

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010422\  
 Data File : BF126482.D  
 Acq On : 4 Jan 2022 22:41  
 Operator : JU/CG  
 Sample : M5338-06  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 05 02:02:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 01:57:07 2022  
 Response via : Initial Calibration

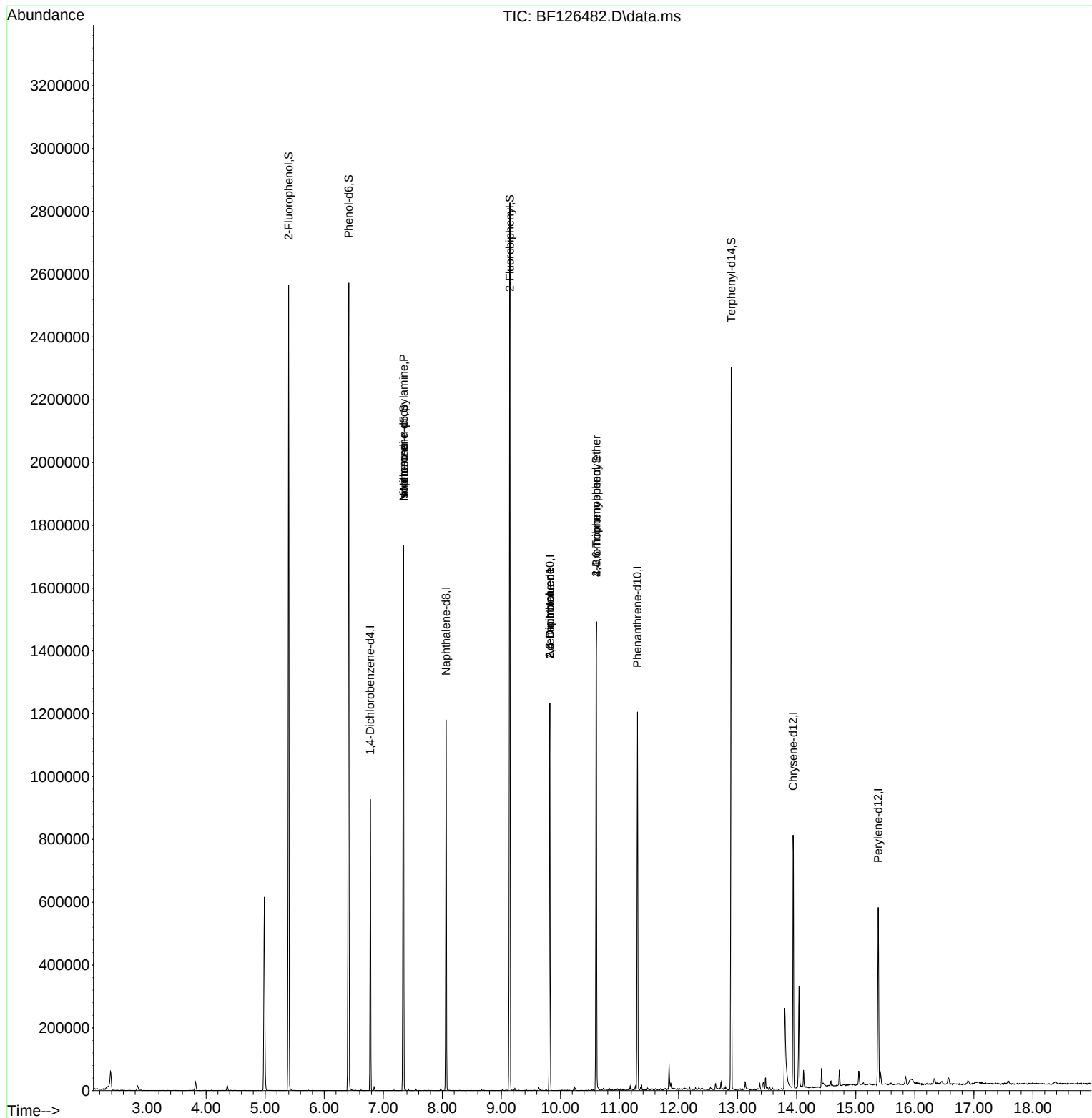
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 125844   | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 526843   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 249924   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.304 | 188  | 398972   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 13.939 | 240  | 271452   | 20.000    | ng     | -0.01    |
| 86) Perylene-d12              | 15.380 | 264  | 223367   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 742145   | 84.689    | ng     | 0.00     |
| 7) Phenol-d6                  | 6.416  | 99   | 948869   | 83.600    | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 618505   | 60.280    | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 182180   | 94.331    | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 899477   | 63.333    | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.892 | 244  | 802815   | 57.462    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 77369    | 11.946    | ng     | # 79     |
| 25) Isophorone                | 7.345  | 82   | 618357   | 33.665    | ng     | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.822  | 165  | 32051    | 9.512     | ng     | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.822  | 165  | 32051    | 7.373     | ng     | # 15     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 10009    | 2.826     | ng     | # 1      |
| 77) Benzidine                 | 12.892 | 184  | 10129    | Below Cal |        | # 93     |
| -----                         |        |      |          |           |        |          |

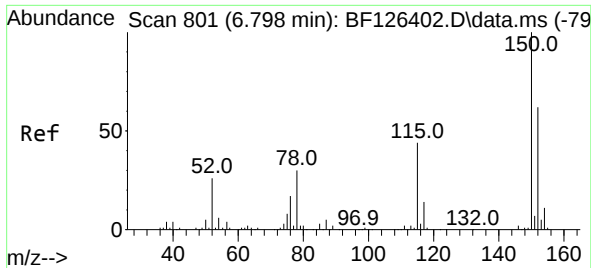
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010422\  
Data File : BF126482.D  
Acq On : 4 Jan 2022 22:41  
Operator : JU/CG  
Sample : M5338-06  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

