

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061423\  
 Data File : BF133763.D  
 Acq On : 14 Jun 2023 21:29  
 Operator : CG\JU  
 Sample : 03140-03  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3-GA

Quant Time: Jun 15 01:31:17 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

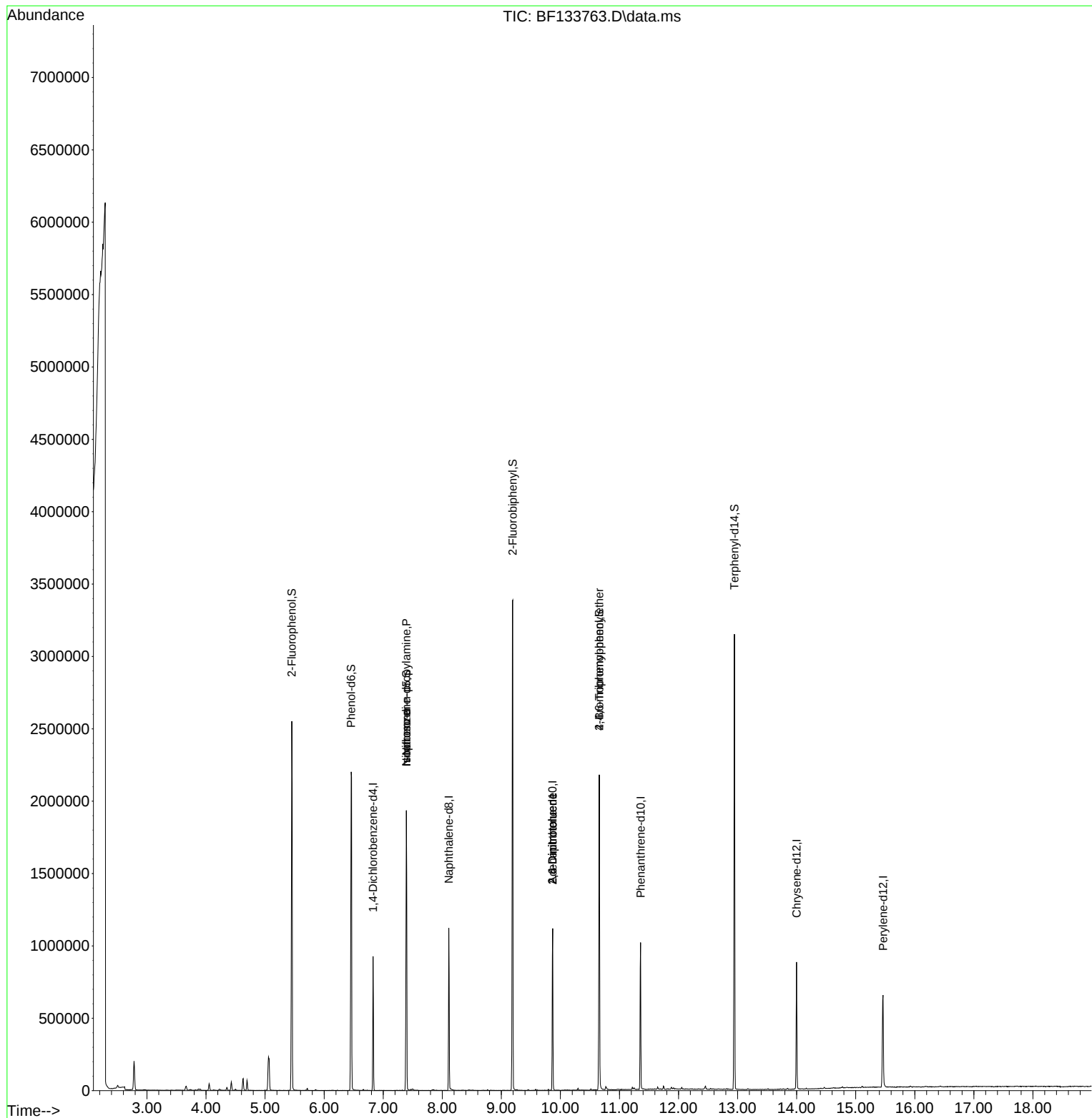
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 119501   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 456017   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.869  | 164  | 213170   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 360880   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.998 | 240  | 271299   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 15.463 | 264  | 302861   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.452  | 112  | 685304   | 99.836 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 765329   | 85.655 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.393  | 82   | 608742   | 72.708 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 249218   | 92.359 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 1076568  | 71.791 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.945 | 244  | 1034523  | 59.004 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.393  | 70   | 85859    | 15.103 | ng    | # 76     |
| 25) Isophorone                | 7.393  | 82   | 608736   | 39.604 | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.869  | 165  | 27452    | 8.359  | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.869  | 165  | 27452    | 6.572  | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.657 | 248  | 15522    | 3.854  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

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

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Sample : 03140-03  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-GA

Quant Time: Jun 15 01:31:17 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

