

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020325\  
 Data File : BF141378.D  
 Acq On : 03 Feb 2025 19:31  
 Operator : RC/JU  
 Sample : Q1235-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 JPP-51.2-012925

Quant Time: Feb 04 00:18:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 29 17:41:25 2025  
 Response via : Initial Calibration

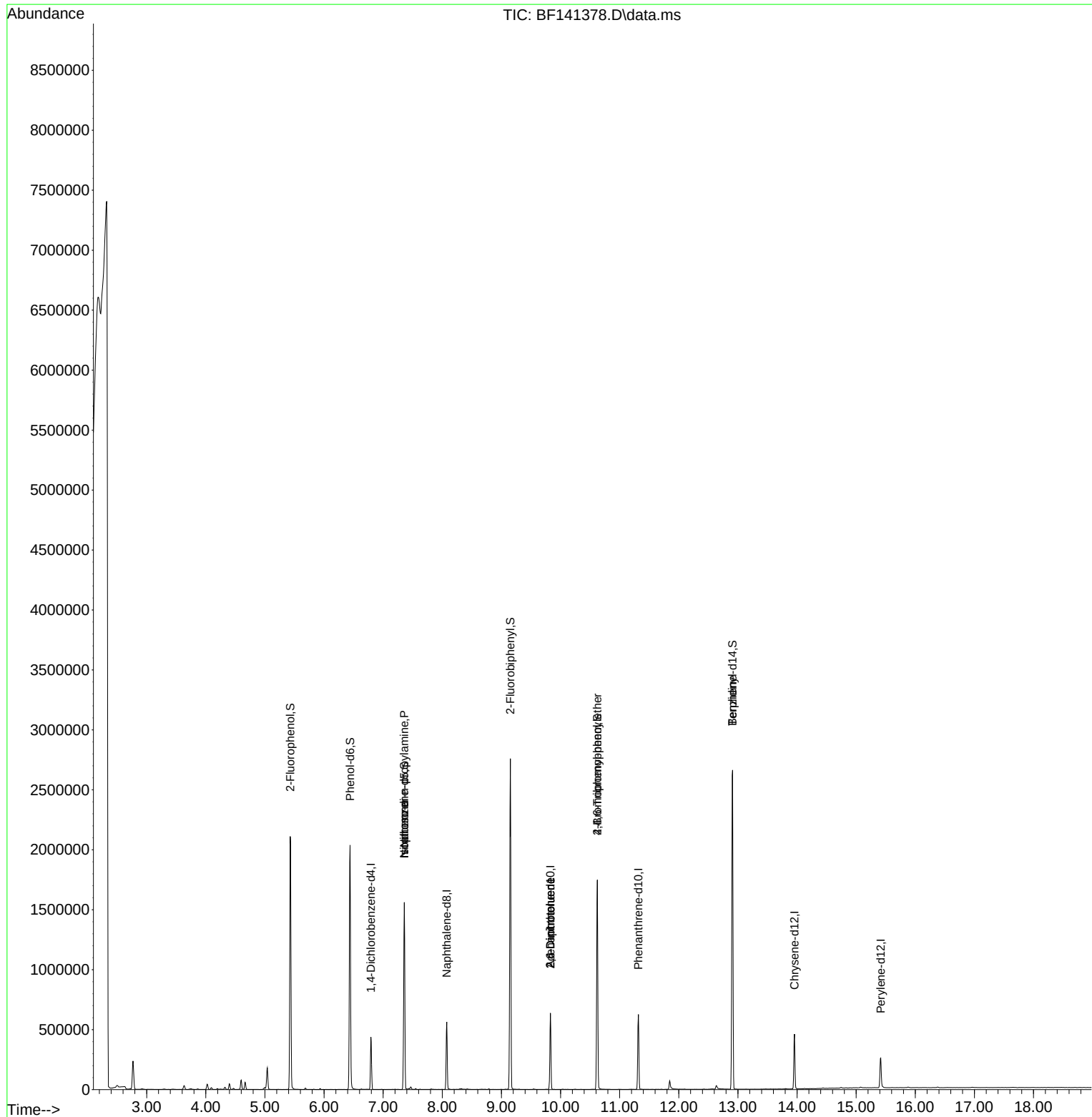
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.793  | 152  | 86999    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.075  | 136  | 348940   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.828  | 164  | 188071   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.316 | 188  | 314025   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.957 | 240  | 221716   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 15.415 | 264  | 151667   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 782942   | 138.160 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.440  | 99   | 936158   | 129.858 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 700542   | 105.835 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 285652   | 165.674 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 1248913  | 102.212 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.910 | 244  | 1387124  | 96.484  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.357  | 70   | 95982    | 22.407  | ng    | # 75     |
| 25) Isophorone                | 7.357  | 82   | 694868   | 60.730  | ng    | # 64     |
| 51) 2,6-Dinitrotoluene        | 9.828  | 165  | 24323    | 8.247   | ng    | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.828  | 165  | 24323    | 6.370   | ng    | # 23     |
| 67) 4-Bromophenyl-phenylether | 10.622 | 248  | 20277    | 5.768   | ng    | # 1      |
| 77) Benzidine                 | 12.910 | 184  | 18461    | 2.597   | ng    | # 92     |
| -----                         |        |      |          |         |       |          |