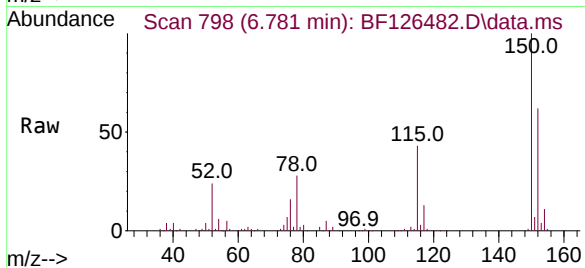
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 05 01:57:07 2022  
Response via : Initial Calibration



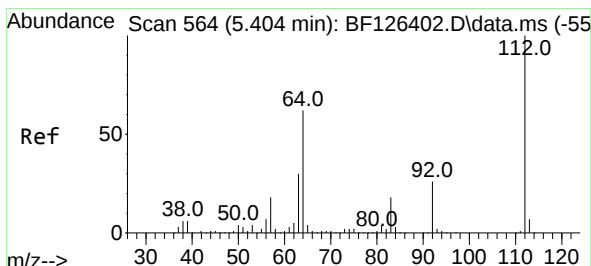
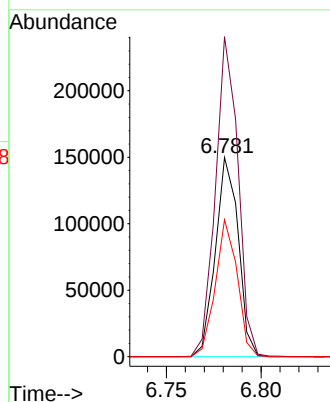
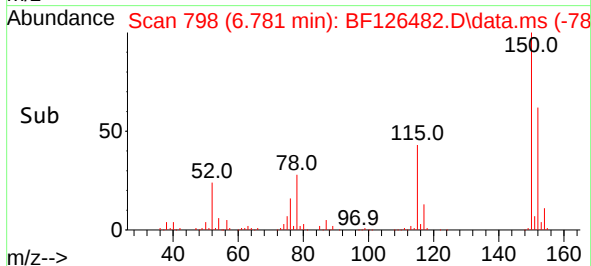


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41

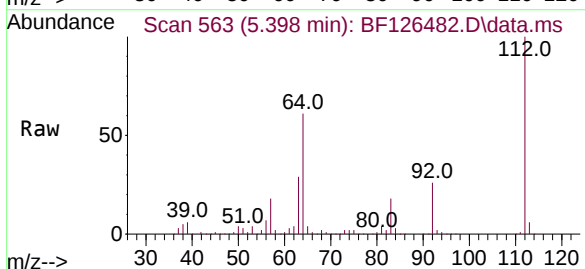
Instrument :  
BNA\_F  
ClientSampleId :



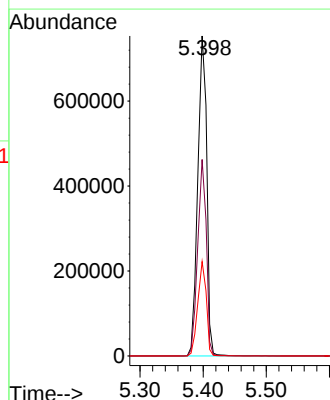
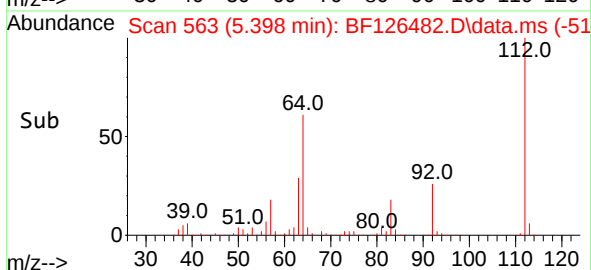
Tgt Ion:152 Resp: 125844  
Ion Ratio Lower Upper  
152 100  
150 160.6 128.1 192.1  
115 68.7 56.7 85.1

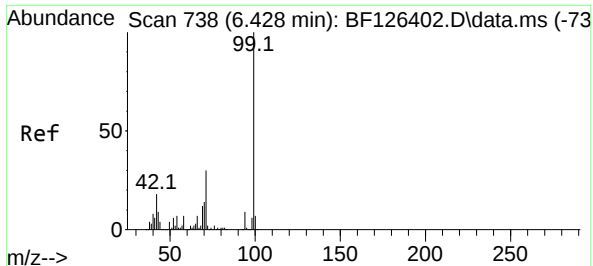


#5  
2-Fluorophenol  
Concen: 84.689 ng  
RT: 5.398 min Scan# 563  
Delta R.T. 0.006 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41



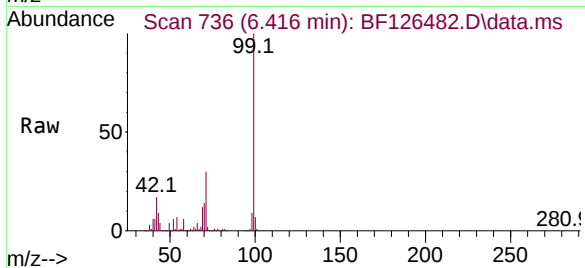
Tgt Ion:112 Resp: 742145  
Ion Ratio Lower Upper  
112 100  
64 61.4 49.5 74.3  
63 29.5 23.9 35.9



