

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031125\  
 Data File : BF141911.D  
 Acq On : 11 Mar 2025 12:21  
 Operator : RC/JU  
 Sample : PB167045BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167045BL

Quant Time: Mar 11 12:49:33 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

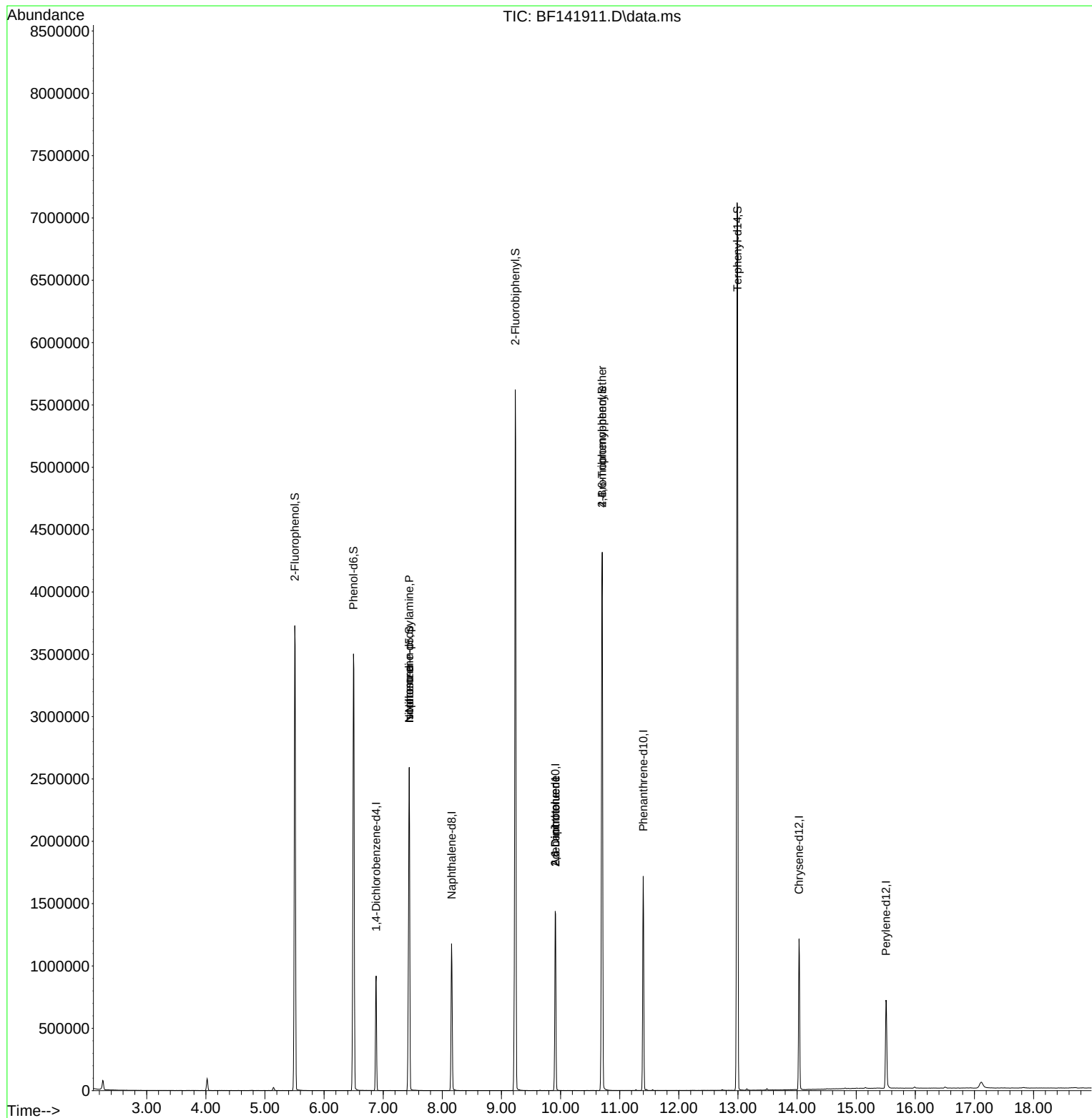
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 195741   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 776101   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 456846   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 870760   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 593256   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 436559   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 1550751  | 132.223 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.498  | 99   | 1924129  | 128.853 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 1293878  | 93.820  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 872593   | 150.559 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 2710664  | 90.236  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 3845965  | 95.845  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.439  | 70   | 181409   | 18.906  | ng    | # 79     |
| 25) Isophorone                | 7.439  | 82   | 1277886  | 52.420  | ng    | # 64     |
| 51) 2,6-Dinitrotoluene        | 9.910  | 165  | 59761    | 8.972   | ng    | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.910  | 165  | 59761    | 6.869   | ng    | # 24     |
| 67) 4-Bromophenyl-phenylether | 10.704 | 248  | 53826    | 4.922   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

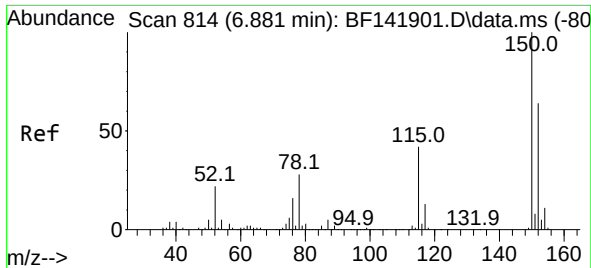
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031125\  
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Misc :  
ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Mar 11 12:49:33 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 15:46:22 2025  
Response via : Initial Calibration

