

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101325\  
 Data File : BF143933.D  
 Acq On : 13 Oct 2025 15:35  
 Operator : RC/JU  
 Sample : Q3326-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1

Quant Time: Oct 13 16:22:52 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

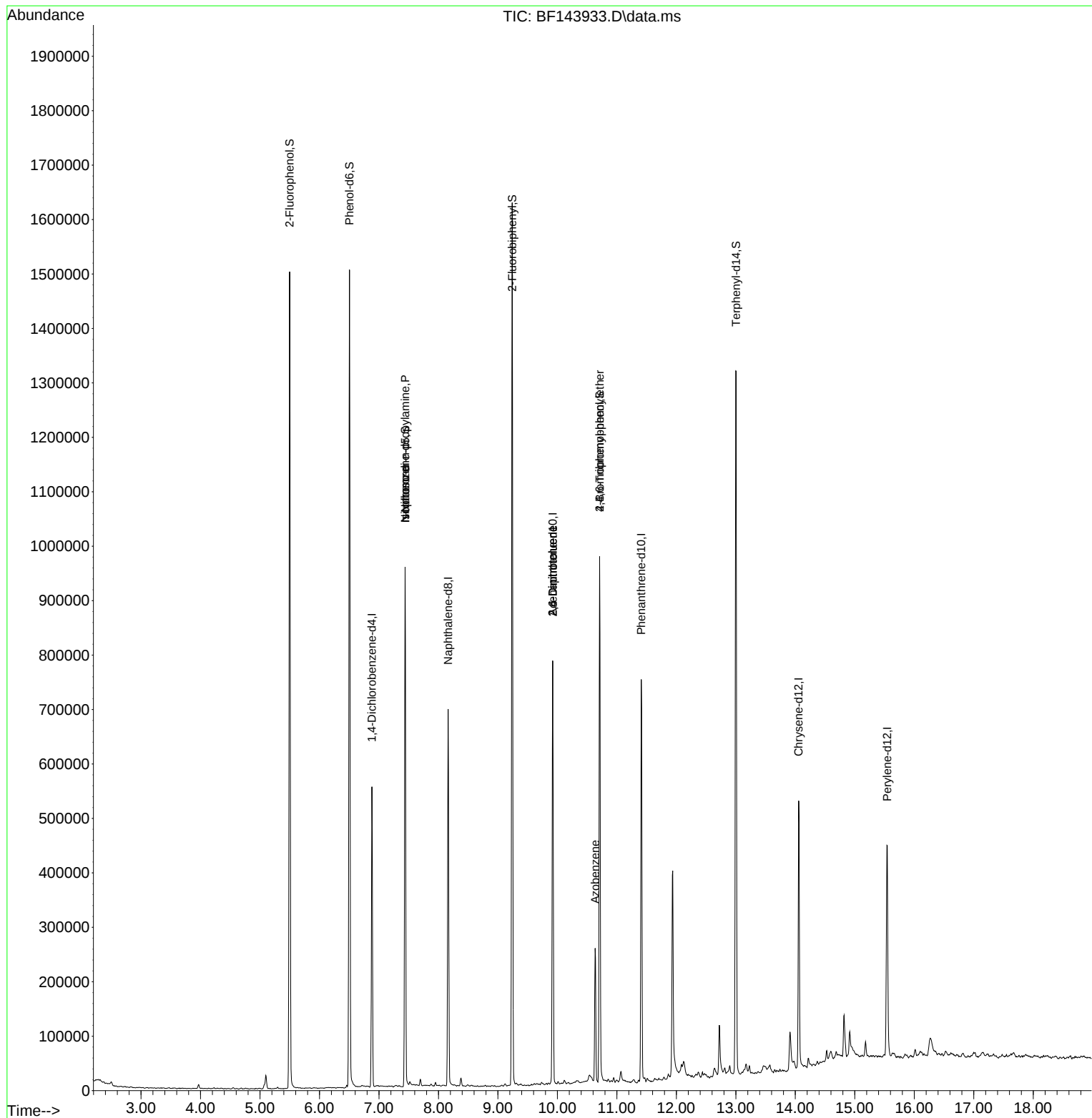
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 111120   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 421885   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 230755   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 393737   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 237816   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 15.545 | 264  | 255531   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 563008   | 80.458 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 666972   | 79.965 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 396570   | 57.109 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 177213   | 77.104 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 747269   | 51.384 | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.004 | 244  | 691303   | 49.681 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.439  | 70   | 58410    | 10.231 | ng    | # 77     |
| 25) Isophorone                | 7.439  | 82   | 344009   | 23.495 | ng    | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 29037    | 10.686 | ng    | # 25     |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 29037    | 7.854  | ng    | # 26     |
| 63) Azobenzene                | 10.633 | 77   | 64925    | 4.563  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.710 | 248  | 10977    | 2.523  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

