

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053025\  
 Data File : BF142581.D  
 Acq On : 30 May 2025 20:43  
 Operator : RC/JU  
 Sample : Q2150-04  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-48

Quant Time: May 30 22:29:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 20 16:26:47 2025  
 Response via : Initial Calibration

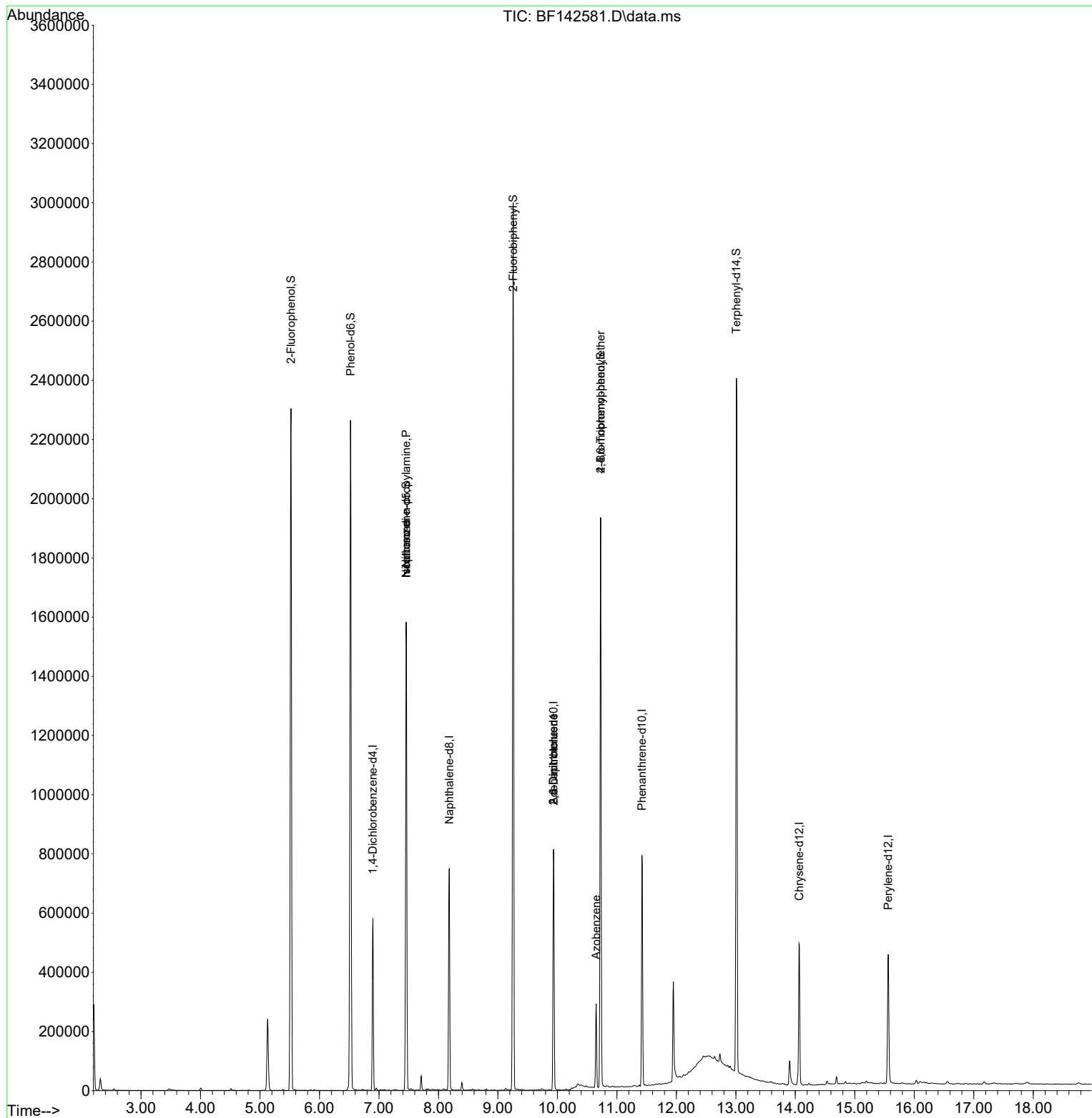
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 128466   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 478682   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 251559   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.421 | 188  | 419835   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.068 | 240  | 239865   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.562 | 264  | 260798   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 973305   | 127.643 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 1194091  | 130.091 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 728299   | 82.964  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 357324   | 127.982 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1386957  | 73.983  | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.010 | 244  | 1184744  | 67.497  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.457  | 70   | 98107    | 17.246  | ng    | # 77     |
| 25) Isophorone                | 7.457  | 82   | 693396   | 47.243  | ng    | # 63     |
| 51) 2,6-Dinitrotoluene        | 9.933  | 165  | 32667    | 9.118   | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 9.933  | 165  | 32667    | 6.982   | ng    | # 28     |
| 63) Azobenzene                | 10.651 | 77   | 67501    | 4.636   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.727 | 248  | 22084    | 4.449   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

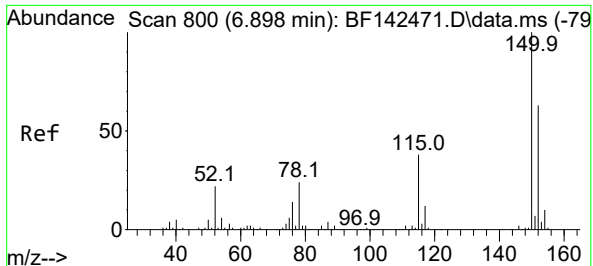
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053025\  
Data File : BF142581.D  
Acq On : 30 May 2025 20:43  
Operator : RC/JU  
Sample : Q2150-04  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-48

Quant Time: May 30 22:29:32 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 20 16:26:47 2025  
Response via : Initial Calibration

