

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101625\  
 Data File : BF143982.D  
 Acq On : 16 Oct 2025 16:38  
 Operator : RC/JU  
 Sample : Q3348-08  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WCS-TP2

Quant Time: Oct 16 17:29:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

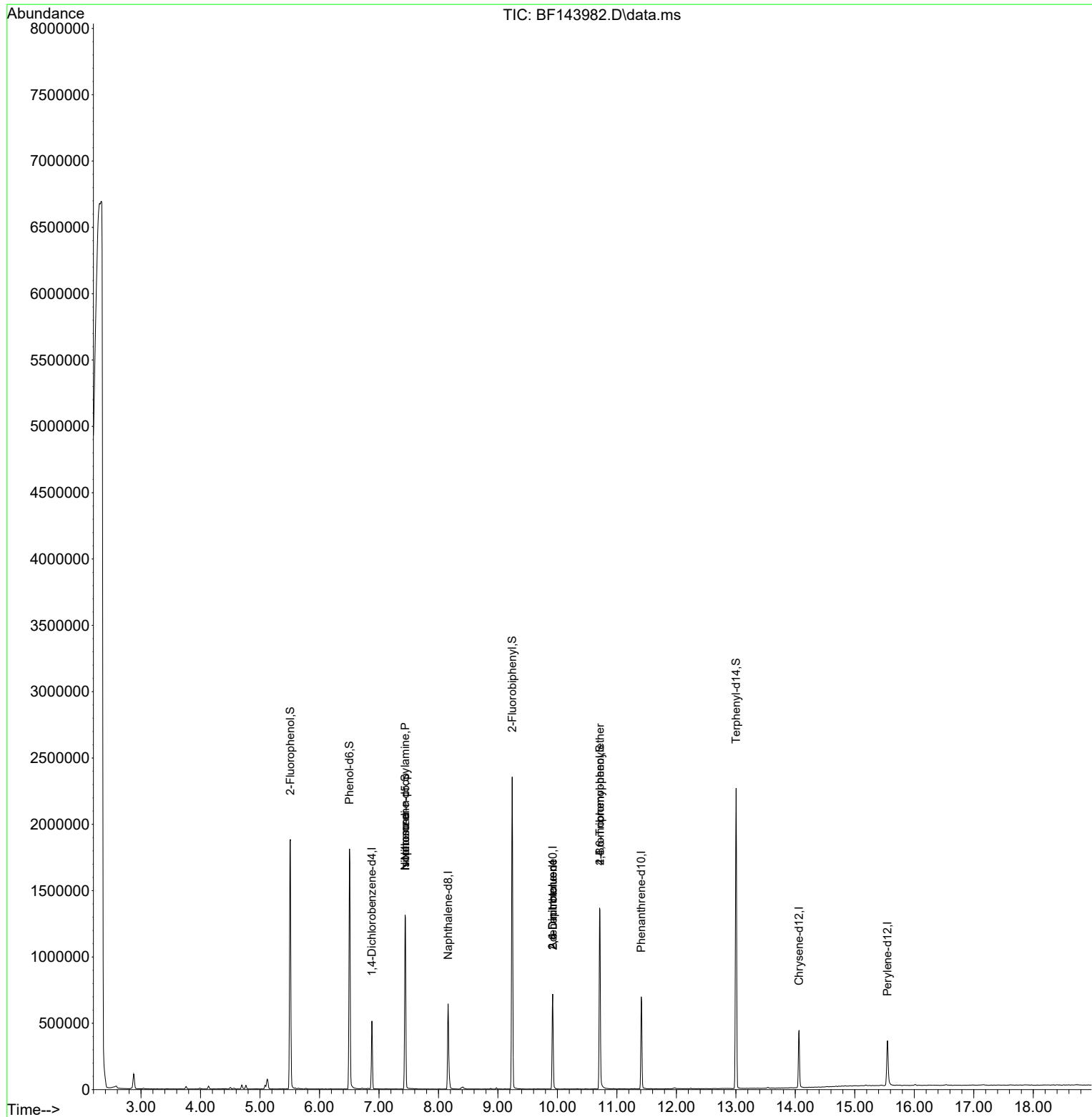
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 103400   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8            | 8.163  | 136  | 405500   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10          | 9.922  | 164  | 217773   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10          | 11.410 | 188  | 382789   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12              | 14.063 | 240  | 231729   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12              | 15.551 | 264  | 248294   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |        |       |             |
| 5) 2-Fluorophenol             | 5.510  | 112  | 758525   | 116.49 | ng    | 0.01        |
| 7) Phenol-d6                  | 6.504  | 99   | 845145   | 108.89 | ng    | -0.01       |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 601211   | 90.08  | ng    | -0.02       |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 292869   | 135.02 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1119752  | 81.59  | ng    | -0.01       |
| 79) Terphenyl-d14             | 13.004 | 244  | 1217749  | 89.81  | ng    | 0.00        |
| Target Compounds              |        |      |          |        |       |             |
| 19) n-Nitroso-di-n-propyla... | 7.439  | 70   | 86031    | 16.19  | ng    | Qvalue # 76 |
| 25) Isophorone                | 7.439  | 82   | 533847   | 37.93  | ng    | # 68        |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 27553    | 10.74  | ng    | # 26        |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 27553    | 7.90   | ng    | # 27        |
| 67) 4-Bromophenyl-phenylether | 10.716 | 248  | 17795    | 4.21   | ng    | # 1         |
| -----                         |        |      |          |        |       |             |

