

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080122\  
 Data File : BF129473.D  
 Acq On : 01 Aug 2022 14:58  
 Operator : CG\JU  
 Sample : N3981-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAT-TOTES-0729

Quant Time: Aug 02 01:16:16 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 02 01:11:25 2022  
 Response via : Initial Calibration

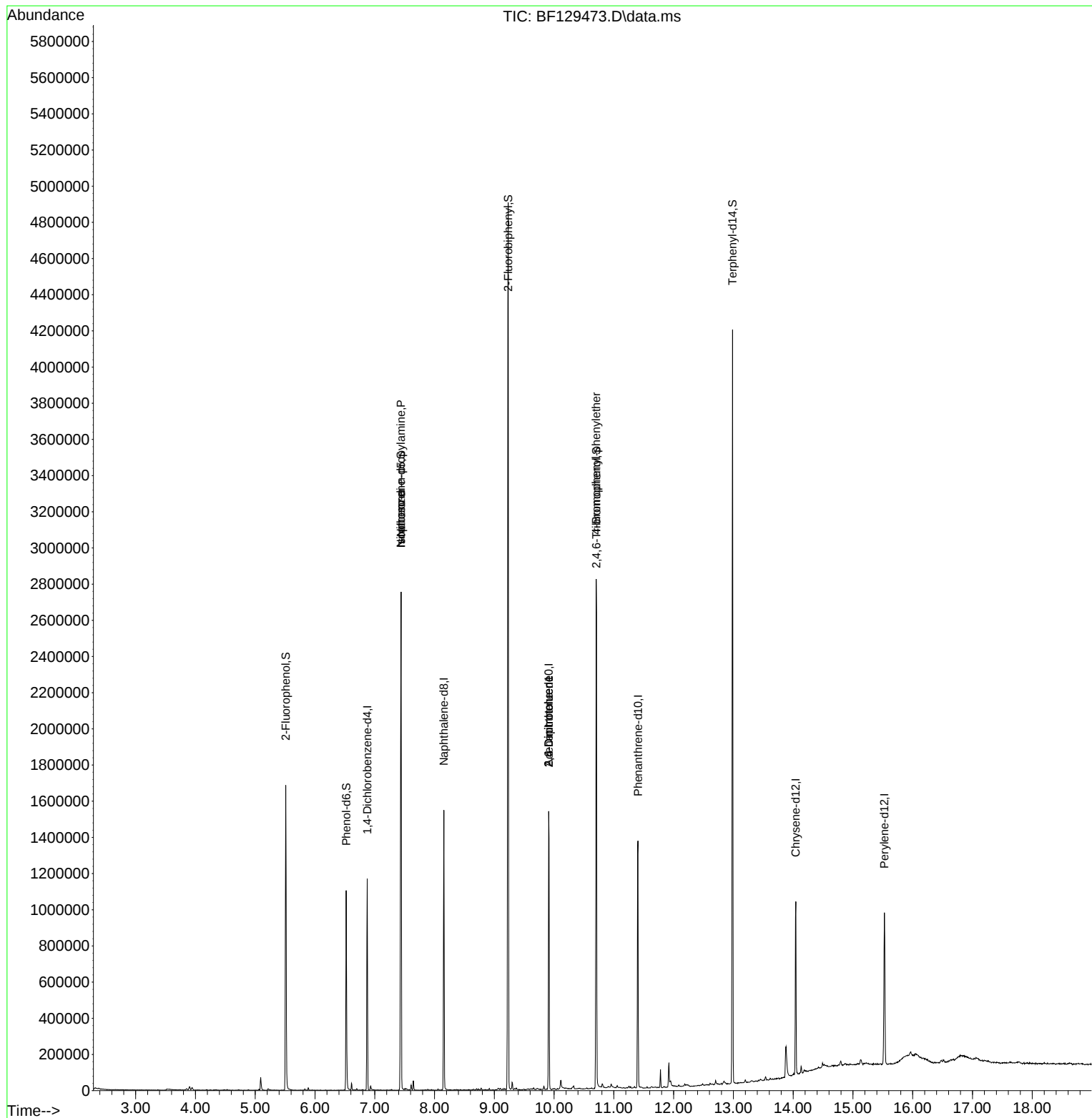
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 156369   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 616472   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 317618   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 496223   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 323591   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 376267   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 446312   | 46.495  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 348887   | 28.916  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 854363   | 75.654  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 326143   | 106.804 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 1498900  | 73.003  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 1297603  | 75.652  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.439  | 70   | 113850   | 15.587  | ng    | # 74     |
| 25) Isophorone                | 7.439  | 82   | 854346   | 42.205  | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.910  | 165  | 41040    | 8.363   | ng    | # 25     |
| 57) 2,4-Dinitrotoluene        | 9.910  | 165  | 41040    | 6.402   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.704 | 248  | 20781    | 3.824   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