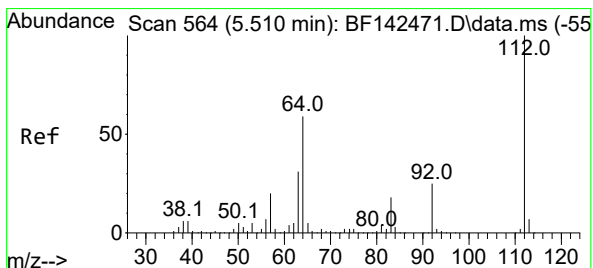
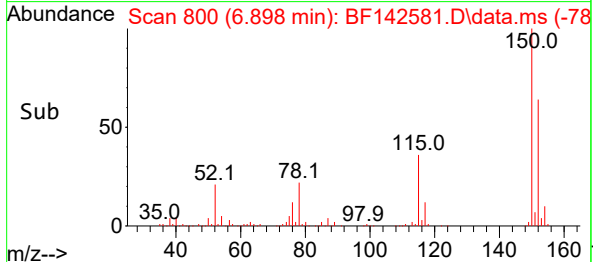
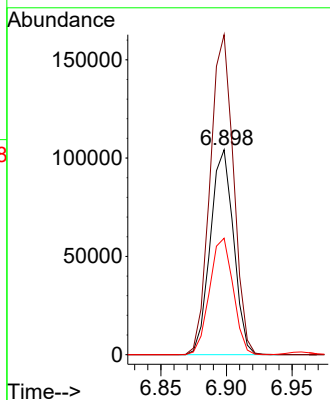
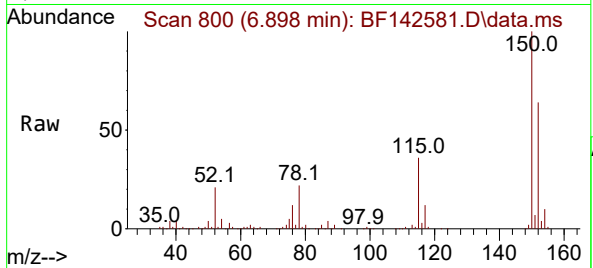




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

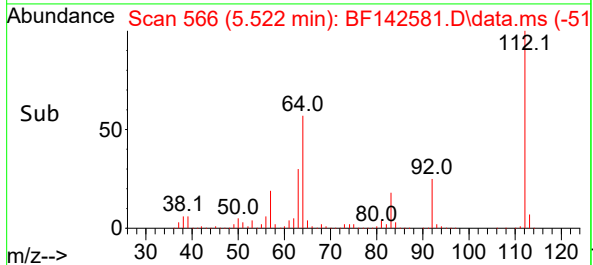
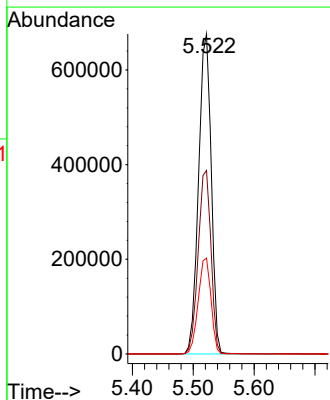
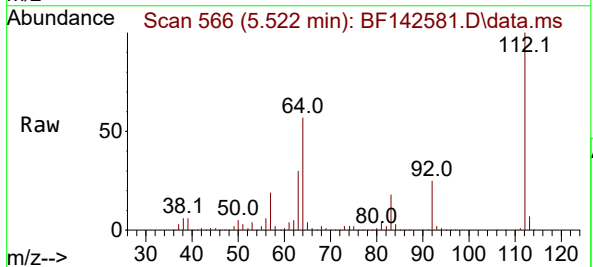
Instrument :  
BNA\_F  
ClientSampleId :  
TP-48

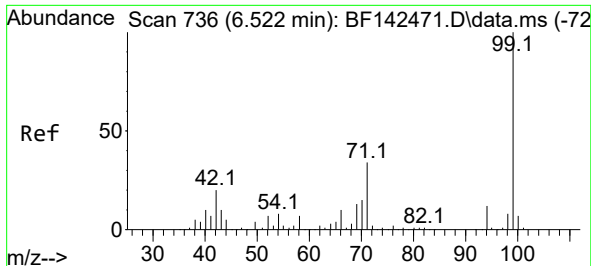
Tgt Ion:152 Resp: 128466  
Ion Ratio Lower Upper  
152 100  
150 156.1 128.2 192.4  
115 56.8 48.3 72.5



#5  
2-Fluorophenol  
Concen: 127.643 ng  
RT: 5.522 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

Tgt Ion:112 Resp: 973305  
Ion Ratio Lower Upper  
112 100  
64 57.3 47.5 71.3  
63 30.0 24.9 37.3

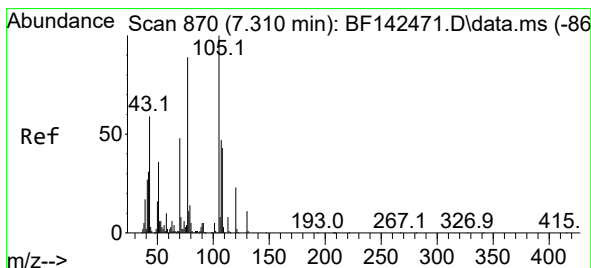
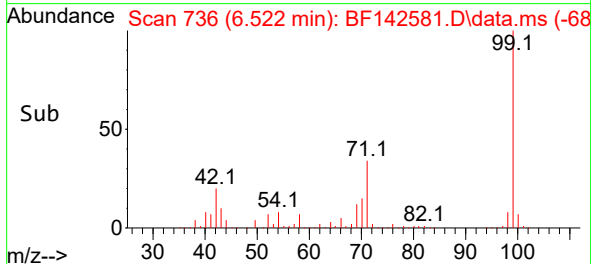
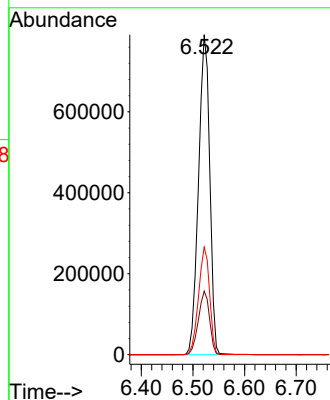
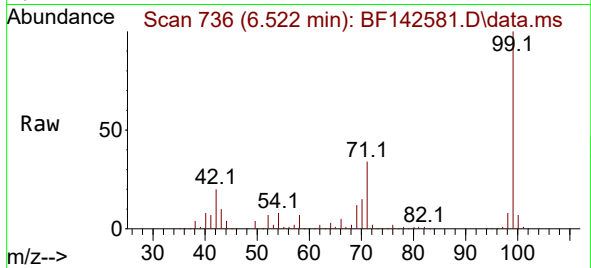