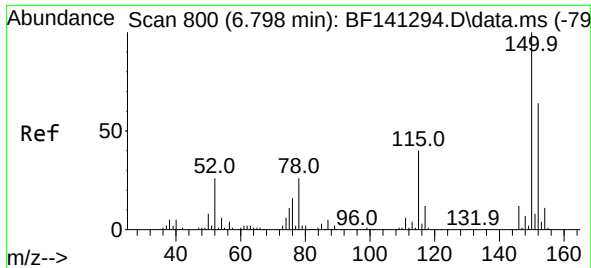
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020325\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 29 17:41:25 2025  
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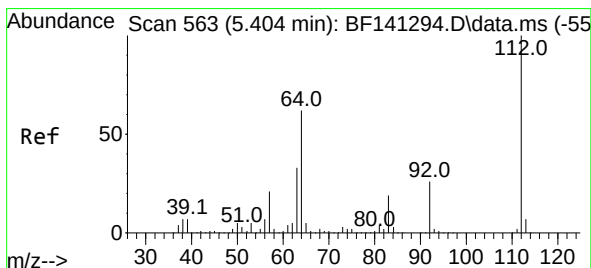
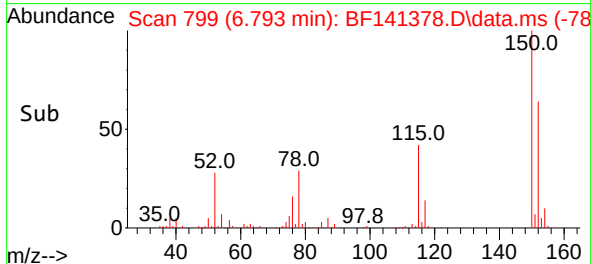
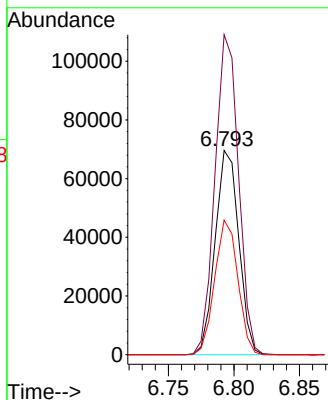
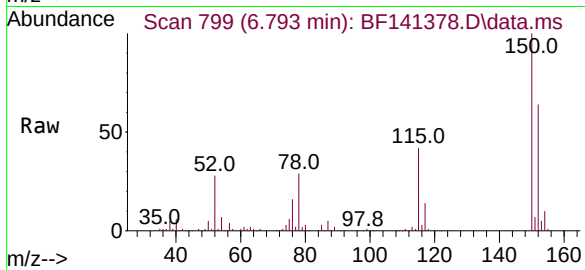




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.793 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

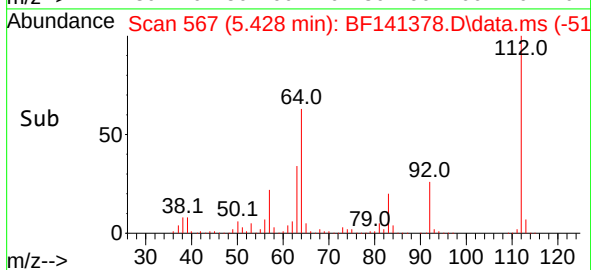
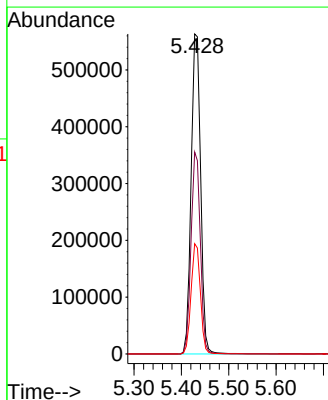
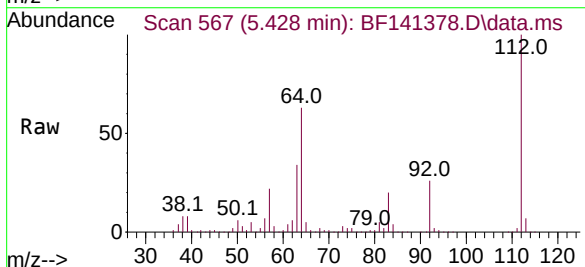
Instrument :  
BNA\_F  
ClientSampleId :  
JPP-51.2-012925

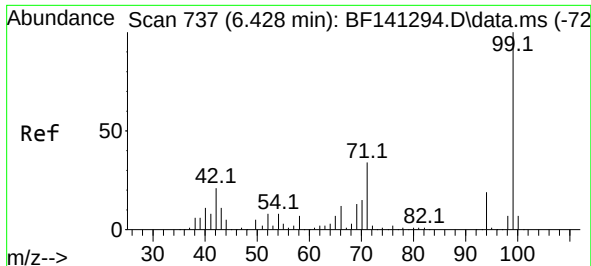
Tgt Ion:152 Resp: 86999  
Ion Ratio Lower Upper  
152 100  
150 156.8 125.9 188.9  
115 65.9 49.7 74.5



#5  
2-Fluorophenol  
Concen: 138.160 ng  
RT: 5.428 min Scan# 567  
Delta R.T. 0.018 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

Tgt Ion:112 Resp: 782942  
Ion Ratio Lower Upper  
112 100  
64 63.1 49.8 74.8  
63 34.4 26.1 39.1

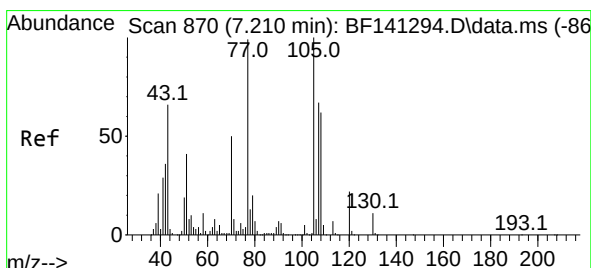
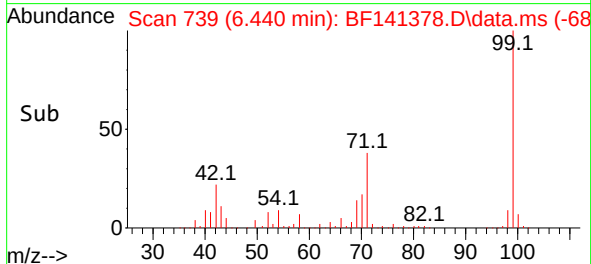
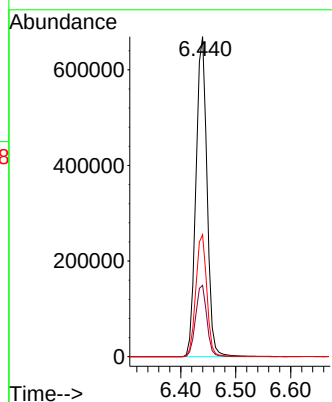
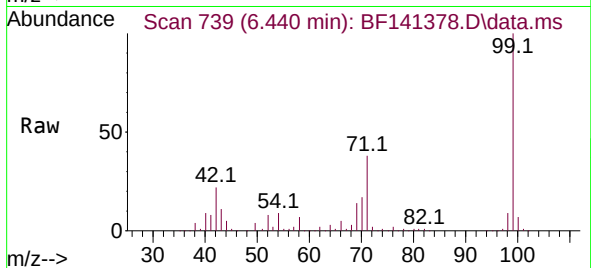