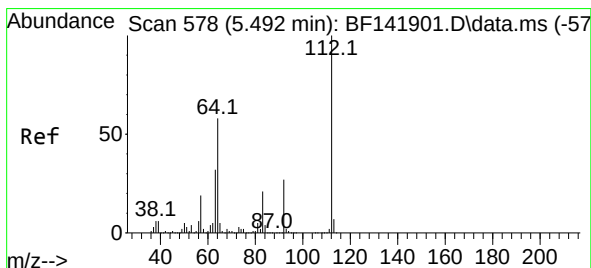
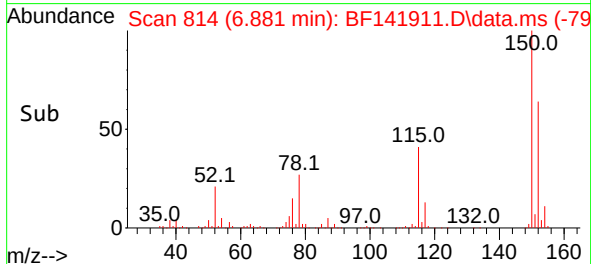
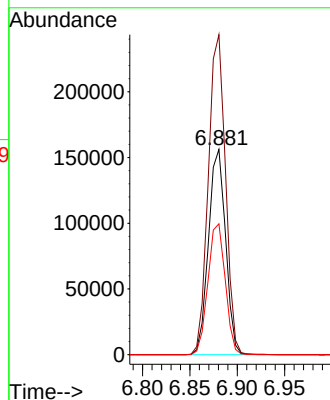
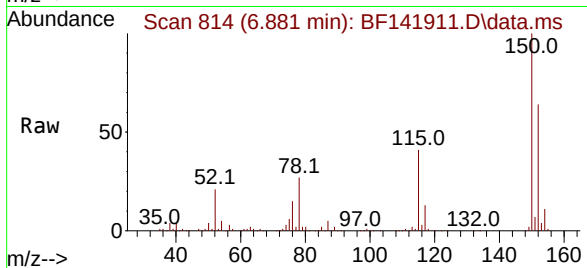




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

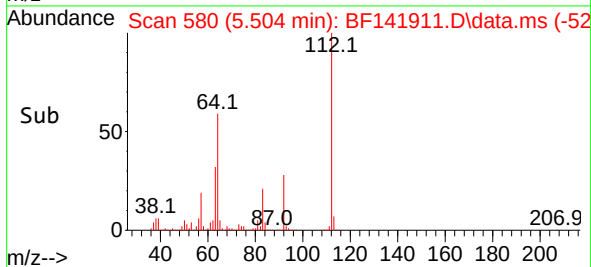
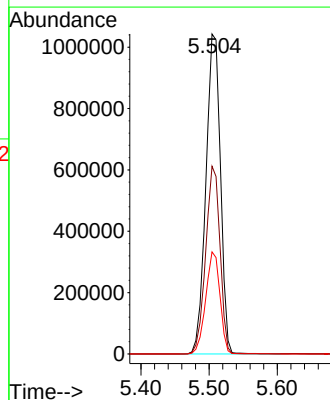
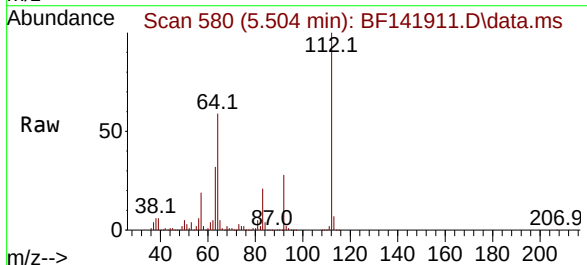
Instrument :  
BNA\_F  
ClientSampleId :  
PB167045BL

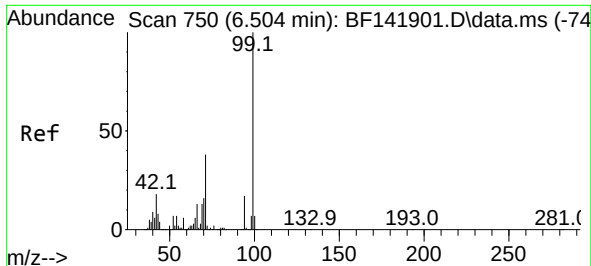
Tgt Ion:152 Resp: 195741  
Ion Ratio Lower Upper  
152 100  
150 155.9 127.4 191.2  
115 63.7 51.9 77.9



#5  
2-Fluorophenol  
Concen: 132.223 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.012 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

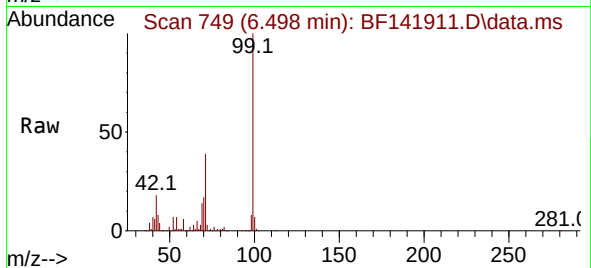
Tgt Ion:112 Resp: 1550751  
Ion Ratio Lower Upper  
112 100  
64 58.7 46.5 69.7  
63 31.9 25.4 38.2