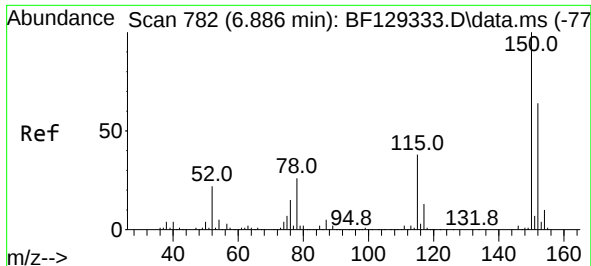
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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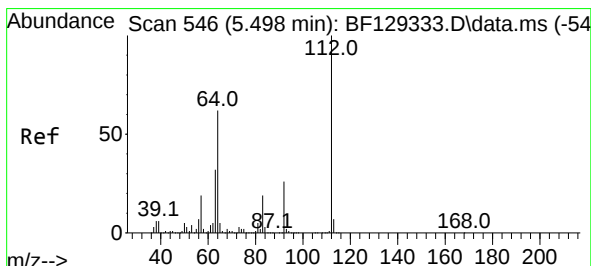
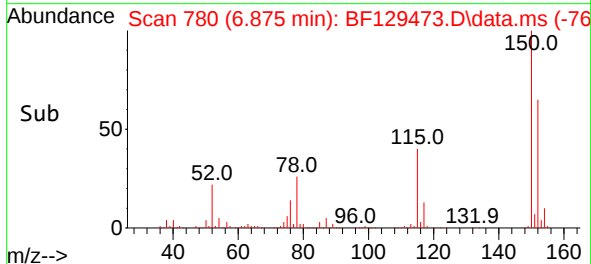
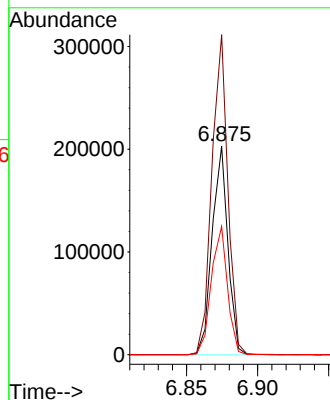
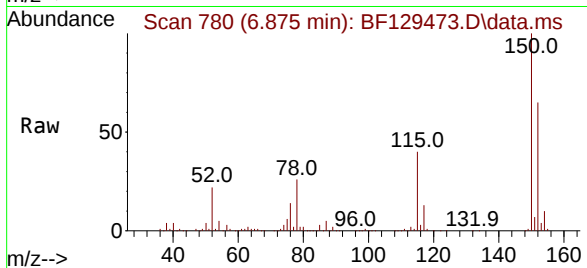




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: BF129473.D  
 Acq: 01 Aug 2022 14:58

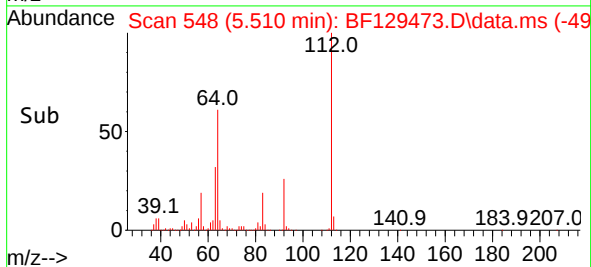
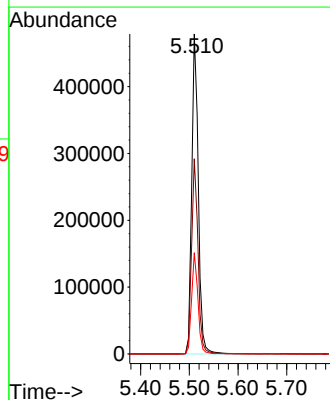
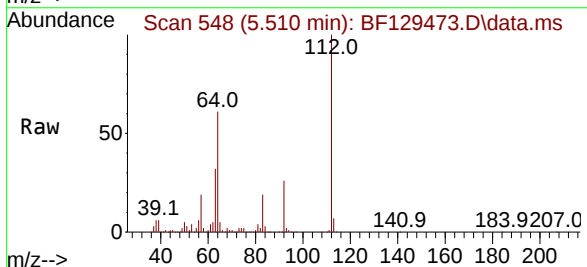
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAT-TOTES-0729

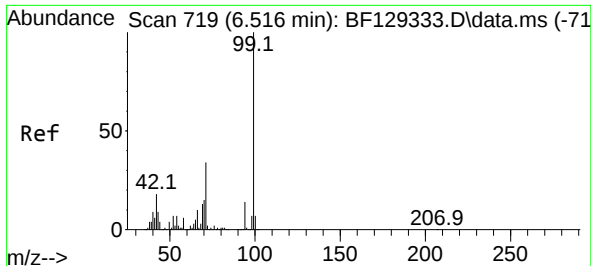
Tgt Ion:152 Resp: 156369  
 Ion Ratio Lower Upper  
 152 100  
 150 153.5 123.7 185.5  
 115 61.5 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 46.495 ng  
 RT: 5.510 min Scan# 548  
 Delta R.T. 0.006 min  
 Lab File: BF129473.D  
 Acq: 01 Aug 2022 14:58

Tgt Ion:112 Resp: 446312  
 Ion Ratio Lower Upper  
 112 100  
 64 61.0 53.3 79.9  
 63 31.7 28.0 42.0