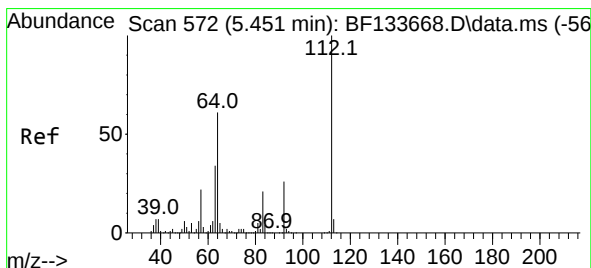
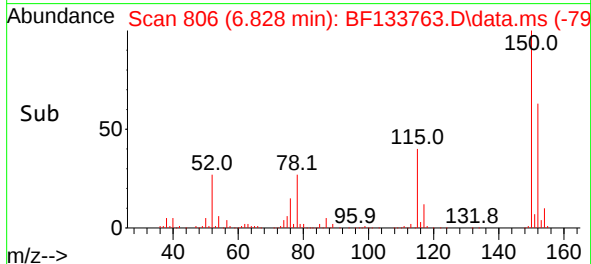
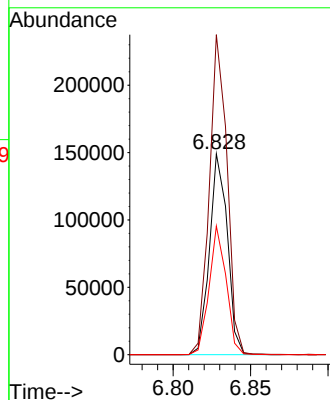
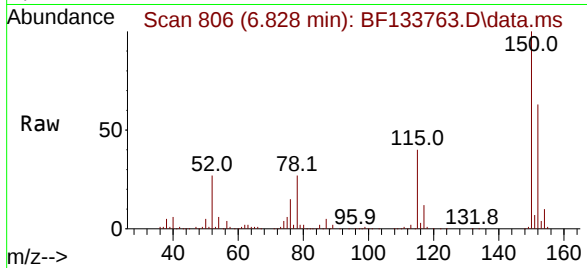




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 808  
Delta R.T. -0.006 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

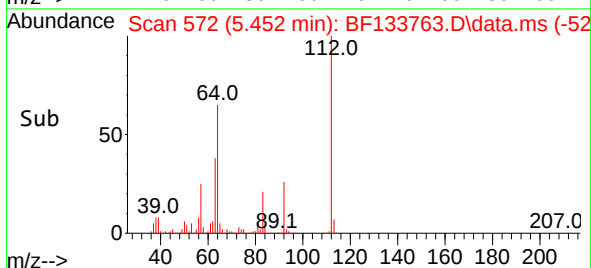
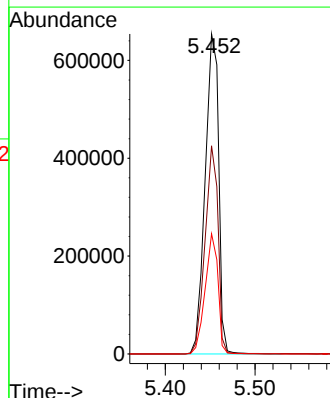
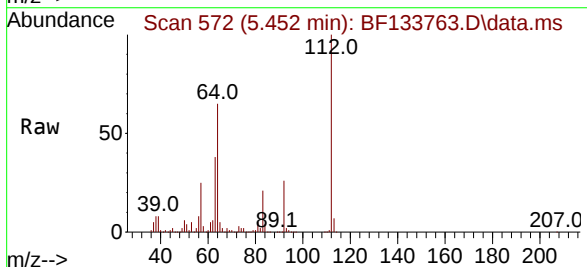
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BNA\_F  
ClientSampleId :  
TP-3-GA

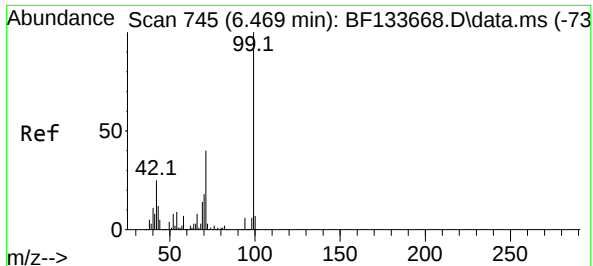
Tgt Ion:152 Resp: 119501  
Ion Ratio Lower Upper  
152 100  
150 159.3 124.3 186.5  
115 64.0 48.5 72.7



#5  
2-Fluorophenol  
Concen: 99.836 ng  
RT: 5.452 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

Tgt Ion:112 Resp: 685304  
Ion Ratio Lower Upper  
112 100  
64 65.0 49.0 73.4  
63 37.6 26.8 40.2