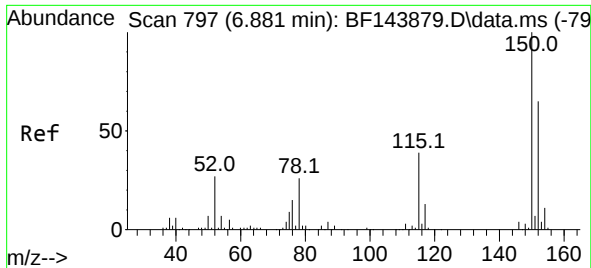
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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  
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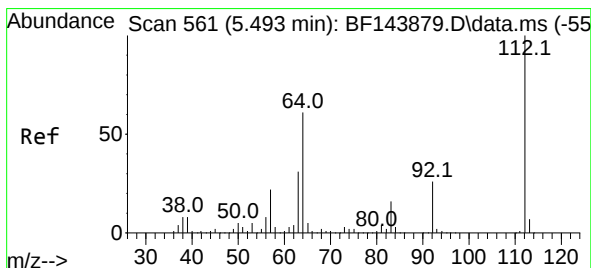
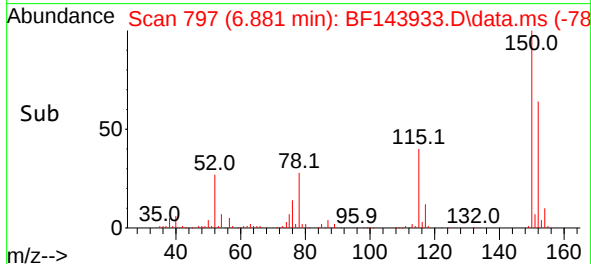
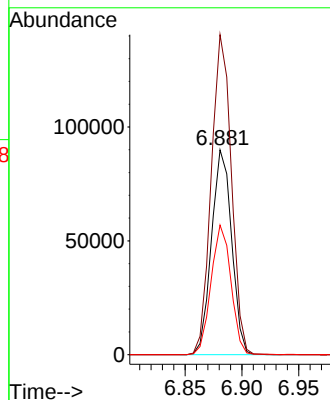
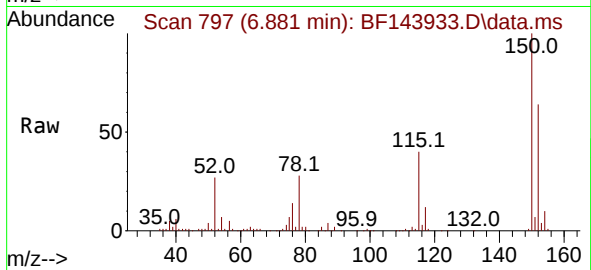




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

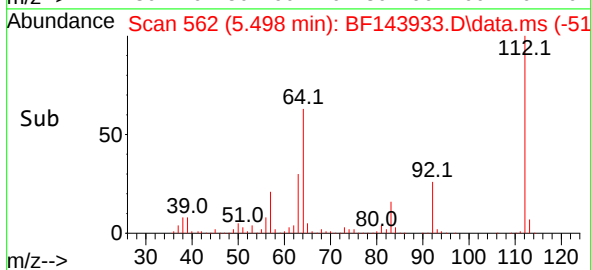
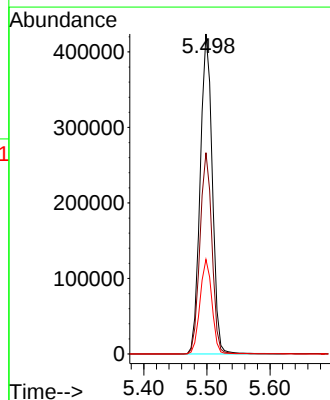
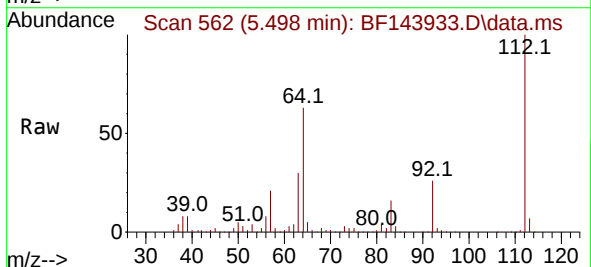
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ClientSampleId :  
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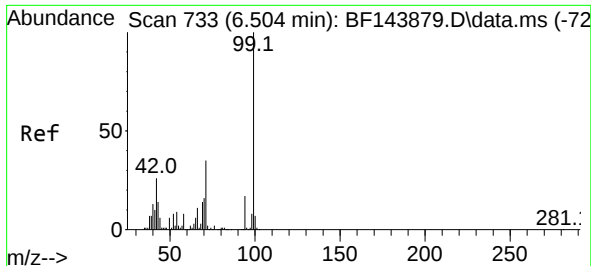
Tgt Ion:152 Resp: 111120  
Ion Ratio Lower Upper  
152 100  
150 156.2 124.4 186.6  
115 63.3 48.1 72.1



#5  
2-Fluorophenol  
Concen: 80.458 ng  
RT: 5.498 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

Tgt Ion:112 Resp: 563008  
Ion Ratio Lower Upper  
112 100  
64 62.9 49.1 73.7  
63 29.5 24.5 36.7





#7  
Phenol-d6  
Concen: 79.965 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

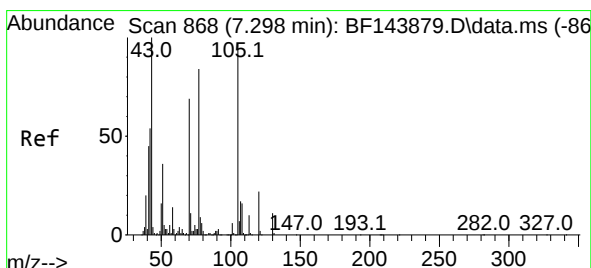
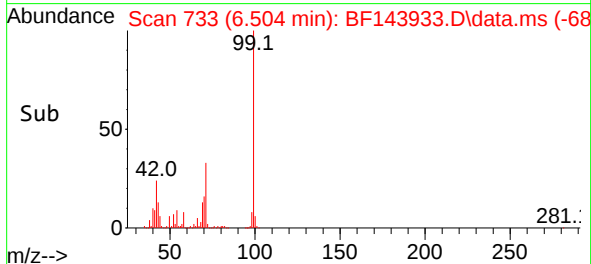
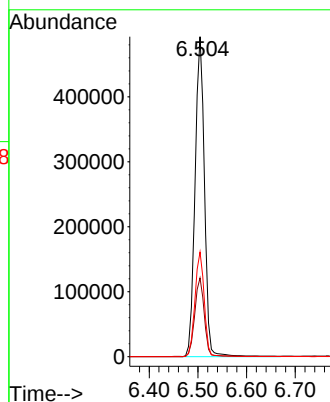
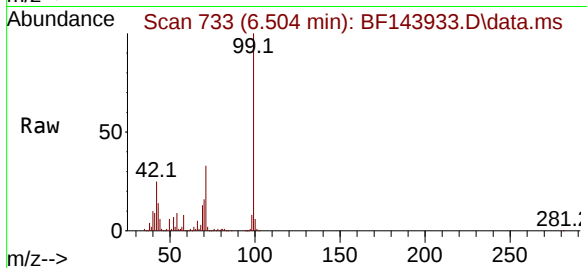
Instrument :