#7  
Phenol-d6  
Concen: 129.858 ng  
RT: 6.440 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

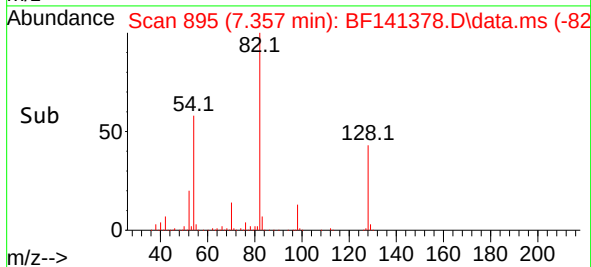
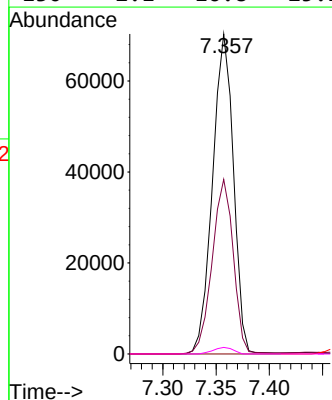
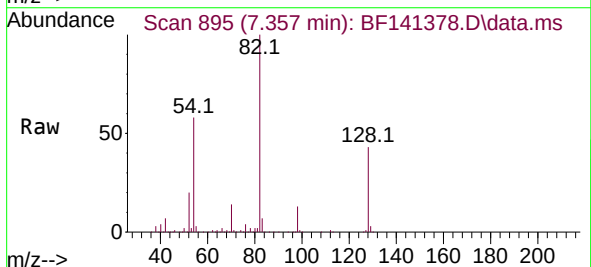
Instrument :  
BNA\_F  
ClientSampleId :  
JPP-51.2-012925

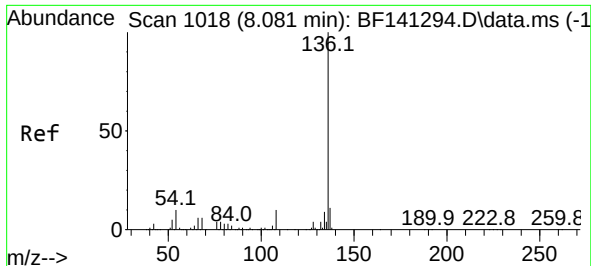
Tgt Ion: 99 Resp: 936158  
Ion Ratio Lower Upper  
99 100  
42 22.3 17.1 25.7  
71 38.1 26.9 40.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 22.407 ng  
RT: 7.357 min Scan# 895  
Delta R.T. 0.129 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

Tgt Ion: 70 Resp: 95982  
Ion Ratio Lower Upper  
70 100  
42 54.5 56.8 85.2#  
101 0.0 7.7 11.5#  
130 2.1 16.8 25.2#



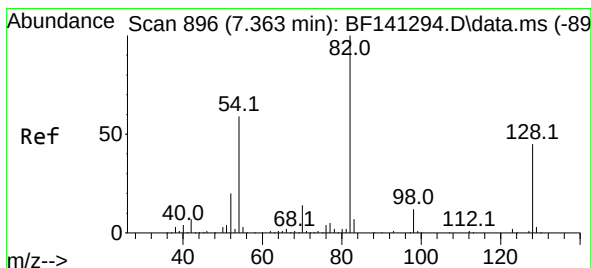
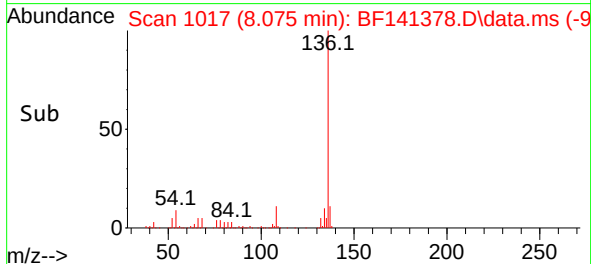
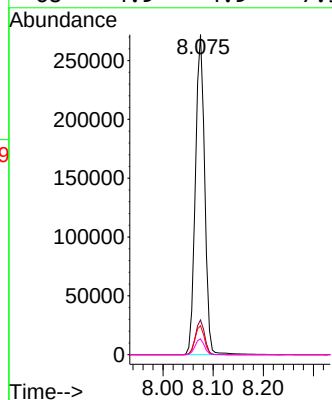
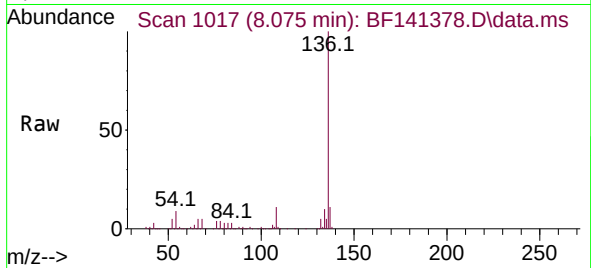


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1018  
Delta R.T. -0.012 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