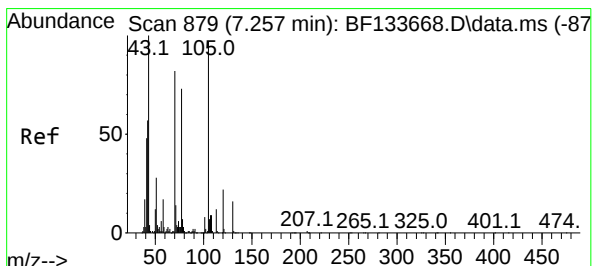
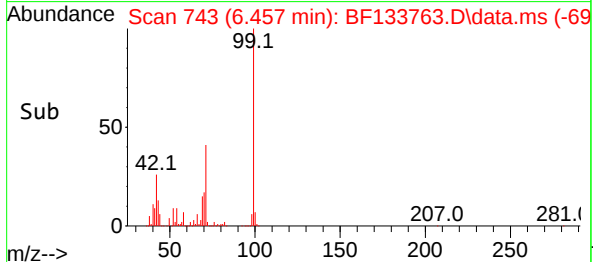
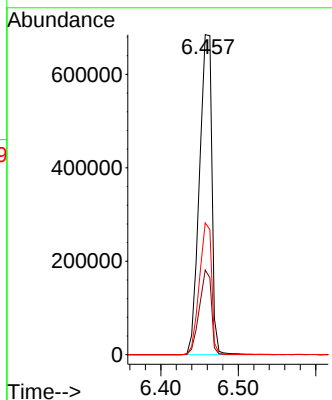
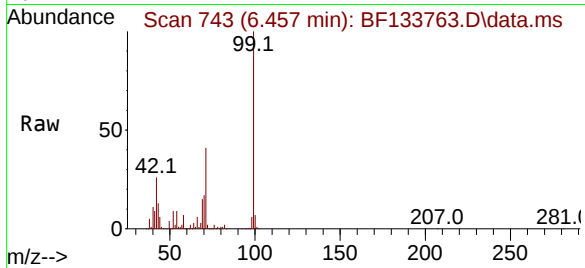




#7  
Phenol-d6  
Concen: 85.655 ng  
RT: 6.457 min Scan# 745  
Delta R.T. -0.012 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

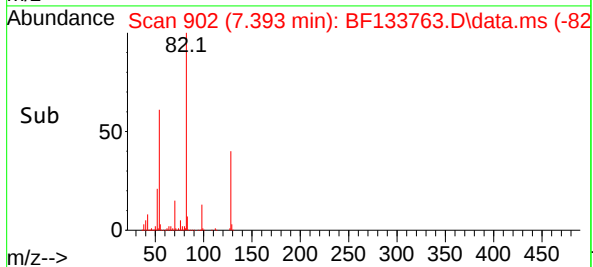
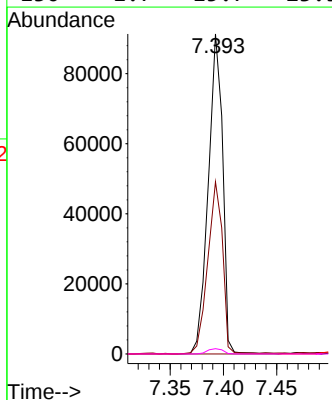
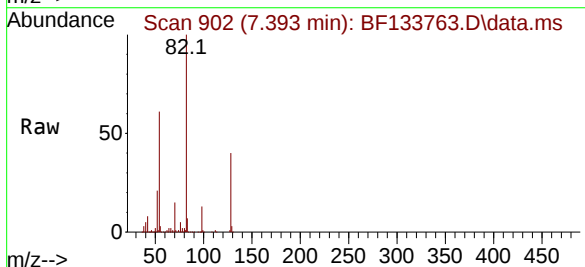
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-GA

Tgt Ion: 99 Resp: 765329  
Ion Ratio Lower Upper  
99 100  
42 26.5 19.9 29.9  
71 41.2 32.2 48.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.103 ng  
RT: 7.393 min Scan# 902  
Delta R.T. 0.141 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

Tgt Ion: 70 Resp: 85859  
Ion Ratio Lower Upper  
70 100  
42 53.8 55.8 83.8#  
101 0.0 8.1 12.1#  
130 1.7 15.7 23.5#

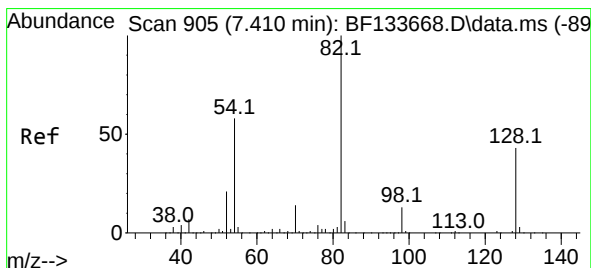
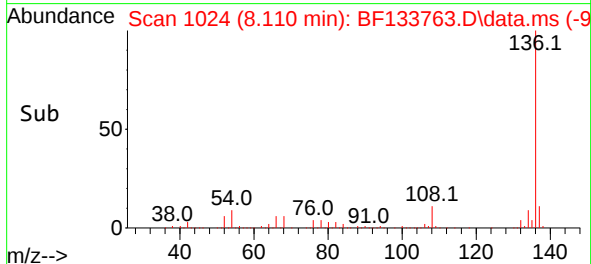
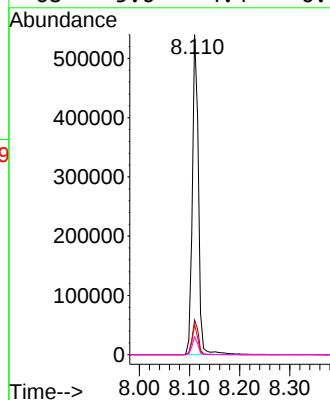
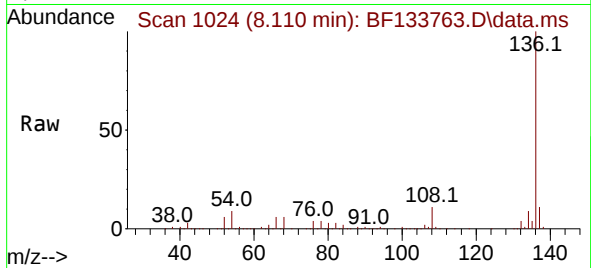