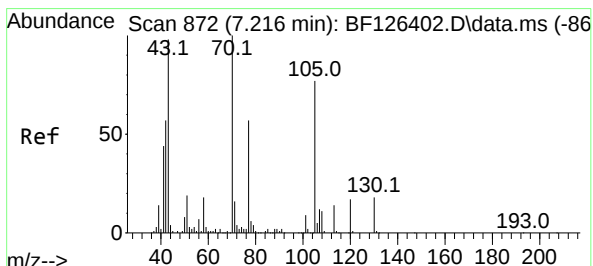
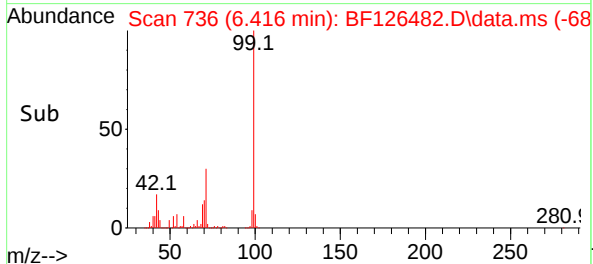
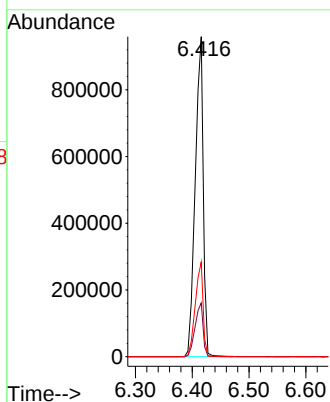


#7  
Phenol-d6  
Concen: 83.600 ng  
RT: 6.416 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41

Instrument :  
BNA\_F  
ClientSampleId :

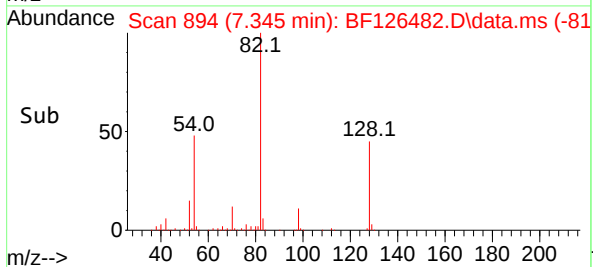
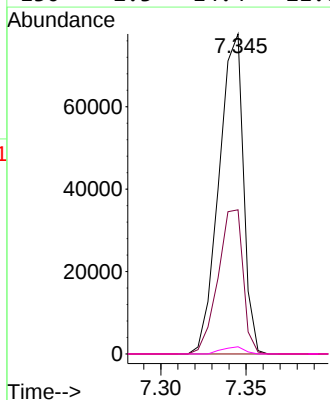
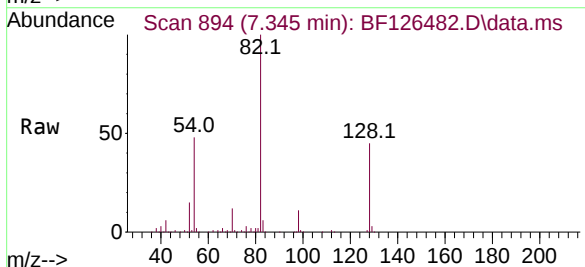


Tgt Ion: 99 Resp: 948869  
Ion Ratio Lower Upper  
99 100  
42 16.8 14.2 21.4  
71 29.6 24.3 36.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.946 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.141 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41

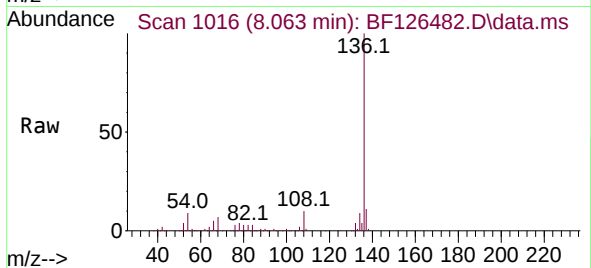
Tgt Ion: 70 Resp: 77369  
Ion Ratio Lower Upper  
70 100  
42 45.1 45.8 68.8#  
101 0.0 6.9 10.3#  
130 2.3 14.4 21.6#



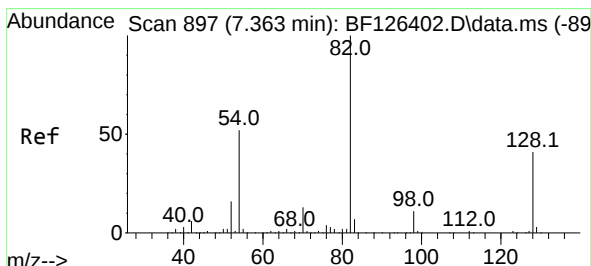
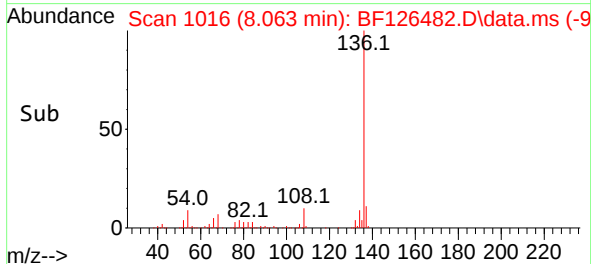
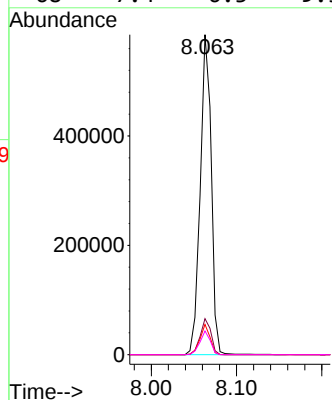


