

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102925\  
 Data File : BF144134.D  
 Acq On : 29 Oct 2025 18:01  
 Operator : RC/JU  
 Sample : Q3476-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-07-102825

Quant Time: Oct 29 18:26:58 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

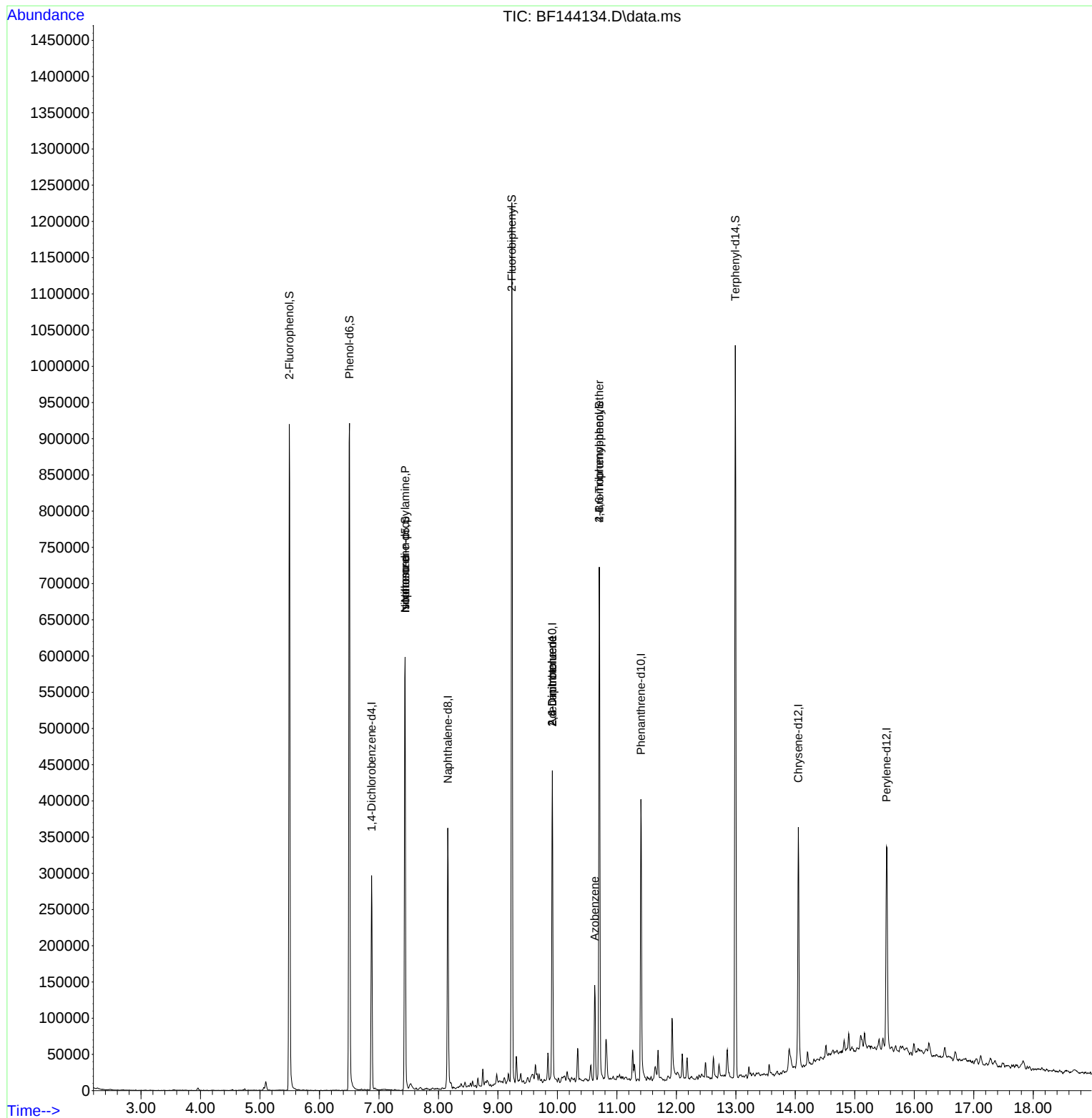
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 61727    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 230215   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 129983   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 215004   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 163487   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 188777   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 348121   | 89.226 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 399043   | 92.610 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 254383   | 60.539 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 143668   | 86.770 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 554649   | 60.047 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 524883   | 56.127 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.439  | 70   | 39569    | 14.201 | ng    | # 68     |
| 25) Isophorone                | 7.439  | 82   | 254380   | 34.627 | ng    | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.916  | 165  | 17247    | 10.240 | ng    | # 22     |
| 57) 2,4-Dinitrotoluene        | 9.916  | 165  | 17247    | 7.587  | ng    | # 25     |
| 63) Azobenzene                | 10.627 | 77   | 33363    | 4.399  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.704 | 248  | 8193     | 3.043  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