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

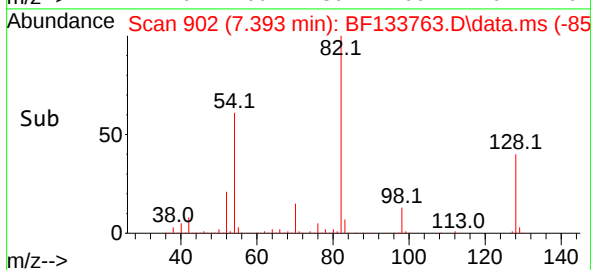
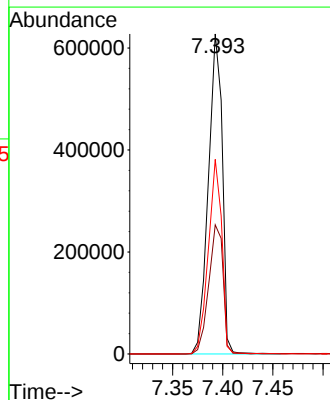
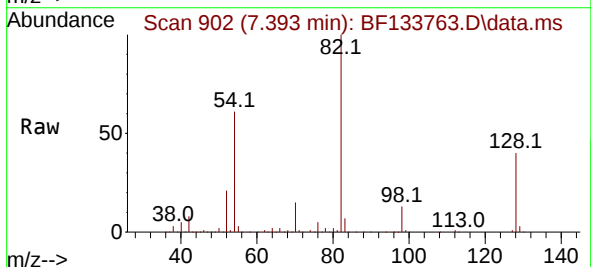
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-GA

Tgt Ion:136 Resp: 456017  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 9.3 7.4 11.0  
68 5.6 4.4 6.6



#23  
Nitrobenzene-d5  
Concen: 72.708 ng  
RT: 7.393 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

Tgt Ion: 82 Resp: 608742  
Ion Ratio Lower Upper  
82 100  
128 40.4 34.2 51.2  
54 60.8 46.5 69.7

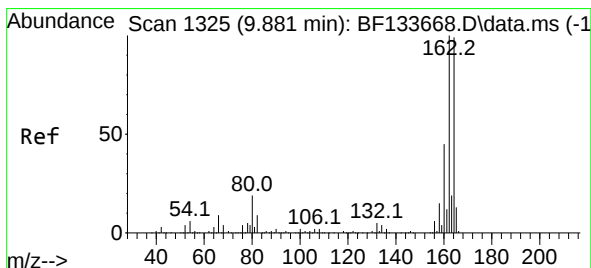
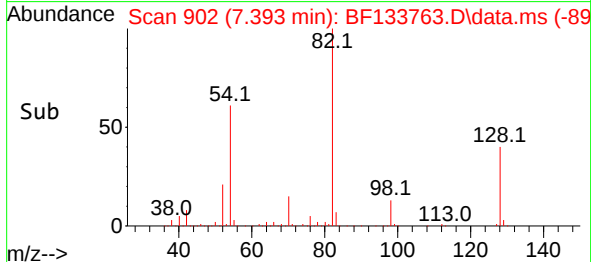
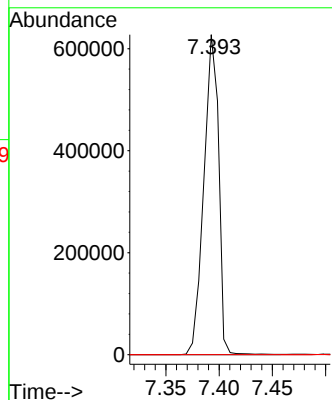
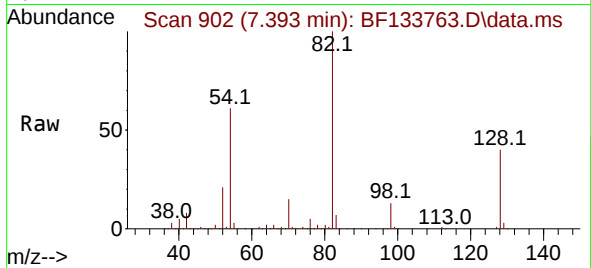




#25  
Isophorone  
Concen: 39.604 ng  
RT: 7.393 min Scan# 90  
Delta R.T. -0.265 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

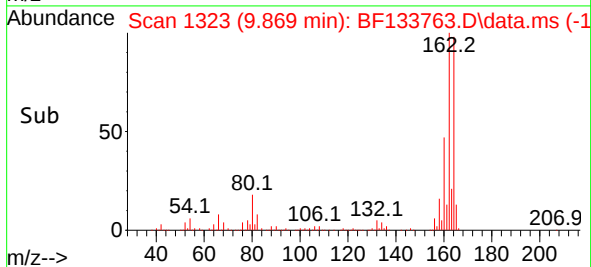
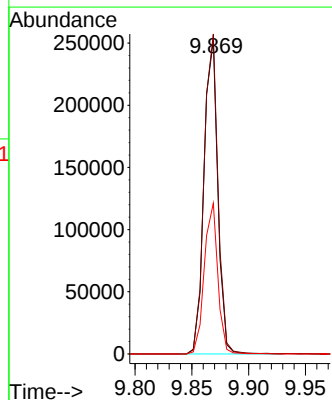
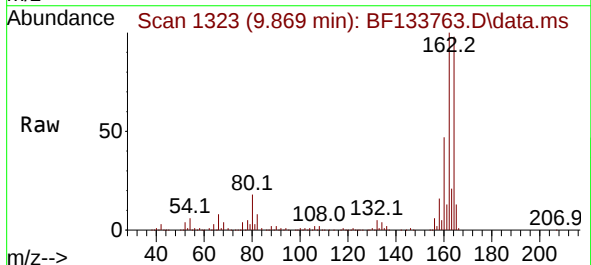
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-GA

