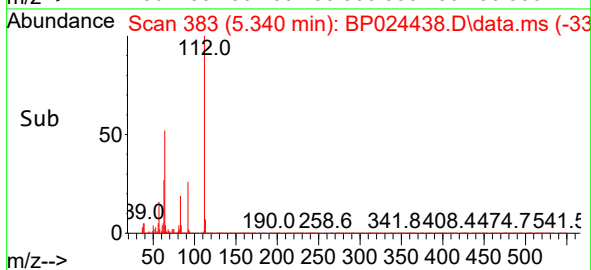
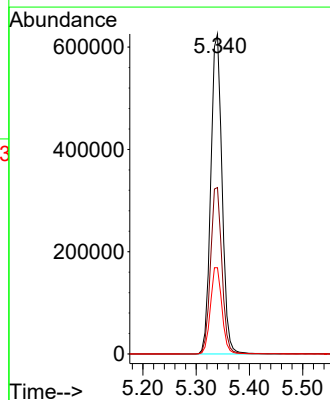
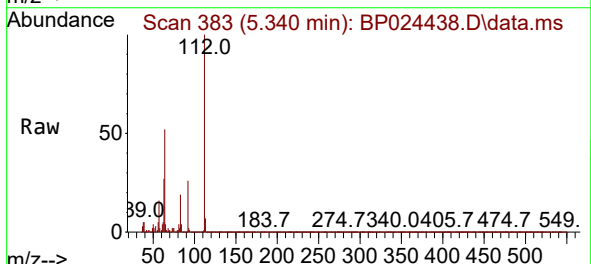
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-236

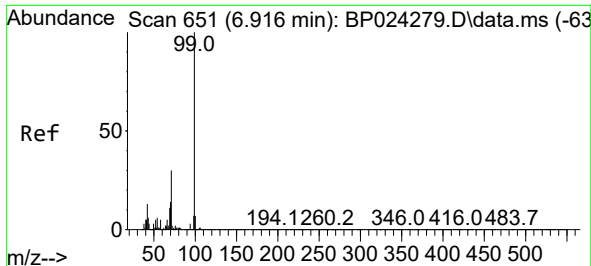
Tgt Ion:152 Resp: 163631  
Ion Ratio Lower Upper  
152 100  
150 155.1 124.9 187.3  
115 60.6 47.7 71.5



#5  
2-Fluorophenol  
Concen: 92.927 ng  
RT: 5.340 min Scan# 383  
Delta R.T. -0.006 min  
Lab File: BP024438.D  
Acq: 28 Apr 2025 15:41

Tgt Ion:112 Resp: 919639  
Ion Ratio Lower Upper  
112 100  
64 52.0 41.1 61.7  
63 27.0 20.6 30.8

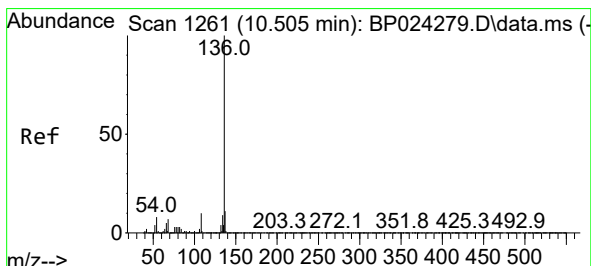
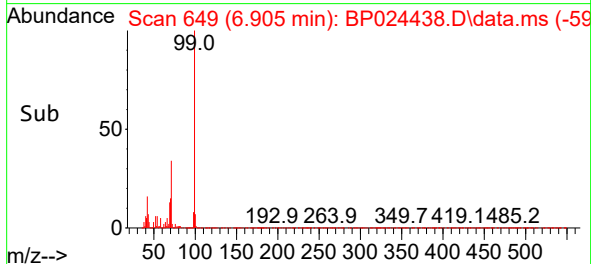
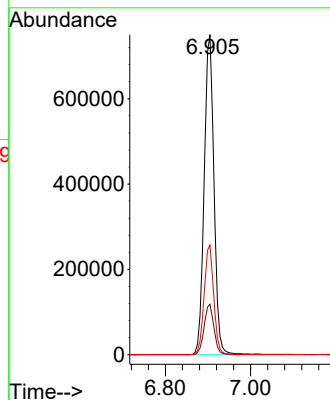
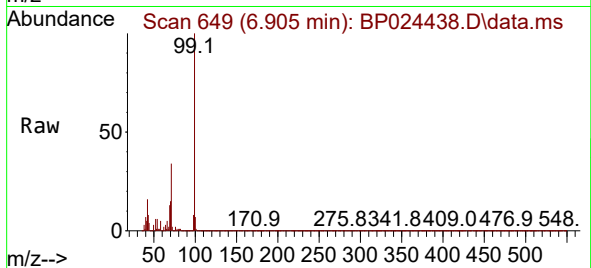




