

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010722\  
 Data File : BF126541.D  
 Acq On : 7 Jan 2022 14:49  
 Operator : JU/CG  
 Sample : PB141793BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB141793BL

Quant Time: Jan 07 15:25:55 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

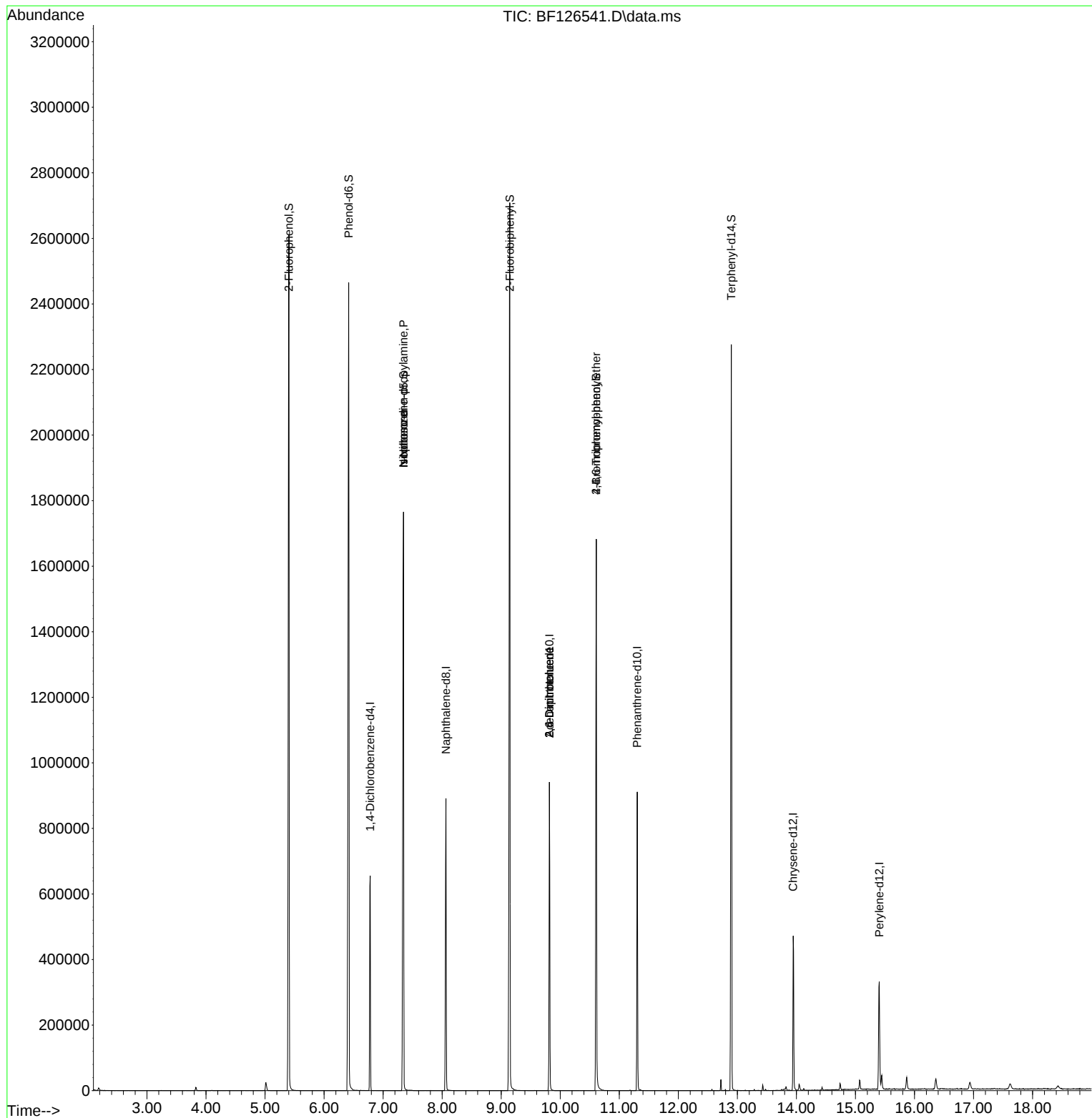
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.780  | 152  | 97345    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 421811   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.815  | 164  | 191571   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 296425   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 13.945 | 240  | 170867   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.403 | 264  | 155272   | 20.000    | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 826512   | 121.929   | ng    | 0.01     |
| 7) Phenol-d6                  | 6.416  | 99   | 1055408  | 120.210   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 681144   | 82.914    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 208292   | 140.704   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 962177   | 88.383    | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.898 | 244  | 786940   | 89.483    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 86543    | 17.274    | ng    | # 79     |
| 25) Isophorone                | 7.345  | 82   | 676284   | 45.987    | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.815  | 165  | 25143    | 9.735     | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 9.815  | 165  | 25143    | 7.545     | ng    | # 14     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 10489    | 3.987     | ng    | # 1      |
| 77) Benzidine                 | 12.898 | 184  | 9441     | Below Cal |       | # 94     |
| -----                         |        |      |          |           |       |          |