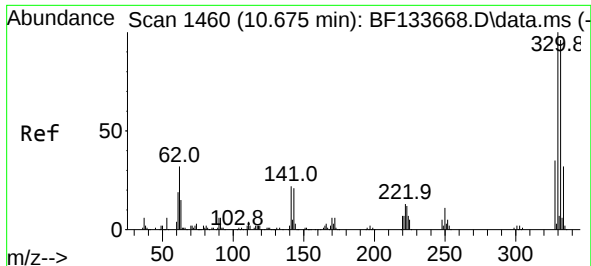
Tgt Ion: 82 Resp: 608736  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

Tgt Ion:164 Resp: 213170  
Ion Ratio Lower Upper  
164 100  
162 102.0 80.8 121.2  
160 48.0 36.7 55.1

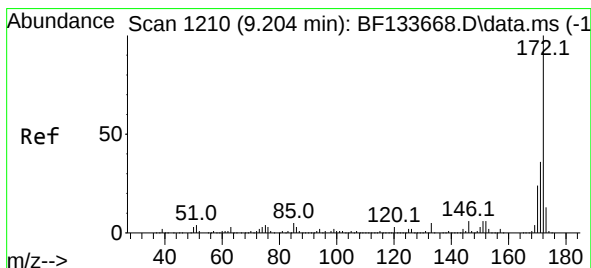
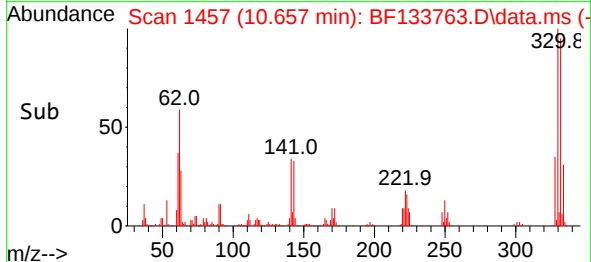
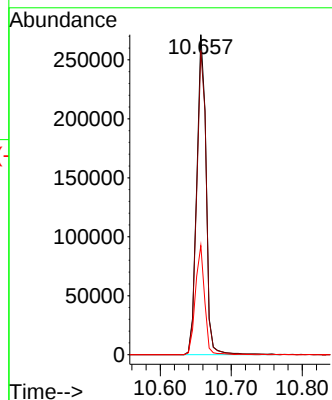
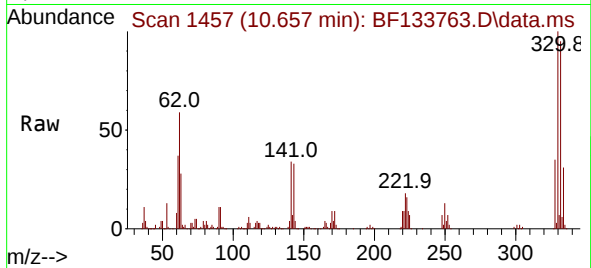




#42  
2,4,6-Tribromophenol  
Concen: 92.359 ng  
RT: 10.657 min Scan# 1460  
Delta R.T. -0.012 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

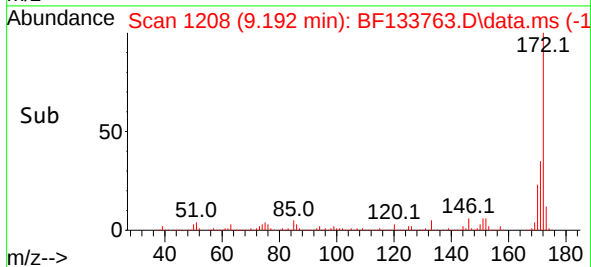
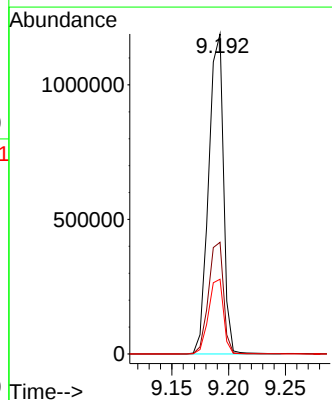
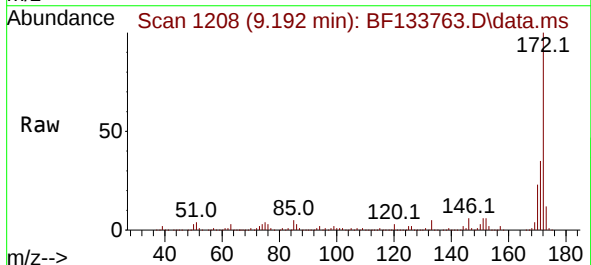
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-GA