#7  
Phenol-d6  
Concen: 88.354 ng  
RT: 6.905 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BP024438.D  
Acq: 28 Apr 2025 15:41

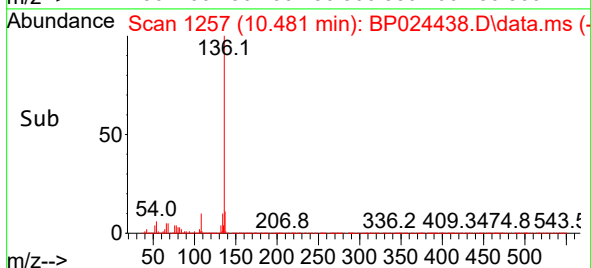
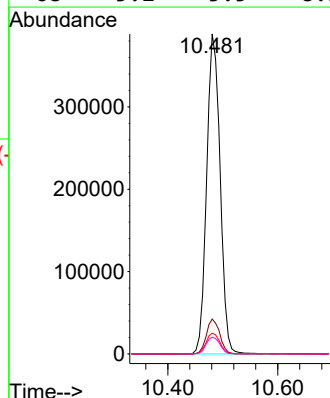
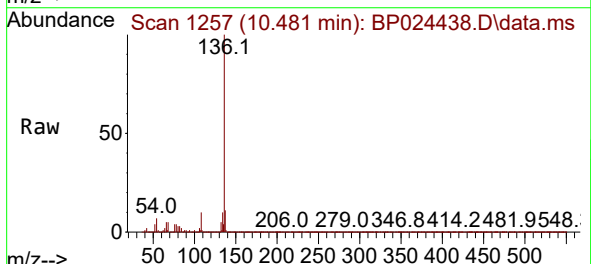
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-236

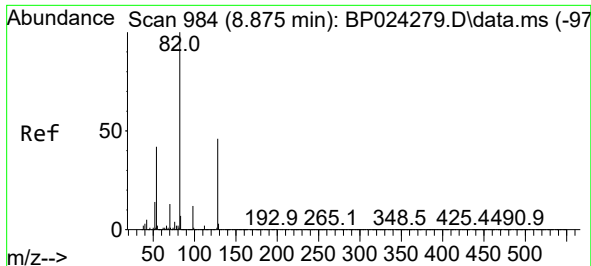
Tgt Ion: 99 Resp: 1197266  
Ion Ratio Lower Upper  
99 100  
42 15.8 10.6 16.0  
71 34.2 23.7 35.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.481 min Scan# 1257  
Delta R.T. -0.018 min  
Lab File: BP024438.D  
Acq: 28 Apr 2025 15:41

Tgt Ion: 136 Resp: 658950  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.2 13.8  
54 6.5 6.0 9.0  
68 5.2 5.5 8.3#

