

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071822\  
 Data File : BF129270.D  
 Acq On : 18 Jul 2022 16:26  
 Operator : CG\JU  
 Sample : PB146277BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146277BL

Quant Time: Jul 19 02:08:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 15 12:55:49 2022  
 Response via : Initial Calibration

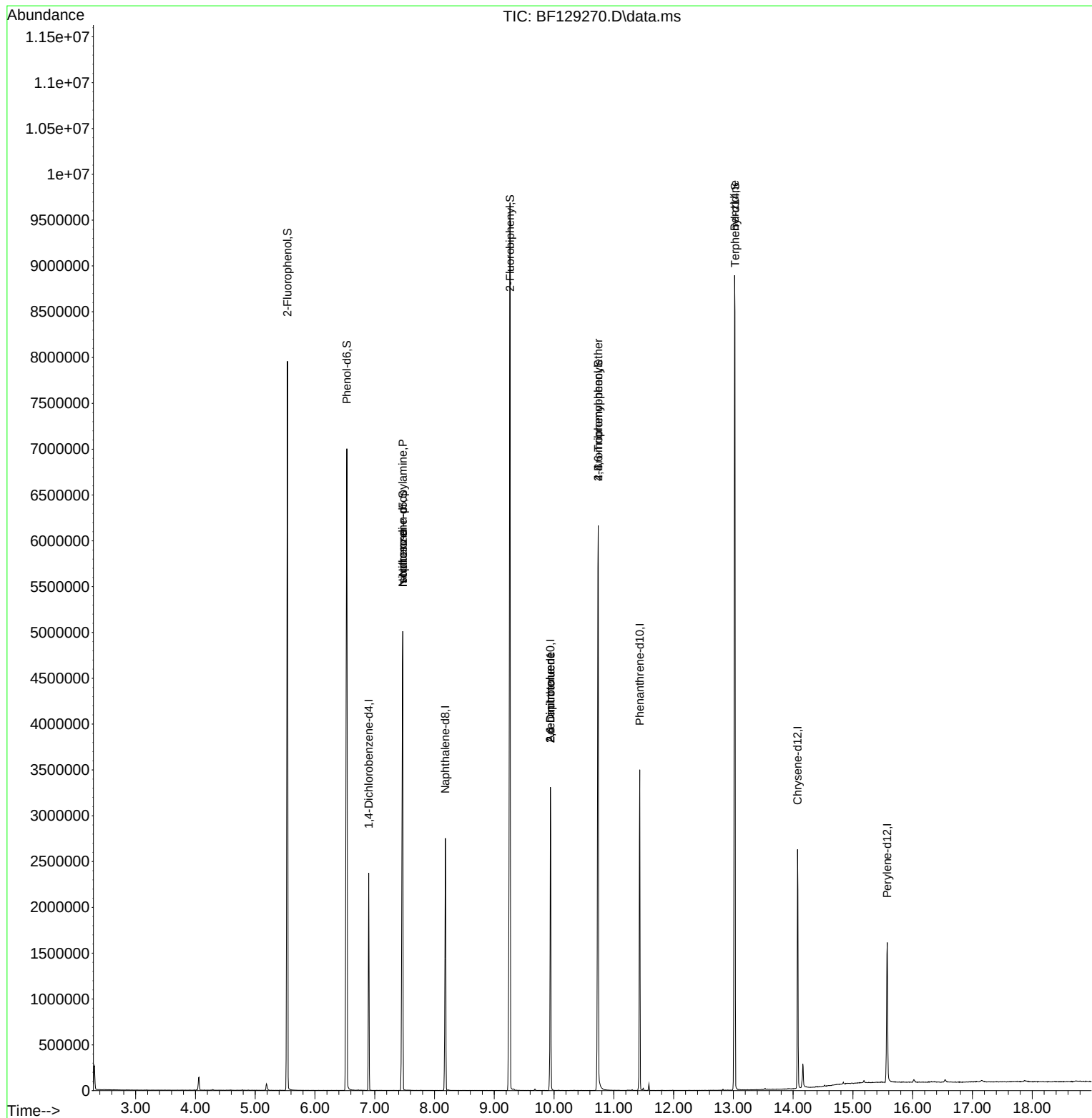
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 324550   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 1340422  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 723975   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.433 | 188  | 1214471  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.074 | 240  | 860622   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.574 | 264  | 711792   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.540  | 112  | 2452325  | 120.675 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.534  | 99   | 3208530  | 122.075 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.469  | 82   | 2087987  | 83.267  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.739 | 330  | 868840   | 129.297 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 3443524  | 80.583  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 3516202  | 76.430  | ng    | 0.01     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.469  | 70   | 283891   | 18.364  | ng    | # 73     |
| 25) Isophorone                | 7.469  | 82   | 2086525  | 49.509  | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.939  | 165  | 94090    | 9.255   | ng    | # 25     |
| 57) 2,4-Dinitrotoluene        | 9.939  | 165  | 94090    | 7.058   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.739 | 248  | 55210    | 4.319   | ng    | # 1      |
| 77) Benzidine                 | 13.022 | 184  | 50683    | 2.104   | ng    | # 94     |
| -----                         |        |      |          |         |       |          |

