

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010522\  
 Data File : BF126510.D  
 Acq On : 5 Jan 2022 22:23  
 Operator : JU/CG  
 Sample : N1014-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11944

Quant Time: Jan 06 01:12:11 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

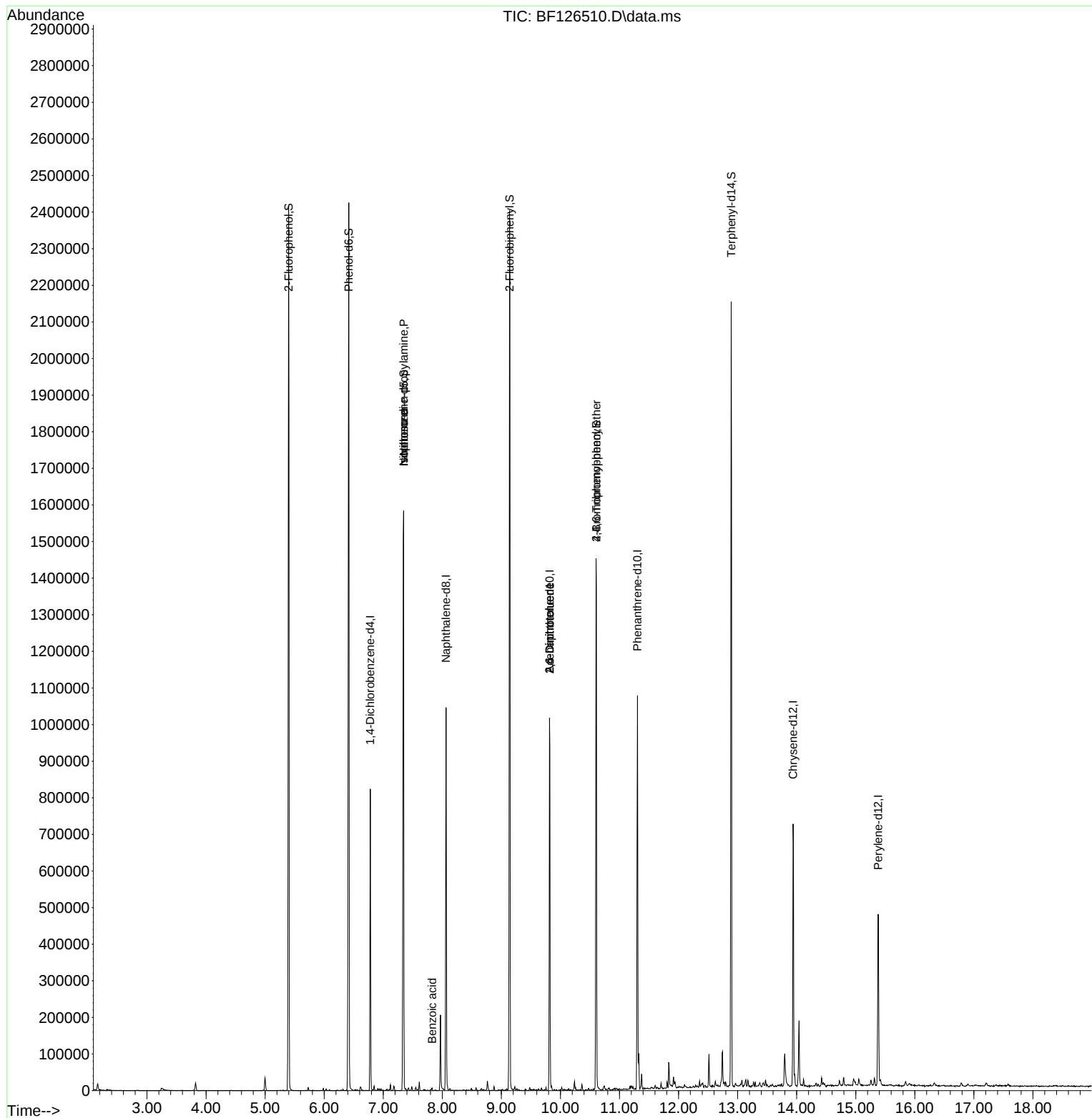
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 105545   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 454130   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.816  | 164  | 215444   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 356680   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 13.939 | 240  | 237700   | 20.000    | ng    | -0.01    |
| 86) Perylene-d12              | 15.380 | 264  | 193057   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 725163   | 98.667    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.416  | 99   | 912010   | 95.806    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 572784   | 64.762    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 182792   | 109.796   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 803860   | 65.659    | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.892 | 244  | 730446   | 59.706    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 70679    | 13.011    | ng    | # 80     |
| 25) Isophorone                | 7.345  | 82   | 570776   | 36.050    | ng    | # 69     |
| 32) Benzoic acid              | 7.828  | 122  | 353      | 7.143     | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 27214    | 9.369     | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 27214    | 7.262     | ng    | # 15     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 9774     | 3.087     | ng    | # 1      |
| 77) Benzidine                 | 12.892 | 184  | 9350     | Below Cal |       | # 93     |
| -----                         |        |      |          |           |       |          |

