

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062322\  
 Data File : BF128954.D  
 Acq On : 23 Jun 2022 14:59  
 Operator : CG\JU  
 Sample : PB145641BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145641BL

Quant Time: Jun 24 04:30:01 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 00:50:48 2022  
 Response via : Initial Calibration

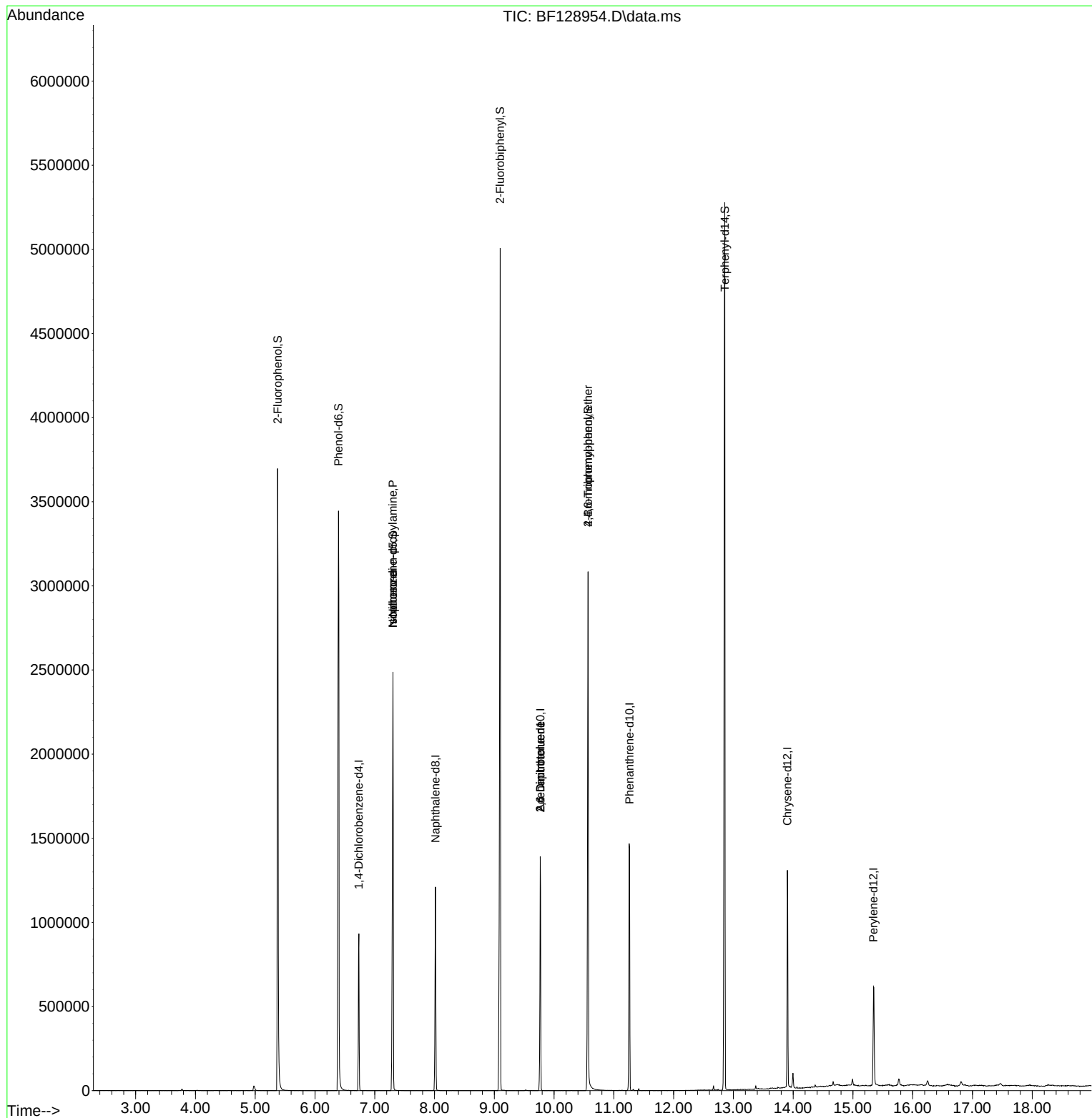
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.733  | 152  | 128777   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.016  | 136  | 506212   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.769  | 164  | 298646   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.263 | 188  | 576486   | 20.000  | ng    | # 0.01   |
| 76) Chrysene-d12              | 13.904 | 240  | 440560   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.345 | 264  | 266810   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.375  | 112  | 956339   | 118.289 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.392  | 99   | 1225413  | 124.170 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.304  | 82   | 900600   | 82.832  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.569 | 330  | 394360   | 111.759 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 1663099  | 78.008  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.857 | 244  | 2057098  | 81.135  | ng    | 0.02     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 128122   | 20.880  | ng    | # 77     |
| 25) Isophorone                | 7.304  | 82   | 879283   | 53.248  | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.769  | 165  | 38184    | 9.464   | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.769  | 165  | 38184    | 7.092   | ng    | # 22     |
| 67) 4-Bromophenyl-phenylether | 10.569 | 248  | 24924    | 3.877   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

