

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121625\  
 Data File : BF144501.D  
 Acq On : 16 Dec 2025 18:16  
 Operator : RC/JU  
 Sample : Q3864-25  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B145(10-11.5)121025

Quant Time: Dec 17 00:49:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 12 15:57:03 2025  
 Response via : Initial Calibration

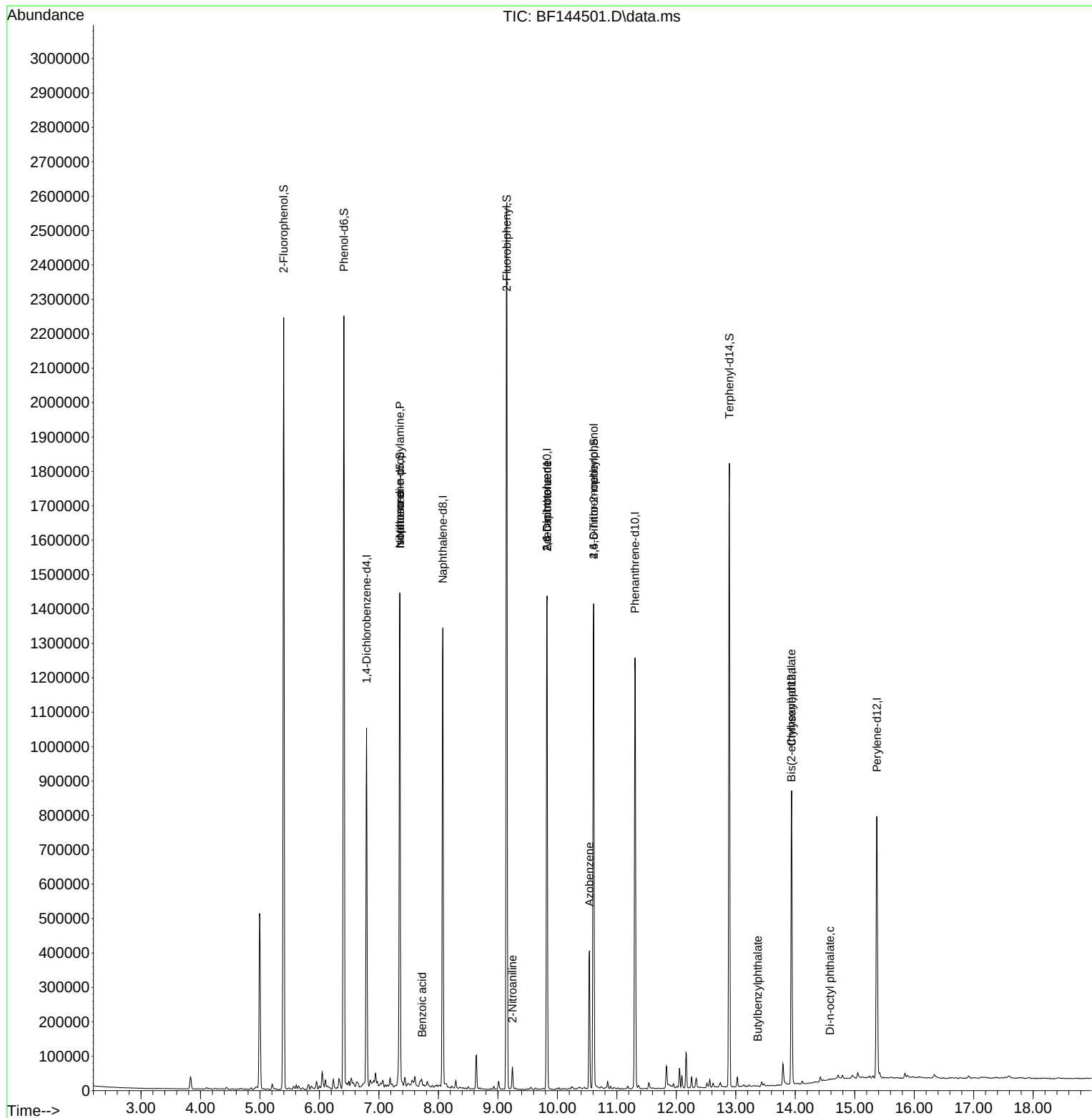
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.792  | 152  | 209597   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 832741   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.828  | 164  | 438069   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.304 | 188  | 640328   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.939 | 240  | 395071   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.374 | 264  | 440554   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 839880   | 60.420 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.410  | 99   | 1052675  | 60.713 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 609893   | 45.832 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 236310   | 59.666 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 1168802  | 40.930 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.892 | 244  | 872141   | 34.853 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.351  | 70   | 85865    | 7.840  | ng    | # 77     |
| 25) Isophorone                | 7.351  | 82   | 600052   | 19.980 | ng    | # 65     |
| 32) Benzoic acid              | 7.728  | 122  | 206      | 6.486  | ng    | # 54     |
| 48) 2-Nitroaniline            | 9.245  | 65   | 1574     | 3.827  | ng    | # 16     |
| 51) 2,6-Dinitrotoluene        | 9.828  | 165  | 56734    | 13.519 | ng    | # 24     |
| 57) 2,4-Dinitrotoluene        | 9.828  | 165  | 56734    | 10.927 | ng    | # 21     |
| 63) Azobenzene                | 10.539 | 77   | 100746   | 3.399  | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 10.610 | 198  | 463      | 6.954  | ng    | # 1      |
| 80) Butylbenzylphthalate      | 13.368 | 149  | 345      | 3.285  | ng    | # 61     |
| 84) Bis(2-ethylhexyl)phtha... | 13.933 | 149  | 3649     | 3.152  | ng    | # 83     |
| 85) Di-n-octyl phthalate      | 14.580 | 149  | 361      | 6.517  | ng    | # 64     |
| -----                         |        |      |          |        |       |          |

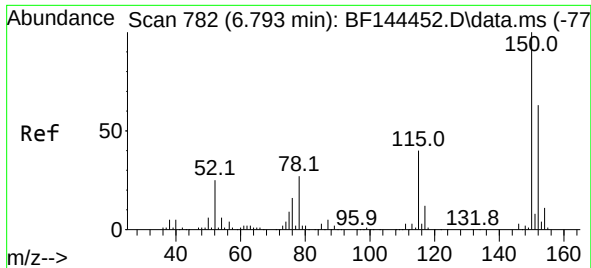
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121625\  
Data File : BF144501.D  
Acq On : 16 Dec 2025 18:16  
Operator : RC/JU  
Sample : Q3864-25  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B145(10-11.5)121025

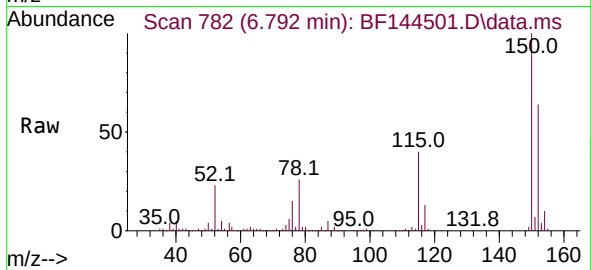
Quant Time: Dec 17 00:49:16 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 12 15:57:03 2025  
Response via : Initial Calibration