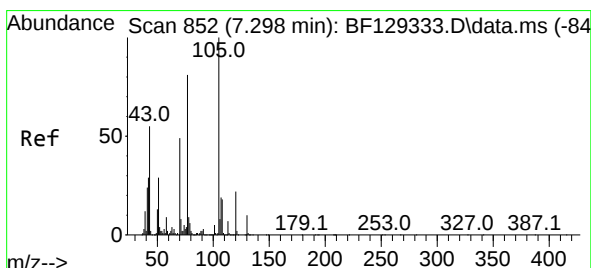
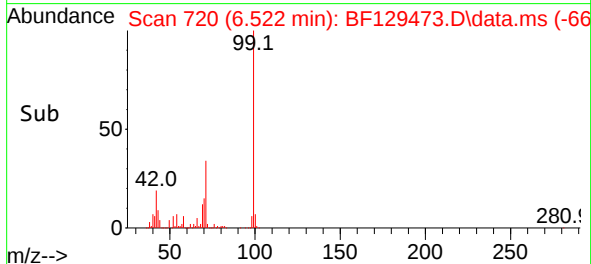
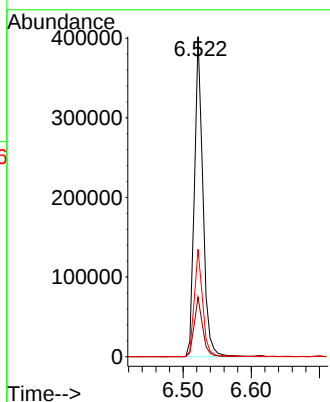
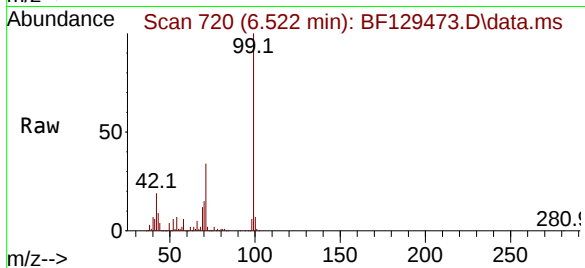




#7  
Phenol-d6  
Concen: 28.916 ng  
RT: 6.522 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: BF129473.D  
Acq: 01 Aug 2022 14:58

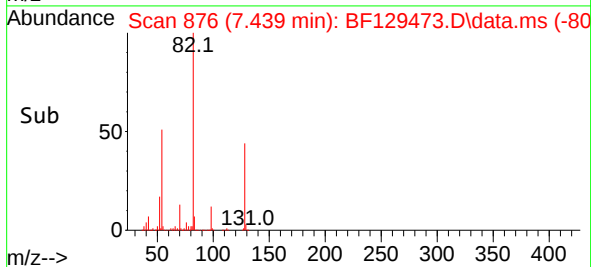
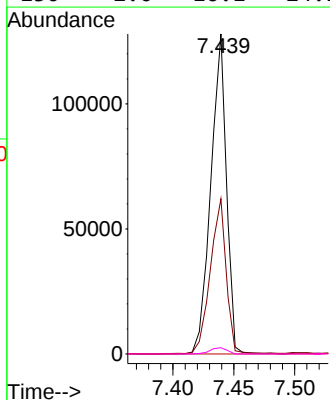
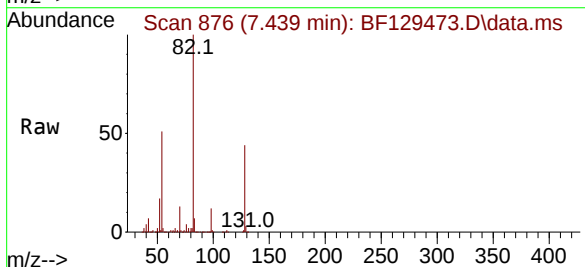
Instrument :  
BNA\_F  
ClientSampleId :  
PAT-TOTES-0729

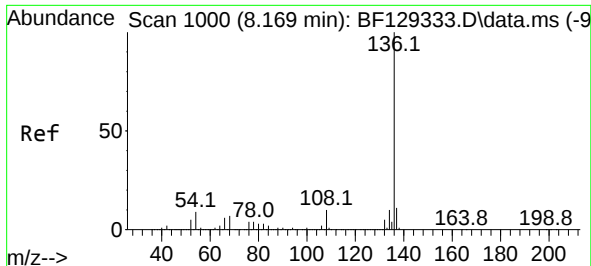
Tgt Ion: 99 Resp: 348887  
Ion Ratio Lower Upper  
99 100  
42 18.6 17.3 25.9  
71 33.6 28.9 43.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.587 ng  
RT: 7.439 min Scan# 876  
Delta R.T. 0.147 min  
Lab File: BF129473.D  
Acq: 01 Aug 2022 14:58

Tgt Ion: 70 Resp: 113850  
Ion Ratio Lower Upper  
70 100  
42 48.5 52.3 78.5#  
101 0.0 7.5 11.3#  
130 2.0 16.1 24.1#



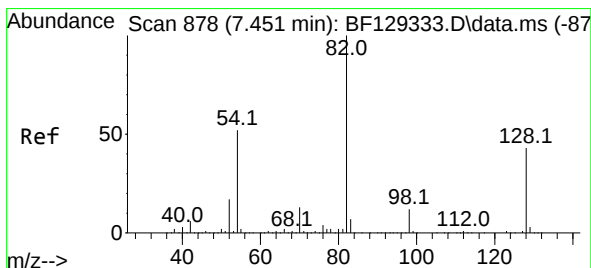
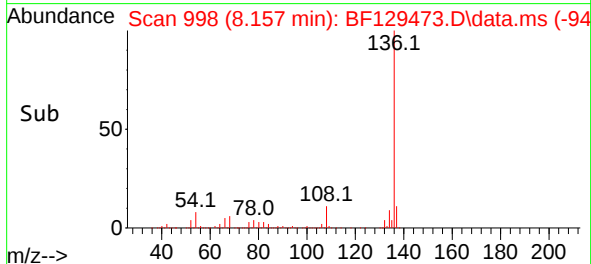
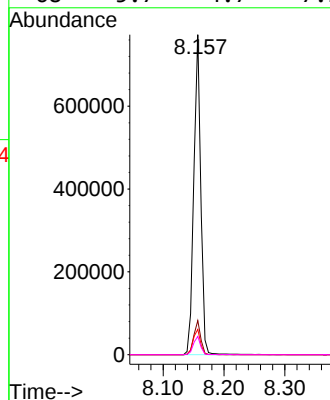
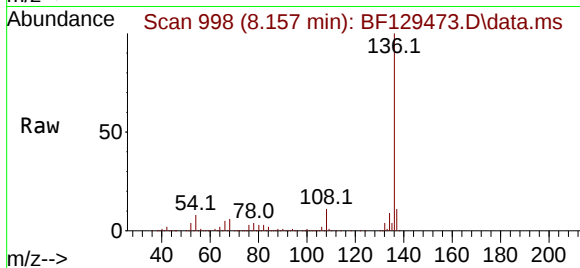


