

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072722\  
 Data File : BF129371.D  
 Acq On : 27 Jul 2022 12:01  
 Operator : CG\JU  
 Sample : N3861-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-14R

Quant Time: Jul 28 01:30:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 25 17:24:17 2022  
 Response via : Initial Calibration

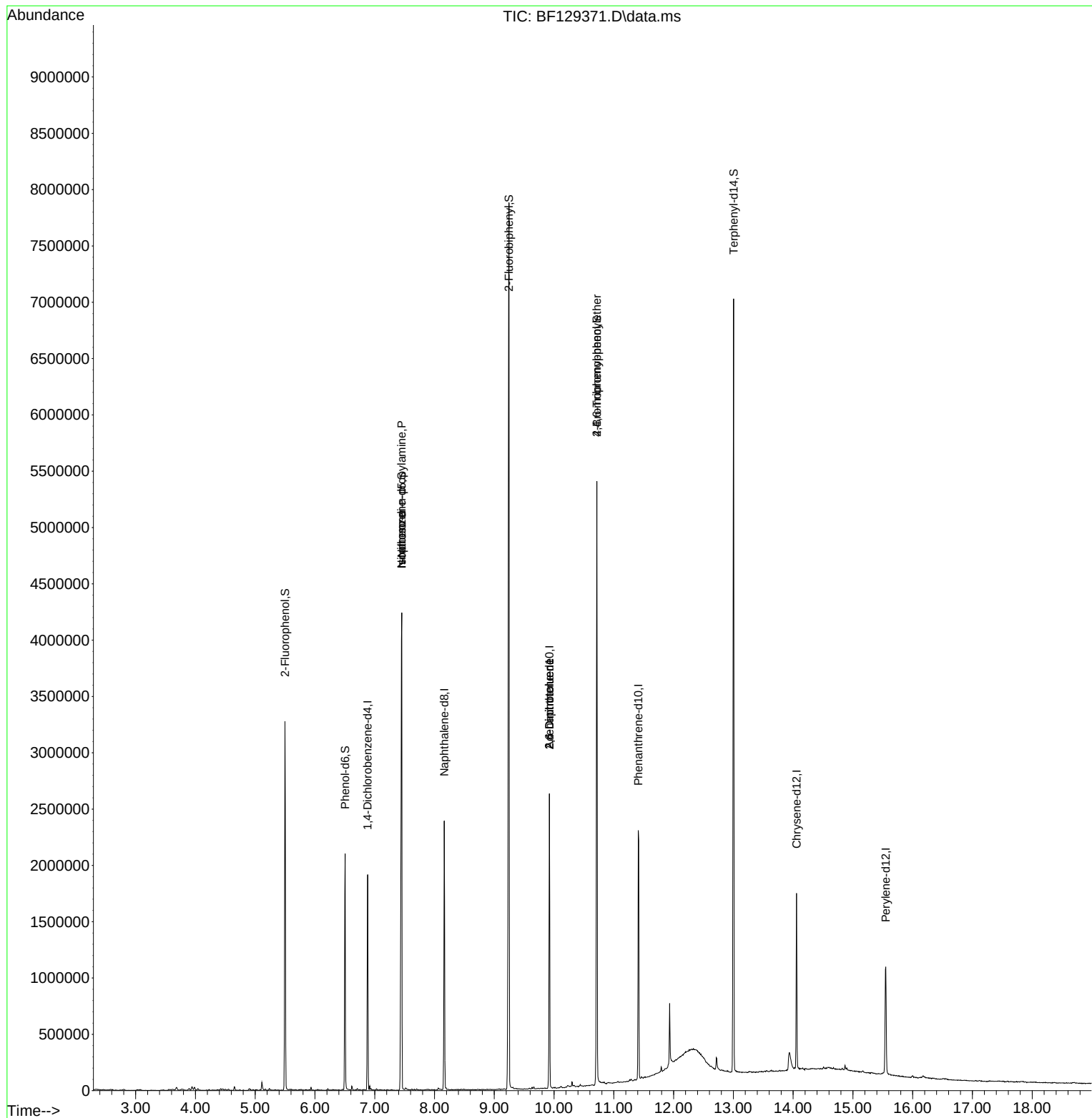
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 259856   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 1020517  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 519804   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 834712   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.057 | 240  | 497490   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.551 | 264  | 454040   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 864410   | 54.189  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 677843   | 33.807  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1635377  | 87.478  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 649702   | 130.005 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 2673344  | 79.559  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 2393687  | 90.773  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 216972   | 17.875  | ng    | # 73     |
| 25) Isophorone                | 7.451  | 82   | 1629979  | 48.641  | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 68949    | 8.585   | ng    | # 25     |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 68949    | 6.572   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.716 | 248  | 40123    | 4.390   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