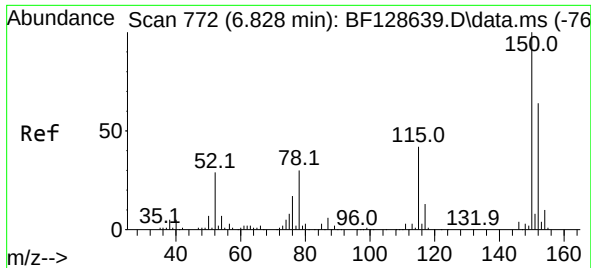
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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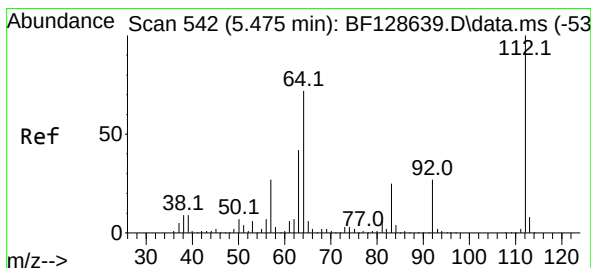
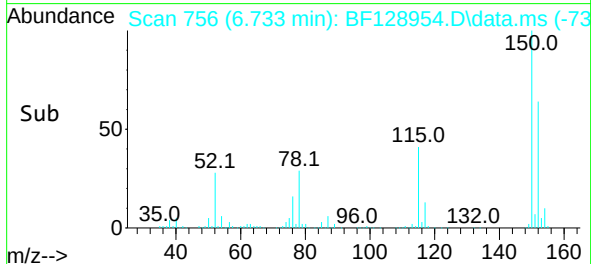
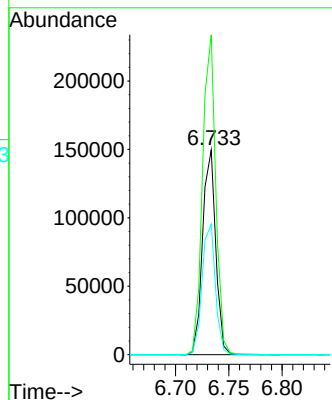
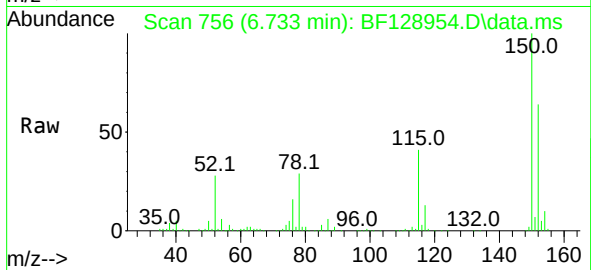




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.733 min Scan# 71  
Delta R.T. 0.005 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

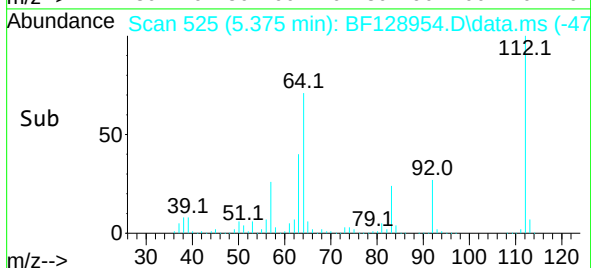
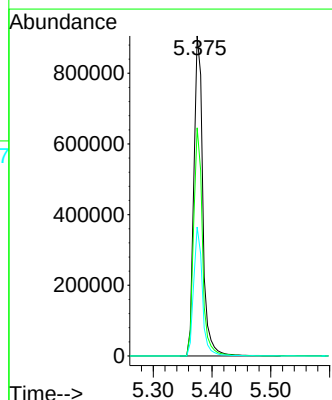
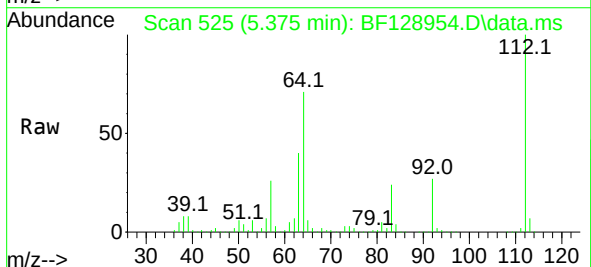
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BNA\_F  
ClientSampleId :  
PB145641BL

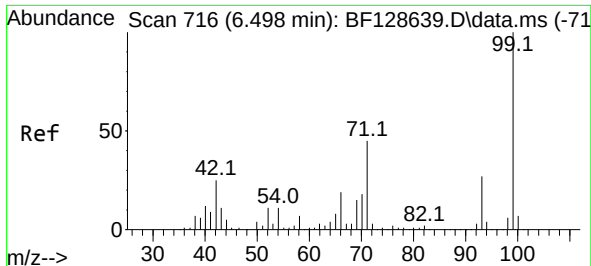
Tgt Ion:152 Resp: 128777  
Ion Ratio Lower Upper  
152 100  
150 156.2 123.7 185.5  
115 63.7 49.9 74.9



#5  
2-Fluorophenol  
Concen: 118.289 ng  
RT: 5.375 min Scan# 525  
Delta R.T. 0.017 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

Tgt Ion:112 Resp: 956339  
Ion Ratio Lower Upper  
112 100  
64 71.3 53.3 79.9  
63 40.3 28.0 42.0