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41

Instrument :  
BNA\_F  
ClientSampleId :

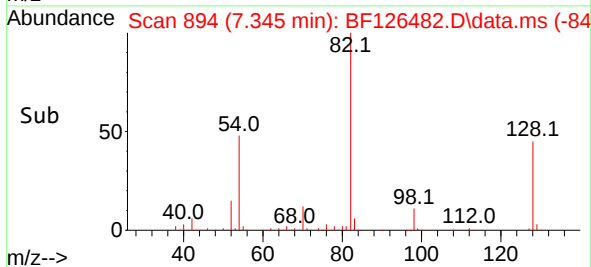
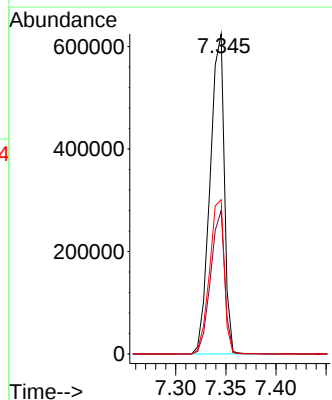
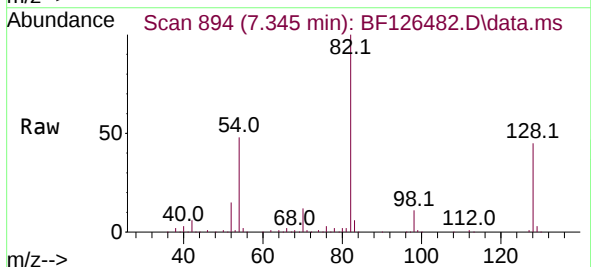


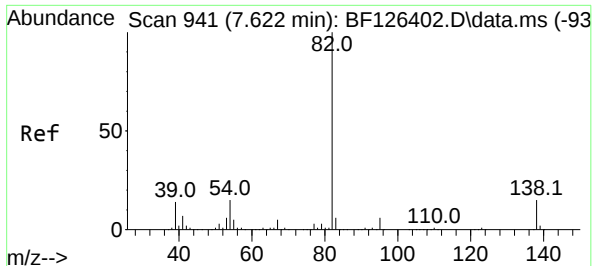
Tgt Ion:136 Resp: 526843  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 9.4 7.8 11.6  
68 7.4 6.3 9.5



#23  
Nitrobenzene-d5  
Concen: 60.280 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41

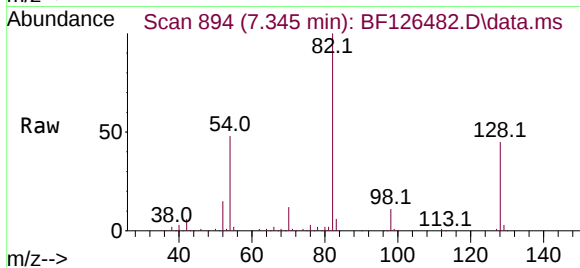
Tgt Ion: 82 Resp: 618505  
Ion Ratio Lower Upper  
82 100  
128 44.8 32.7 49.1  
54 48.2 41.7 62.5



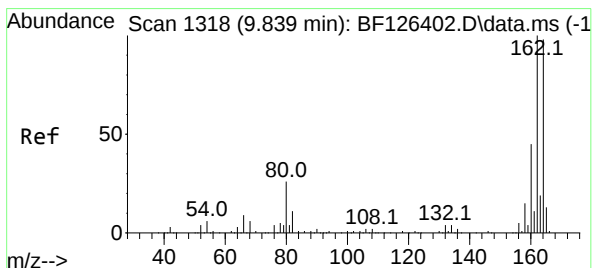
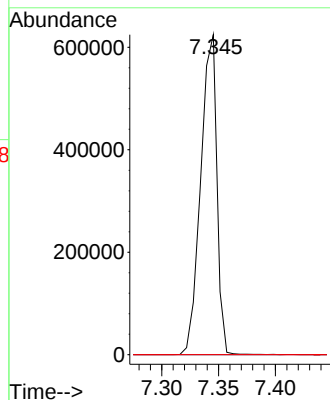
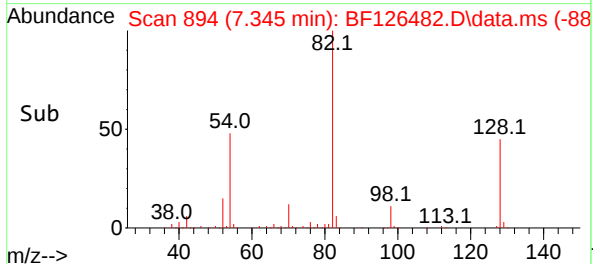


#25  
Isophorone  
Concen: 33.665 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.265 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41

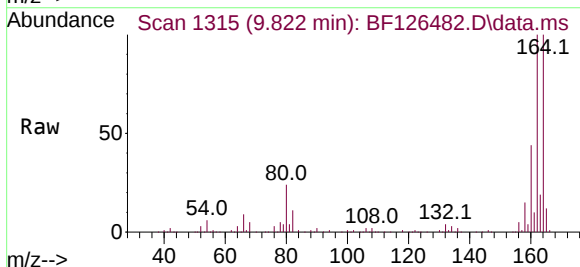
Instrument :  
BNA\_F  
ClientSampleId :