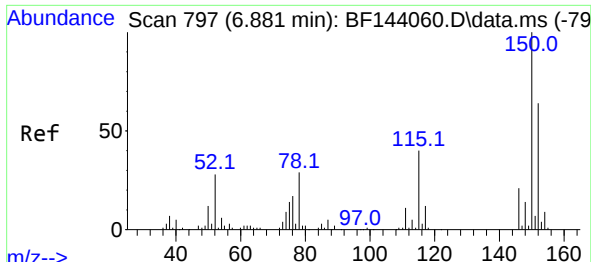
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102925\  
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Sample : Q3476-01  
Misc :  
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Instrument :  
BNA\_F  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 2025  
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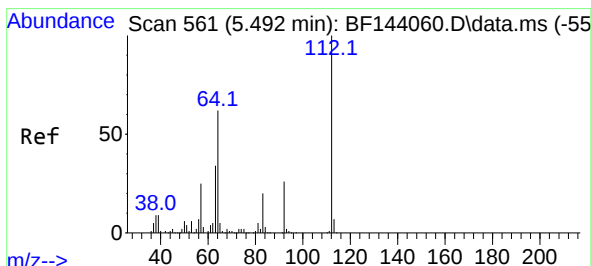
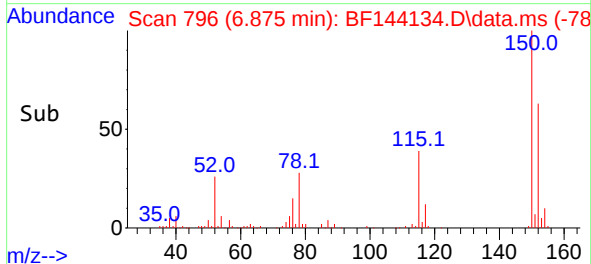
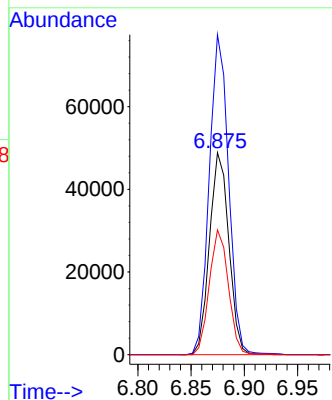
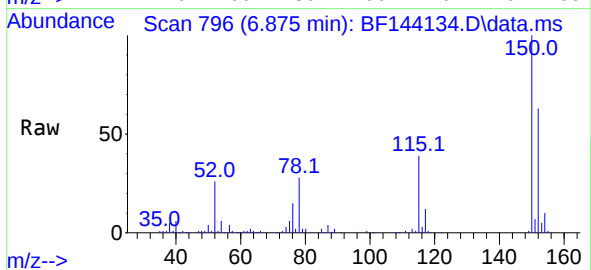




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

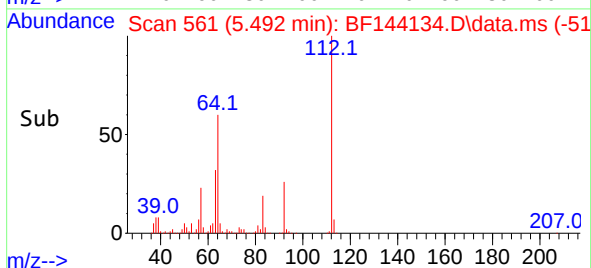
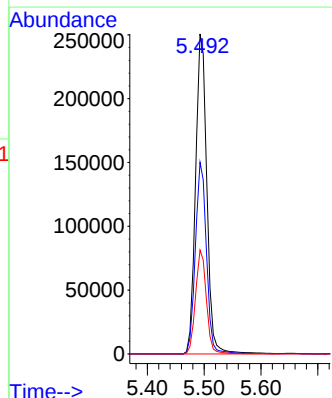
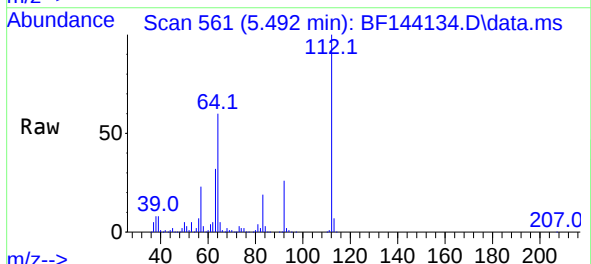
Instrument :  
BNA\_F  
ClientSampleId :  
NB-07-102825

Tgt Ion:152 Resp: 61727  
Ion Ratio Lower Upper  
152 100  
150 158.3 124.4 186.6  
115 61.8 49.4 74.0



#5  
2-Fluorophenol  
Concen: 89.226 ng  
RT: 5.492 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

Tgt Ion:112 Resp: 348121  
Ion Ratio Lower Upper  
112 100  
64 59.9 49.8 74.8  
63 32.4 27.4 41.2

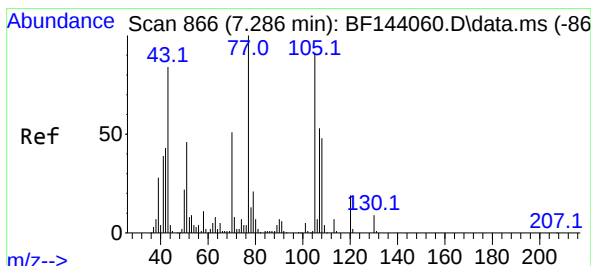
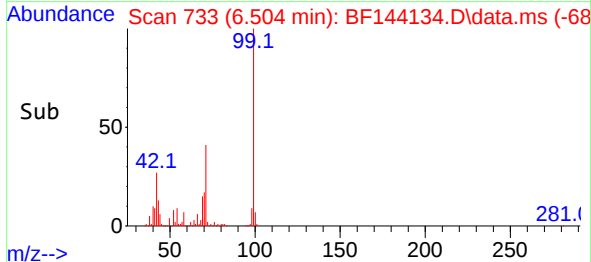
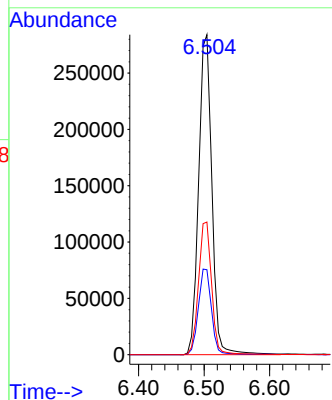
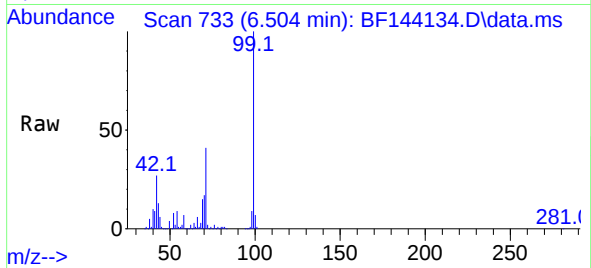