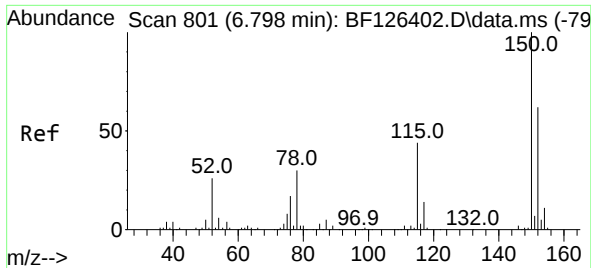
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010522\  
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Sample : N1014-01  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
72-11944

Quant Time: Jan 06 01:12:11 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

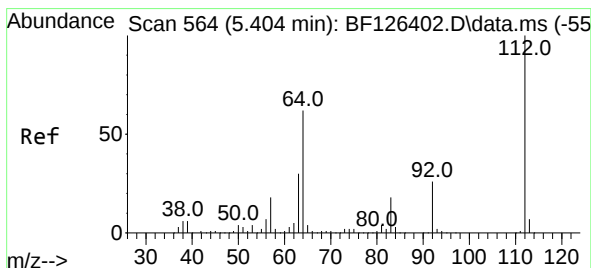
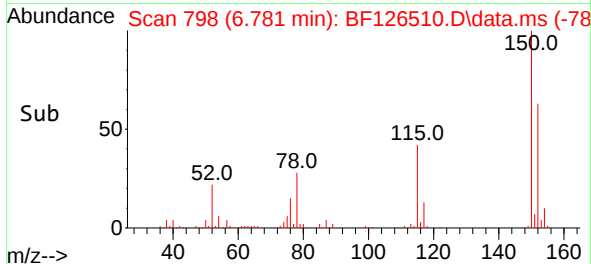
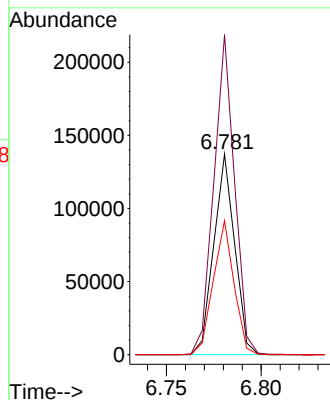
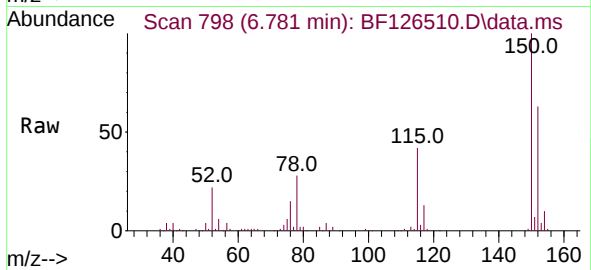




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF126510.D  
 Acq: 5 Jan 2022 22:23

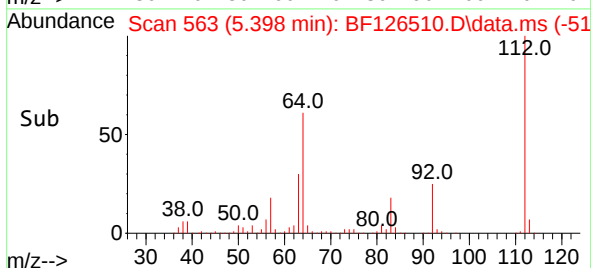
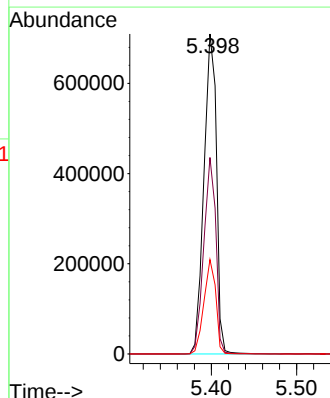
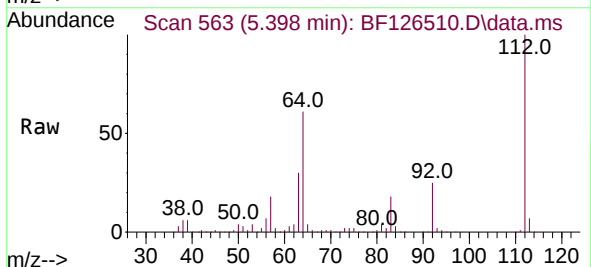
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11944