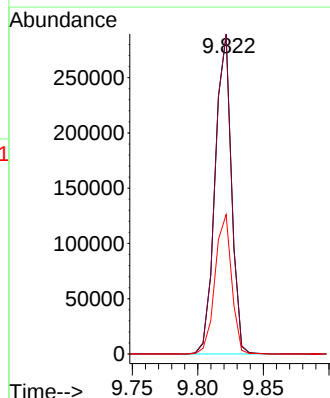
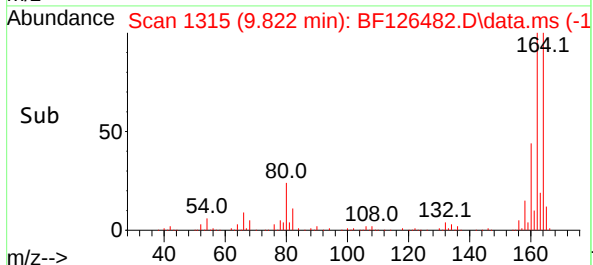
Tgt Ion: 82 Resp: 618357  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.0 7.4#  
138 0.0 12.3 18.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41



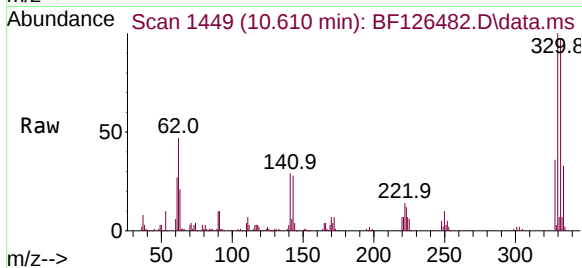
Tgt Ion: 164 Resp: 249924  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.4 122.0  
160 43.7 36.6 54.8



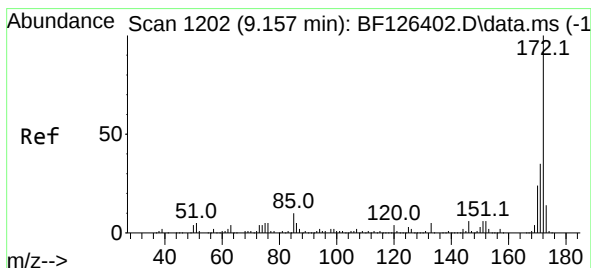
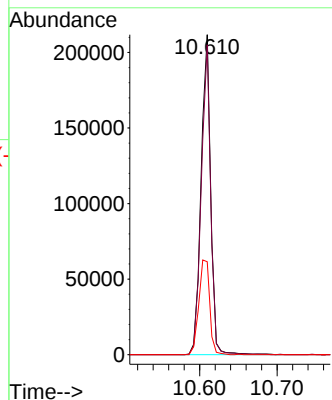
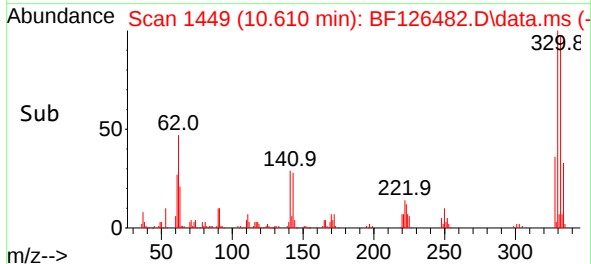


#42  
2,4,6-Tribromophenol  
Concen: 94.331 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41

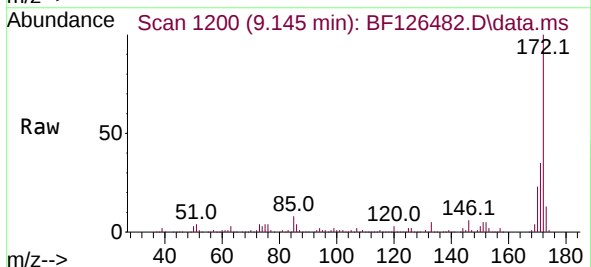
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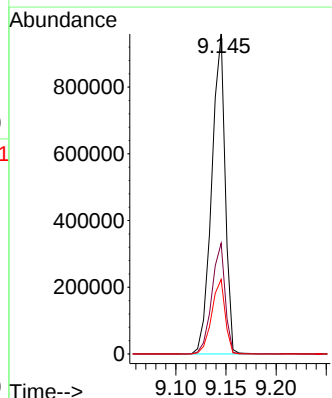
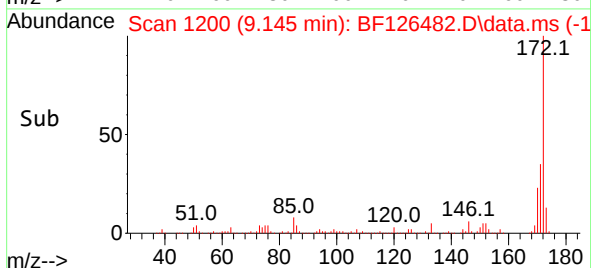
Tgt Ion:330 Resp: 182180  
Ion Ratio Lower Upper  
330 100  
332 95.1 76.0 114.0  
141 33.5 30.1 45.1

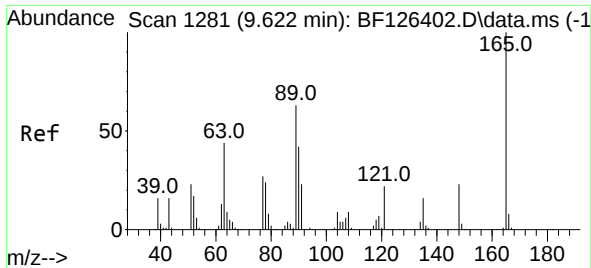


#45  
2-Fluorobiphenyl  
Concen: 63.333 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41