#7  
Phenol-d6  
Concen: 92.610 ng  
RT: 6.504 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

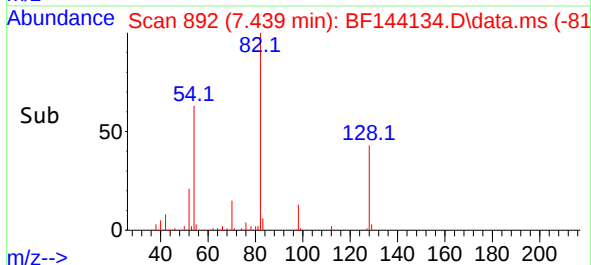
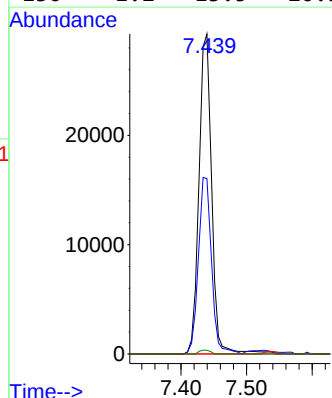
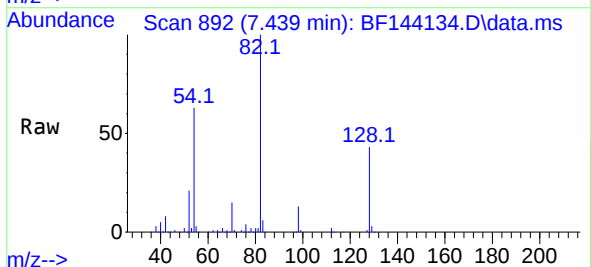
Instrument :  
BNA\_F  
ClientSampleId :  
NB-07-102825

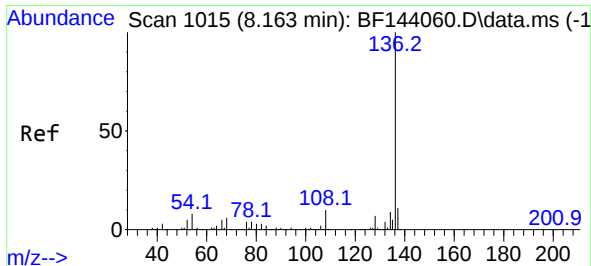
Tgt Ion: 99 Resp: 399043  
Ion Ratio Lower Upper  
99 100  
42 26.5 23.9 35.9  
71 41.5 34.4 51.6



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.201 ng  
RT: 7.439 min Scan# 892  
Delta R.T. 0.153 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

Tgt Ion: 70 Resp: 39569  
Ion Ratio Lower Upper  
70 100  
42 54.8 67.4 101.0#  
101 0.0 7.1 10.7#  
130 1.2 13.5 20.3#



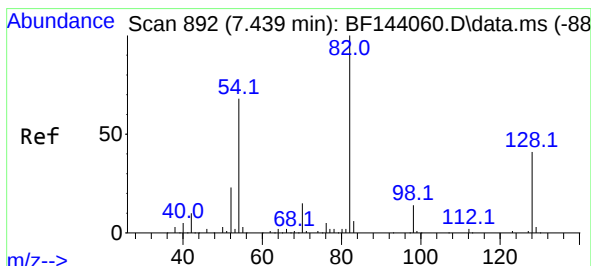
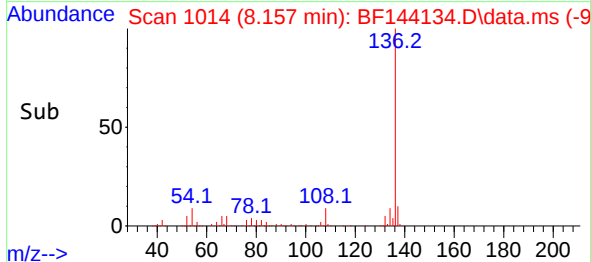
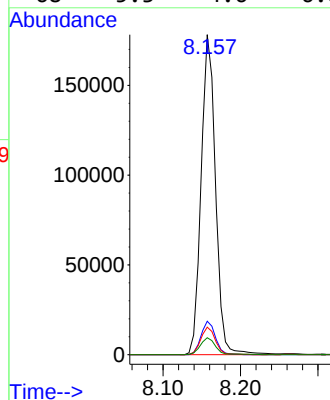
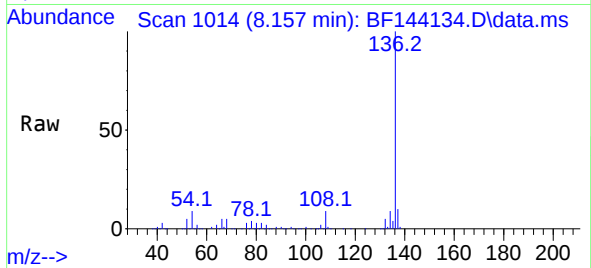