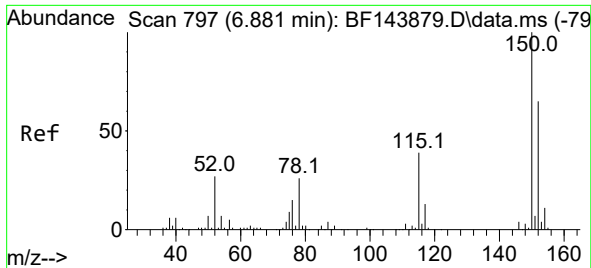
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101625\  
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Sample : Q3348-08  
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QLast Update : Mon Oct 06 15:29:47 2025  
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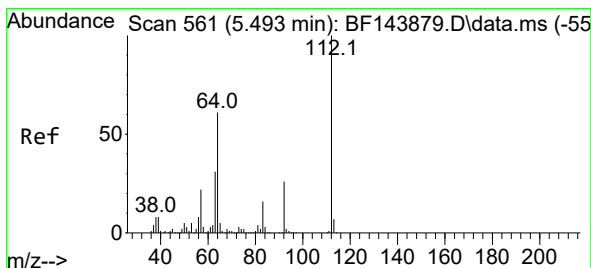
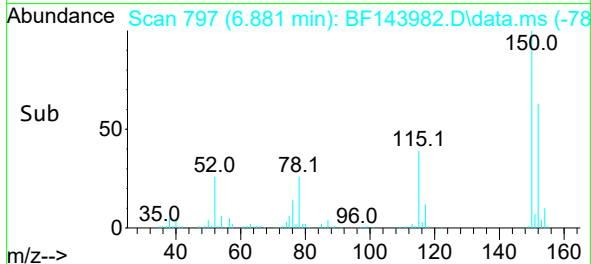
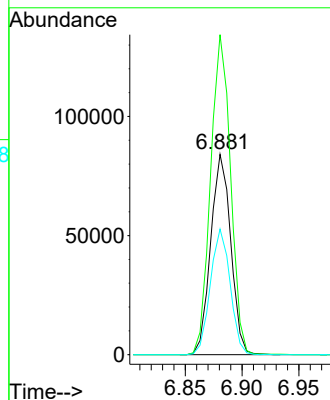
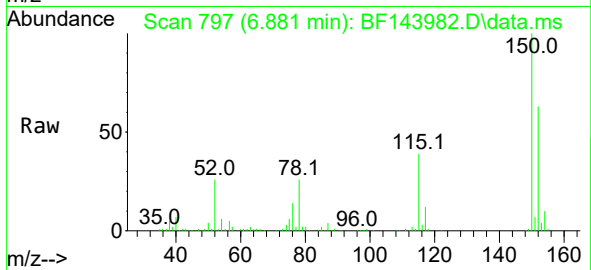




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.881 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF143982.D  
 Acq: 16 Oct 2025 16:38

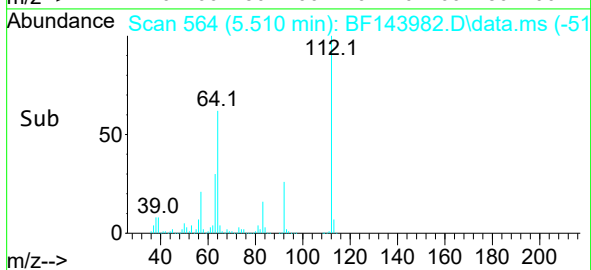
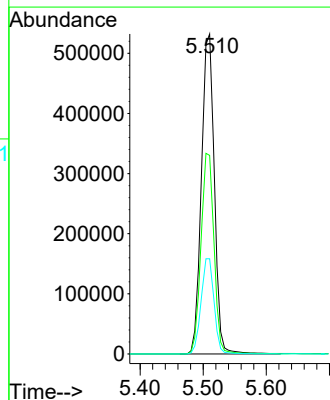
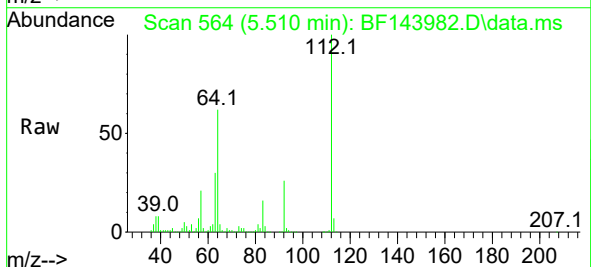
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WCS-TP2

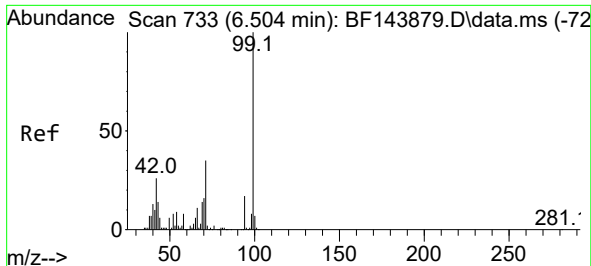
Tgt Ion:152 Resp: 103400  
 Ion Ratio Lower Upper  
 152 100  
 150 159.7 124.4 186.6  
 115 62.7 48.1 72.1



#5  
 2-Fluorophenol  
 Concen: 116.49 ng  
 RT: 5.510 min Scan# 564  
 Delta R.T. 0.012 min  
 Lab File: BF143982.D  
 Acq: 16 Oct 2025 16:38

Tgt Ion:112 Resp: 758525  
 Ion Ratio Lower Upper  
 112 100  
 64 62.0 49.1 73.7  
 63 29.8 24.5 36.7