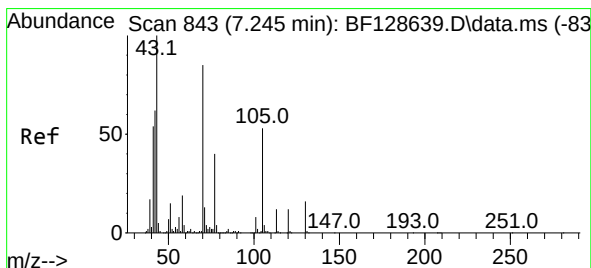
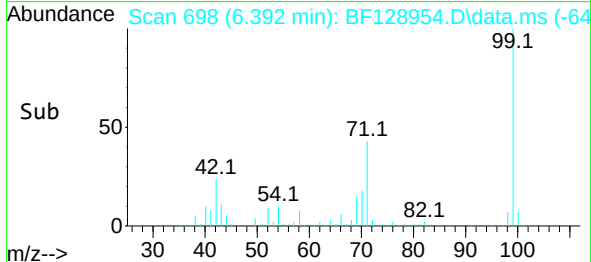
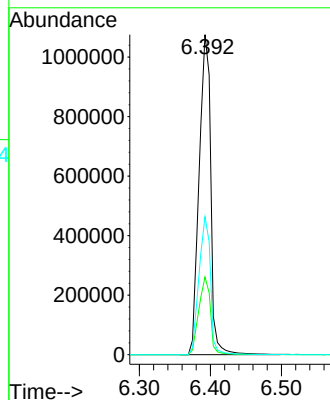
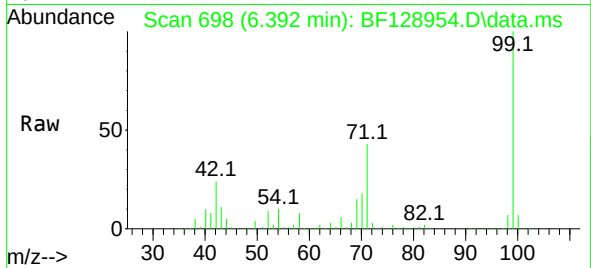




#7  
Phenol-d6  
Concen: 124.170 ng  
RT: 6.392 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

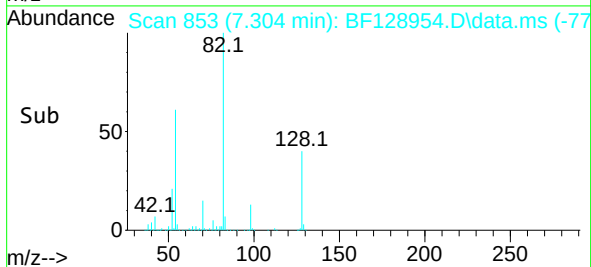
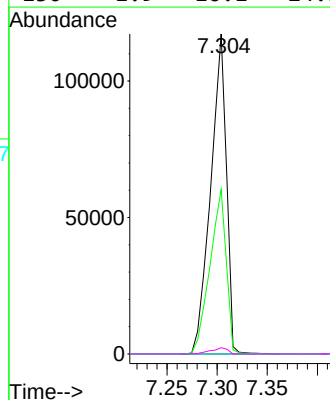
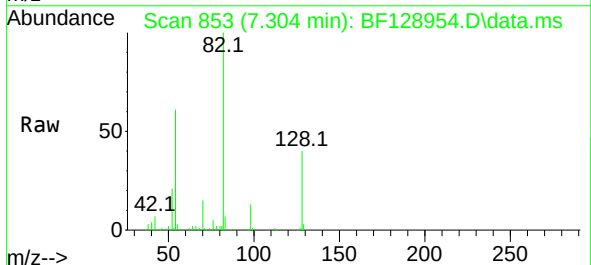
Instrument :  
BNA\_F  
ClientSampleId :  
PB145641BL

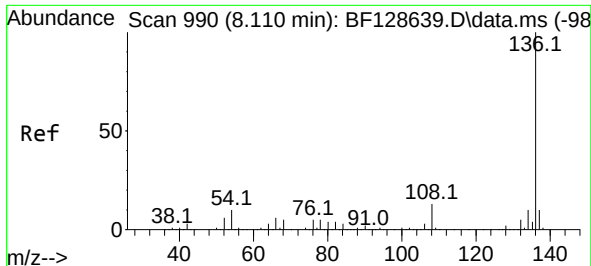
Tgt Ion: 99 Resp: 1225413  
Ion Ratio Lower Upper  
99 100  
42 24.3 17.3 25.9  
71 43.1 28.9 43.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.880 ng  
RT: 7.304 min Scan# 853  
Delta R.T. 0.153 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

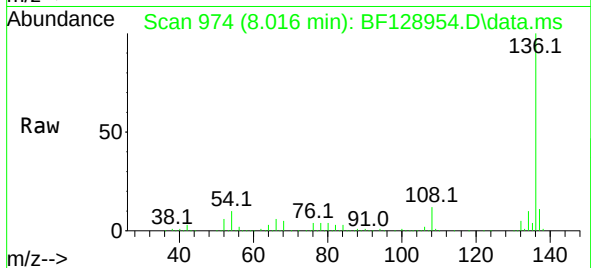
Tgt Ion: 70 Resp: 128122  
Ion Ratio Lower Upper  
70 100  
42 51.4 52.3 78.5#  
101 0.0 7.5 11.3#  
130 1.9 16.1 24.1#



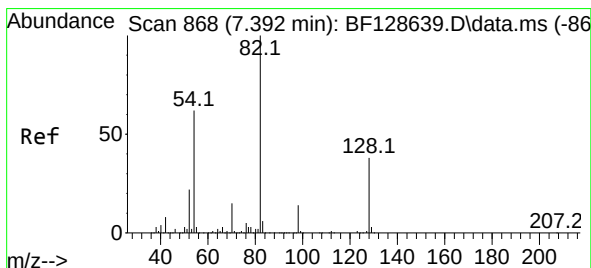
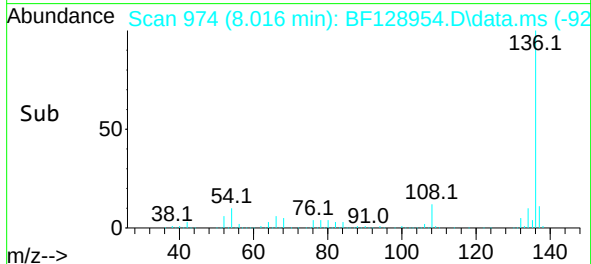
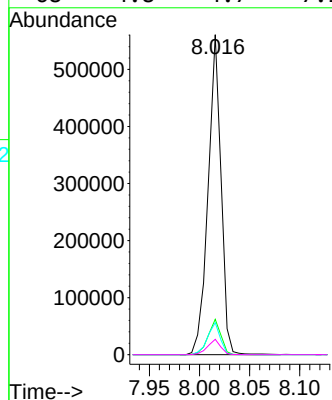