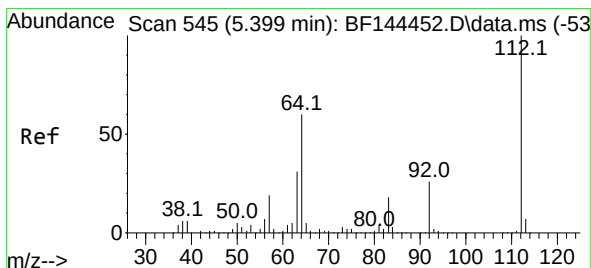
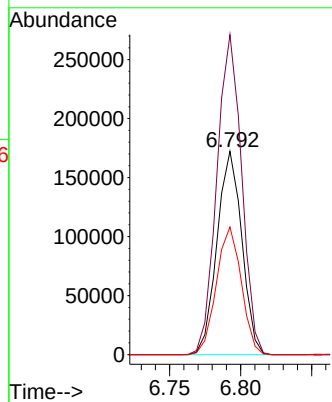
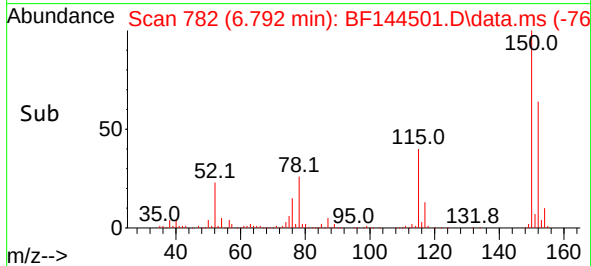


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.792 min Scan# 782  
Delta R.T. -0.001 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

Instrument :  
BNA\_F  
ClientSampleId :  
B145(10-11.5)121025

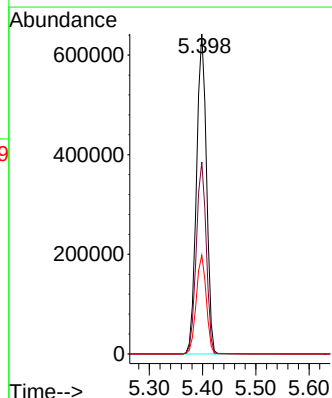
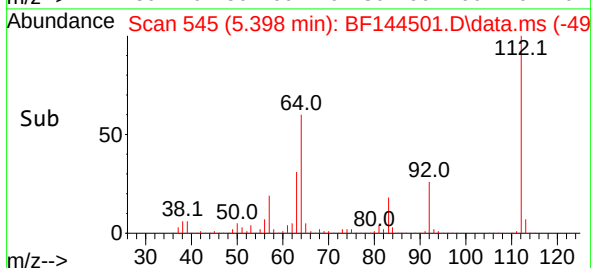
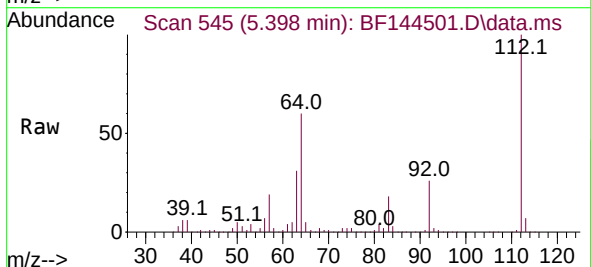


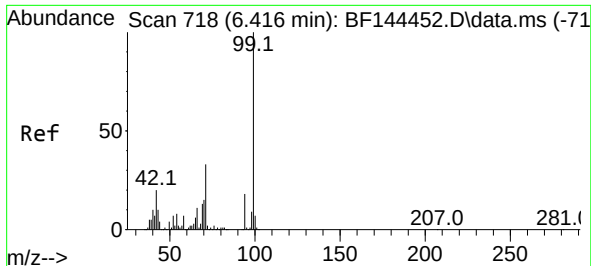
Tgt Ion:152 Resp: 209597  
Ion Ratio Lower Upper  
152 100  
150 157.4 127.4 191.2  
115 62.8 51.4 77.0



#5  
2-Fluorophenol  
Concen: 60.420 ng  
RT: 5.398 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

Tgt Ion:112 Resp: 839880  
Ion Ratio Lower Upper  
112 100  
64 60.0 47.8 71.6  
63 30.8 24.6 37.0

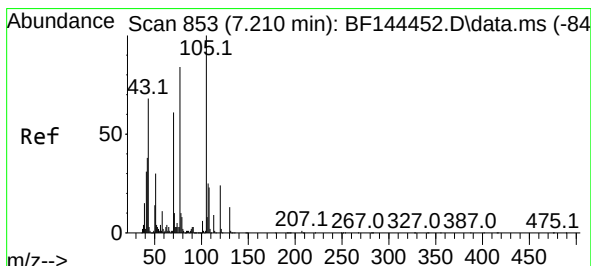
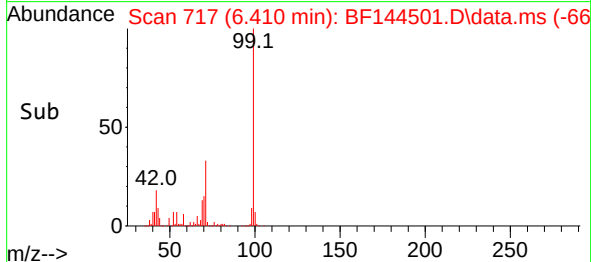
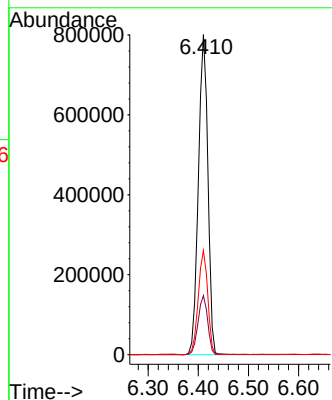
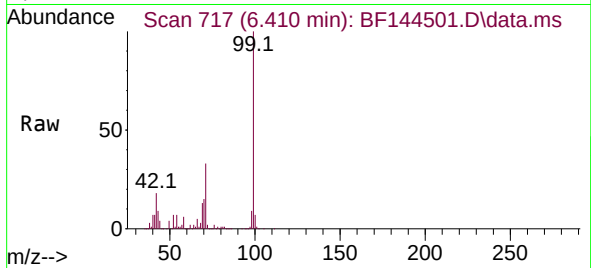




#7  
Phenol-d6  
Concen: 60.713 ng  
RT: 6.410 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

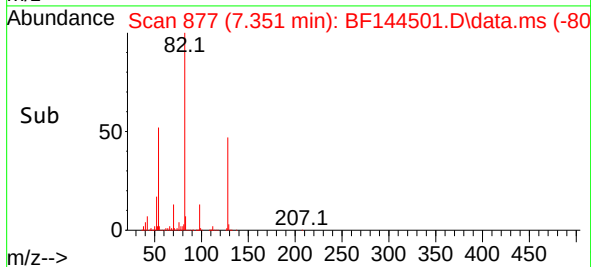
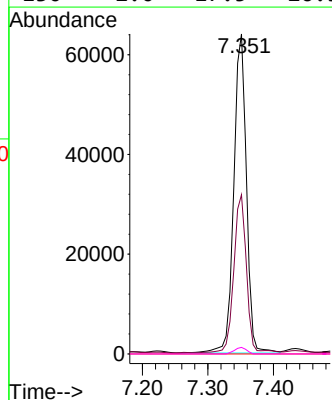
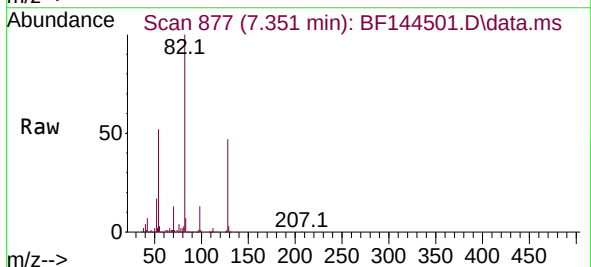
Instrument :  
BNA\_F  
ClientSampleId :  
B145(10-11.5)121025