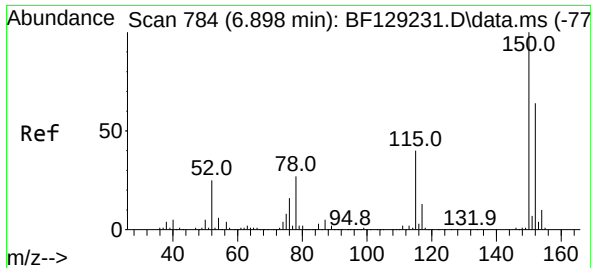
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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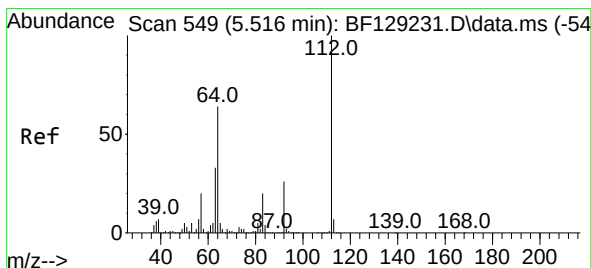
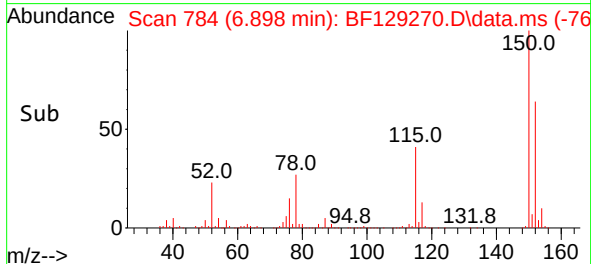
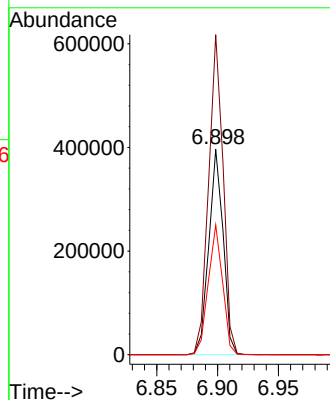
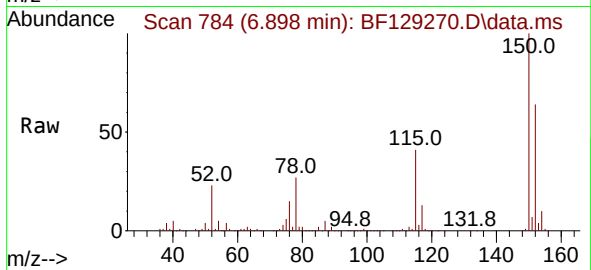




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.898 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BF129270.D  
 Acq: 18 Jul 2022 16:26

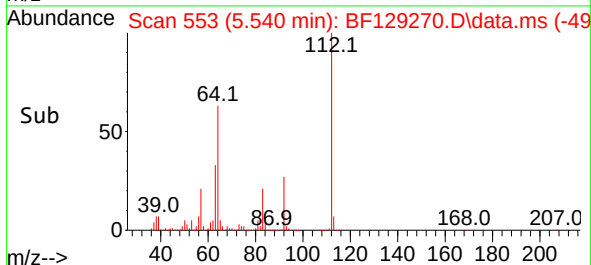
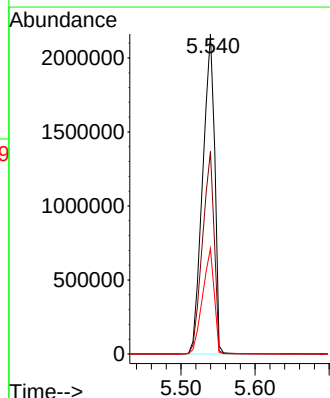
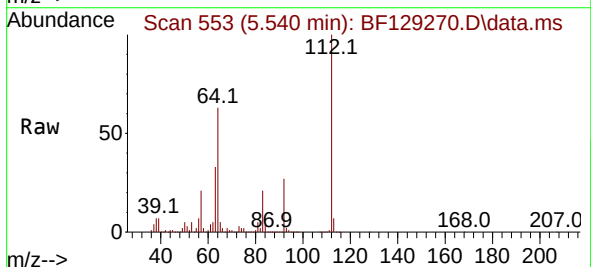
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 ClientSampleId :  
 PB146277BL

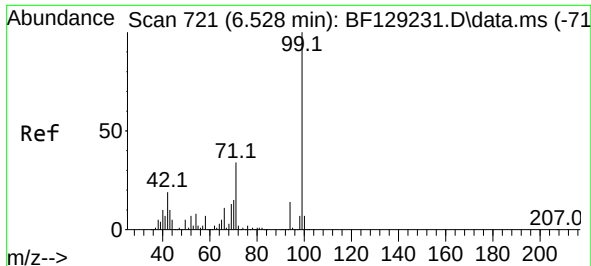
Tgt Ion:152 Resp: 324550  
 Ion Ratio Lower Upper  
 152 100  
 150 155.8 123.7 185.5  
 115 63.2 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 120.675 ng  
 RT: 5.540 min Scan# 553  
 Delta R.T. 0.024 min  
 Lab File: BF129270.D  
 Acq: 18 Jul 2022 16:26

Tgt Ion:112 Resp: 2452325  
 Ion Ratio Lower Upper  
 112 100  
 64 63.3 53.3 79.9  
 63 33.0 28.0 42.0

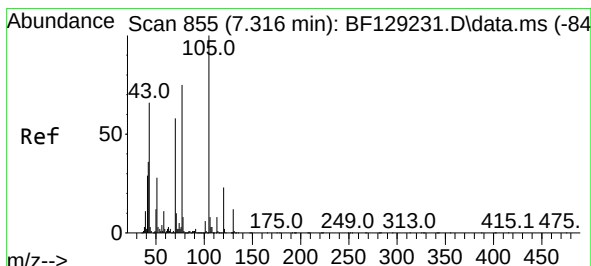
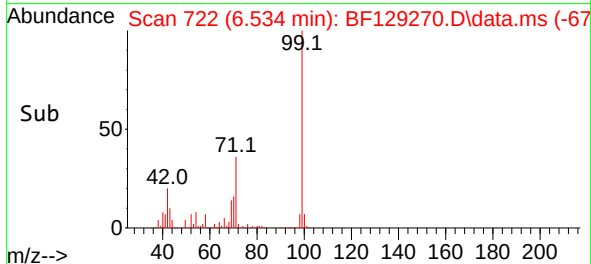
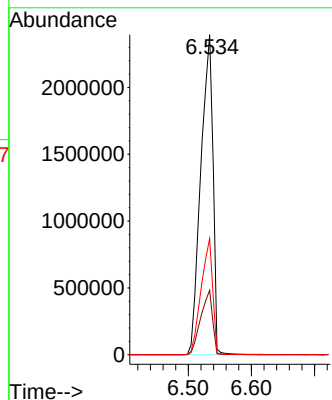
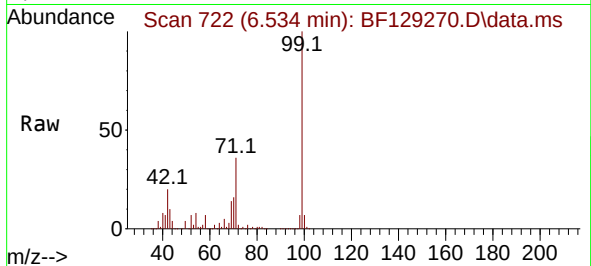