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB145641BL

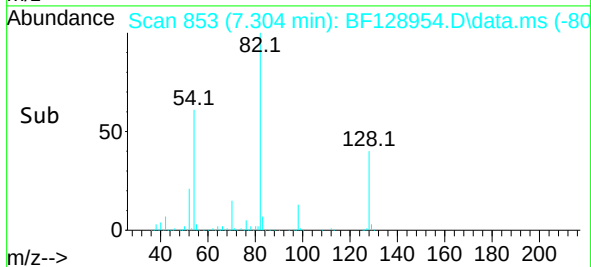
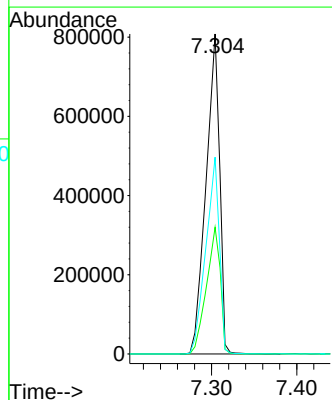
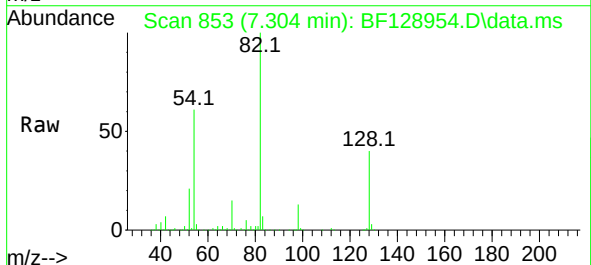


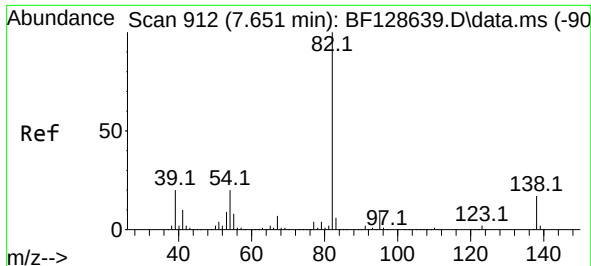
Tgt Ion:136 Resp: 506212  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 10.0 7.5 11.3  
68 4.8 4.7 7.1



#23  
Nitrobenzene-d5  
Concen: 82.832 ng  
RT: 7.304 min Scan# 853  
Delta R.T. -0.000 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

Tgt Ion: 82 Resp: 900600  
Ion Ratio Lower Upper  
82 100  
128 39.6 34.0 51.0  
54 61.5 46.9 70.3

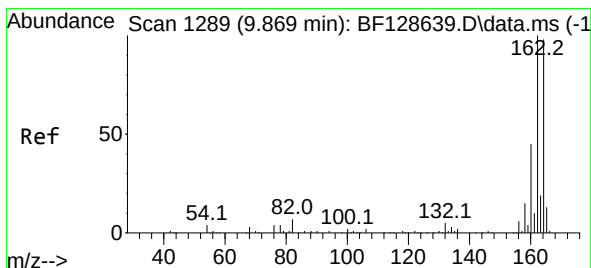
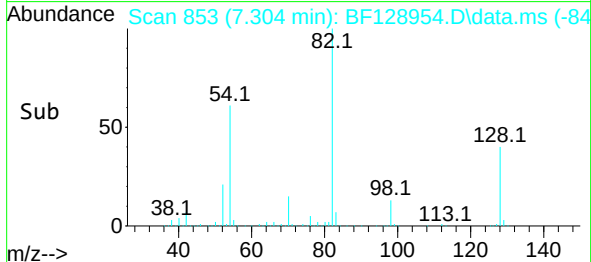
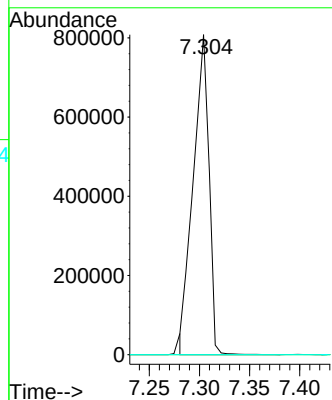
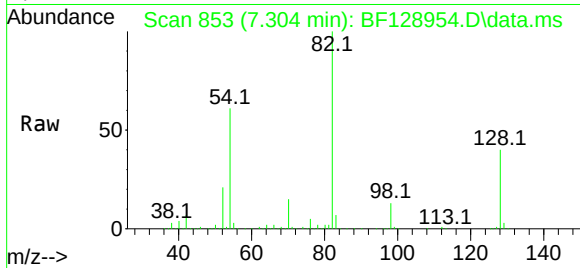




#25  
Isophorone  
Concen: 53.248 ng  
RT: 7.304 min Scan# 81  
Delta R.T. -0.259 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