BNA\_F

ClientSampleId :

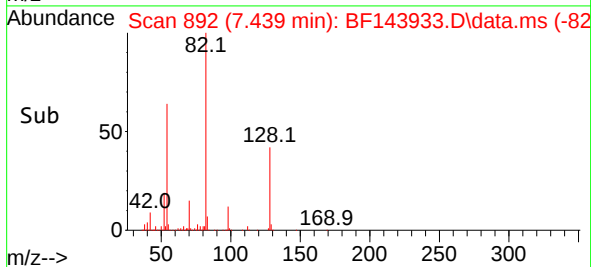
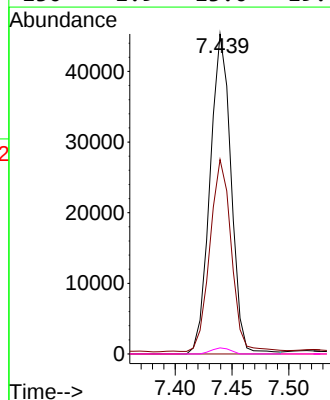
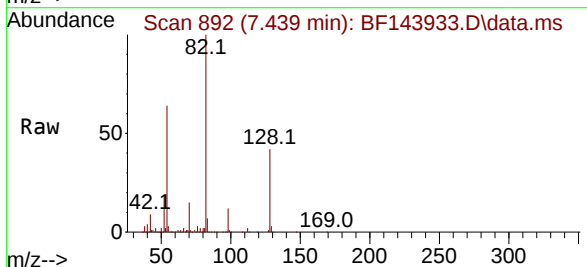
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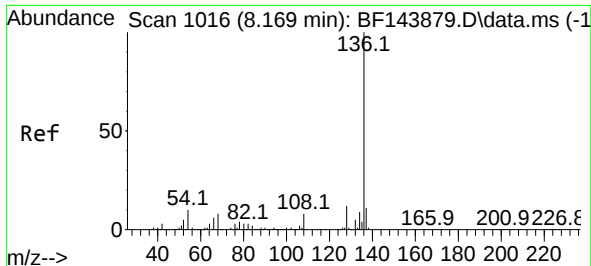
Tgt Ion: 99 Resp: 666972  
Ion Ratio Lower Upper  
99 100  
42 24.6 21.0 31.4  
71 32.7 27.8 41.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 10.231 ng  
RT: 7.439 min Scan# 892  
Delta R.T. 0.124 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

Tgt Ion: 70 Resp: 58410  
Ion Ratio Lower Upper  
70 100  
42 60.8 62.8 94.2#  
101 0.0 6.7 10.1#  
130 1.9 13.0 19.4#



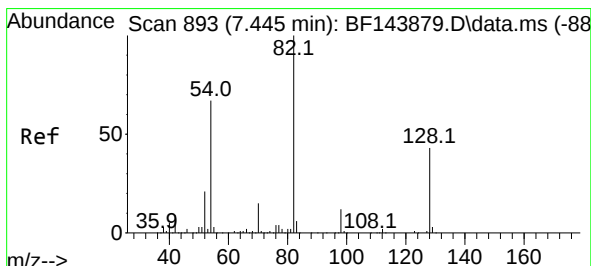
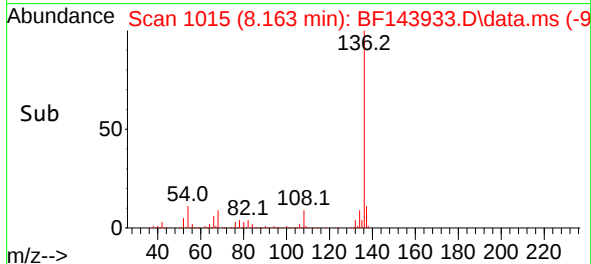
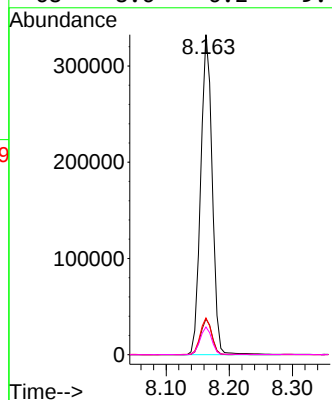
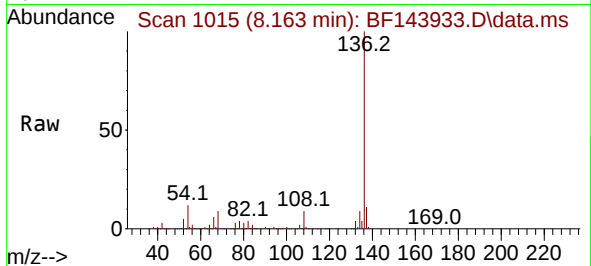


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

Instrument :  
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Tgt Ion:136 Resp: 421885