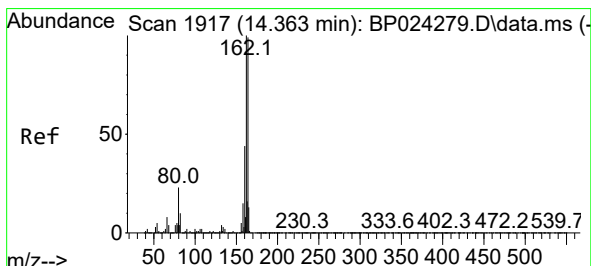
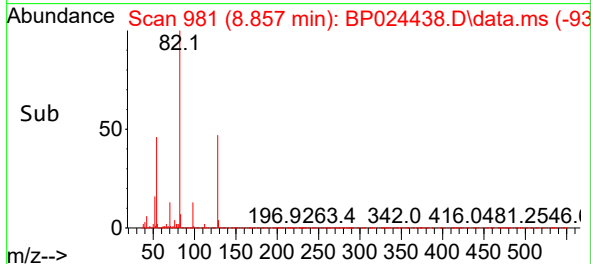
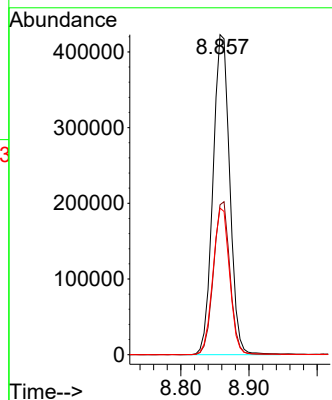
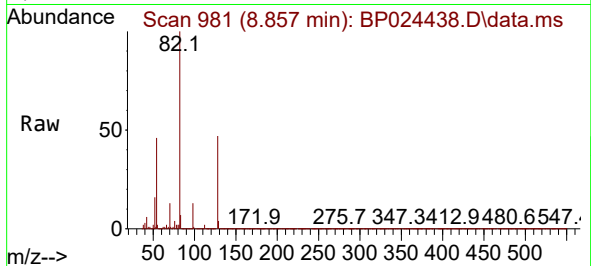




#23  
Nitrobenzene-d5  
Concen: 62.683 ng  
RT: 8.857 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP024438.D  
Acq: 28 Apr 2025 15:41

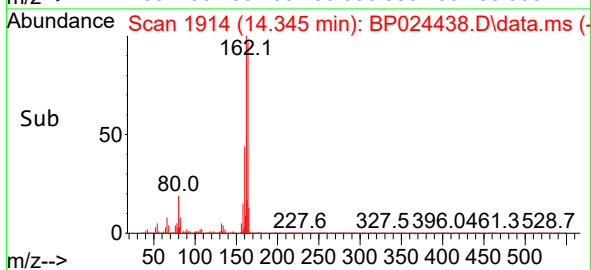
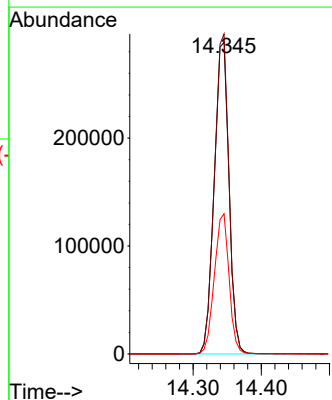
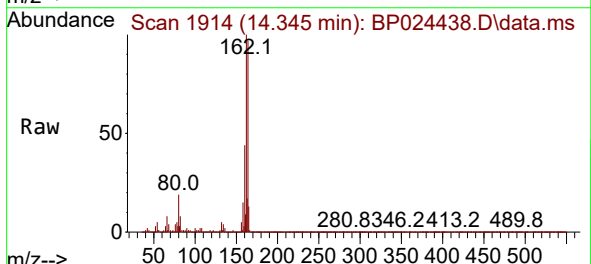
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-236

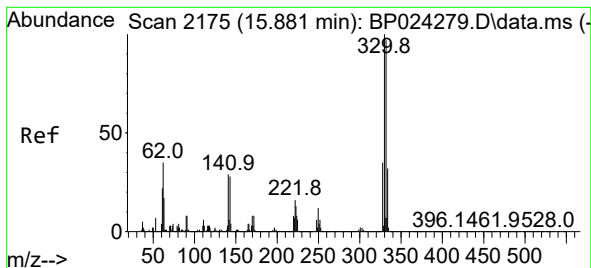
Tgt Ion: 82 Resp: 724378  
Ion Ratio Lower Upper  
82 100  
128 46.9 36.5 54.7  
54 45.8 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.345 min Scan# 1914  
Delta R.T. -0.006 min  
Lab File: BP024438.D  
Acq: 28 Apr 2025 15:41