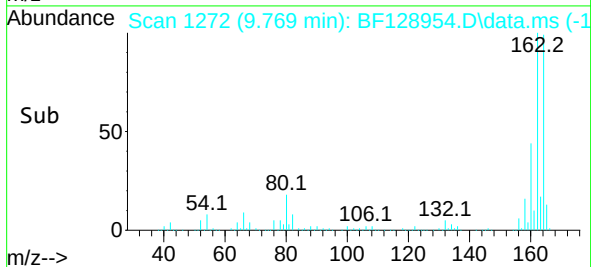
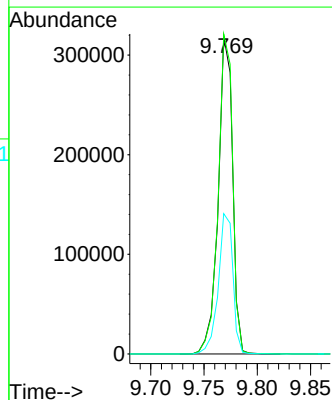
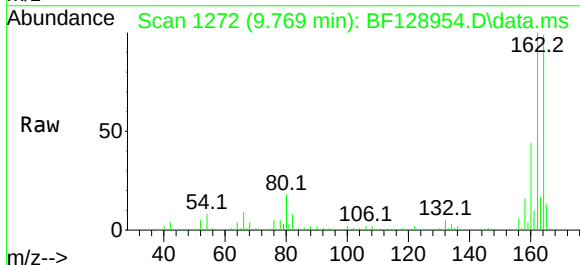
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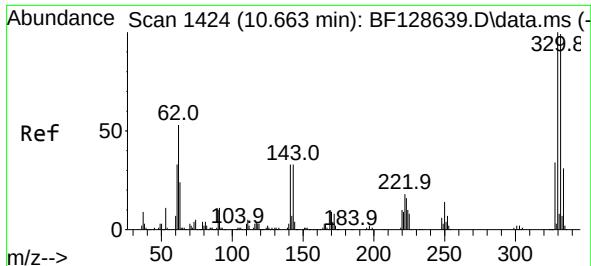
Tgt Ion: 82 Resp: 879283  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.769 min Scan# 1272  
Delta R.T. -0.000 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

Tgt Ion:164 Resp: 298646  
Ion Ratio Lower Upper  
164 100  
162 100.7 79.5 119.3  
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 111.759 ng

RT: 10.569 min Scan# 1424

Delta R.T. 0.006 min

Lab File: BF128954.D

Acq: 23 Jun 2022 14:59

Instrument :

BNA\_F

ClientSampleId :

PB145641BL

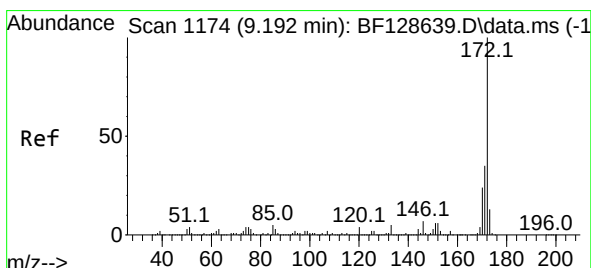
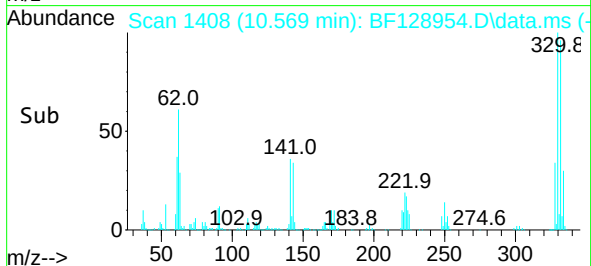
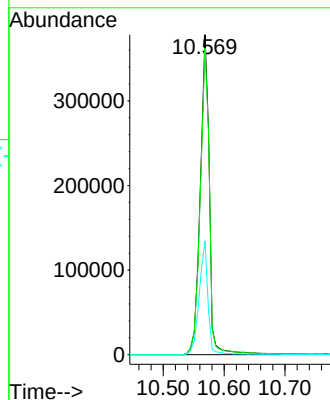
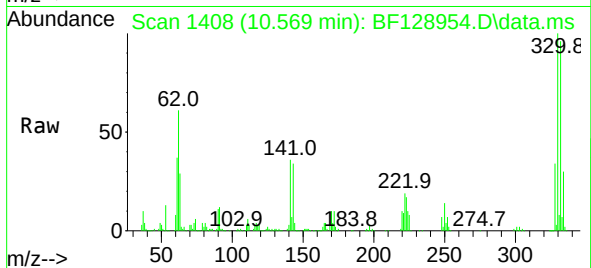
Tgt Ion:330 Resp: 394360

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 34.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.008 ng

RT: 9.098 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF128954.D

Acq: 23 Jun 2022 14:59

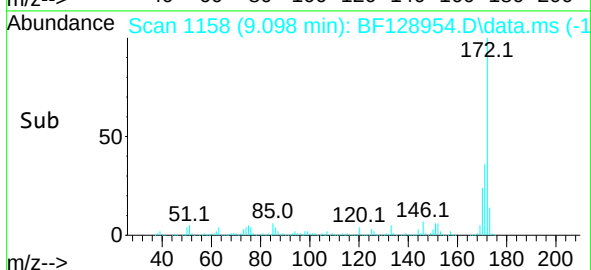
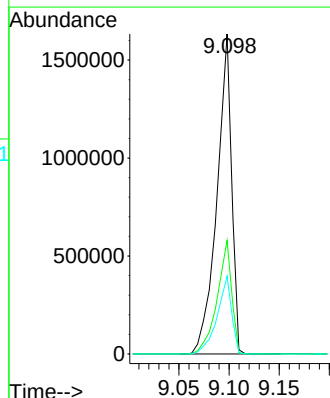
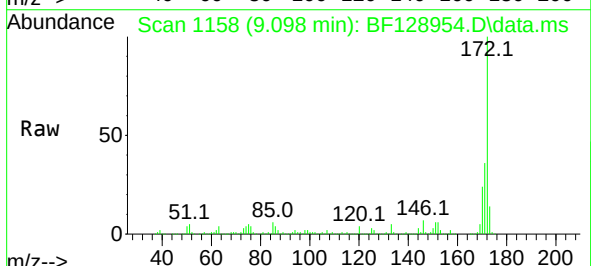
Tgt Ion:172 Resp: 1663099