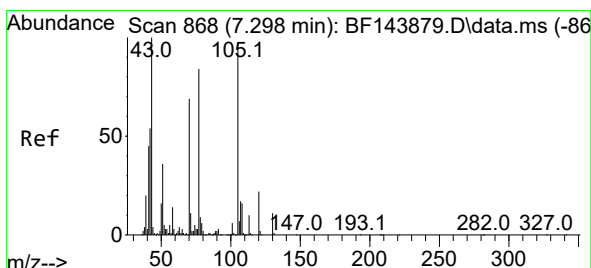
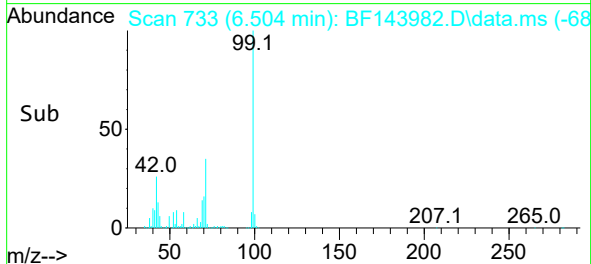
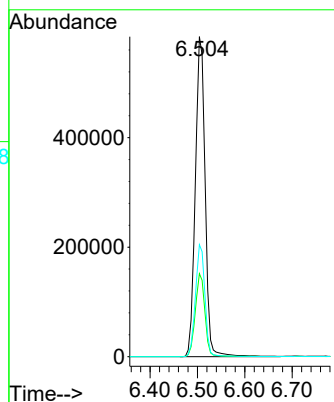
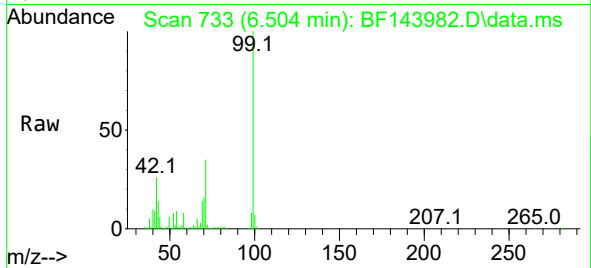




#7  
Phenol-d6  
Concen: 108.89 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

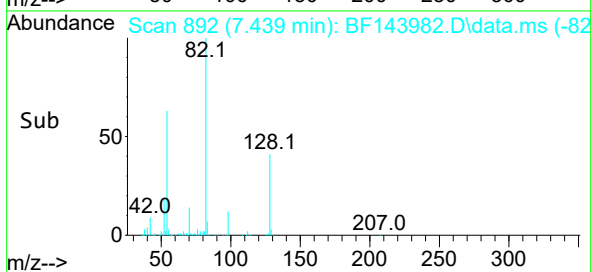
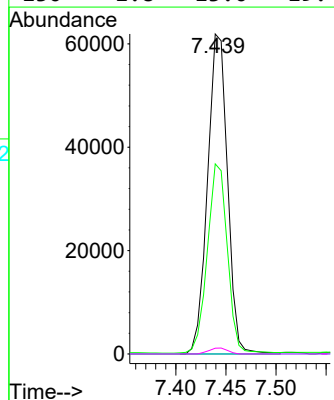
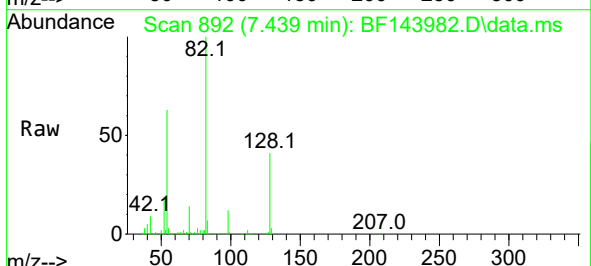
Instrument :  
BNA\_F  
ClientSampleId :  
WCS-TP2

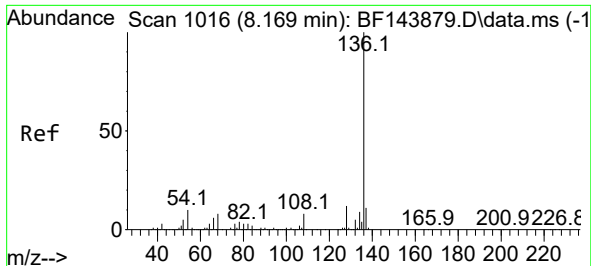
Tgt Ion: 99 Resp: 845145  
Ion Ratio Lower Upper  
99 100  
42 26.0 21.0 31.4  
71 35.0 27.8 41.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.19 ng  
RT: 7.439 min Scan# 892  
Delta R.T. 0.124 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

Tgt Ion: 70 Resp: 86031  
Ion Ratio Lower Upper  
70 100  
42 59.4 62.8 94.2#  
101 0.0 6.7 10.1#  
130 1.8 13.0 19.4#