Tgt Ion: 164 Resp: 436543  
Ion Ratio Lower Upper  
164 100  
162 102.7 80.6 120.8  
160 45.0 35.3 52.9

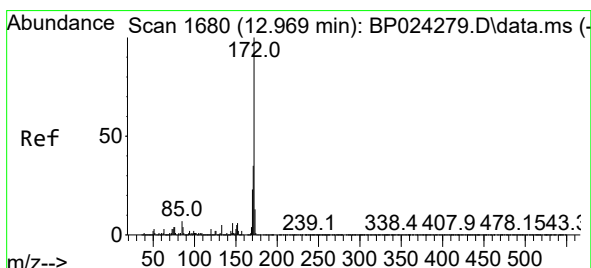
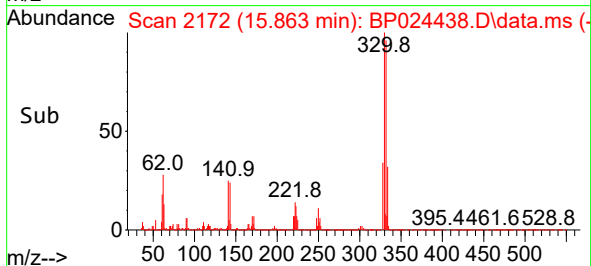
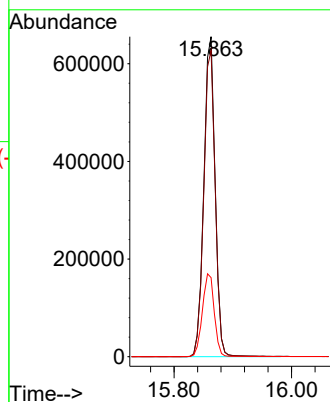
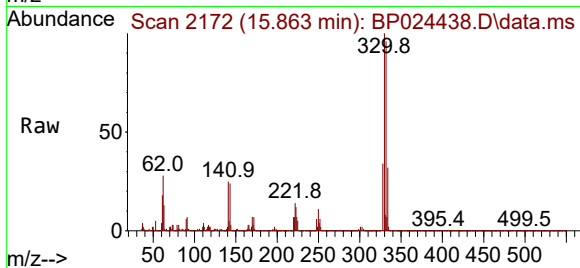




#42  
2,4,6-Tribromophenol  
Concen: 144.425 ng  
RT: 15.863 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BP024438.D  
Acq: 28 Apr 2025 15:41

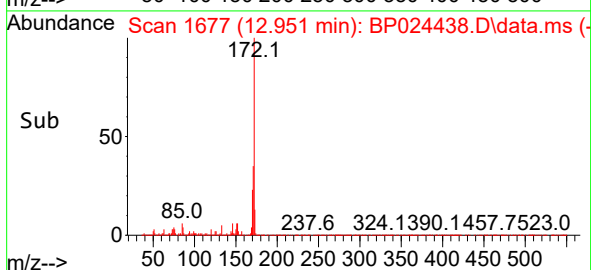
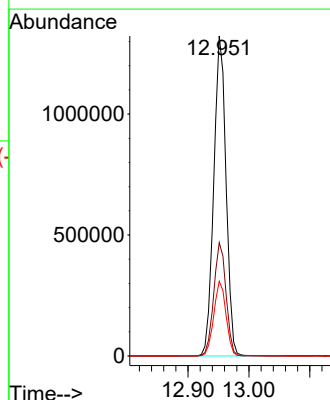
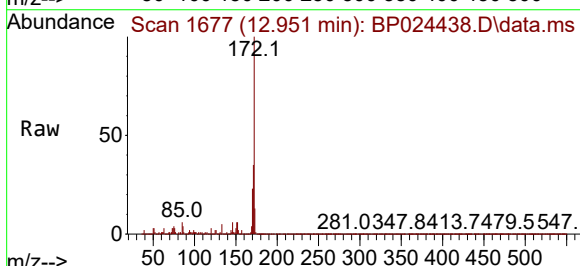
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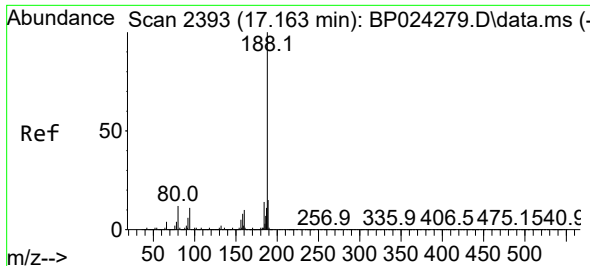
Tgt Ion:330 Resp: 872296  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.1 115.7  
141 27.3 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 64.954 ng  
RT: 12.951 min Scan# 1677  
Delta R.T. -0.012 min  
Lab File: BP024438.D  
Acq: 28 Apr 2025 15:41