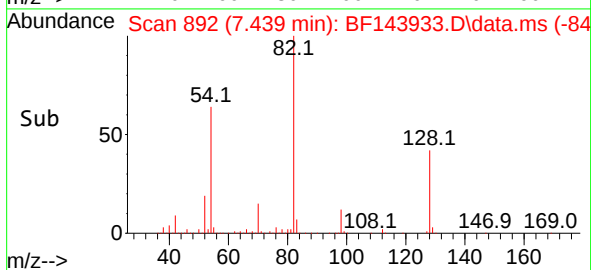
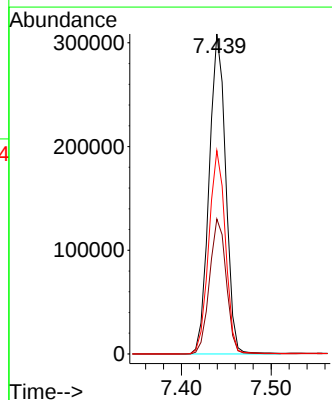
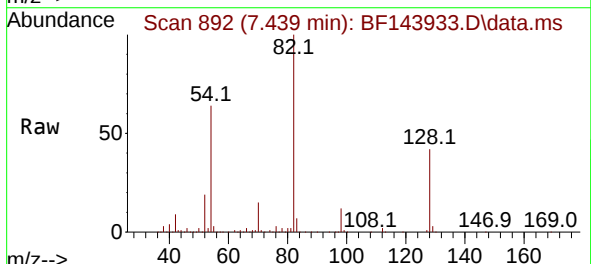
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.5   | 12.7  |
| 54  | 11.5  | 8.2   | 12.4  |
| 68  | 8.6   | 6.2   | 9.4   |

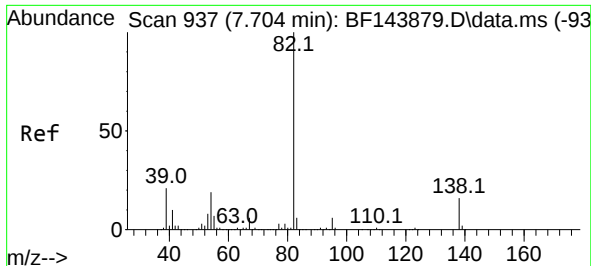


#23  
Nitrobenzene-d5  
Concen: 57.109 ng  
RT: 7.439 min Scan# 892  
Delta R.T. -0.018 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

Tgt Ion: 82 Resp: 396570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.2  | 34.0  | 51.0  |
| 54  | 63.6  | 53.2  | 79.8  |

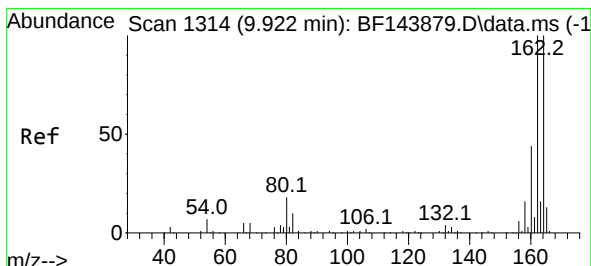
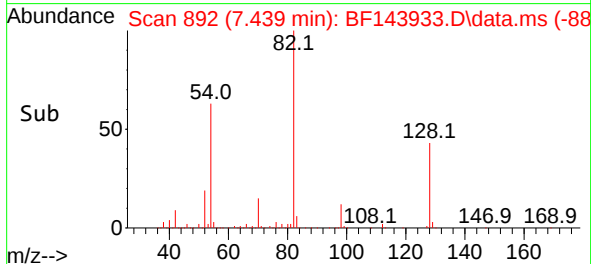
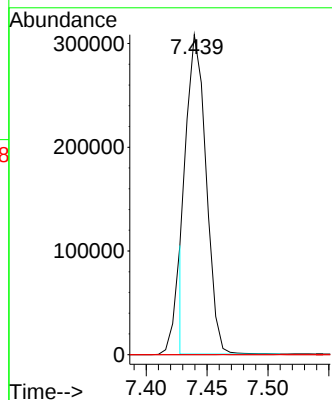
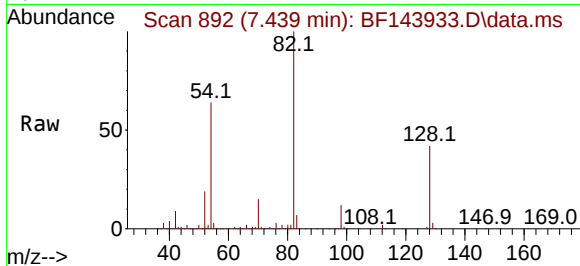




#25  
Isophorone  
Concen: 23.495 ng  
RT: 7.439 min Scan# 892  
Delta R.T. -0.282 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

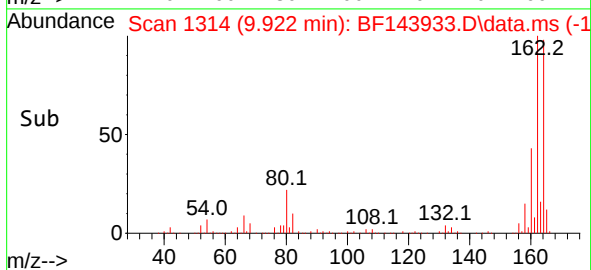
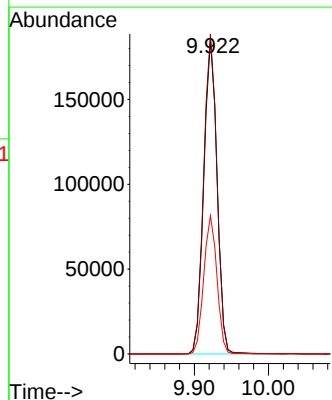
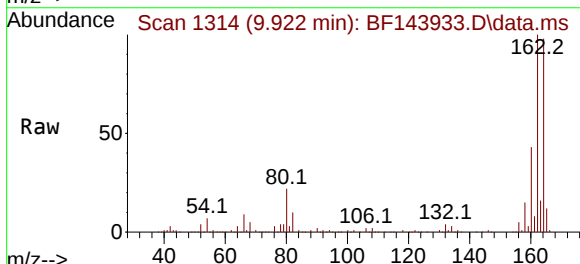
Instrument :  
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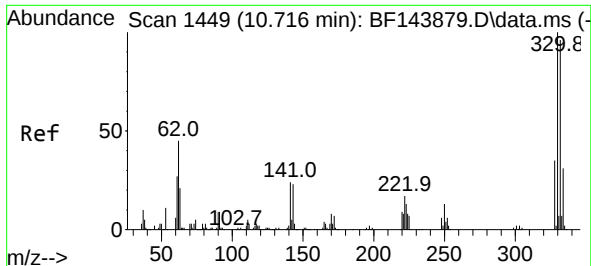
Tgt Ion: 82 Resp: 344009  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.1 7.7#  
138 0.0 12.9 19.3#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. -0.005 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