Instrument :  
BNA\_F  
ClientSampleId :  
JPP-51.2-012925

Tgt Ion:136 Resp: 348940

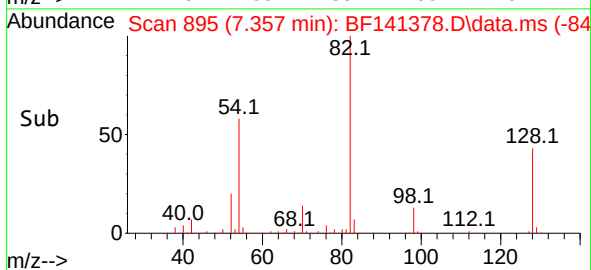
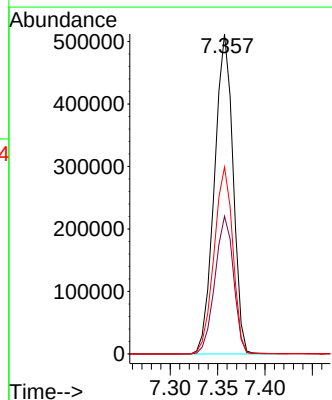
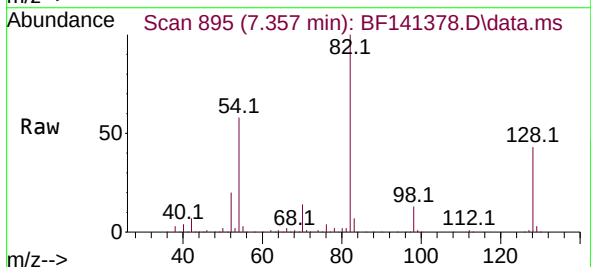
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 13.0  |
| 54  | 9.1   | 7.8   | 11.8  |
| 68  | 4.9   | 4.9   | 7.3   |

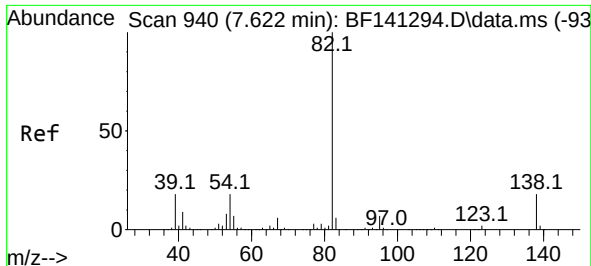


#23  
Nitrobenzene-d5  
Concen: 105.835 ng  
RT: 7.357 min Scan# 895  
Delta R.T. -0.012 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

Tgt Ion: 82 Resp: 700542

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.1  | 35.7  | 53.5  |
| 54  | 58.4  | 47.1  | 70.7  |

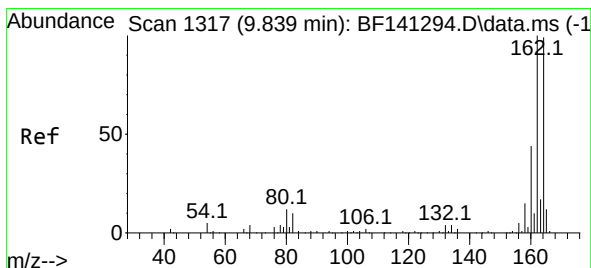
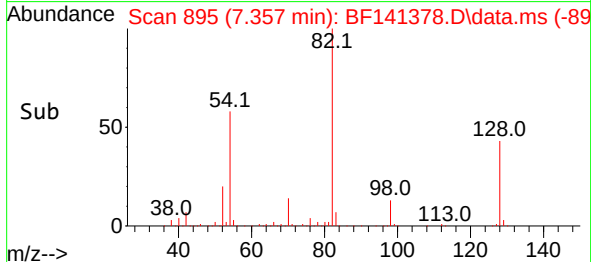
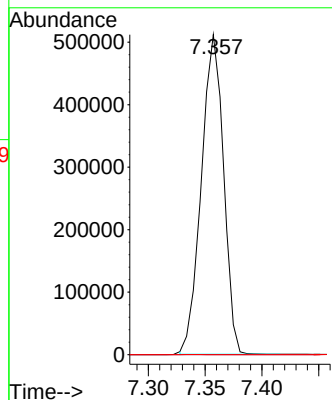
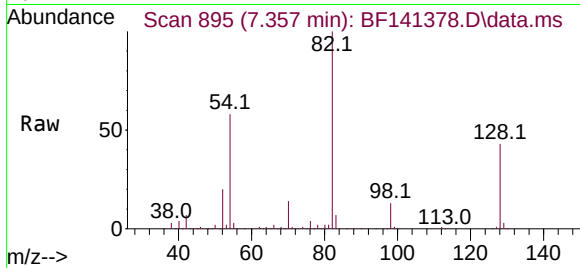




#25  
Isophorone  
Concen: 60.730 ng  
RT: 7.357 min Scan# 895  
Delta R.T. -0.271 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

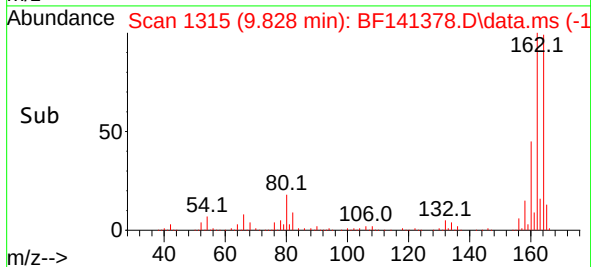
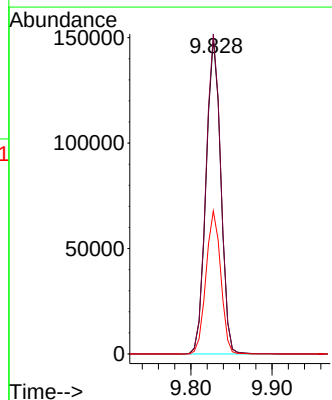
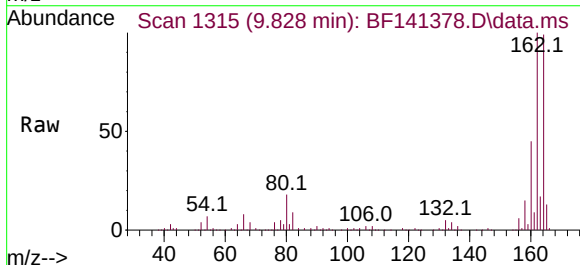
Instrument :  
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ClientSampleId :  
JPP-51.2-012925