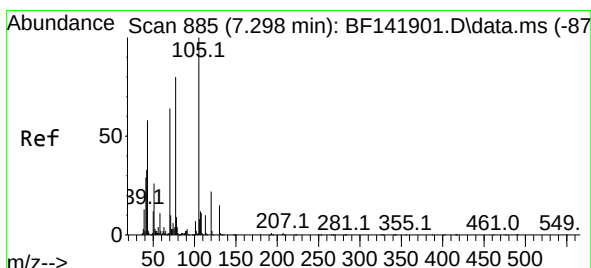
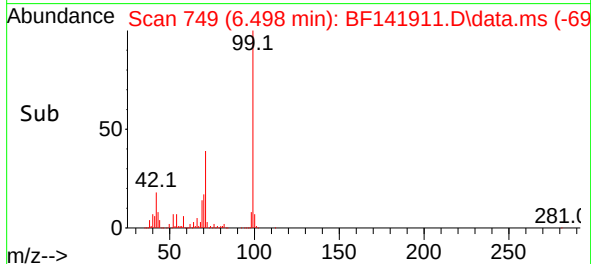
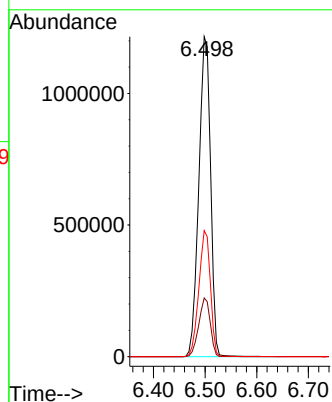
#7  
Phenol-d6  
Concen: 128.853 ng  
RT: 6.498 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB167045BL



Tgt Ion: 99 Resp: 1924129

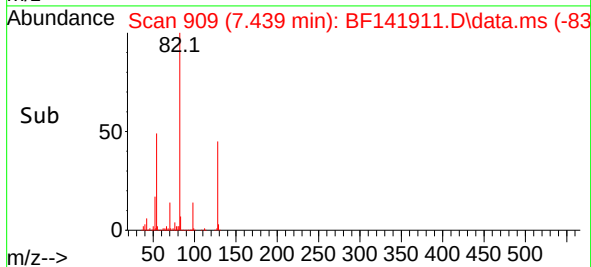
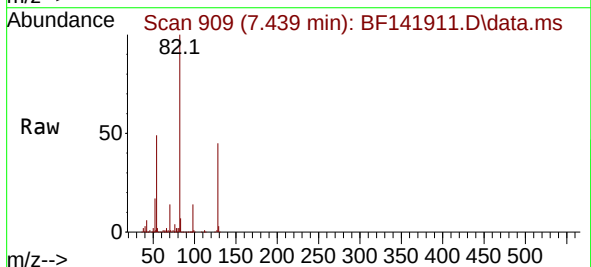
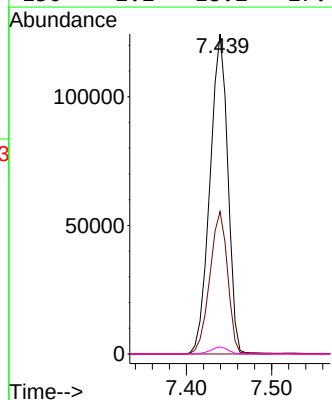
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.3  | 14.6  | 21.8  |
| 71  | 39.4  | 30.8  | 46.2  |

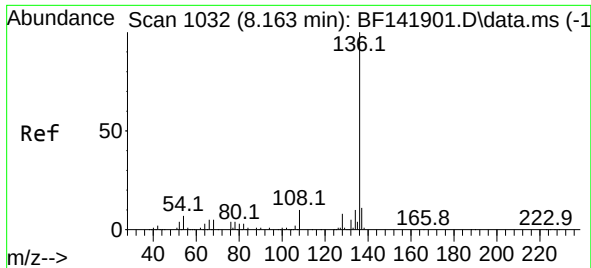


#19  
n-Nitroso-di-n-propylamine  
Concen: 18.906 ng  
RT: 7.439 min Scan# 909  
Delta R.T. 0.141 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

Tgt Ion: 70 Resp: 181409

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 44.5  | 41.4  | 62.0  |
| 101 | 0.0   | 8.2   | 12.2# |
| 130 | 2.2   | 18.2  | 27.4# |



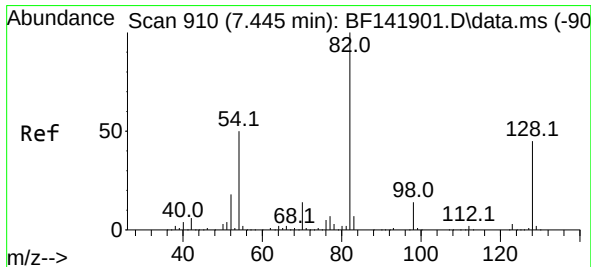
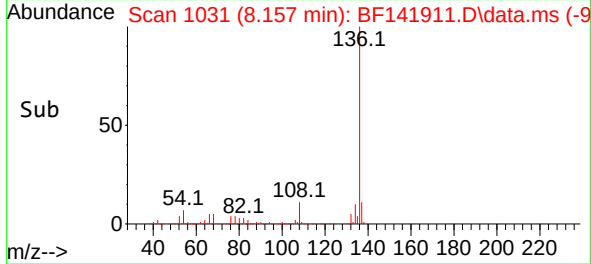
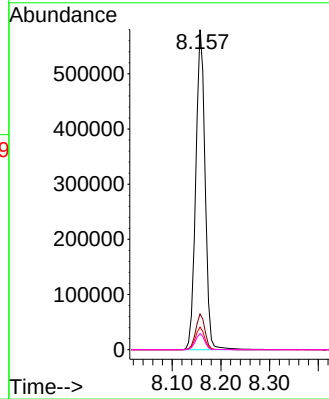
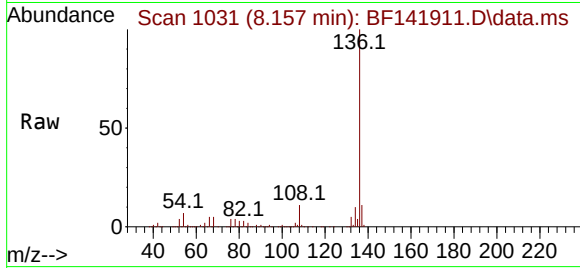