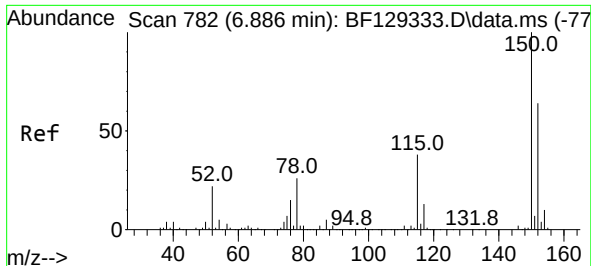
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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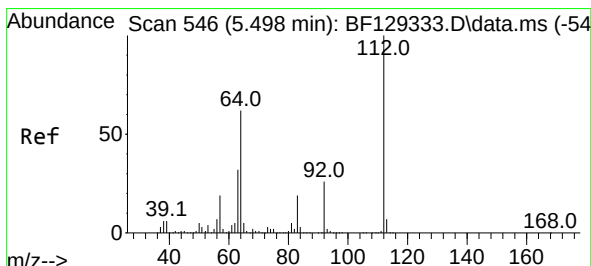
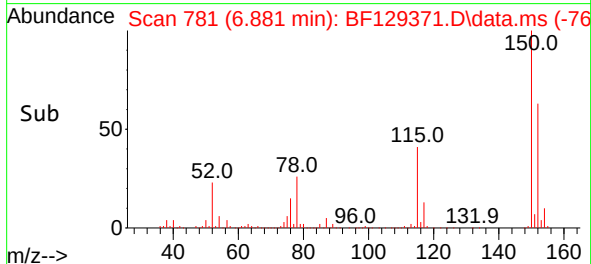
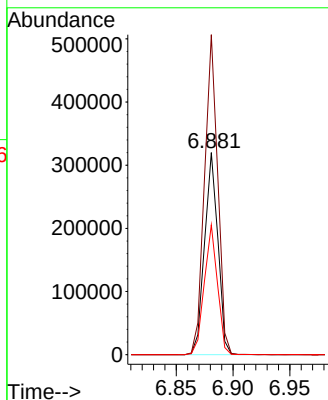
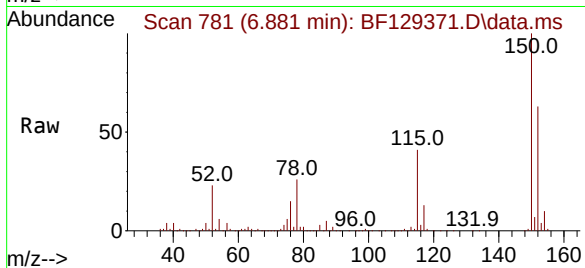




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 782  
 Delta R.T. -0.005 min  
 Lab File: BF129371.D  
 Acq: 27 Jul 2022 12:01

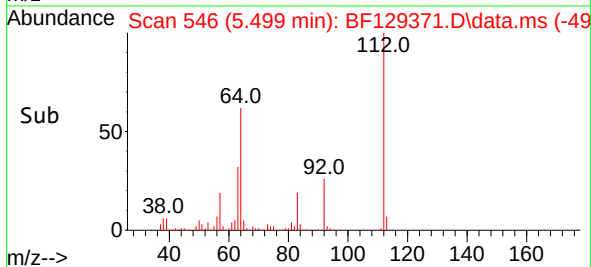
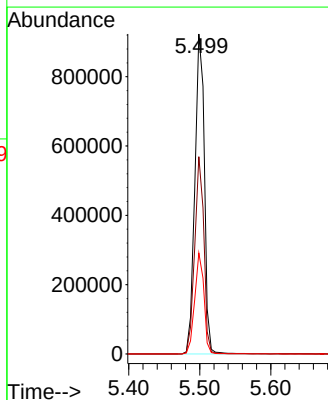
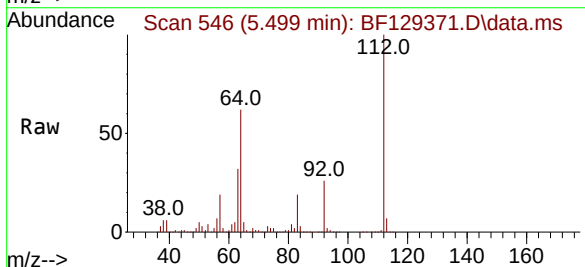
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-14R

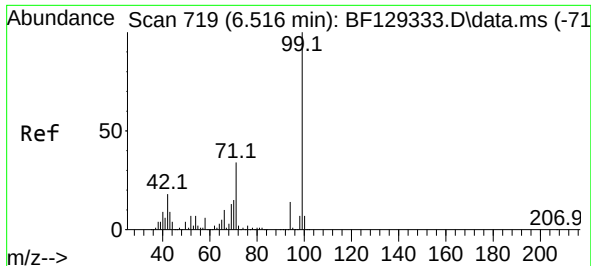
Tgt Ion:152 Resp: 259856  
 Ion Ratio Lower Upper  
 152 100  
 150 158.3 123.7 185.5  
 115 64.2 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 54.189 ng  
 RT: 5.499 min Scan# 546  
 Delta R.T. 0.000 min  
 Lab File: BF129371.D  
 Acq: 27 Jul 2022 12:01

Tgt Ion:112 Resp: 864410  
 Ion Ratio Lower Upper  
 112 100  
 64 61.7 53.3 79.9  
 63 31.6 28.0 42.0