Tgt Ion:172 Resp: 899477  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.3 42.5  
170 23.3 19.0 28.6

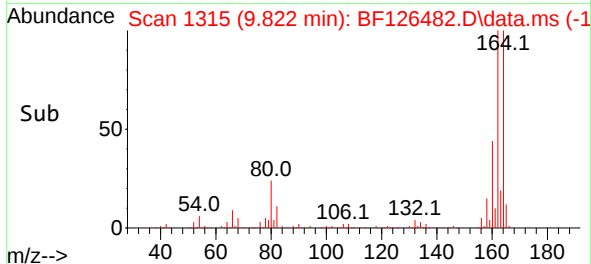
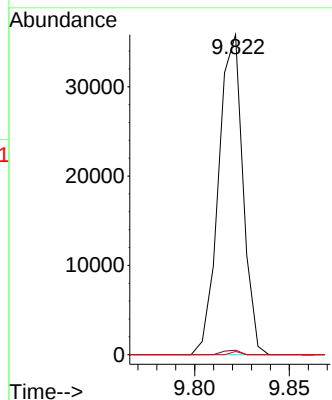
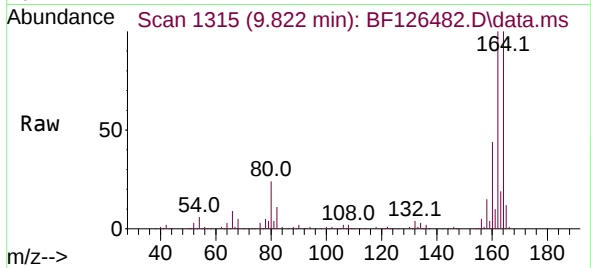




#51  
2,6-Dinitrotoluene  
Concen: 9.512 ng  
RT: 9.822 min Scan# 11  
Delta R.T. 0.212 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41

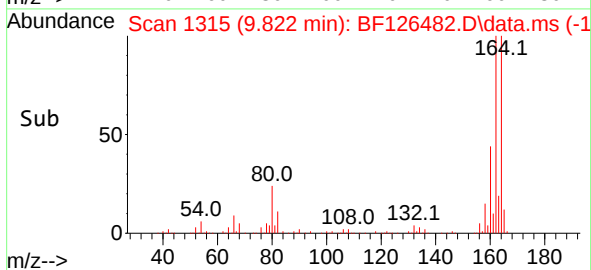
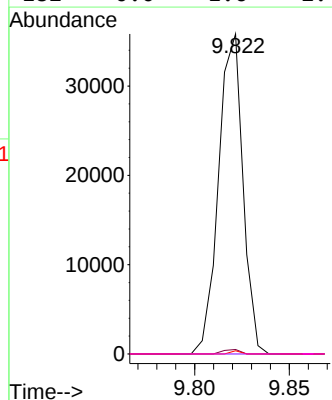
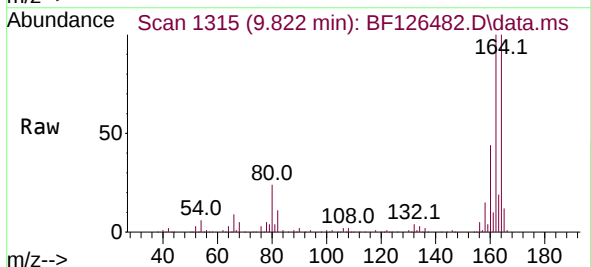
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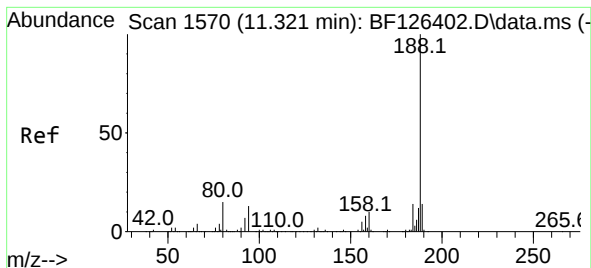
Tgt Ion:165 Resp: 32051  
Ion Ratio Lower Upper  
165 100  
63 1.4 48.4 72.6#  
89 1.0 50.5 75.7#



#57  
2,4-Dinitrotoluene  
Concen: 7.373 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.194 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41

Tgt Ion:165 Resp: 32051  
Ion Ratio Lower Upper  
165 100  
63 1.4 43.0 64.6#  
89 1.0 71.0 106.4#  
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.006 min

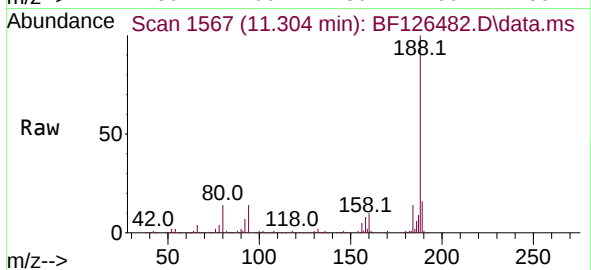
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Acq: 4 Jan 2022 22:41

Instrument :

BNA\_F

ClientSampleId :