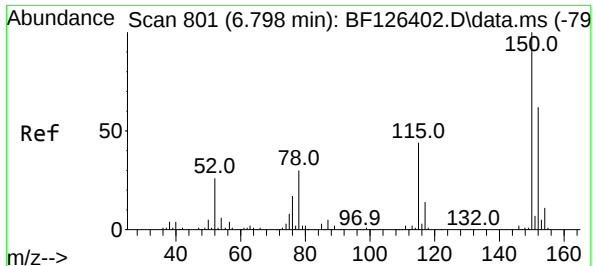
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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  
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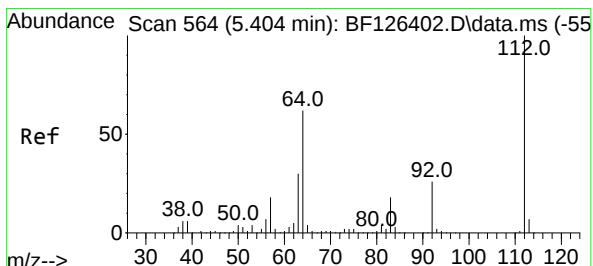
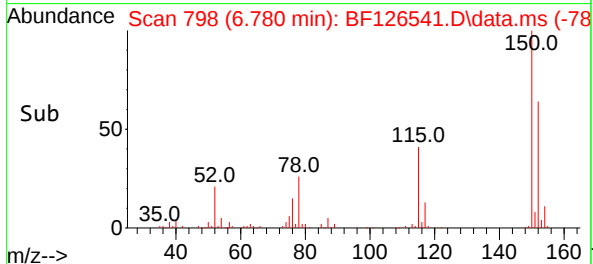
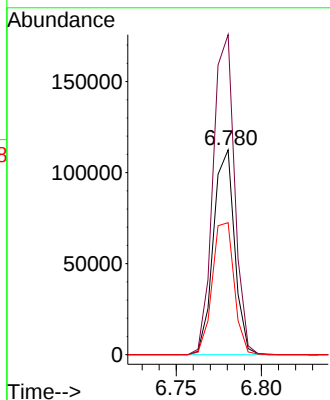
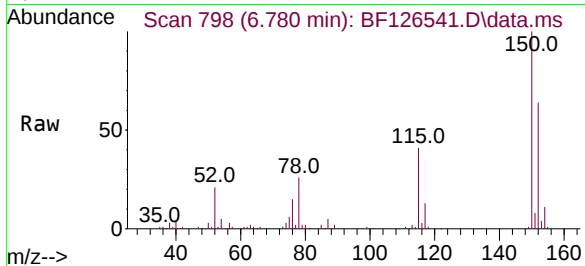




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.780 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

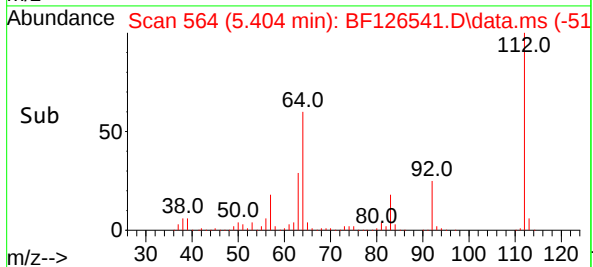
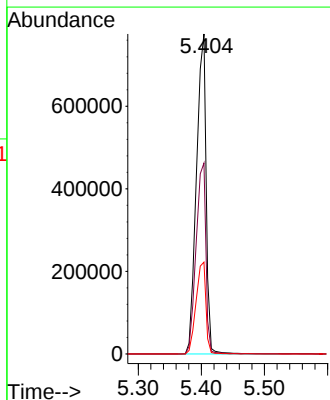
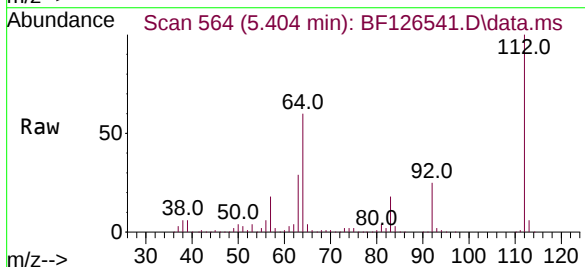
Instrument :  
BNA\_F  
ClientSampleId :  
PB141793BL

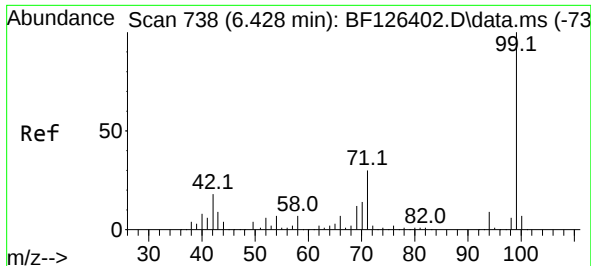
Tgt Ion:152 Resp: 97345  
Ion Ratio Lower Upper  
152 100  
150 156.3 128.1 192.1  
115 64.5 56.7 85.1



#5  
2-Fluorophenol  
Concen: 121.929 ng  
RT: 5.404 min Scan# 564  
Delta R.T. 0.012 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

Tgt Ion:112 Resp: 826512  
Ion Ratio Lower Upper  
112 100  
64 59.7 49.5 74.3  
63 28.7 23.9 35.9



