

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010722\  
 Data File : BF126538.D  
 Acq On : 7 Jan 2022 13:29  
 Operator : JU/CG  
 Sample : PB141875BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB141875BL

Quant Time: Jan 07 15:24:44 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

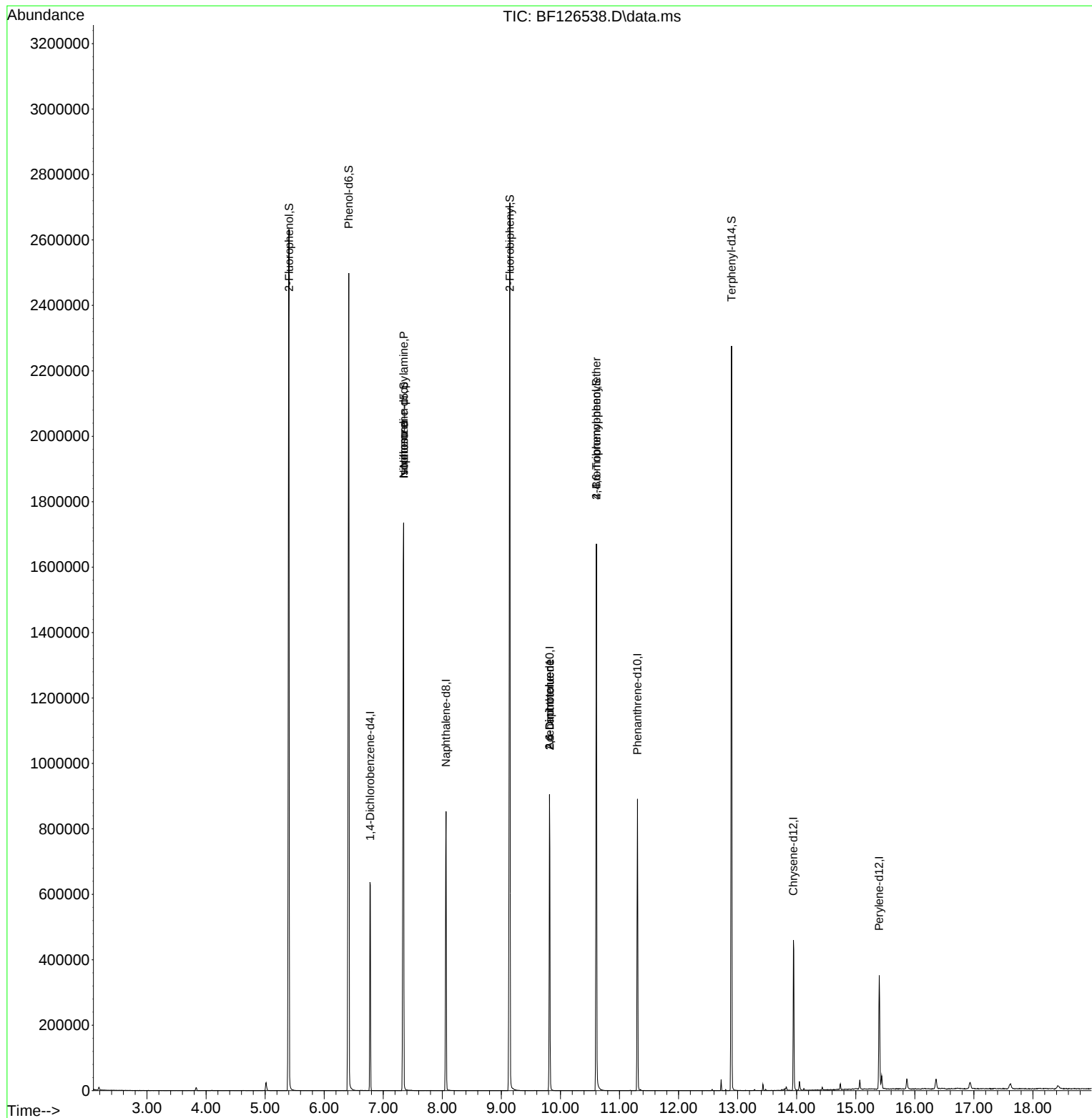
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 97207    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 417630   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.816  | 164  | 192061   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 301056   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 13.945 | 240  | 171092   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.398 | 264  | 155112   | 20.000    | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 823223   | 121.617   | ng    | 0.01     |
| 7) Phenol-d6                  | 6.416  | 99   | 1048247  | 119.564   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 679076   | 83.490    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 206722   | 139.287   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 972241   | 89.080    | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.898 | 244  | 773046   | 87.788    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 87066    | 17.403    | ng    | # 78     |
| 25) Isophorone                | 7.345  | 82   | 673097   | 46.228    | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 24123    | 9.316     | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 24123    | 7.221     | ng    | # 15     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 10311    | 3.859     | ng    | # 1      |
| 77) Benzidine                 | 12.898 | 184  | 9762     | Below Cal |       | 98       |
| -----                         |        |      |          |           |       |          |

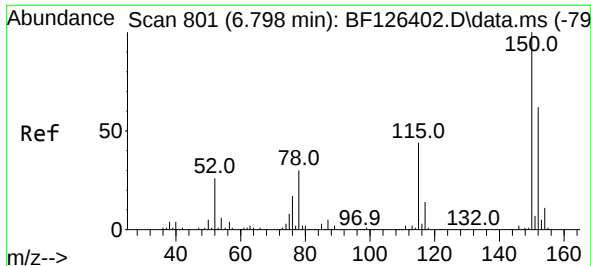
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 07 15:24:44 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