#7  
Phenol-d6  
Concen: 130.091 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

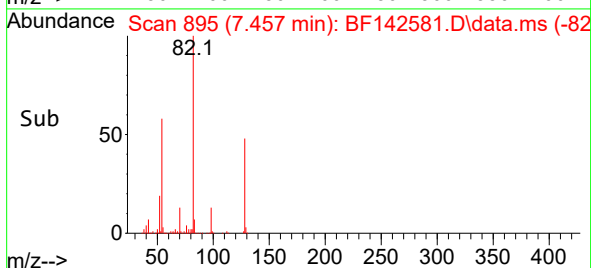
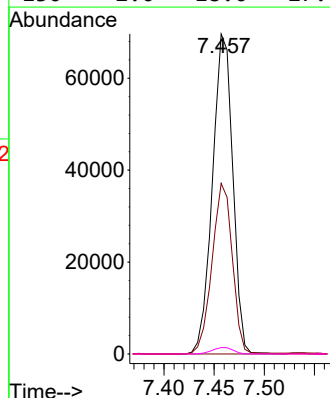
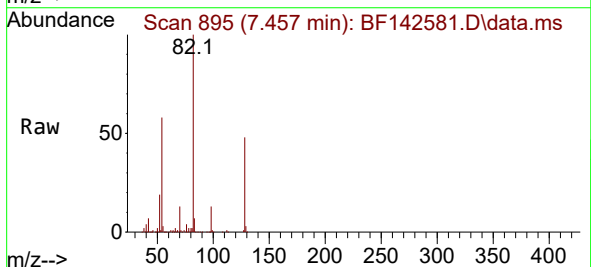
Instrument :  
BNA\_F  
ClientSampleId :  
TP-48

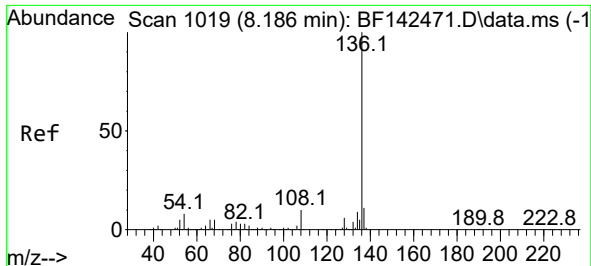
Tgt Ion: 99 Resp: 1194091  
Ion Ratio Lower Upper  
99 100  
42 19.8 16.2 24.2  
71 33.6 27.3 40.9



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.246 ng  
RT: 7.457 min Scan# 895  
Delta R.T. 0.129 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

Tgt Ion: 70 Resp: 98107  
Ion Ratio Lower Upper  
70 100  
42 53.3 52.4 78.6  
101 0.0 7.8 11.8#  
130 2.0 18.0 27.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142581.D

Acq: 30 May 2025 20:43

Instrument :

BNA\_F

ClientSampleId :

TP-48

Tgt Ion:136 Resp: 478682

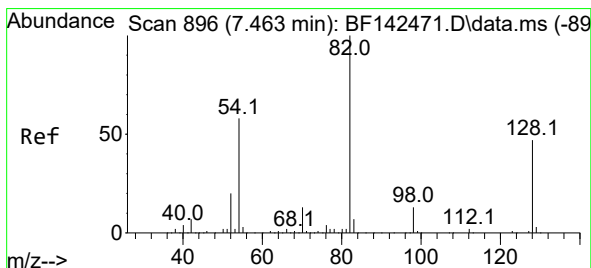
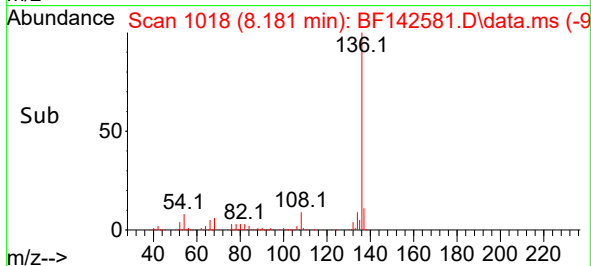
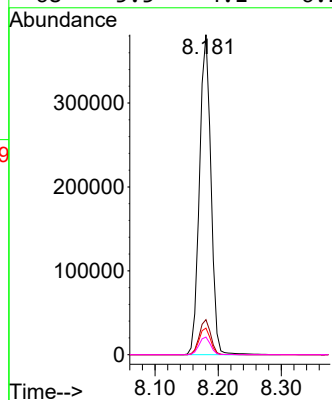
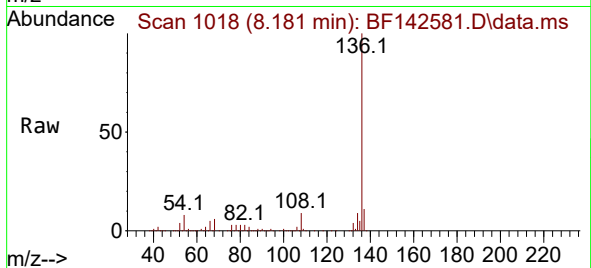
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.3 6.6 10.0

