

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061423\  
 Data File : BF133754.D  
 Acq On : 14 Jun 2023 16:40  
 Operator : CG\JU  
 Sample : 03096-05RE  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-25-0A

Quant Time: Jun 14 17:02:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 14 16:27:59 2023  
 Response via : Initial Calibration

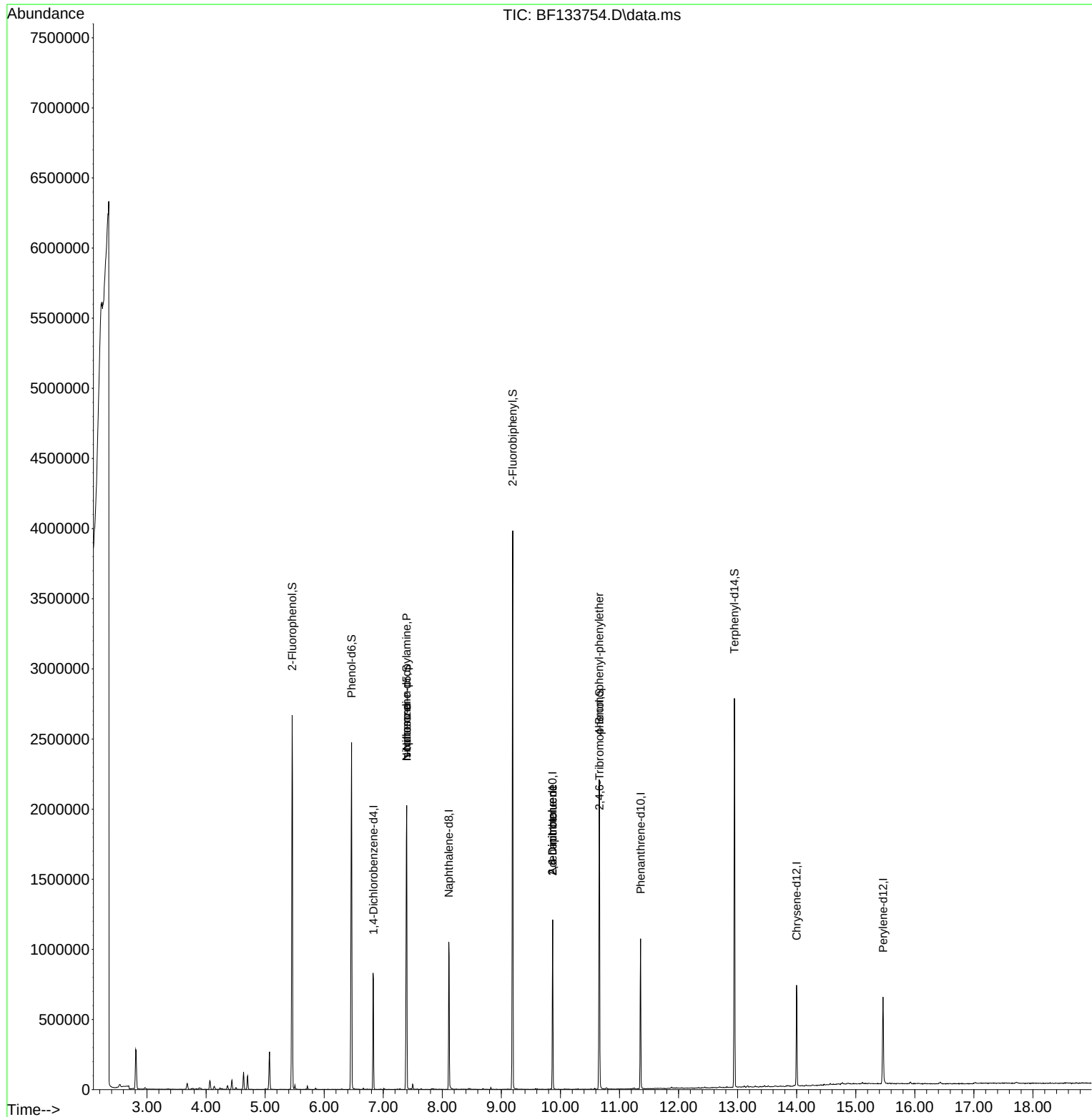
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 119739   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 453160   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.869  | 164  | 211335   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 363071   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.998 | 240  | 237310   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.462 | 264  | 271207   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 722670   | 105.070 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.463  | 99   | 792854   | 88.559  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 640363   | 76.967  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 253044   | 94.591  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 1131624  | 76.117  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.945 | 244  | 982735   | 64.078  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.398  | 70   | 91332    | 16.034  | ng    | # 77     |
| 25) Isophorone                | 7.398  | 82   | 640350   | 41.923  | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.869  | 165  | 26797    | 8.230   | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.869  | 165  | 26797    | 6.471   | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.657 | 248  | 15760    | 3.889   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