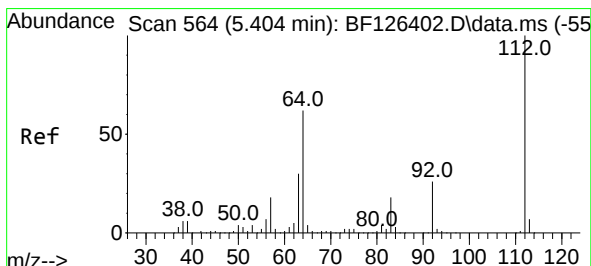
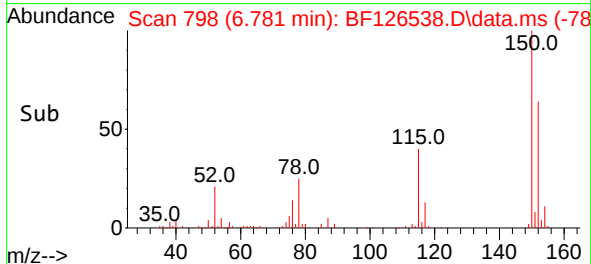
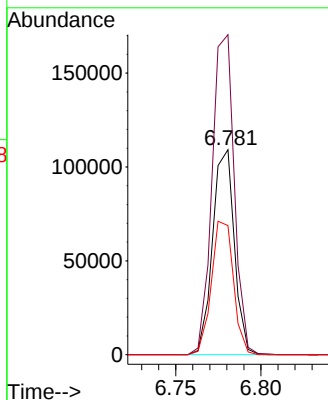
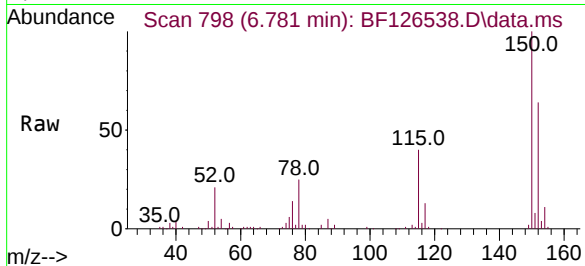




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 798  
 Delta R.T. -0.005 min  
 Lab File: BF126538.D  
 Acq: 7 Jan 2022 13:29

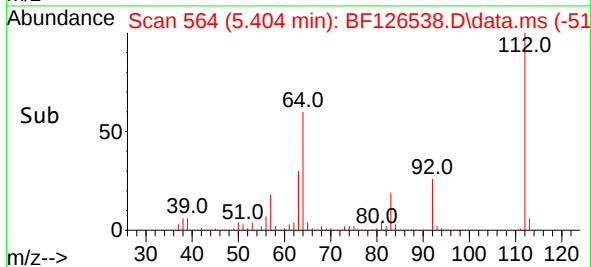
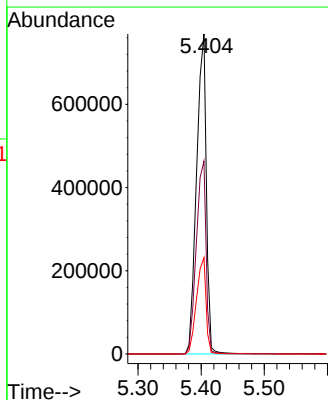
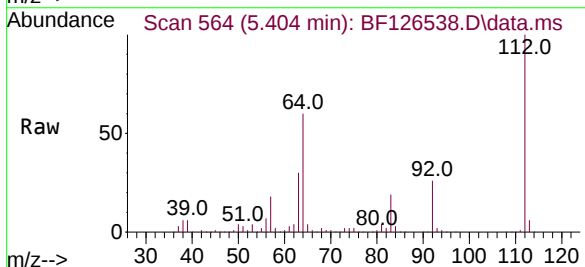
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 ClientSampleId :  
 PB141875BL

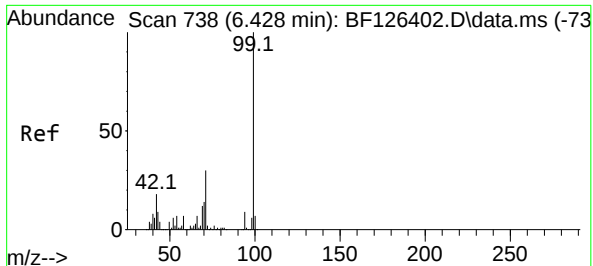
Tgt Ion:152 Resp: 97207  
 Ion Ratio Lower Upper  
 152 100  
 150 156.1 128.1 192.1  
 115 63.0 56.7 85.1



#5  
 2-Fluorophenol  
 Concen: 121.617 ng  
 RT: 5.404 min Scan# 564  
 Delta R.T. 0.012 min  
 Lab File: BF126538.D  
 Acq: 7 Jan 2022 13:29

Tgt Ion:112 Resp: 823223  
 Ion Ratio Lower Upper  
 112 100  
 64 60.2 49.5 74.3  
 63 30.1 23.9 35.9