Tgt Ion:164 Resp: 230755  
Ion Ratio Lower Upper  
164 100  
162 101.7 80.2 120.2  
160 43.9 35.4 53.0

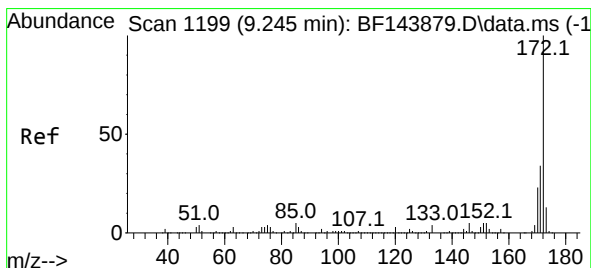
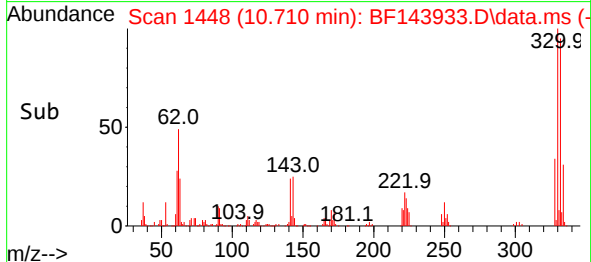
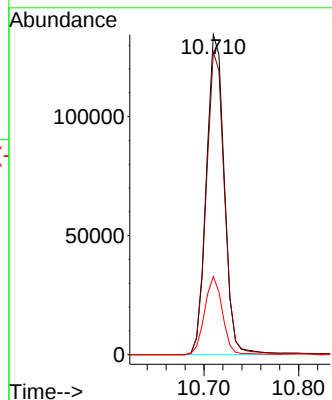
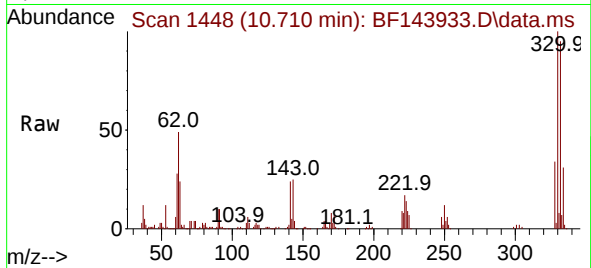




#42  
2,4,6-Tribromophenol  
Concen: 77.104 ng  
RT: 10.710 min Scan# 1449  
Delta R.T. -0.012 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

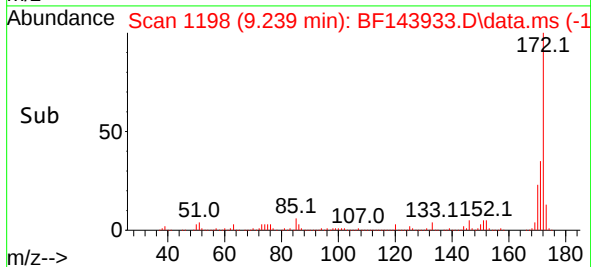
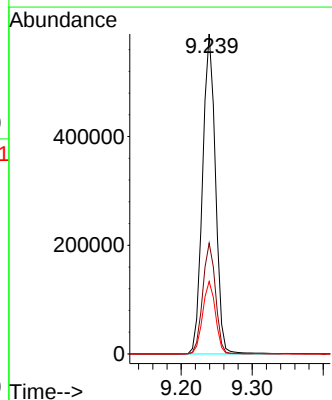
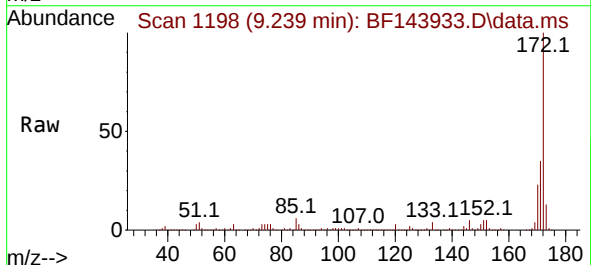
Instrument :  
BNA\_F  
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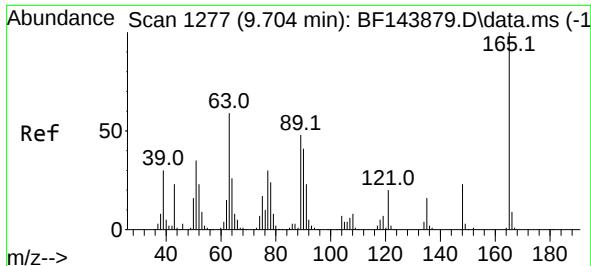
Tgt Ion:330 Resp: 177213  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.9 115.3  
141 24.3 20.2 30.4



#45  
2-Fluorobiphenyl  
Concen: 51.384 ng  
RT: 9.239 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