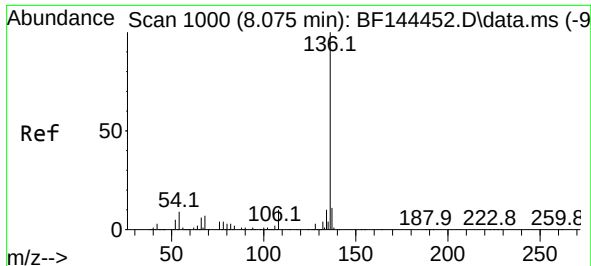
Tgt Ion: 99 Resp: 1052675  
Ion Ratio Lower Upper  
99 100  
42 18.4 15.7 23.5  
71 32.5 26.4 39.6



#19  
n-Nitroso-di-n-propylamine  
Concen: 7.840 ng  
RT: 7.351 min Scan# 877  
Delta R.T. 0.141 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

Tgt Ion: 70 Resp: 85865  
Ion Ratio Lower Upper  
70 100  
42 49.7 49.4 74.0  
101 0.0 7.8 11.6#  
130 2.0 17.5 26.3#

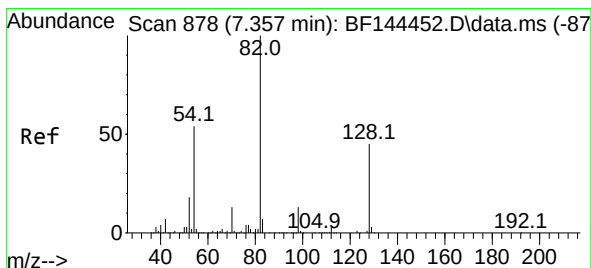
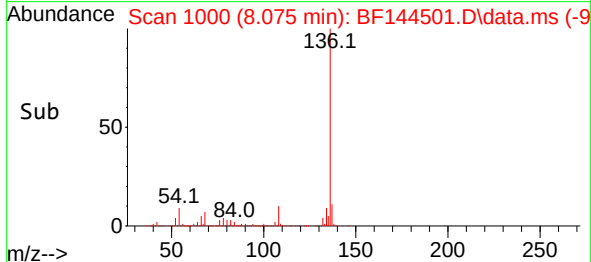
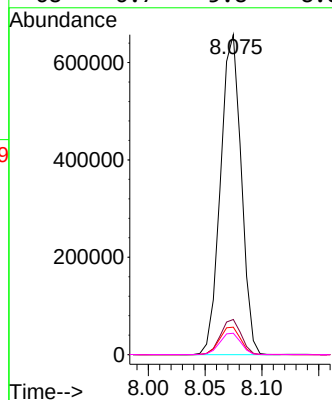
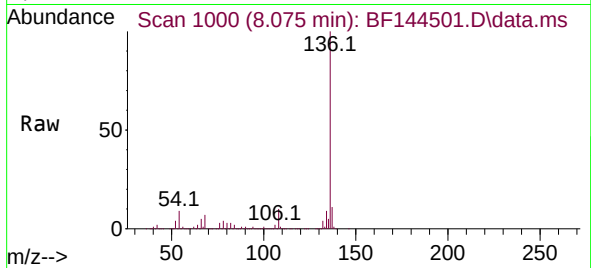




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

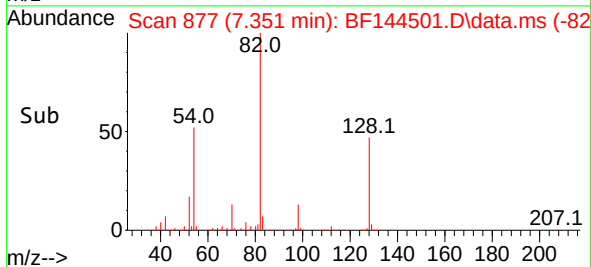
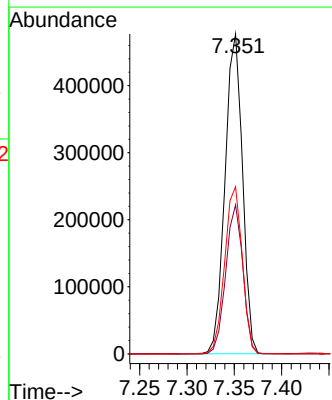
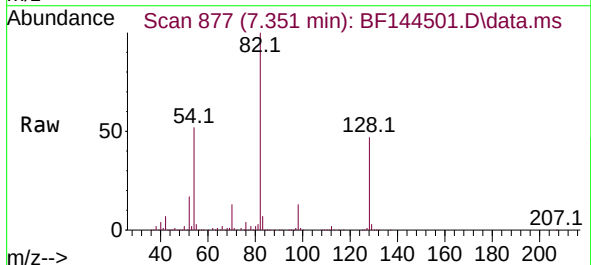
Instrument :  
BNA\_F  
ClientSampleId :  
B145(10-11.5)121025

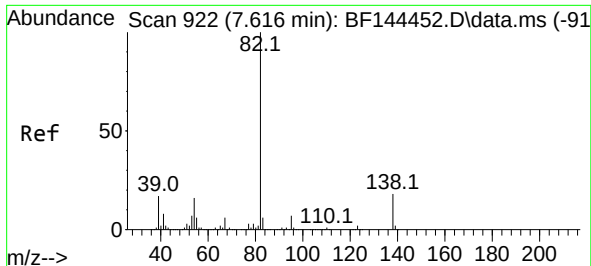
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 832741 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.0    | 8.8 13.2     |
| 54 8.6      | 7.5 11.3     |
| 68 6.7      | 5.8 8.8      |



#23  
Nitrobenzene-d5  
Concen: 45.832 ng  
RT: 7.351 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 609893 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 46.6    | 35.5 53.3    |
| 54 52.2     | 43.3 64.9    |

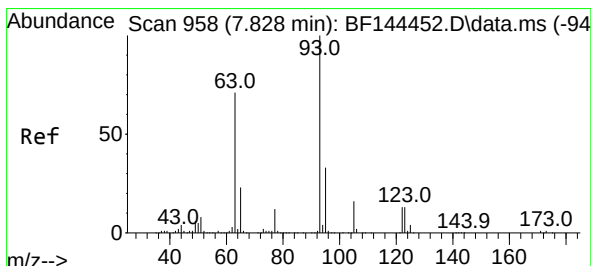
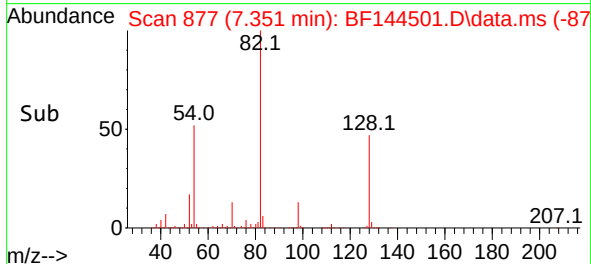
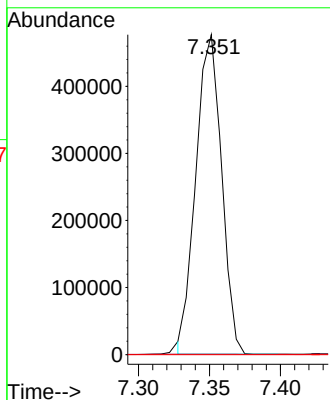
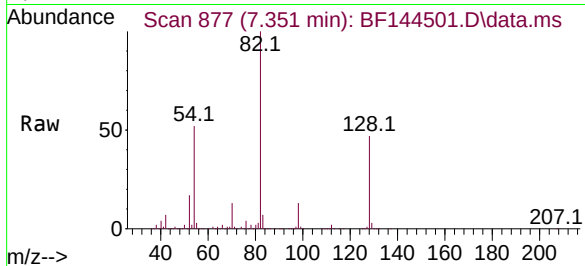