#7  
Phenol-d6  
Concen: 122.075 ng  
RT: 6.534 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

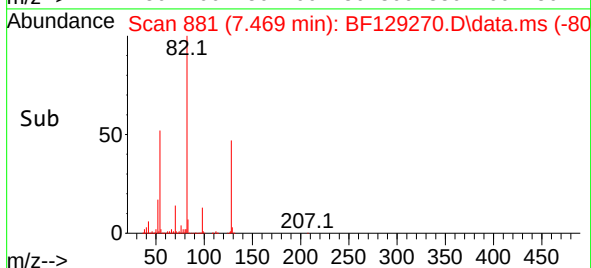
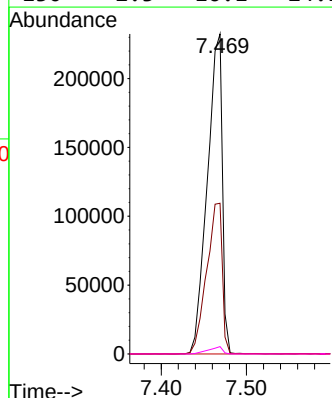
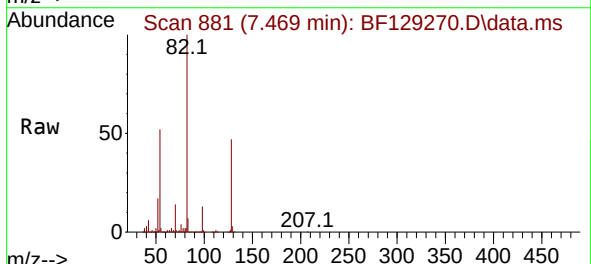
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BNA\_F  
ClientSampleId :  
PB146277BL

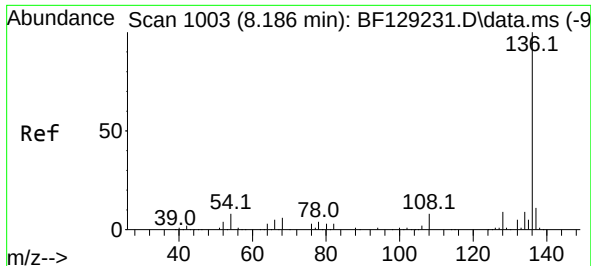
Tgt Ion: 99 Resp: 3208530  
Ion Ratio Lower Upper  
99 100  
42 20.1 17.3 25.9  
71 36.2 28.9 43.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.364 ng  
RT: 7.469 min Scan# 881  
Delta R.T. 0.153 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

Tgt Ion: 70 Resp: 283891  
Ion Ratio Lower Upper  
70 100  
42 47.1 52.3 78.5#  
101 0.0 7.5 11.3#  
130 2.3 16.1 24.1#

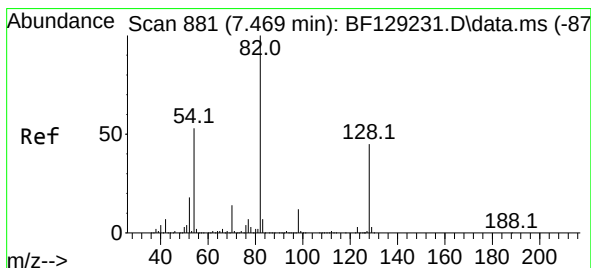
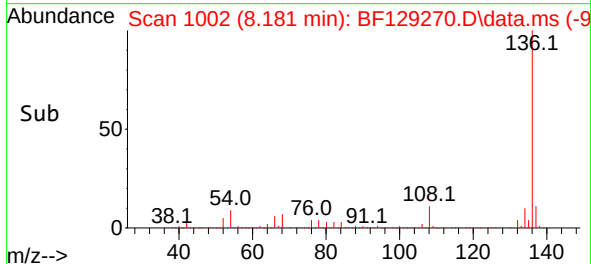
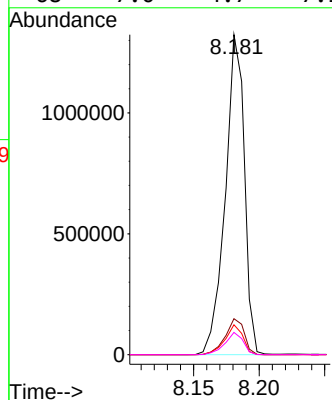
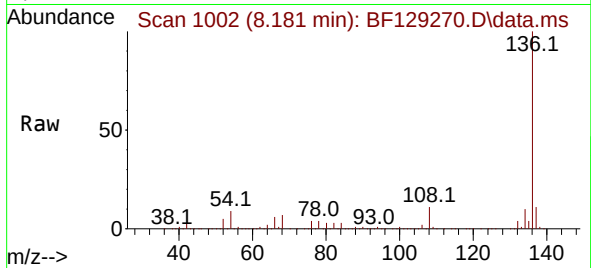