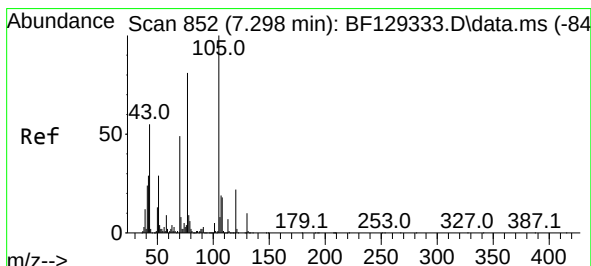
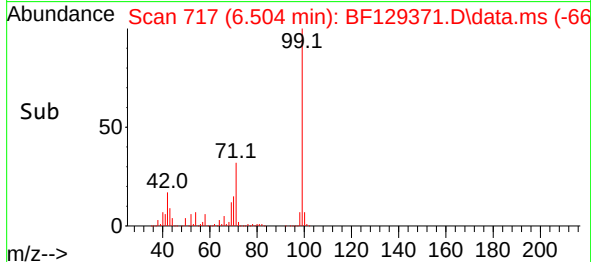
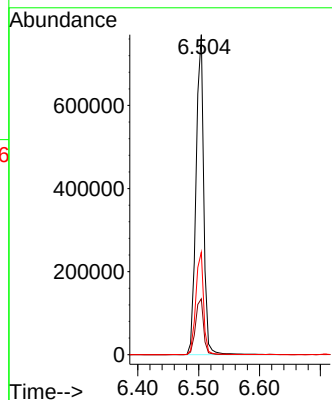
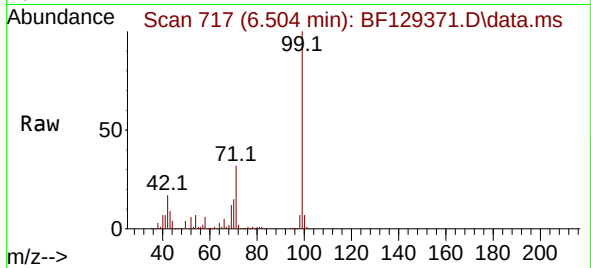




#7  
Phenol-d6  
Concen: 33.807 ng  
RT: 6.504 min Scan# 719  
Delta R.T. -0.011 min  
Lab File: BF129371.D  
Acq: 27 Jul 2022 12:01

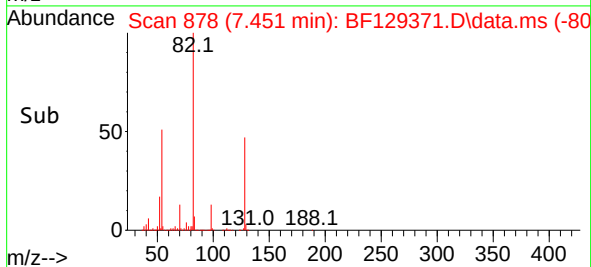
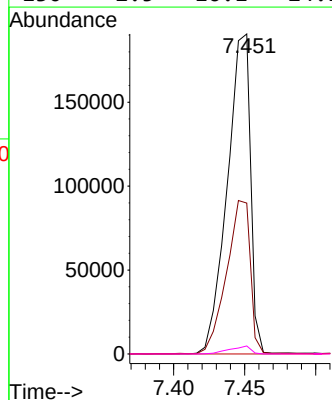
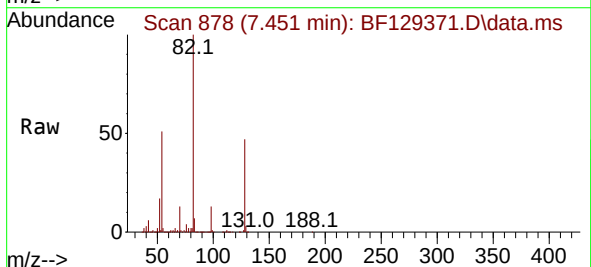
Instrument :  
BNA\_F  
ClientSampleId :  
MW-14R

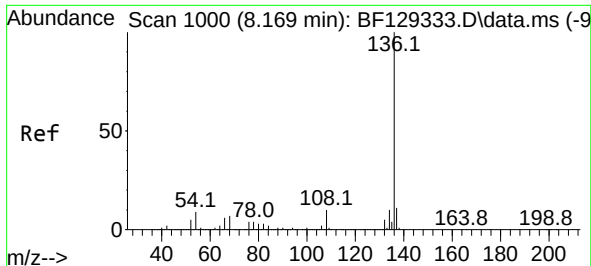
Tgt Ion: 99 Resp: 677843  
Ion Ratio Lower Upper  
99 100  
42 17.5 17.3 25.9  
71 32.0 28.9 43.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.875 ng  
RT: 7.451 min Scan# 878  
Delta R.T. 0.153 min  
Lab File: BF129371.D  
Acq: 27 Jul 2022 12:01

Tgt Ion: 70 Resp: 216972  
Ion Ratio Lower Upper  
70 100  
42 47.1 52.3 78.5#  
101 0.0 7.5 11.3#  
130 2.5 16.1 24.1#

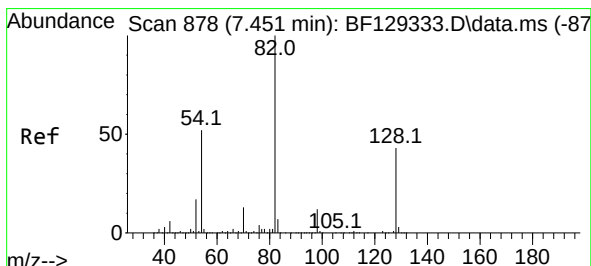
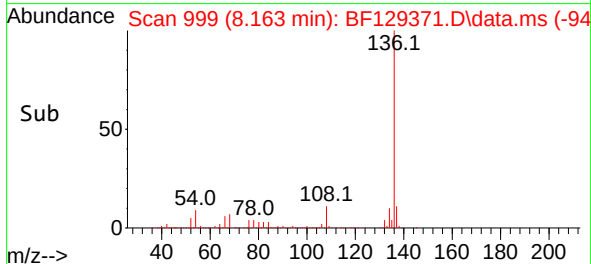
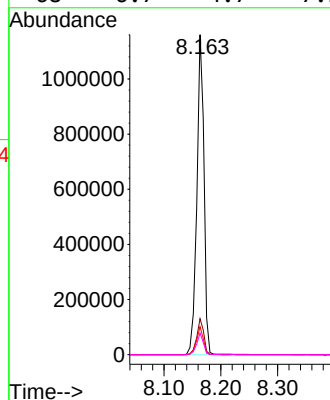
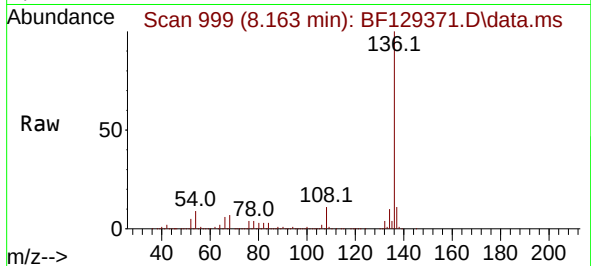