#25  
Isophorone  
Concen: 19.980 ng  
RT: 7.351 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

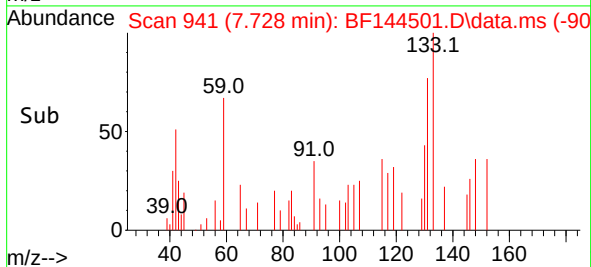
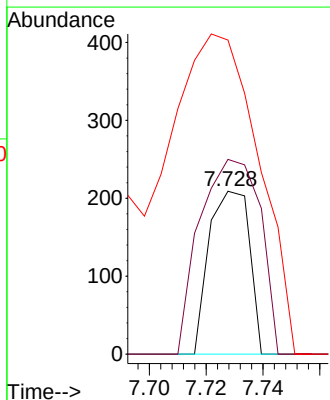
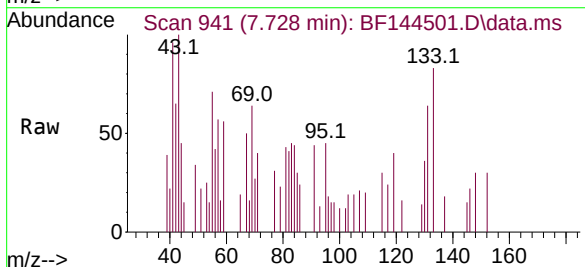
Instrument :  
BNA\_F  
ClientSampleId :  
B145(10-11.5)121025

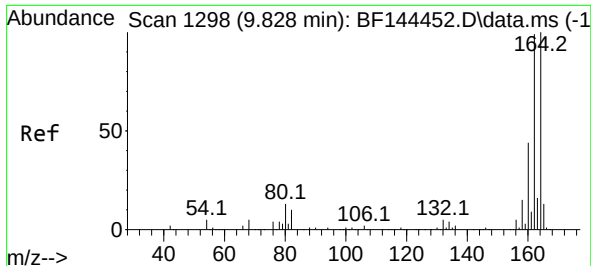
Tgt Ion: 82 Resp: 600052  
Ion Ratio Lower Upper  
82 100  
95 0.1 5.4 8.2#  
138 0.0 14.4 21.6#



#32  
Benzoic acid  
Concen: 6.486 ng  
RT: 7.728 min Scan# 941  
Delta R.T. -0.100 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

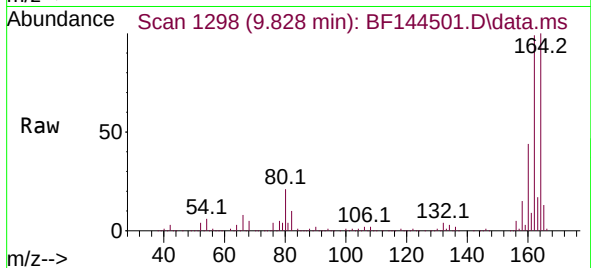
Tgt Ion:122 Resp: 206  
Ion Ratio Lower Upper  
122 100  
105 119.6 103.2 143.2  
77 192.8 75.1 115.1#



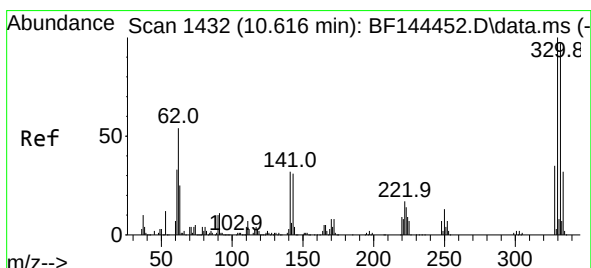
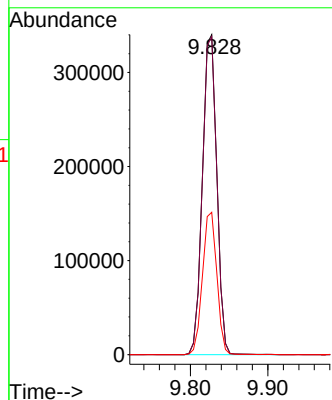
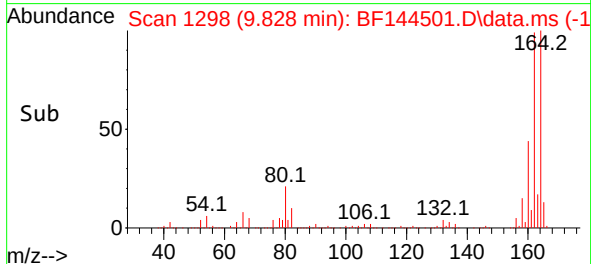


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.828 min Scan# 1298  
Delta R.T. -0.000 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

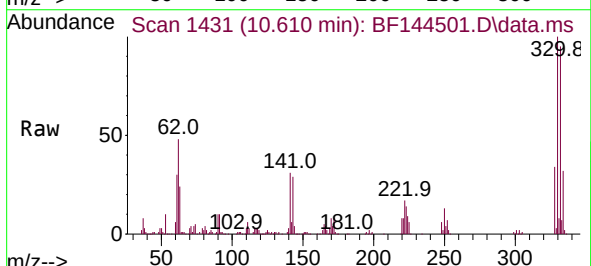
Instrument :  
BNA\_F  
ClientSampleId :  
B145(10-11.5)121025



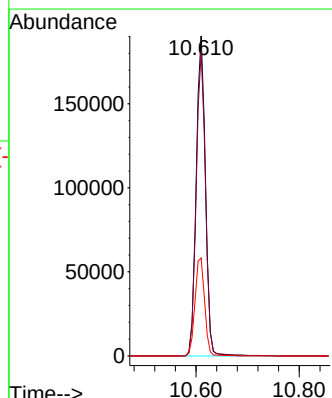
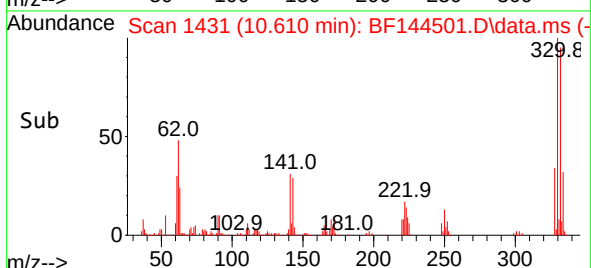
Tgt Ion:164 Resp: 438069  
Ion Ratio Lower Upper  
164 100  
162 99.4 79.2 118.8  
160 44.5 35.3 52.9

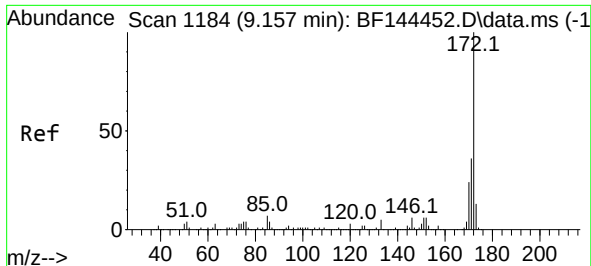


#42  
2,4,6-Tribromophenol  
Concen: 59.666 ng  
RT: 10.610 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16