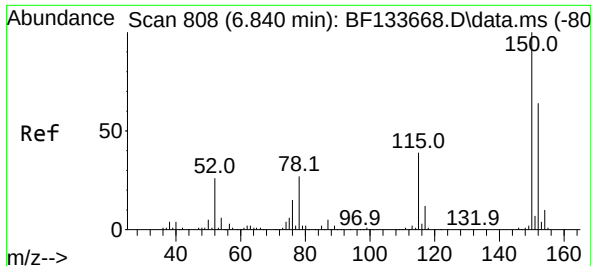
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061423\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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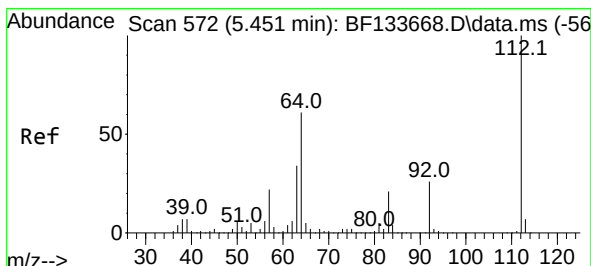
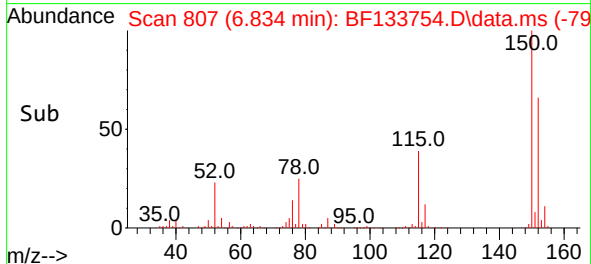
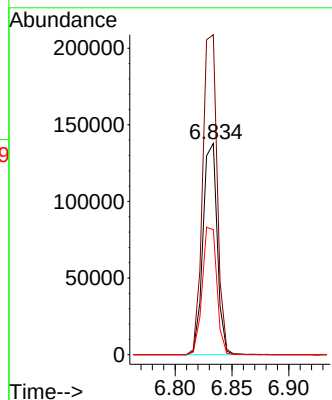
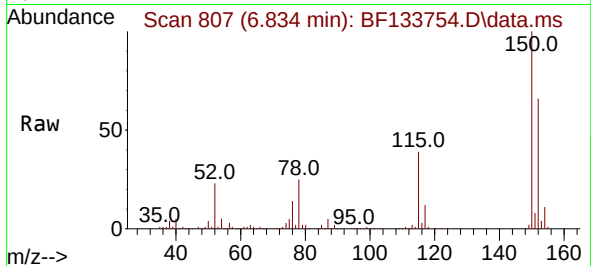




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

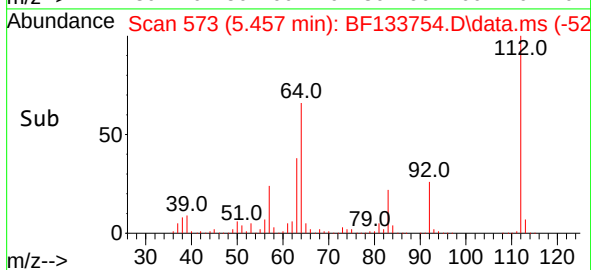
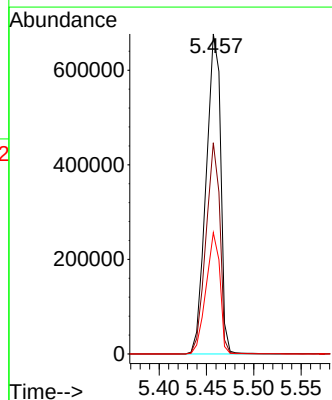
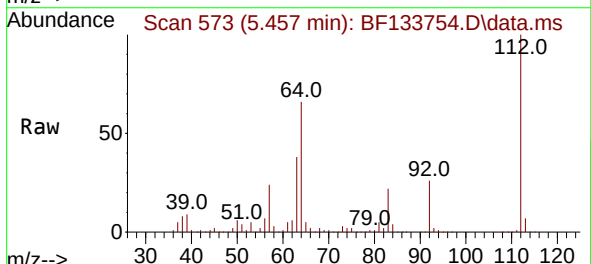
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BNA\_F  
ClientSampleId :  
TP-25-0A

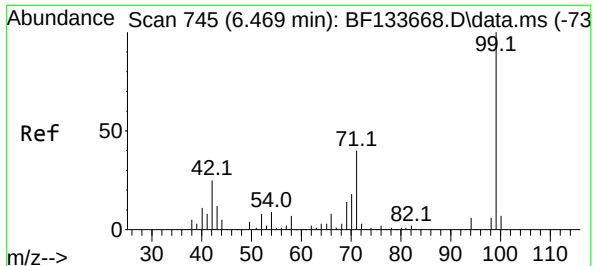
Tgt Ion:152 Resp: 119739  
Ion Ratio Lower Upper  
152 100  
150 151.5 124.3 186.5  
115 59.1 48.5 72.7



#5  
2-Fluorophenol  
Concen: 105.070 ng  
RT: 5.457 min Scan# 573  
Delta R.T. 0.012 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

Tgt Ion:112 Resp: 722670  
Ion Ratio Lower Upper  
112 100  
64 66.0 49.0 73.4  
63 37.9 26.8 40.2