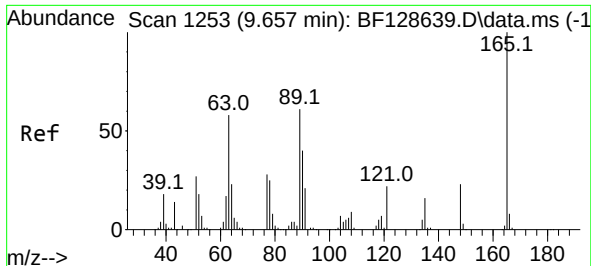
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.3 19.8 29.8

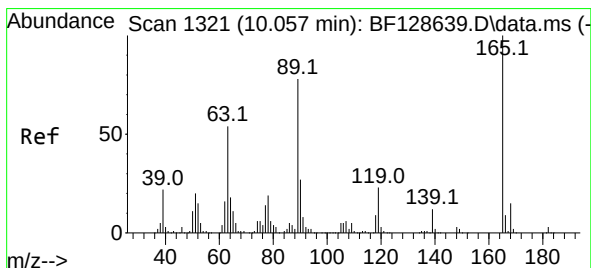
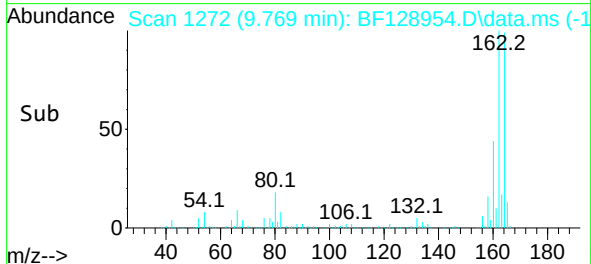
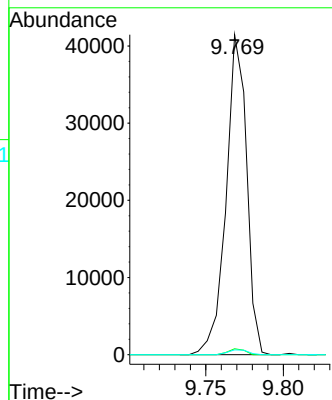
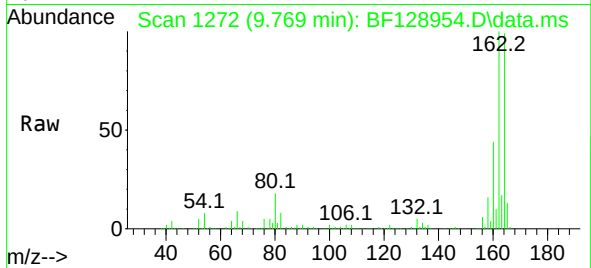




#51  
2,6-Dinitrotoluene  
Concen: 9.464 ng  
RT: 9.769 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

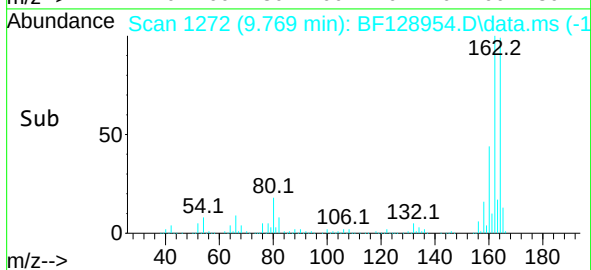
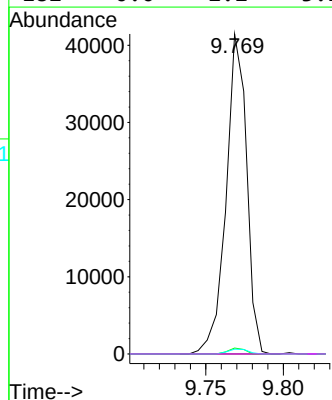
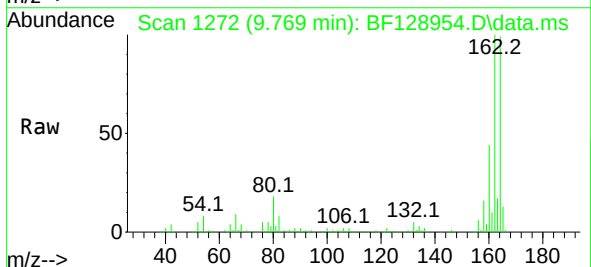
Instrument :  
BNA\_F  
ClientSampleId :  
PB145641BL

Tgt Ion:165 Resp: 38184  
Ion Ratio Lower Upper  
165 100  
63 1.9 44.9 67.3#  
89 1.5 43.6 65.4#