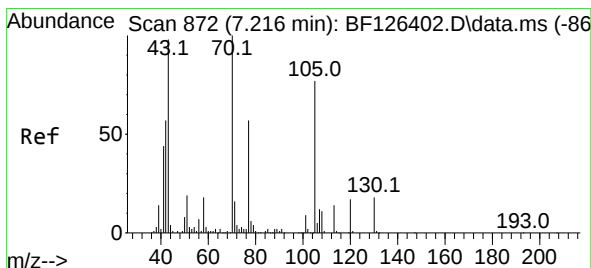
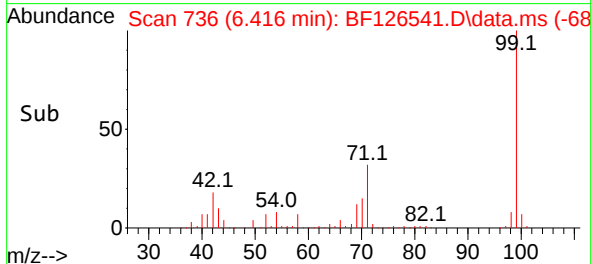
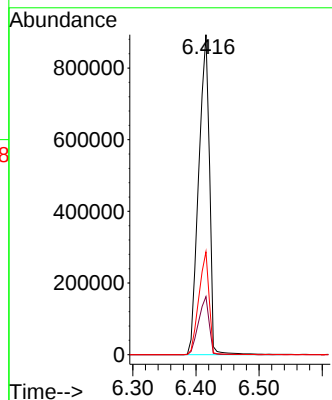
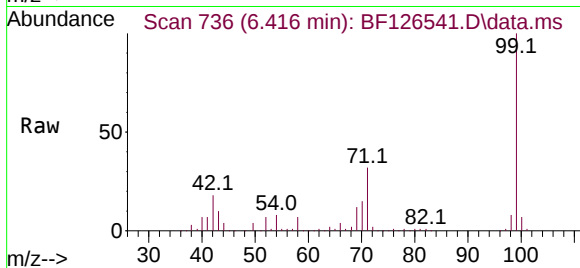


#7  
Phenol-d6  
Concen: 120.210 ng  
RT: 6.416 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB141793BL

Tgt Ion: 99 Resp: 1055408

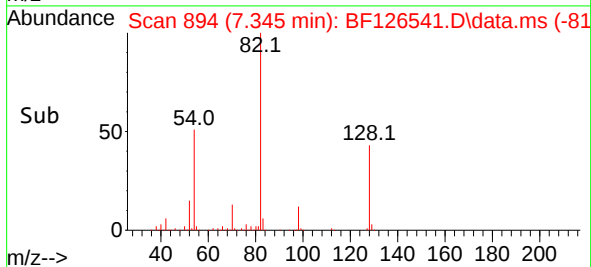
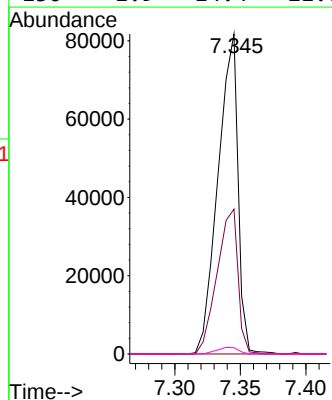
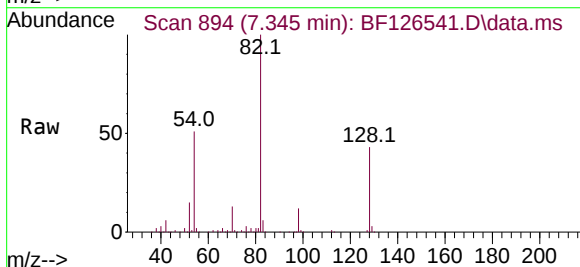
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.1  | 14.2  | 21.4  |
| 71  | 32.1  | 24.3  | 36.5  |



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.274 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.141 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

Tgt Ion: 70 Resp: 86543

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 45.2  | 45.8  | 68.8# |
| 101 | 0.0   | 6.9   | 10.3# |
| 130 | 1.9   | 14.4  | 21.6# |

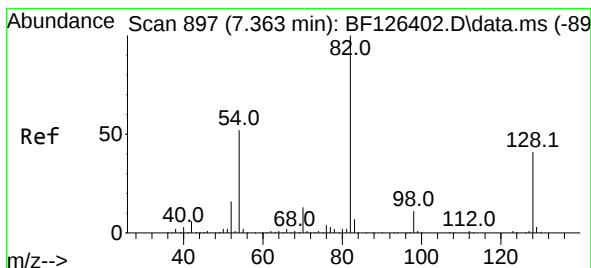
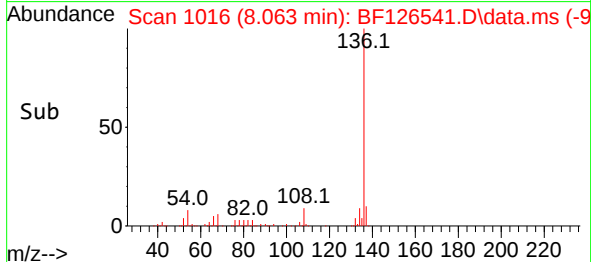
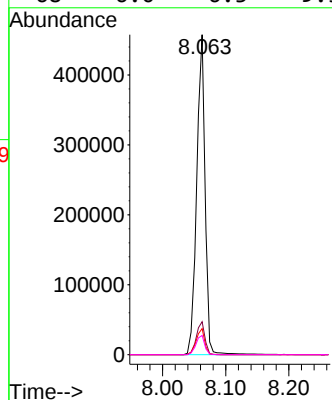
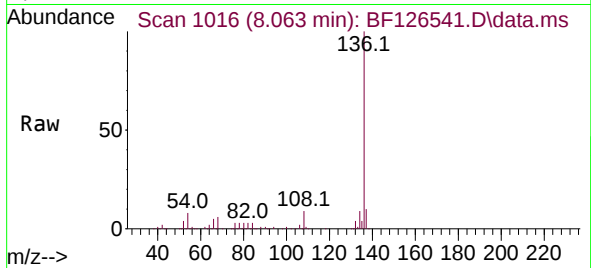