Tgt Ion:330 Resp: 236310  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.5 116.3  
141 31.9 26.2 39.2

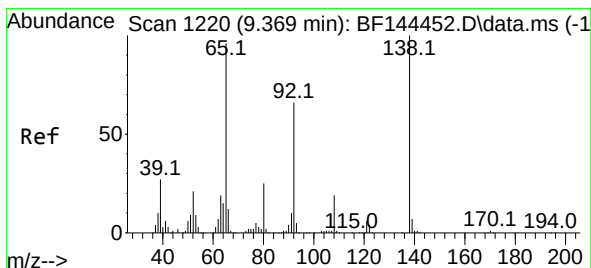
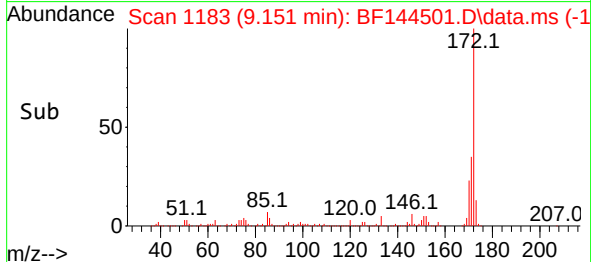
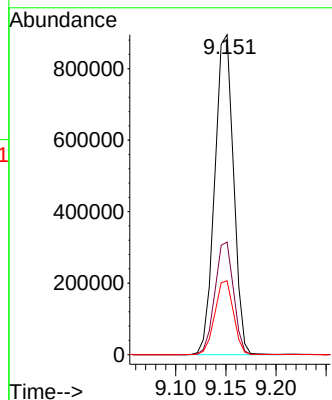
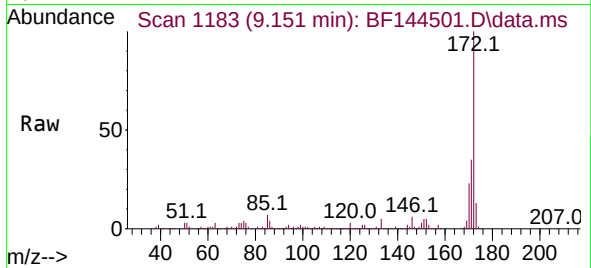




#45  
2-Fluorobiphenyl  
Concen: 40.930 ng  
RT: 9.151 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

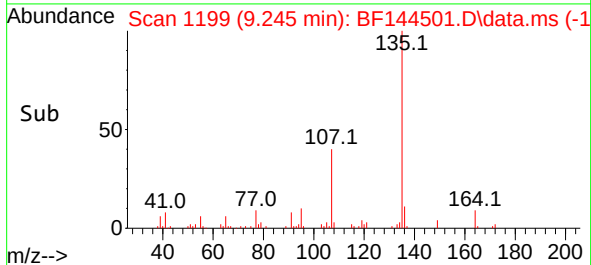
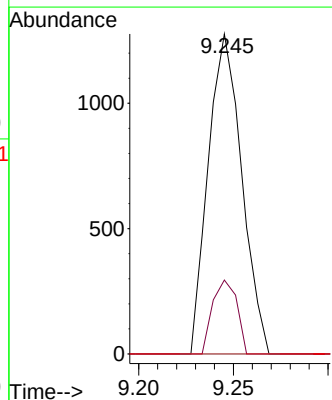
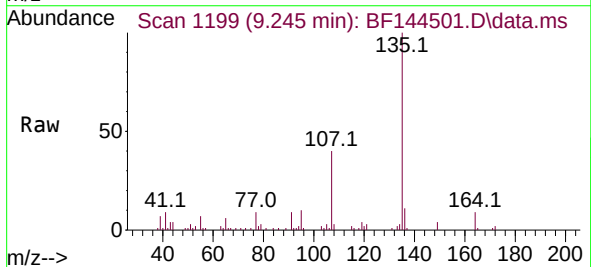
Instrument :  
BNA\_F  
ClientSampleId :  
B145(10-11.5)121025

Tgt Ion:172 Resp: 1168802  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.7 43.1  
170 23.1 19.3 28.9

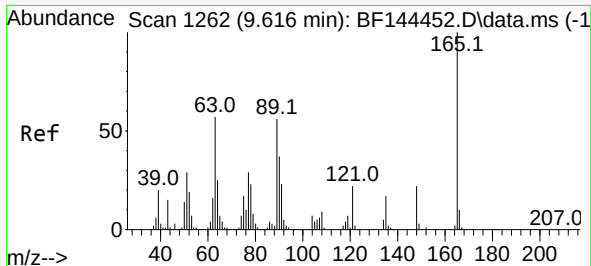


#48  
2-Nitroaniline  
Concen: 3.827 ng  
RT: 9.245 min Scan# 1199  
Delta R.T. -0.124 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

Tgt Ion: 65 Resp: 1574  
Ion Ratio Lower Upper  
65 100  
92 23.1 55.0 82.4#  
138 0.0 83.4 125.2#



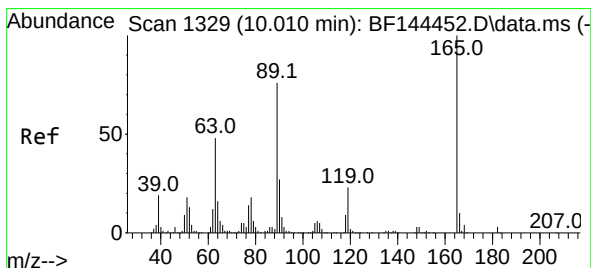
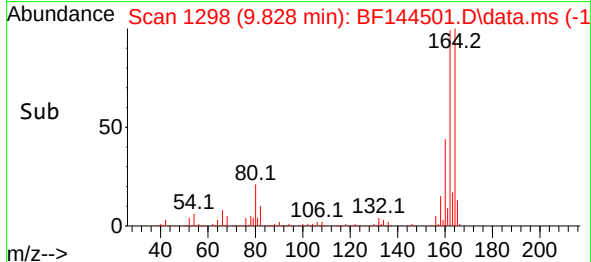
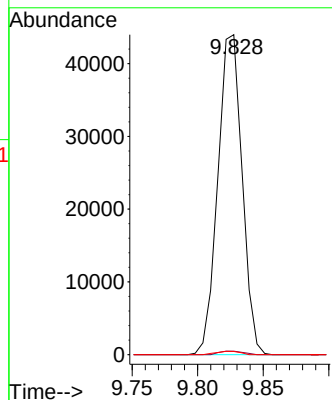
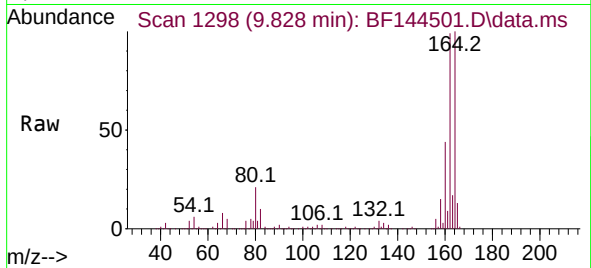




#51  
2,6-Dinitrotoluene  
Concen: 13.519 ng  
RT: 9.828 min Scan# 1298  
Delta R.T. 0.212 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