Tgt Ion:172 Resp: 747269  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.4 41.0  
170 22.7 18.6 28.0

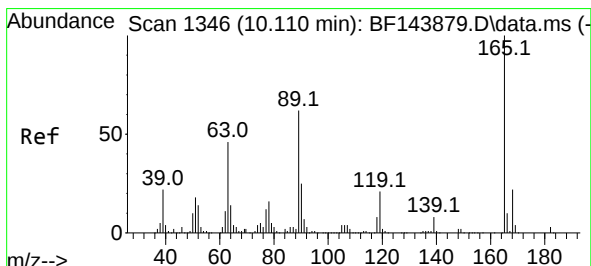
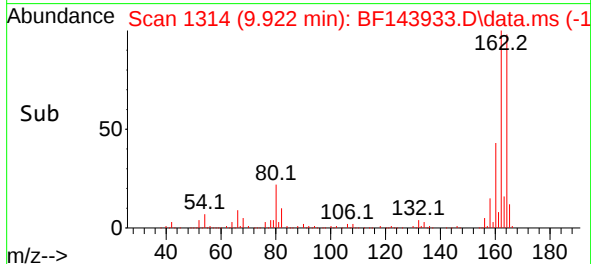
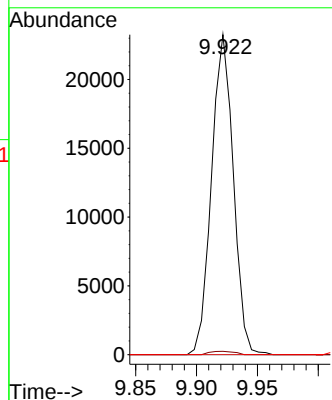
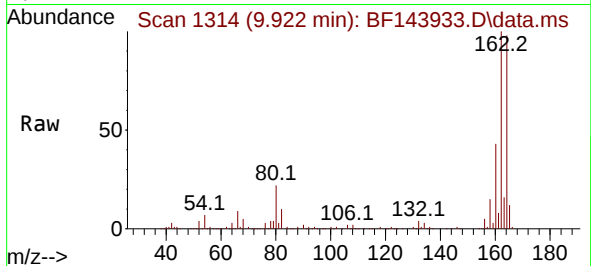




#51  
2,6-Dinitrotoluene  
Concen: 10.686 ng  
RT: 9.922 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

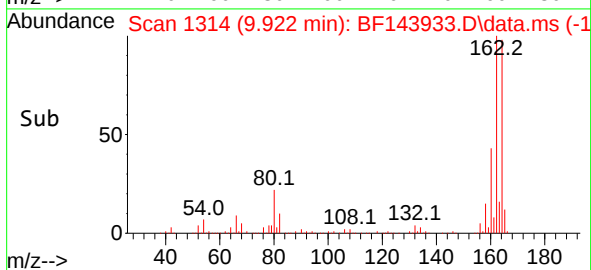
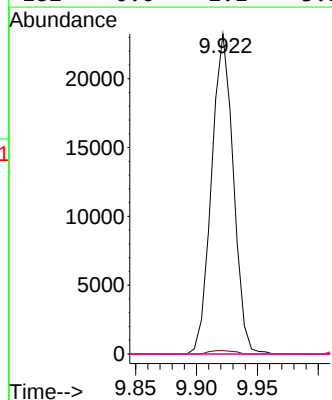
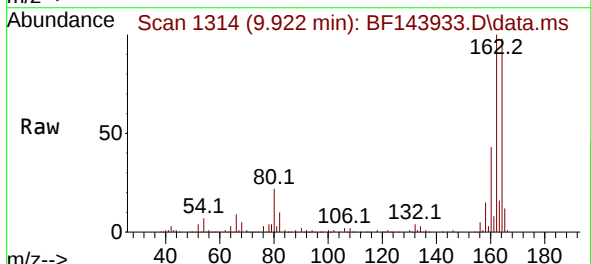
Instrument :  
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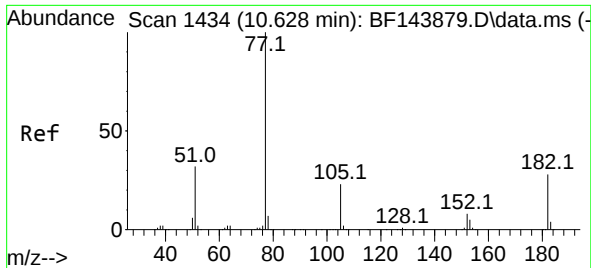
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Ion Ratio Lower Upper  
165 100  
63 1.0 47.3 70.9#  
89 0.0 38.2 57.4#



#57  
2,4-Dinitrotoluene  
Concen: 7.854 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. -0.194 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

Tgt Ion:165 Resp: 29037  
Ion Ratio Lower Upper  
165 100  
63 1.0 37.2 55.8#  
89 0.0 49.4 74.2#  
182 0.0 2.1 3.1#