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

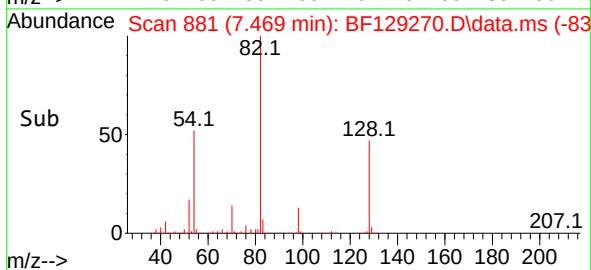
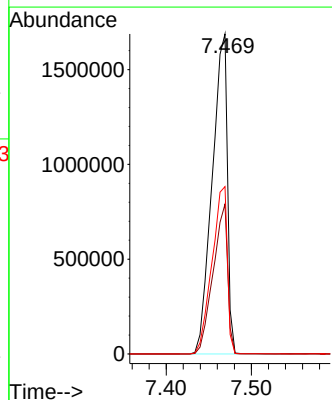
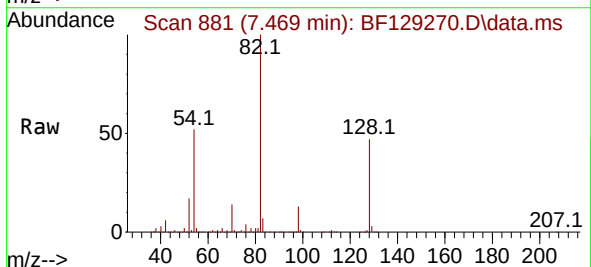
Instrument :  
BNA\_F  
ClientSampleId :  
PB146277BL

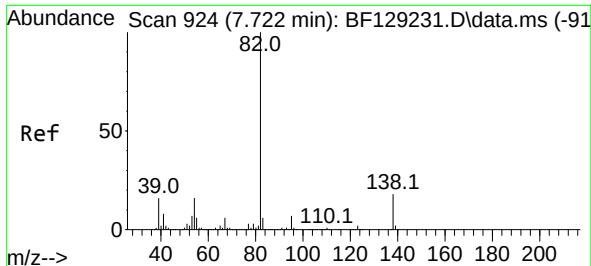
Tgt Ion:136 Resp: 1340422  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 9.4 7.5 11.3  
68 7.0 4.7 7.1



#23  
Nitrobenzene-d5  
Concen: 83.267 ng  
RT: 7.469 min Scan# 881  
Delta R.T. 0.000 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

Tgt Ion: 82 Resp: 2087987  
Ion Ratio Lower Upper  
82 100  
128 46.8 34.0 51.0  
54 52.3 46.9 70.3

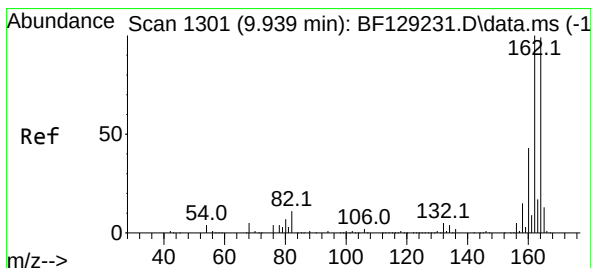
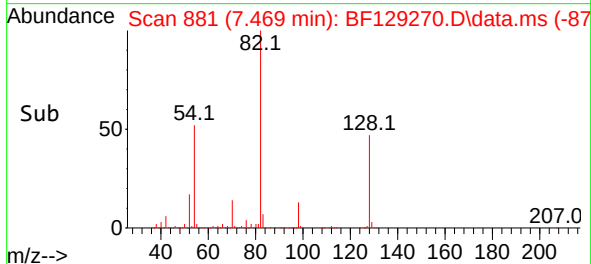
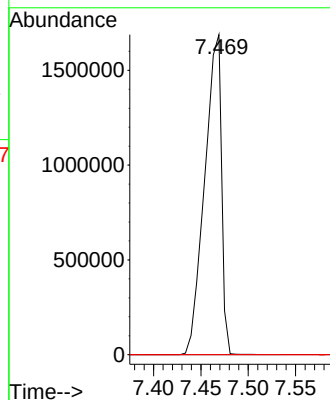
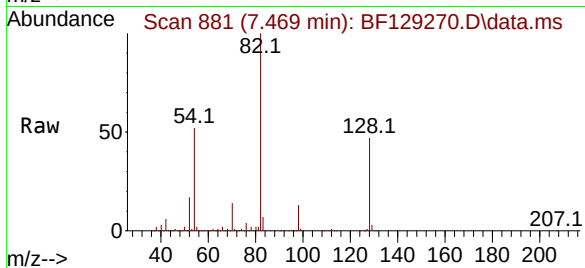




#25  
Isophorone  
Concen: 49.509 ng  
RT: 7.469 min Scan# 81  
Delta R.T. -0.253 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