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

Instrument :  
BNA\_F  
ClientSampleId :  
NB-07-102825

Tgt Ion:136 Resp: 230215

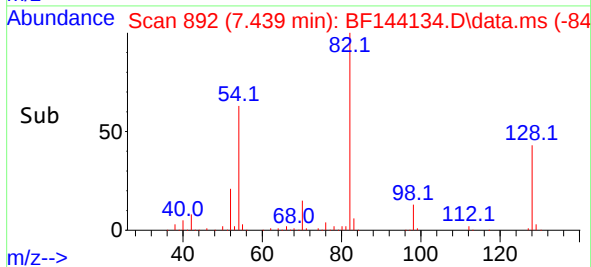
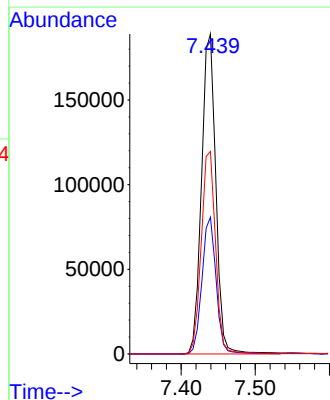
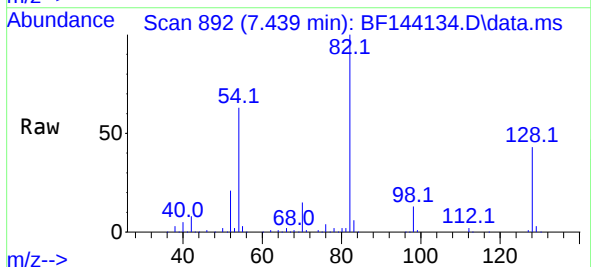
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 8.6   | 13.0  |
| 54  | 8.6   | 6.6   | 9.8   |
| 68  | 5.3   | 4.6   | 6.8   |

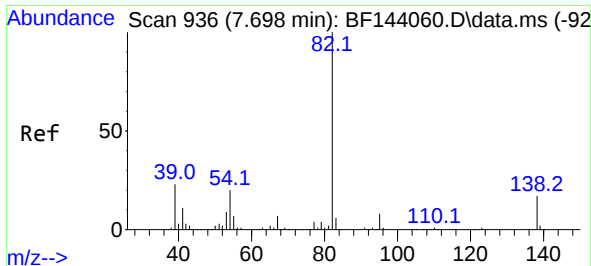


#23  
Nitrobenzene-d5  
Concen: 60.539 ng  
RT: 7.439 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

Tgt Ion: 82 Resp: 254383

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.7  | 32.4  | 48.6  |
| 54  | 63.3  | 54.0  | 81.0  |

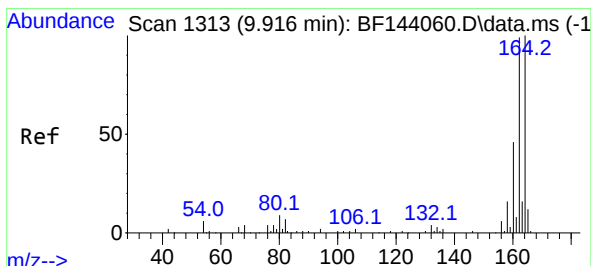
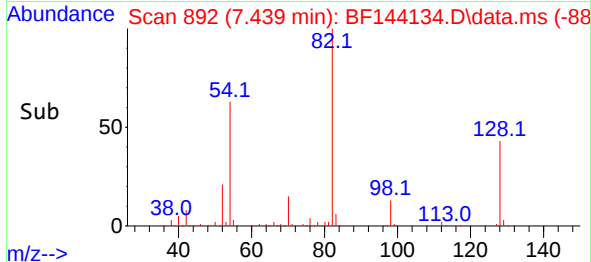
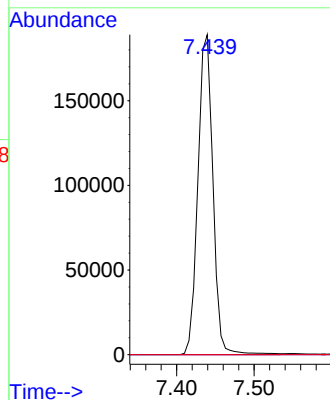
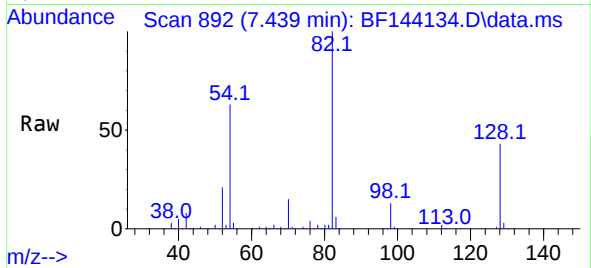




#25  
Isophorone  
Concen: 34.627 ng  
RT: 7.439 min Scan# 892  
Delta R.T. -0.259 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

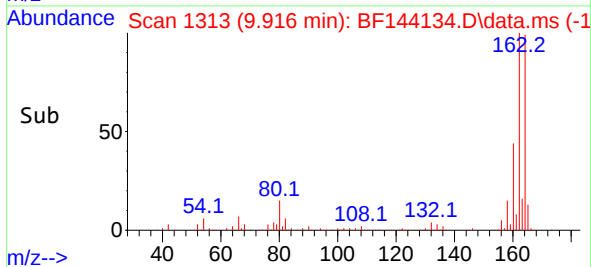
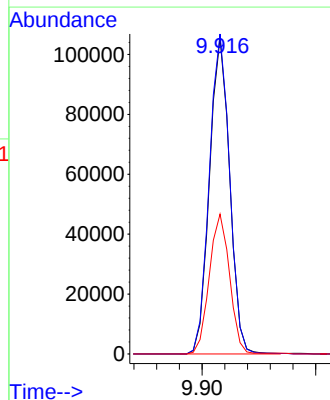
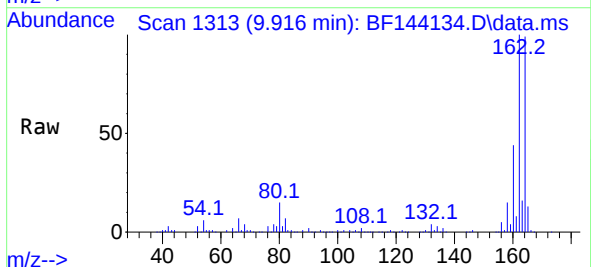
Instrument :  
BNA\_F  
ClientSampleId :  
NB-07-102825