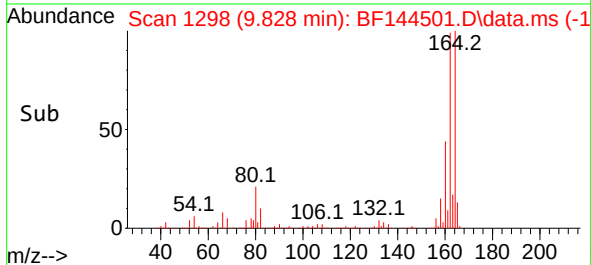
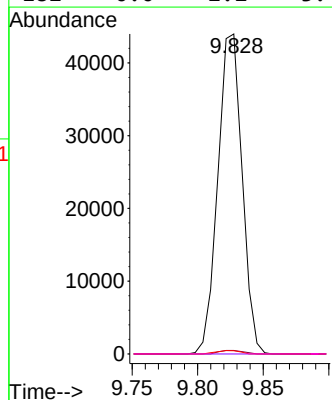
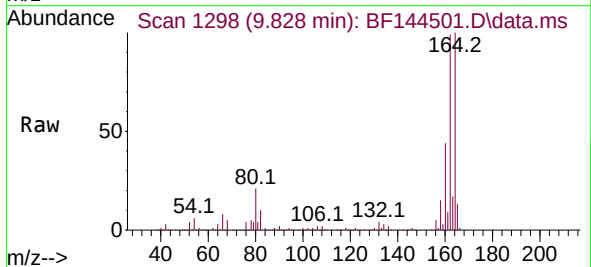
Instrument :  
BNA\_F  
ClientSampleId :  
B145(10-11.5)121025

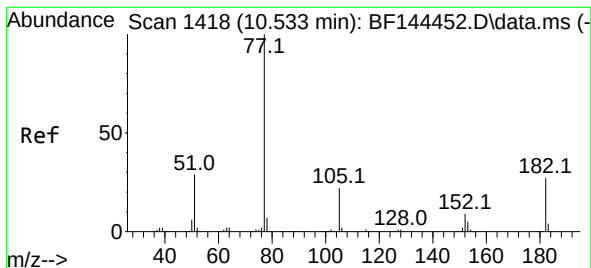
Tgt Ion:165 Resp: 56734  
Ion Ratio Lower Upper  
165 100  
63 1.1 45.9 68.9#  
89 1.0 44.6 67.0#



#57  
2,4-Dinitrotoluene  
Concen: 10.927 ng  
RT: 9.828 min Scan# 1298  
Delta R.T. -0.182 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

Tgt Ion:165 Resp: 56734  
Ion Ratio Lower Upper  
165 100  
63 1.1 38.2 57.4#  
89 1.0 61.2 91.8#  
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 3.399 ng

RT: 10.539 min Scan# 1418

Delta R.T. 0.006 min

Lab File: BF144501.D

Acq: 16 Dec 2025 18:16

Instrument :

BNA\_F

ClientSampleId :

B145(10-11.5)121025

Tgt Ion: 77 Resp: 100746

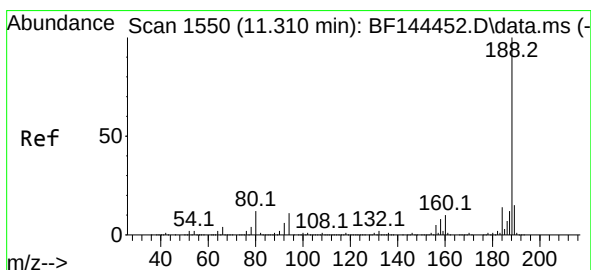
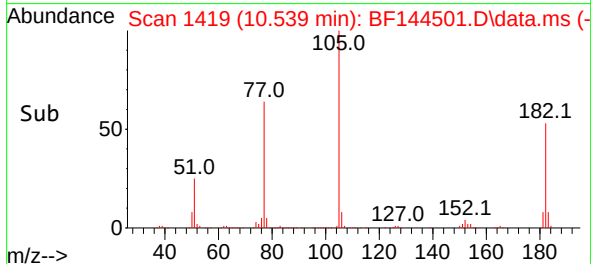
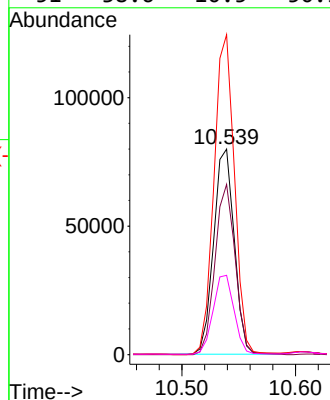
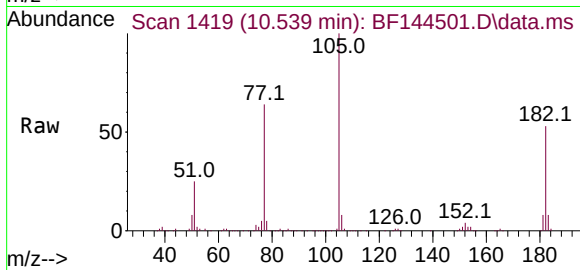
Ion Ratio Lower Upper

77 100

182 82.8 6.1 46.1#

105 155.7 1.5 41.5#

51 38.6 10.5 50.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF144501.D

Acq: 16 Dec 2025 18:16

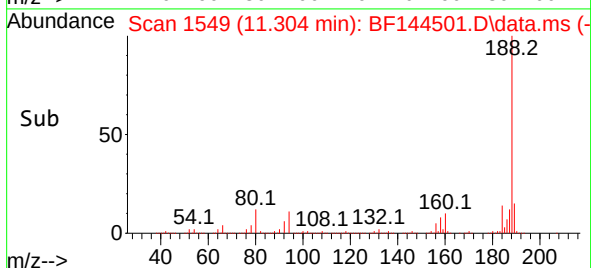
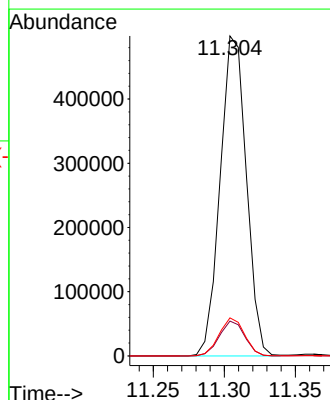
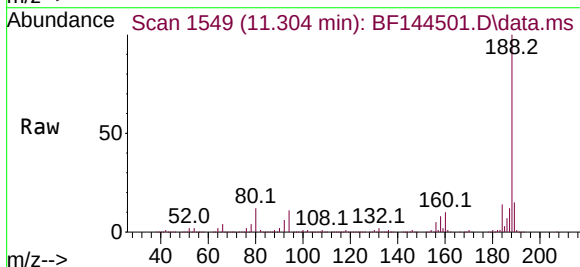
Tgt Ion: 188 Resp: 640328

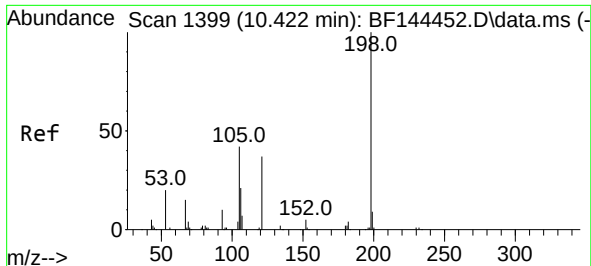
Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