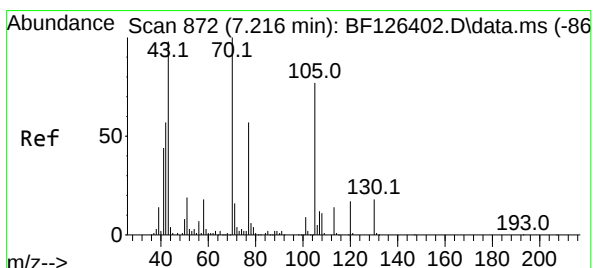
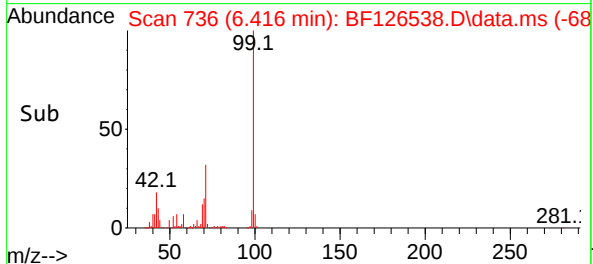
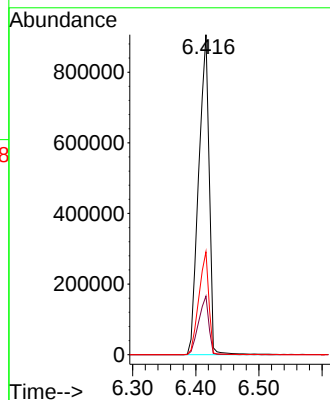
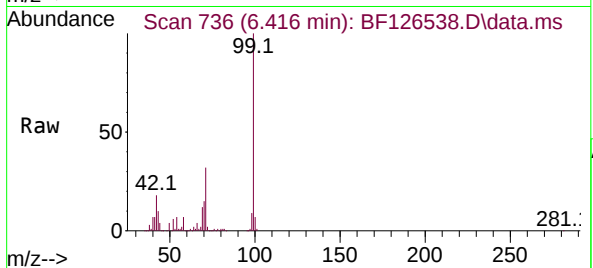




#7  
Phenol-d6  
Concen: 119.564 ng  
RT: 6.416 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

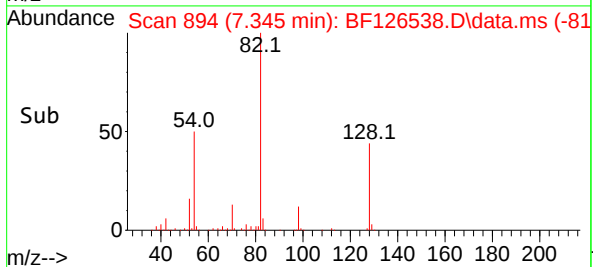
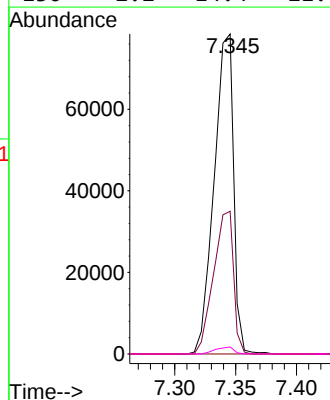
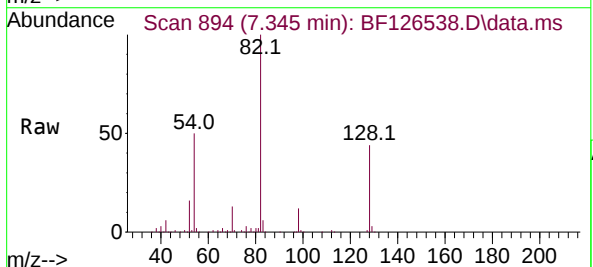
Instrument :  
BNA\_F  
ClientSampleId :  
PB141875BL

Tgt Ion: 99 Resp: 1048247  
Ion Ratio Lower Upper  
99 100  
42 18.3 14.2 21.4  
71 32.1 24.3 36.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.403 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.141 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

Tgt Ion: 70 Resp: 87066  
Ion Ratio Lower Upper  
70 100  
42 44.6 45.8 68.8#  
101 0.0 6.9 10.3#  
130 2.2 14.4 21.6#

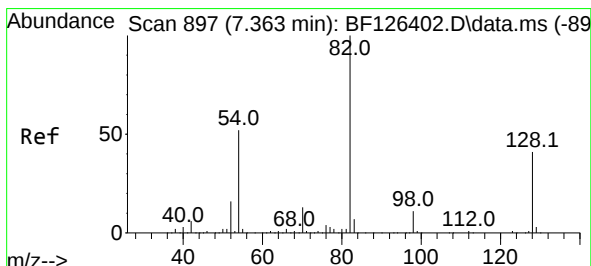
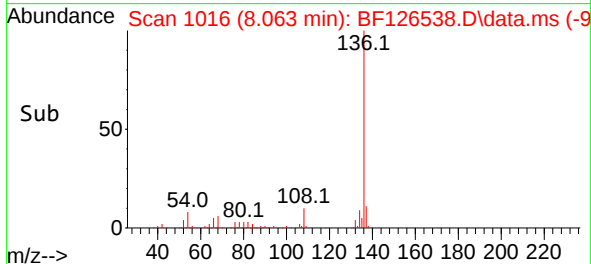
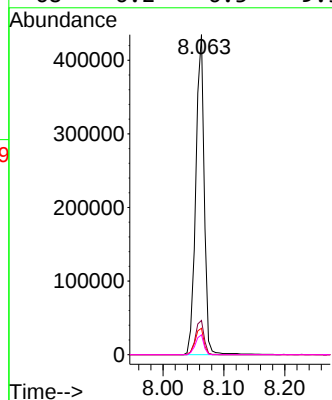
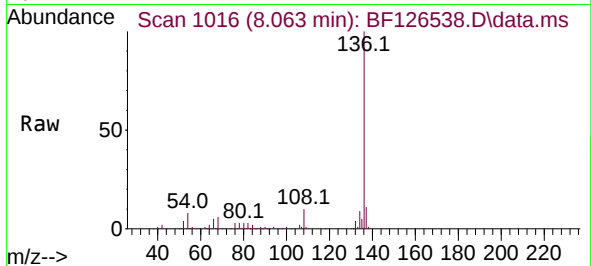