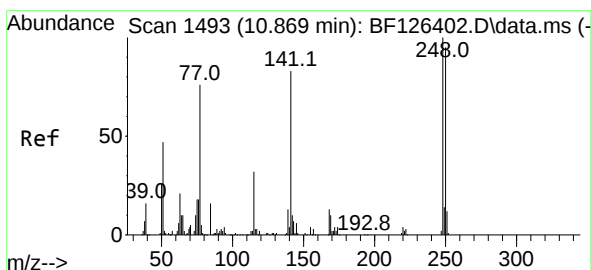
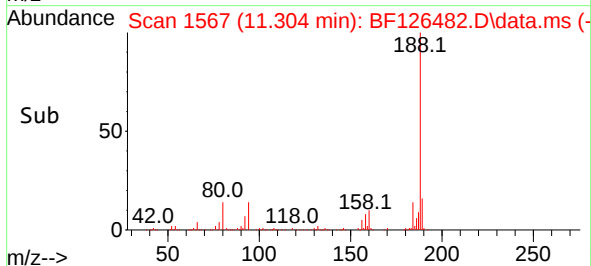
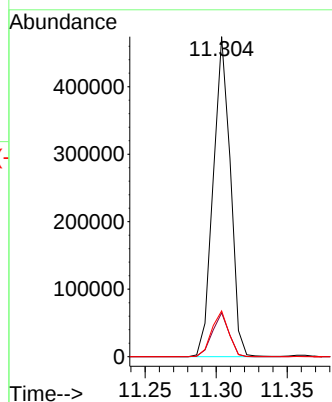
Tgt Ion:188 Resp: 398972

Ion Ratio Lower Upper

188 100

94 13.7 10.1 15.1

80 14.3 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 2.826 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF126482.D

Acq: 4 Jan 2022 22:41

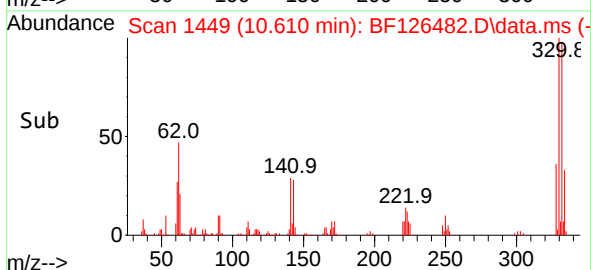
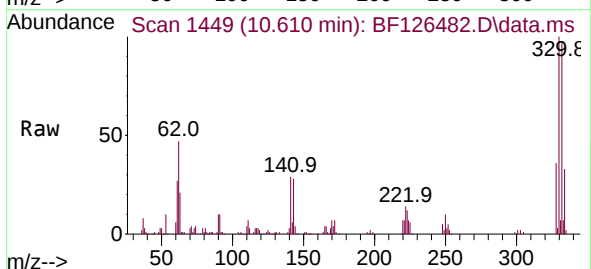
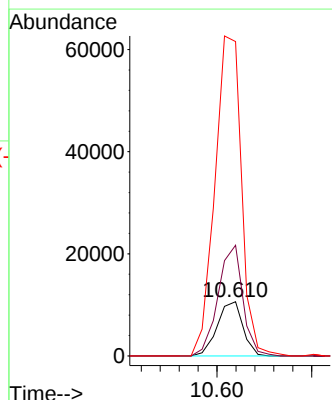
Tgt Ion:248 Resp: 10009

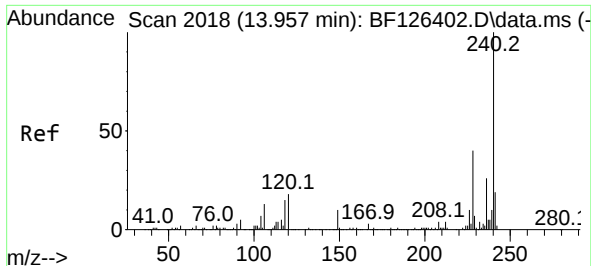
Ion Ratio Lower Upper

248 100

250 204.0 76.2 114.4#

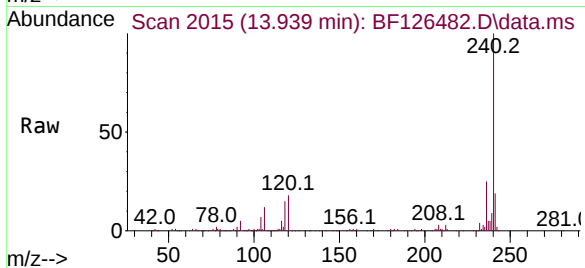
141 579.0 66.2 99.4#



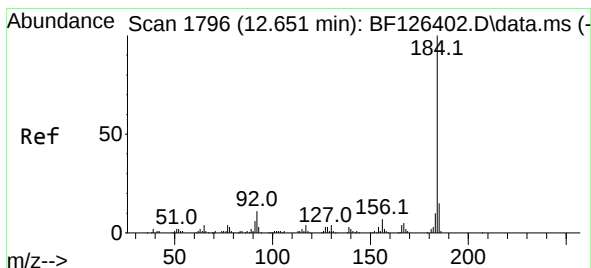
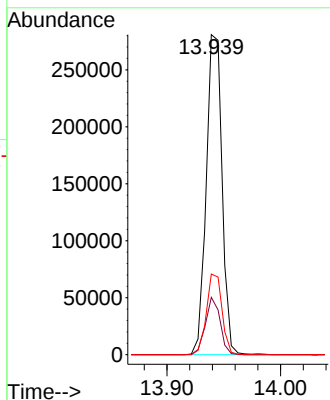
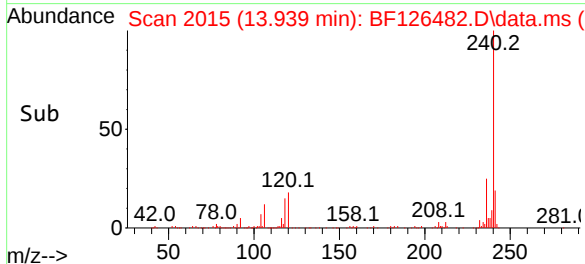