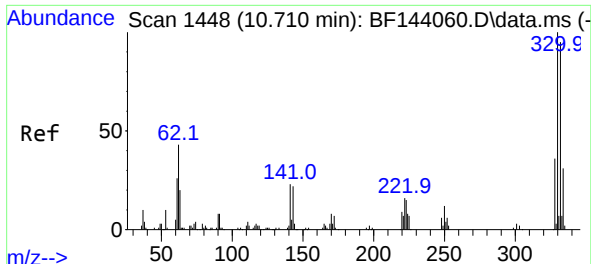
Tgt Ion: 82 Resp: 254380  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.6 9.8#  
138 0.0 13.8 20.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

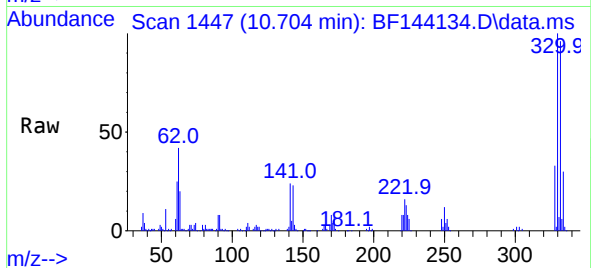
Tgt Ion:164 Resp: 129983  
Ion Ratio Lower Upper  
164 100  
162 101.3 79.4 119.2  
160 44.3 36.7 55.1



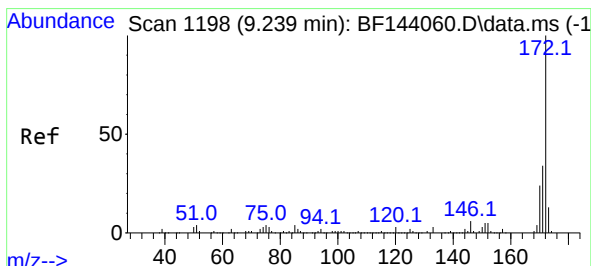
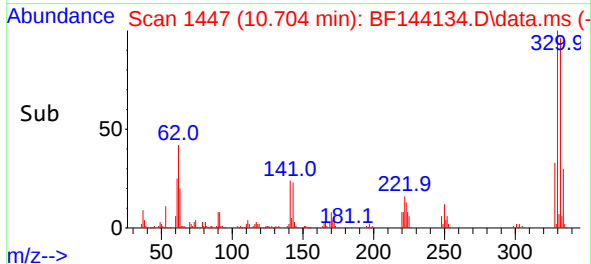
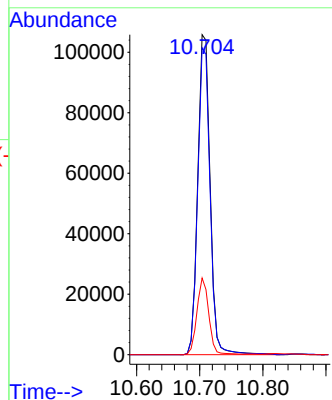


#42  
2,4,6-Tribromophenol  
Concen: 86.770 ng  
RT: 10.704 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

Instrument :  
BNA\_F  
ClientSampleId :  
NB-07-102825

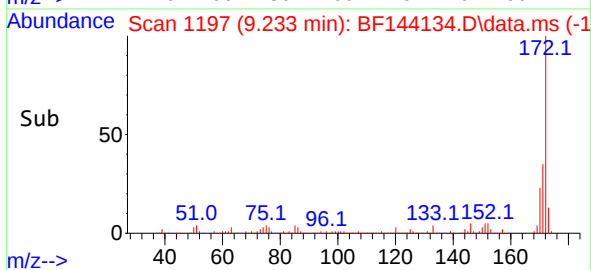
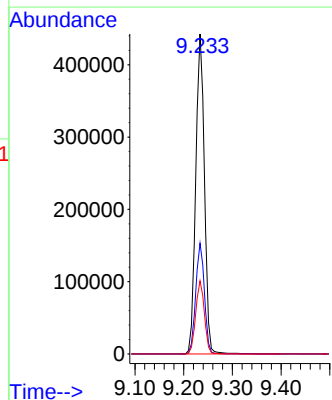
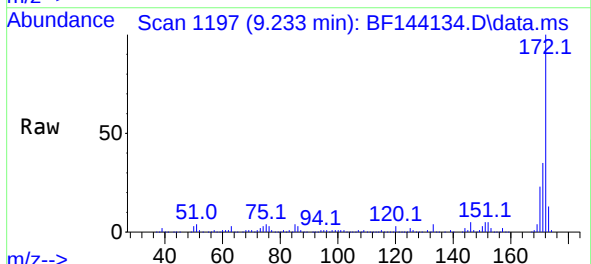


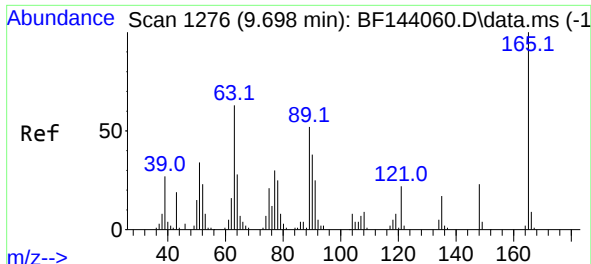
Tgt Ion:330 Resp: 143668  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.0 115.6  
141 23.0 19.4 29.0



#45  
2-Fluorobiphenyl  
Concen: 60.047 ng  
RT: 9.233 min Scan# 1197  
Delta R.T. -0.006 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

Tgt Ion:172 Resp: 554649  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.5 41.3  
170 22.8 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 10.240 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF144134.D