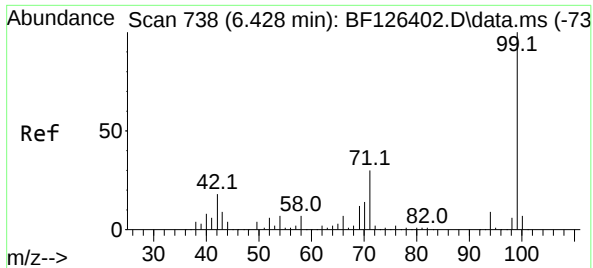
Tgt Ion:152 Resp: 105545  
 Ion Ratio Lower Upper  
 152 100  
 150 159.4 128.1 192.1  
 115 66.7 56.7 85.1



#5  
 2-Fluorophenol  
 Concen: 98.667 ng  
 RT: 5.398 min Scan# 563  
 Delta R.T. 0.006 min  
 Lab File: BF126510.D  
 Acq: 5 Jan 2022 22:23

Tgt Ion:112 Resp: 725163  
 Ion Ratio Lower Upper  
 112 100  
 64 61.4 49.5 74.3  
 63 29.5 23.9 35.9

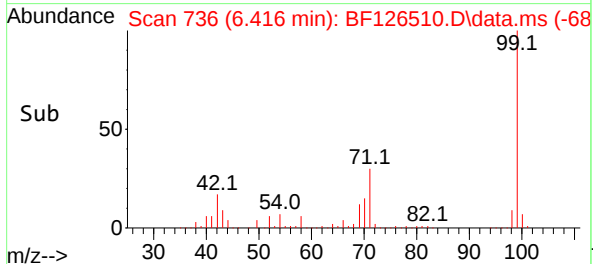
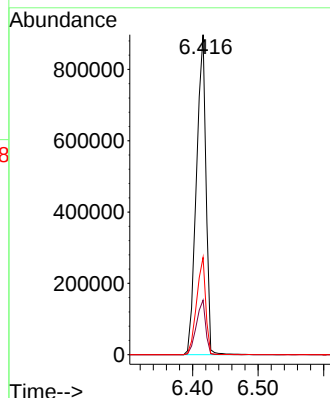
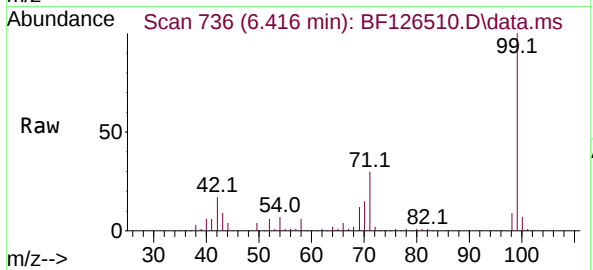




#7  
Phenol-d6  
Concen: 95.806 ng  
RT: 6.416 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

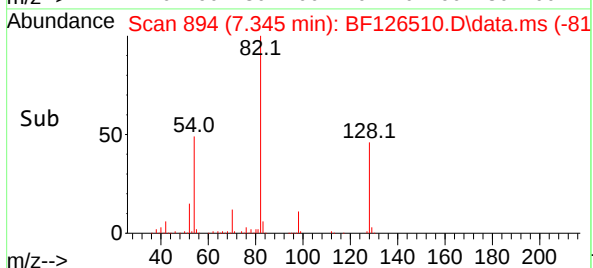
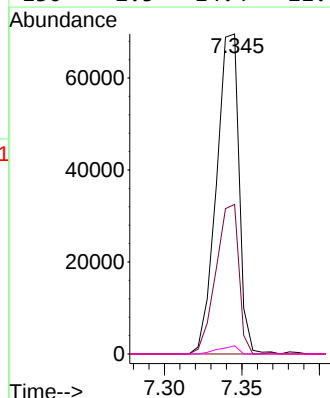
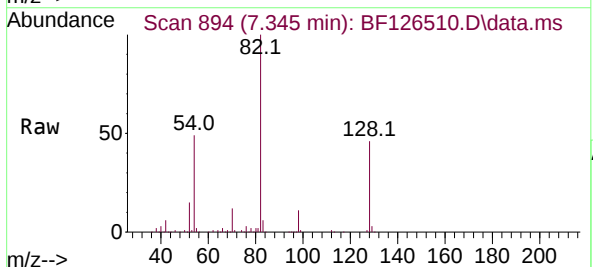
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944

Tgt Ion: 99 Resp: 912010  
Ion Ratio Lower Upper  
99 100  
42 17.0 14.2 21.4  
71 30.4 24.3 36.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.011 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.141 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

Tgt Ion: 70 Resp: 70679  
Ion Ratio Lower Upper  
70 100  
42 46.8 45.8 68.8  
101 0.0 6.9 10.3#  
130 2.5 14.4 21.6#