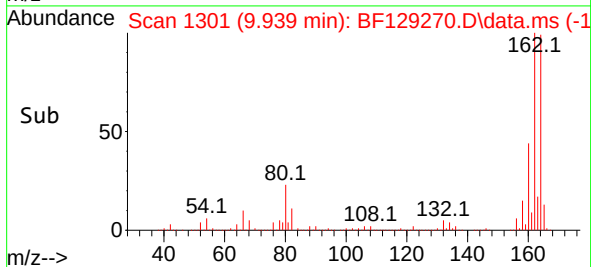
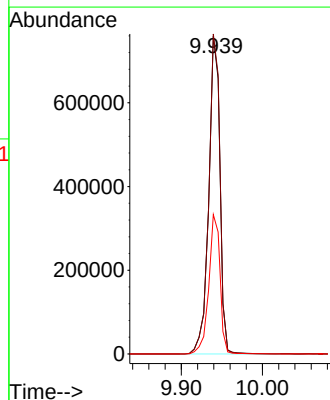
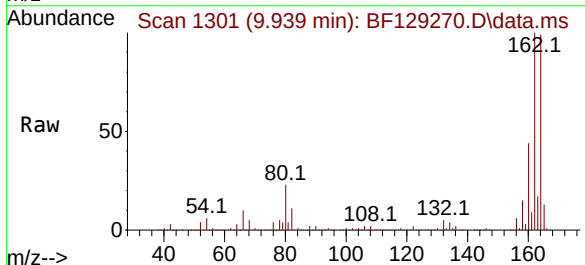
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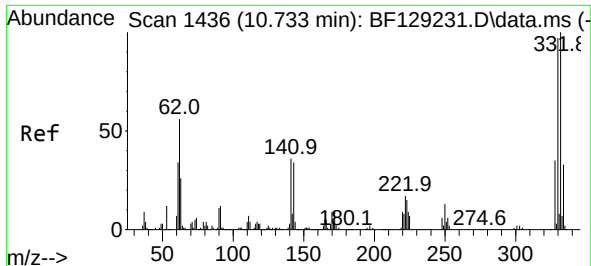
Tgt Ion: 82 Resp: 2086525  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

Tgt Ion:164 Resp: 723975  
Ion Ratio Lower Upper  
164 100  
162 100.7 79.5 119.3  
160 43.8 34.2 51.4

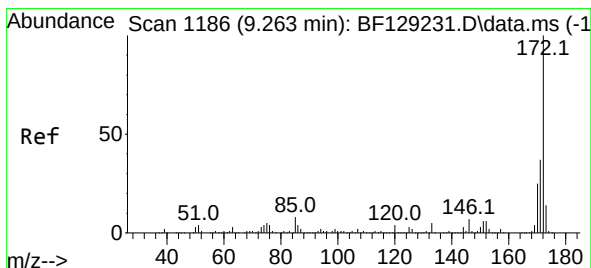
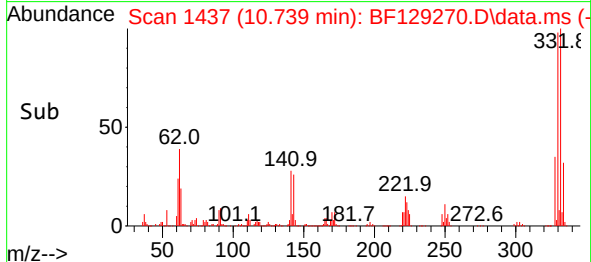
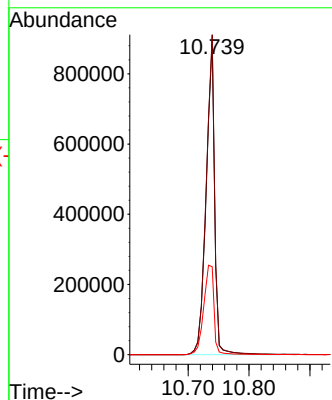
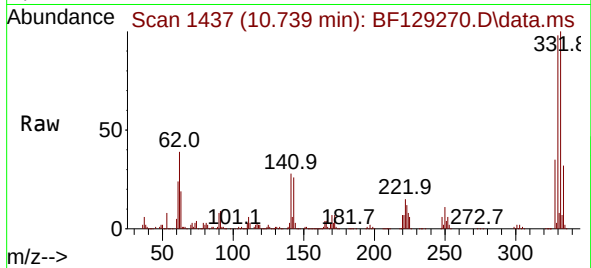




#42  
2,4,6-Tribromophenol  
Concen: 129.297 ng  
RT: 10.739 min Scan# 1436  
Delta R.T. 0.006 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

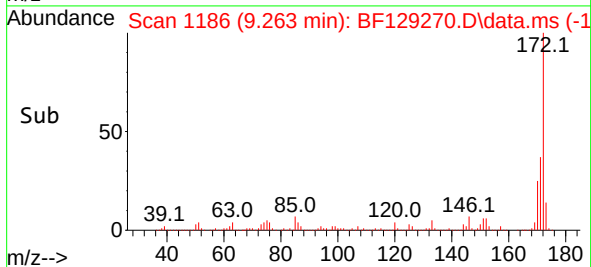
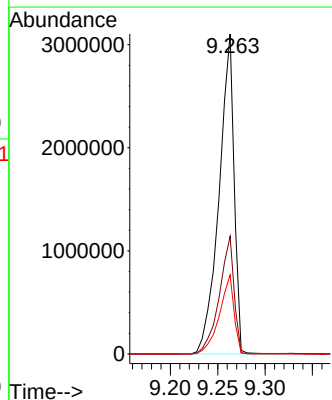
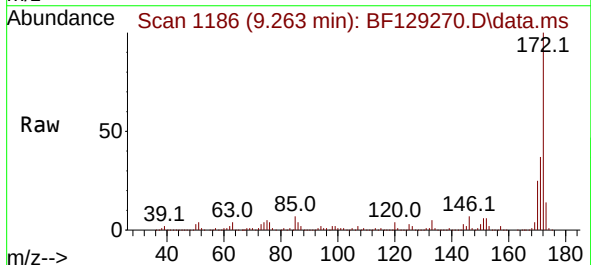
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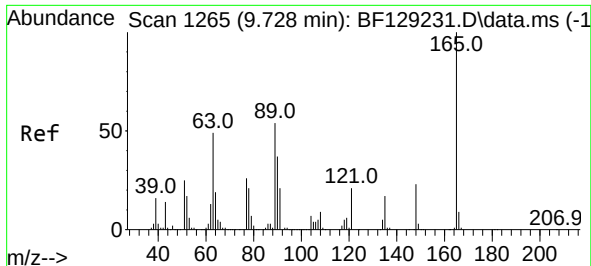
Tgt Ion:330 Resp: 868840  
Ion Ratio Lower Upper  
330 100  
332 101.9 76.8 115.2  
141 34.6 28.0 42.0