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF129473.D  
Acq: 01 Aug 2022 14:58

Instrument :  
BNA\_F  
ClientSampleId :  
PAT-TOTES-0729

Tgt Ion:136 Resp: 616472

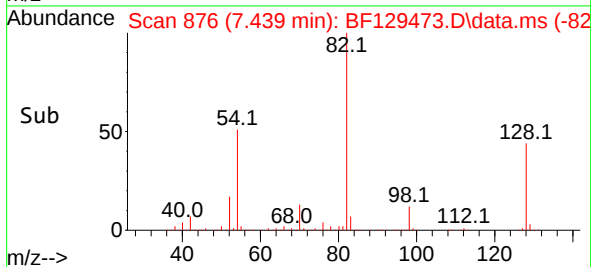
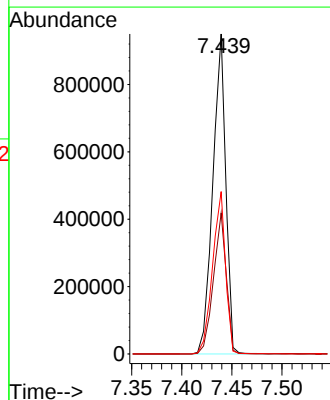
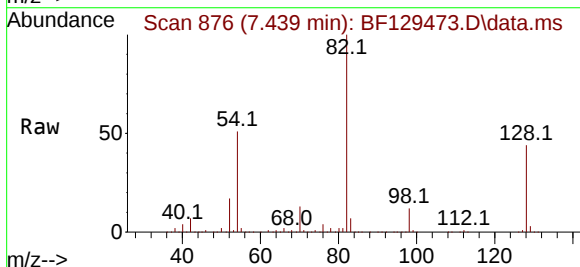
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.8   | 13.2  |
| 54  | 7.9   | 7.5   | 11.3  |
| 68  | 5.7   | 4.7   | 7.1   |

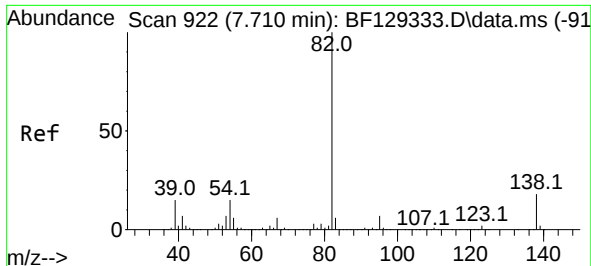


#23  
Nitrobenzene-d5  
Concen: 75.654 ng  
RT: 7.439 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: BF129473.D  
Acq: 01 Aug 2022 14:58

Tgt Ion: 82 Resp: 854363

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.0  | 34.0  | 51.0  |
| 54  | 50.7  | 46.9  | 70.3  |

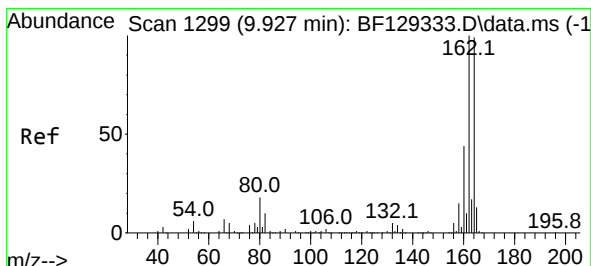
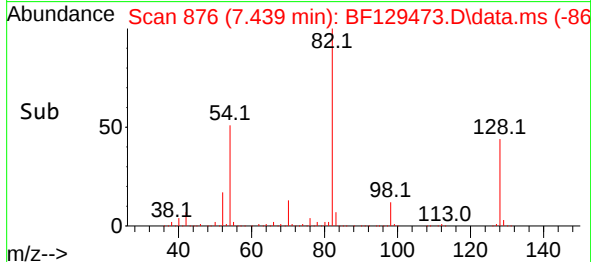
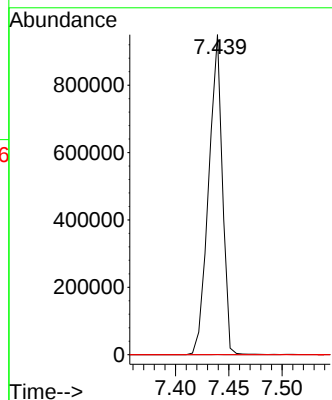
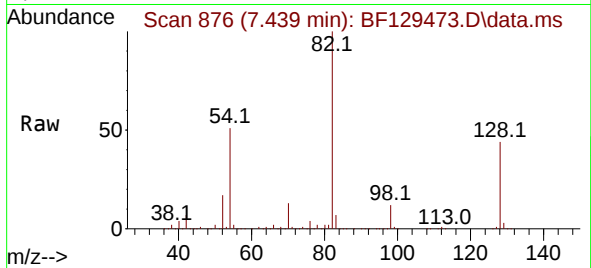