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

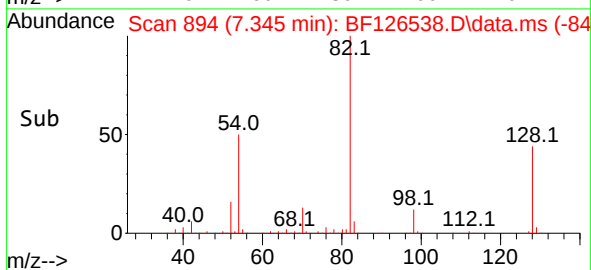
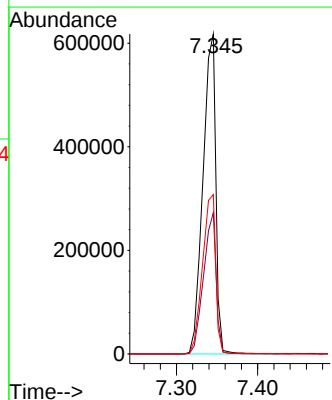
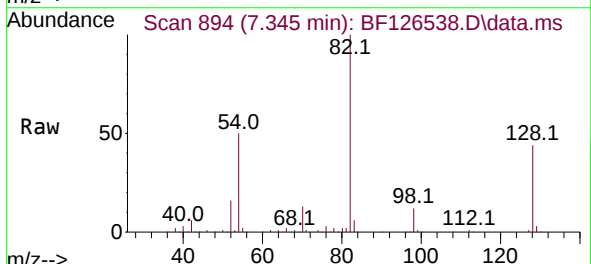
Instrument :  
BNA\_F  
ClientSampleId :  
PB141875BL

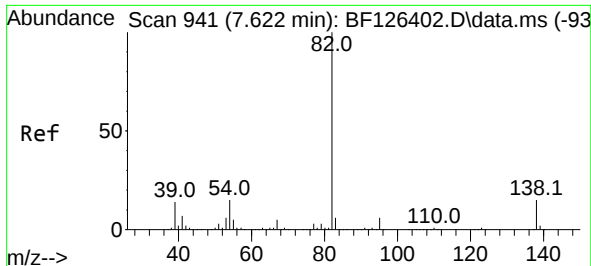
Tgt Ion:136 Resp: 417630  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.2 7.8 11.6  
68 6.2 6.3 9.5#



#23  
Nitrobenzene-d5  
Concen: 83.490 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

Tgt Ion: 82 Resp: 679076  
Ion Ratio Lower Upper  
82 100  
128 44.1 32.7 49.1  
54 49.8 41.7 62.5

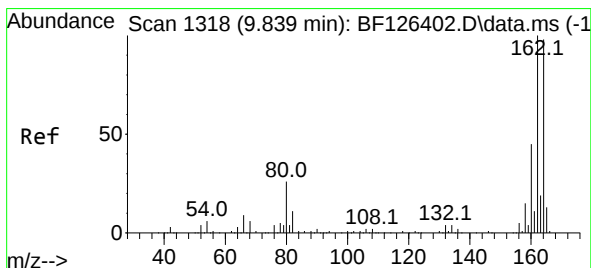
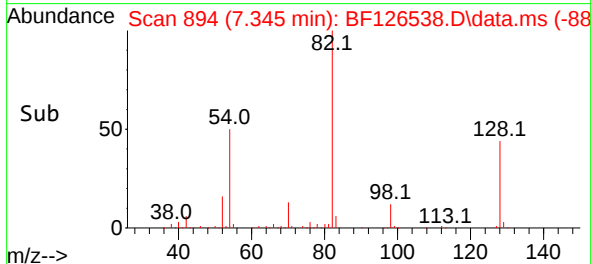
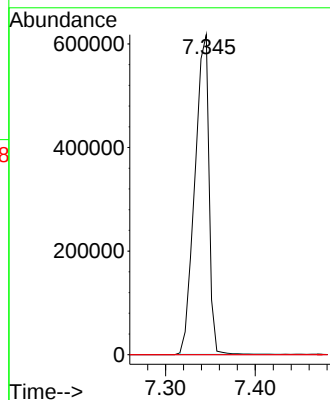
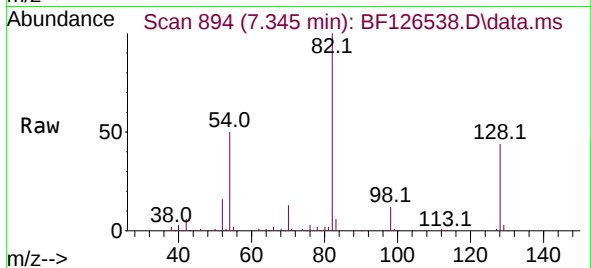




#25  
Isophorone  
Concen: 46.228 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.265 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