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

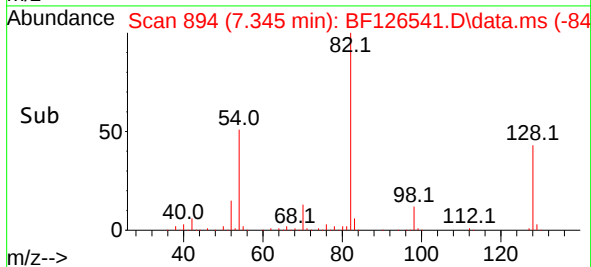
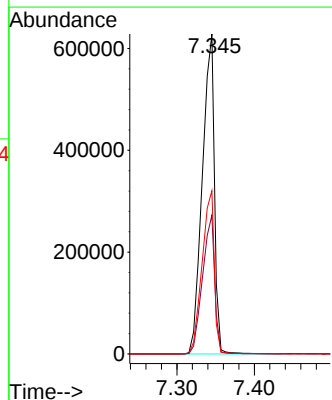
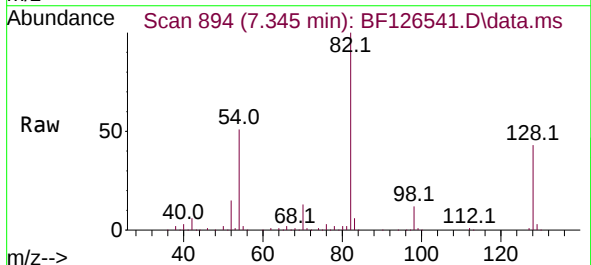
Instrument :  
BNA\_F  
ClientSampleId :  
PB141793BL

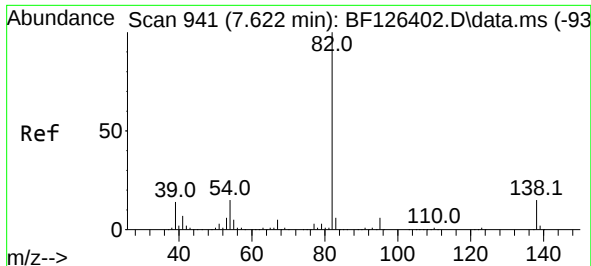
Tgt Ion:136 Resp: 421811  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.6 13.0  
54 8.1 7.8 11.6  
68 6.0 6.3 9.5#



#23  
Nitrobenzene-d5  
Concen: 82.914 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

Tgt Ion: 82 Resp: 681144  
Ion Ratio Lower Upper  
82 100  
128 43.3 32.7 49.1  
54 51.0 41.7 62.5

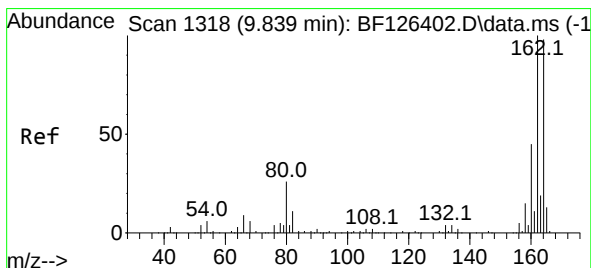
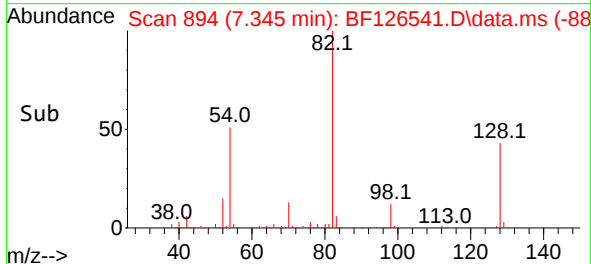
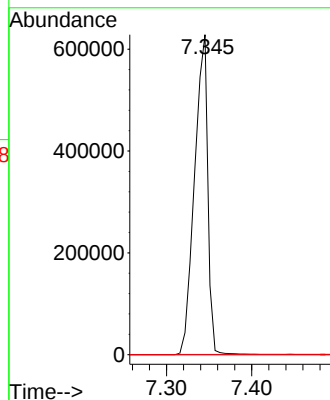
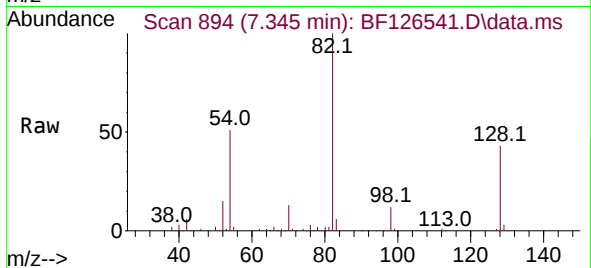




#25  
Isophorone  
Concen: 45.987 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.265 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