#45  
2-Fluorobiphenyl  
Concen: 80.583 ng  
RT: 9.263 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

Tgt Ion:172 Resp: 3443524  
Ion Ratio Lower Upper  
172 100  
171 36.8 28.8 43.2  
170 24.7 19.8 29.8

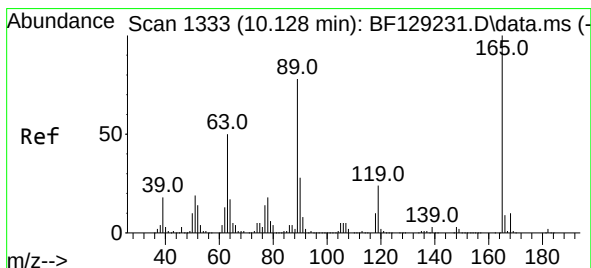
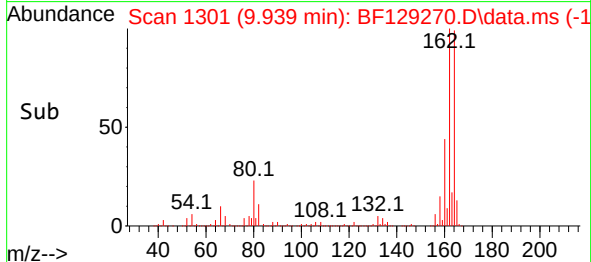
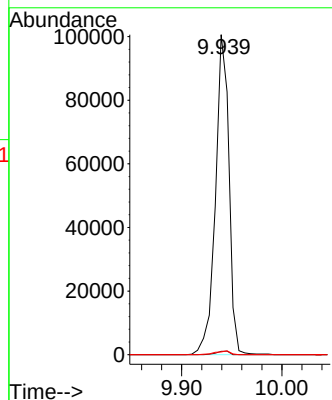
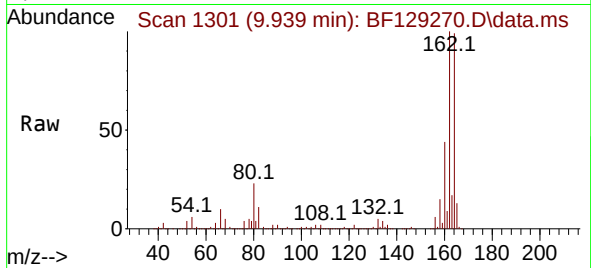




#51  
2,6-Dinitrotoluene  
Concen: 9.255 ng  
RT: 9.939 min Scan# 11  
Delta R.T. 0.212 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

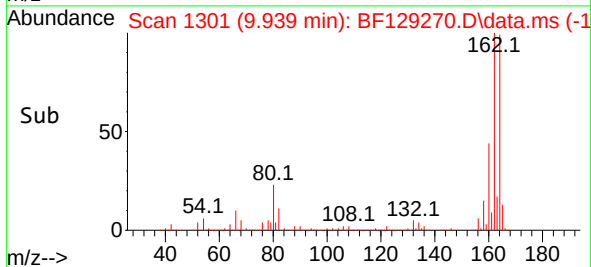
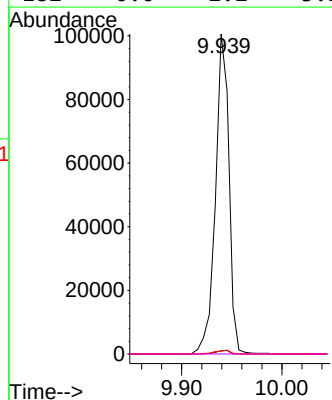
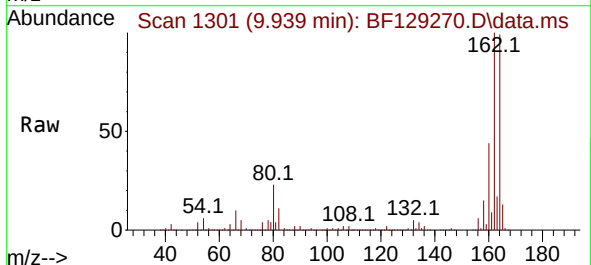
Instrument :  
BNA\_F  
ClientSampleId :  
PB146277BL

Tgt Ion:165 Resp: 94090  
Ion Ratio Lower Upper  
165 100  
63 1.1 44.9 67.3#  
89 0.9 43.6 65.4#

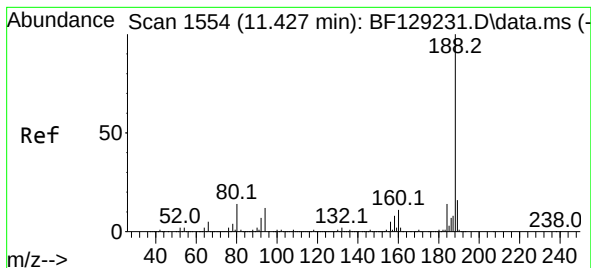


#57  
2,4-Dinitrotoluene  
Concen: 7.058 ng  
RT: 9.939 min Scan# 1301  
Delta R.T. -0.188 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

Tgt Ion:165 Resp: 94090  
Ion Ratio Lower Upper  
165 100  
63 1.1 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: 11.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129270.D