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB167045BL

Tgt Ion:136 Resp: 776101

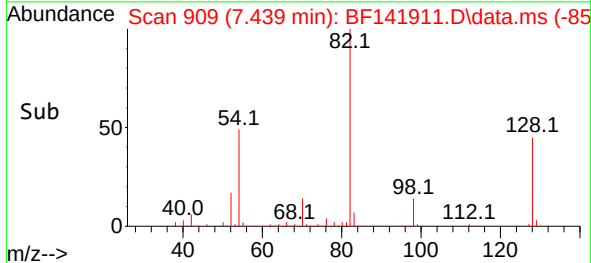
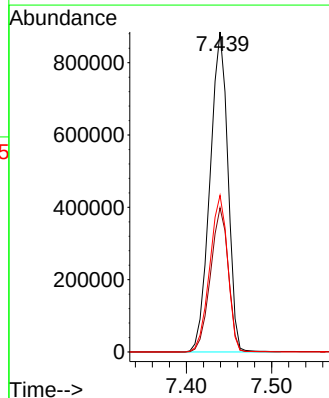
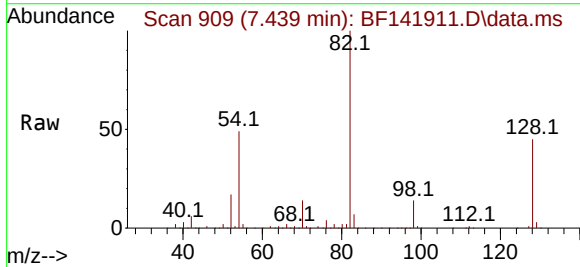
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.8   | 13.2  |
| 54  | 7.0   | 5.8   | 8.8   |
| 68  | 5.0   | 4.1   | 6.1   |

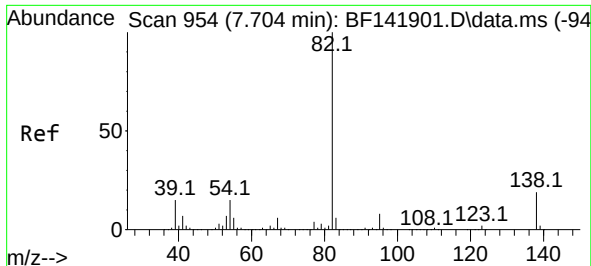


#23  
Nitrobenzene-d5  
Concen: 93.820 ng  
RT: 7.439 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

Tgt Ion: 82 Resp: 1293878

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.1  | 36.0  | 54.0  |
| 54  | 48.9  | 39.6  | 59.4  |

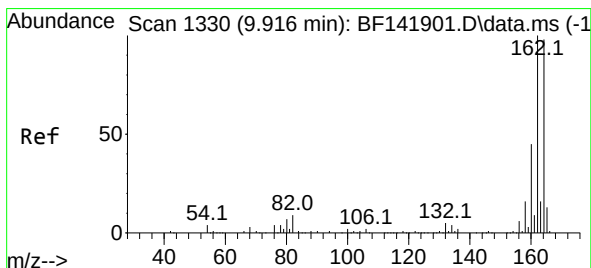
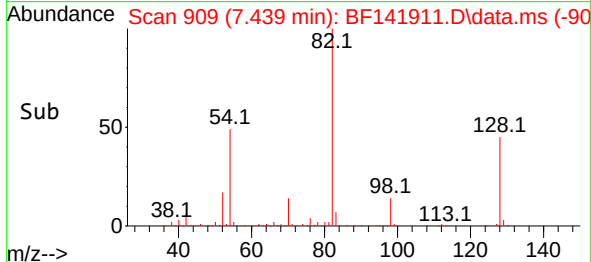
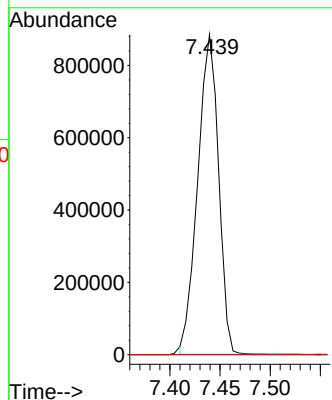
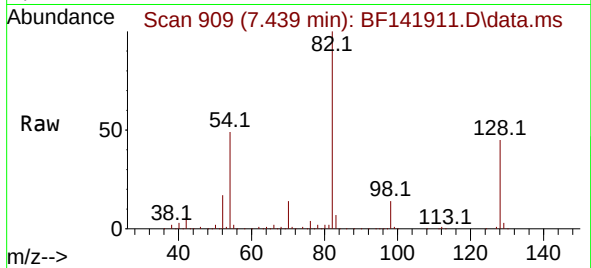