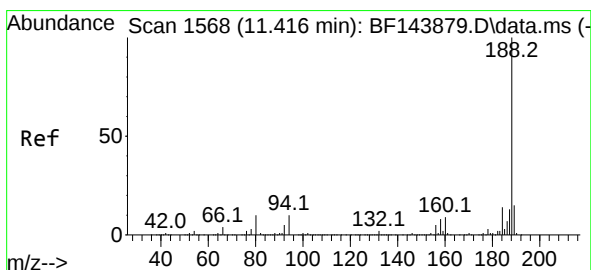
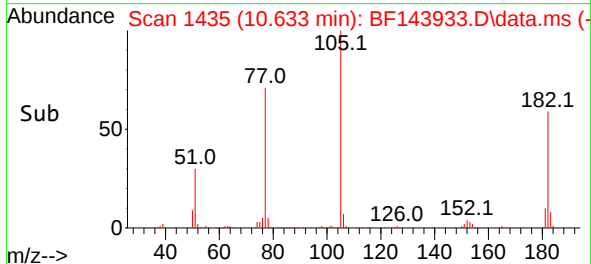
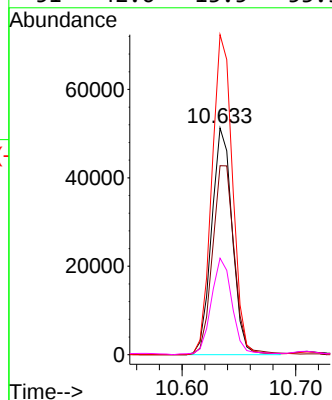
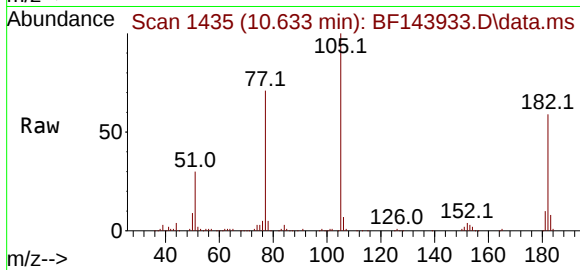




#63  
Azobenzene  
Concen: 4.563 ng  
RT: 10.633 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

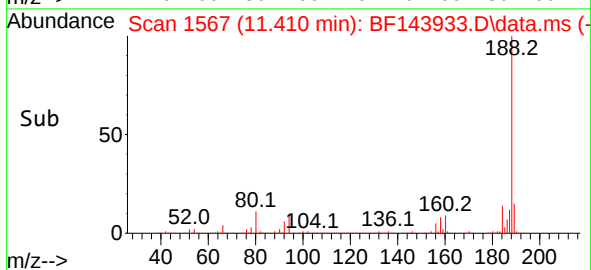
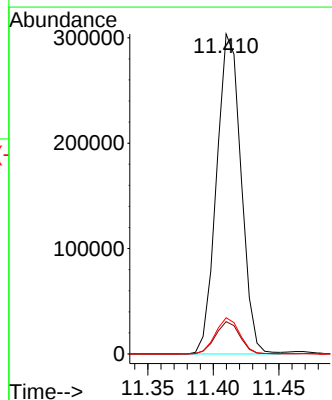
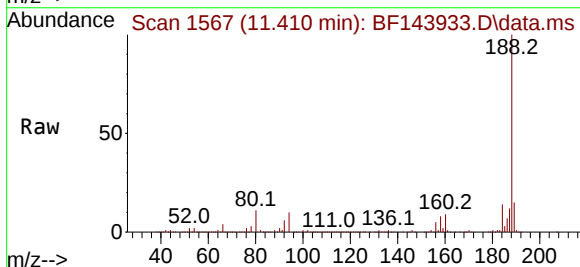
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

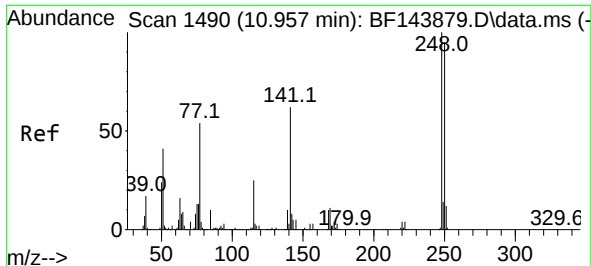
Tgt Ion: 77 Resp: 64925  
Ion Ratio Lower Upper  
77 100  
182 83.3 7.3 47.3#  
105 141.1 3.0 43.0#  
51 42.6 13.5 53.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

Tgt Ion: 188 Resp: 393737  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.8 11.6  
80 11.3 7.9 11.9

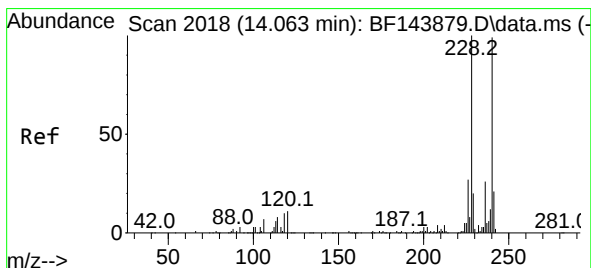
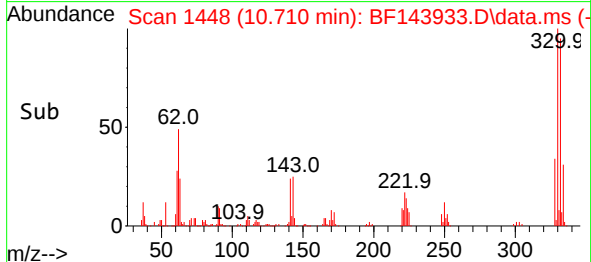
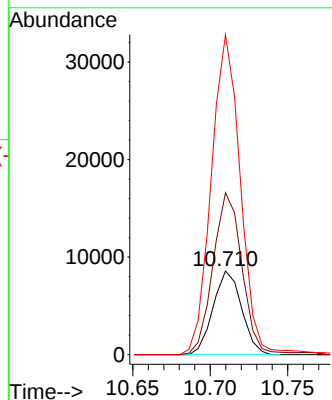
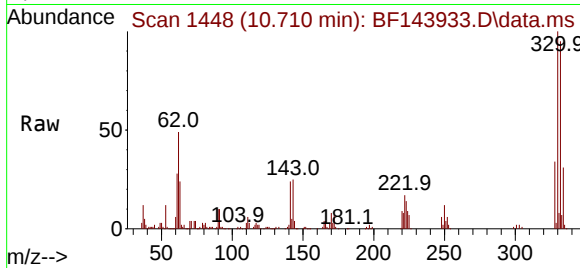