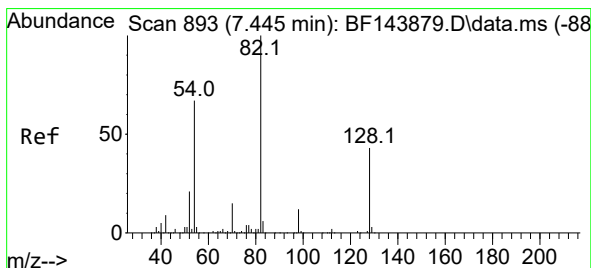
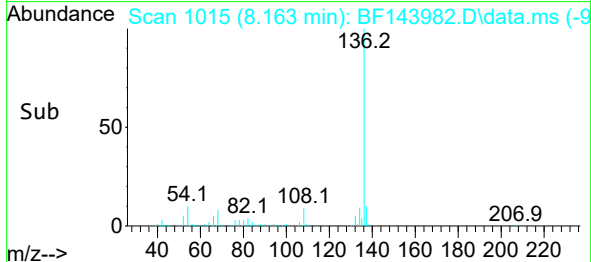
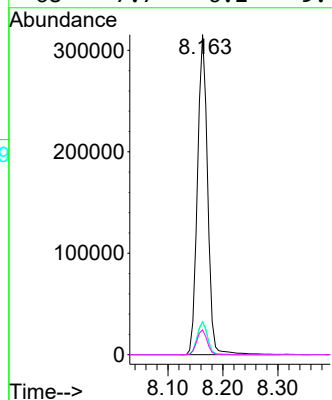
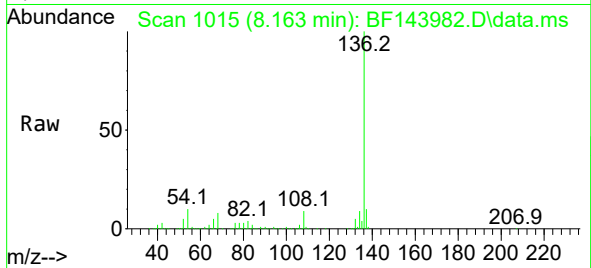


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.163 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
WCS-TP2

Tgt Ion:136 Resp: 405500

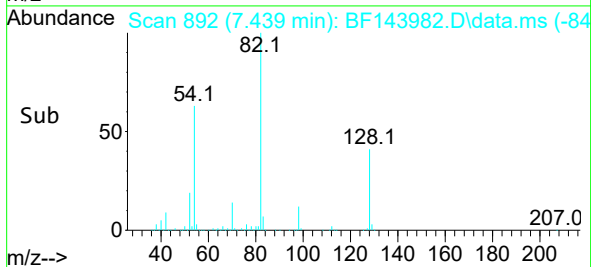
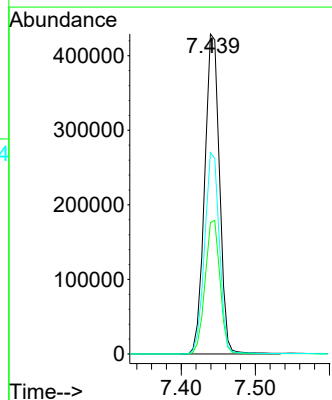
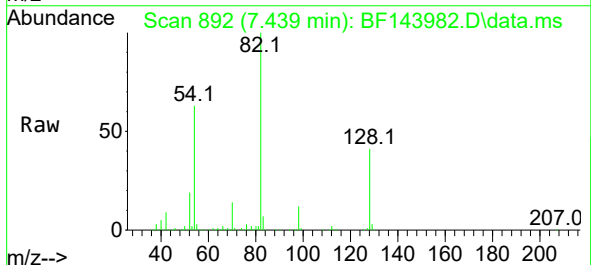
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.3  | 8.5   | 12.7  |
| 54  | 10.2  | 8.2   | 12.4  |
| 68  | 7.7   | 6.2   | 9.4   |

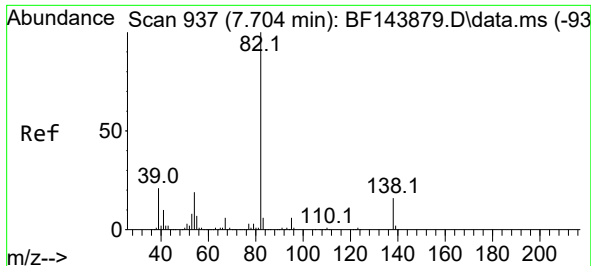


#23  
Nitrobenzene-d5  
Concen: 90.08 ng  
RT: 7.439 min Scan# 892  
Delta R.T. -0.018 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

Tgt Ion: 82 Resp: 601211

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.0  | 34.0  | 51.0  |
| 54  | 62.9  | 53.2  | 79.8  |

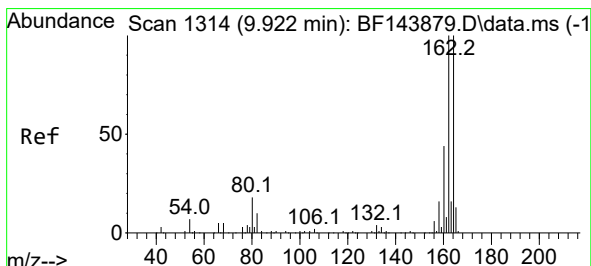
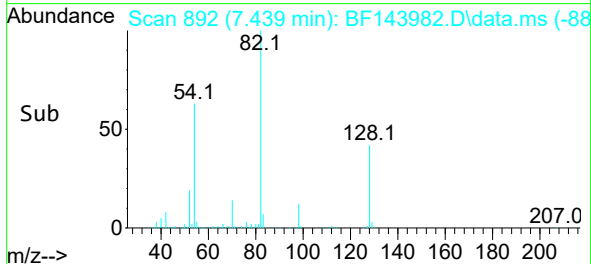
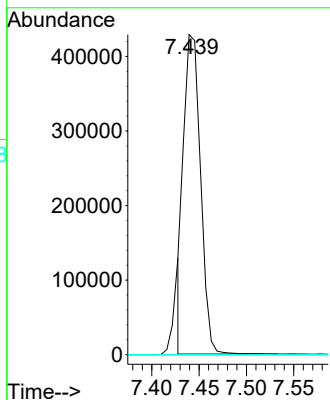
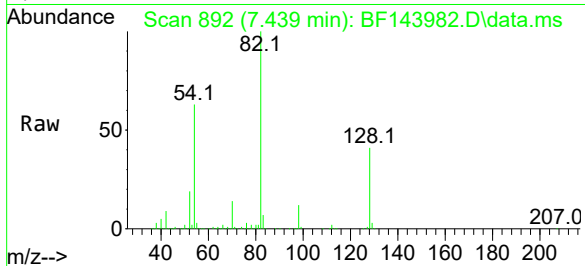