#25  
Isophorone  
Concen: 52.420 ng  
RT: 7.439 min Scan# 90  
Delta R.T. -0.265 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

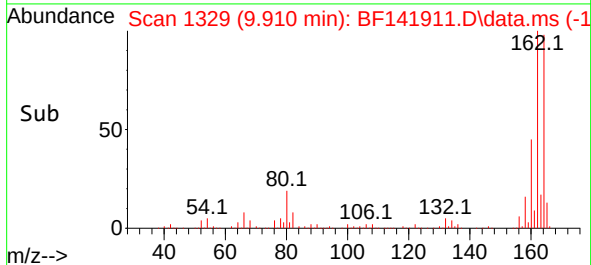
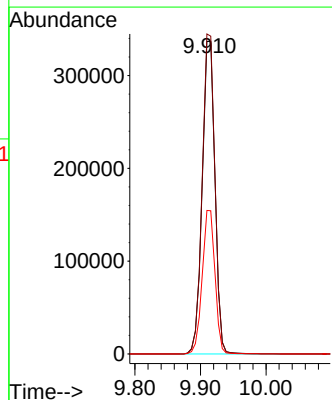
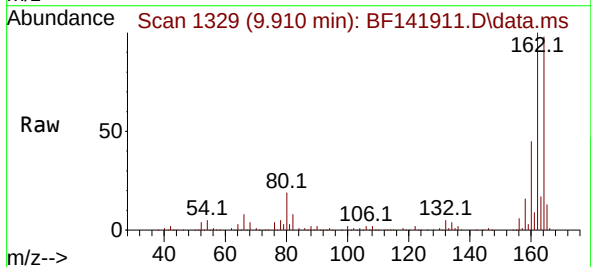
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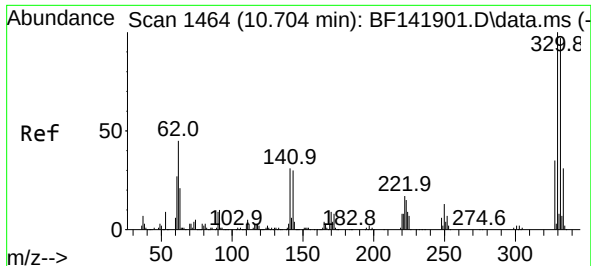
Tgt Ion: 82 Resp: 1277886  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 14.9 22.3#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

Tgt Ion:164 Resp: 456846  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.8 122.6  
160 45.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 150.559 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF141911.D

Acq: 11 Mar 2025 12:21

Instrument :

BNA\_F

ClientSampleId :

PB167045BL

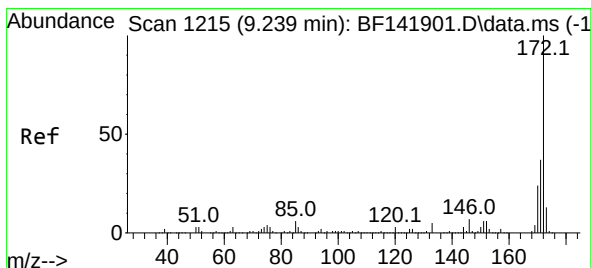
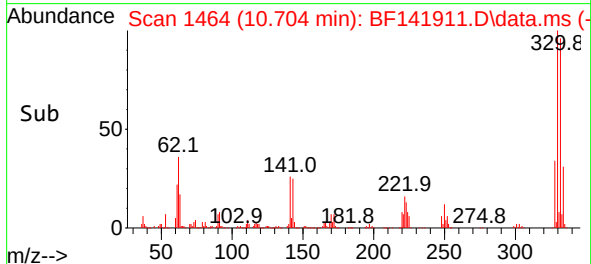
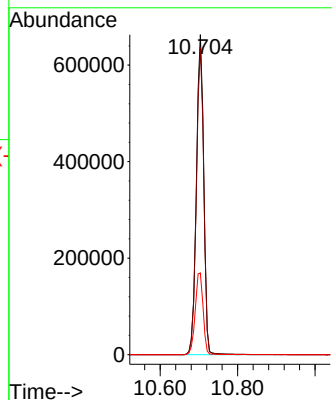
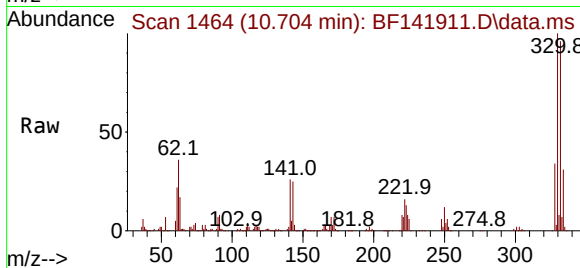
Tgt Ion:330 Resp: 872593

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 27.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 90.236 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141911.D