#67  
4-Bromophenyl-phenylether  
Concen: 2.523 ng  
RT: 10.710 min Scan# 14  
Delta R.T. -0.253 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

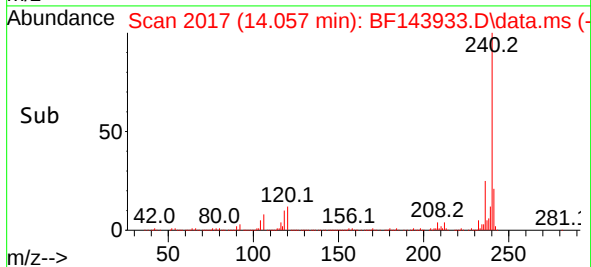
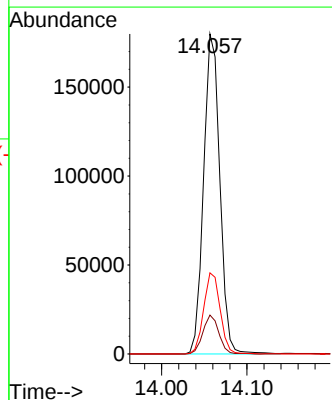
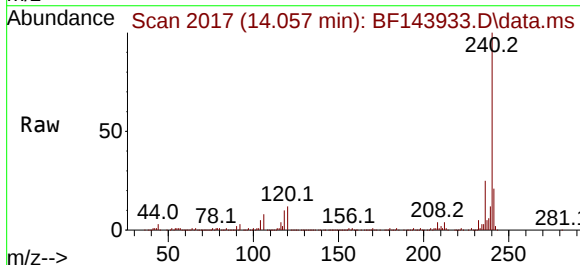
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

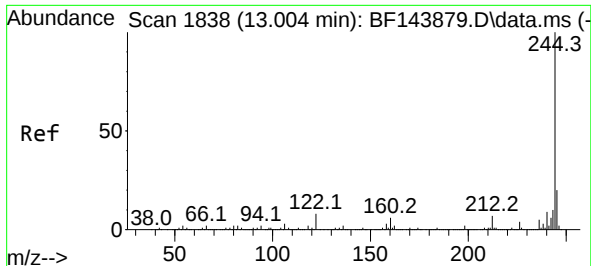
Tgt Ion:248 Resp: 10977  
Ion Ratio Lower Upper  
248 100  
250 193.3 76.3 114.5#  
141 382.0 49.7 74.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. -0.011 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

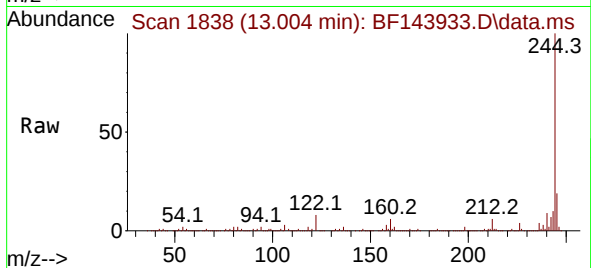
Tgt Ion:240 Resp: 237816  
Ion Ratio Lower Upper  
240 100  
120 12.2 8.6 13.0  
236 25.4 21.1 31.7



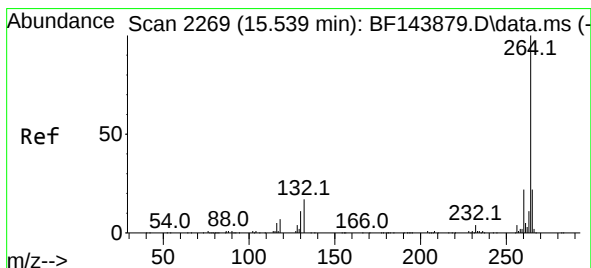
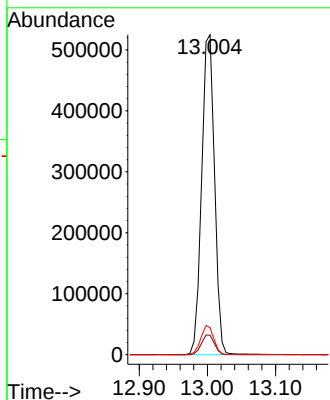
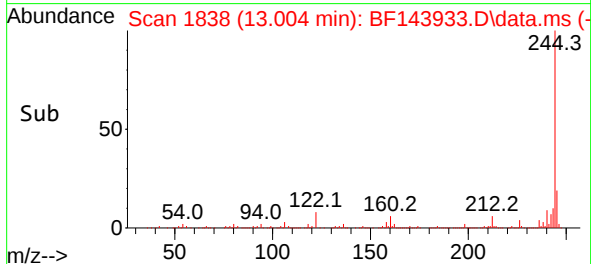


#79  
Terphenyl-d14  
Concen: 49.681 ng  
RT: 13.004 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35

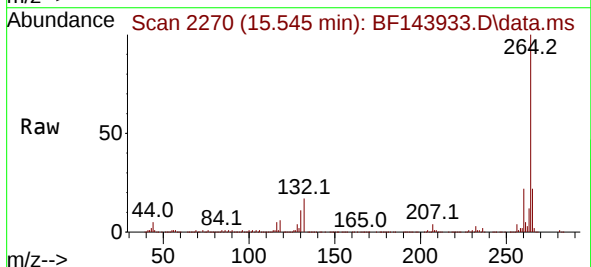
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1



Tgt Ion:244 Resp: 691303  
Ion Ratio Lower Upper  
244 100  
212 6.1 5.4 8.0  
122 8.5 6.4 9.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF143933.D  
Acq: 13 Oct 2025 15:35



Tgt Ion:264 Resp: 255531  
Ion Ratio Lower Upper  
264 100  
260 21.5 17.8 26.8  
265 22.2 17.5 26.3