#25  
Isophorone  
Concen: 37.93 ng  
RT: 7.439 min Scan# 892  
Delta R.T. -0.282 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

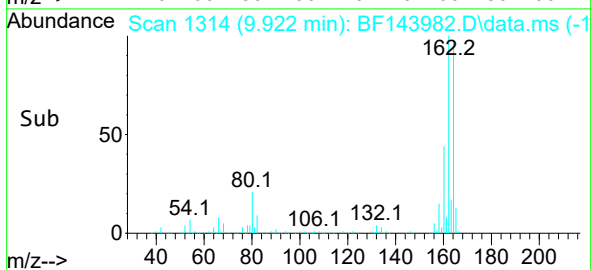
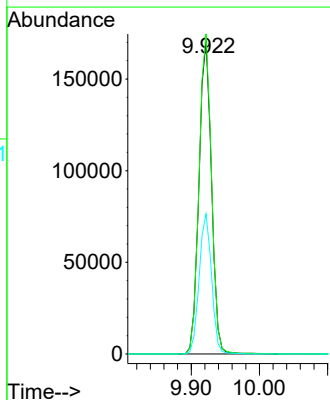
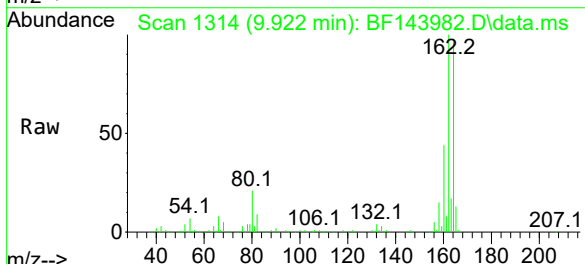
Instrument :  
BNA\_F  
ClientSampleId :  
WCS-TP2

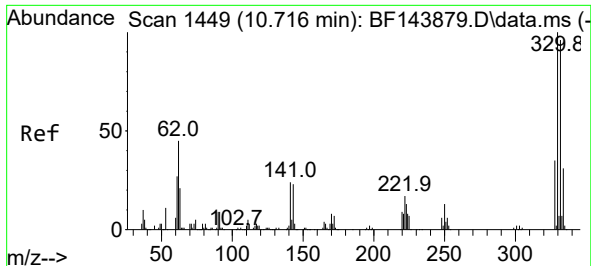
Tgt Ion: 82 Resp: 533847  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.1 7.7#  
138 0.0 12.9 19.3#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. -0.005 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

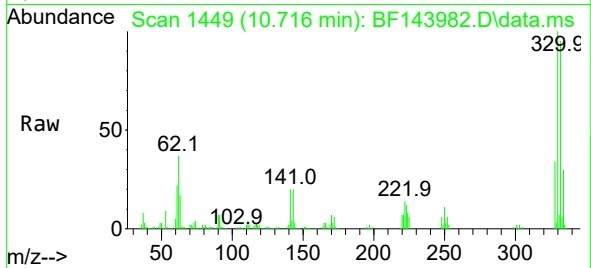
Tgt Ion:164 Resp: 217773  
Ion Ratio Lower Upper  
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162 102.1 80.2 120.2  
160 44.7 35.4 53.0



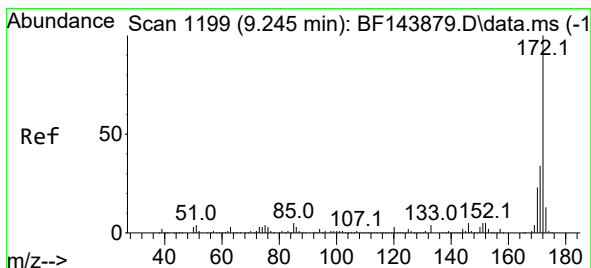
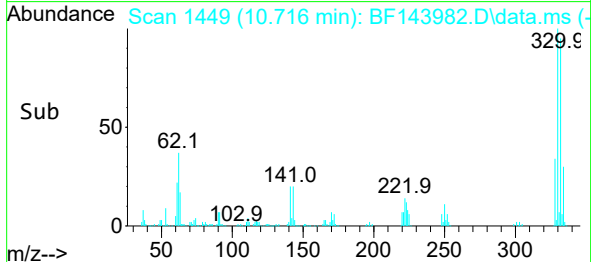
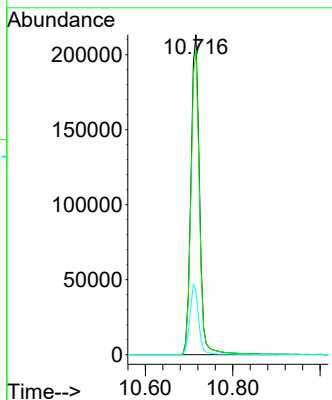


#42  
2,4,6-Tribromophenol  
Concen: 135.02 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
WCS-TP2