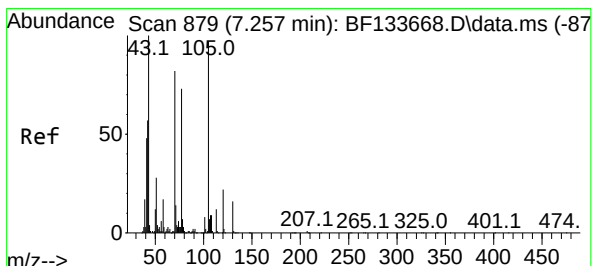
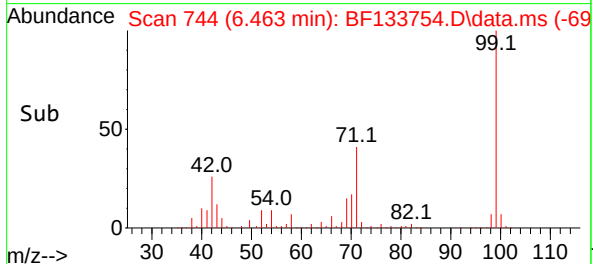
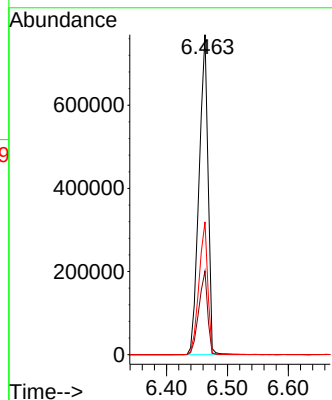
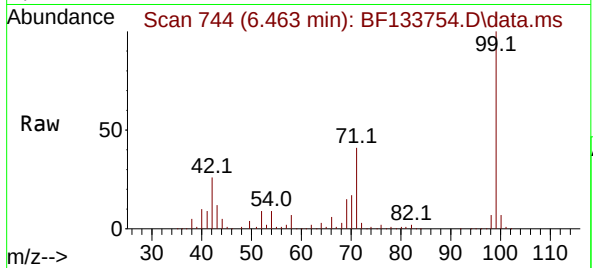




#7  
Phenol-d6  
Concen: 88.559 ng  
RT: 6.463 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

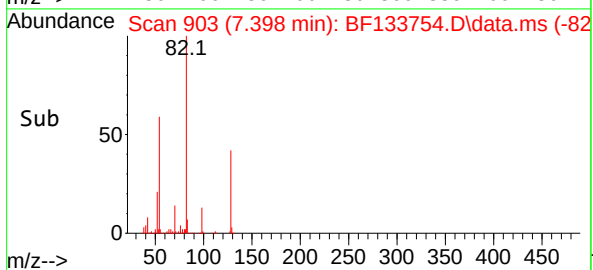
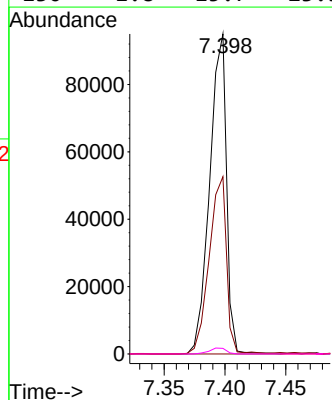
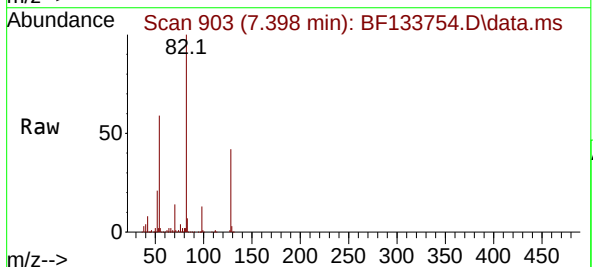
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25-0A

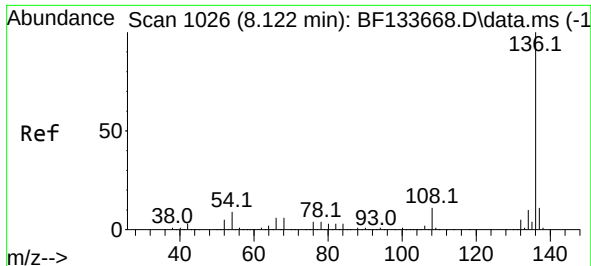
Tgt Ion: 99 Resp: 792854  
Ion Ratio Lower Upper  
99 100  
42 26.1 19.9 29.9  
71 41.5 32.2 48.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.034 ng  
RT: 7.398 min Scan# 903  
Delta R.T. 0.147 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

Tgt Ion: 70 Resp: 91332  
Ion Ratio Lower Upper  
70 100  
42 55.4 55.8 83.8#  
101 0.0 8.1 12.1#  
130 1.8 15.7 23.5#

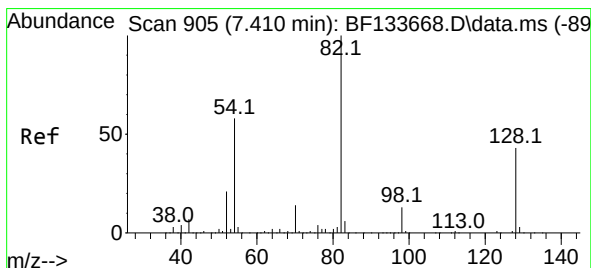
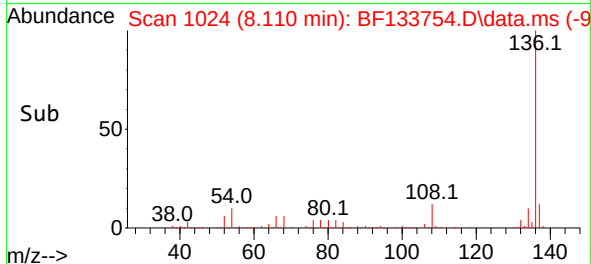
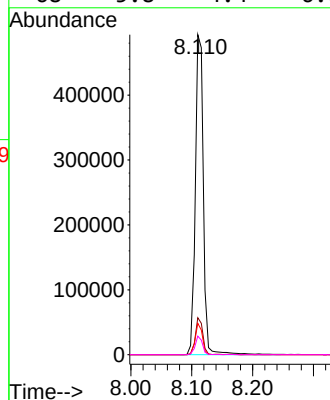
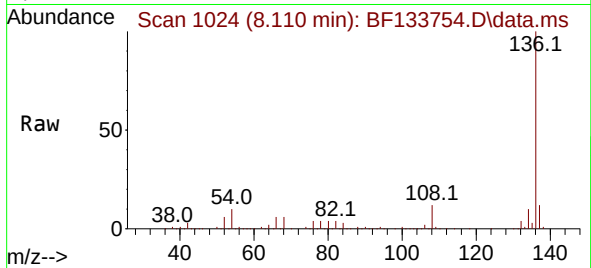