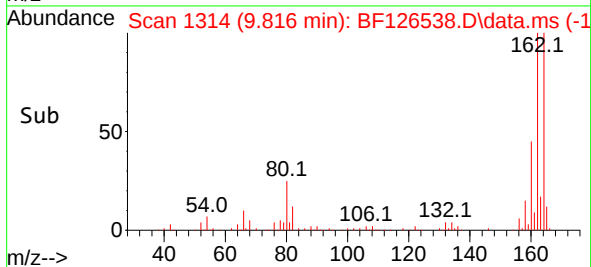
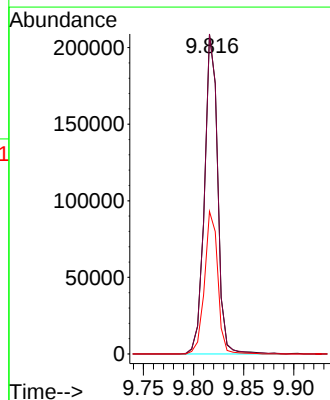
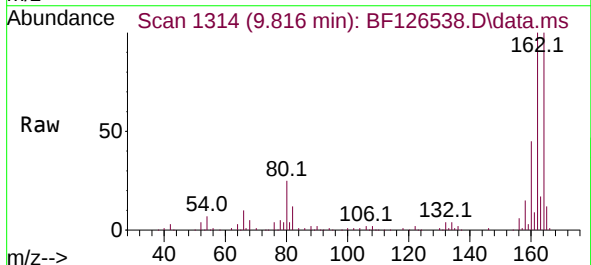
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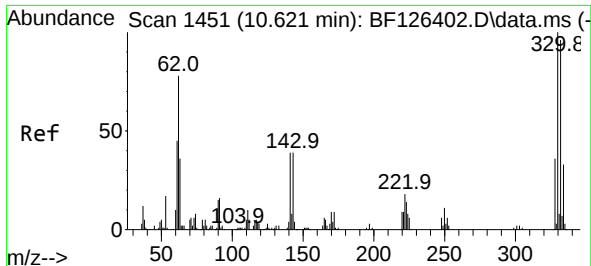
Tgt Ion: 82 Resp: 673097  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.0 7.4#  
138 0.0 12.3 18.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

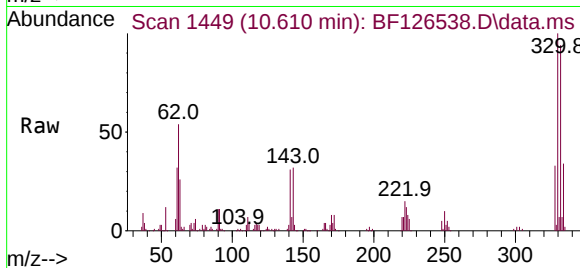
Tgt Ion:164 Resp: 192061  
Ion Ratio Lower Upper  
164 100  
162 100.1 81.4 122.0  
160 44.6 36.6 54.8



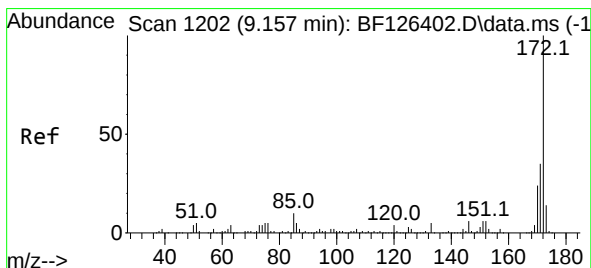
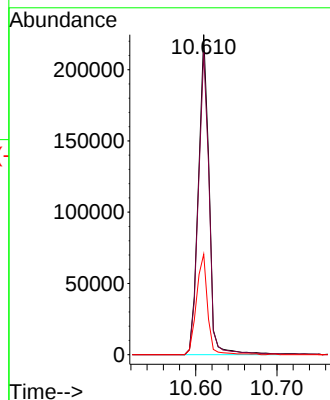
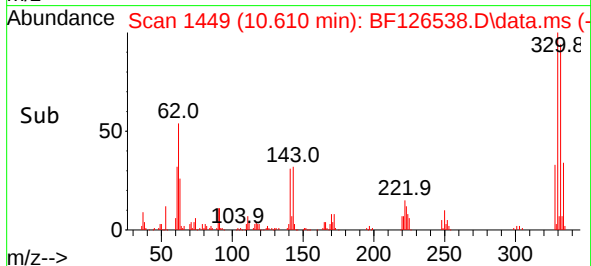


#42  
2,4,6-Tribromophenol  
Concen: 139.287 ng  
RT: 10.610 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

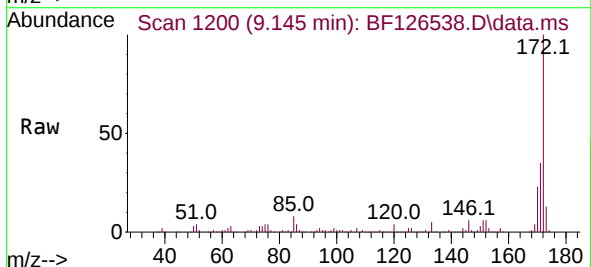
Instrument :  
BNA\_F  
ClientSampleId :  
PB141875BL