Acq: 29 Oct 2025 18:01

Instrument :

BNA\_F

ClientSampleId :

NB-07-102825

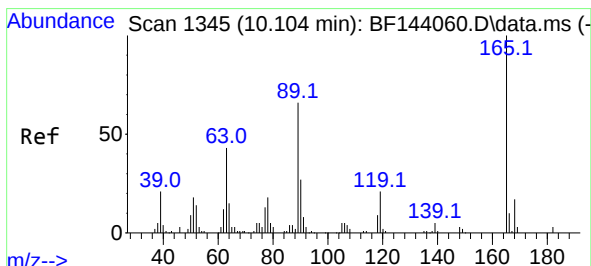
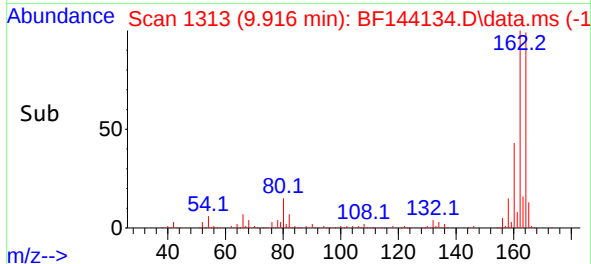
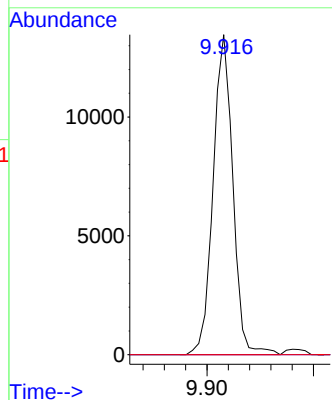
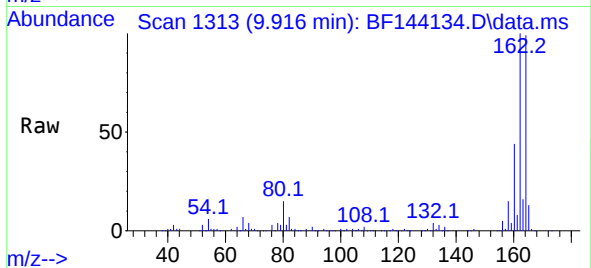
Tgt Ion:165 Resp: 17247

Ion Ratio Lower Upper

165 100

63 0.0 50.4 75.6#

89 0.0 41.4 62.2#



#57

2,4-Dinitrotoluene

Concen: 7.587 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.188 min

Lab File: BF144134.D

Acq: 29 Oct 2025 18:01

Tgt Ion:165 Resp: 17247

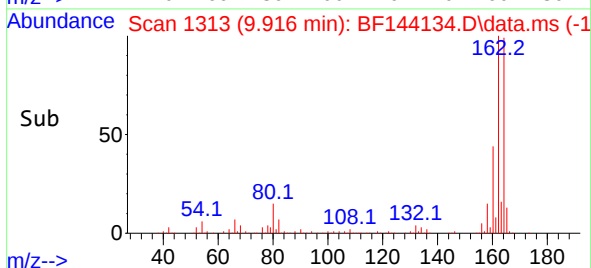
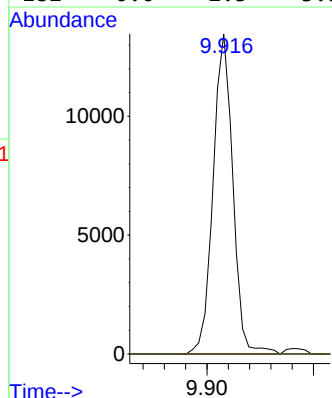
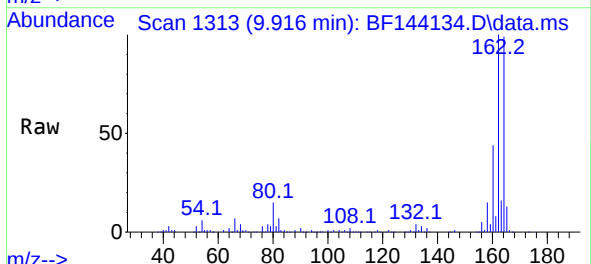
Ion Ratio Lower Upper