Acq: 11 Mar 2025 12:21

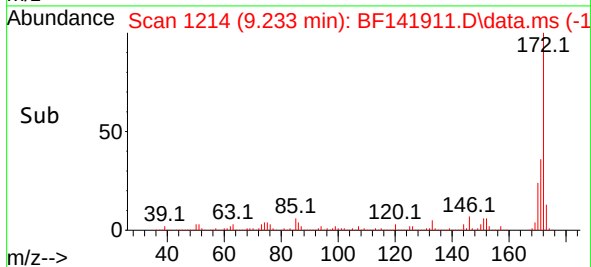
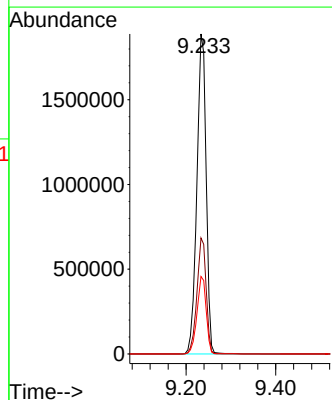
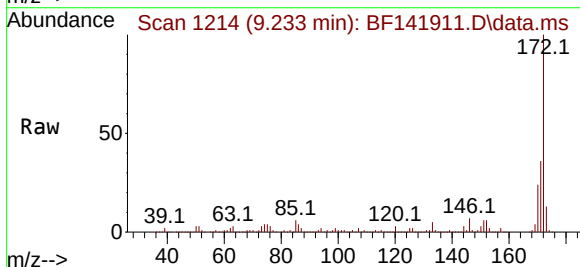
Tgt Ion:172 Resp: 2710664

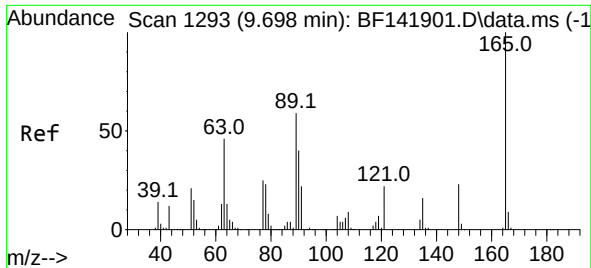
Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

170 24.2 19.4 29.0

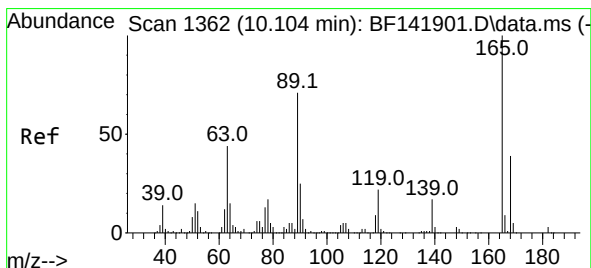
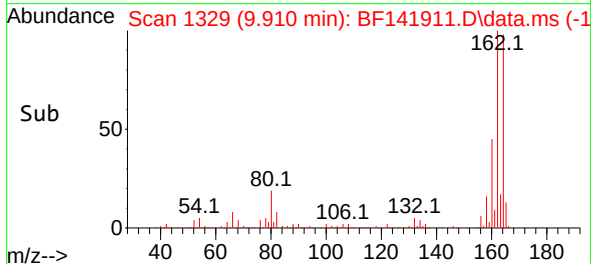
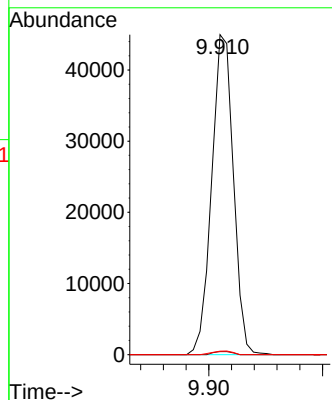
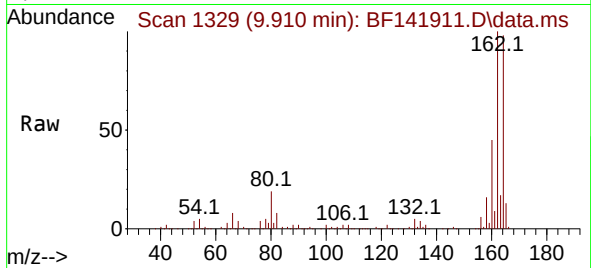




#51  
2,6-Dinitrotoluene  
Concen: 8.972 ng  
RT: 9.910 min Scan# 11  
Delta R.T. 0.212 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

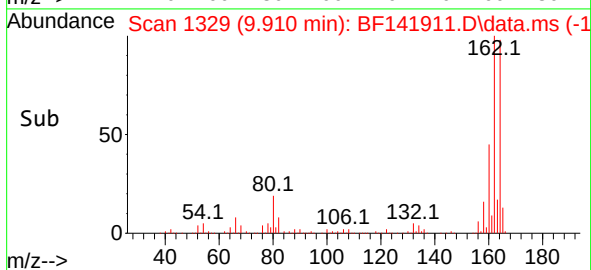
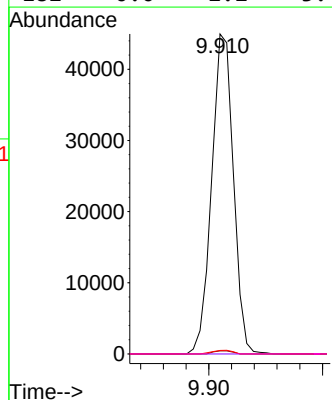
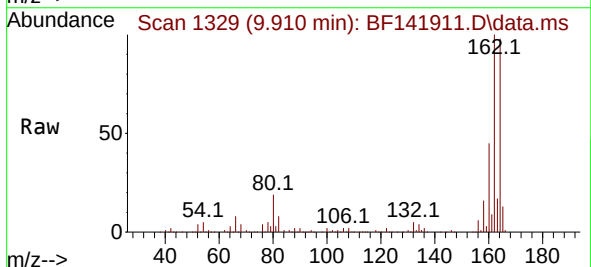
Instrument :  
BNA\_F  
ClientSampleId :  
PB167045BL