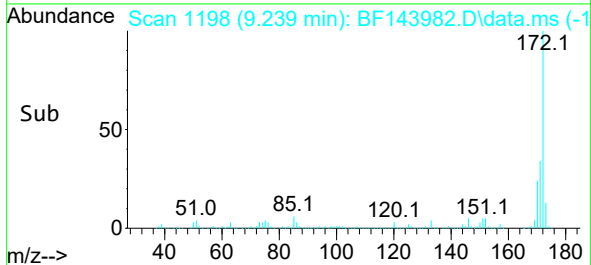
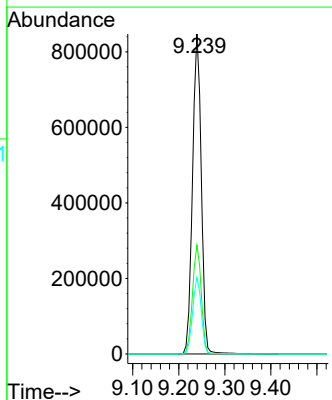
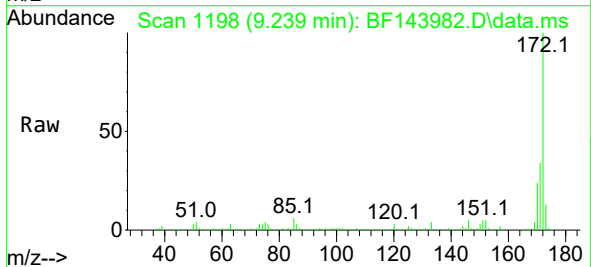


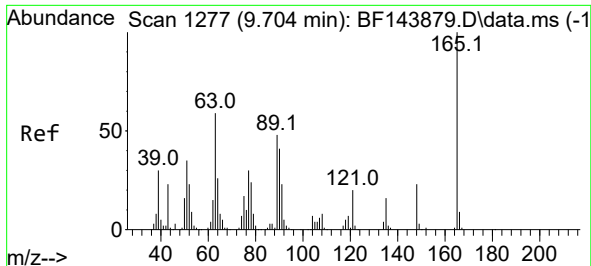
Tgt Ion:330 Resp: 292869  
Ion Ratio Lower Upper  
330 100  
332 94.7 76.9 115.3  
141 22.2 20.2 30.4



#45  
2-Fluorobiphenyl  
Concen: 81.59 ng  
RT: 9.239 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

Tgt Ion:172 Resp: 1119752  
Ion Ratio Lower Upper  
172 100  
171 34.0 27.4 41.0  
170 23.9 18.6 28.0

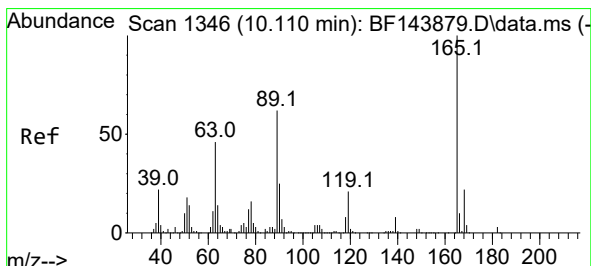
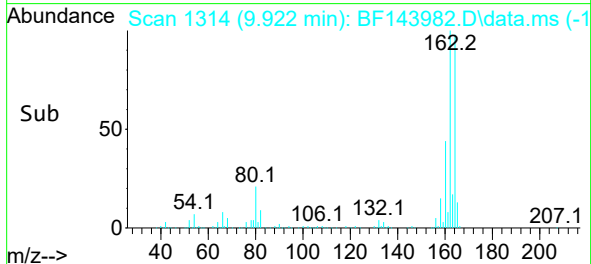
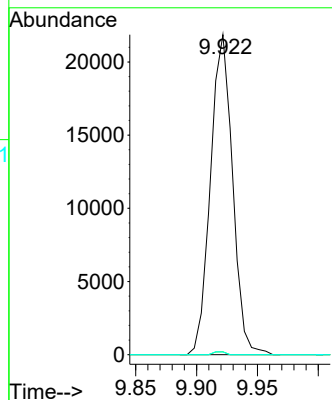
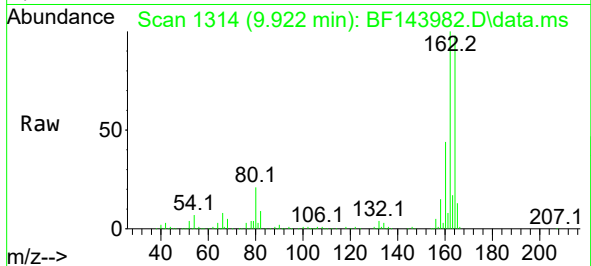




#51  
2,6-Dinitrotoluene  
Concen: 10.74 ng  
RT: 9.922 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

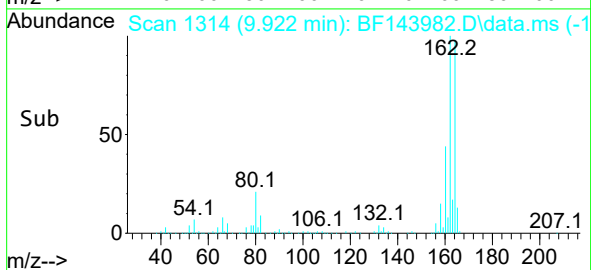
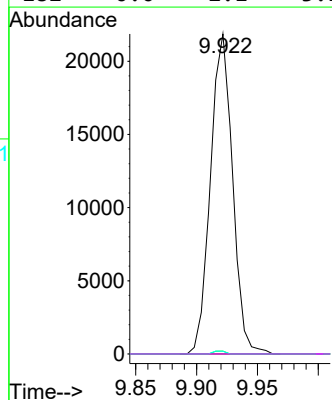
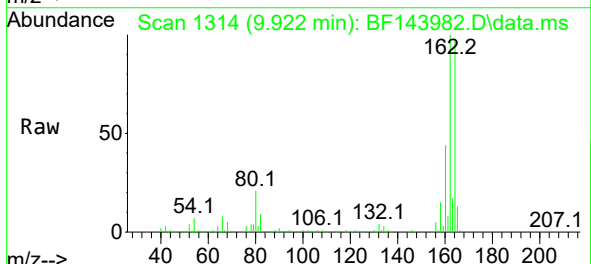
Instrument :  
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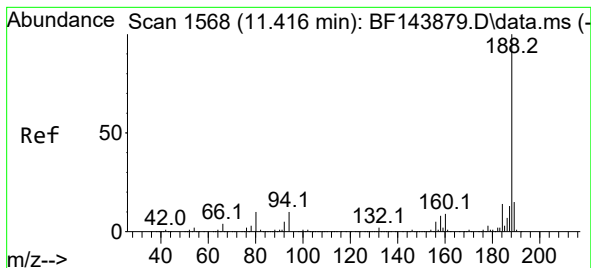
Tgt Ion:165 Resp: 27553  
Ion Ratio Lower Upper  
165 100  
63 0.9 47.3 70.9#  
89 0.9 38.2 57.4#