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF129371.D  
Acq: 27 Jul 2022 12:01

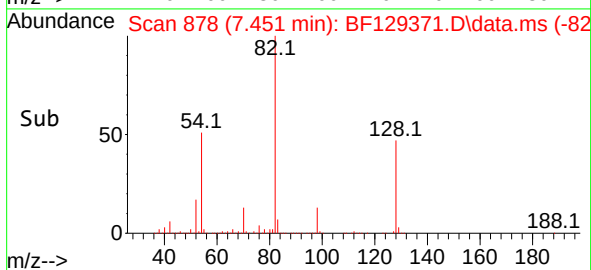
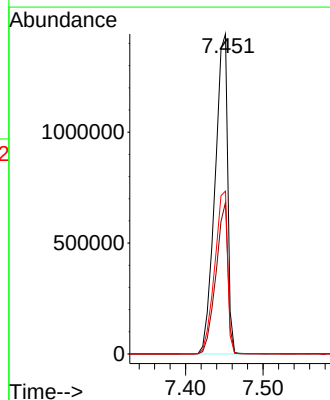
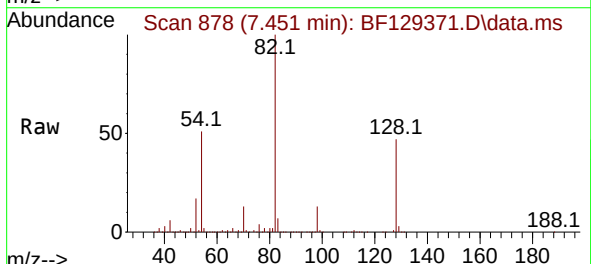
Instrument :  
BNA\_F  
ClientSampleId :  
MW-14R

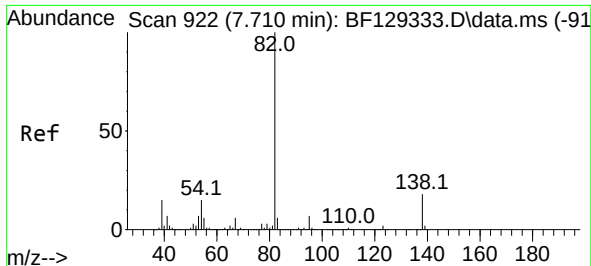
Tgt Ion:136 Resp: 1020517  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 8.8 7.5 11.3  
68 6.7 4.7 7.1



#23  
Nitrobenzene-d5  
Concen: 87.478 ng  
RT: 7.451 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: BF129371.D  
Acq: 27 Jul 2022 12:01

Tgt Ion: 82 Resp: 1635377  
Ion Ratio Lower Upper  
82 100  
128 47.3 34.0 51.0  
54 50.9 46.9 70.3

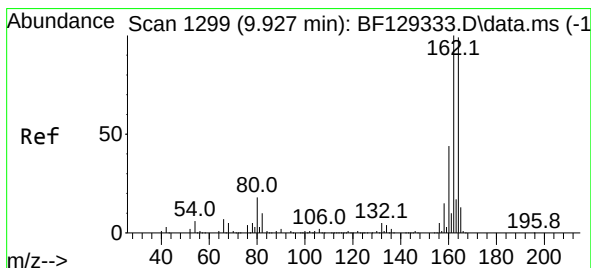
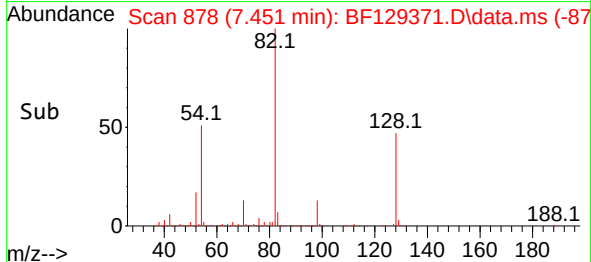
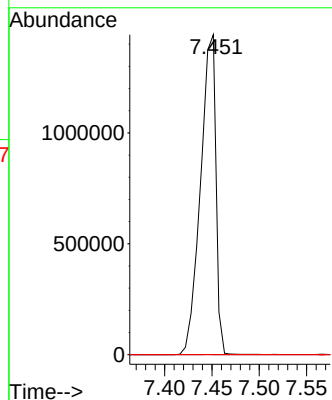
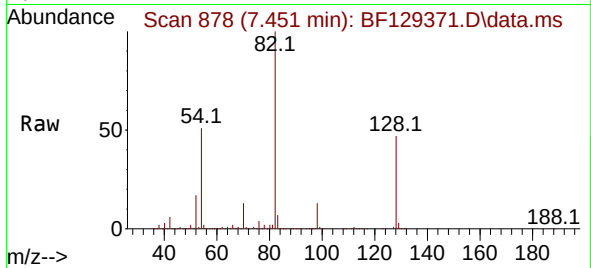