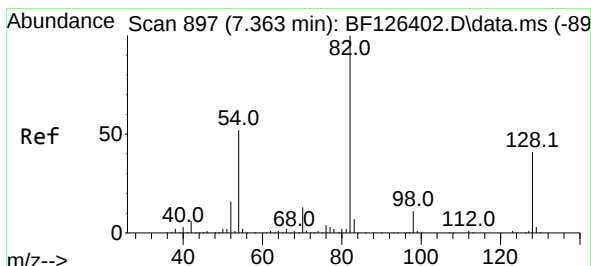
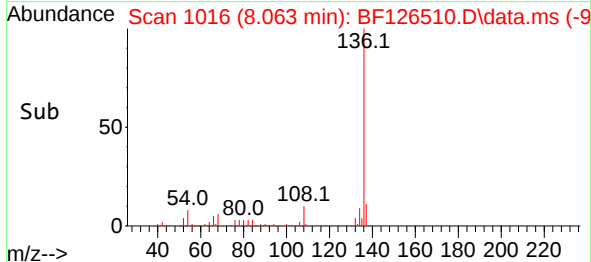
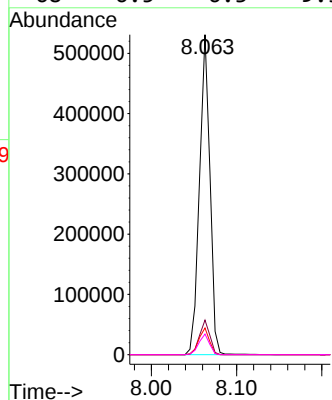
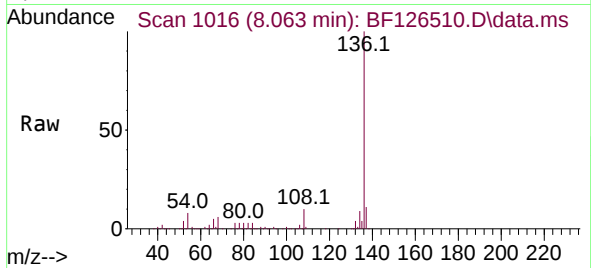


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

Instrument :  
BNA\_F  
ClientSampleId :  
72-11944

Tgt Ion:136 Resp: 454130

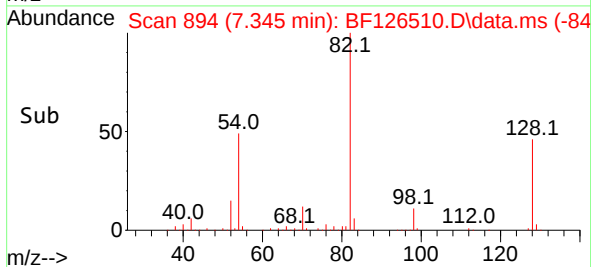
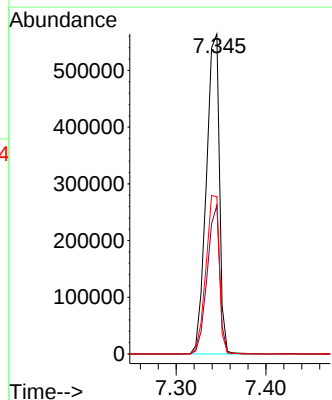
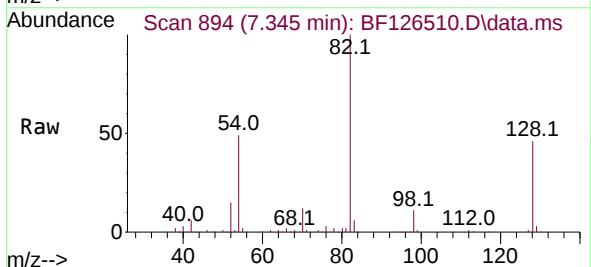
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 13.0  |
| 54  | 8.3   | 7.8   | 11.6  |
| 68  | 6.5   | 6.3   | 9.5   |



#23  
Nitrobenzene-d5  
Concen: 64.762 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

Tgt Ion: 82 Resp: 572784

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.4  | 32.7  | 49.1  |
| 54  | 49.1  | 41.7  | 62.5  |