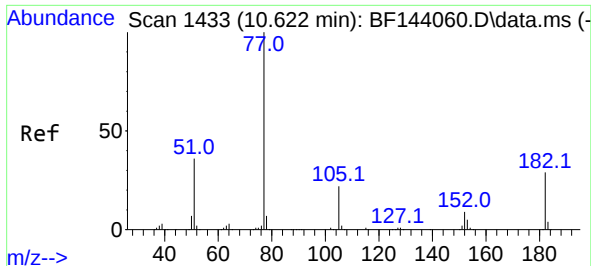
165 100

63 0.0 35.4 53.2#

89 0.0 52.7 79.1#

182 0.0 2.3 3.5#



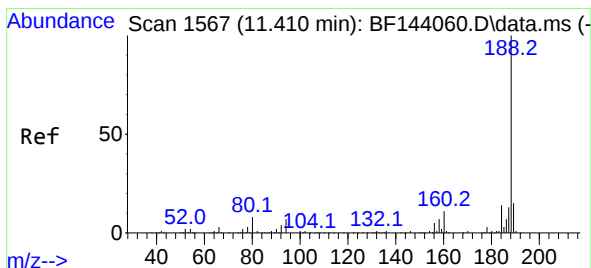
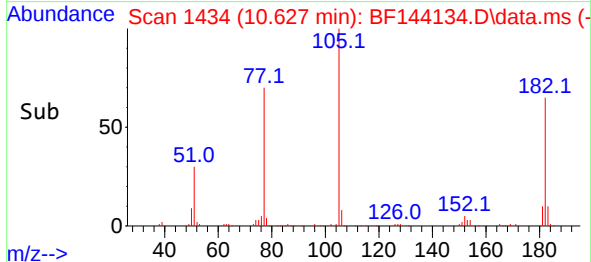
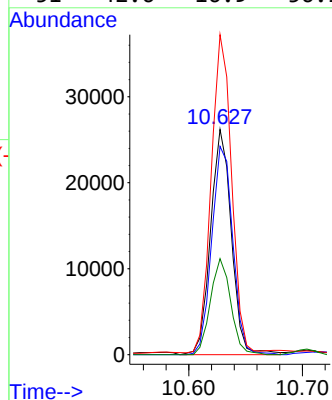
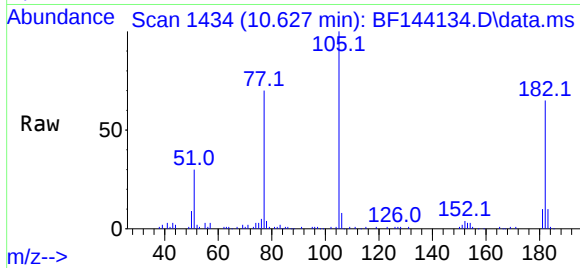


#63  
Azobenzene  
Concen: 4.399 ng  
RT: 10.627 min Scan# 1433  
Delta R.T. 0.006 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

Instrument :  
BNA\_F  
ClientSampleId :  
NB-07-102825

Tgt Ion: 77 Resp: 33363

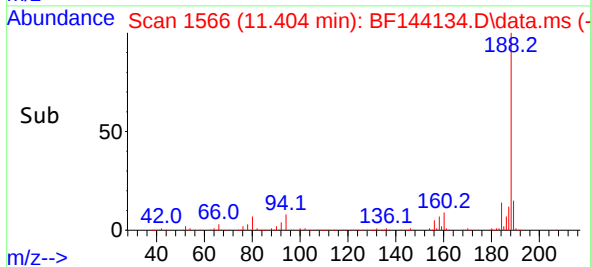
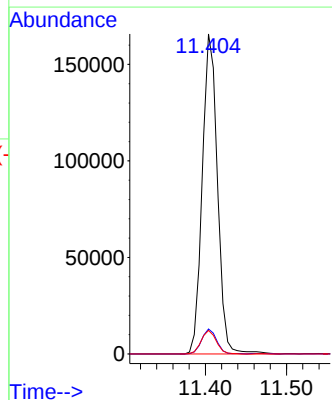
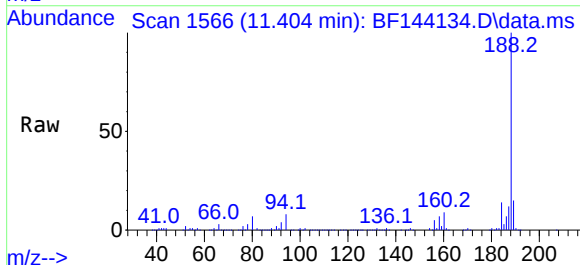
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 92.5  | 9.0   | 49.0# |
| 105 | 142.0 | 1.4   | 41.4# |
| 51  | 42.6  | 16.9  | 56.9  |

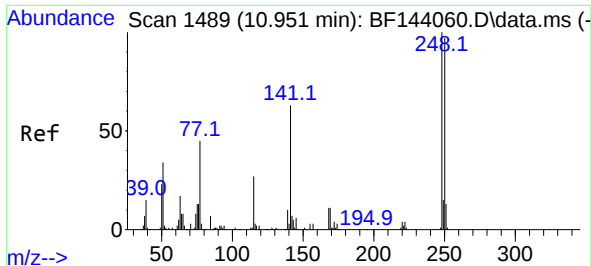


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

Tgt Ion: 188 Resp: 215004

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.8   | 5.4   | 8.0   |
| 80  | 7.3   | 6.0   | 9.0   |

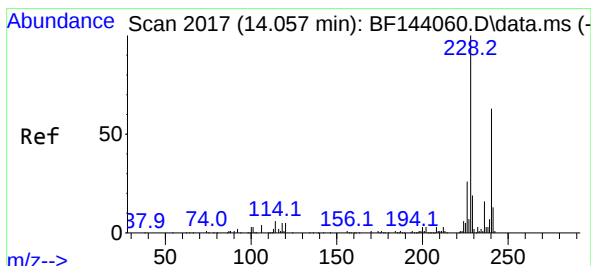
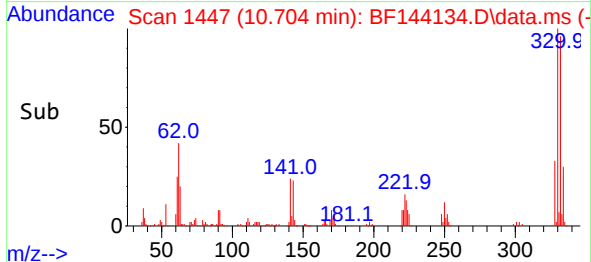
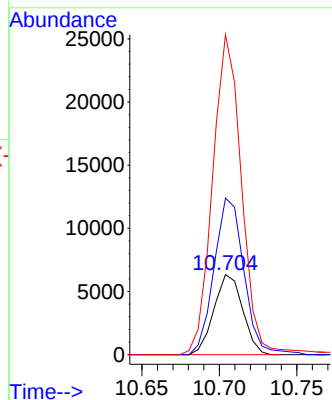
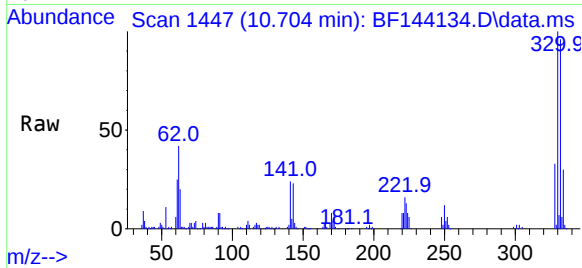