68 5.5 4.1 6.1



#23

Nitrobenzene-d5

Concen: 82.964 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142581.D

Acq: 30 May 2025 20:43

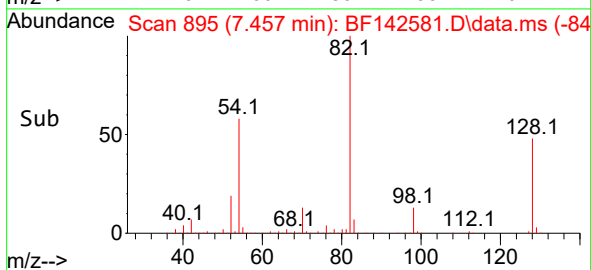
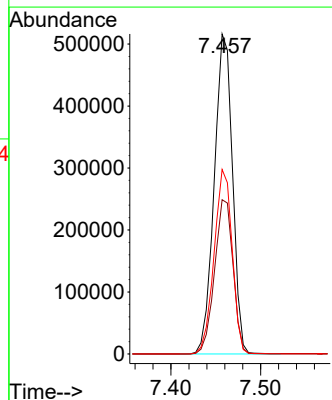
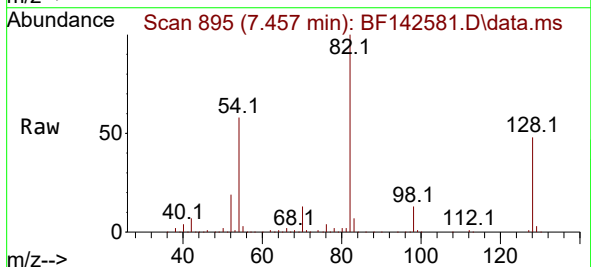
Tgt Ion: 82 Resp: 728299

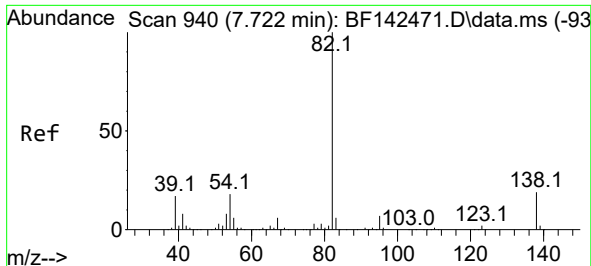
Ion Ratio Lower Upper

82 100

128 48.2 37.4 56.2

54 57.6 46.6 70.0

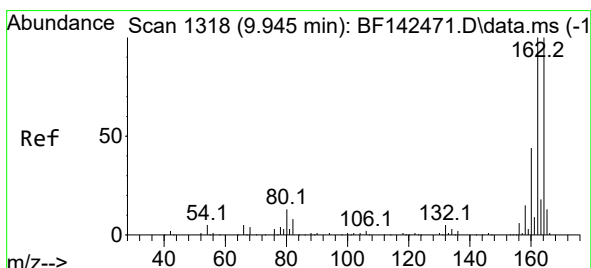
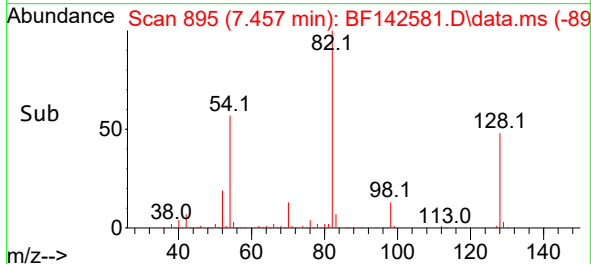
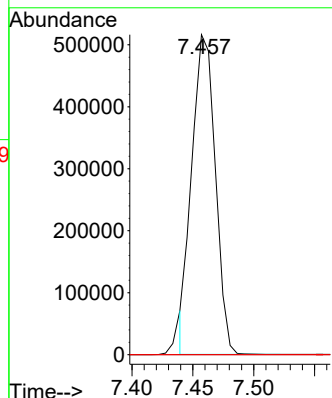
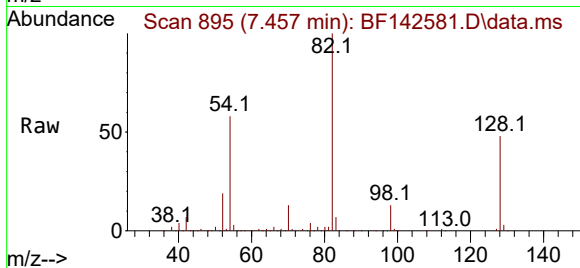




#25  
Isophorone  
Concen: 47.243 ng  
RT: 7.457 min Scan# 89  
Delta R.T. -0.276 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

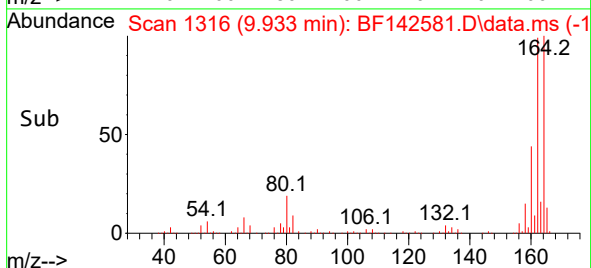
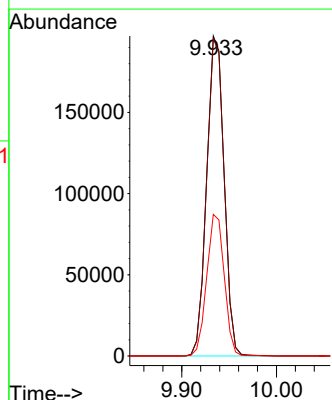
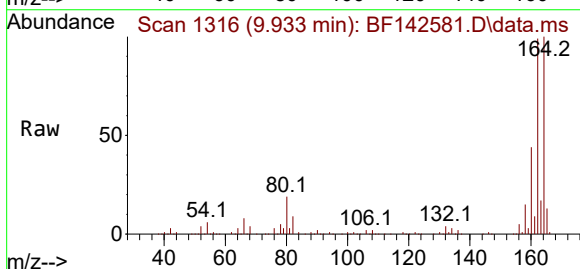
Instrument :  
BNA\_F  
ClientSampleId :  
TP-48