Acq: 18 Jul 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

PB146277BL

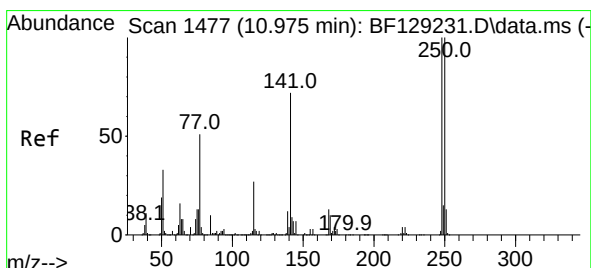
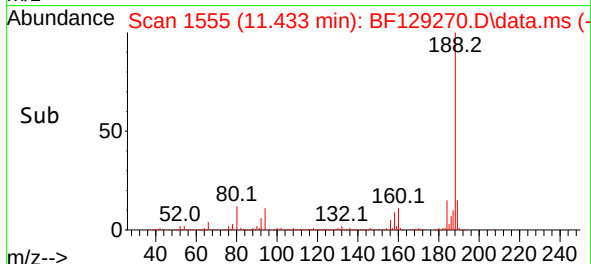
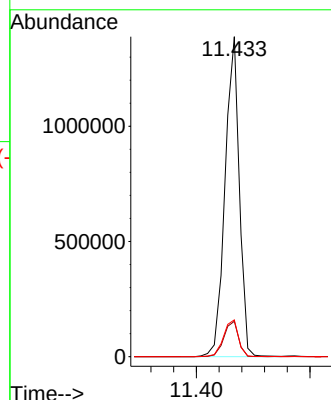
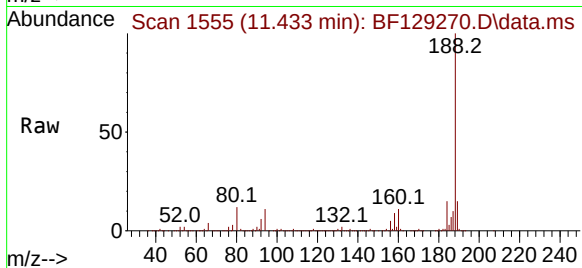
Tgt Ion:188 Resp: 1214471

Ion Ratio Lower Upper

188 100

94 11.0 7.0 10.6#

80 11.5 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.319 ng

RT: 10.739 min Scan# 1437

Delta R.T. -0.235 min

Lab File: BF129270.D

Acq: 18 Jul 2022 16:26

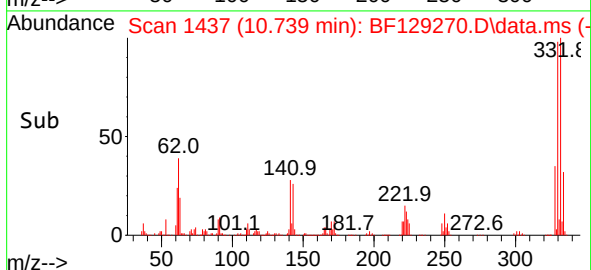
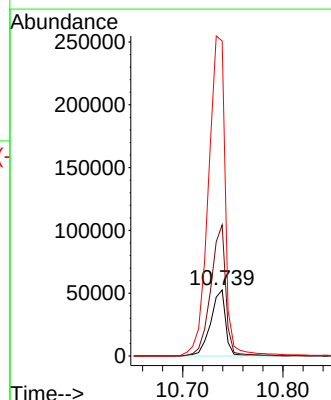
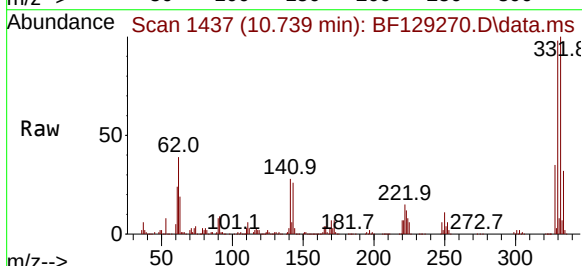
Tgt Ion:248 Resp: 55210

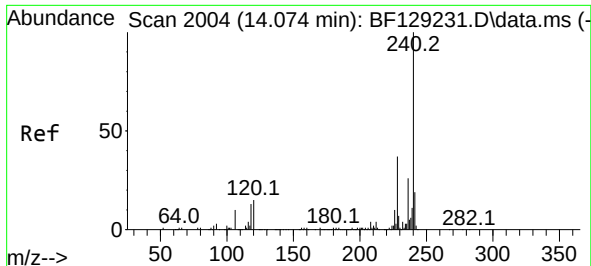
Ion Ratio Lower Upper

248 100

250 198.9 80.6 120.8#

141 478.4 58.9 88.3#

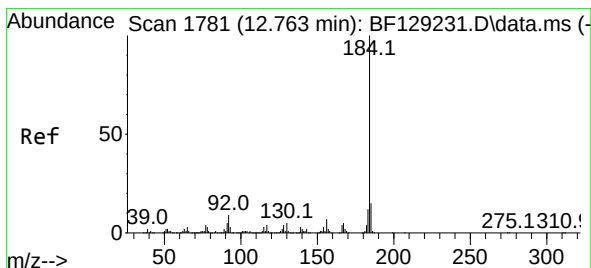
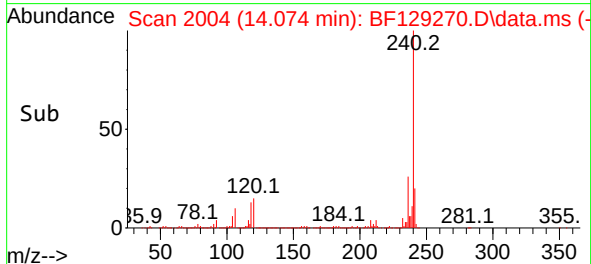
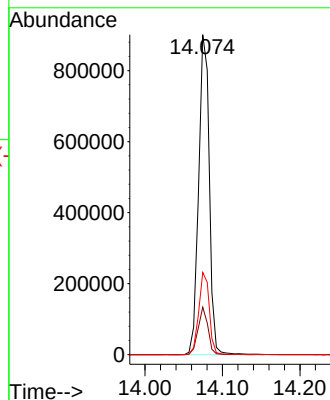
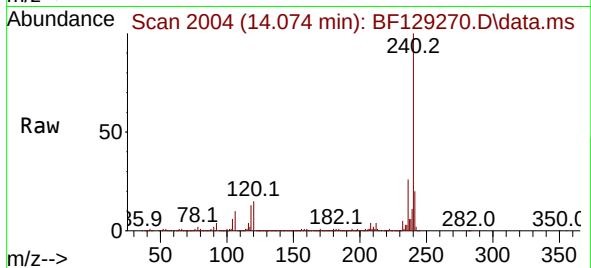