80 11.9 9.8 14.8

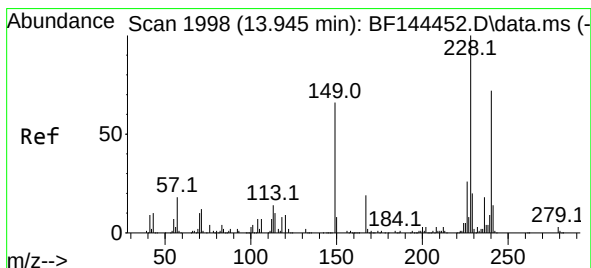
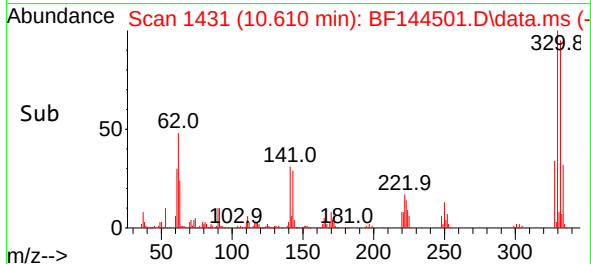
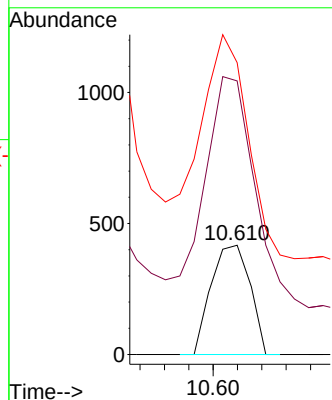
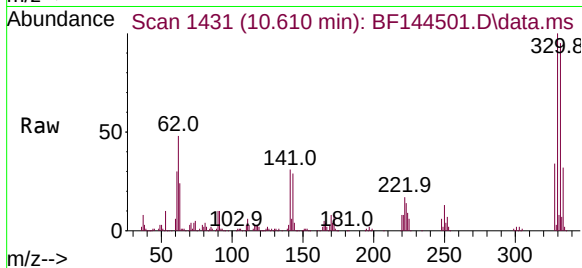




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.954 ng  
RT: 10.610 min Scan# 14  
Delta R.T. 0.188 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

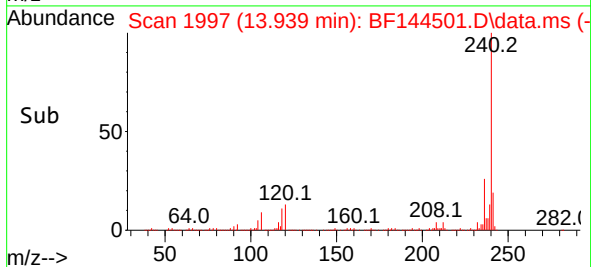
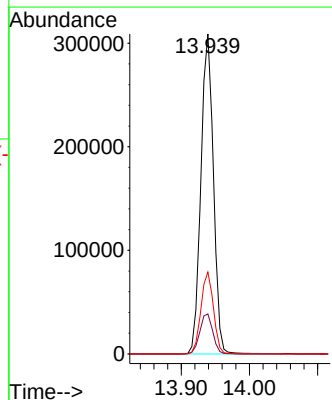
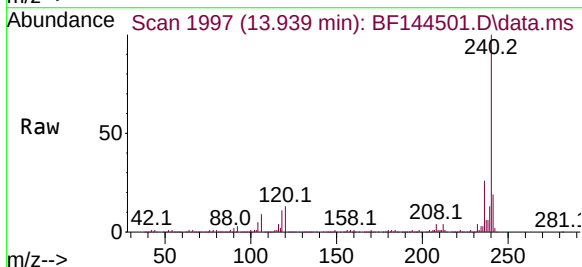
Instrument :  
BNA\_F  
ClientSampleId :  
B145(10-11.5)121025

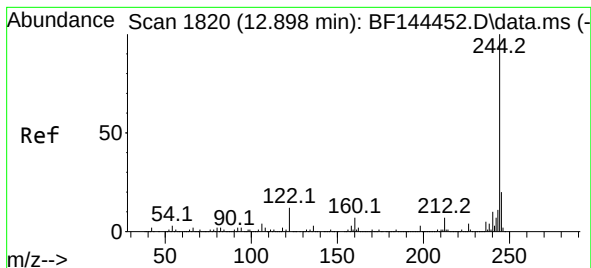
Tgt Ion:198 Resp: 463  
Ion Ratio Lower Upper  
198 100  
51 250.4 25.5 65.5#  
105 267.1 23.4 63.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 1997  
Delta R.T. -0.006 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

Tgt Ion:240 Resp: 395071  
Ion Ratio Lower Upper  
240 100  
120 12.5 10.3 15.5  
236 25.6 20.2 30.4





#79

Terphenyl-d14

Concen: 34.853 ng

RT: 12.892 min Scan# 1820

Delta R.T. -0.006 min

Lab File: BF144501.D

Acq: 16 Dec 2025 18:16

Instrument :

BNA\_F

ClientSampleId :

B145(10-11.5)121025

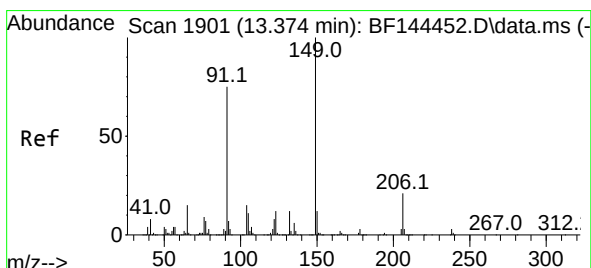
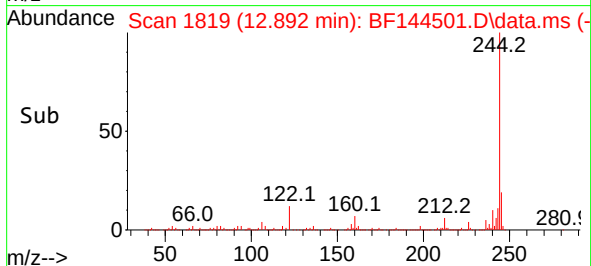
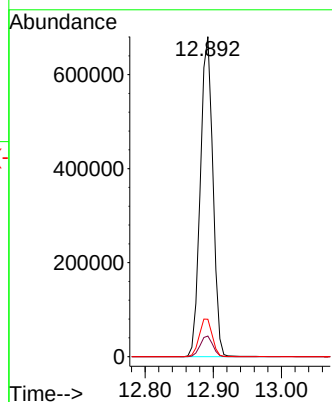
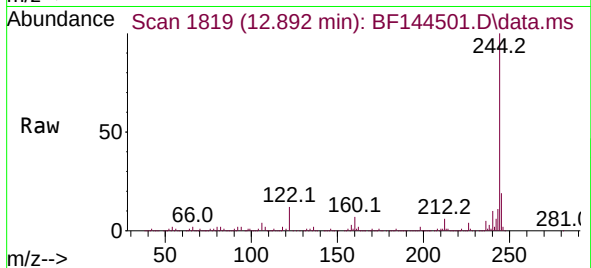
Tgt Ion:244 Resp: 872141