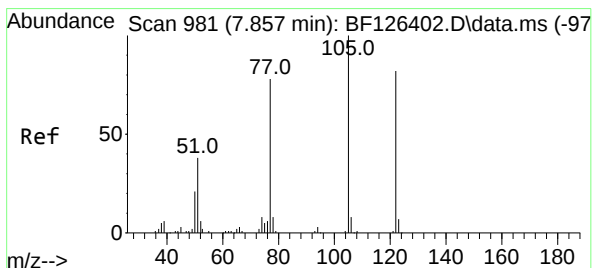
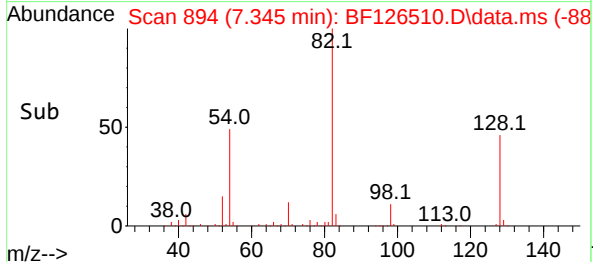
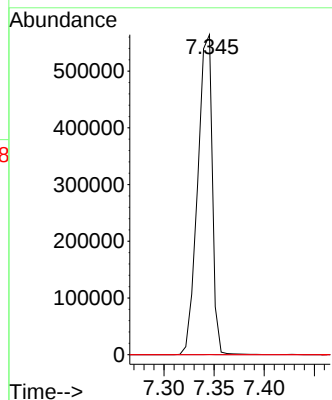
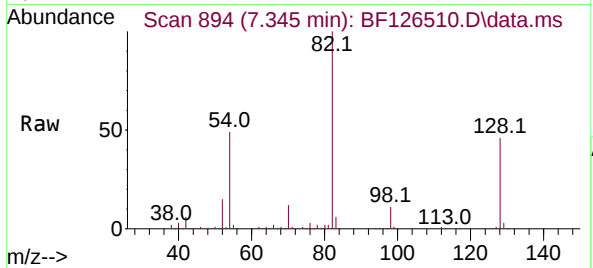




#25  
Isophorone  
Concen: 36.050 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.265 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

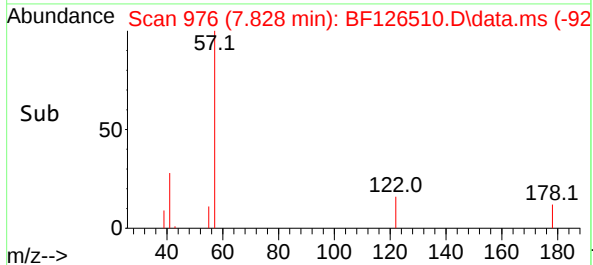
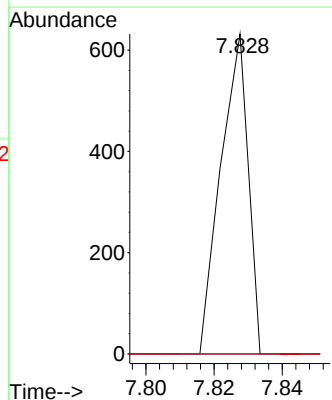
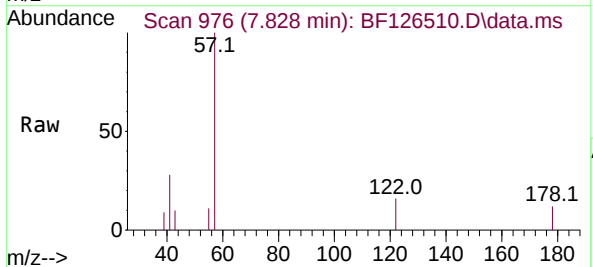
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944

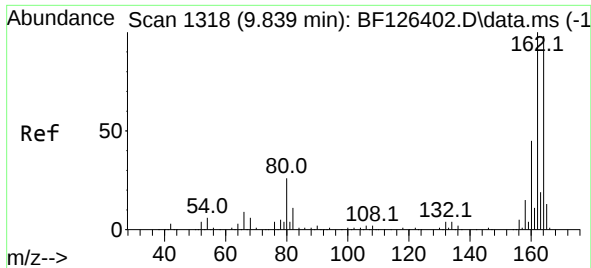
Tgt Ion: 82 Resp: 570776  
Ion Ratio Lower Upper  
82 100  
95 0.1 5.0 7.4#  
138 0.0 12.3 18.5#



#32  
Benzoic acid  
Concen: 7.143 ng  
RT: 7.828 min Scan# 976  
Delta R.T. -0.018 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

Tgt Ion:122 Resp: 353  
Ion Ratio Lower Upper  
122 100  
105 0.0 101.0 141.0#  
77 0.0 74.5 114.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126510.D

Acq: 5 Jan 2022 22:23

Instrument :

BNA\_F

ClientSampleId :