#67  
4-Bromophenyl-phenylether  
Concen: 3.043 ng  
RT: 10.704 min Scan# 14  
Delta R.T. -0.247 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

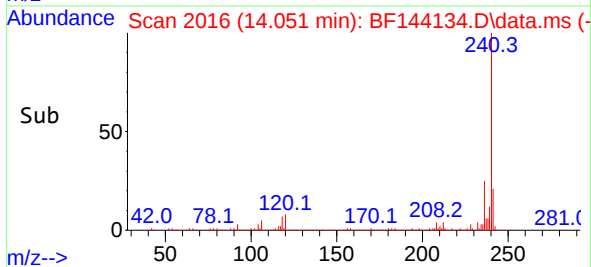
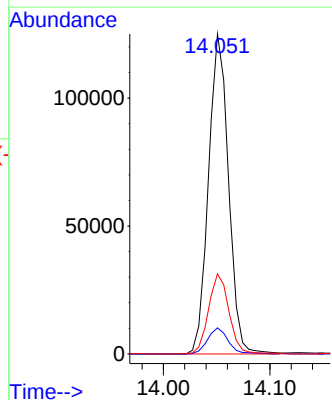
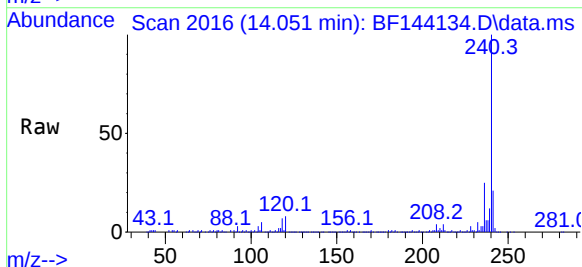
Instrument :  
BNA\_F  
ClientSampleId :  
NB-07-102825

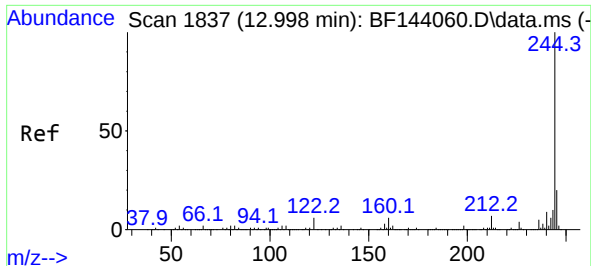
Tgt Ion:248 Resp: 8193  
Ion Ratio Lower Upper  
248 100  
250 195.5 77.8 116.6#  
141 399.3 50.5 75.7#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF144134.D  
Acq: 29 Oct 2025 18:01

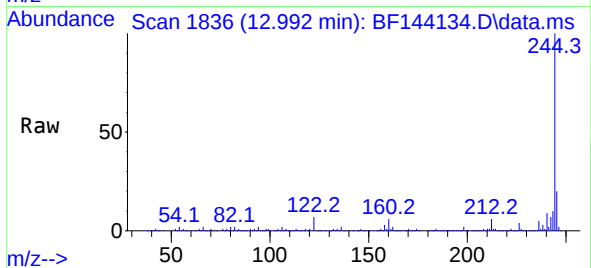
Tgt Ion:240 Resp: 163487  
Ion Ratio Lower Upper  
240 100  
120 8.2 6.5 9.7  
236 25.0 20.1 30.1



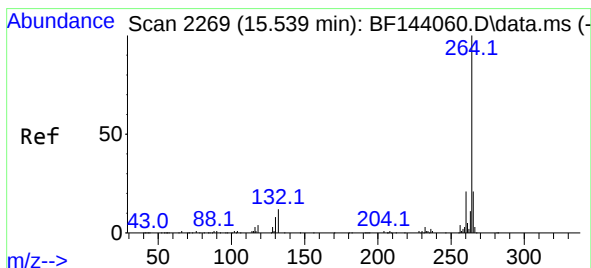
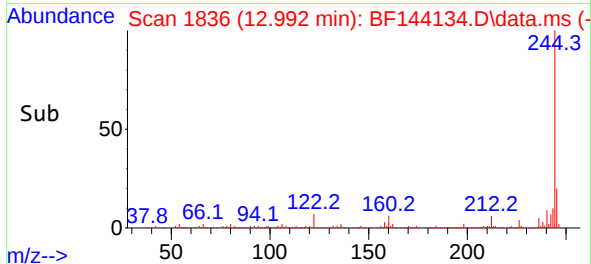
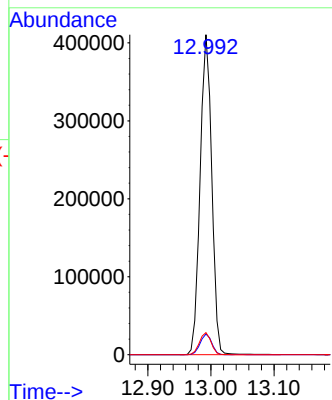


#79  
 Terphenyl-d14  
 Concen: 56.127 ng  
 RT: 12.992 min Scan# 1836  
 Delta R.T. -0.006 min  
 Lab File: BF144134.D  
 Acq: 29 Oct 2025 18:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-07-102825



Tgt Ion:244 Resp: 524883  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.8 8.6  
 122 6.9 4.9 7.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.533 min Scan# 2268  
 Delta R.T. -0.006 min  
 Lab File: BF144134.D  
 Acq: 29 Oct 2025 18:01

Tgt Ion:264 Resp: 188777  
 Ion Ratio Lower Upper  
 264 100  
 260 21.9 17.0 25.4  
 265 20.6 16.6 24.8