#25  
Isophorone  
Concen: 48.641 ng  
RT: 7.451 min Scan# 81  
Delta R.T. -0.259 min  
Lab File: BF129371.D  
Acq: 27 Jul 2022 12:01

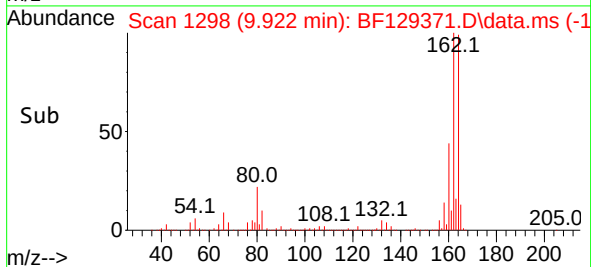
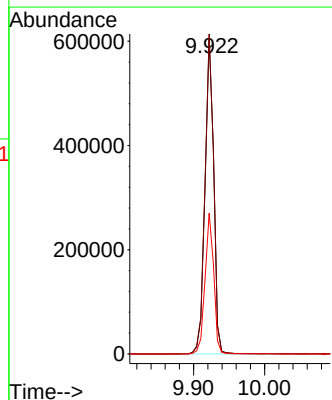
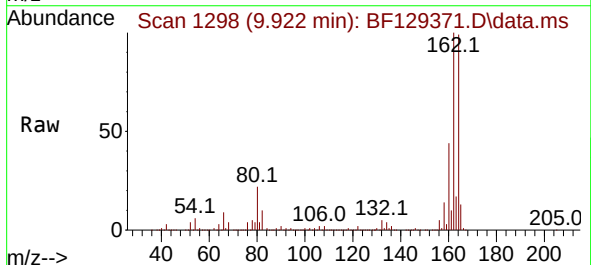
Instrument :  
BNA\_F  
ClientSampleId :  
MW-14R

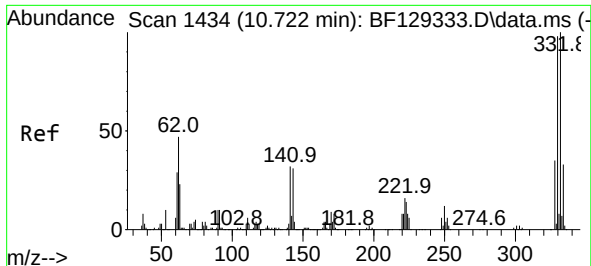
Tgt Ion: 82 Resp: 1629979  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1298  
Delta R.T. -0.006 min  
Lab File: BF129371.D  
Acq: 27 Jul 2022 12:01

Tgt Ion:164 Resp: 519804  
Ion Ratio Lower Upper  
164 100  
162 101.4 79.5 119.3  
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 130.005 ng

RT: 10.716 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129371.D

Acq: 27 Jul 2022 12:01

Instrument :

BNA\_F

ClientSampleId :

MW-14R

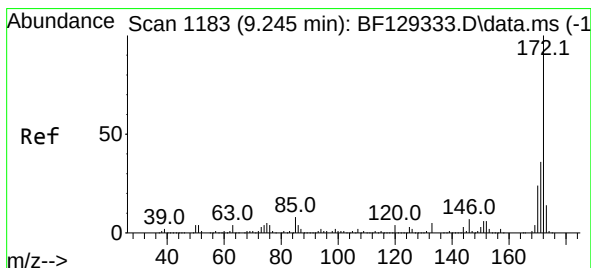
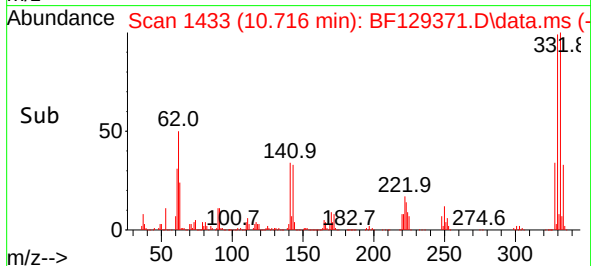
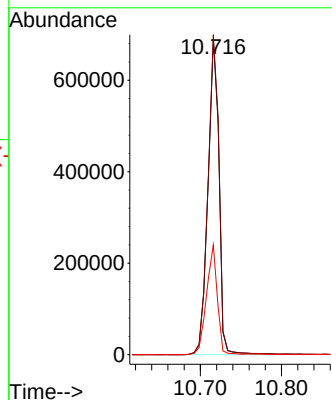
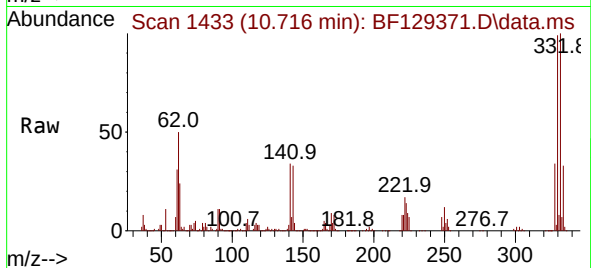
Tgt Ion:330 Resp: 649702

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 34.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.559 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129371.D