Tgt Ion:172 Resp: 1851942  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.2 42.2  
170 23.4 18.6 27.8

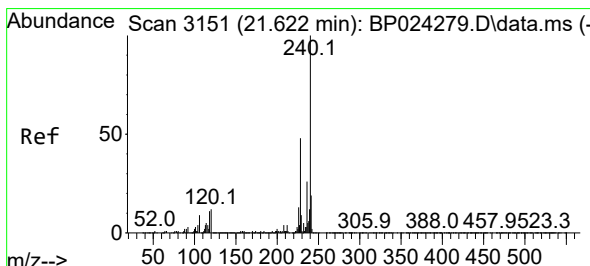
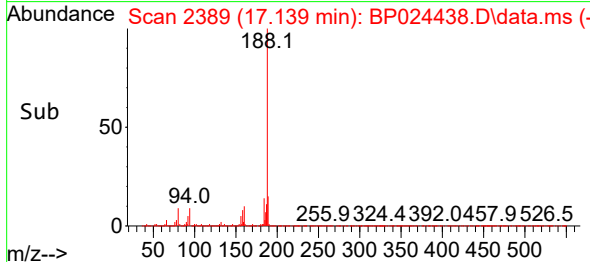
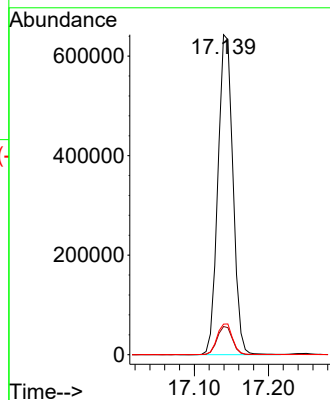
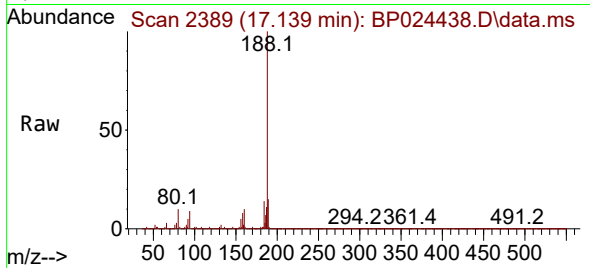




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.139 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP024438.D  
Acq: 28 Apr 2025 15:41

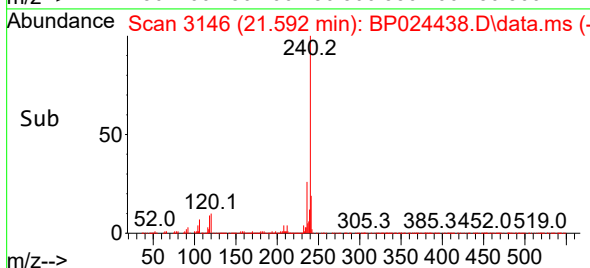
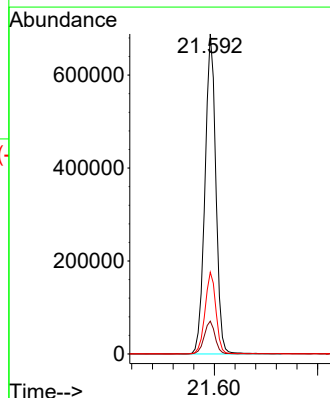
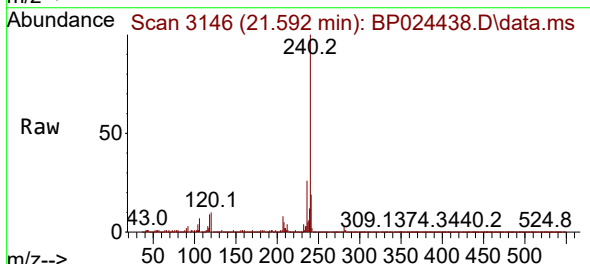
Instrument :  
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VNJ-236