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

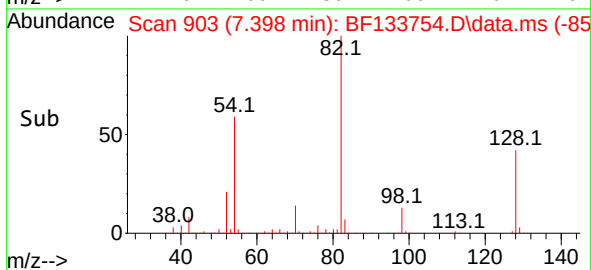
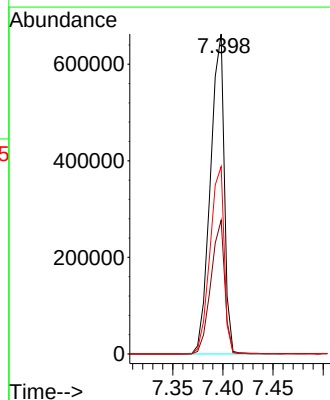
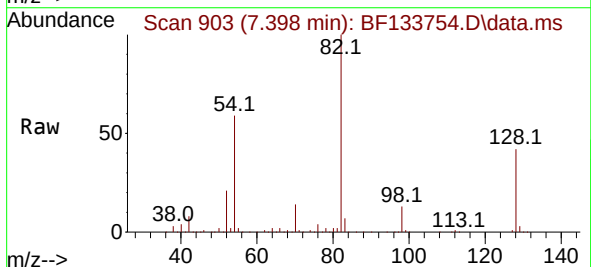
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25-0A

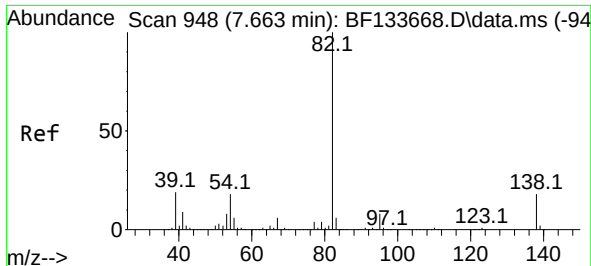
Tgt Ion:136 Resp: 453160  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.8 13.2  
54 9.8 7.4 11.0  
68 5.8 4.4 6.6



#23  
Nitrobenzene-d5  
Concen: 76.967 ng  
RT: 7.398 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

Tgt Ion: 82 Resp: 640363  
Ion Ratio Lower Upper  
82 100  
128 41.8 34.2 51.2  
54 58.6 46.5 69.7

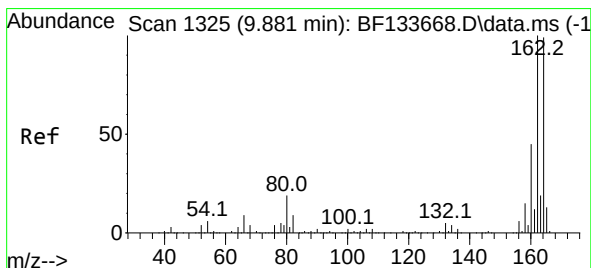
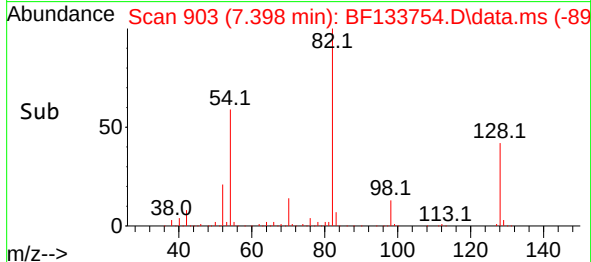
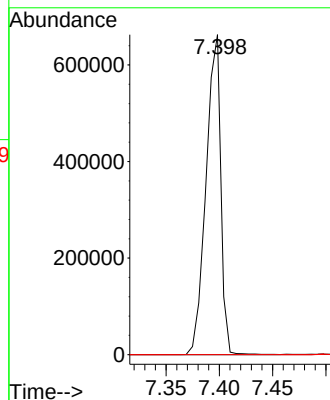
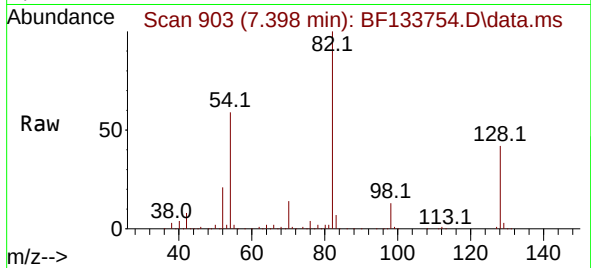