Acq: 27 Jul 2022 12:01

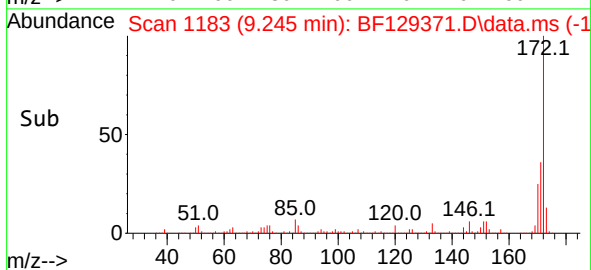
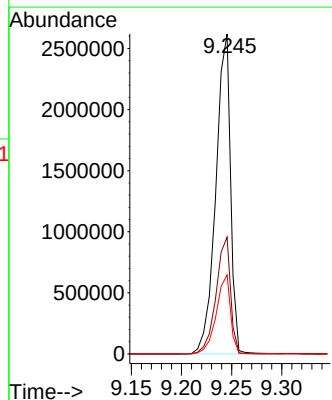
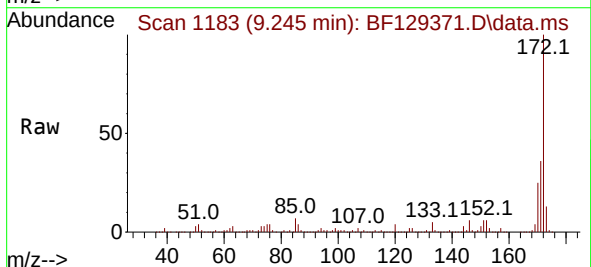
Tgt Ion:172 Resp: 2673344

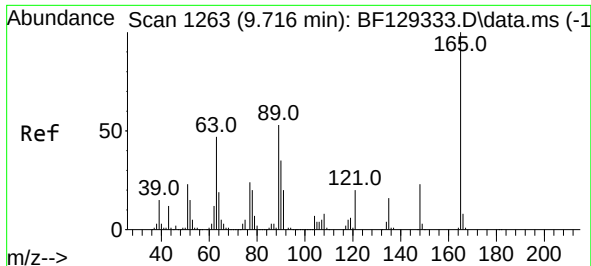
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.585 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129371.D

Acq: 27 Jul 2022 12:01

Instrument :

BNA\_F

ClientSampleId :

MW-14R

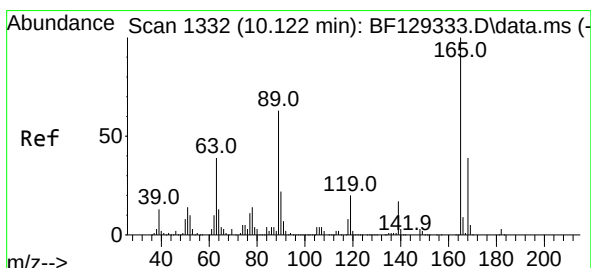
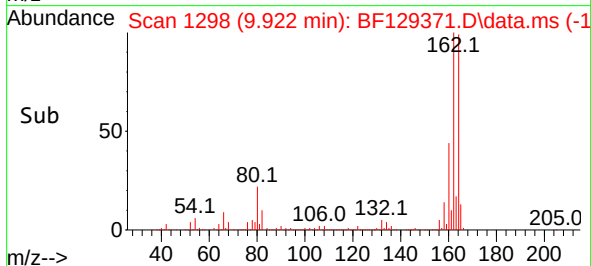
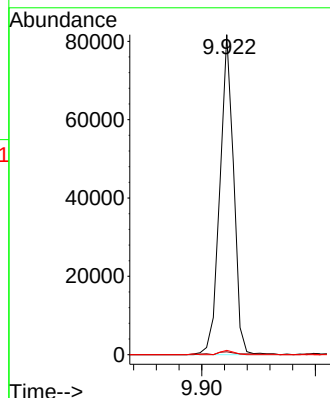
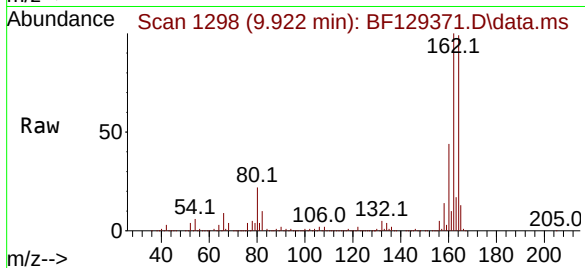
Tgt Ion:165 Resp: 68949

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.572 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129371.D

Acq: 27 Jul 2022 12:01

Tgt Ion:165 Resp: 68949

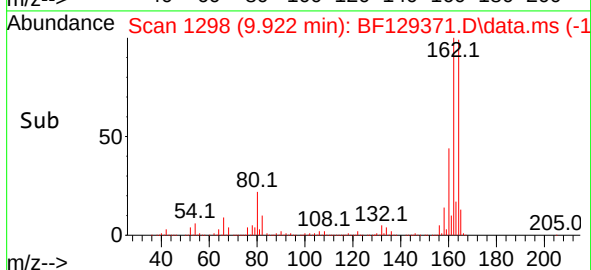
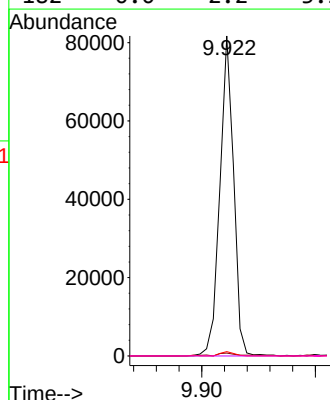
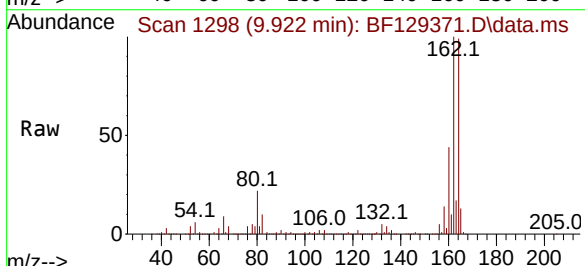
Ion Ratio Lower Upper