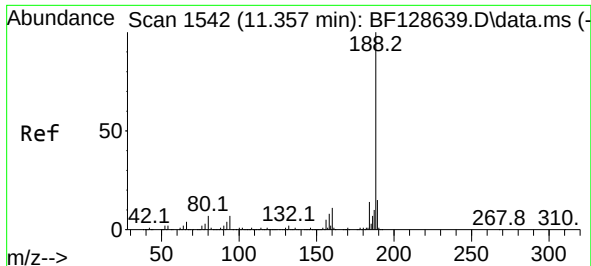


#57  
2,4-Dinitrotoluene  
Concen: 7.092 ng  
RT: 9.769 min Scan# 1272  
Delta R.T. -0.200 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

Tgt Ion:165 Resp: 38184  
Ion Ratio Lower Upper  
165 100  
63 1.9 39.8 59.6#  
89 1.5 60.2 90.2#  
182 0.0 2.2 3.2#



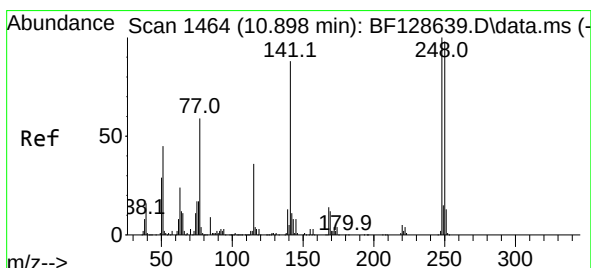
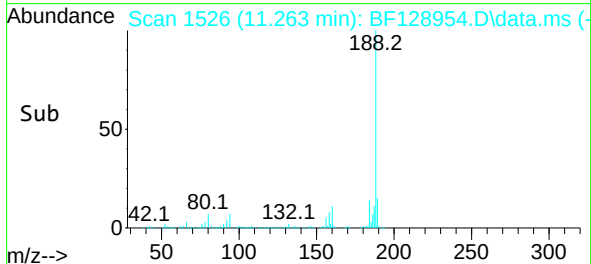
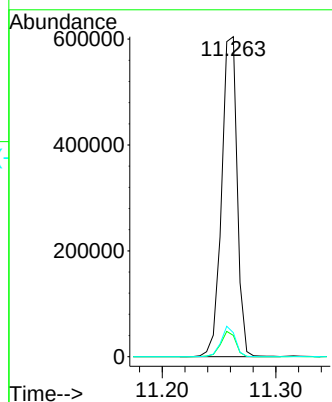
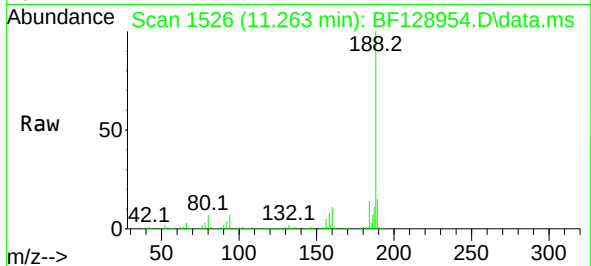




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.263 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

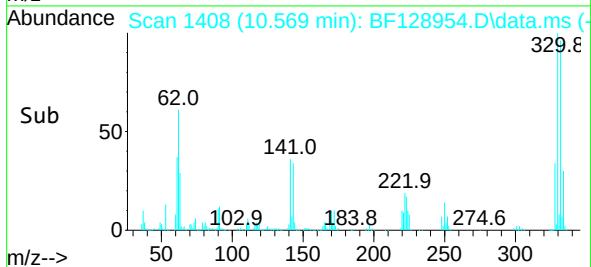
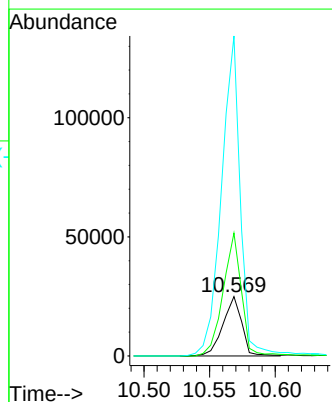
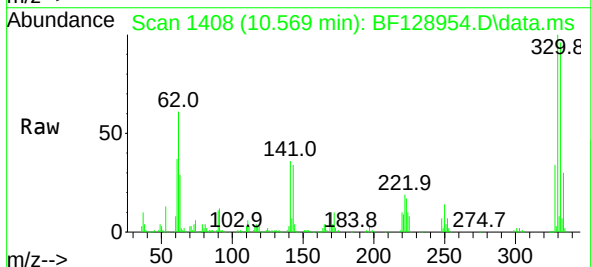
Instrument :  
BNA\_F  
ClientSampleId :  
PB145641BL

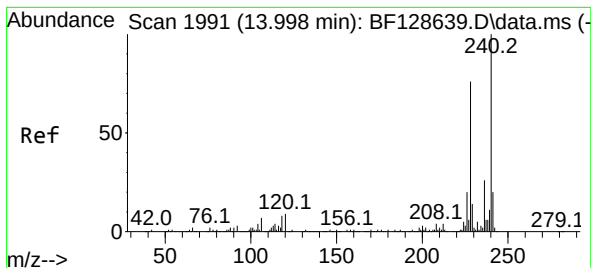
Tgt Ion:188 Resp: 576486  
Ion Ratio Lower Upper  
188 100  
94 6.7 7.0 10.6#  
80 7.5 7.6 11.4#



#67  
4-Bromophenyl-phenylether  
Concen: 3.877 ng  
RT: 10.569 min Scan# 1408  
Delta R.T. -0.230 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

Tgt Ion:248 Resp: 24924  
Ion Ratio Lower Upper  
248 100  
250 207.4 80.6 120.8#  
141 539.6 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.904 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BF128954.D