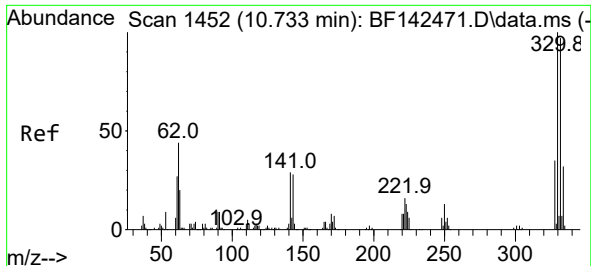
Tgt Ion: 82 Resp: 693396  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 15.5 23.3#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1316  
Delta R.T. -0.012 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

Tgt Ion: 164 Resp: 251559  
Ion Ratio Lower Upper  
164 100  
162 99.1 80.2 120.4  
160 44.3 35.6 53.4

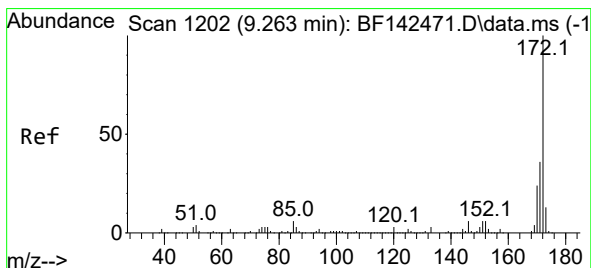
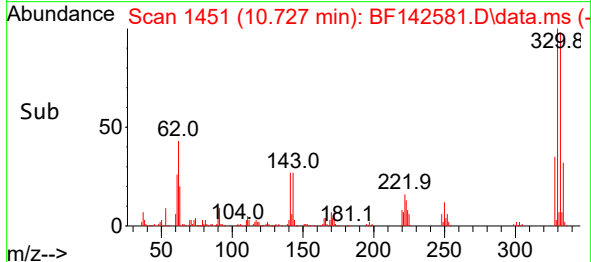
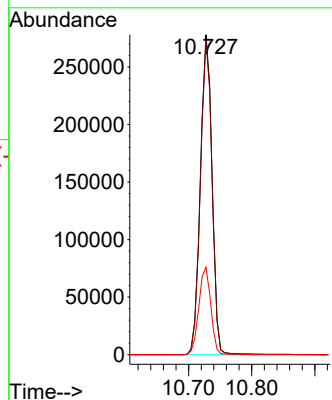
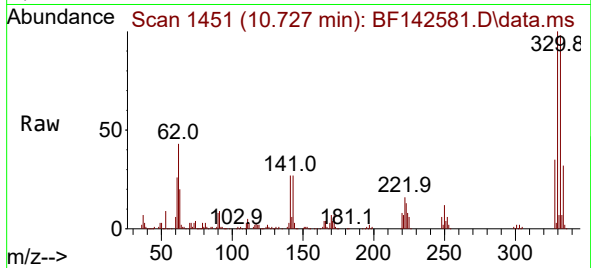




#42  
2,4,6-Tribromophenol  
Concen: 127.982 ng  
RT: 10.727 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

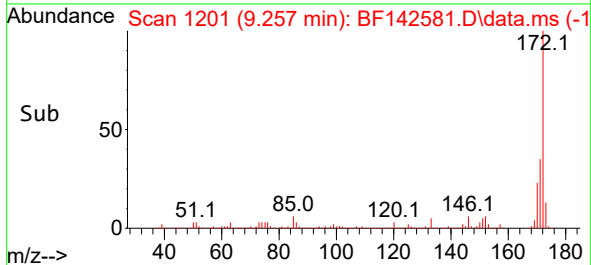
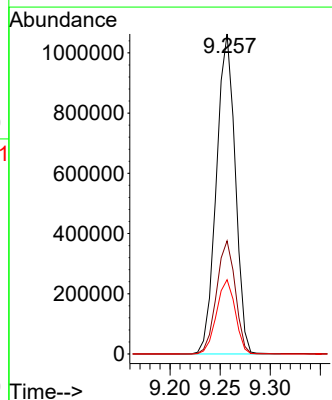
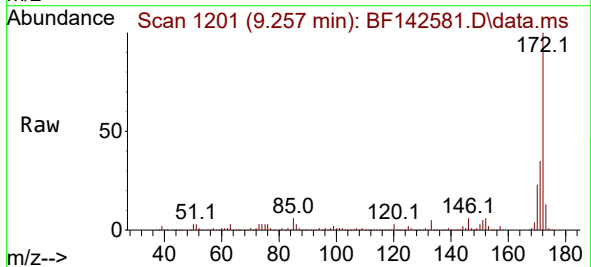
Instrument :  
BNA\_F  
ClientSampleId :  
TP-48

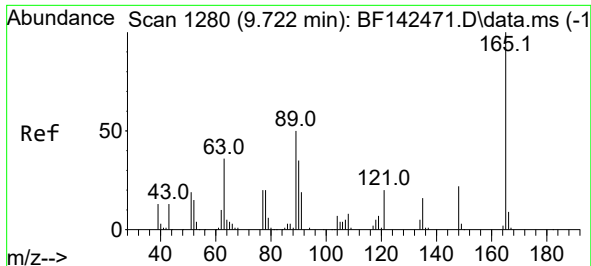
Tgt Ion:330 Resp: 357324  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.6 116.4  
141 28.0 24.6 36.8