#25  
Isophorone  
Concen: 42.205 ng  
RT: 7.439 min Scan# 81  
Delta R.T. -0.259 min  
Lab File: BF129473.D  
Acq: 01 Aug 2022 14:58

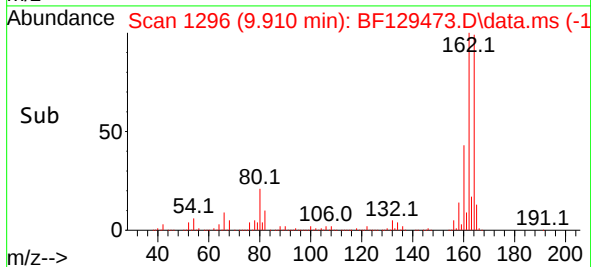
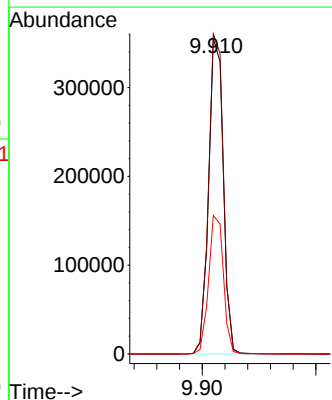
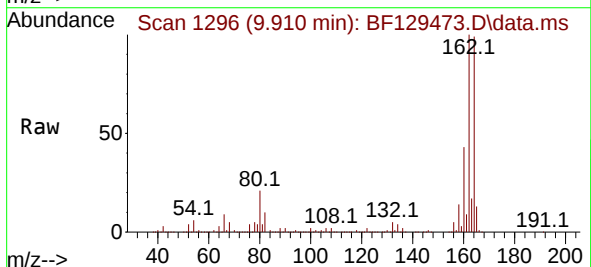
Instrument :  
BNA\_F  
ClientSampleId :  
PAT-TOTES-0729

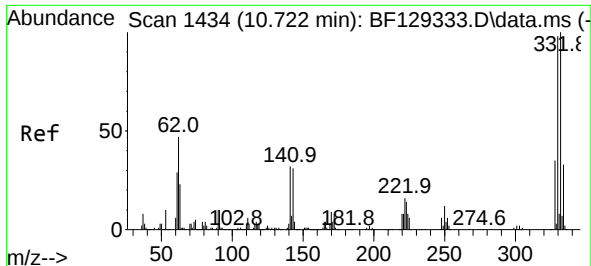
Tgt Ion: 82 Resp: 854346  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: BF129473.D  
Acq: 01 Aug 2022 14:58

Tgt Ion:164 Resp: 317618  
Ion Ratio Lower Upper  
164 100  
162 101.5 79.5 119.3  
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 106.804 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF129473.D

Acq: 01 Aug 2022 14:58

Instrument :

BNA\_F

ClientSampleId :

PAT-TOTES-0729

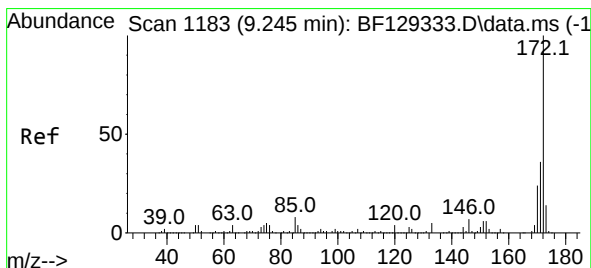
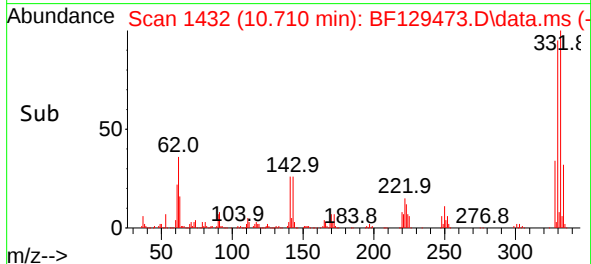
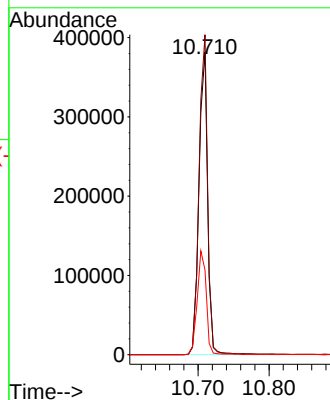
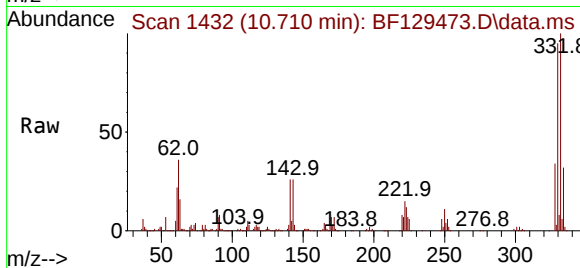
Tgt Ion:330 Resp: 326143

Ion Ratio Lower Upper

330 100

332 104.5 76.8 115.2

141 35.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 73.003 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129473.D