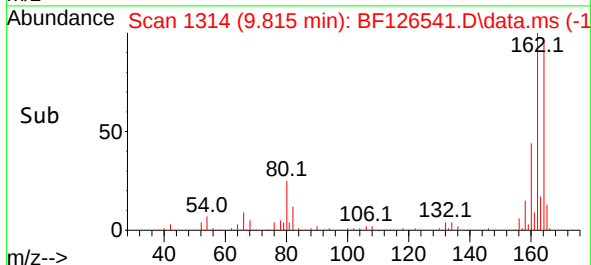
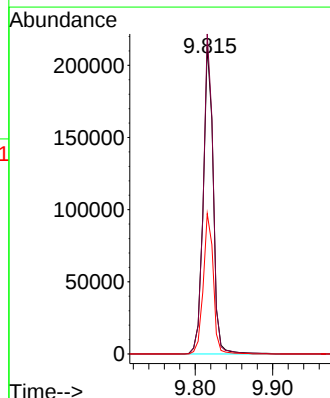
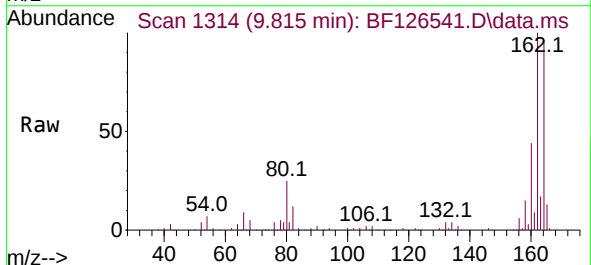
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ClientSampleId :  
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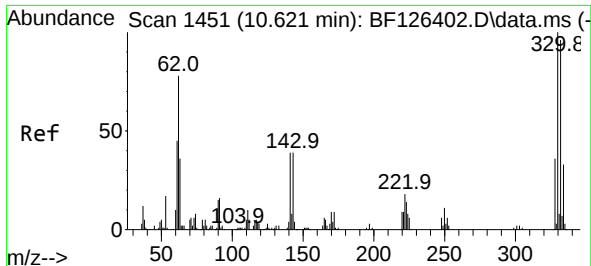
Tgt Ion: 82 Resp: 676284  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.0 7.4#  
138 0.0 12.3 18.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.815 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

Tgt Ion:164 Resp: 191571  
Ion Ratio Lower Upper  
164 100  
162 104.1 81.4 122.0  
160 45.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 140.704 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126541.D

Acq: 7 Jan 2022 14:49

Instrument :

BNA\_F

ClientSampleId :

PB141793BL

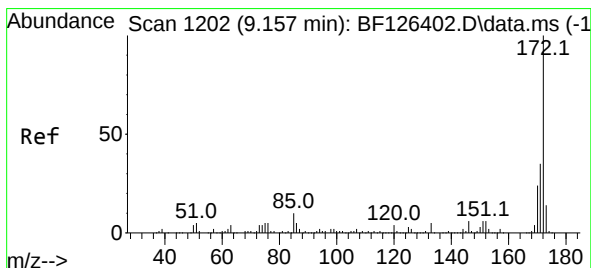
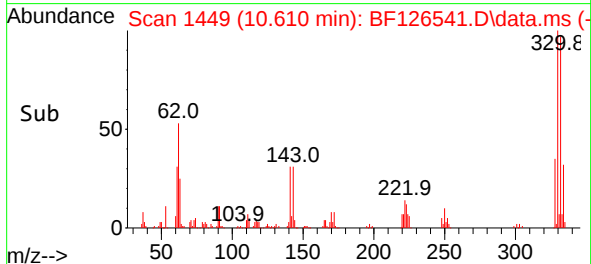
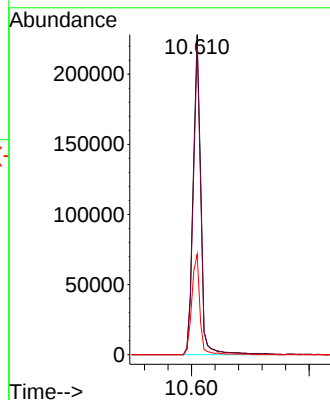
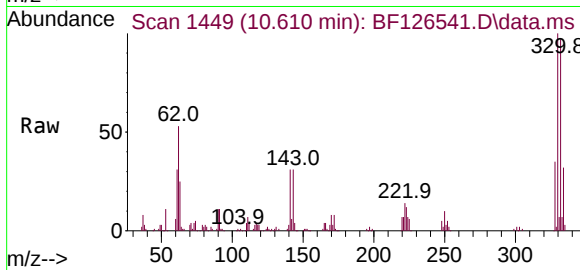
Tgt Ion:330 Resp: 208292

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

141 33.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 88.383 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126541.D

Acq: 7 Jan 2022 14:49

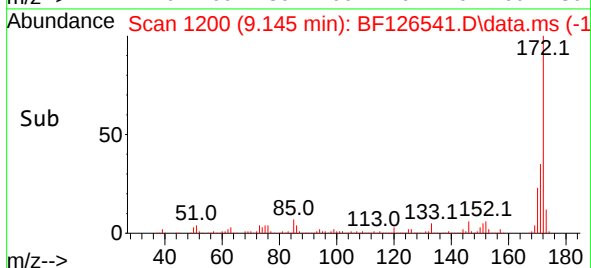
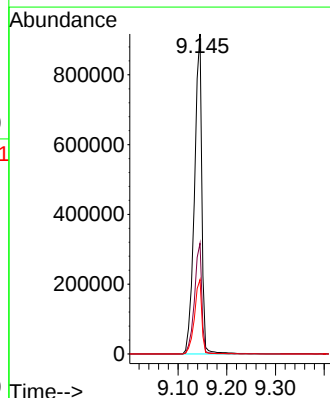
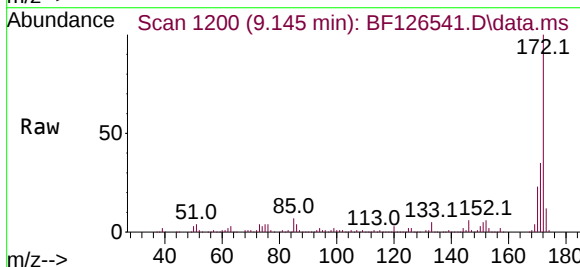
Tgt Ion:172 Resp: 962177