Tgt Ion:165 Resp: 59761  
Ion Ratio Lower Upper  
165 100  
63 1.0 47.0 70.4#  
89 1.1 47.4 71.2#

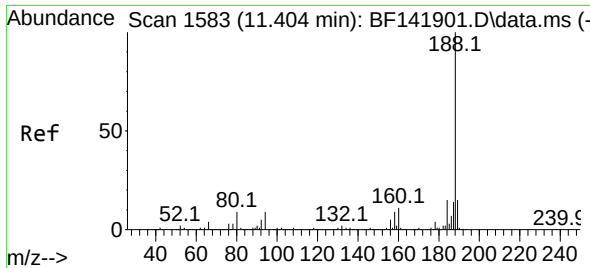


#57  
2,4-Dinitrotoluene  
Concen: 6.869 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.194 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

Tgt Ion:165 Resp: 59761  
Ion Ratio Lower Upper  
165 100  
63 1.0 35.4 53.2#  
89 1.1 56.6 84.8#  
182 0.0 2.2 3.4#



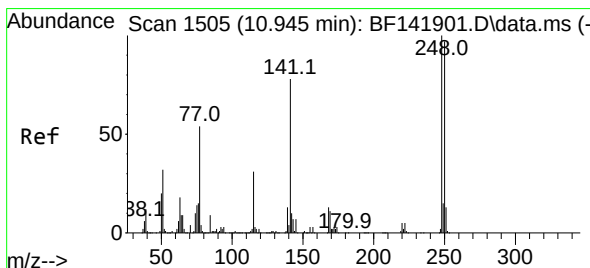
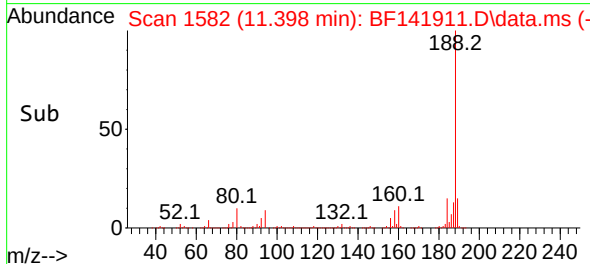
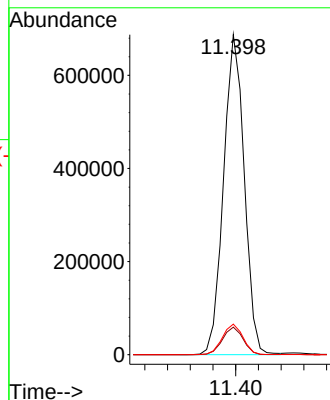
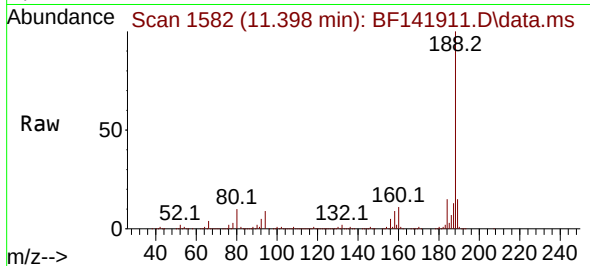




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

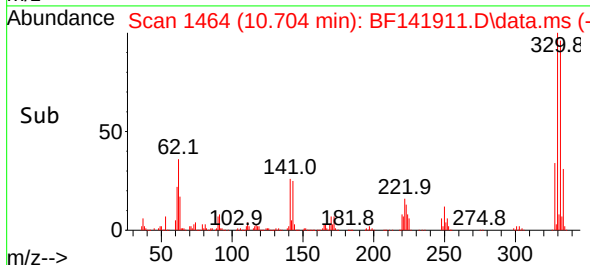
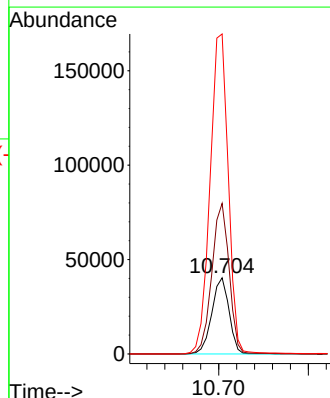
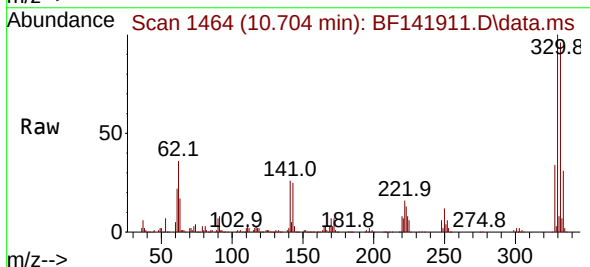
Instrument :  
BNA\_F  
ClientSampleId :  
PB167045BL

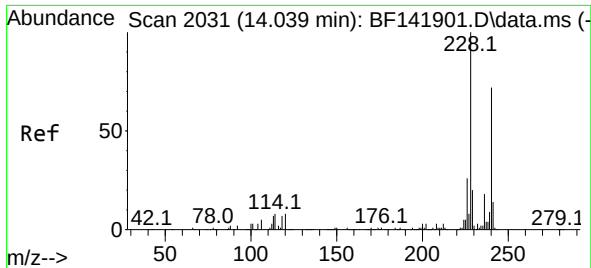
Tgt Ion:188 Resp: 870760  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.8 10.2  
80 9.6 7.6 11.4