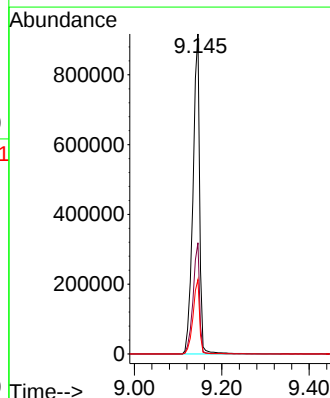
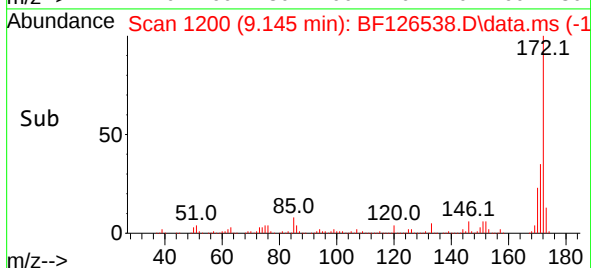
Tgt Ion:330 Resp: 206722  
Ion Ratio Lower Upper  
330 100  
332 95.2 76.0 114.0  
141 32.6 30.1 45.1

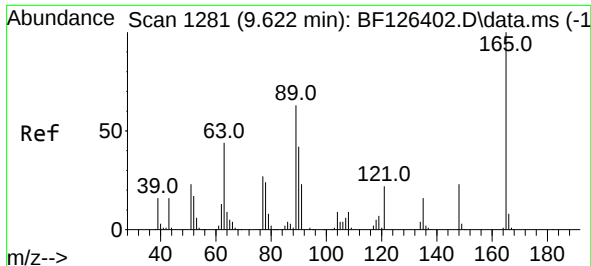


#45  
2-Fluorobiphenyl  
Concen: 89.080 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29



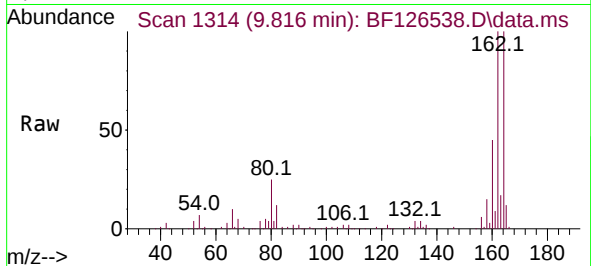
Tgt Ion:172 Resp: 972241  
Ion Ratio Lower Upper  
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171 34.8 28.3 42.5  
170 23.3 19.0 28.6



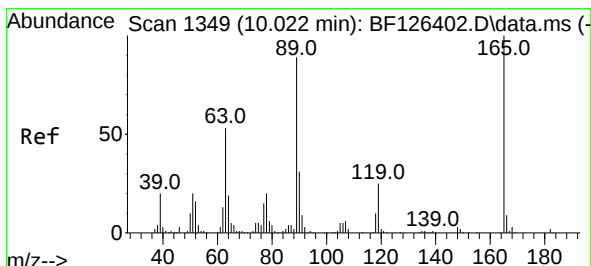
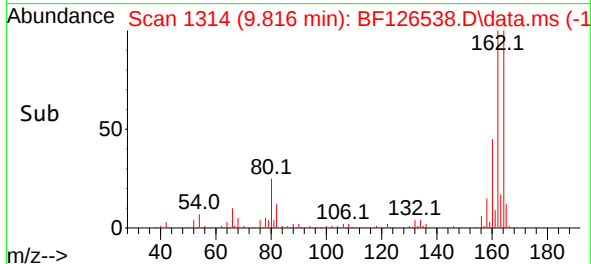
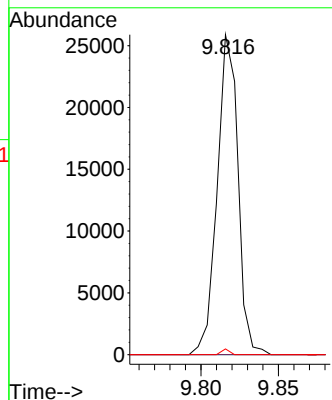


#51  
2,6-Dinitrotoluene  
Concen: 9.316 ng  
RT: 9.816 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB141875BL

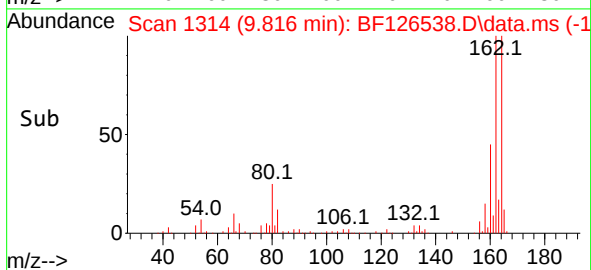
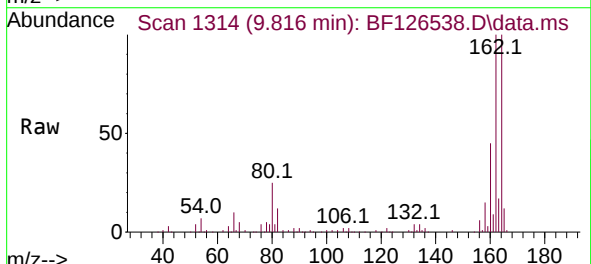
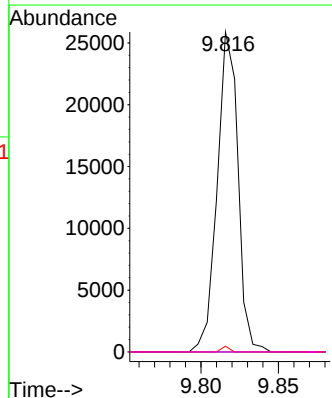