#57  
2,4-Dinitrotoluene  
Concen: 7.90 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. -0.194 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

Tgt Ion:165 Resp: 27553  
Ion Ratio Lower Upper  
165 100  
63 0.9 37.2 55.8#  
89 0.9 49.4 74.2#  
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143982.D

Acq: 16 Oct 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

WCS-TP2

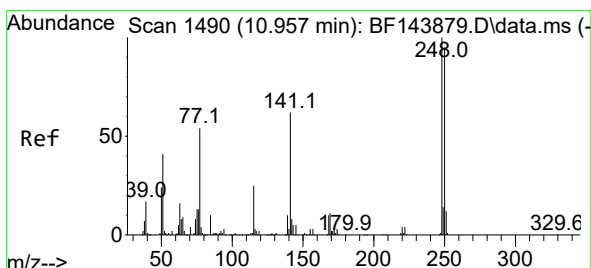
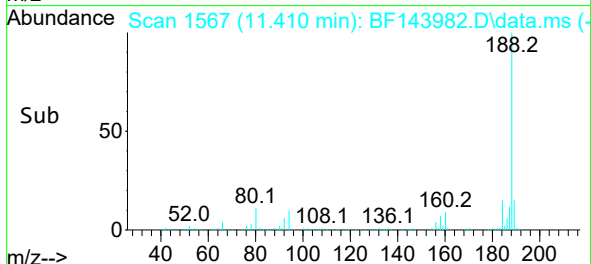
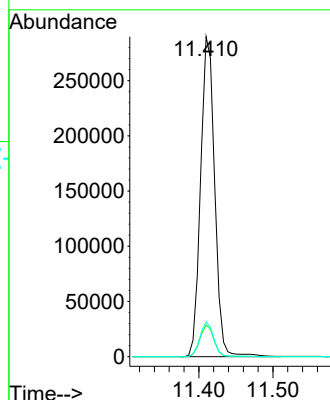
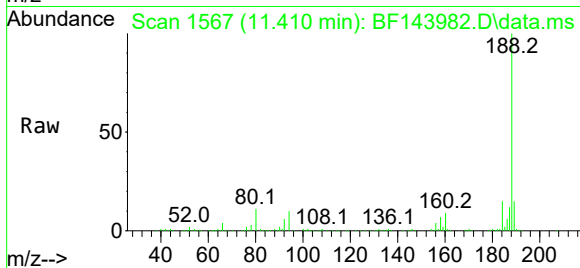
Tgt Ion:188 Resp: 382789

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

80 10.9 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.21 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF143982.D

Acq: 16 Oct 2025 16:38

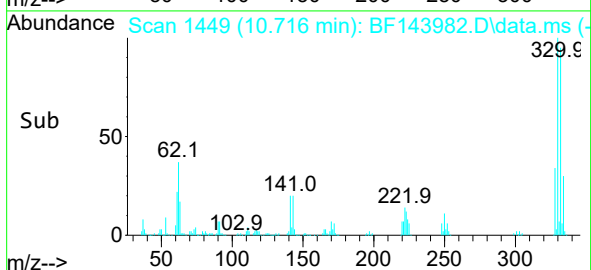
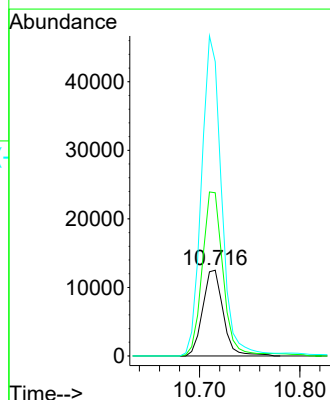
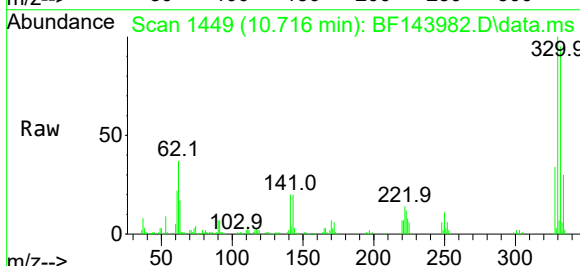
Tgt Ion:248 Resp: 17795