#45  
2-Fluorobiphenyl  
Concen: 73.983 ng  
RT: 9.257 min Scan# 1201  
Delta R.T. -0.012 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

Tgt Ion:172 Resp: 1386957  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.6 42.8  
170 23.2 18.9 28.3

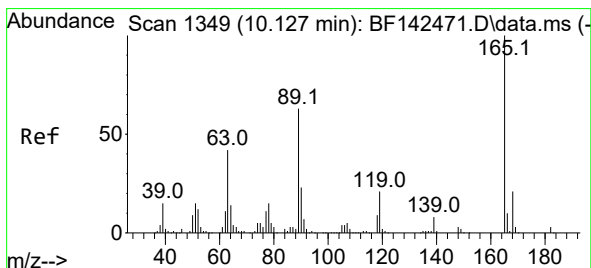
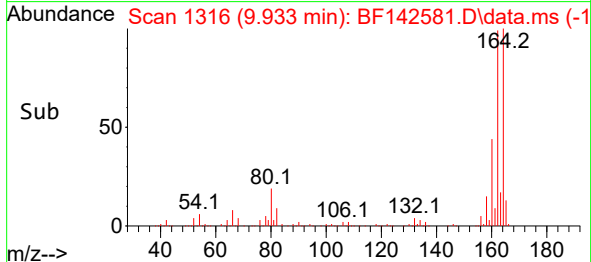
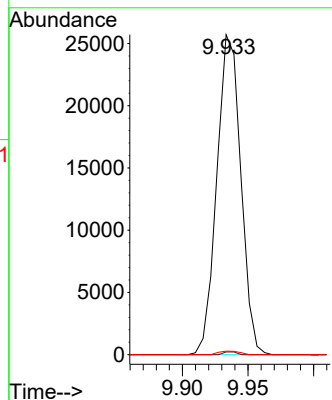
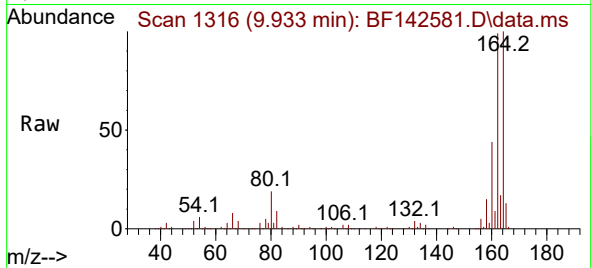




#51  
2,6-Dinitrotoluene  
Concen: 9.118 ng  
RT: 9.933 min Scan# 1316  
Delta R.T. 0.206 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

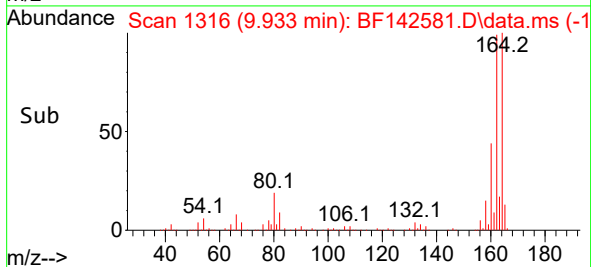
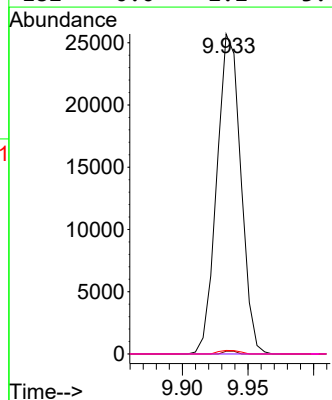
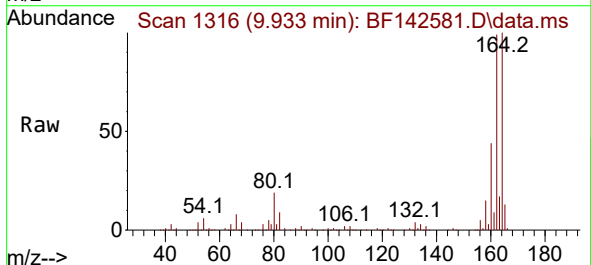
Instrument :  
BNA\_F  
ClientSampleId :  
TP-48

Tgt Ion:165 Resp: 32667  
Ion Ratio Lower Upper  
165 100  
63 0.9 42.9 64.3#  
89 1.1 40.2 60.4#

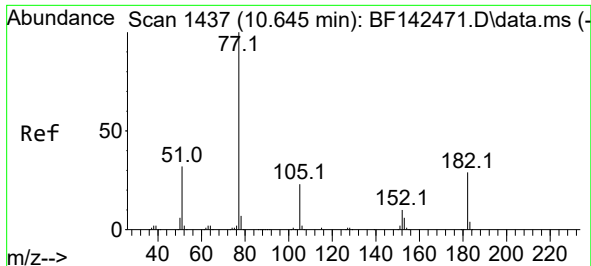


#57  
2,4-Dinitrotoluene  
Concen: 6.982 ng  
RT: 9.933 min Scan# 1316  
Delta R.T. -0.200 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

Tgt Ion:165 Resp: 32667  
Ion Ratio Lower Upper  
165 100  
63 0.9 33.6 50.4#  
89 1.1 50.2 75.4#  
182 0.0 2.2 3.4#