Acq: 01 Aug 2022 14:58

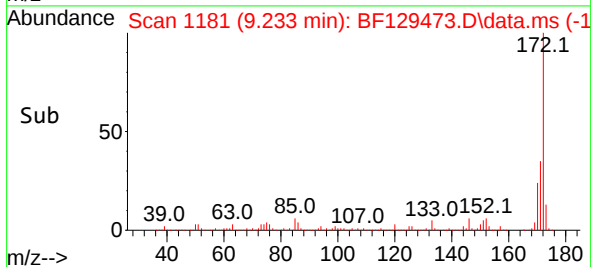
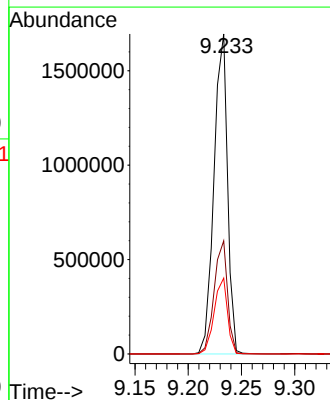
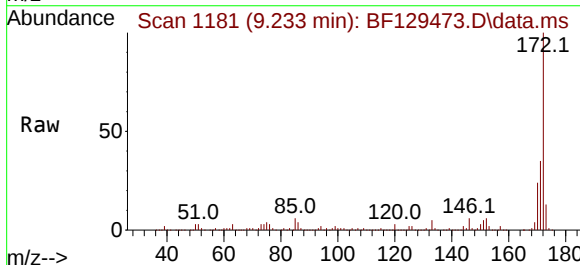
Tgt Ion:172 Resp: 1498900

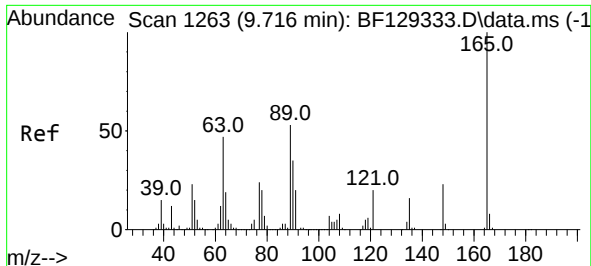
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.363 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.206 min

Lab File: BF129473.D

Acq: 01 Aug 2022 14:58

Instrument :

BNA\_F

ClientSampleId :

PAT-TOTES-0729

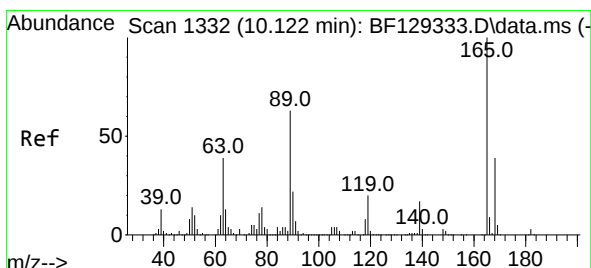
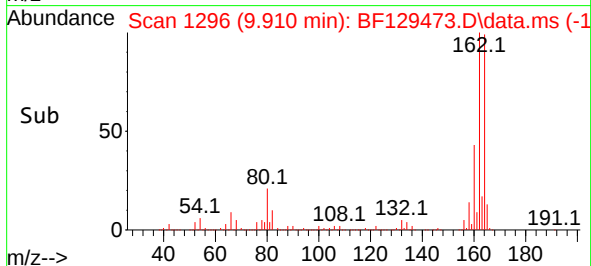
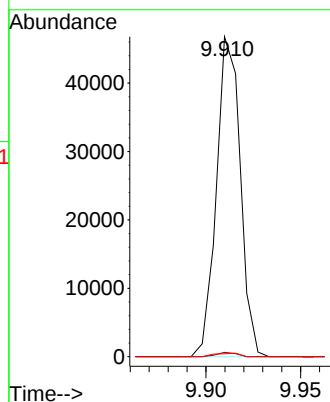
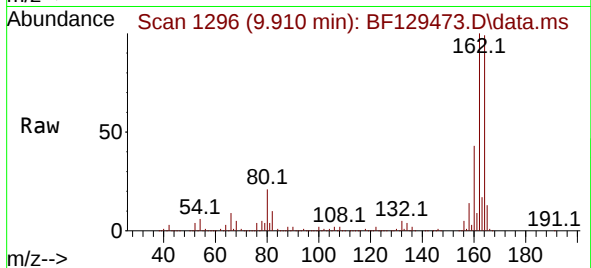
Tgt Ion:165 Resp: 41040

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 0.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.402 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.200 min

Lab File: BF129473.D

Acq: 01 Aug 2022 14:58

Tgt Ion:165 Resp: 41040

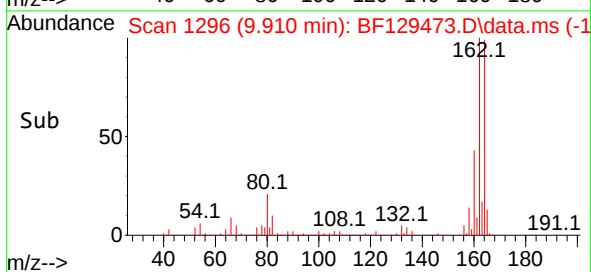
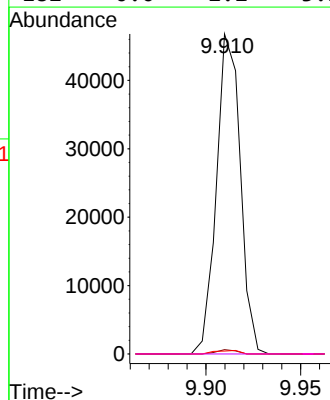
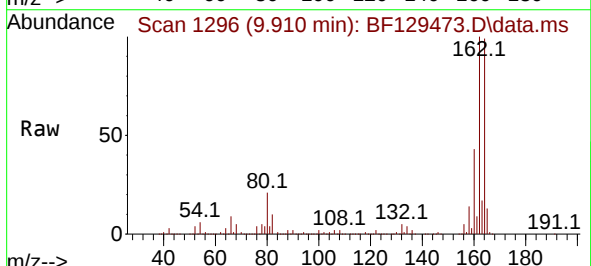
Ion Ratio Lower Upper