165 100

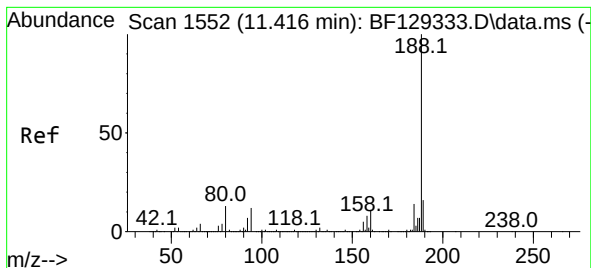
63 0.9 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129371.D

Acq: 27 Jul 2022 12:01

Instrument :

BNA\_F

ClientSampleId :

MW-14R

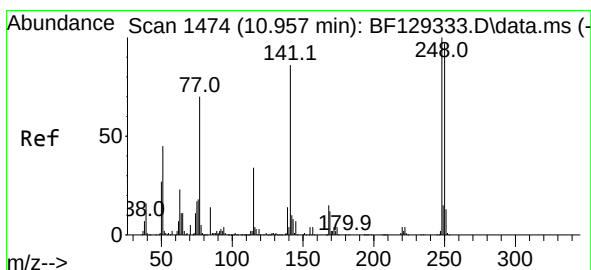
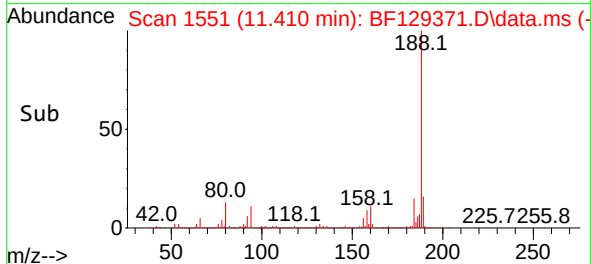
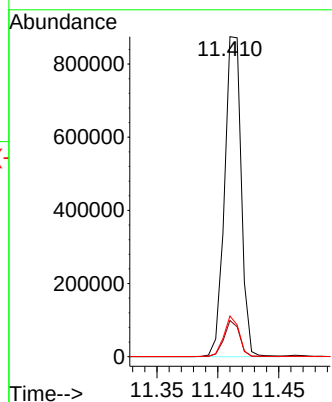
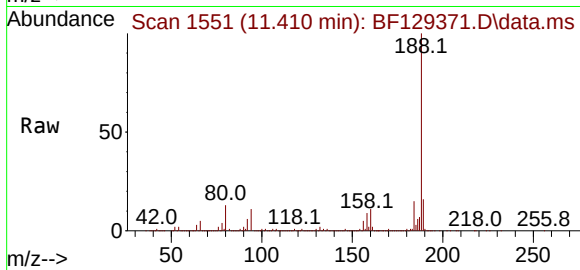
Tgt Ion:188 Resp: 834712

Ion Ratio Lower Upper

188 100

94 11.3 7.0 10.6#

80 12.7 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.390 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF129371.D

Acq: 27 Jul 2022 12:01

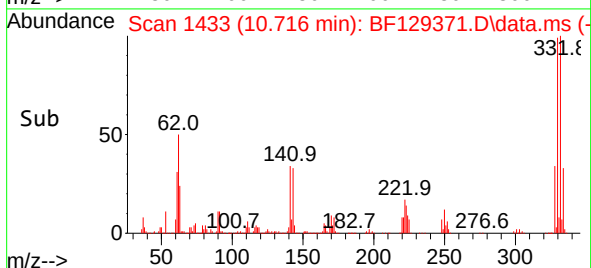
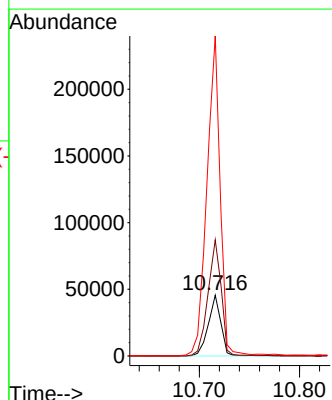
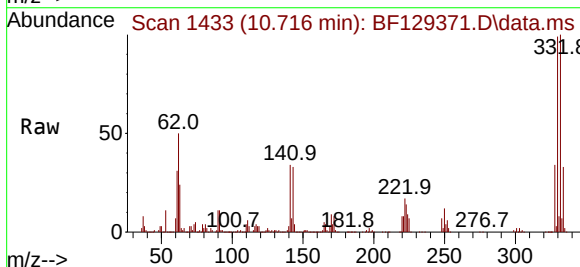
Tgt Ion:248 Resp: 40123