#25  
Isophorone  
Concen: 41.923 ng  
RT: 7.398 min Scan# 90  
Delta R.T. -0.259 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

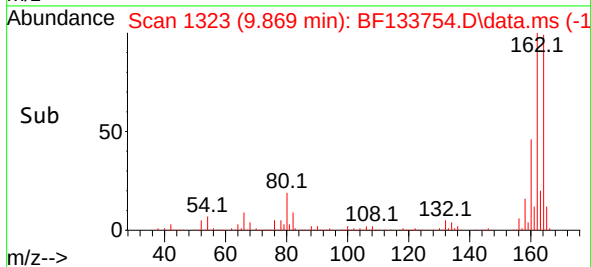
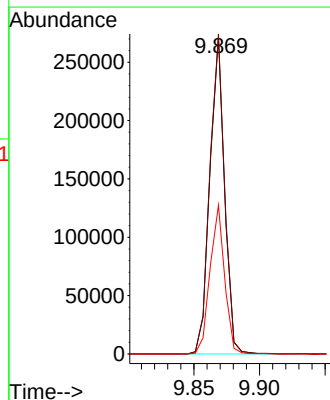
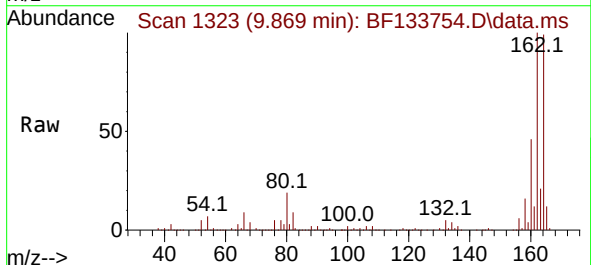
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25-0A

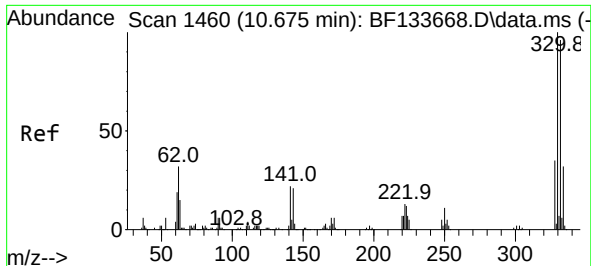
Tgt Ion: 82 Resp: 640350  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

Tgt Ion: 164 Resp: 211335  
Ion Ratio Lower Upper  
164 100  
162 101.0 80.8 121.2  
160 47.0 36.7 55.1

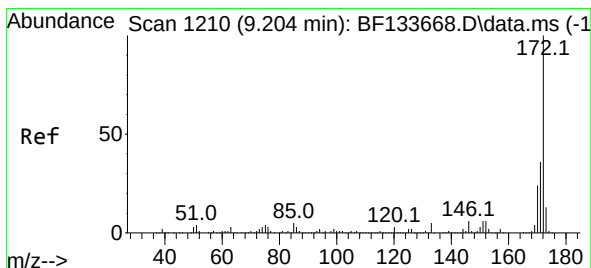
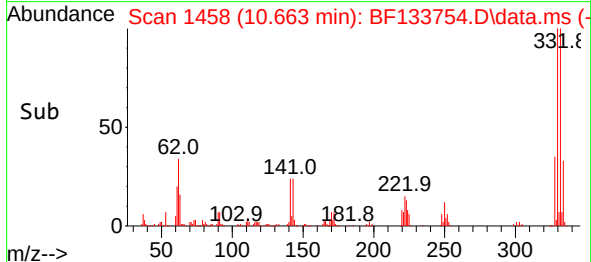
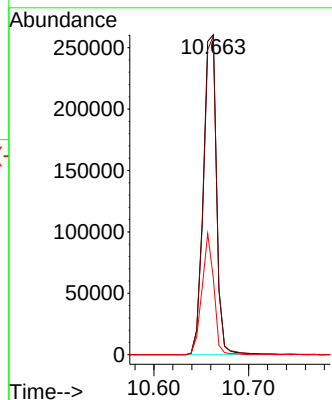
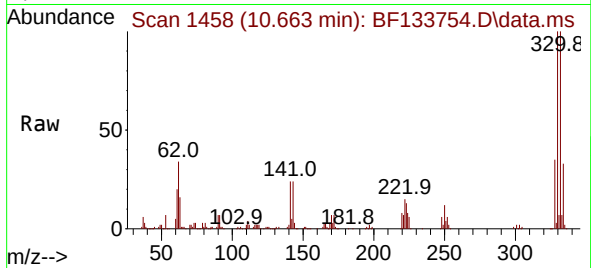




#42  
2,4,6-Tribromophenol  
Concen: 94.591 ng  
RT: 10.663 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

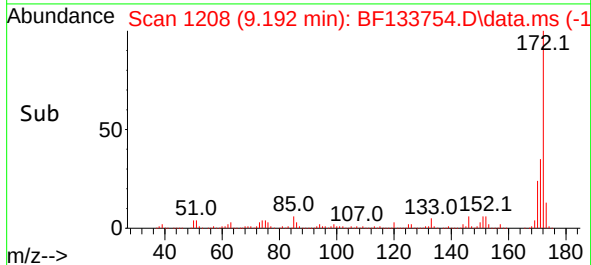
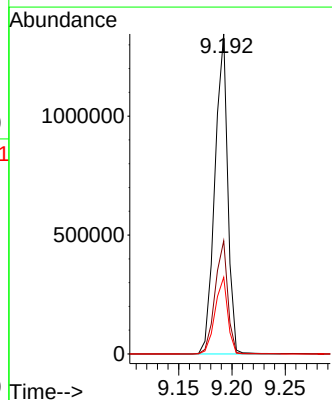
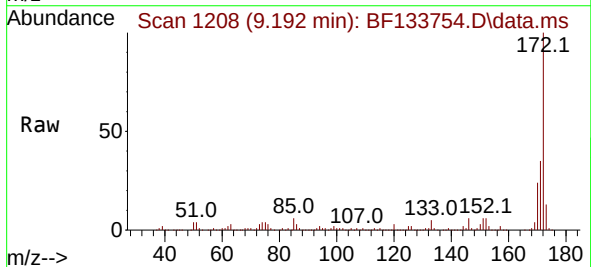
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ClientSampleId :  
TP-25-0A