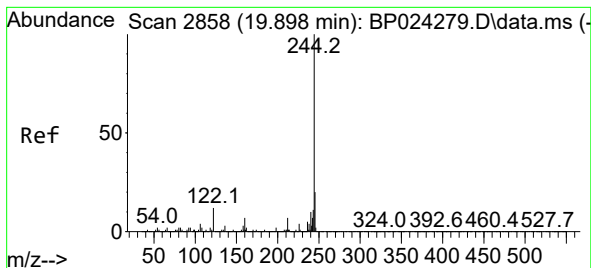
Tgt Ion:188 Resp: 904908  
Ion Ratio Lower Upper  
188 100  
94 8.8 8.6 13.0  
80 9.5 9.8 14.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.592 min Scan# 3146  
Delta R.T. 0.000 min  
Lab File: BP024438.D  
Acq: 28 Apr 2025 15:41

Tgt Ion:240 Resp: 1003690  
Ion Ratio Lower Upper  
240 100  
120 10.3 9.8 14.8  
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 69.113 ng

RT: 19.874 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024438.D

Acq: 28 Apr 2025 15:41

Instrument :

BNA\_P

ClientSampleId :

VNJ-236

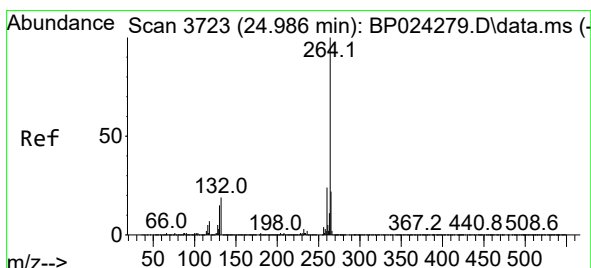
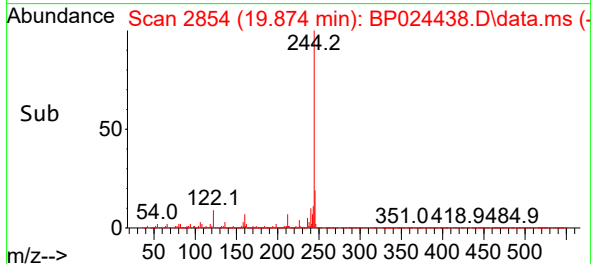
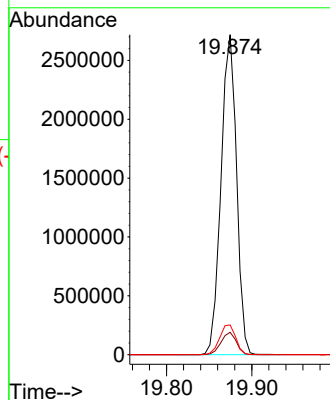
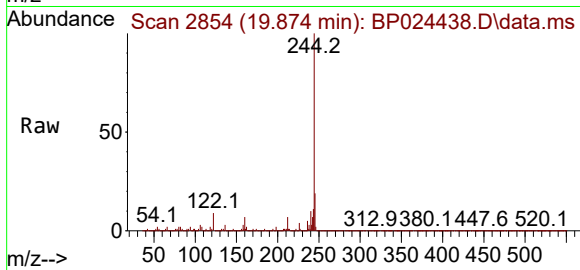
Tgt Ion:244 Resp: 3441471

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.3 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 3715

Delta R.T. 0.006 min

Lab File: BP024438.D

Acq: 28 Apr 2025 15:41

Tgt Ion:264 Resp: 1149985

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.6 17.8 26.6