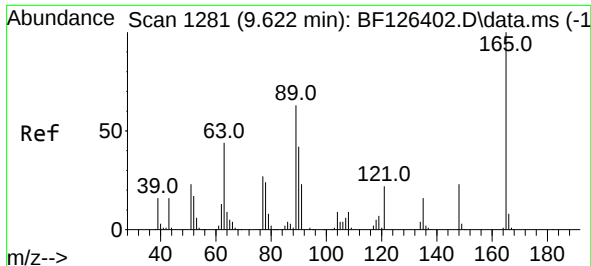
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.3 19.0 28.6

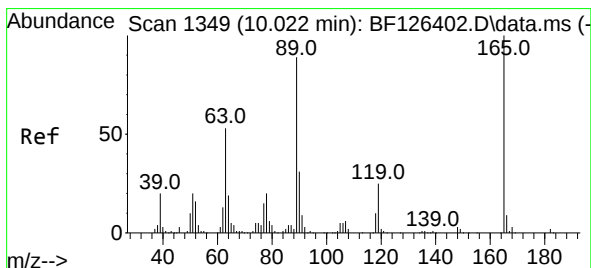
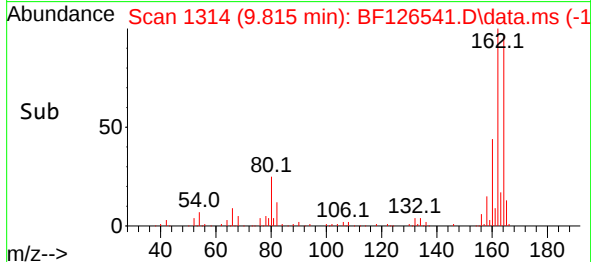
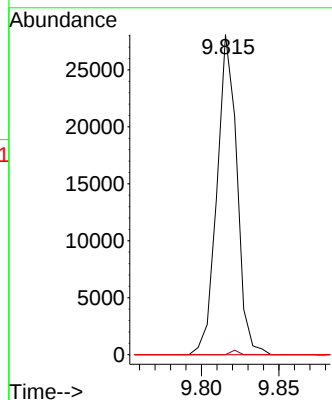
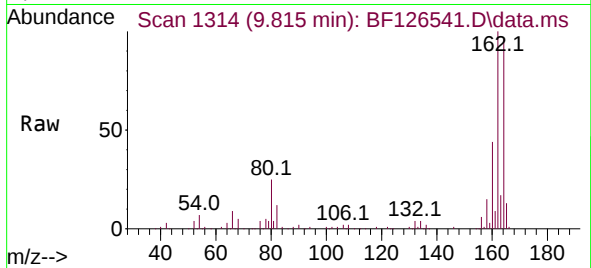




#51  
2,6-Dinitrotoluene  
Concen: 9.735 ng  
RT: 9.815 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

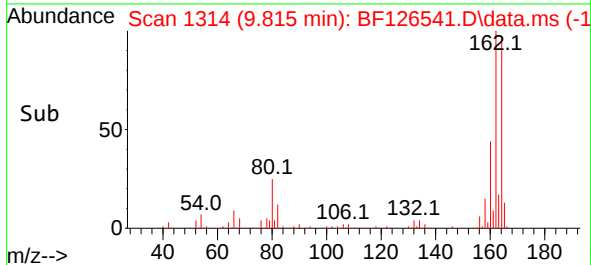
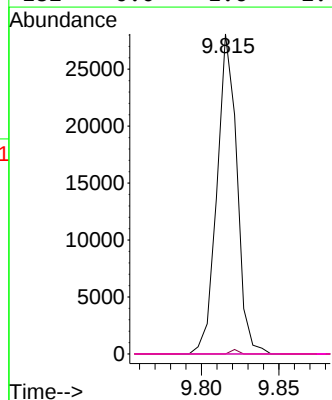
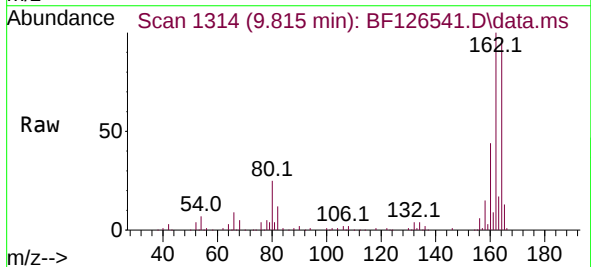
Instrument :  
BNA\_F  
ClientSampleId :  
PB141793BL

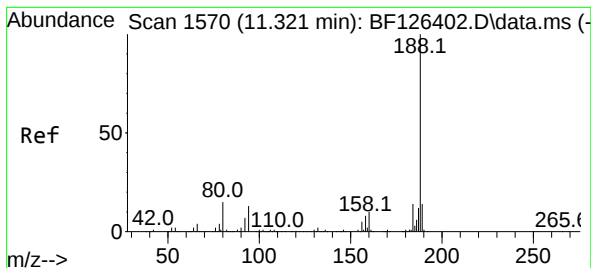
Tgt Ion:165 Resp: 25143  
Ion Ratio Lower Upper  
165 100  
63 0.0 48.4 72.6#  
89 0.0 50.5 75.7#