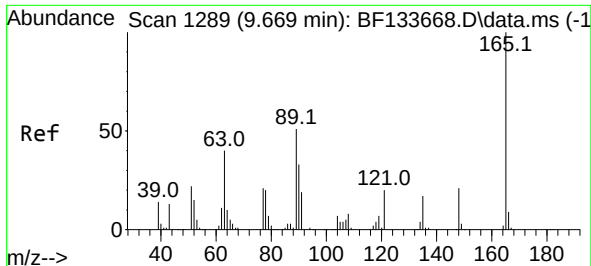
Tgt Ion:330 Resp: 253044  
Ion Ratio Lower Upper  
330 100  
332 98.5 77.2 115.8  
141 34.0 24.9 37.3



#45  
2-Fluorobiphenyl  
Concen: 76.117 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. -0.000 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

Tgt Ion:172 Resp: 1131624  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.6 43.0  
170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.230 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF133754.D

Acq: 14 Jun 2023 16:40

Instrument :

BNA\_F

ClientSampleId :

TP-25-0A

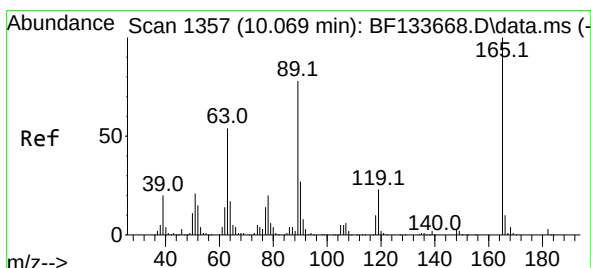
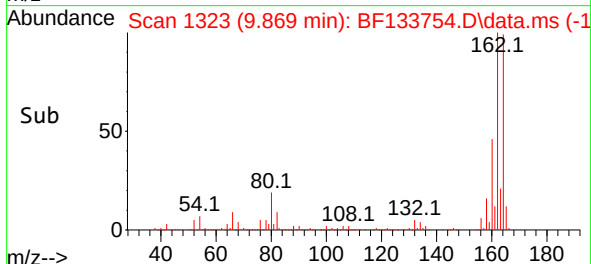
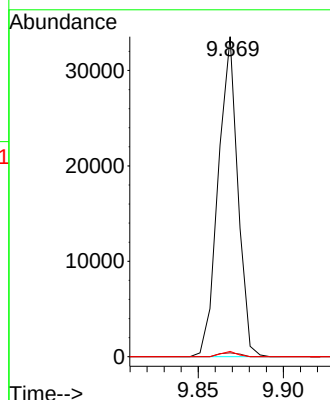
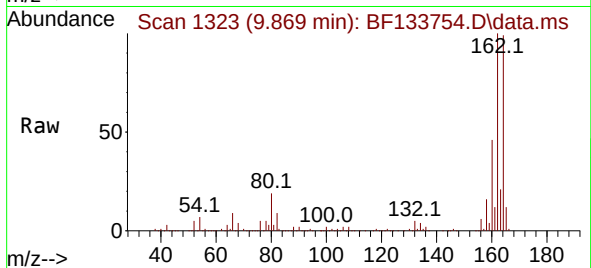
Tgt Ion:165 Resp: 26797

Ion Ratio Lower Upper

165 100

63 1.2 42.1 63.1#

89 1.6 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.471 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.194 min

Lab File: BF133754.D

Acq: 14 Jun 2023 16:40

Tgt Ion:165 Resp: 26797

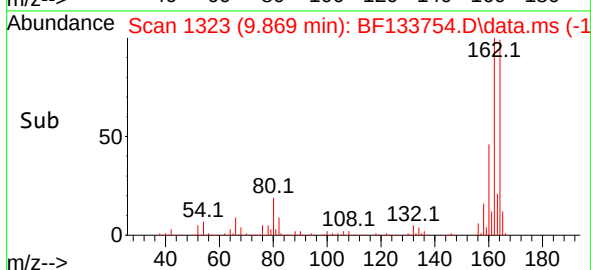
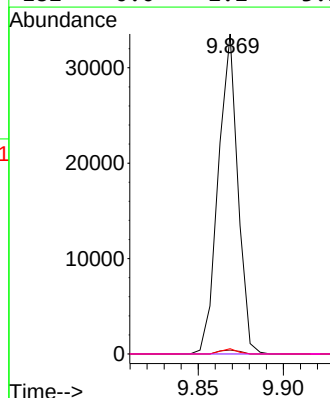
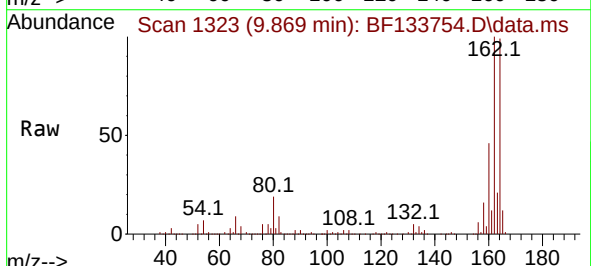
Ion Ratio Lower Upper