72-11944

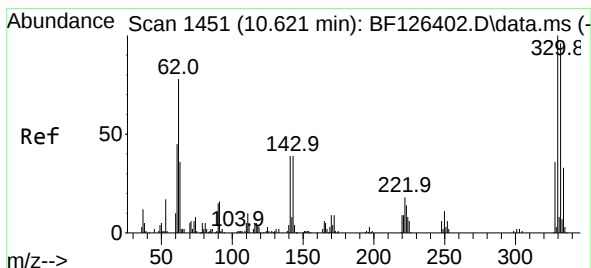
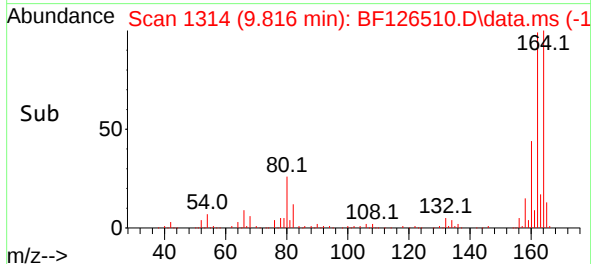
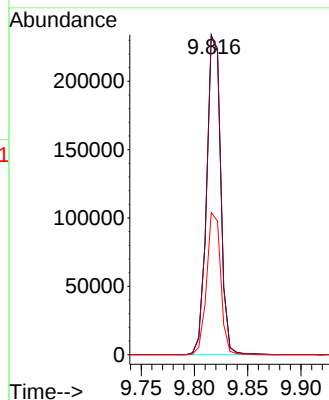
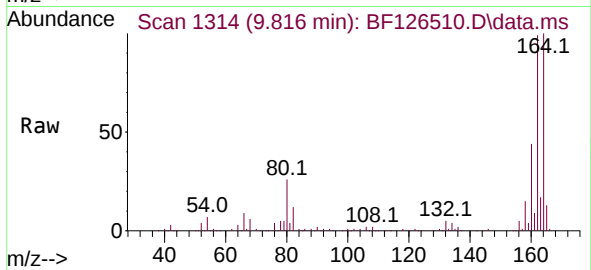
Tgt Ion:164 Resp: 215444

Ion Ratio Lower Upper

164 100

162 99.3 81.4 122.0

160 44.4 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 109.796 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126510.D

Acq: 5 Jan 2022 22:23

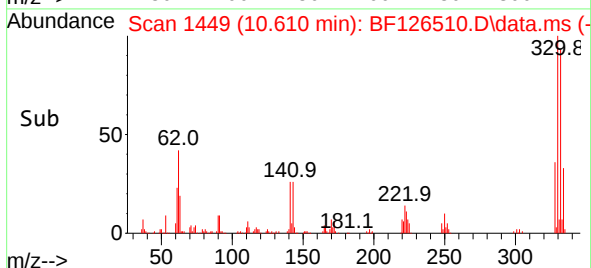
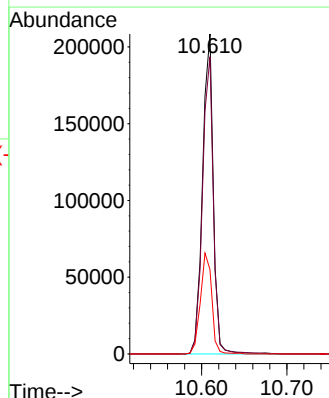
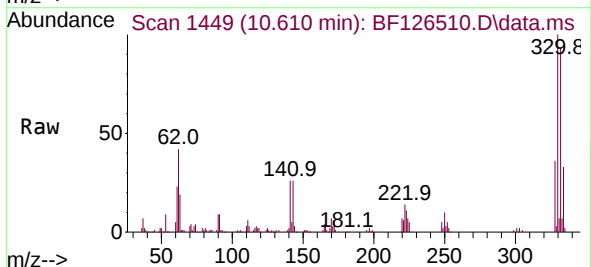
Tgt Ion:330 Resp: 182792

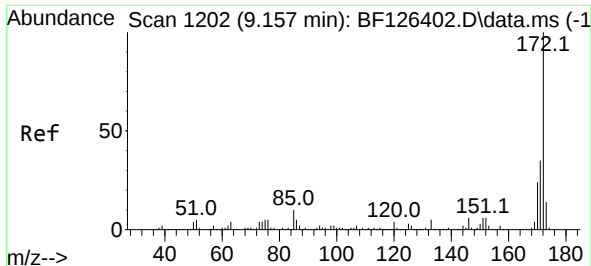
Ion Ratio Lower Upper

330 100

332 93.8 76.0 114.0

141 33.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 65.659 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126510.D

Acq: 5 Jan 2022 22:23

Instrument :

BNA\_F

ClientSampleId :