#57  
2,4-Dinitrotoluene  
Concen: 7.545 ng  
RT: 9.815 min Scan# 1314  
Delta R.T. -0.200 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

Tgt Ion:165 Resp: 25143  
Ion Ratio Lower Upper  
165 100  
63 0.0 43.0 64.6#  
89 0.0 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

Lab File: BF126541.D

Acq: 7 Jan 2022 14:49

Instrument :

BNA\_F

ClientSampleId :

PB141793BL

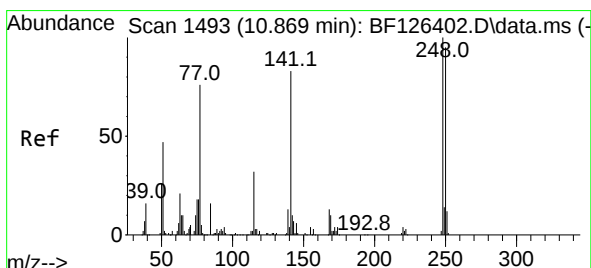
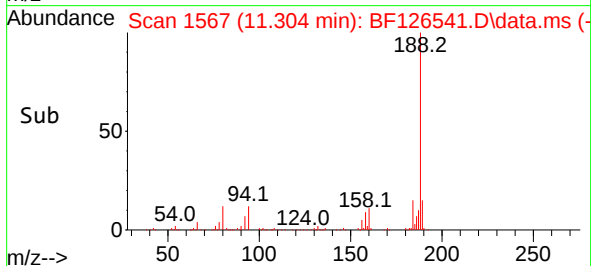
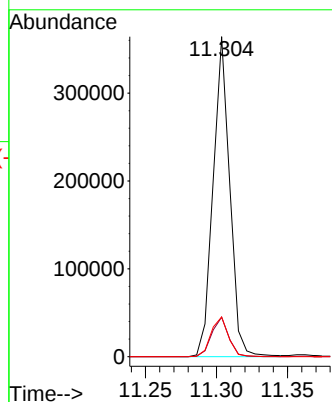
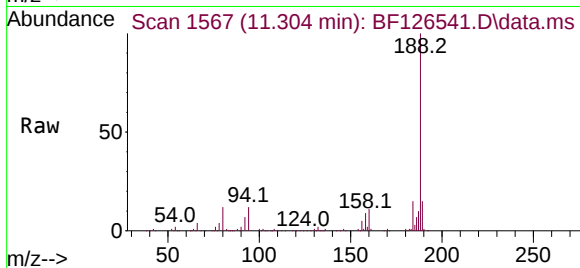
Tgt Ion:188 Resp: 296425

Ion Ratio Lower Upper

188 100

94 12.4 10.1 15.1

80 12.4 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.987 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF126541.D

Acq: 7 Jan 2022 14:49

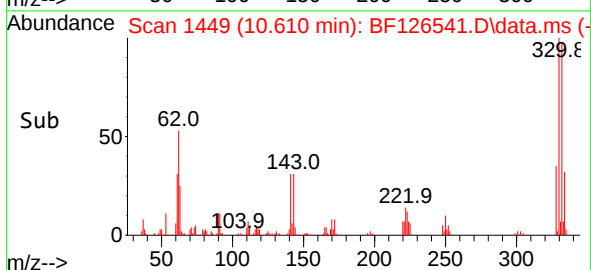
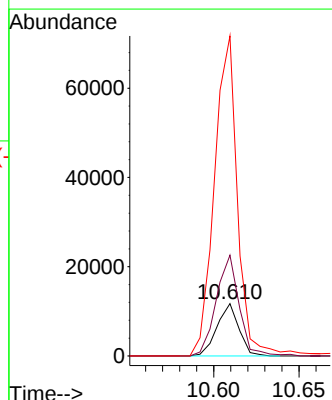
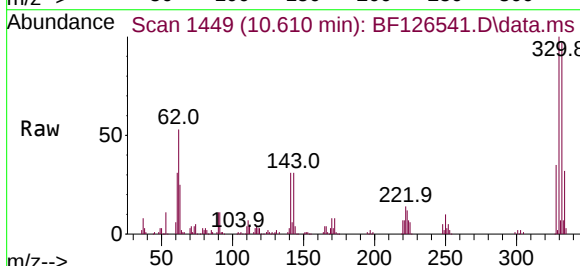
Tgt Ion:248 Resp: 10489