Acq: 23 Jun 2022 14:59

Instrument :

BNA\_F

ClientSampleId :

PB145641BL

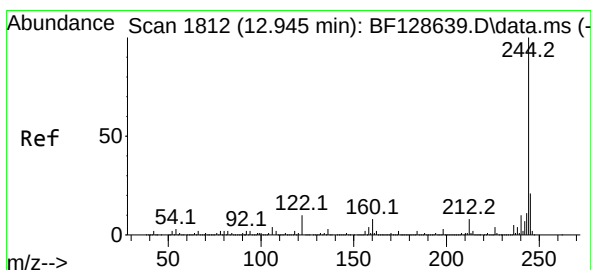
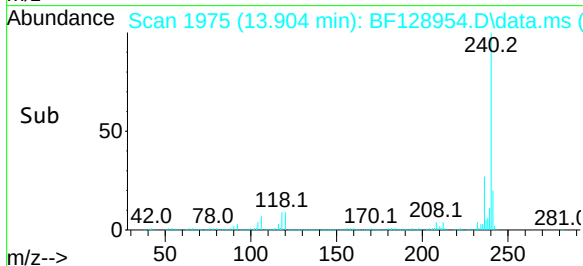
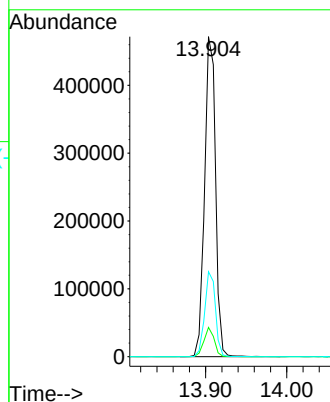
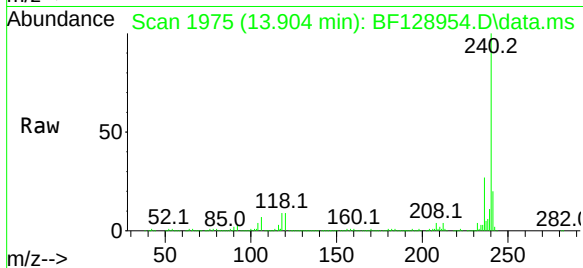
Tgt Ion:240 Resp: 440560

Ion Ratio Lower Upper

240 100

120 9.1 8.9 13.3

236 26.5 20.8 31.2



#79

Terphenyl-d14

Concen: 81.135 ng

RT: 12.857 min Scan# 1797

Delta R.T. 0.017 min

Lab File: BF128954.D

Acq: 23 Jun 2022 14:59

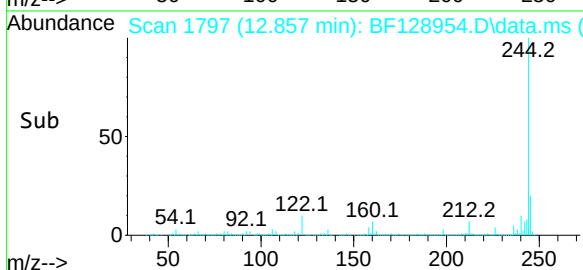
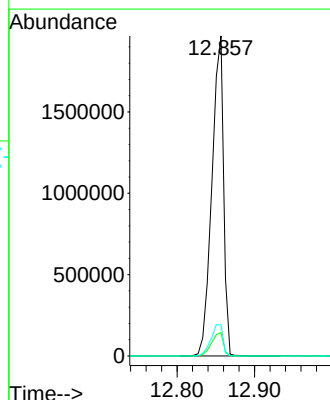
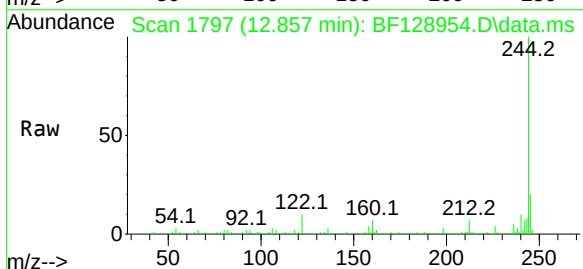
Tgt Ion:244 Resp: 2057098

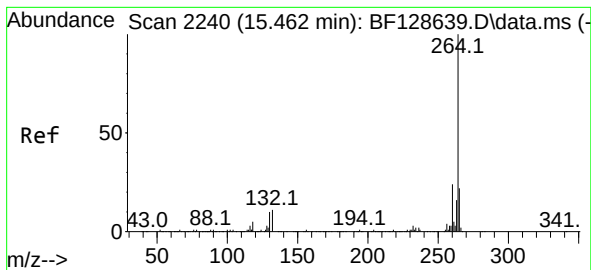
Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

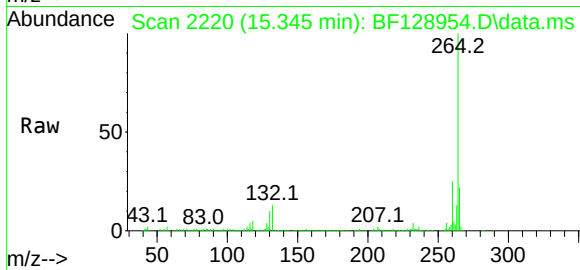
122 9.7 8.8 13.2





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.345 min Scan# 21  
Delta R.T. 0.017 min  
Lab File: BF128954.D  
Acq: 23 Jun 2022 14:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB145641BL



Tgt Ion:264 Resp: 266810  
Ion Ratio Lower Upper  
264 100  
260 25.0 18.4 27.6  
265 22.4 17.2 25.8