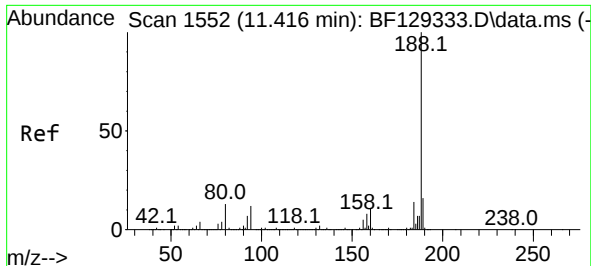
165 100

63 1.4 39.8 59.6#

89 0.9 60.2 90.2#

182 0.0 2.2 3.2#

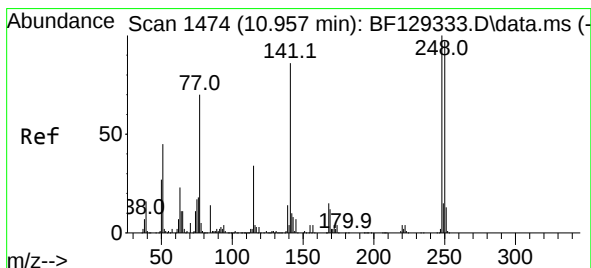
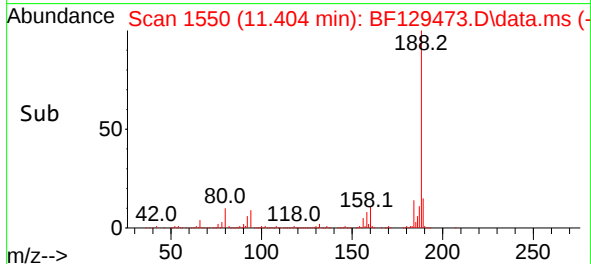
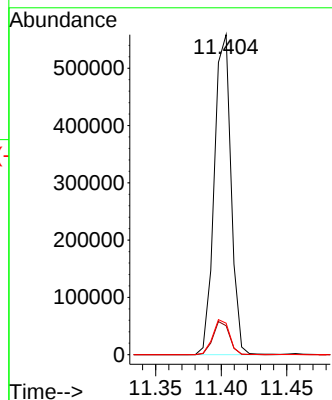
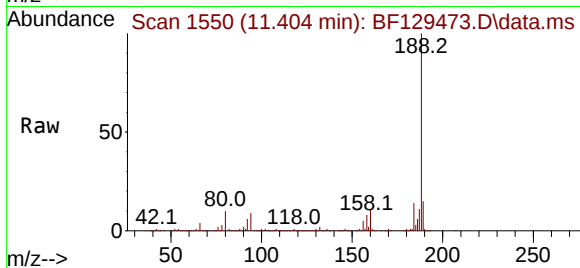




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF129473.D  
Acq: 01 Aug 2022 14:58

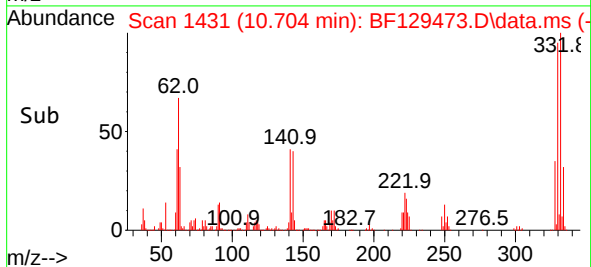
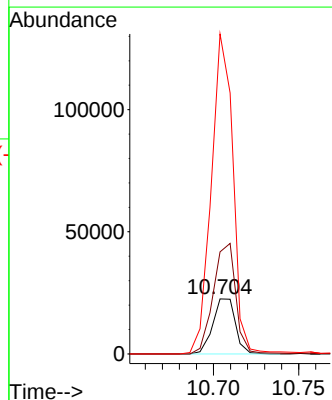
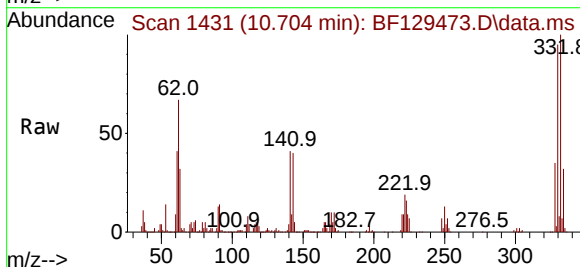
Instrument :  
BNA\_F  
ClientSampleId :  
PAT-TOTES-0729

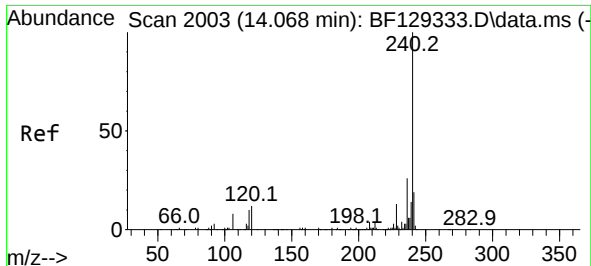
Tgt Ion:188 Resp: 496223  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.0 10.6  
80 9.9 7.6 11.4