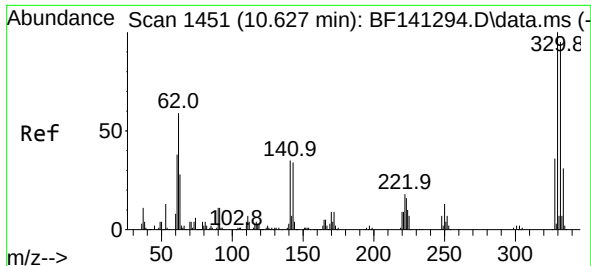
Tgt Ion: 82 Resp: 694868  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 14.7 22.1#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.828 min Scan# 1315  
Delta R.T. -0.012 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

Tgt Ion:164 Resp: 188071  
Ion Ratio Lower Upper  
164 100  
162 101.5 80.6 121.0  
160 45.4 35.8 53.6

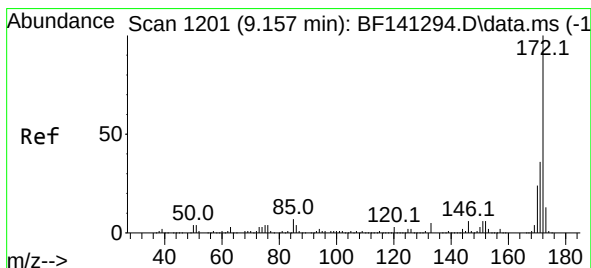
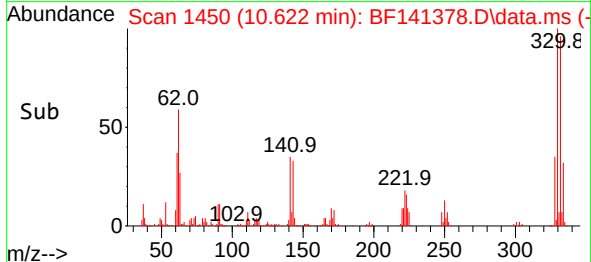
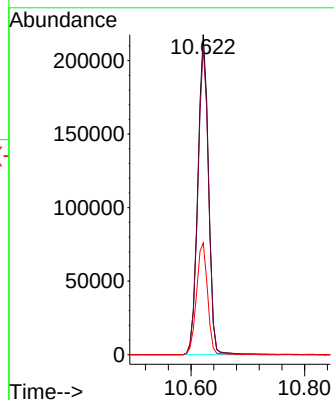
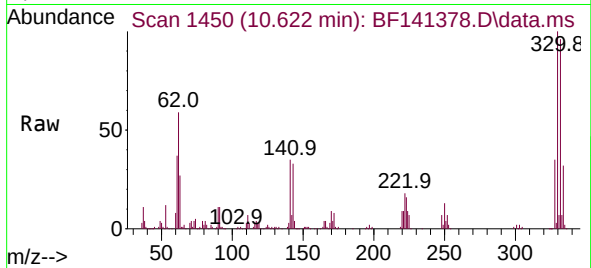




#42  
2,4,6-Tribromophenol  
Concen: 165.674 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

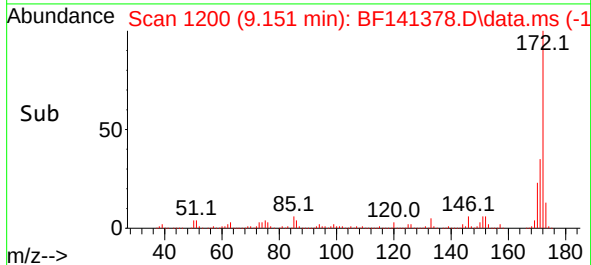
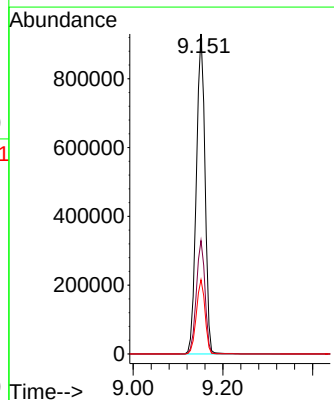
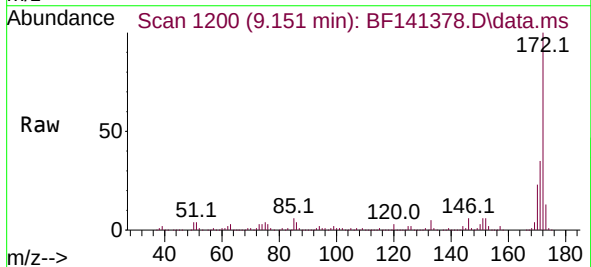
Instrument :  
BNA\_F  
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JPP-51.2-012925

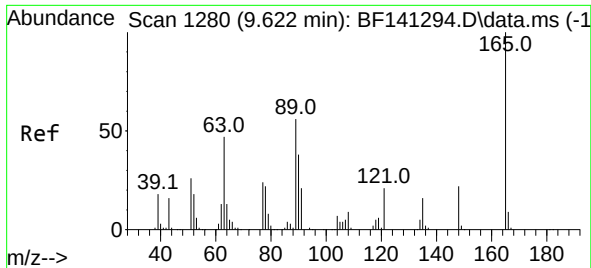
Tgt Ion: 330 Resp: 285652  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.1 114.1  
141 36.2 28.8 43.2