72-11944

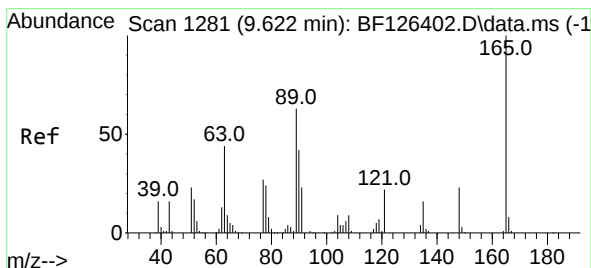
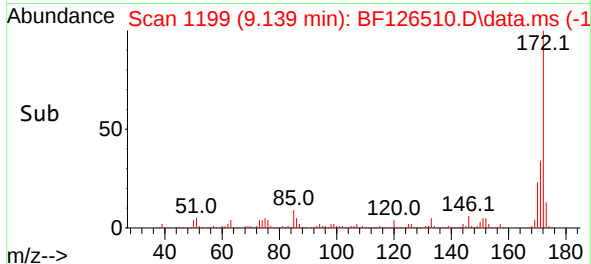
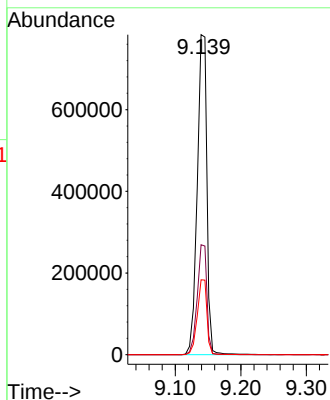
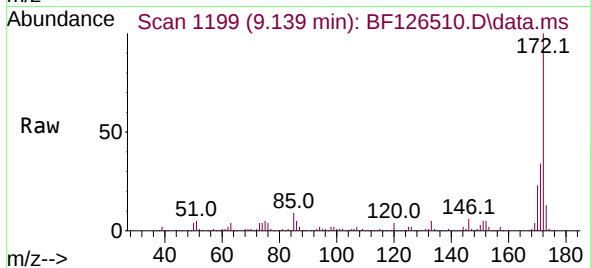
Tgt Ion:172 Resp: 803860

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.4 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.369 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.206 min

Lab File: BF126510.D

Acq: 5 Jan 2022 22:23

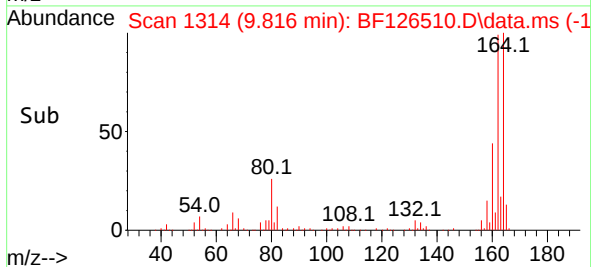
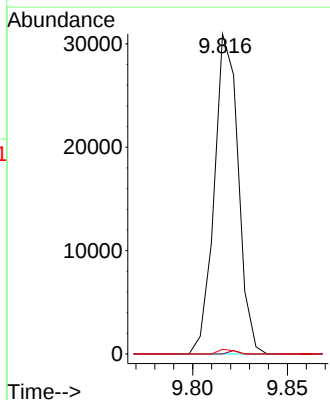
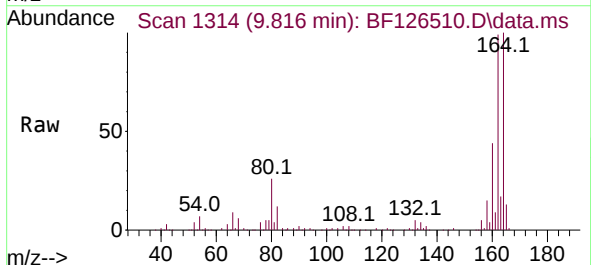
Tgt Ion:165 Resp: 27214

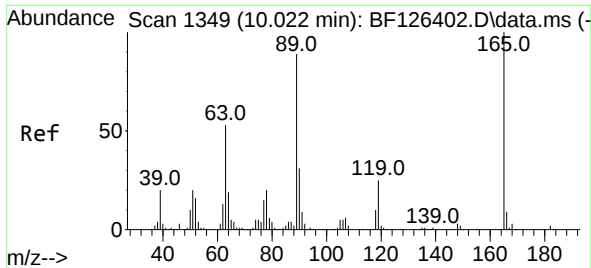
Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