165 100

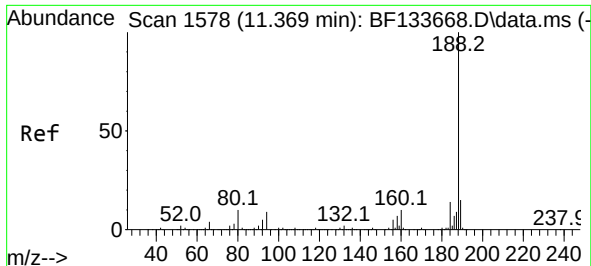
63 1.2 43.0 64.6#

89 1.6 62.6 93.8#

182 0.0 2.2 3.2#



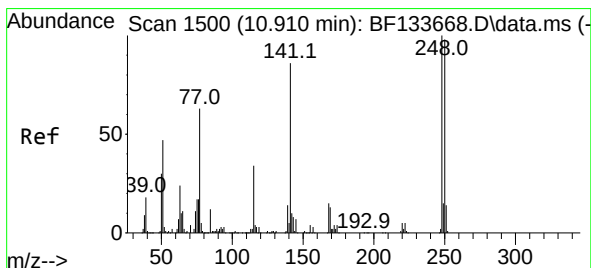
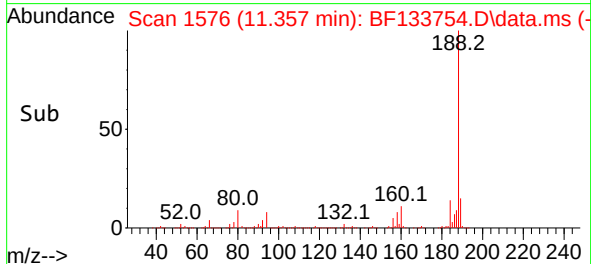
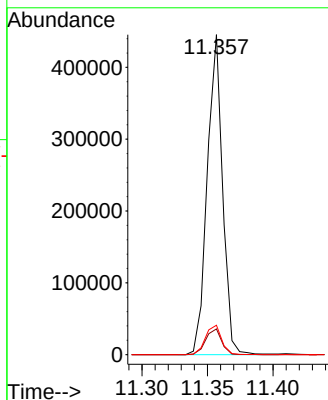
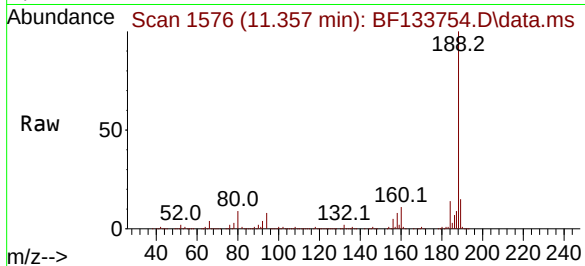




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

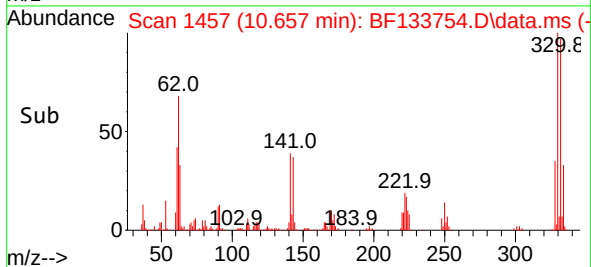
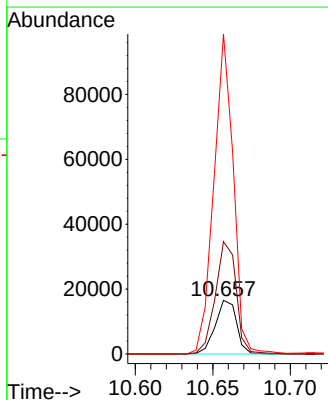
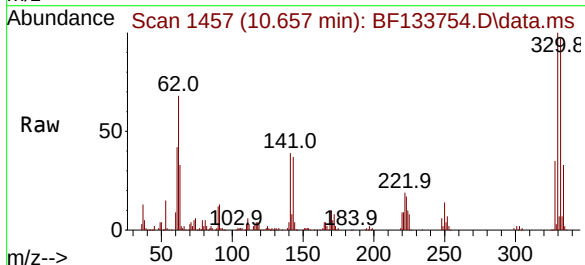
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25-0A

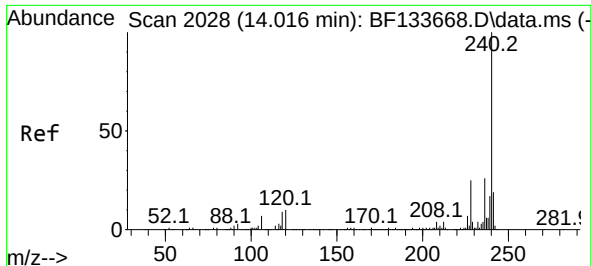
Tgt Ion:188 Resp: 363071  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.8 10.2  
80 9.2 7.8 11.6



#67  
4-Bromophenyl-phenylether  
Concen: 3.889 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. -0.247 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