#45  
2-Fluorobiphenyl  
Concen: 102.212 ng  
RT: 9.151 min Scan# 1200  
Delta R.T. -0.012 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

Tgt Ion: 172 Resp: 1248913  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.8 43.2  
170 23.2 19.0 28.6

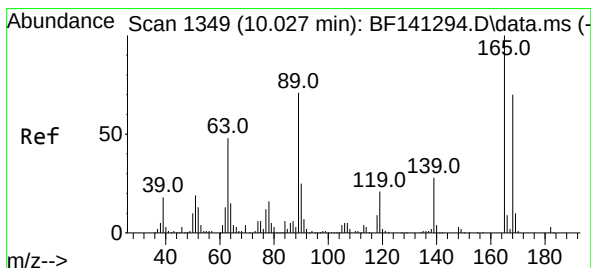
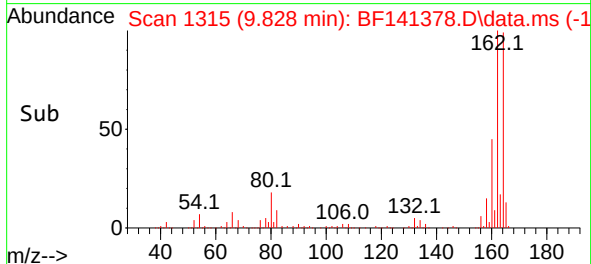
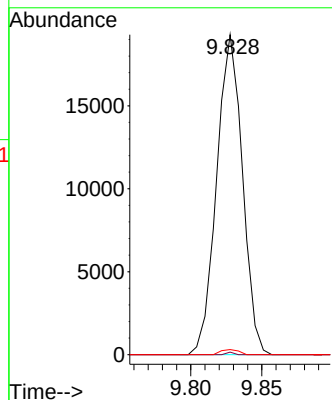
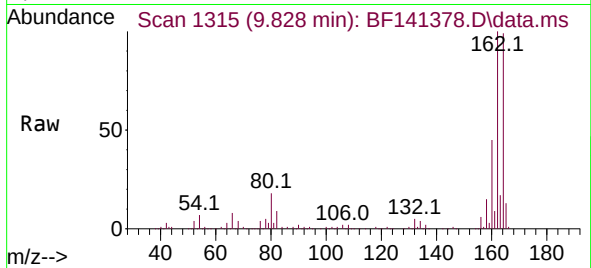




#51  
2,6-Dinitrotoluene  
Concen: 8.247 ng  
RT: 9.828 min Scan# 1315  
Delta R.T. 0.200 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

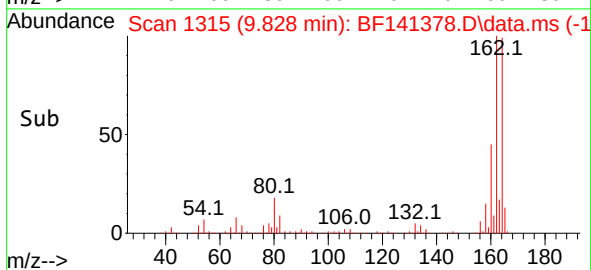
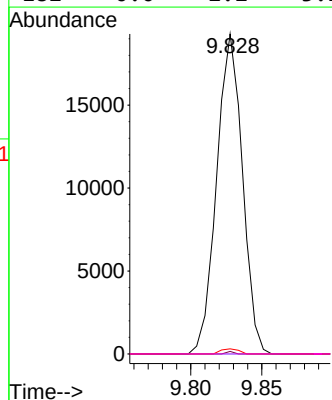
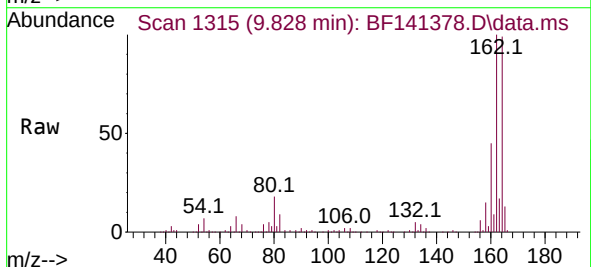
Instrument :  
BNA\_F  
ClientSampleId :  
JPP-51.2-012925

Tgt Ion:165 Resp: 24323  
Ion Ratio Lower Upper  
165 100  
63 0.8 48.1 72.1#  
89 1.6 44.9 67.3#

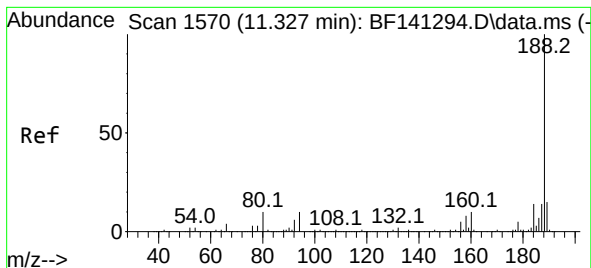


#57  
2,4-Dinitrotoluene  
Concen: 6.370 ng  
RT: 9.828 min Scan# 1315  
Delta R.T. -0.206 min  
Lab File: BF141378.D  
Acq: 03 Feb 2025 19:31

Tgt Ion:165 Resp: 24323  
Ion Ratio Lower Upper  
165 100  
63 0.8 39.2 58.8#  
89 1.6 56.9 85.3#  
182 0.0 2.2 3.2#







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141378.D

Acq: 03 Feb 2025 19:31

Instrument :

BNA\_F

ClientSampleId :