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41

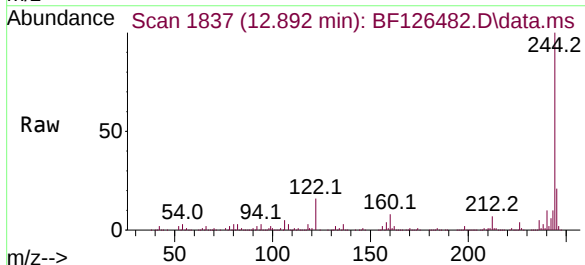
Instrument :  
BNA\_F  
ClientSampleId :



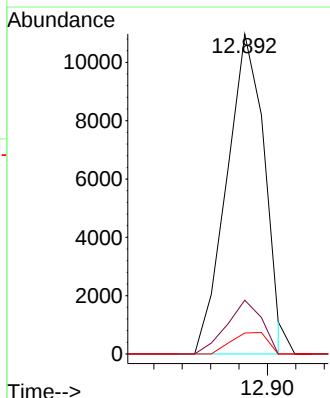
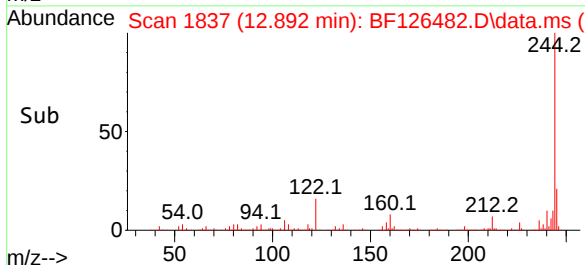
Tgt Ion:240 Resp: 271452  
Ion Ratio Lower Upper  
240 100  
120 17.9 14.4 21.6  
236 25.2 20.5 30.7

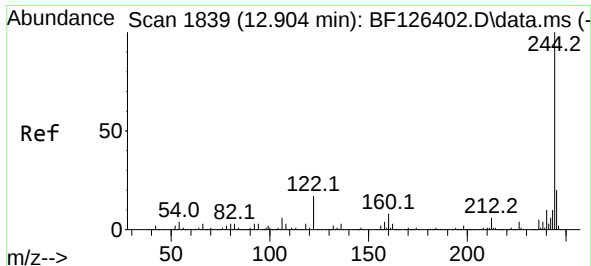


#77  
Benzidine  
Concen: Below Cal  
RT: 12.892 min Scan# 1837  
Delta R.T. 0.253 min  
Lab File: BF126482.D  
Acq: 4 Jan 2022 22:41



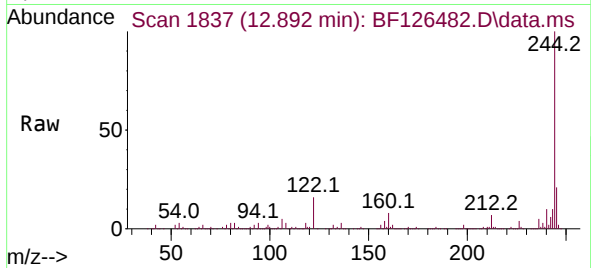
Tgt Ion:184 Resp: 10129  
Ion Ratio Lower Upper  
184 100  
185 16.8 11.8 17.8  
183 6.6 8.2 12.2#



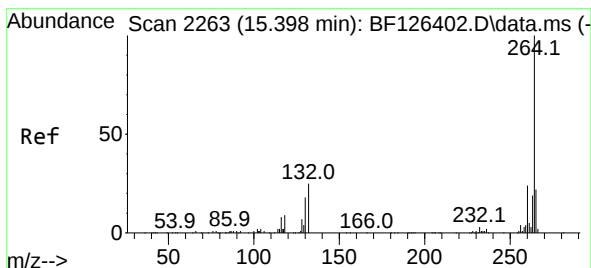
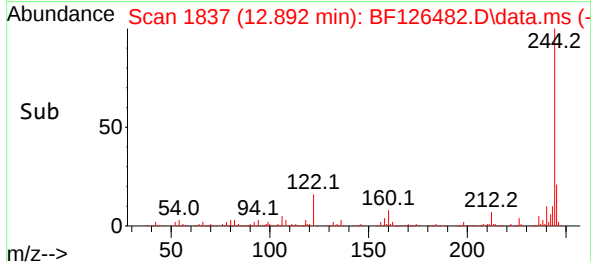
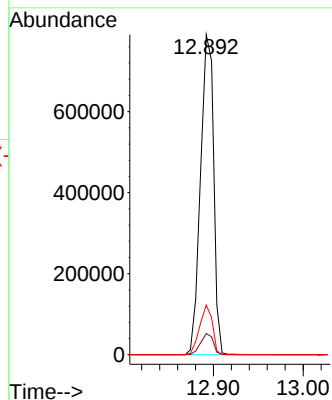


#79  
 Terphenyl-d14  
 Concen: 57.462 ng  
 RT: 12.892 min Scan# 1837  
 Delta R.T. -0.006 min  
 Lab File: BF126482.D  
 Acq: 4 Jan 2022 22:41

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:244 Resp: 802815  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.0 7.4  
 122 15.5 13.3 19.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.380 min Scan# 2260  
 Delta R.T. -0.006 min  
 Lab File: BF126482.D  
 Acq: 4 Jan 2022 22:41

Tgt Ion:264 Resp: 223367  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.2 28.8  
 265 21.7 17.4 26.2