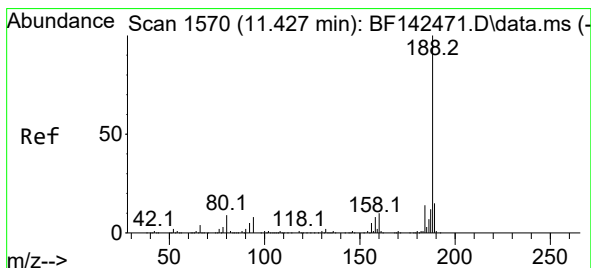
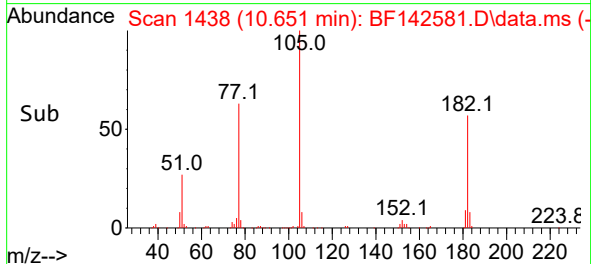
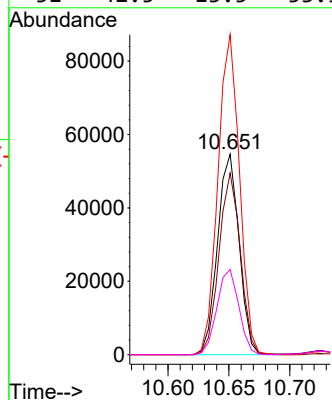
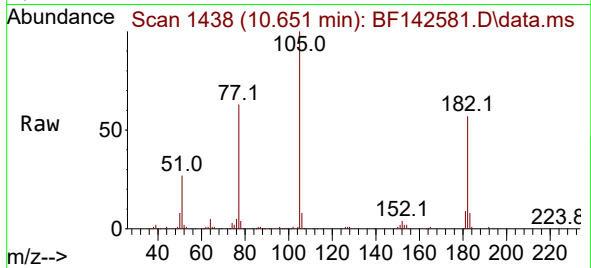




#63  
Azobenzene  
Concen: 4.636 ng  
RT: 10.651 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

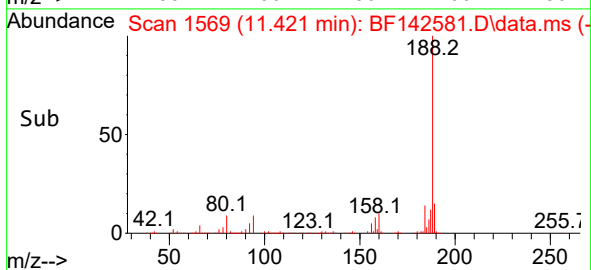
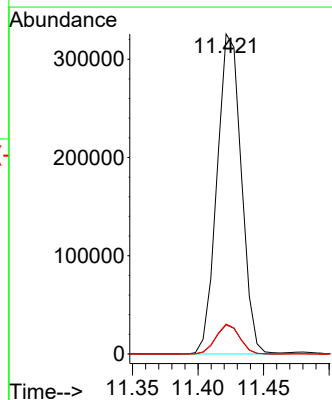
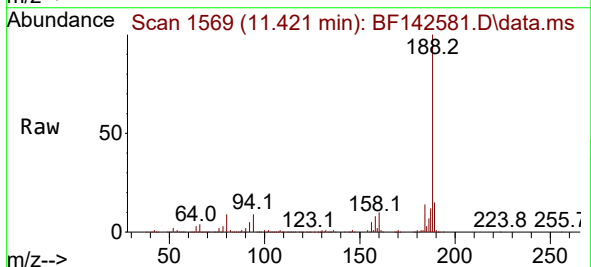
Instrument :  
BNA\_F  
ClientSampleId :  
TP-48

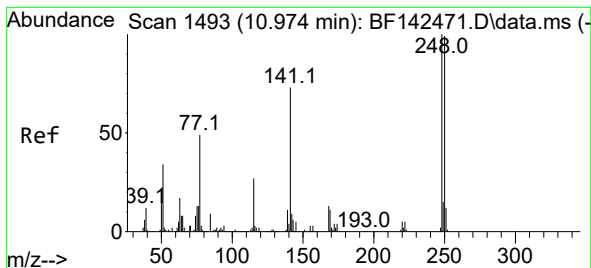
Tgt Ion: 77 Resp: 67501  
Ion Ratio Lower Upper  
77 100  
182 90.5 9.0 49.0#  
105 159.6 2.4 42.4#  
51 42.5 13.5 53.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.421 min Scan# 1569  
Delta R.T. -0.012 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

Tgt Ion: 188 Resp: 419835  
Ion Ratio Lower Upper  
188 100  
94 9.1 6.6 10.0  
80 9.4 7.4 11.0

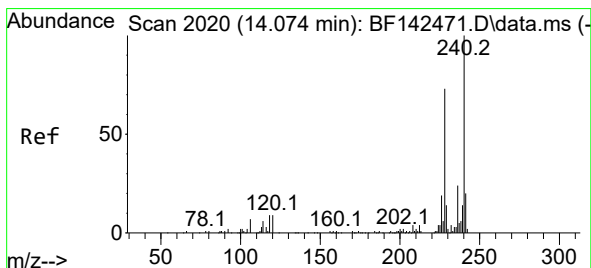
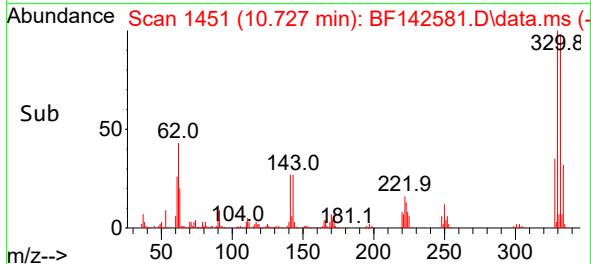
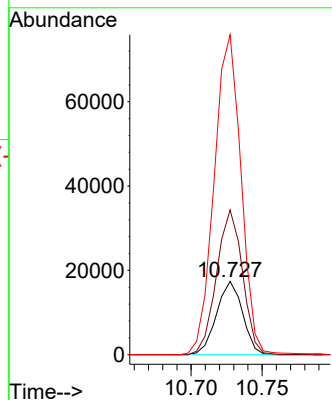
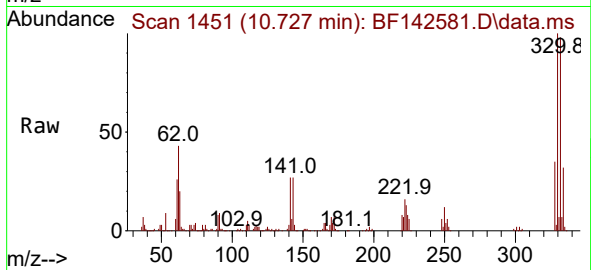