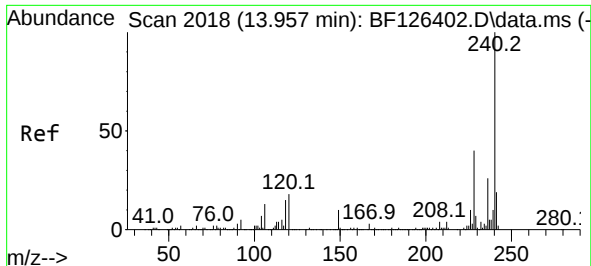
Ion Ratio Lower Upper

248 100

250 192.5 76.2 114.4#

141 611.3 66.2 99.4#

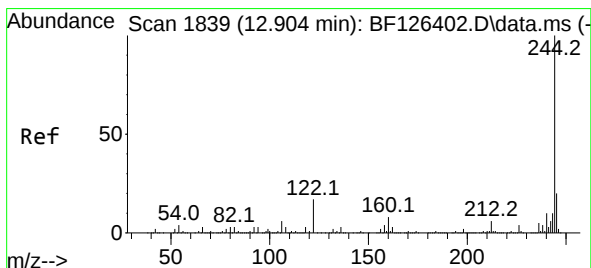
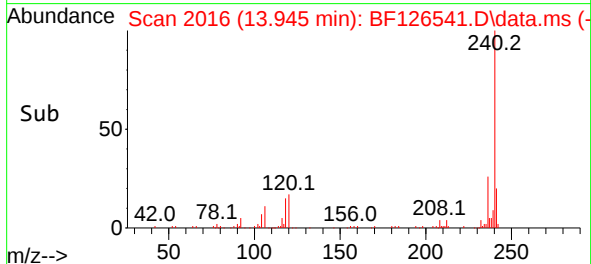
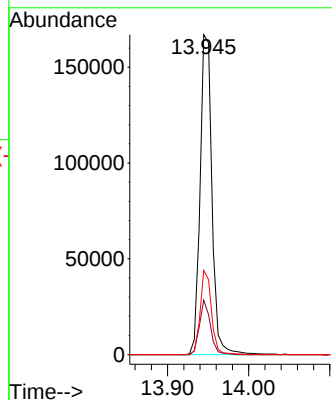
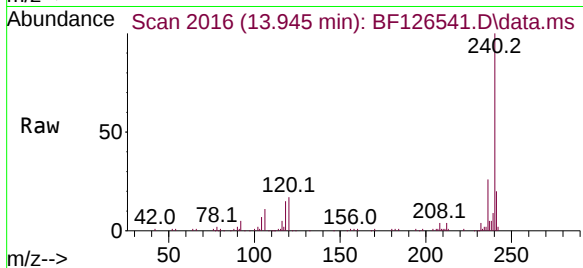




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

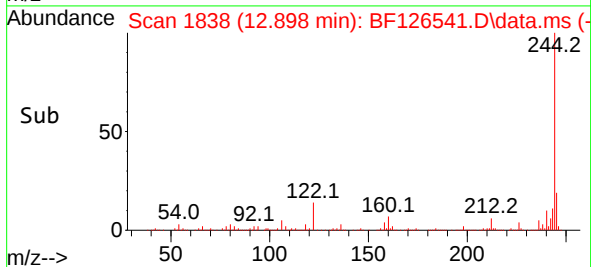
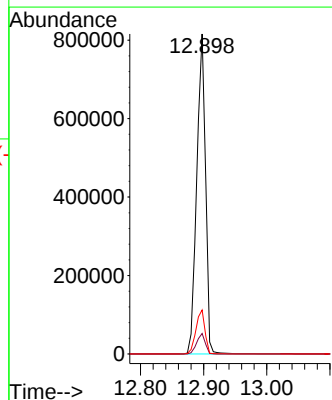
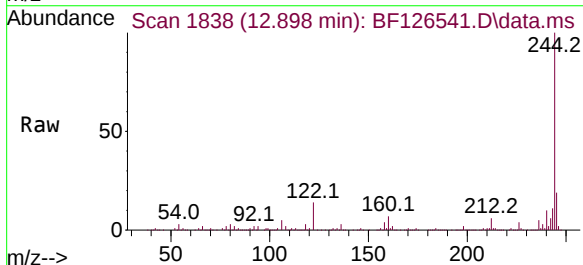
Instrument :  
BNA\_F  
ClientSampleId :  
PB141793BL

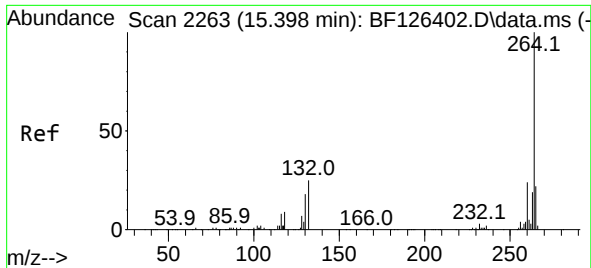
Tgt Ion:240 Resp: 170867  
Ion Ratio Lower Upper  
240 100  
120 17.0 14.4 21.6  
236 26.3 20.5 30.7



#79  
Terphenyl-d14  
Concen: 89.483 ng  
RT: 12.898 min Scan# 1838  
Delta R.T. -0.000 min  
Lab File: BF126541.D  
Acq: 7 Jan 2022 14:49

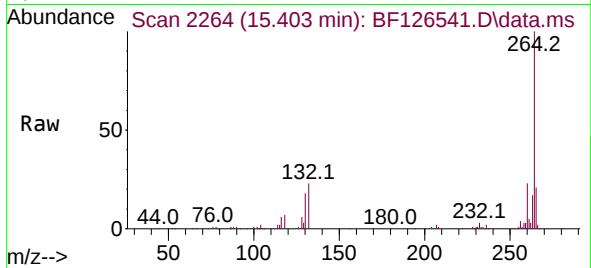
Tgt Ion:244 Resp: 786940  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.0 7.4  
122 13.7 13.3 19.9





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.403 min Scan# 21  
 Delta R.T. 0.017 min  
 Lab File: BF126541.D  
 Acq: 7 Jan 2022 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB141793BL



Tgt Ion:264 Resp: 155272  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 19.2 28.8  
 265 20.7 17.4 26.2