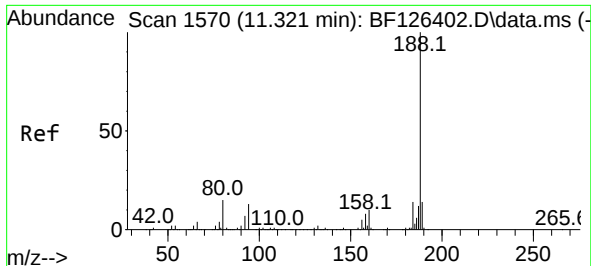
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Ion Ratio Lower Upper  
165 100  
63 0.0 48.4 72.6#  
89 1.8 50.5 75.7#



#57  
2,4-Dinitrotoluene  
Concen: 7.221 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.200 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

Tgt Ion:165 Resp: 24123  
Ion Ratio Lower Upper  
165 100  
63 0.0 43.0 64.6#  
89 1.8 71.0 106.4#  
182 0.0 1.6 2.4#

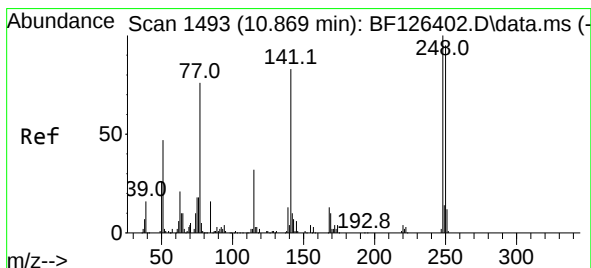
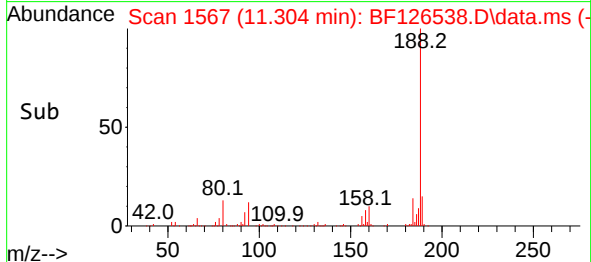
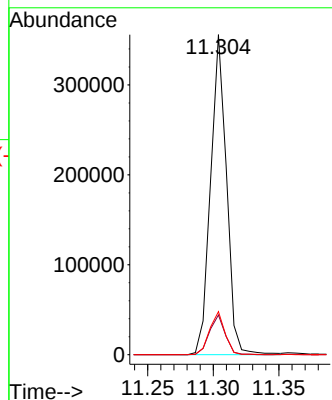
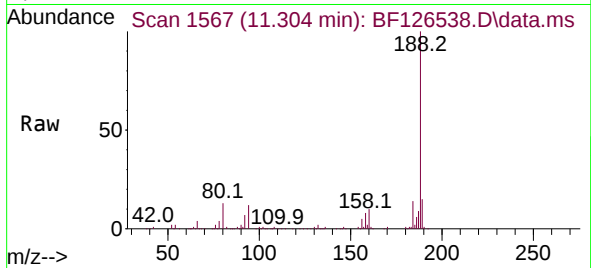




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

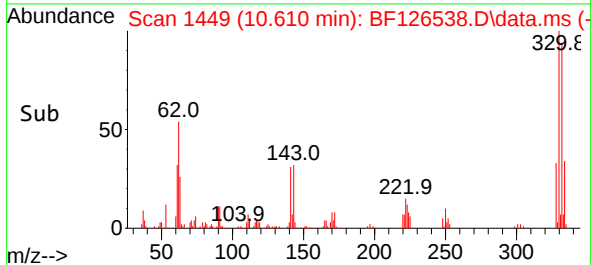
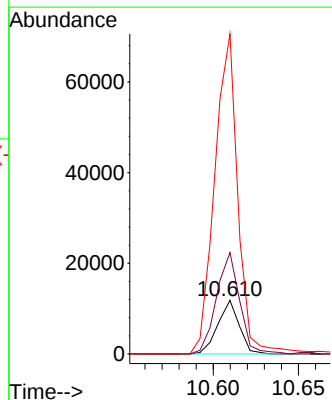
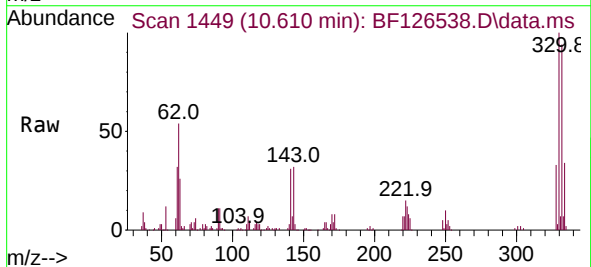
Instrument :  
BNA\_F  
ClientSampleId :  
PB141875BL

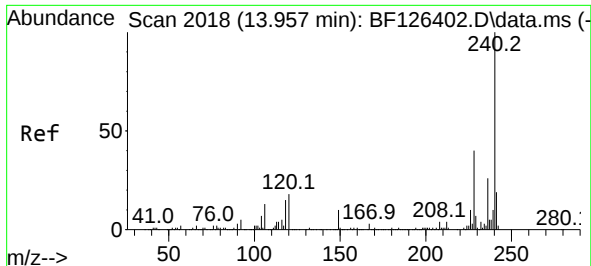
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Ion Ratio Lower Upper  
188 100  
94 12.4 10.1 15.1  
80 13.5 11.8 17.6