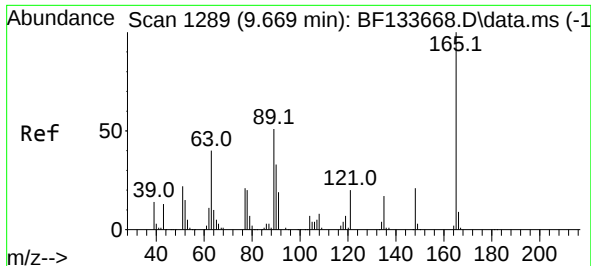
Tgt Ion:330 Resp: 249218  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.2 115.8  
141 33.4 24.9 37.3



#45  
2-Fluorobiphenyl  
Concen: 71.791 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. 0.000 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

Tgt Ion:172 Resp: 1076568  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.6 43.0  
170 23.4 19.1 28.7

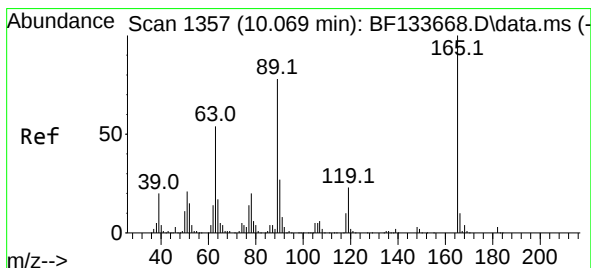
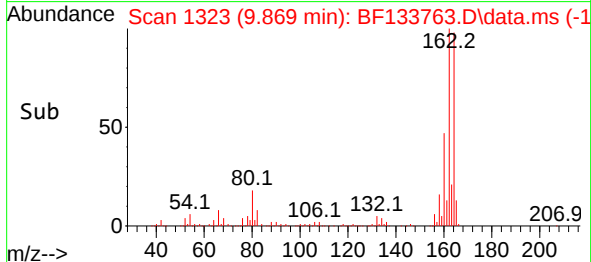
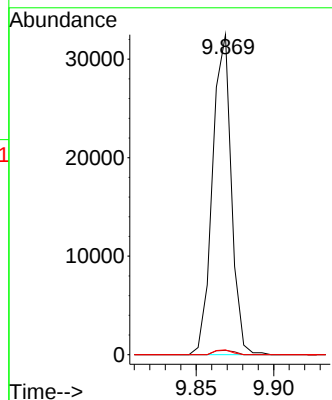
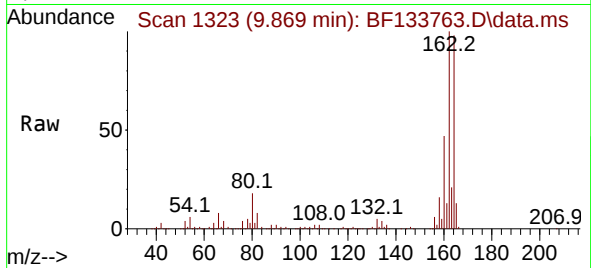




#51  
2,6-Dinitrotoluene  
Concen: 8.359 ng  
RT: 9.869 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

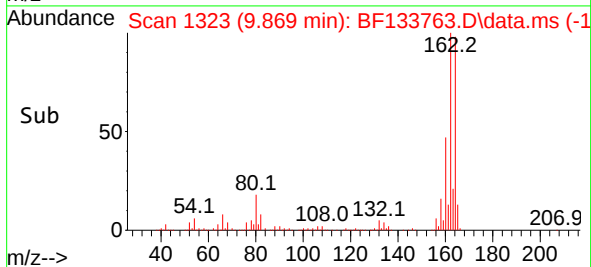
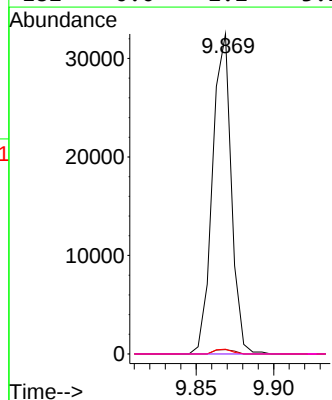
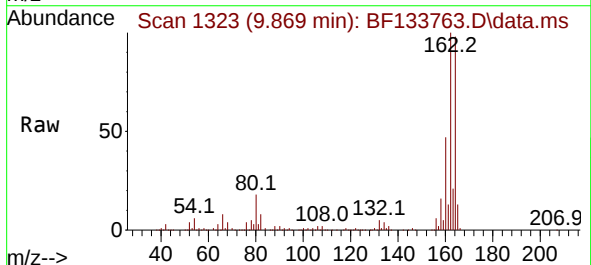
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TP-3-GA

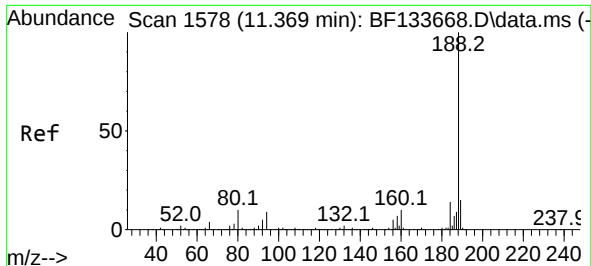
Tgt Ion:165 Resp: 27452  
Ion Ratio Lower Upper  
165 100  
63 1.4 42.1 63.1#  
89 1.5 40.9 61.3#