#67  
4-Bromophenyl-phenylether  
Concen: 4.449 ng  
RT: 10.727 min Scan# 14  
Delta R.T. -0.247 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

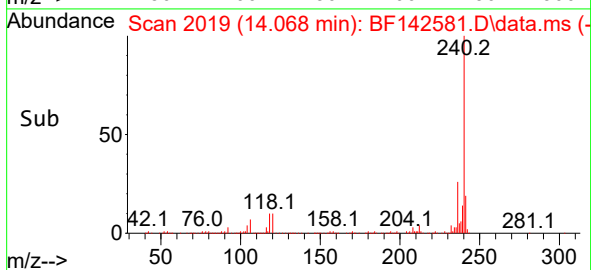
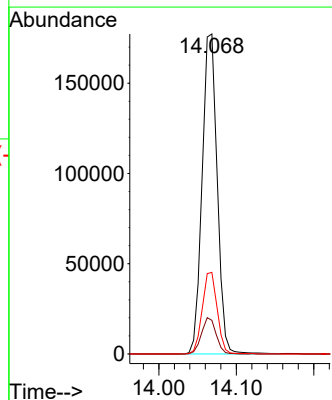
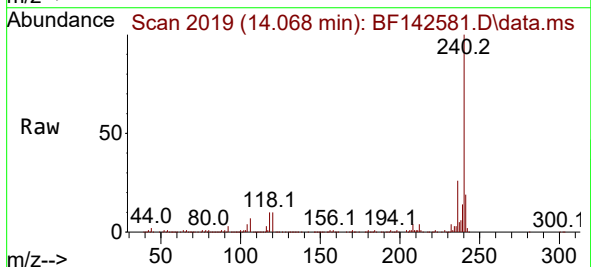
Instrument :  
BNA\_F  
ClientSampleId :  
TP-48

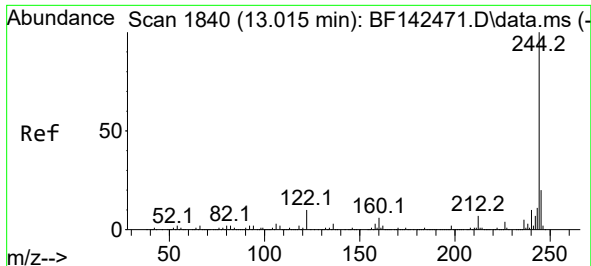
Tgt Ion:248 Resp: 22084  
Ion Ratio Lower Upper  
248 100  
250 197.8 79.0 118.4#  
141 437.1 58.4 87.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF142581.D  
Acq: 30 May 2025 20:43

Tgt Ion:240 Resp: 239865  
Ion Ratio Lower Upper  
240 100  
120 10.5 7.5 11.3  
236 25.5 19.6 29.4

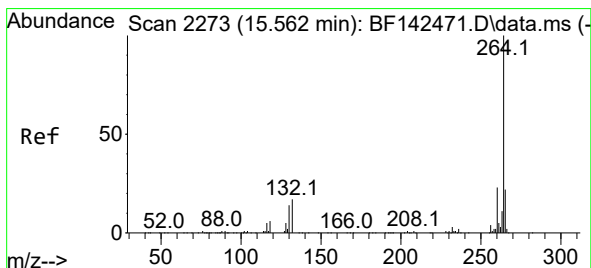
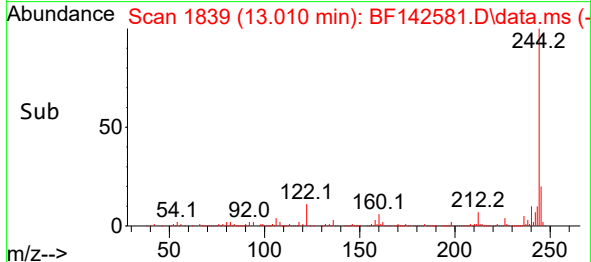
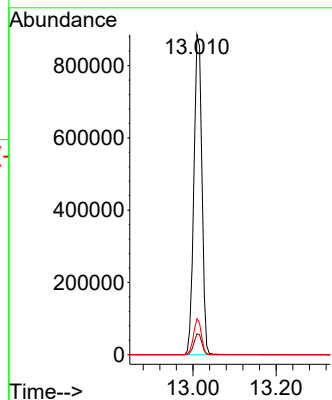
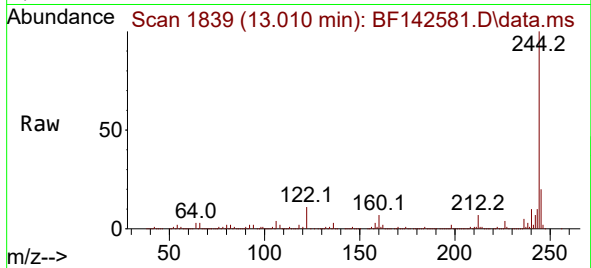




#79  
 Terphenyl-d14  
 Concen: 67.497 ng  
 RT: 13.010 min Scan# 1839  
 Delta R.T. -0.006 min  
 Lab File: BF142581.D  
 Acq: 30 May 2025 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-48

Tgt Ion:244 Resp: 1184744  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.3 7.9  
 122 11.2 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.562 min Scan# 2273  
 Delta R.T. -0.006 min  
 Lab File: BF142581.D  
 Acq: 30 May 2025 20:43

Tgt Ion:264 Resp: 260798  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.6 28.0  
 265 21.0 17.7 26.5