#67  
4-Bromophenyl-phenylether  
Concen: 3.859 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.247 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

Tgt Ion:248 Resp: 10311  
Ion Ratio Lower Upper  
248 100  
250 189.5 76.2 114.4#  
141 597.4 66.2 99.4#

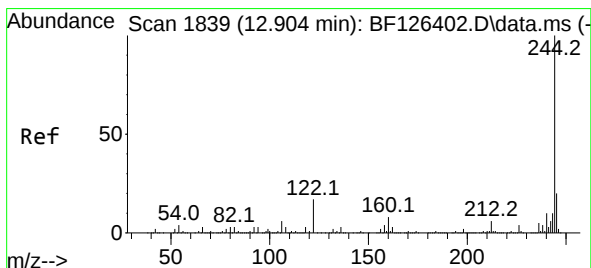
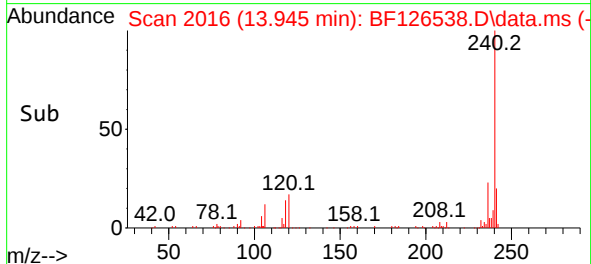
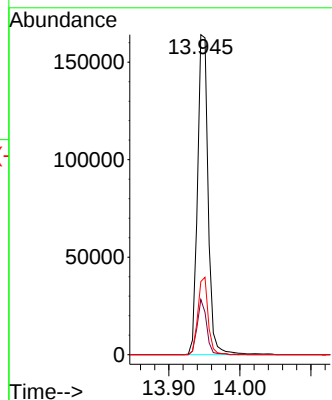
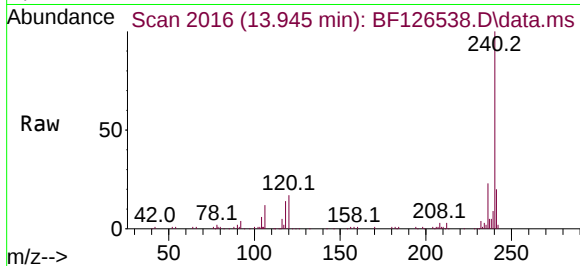




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

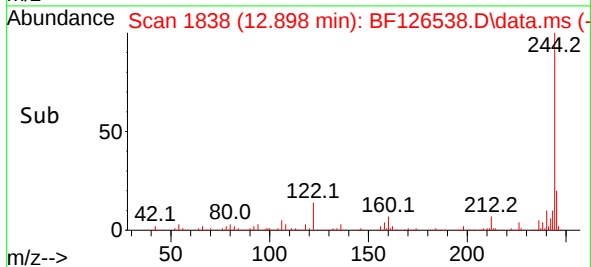
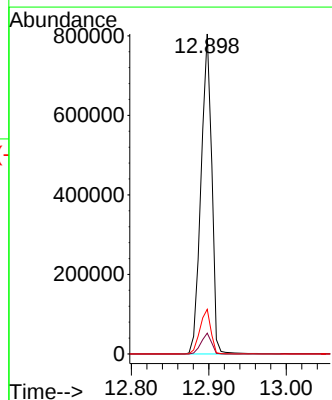
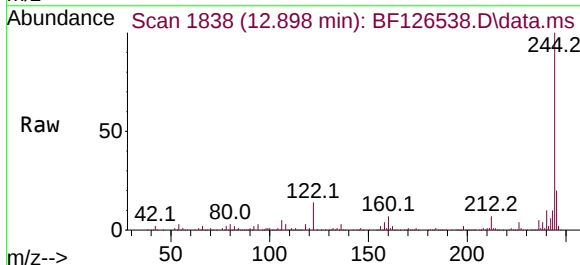
Instrument :  
BNA\_F  
ClientSampleId :  
PB141875BL

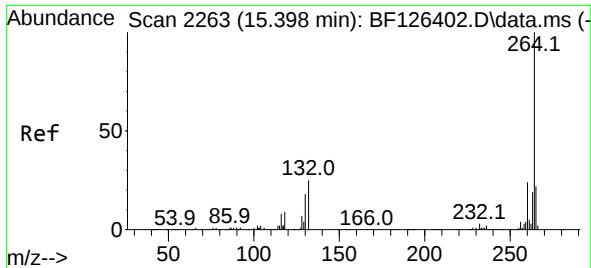
Tgt Ion:240 Resp: 171092  
Ion Ratio Lower Upper  
240 100  
120 17.3 14.4 21.6  
236 22.9 20.5 30.7



#79  
Terphenyl-d14  
Concen: 87.788 ng  
RT: 12.898 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: BF126538.D  
Acq: 7 Jan 2022 13:29

Tgt Ion:244 Resp: 773046  
Ion Ratio Lower Upper  
244 100  
212 6.5 5.0 7.4  
122 13.9 13.3 19.9





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.398 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: BF126538.D  
 Acq: 7 Jan 2022 13:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB141875BL

Tgt Ion:264 Resp: 155112  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 19.2 28.8  
 265 20.7 17.4 26.2