#57  
2,4-Dinitrotoluene  
Concen: 6.572 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.194 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

Tgt Ion:165 Resp: 27452  
Ion Ratio Lower Upper  
165 100  
63 1.4 43.0 64.6#  
89 1.5 62.6 93.8#  
182 0.0 2.2 3.2#

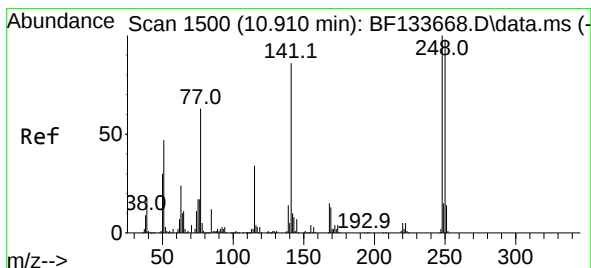
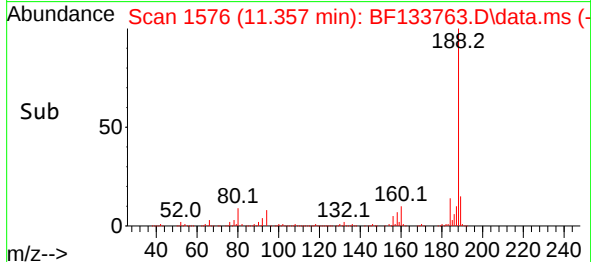
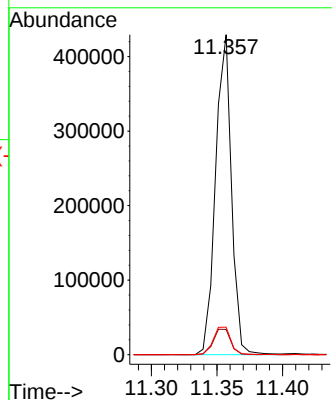
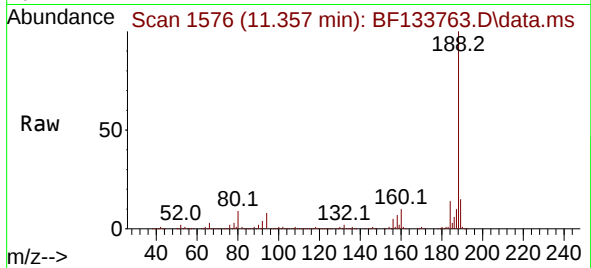




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

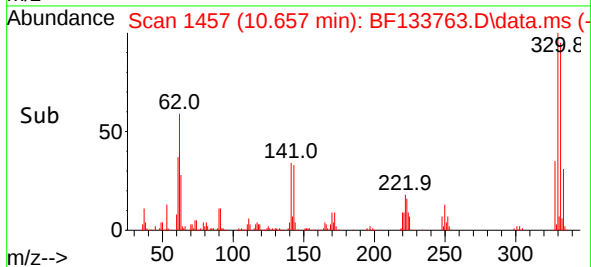
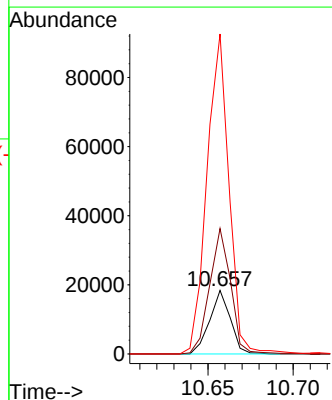
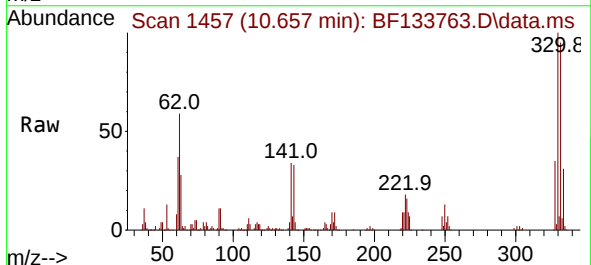
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-GA

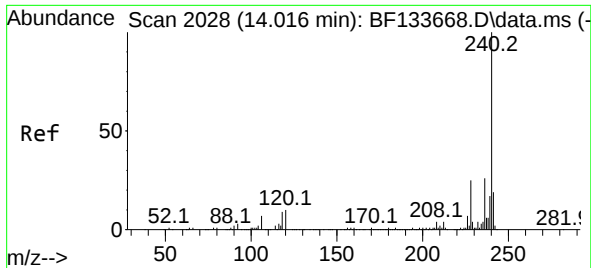
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Ion Ratio Lower Upper  
188 100  
94 7.9 6.8 10.2  
80 8.6 7.8 11.6



#67  
4-Bromophenyl-phenylether  
Concen: 3.854 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. -0.247 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

Tgt Ion:248 Resp: 15522  
Ion Ratio Lower Upper  
248 100  
250 197.7 78.3 117.5#  
141 504.1 69.0 103.6#