JPP-51.2-012925

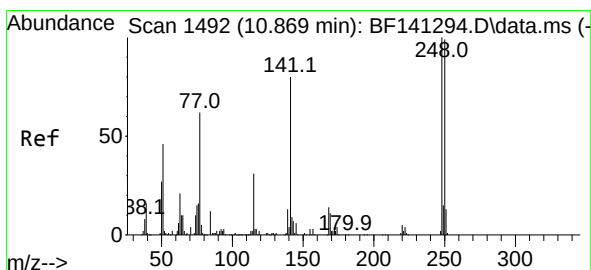
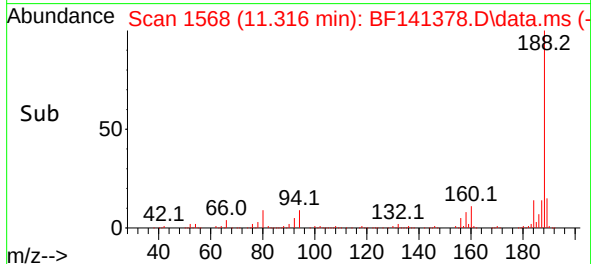
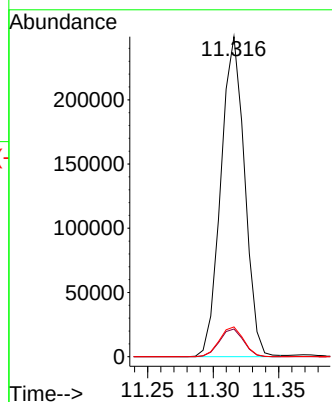
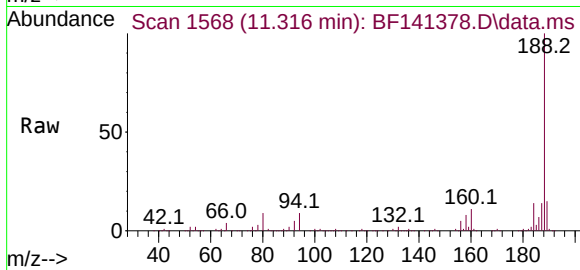
Tgt Ion:188 Resp: 314025

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

80 9.3 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 5.768 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF141378.D

Acq: 03 Feb 2025 19:31

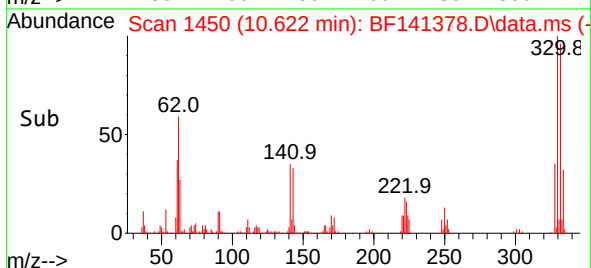
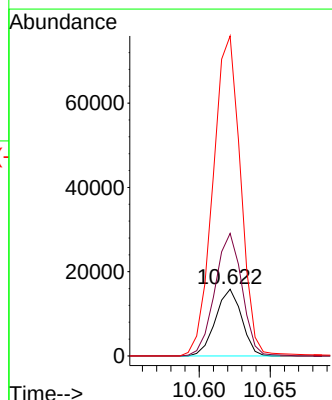
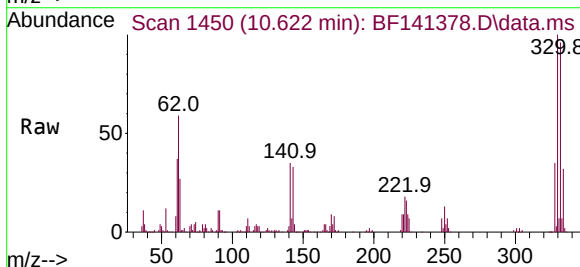
Tgt Ion:248 Resp: 20277

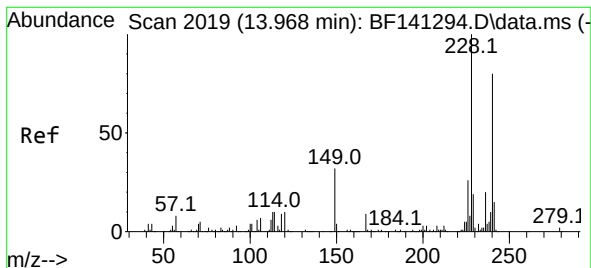
Ion Ratio Lower Upper

248 100

250 183.5 79.0 118.4#

141 479.2 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141378.D

Acq: 03 Feb 2025 19:31

Instrument :

BNA\_F

ClientSampleId :

JPP-51.2-012925

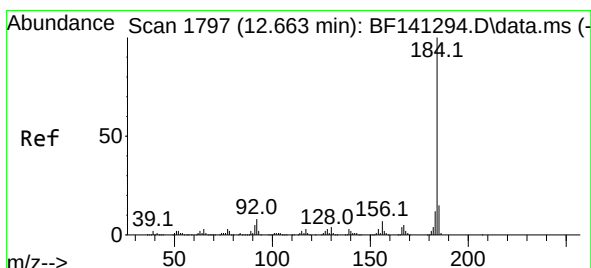
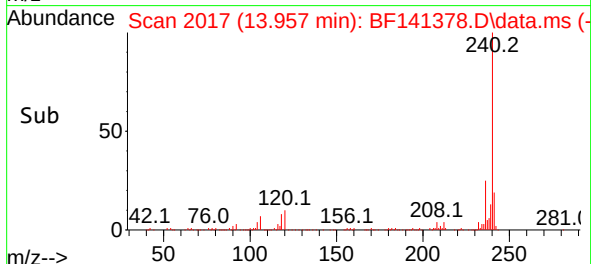
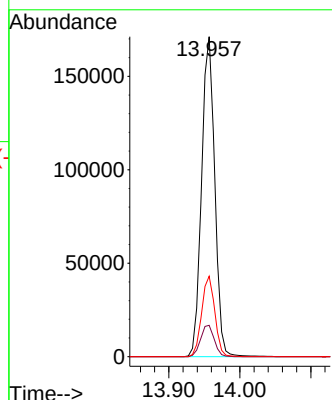
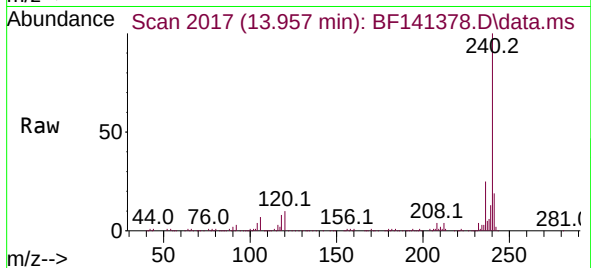
Tgt Ion:240 Resp: 221716