Tgt Ion:248 Resp: 15760  
Ion Ratio Lower Upper  
248 100  
250 209.7 78.3 117.5#  
141 597.5 69.0 103.6#

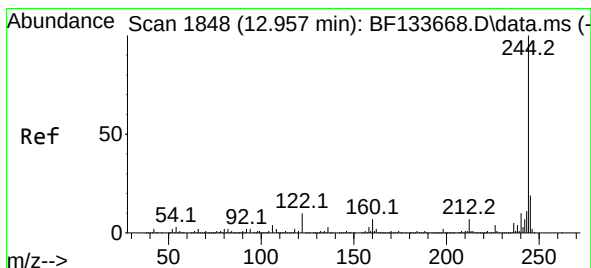
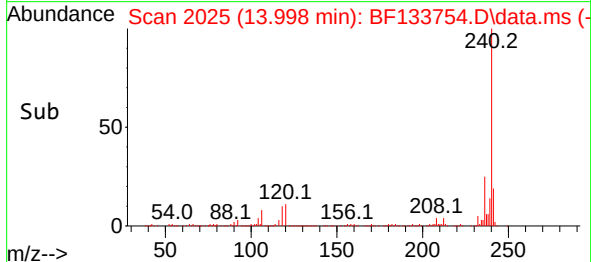
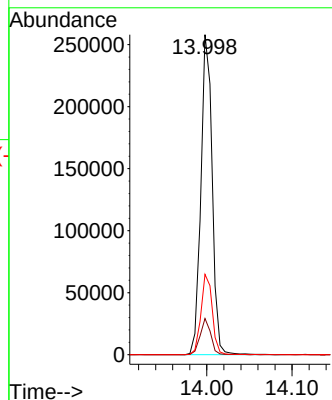
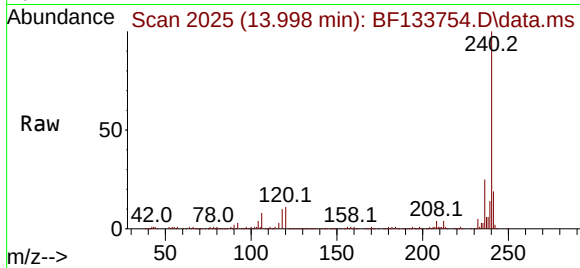




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

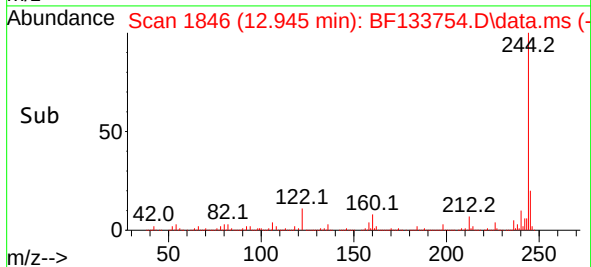
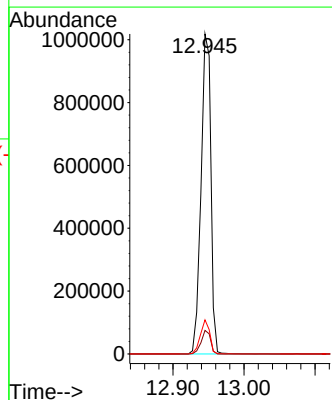
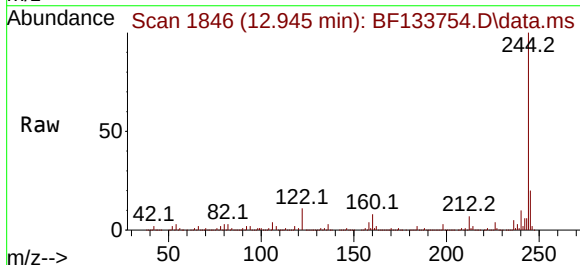
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25-0A

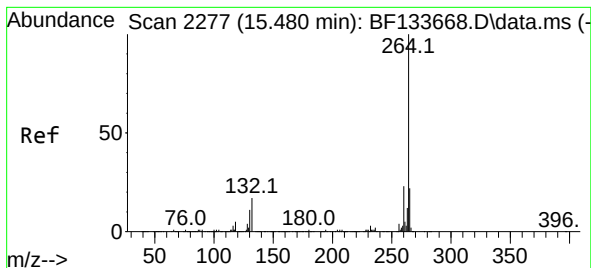
Tgt Ion:240 Resp: 237310  
Ion Ratio Lower Upper  
240 100  
120 11.3 8.1 12.1  
236 25.1 20.5 30.7



#79  
Terphenyl-d14  
Concen: 64.078 ng  
RT: 12.945 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

Tgt Ion:244 Resp: 982735  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.4 8.2  
122 10.7 8.1 12.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133754.D

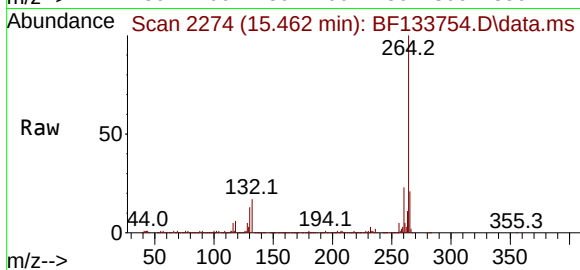
Acq: 14 Jun 2023 16:40

Instrument :

BNA\_F

ClientSampleId :

TP-25-0A



Tgt Ion:264 Resp: 271207

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 21.1 17.8 26.6