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

122 11.7 9.9 14.9



#80

Butylbenzylphthalate

Concen: 3.285 ng

RT: 13.368 min Scan# 1900

Delta R.T. -0.006 min

Lab File: BF144501.D

Acq: 16 Dec 2025 18:16

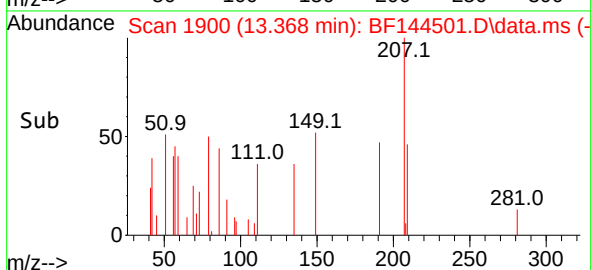
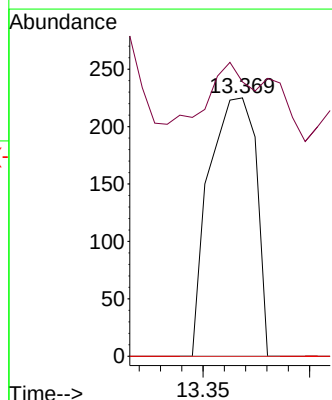
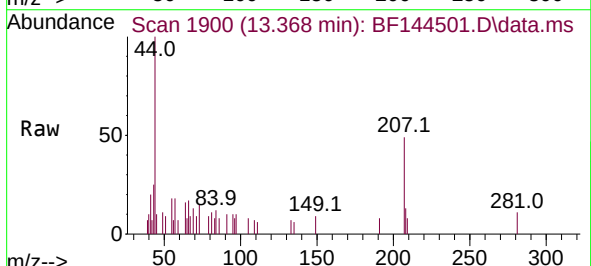
Tgt Ion:149 Resp: 345

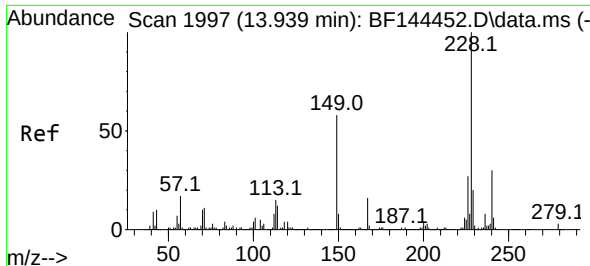
Ion Ratio Lower Upper

149 100

91 106.2 59.8 89.8#

206 0.0 17.0 25.6#

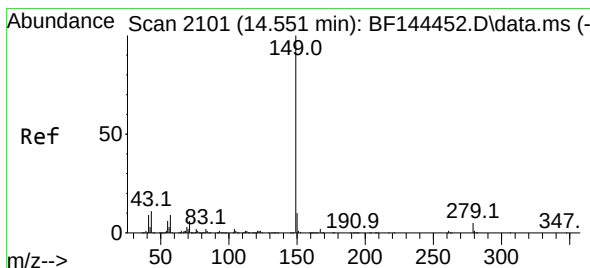
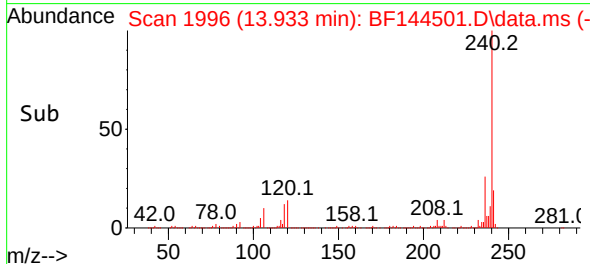
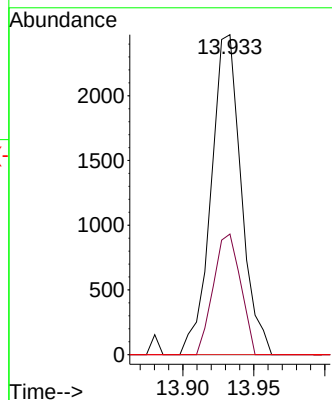
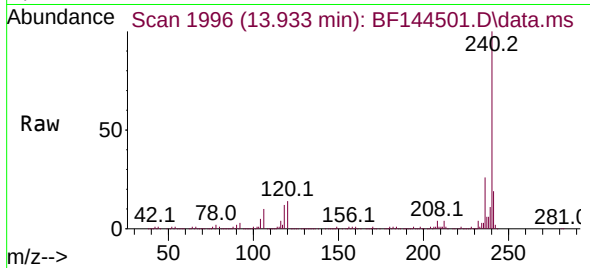




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.152 ng  
RT: 13.933 min Scan# 1997  
Delta R.T. -0.006 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

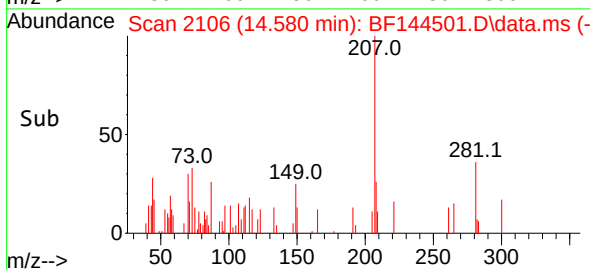
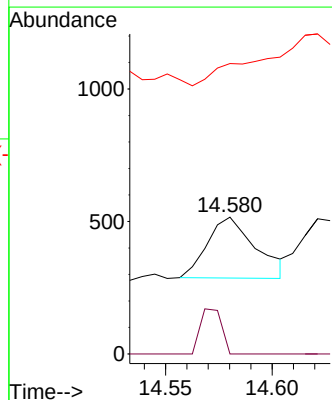
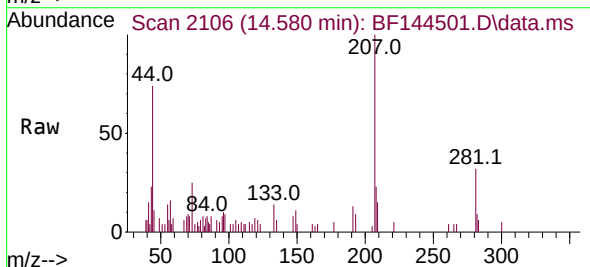
Instrument :  
BNA\_F  
ClientSampleId :  
B145(10-11.5)121025

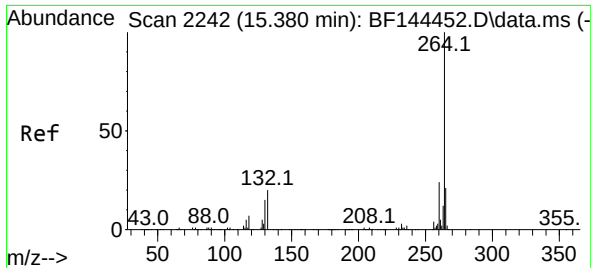
Tgt Ion:149 Resp: 3649  
Ion Ratio Lower Upper  
149 100  
167 37.7 22.6 34.0#  
279 0.0 3.7 5.5#



#85  
Di-n-octyl phthalate  
Concen: 6.517 ng  
RT: 14.580 min Scan# 2106  
Delta R.T. 0.029 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

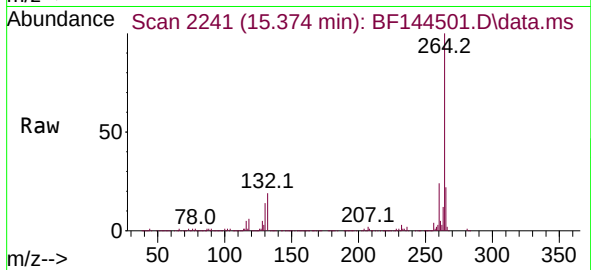
Tgt Ion:149 Resp: 361  
Ion Ratio Lower Upper  
149 100  
167 32.7 1.3 1.9#  
43 0.0 9.2 13.8#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.374 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF144501.D  
Acq: 16 Dec 2025 18:16

Instrument :  
BNA\_F  
ClientSampleId :  
B145(10-11.5)121025



Tgt Ion:264 Resp: 440554  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.0 28.6  
265 21.6 17.1 25.7