Ion Ratio Lower Upper

240 100

120 9.8 10.0 15.0#

236 25.1 19.7 29.5



#77

Benzidine

Concen: 2.597 ng

RT: 12.910 min Scan# 1839

Delta R.T. 0.247 min

Lab File: BF141378.D

Acq: 03 Feb 2025 19:31

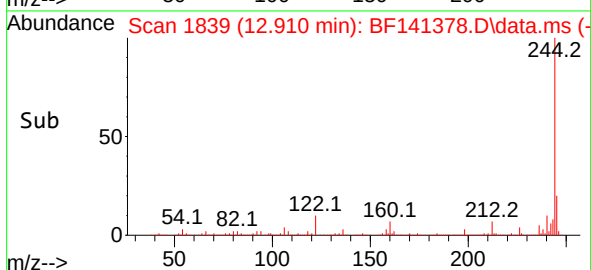
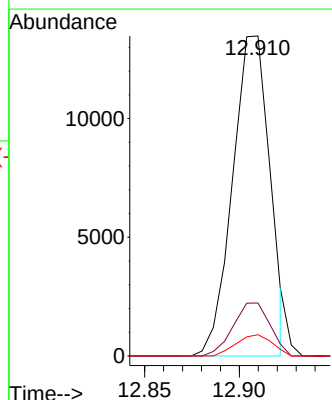
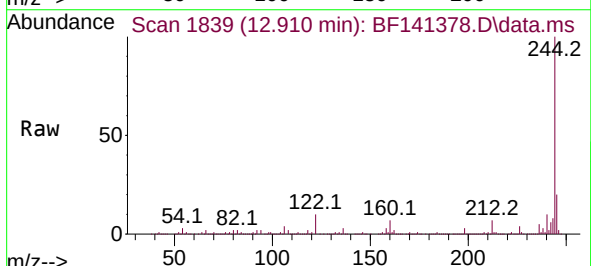
Tgt Ion:184 Resp: 18461

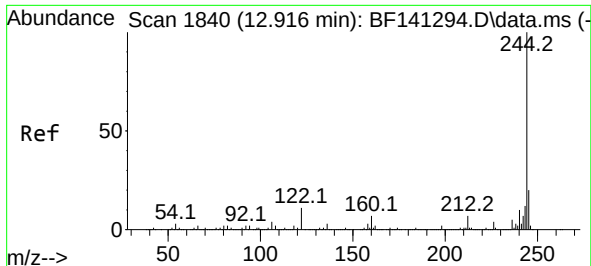
Ion Ratio Lower Upper

184 100

185 16.6 11.9 17.9

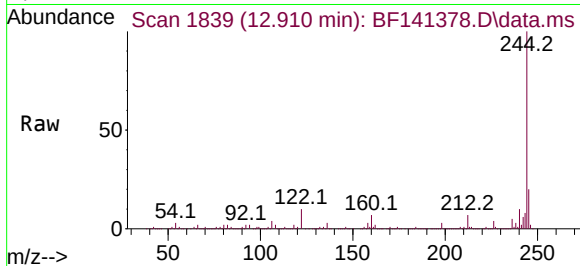
183 6.6 9.5 14.3#



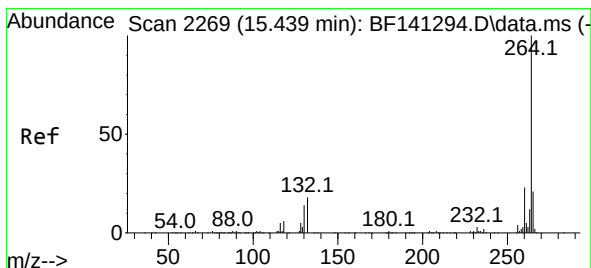
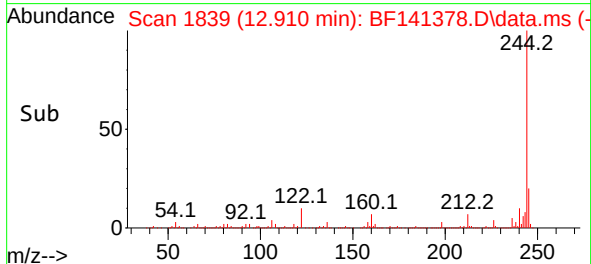
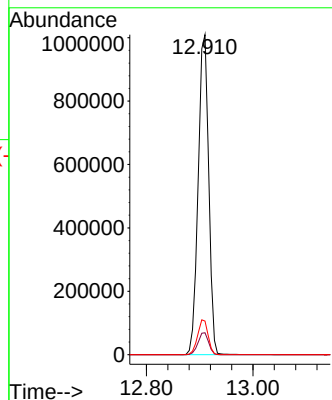


#79  
 Terphenyl-d14  
 Concen: 96.484 ng  
 RT: 12.910 min Scan# 1839  
 Delta R.T. -0.006 min  
 Lab File: BF141378.D  
 Acq: 03 Feb 2025 19:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 JPP-51.2-012925



Tgt Ion:244 Resp: 1387124  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.4 8.0  
 122 10.5 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.415 min Scan# 2265  
 Delta R.T. -0.024 min  
 Lab File: BF141378.D  
 Acq: 03 Feb 2025 19:31

Tgt Ion:264 Resp: 151667  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.6 27.8  
 265 21.7 16.7 25.1