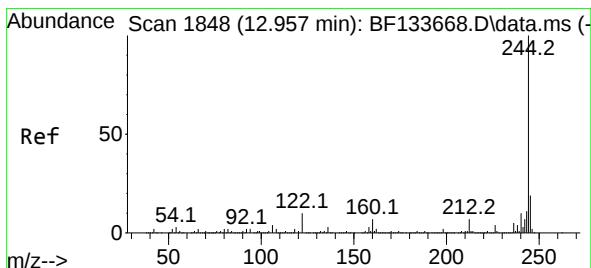
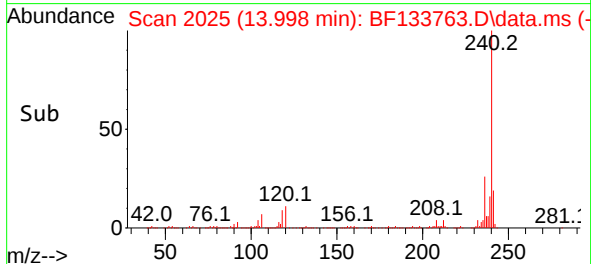
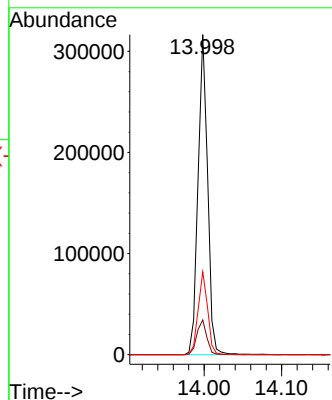
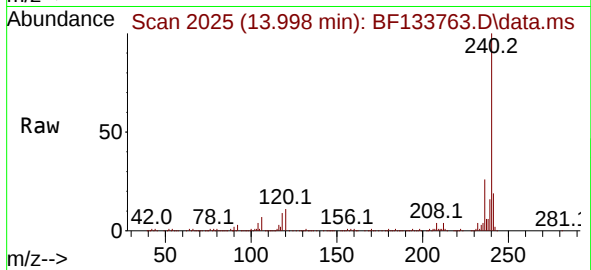




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

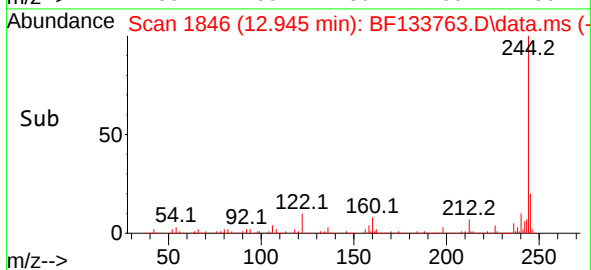
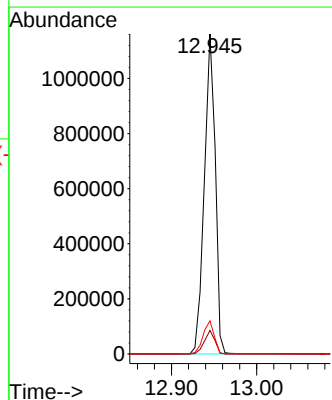
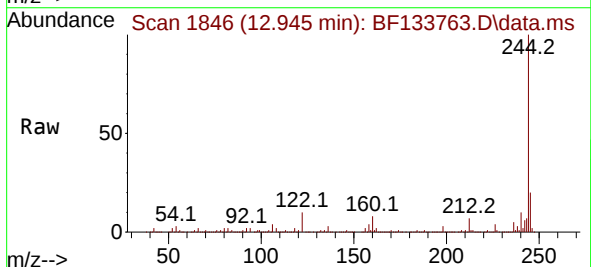
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-GA

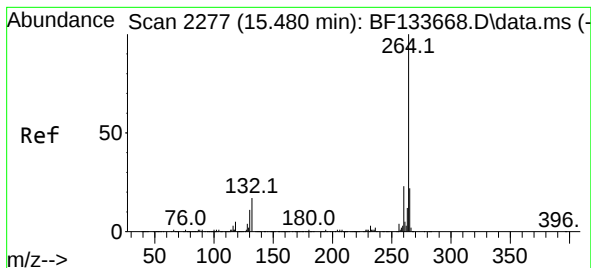
Tgt Ion:240 Resp: 271299  
Ion Ratio Lower Upper  
240 100  
120 10.9 8.1 12.1  
236 25.9 20.5 30.7



#79  
Terphenyl-d14  
Concen: 59.004 ng  
RT: 12.945 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: BF133763.D  
Acq: 14 Jun 2023 21:29

Tgt Ion:244 Resp: 1034523  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.4 8.2  
122 10.3 8.1 12.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133763.D

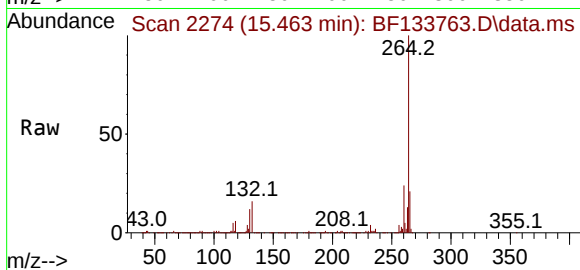
Acq: 14 Jun 2023 21:29

Instrument :

BNA\_F

ClientSampleId :

TP-3-GA



Tgt Ion:264 Resp: 302861

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 21.2 17.8 26.6