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.074 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

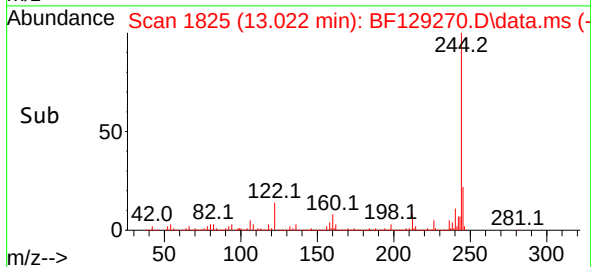
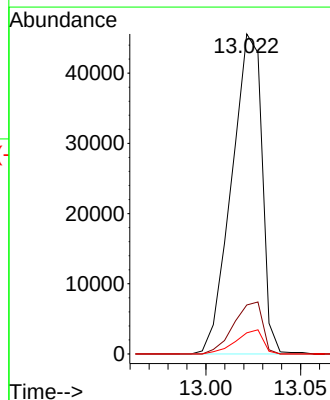
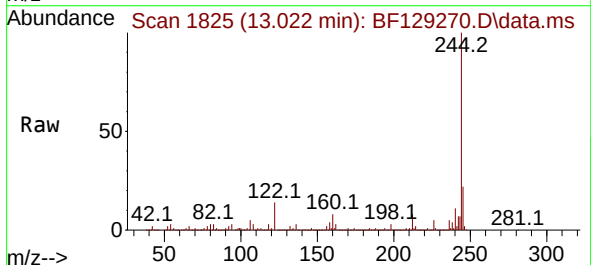
Instrument :  
BNA\_F  
ClientSampleId :  
PB146277BL

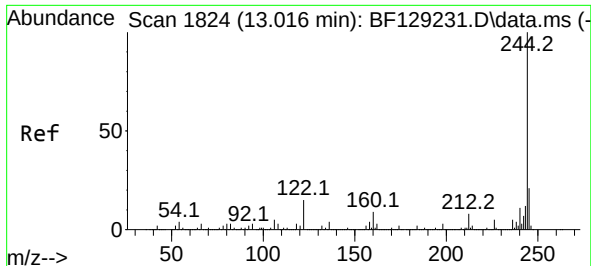
Tgt Ion:240 Resp: 860622  
Ion Ratio Lower Upper  
240 100  
120 14.8 8.9 13.3#  
236 25.7 20.8 31.2



#77  
Benzidine  
Concen: 2.104 ng  
RT: 13.022 min Scan# 1825  
Delta R.T. 0.259 min  
Lab File: BF129270.D  
Acq: 18 Jul 2022 16:26

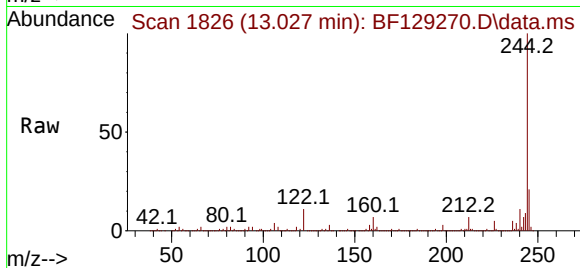
Tgt Ion:184 Resp: 50683  
Ion Ratio Lower Upper  
184 100  
185 15.3 11.9 17.9  
183 6.6 9.3 13.9#



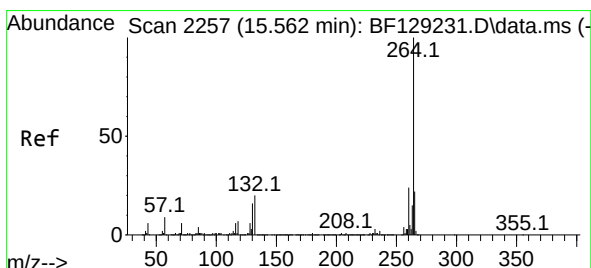
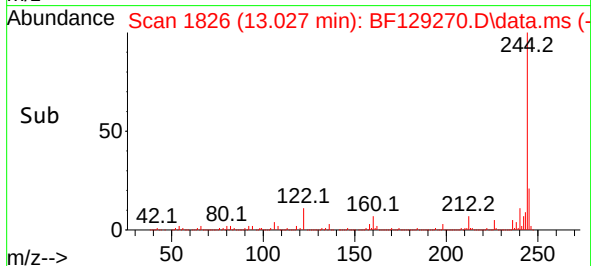
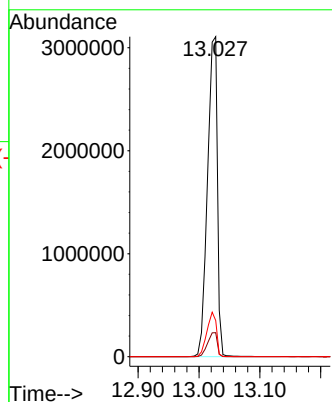


#79  
 Terphenyl-d14  
 Concen: 76.430 ng  
 RT: 13.027 min Scan# 1826  
 Delta R.T. 0.012 min  
 Lab File: BF129270.D  
 Acq: 18 Jul 2022 16:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146277BL



Tgt Ion:244 Resp: 3516202  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.1 9.1  
 122 11.3 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.574 min Scan# 2259  
 Delta R.T. 0.012 min  
 Lab File: BF129270.D  
 Acq: 18 Jul 2022 16:26

Tgt Ion:264 Resp: 711792  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.4 27.6  
 265 21.7 17.2 25.8