#67  
4-Bromophenyl-phenylether  
Concen: 4.922 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. -0.241 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

Tgt Ion:248 Resp: 53826  
Ion Ratio Lower Upper  
248 100  
250 197.6 77.8 116.8#  
141 420.2 62.6 93.8#

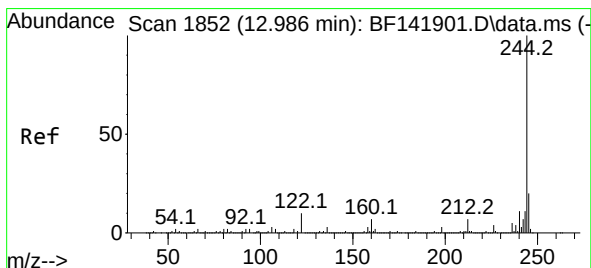
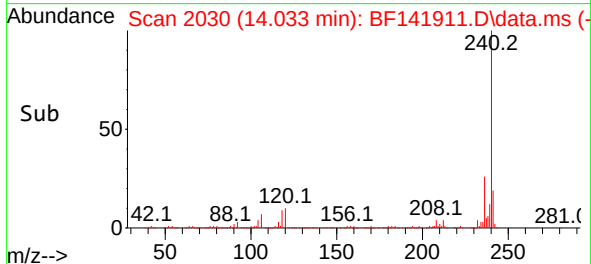
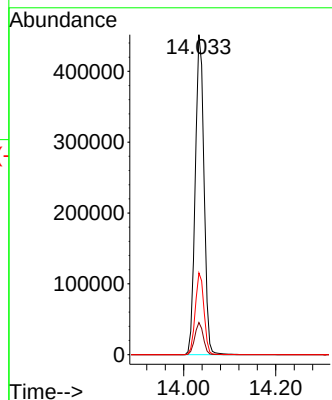
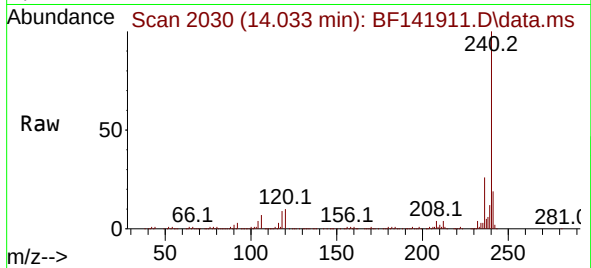




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

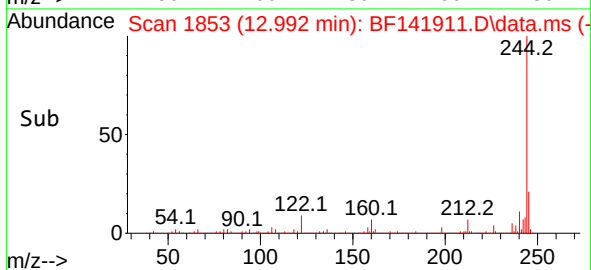
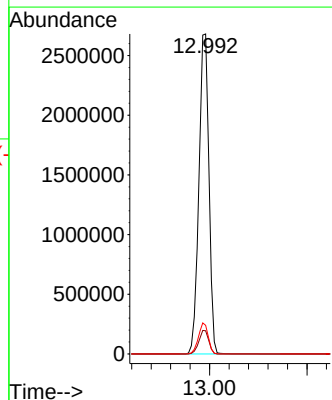
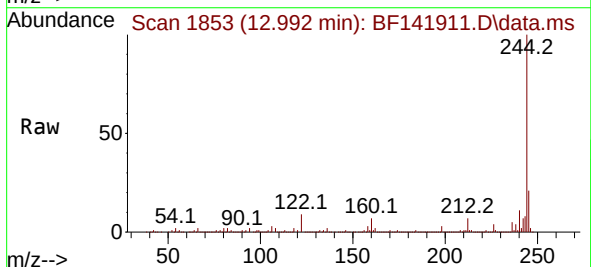
Instrument :  
BNA\_F  
ClientSampleId :  
PB167045BL

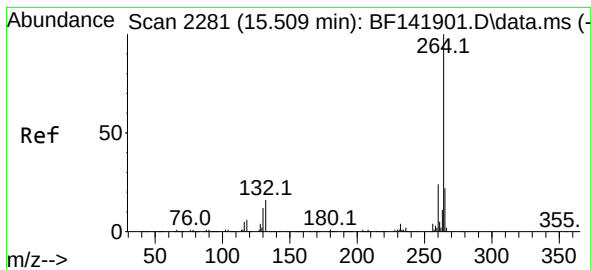
Tgt Ion:240 Resp: 593256  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.4 12.6  
236 25.6 20.5 30.7



#79  
Terphenyl-d14  
Concen: 95.845 ng  
RT: 12.992 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: BF141911.D  
Acq: 11 Mar 2025 12:21

Tgt Ion:244 Resp: 3845965  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.0 9.0  
122 9.0 7.7 11.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.504 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF141911.D  
 Acq: 11 Mar 2025 12:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167045BL

Tgt Ion:264 Resp: 436559  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 19.1 28.7  
 265 21.7 17.5 26.3