#67  
4-Bromophenyl-phenylether  
Concen: 3.824 ng  
RT: 10.704 min Scan# 1431  
Delta R.T. -0.241 min  
Lab File: BF129473.D  
Acq: 01 Aug 2022 14:58

Tgt Ion:248 Resp: 20781  
Ion Ratio Lower Upper  
248 100  
250 185.4 80.6 120.8#  
141 581.4 58.9 88.3#

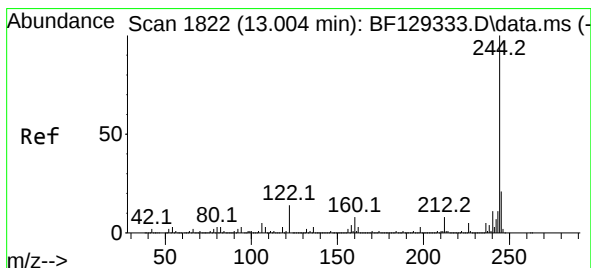
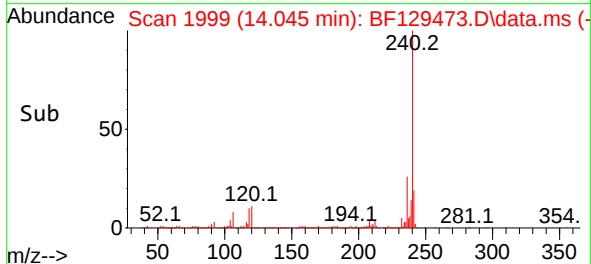
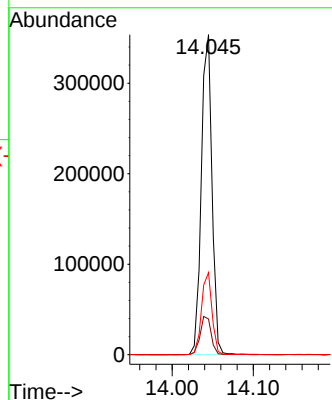
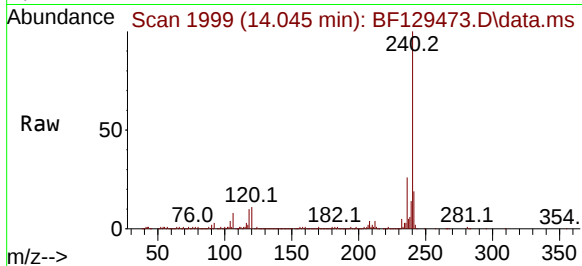




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: BF129473.D  
Acq: 01 Aug 2022 14:58

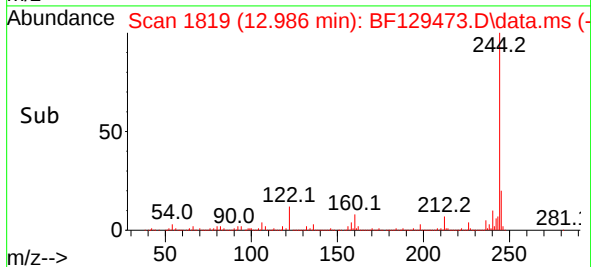
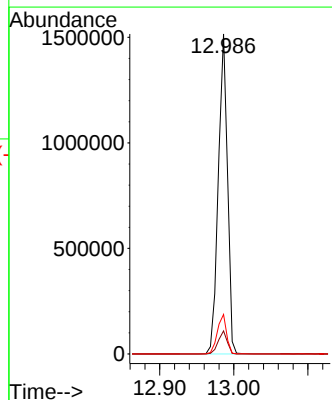
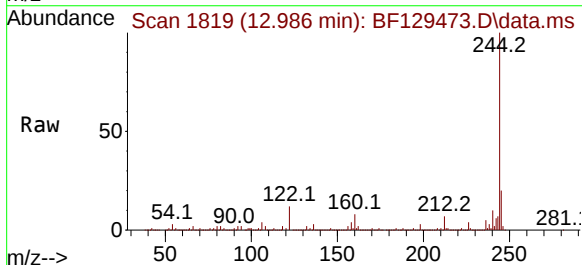
Instrument :  
BNA\_F  
ClientSampleId :  
PAT-TOTES-0729

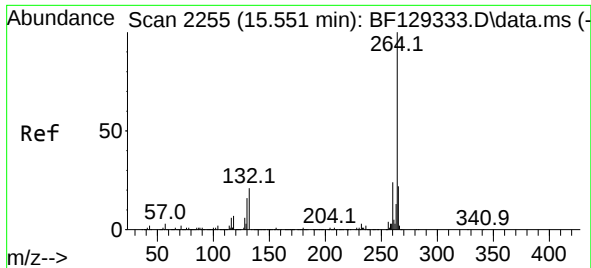
Tgt Ion:240 Resp: 323591  
Ion Ratio Lower Upper  
240 100  
120 11.2 8.9 13.3  
236 25.7 20.8 31.2



#79  
Terphenyl-d14  
Concen: 75.652 ng  
RT: 12.986 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: BF129473.D  
Acq: 01 Aug 2022 14:58

Tgt Ion:244 Resp: 1297603  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.1 9.1  
122 12.4 8.8 13.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BF129473.D  
 Acq: 01 Aug 2022 14:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAT-TOTES-0729

Tgt Ion:264 Resp: 376267  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.4 27.6  
 265 21.5 17.2 25.8