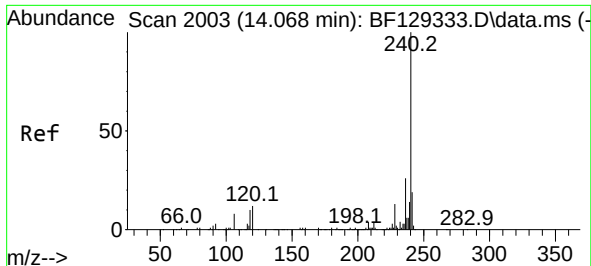
Ion Ratio Lower Upper

248 100

250 190.9 80.6 120.8#

141 525.8 58.9 88.3#

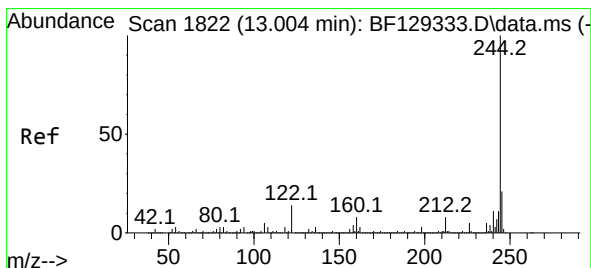
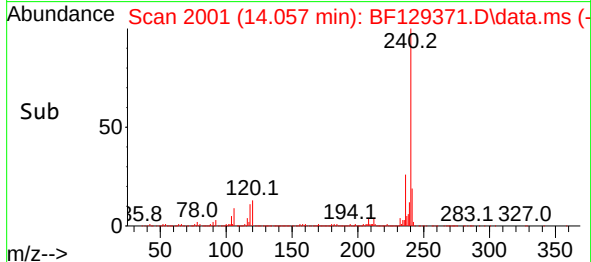
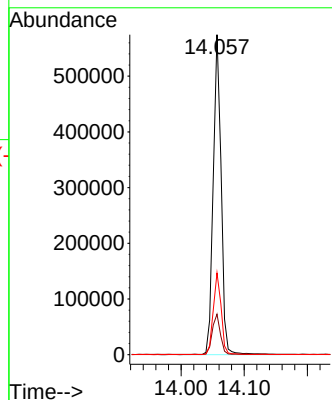
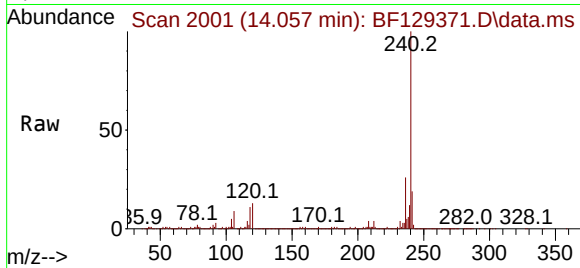




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2003  
Delta R.T. -0.011 min  
Lab File: BF129371.D  
Acq: 27 Jul 2022 12:01

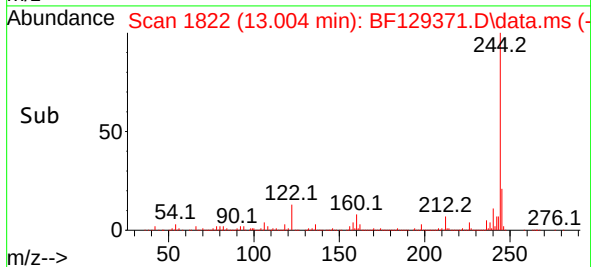
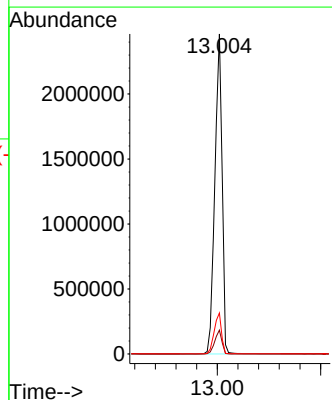
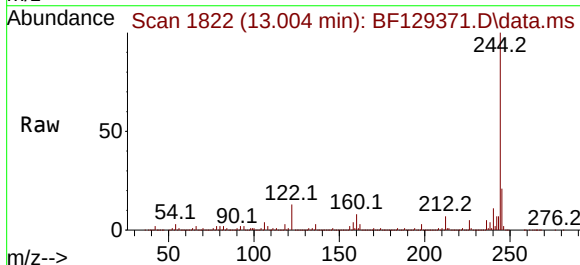
Instrument :  
BNA\_F  
ClientSampleId :  
MW-14R

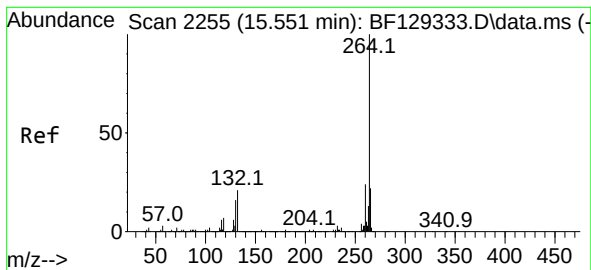
Tgt Ion:240 Resp: 497490  
Ion Ratio Lower Upper  
240 100  
120 12.6 8.9 13.3  
236 25.6 20.8 31.2



#79  
Terphenyl-d14  
Concen: 90.773 ng  
RT: 13.004 min Scan# 1822  
Delta R.T. 0.000 min  
Lab File: BF129371.D  
Acq: 27 Jul 2022 12:01

Tgt Ion:244 Resp: 2393687  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.1 9.1  
122 12.8 8.8 13.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.551 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF129371.D  
 Acq: 27 Jul 2022 12:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-14R

Tgt Ion:264 Resp: 454040  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.4 27.6  
 265 20.7 17.2 25.8