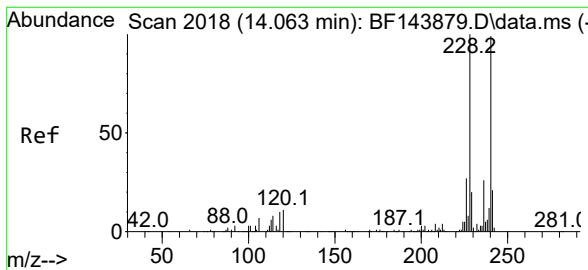
Ion Ratio Lower Upper

248 100

250 190.1 76.3 114.5#

141 342.8 49.7 74.5#

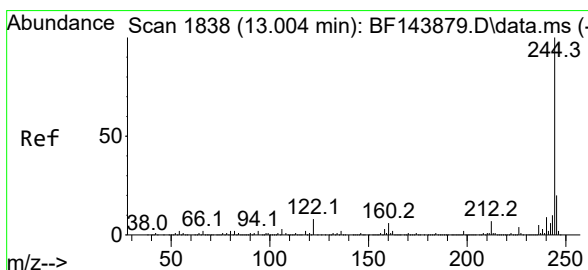
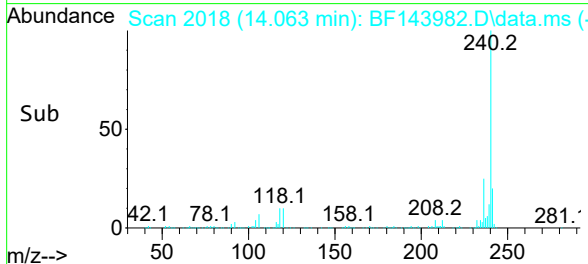
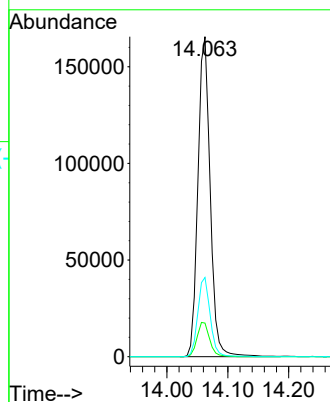
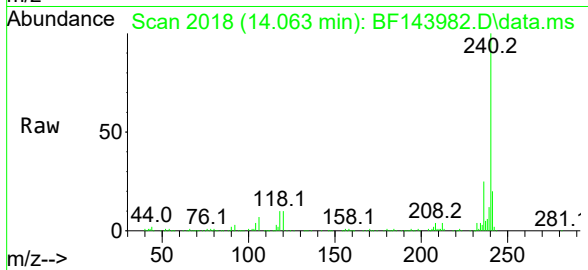




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

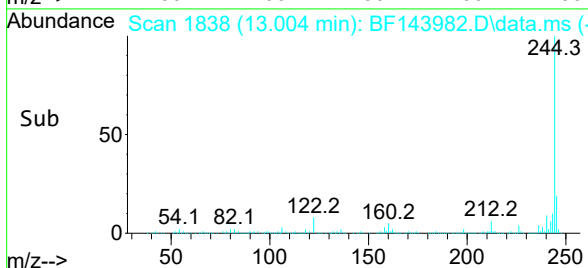
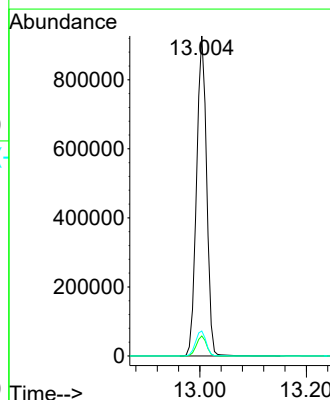
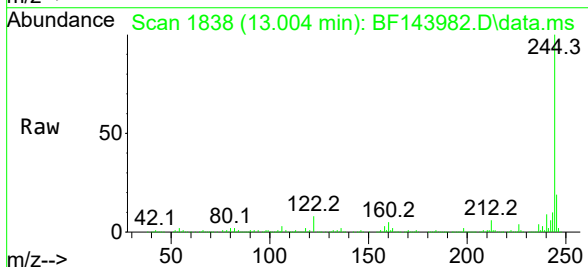
Instrument :  
BNA\_F  
ClientSampleId :  
WCS-TP2

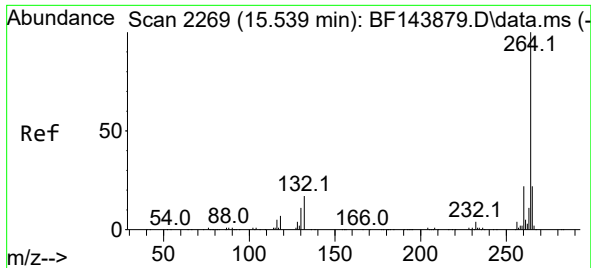
Tgt Ion:240 Resp: 231729  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.6 13.0  
236 24.8 21.1 31.7



#79  
Terphenyl-d14  
Concen: 89.81 ng  
RT: 13.004 min Scan# 1838  
Delta R.T. -0.006 min  
Lab File: BF143982.D  
Acq: 16 Oct 2025 16:38

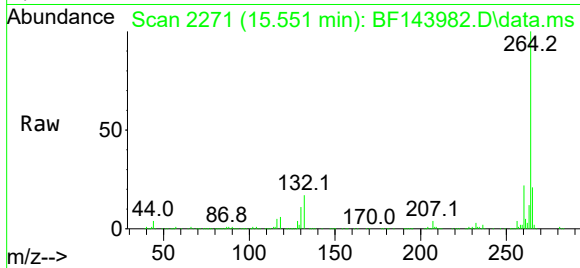
Tgt Ion:244 Resp: 1217749  
Ion Ratio Lower Upper  
244 100  
212 6.2 5.4 8.0  
122 7.8 6.4 9.6





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.551 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF143982.D  
 Acq: 16 Oct 2025 16:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WCS-TP2



Tgt Ion:264 Resp: 248294  
 Ion Ratio Lower Upper  
 264 100  
 260 21.6 17.8 26.8  
 265 21.0 17.5 26.3