89 1.5 50.5 75.7#

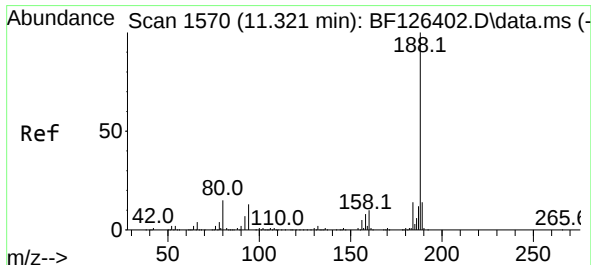
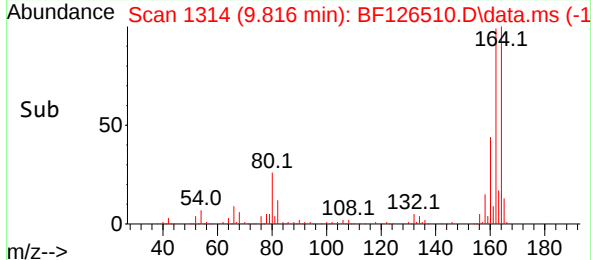
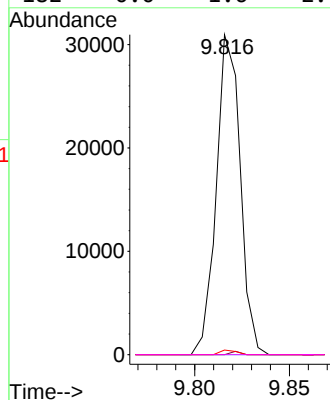
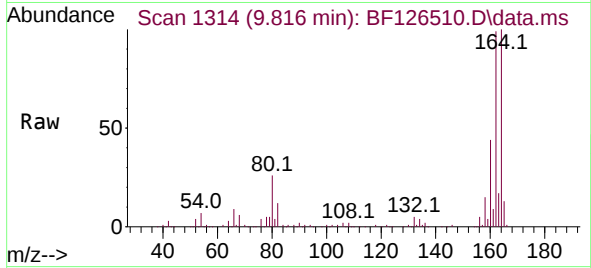




#57  
2,4-Dinitrotoluene  
Concen: 7.262 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

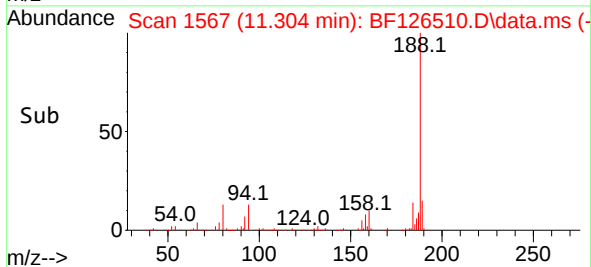
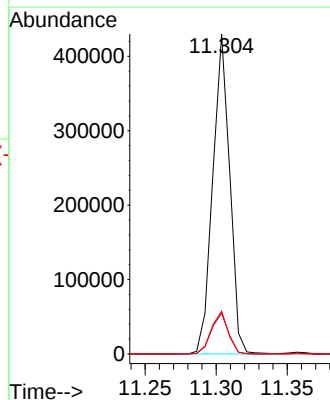
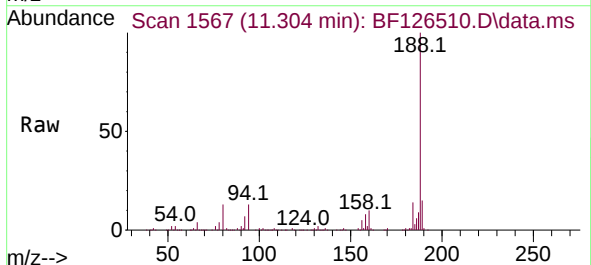
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944

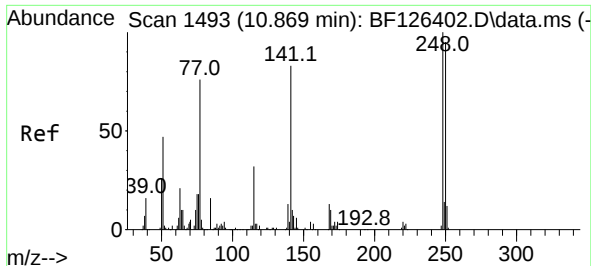
Tgt Ion:165 Resp: 27214  
Ion Ratio Lower Upper  
165 100  
63 0.0 43.0 64.6#  
89 1.5 71.0 106.4#  
182 0.0 1.6 2.4#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

Tgt Ion:188 Resp: 356680  
Ion Ratio Lower Upper  
188 100  
94 12.8 10.1 15.1  
80 13.4 11.8 17.6

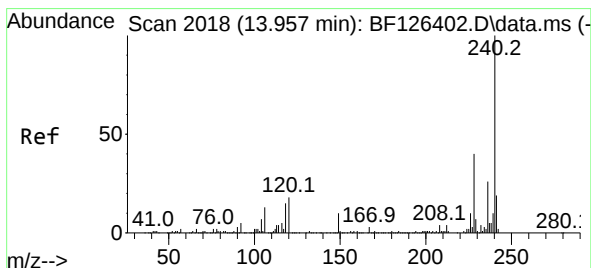
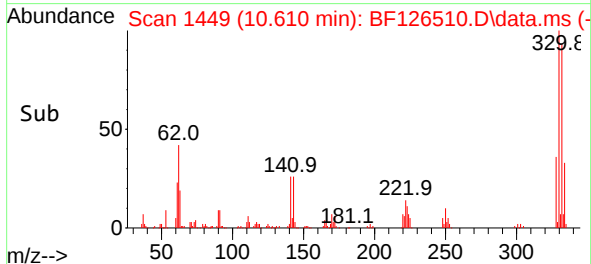
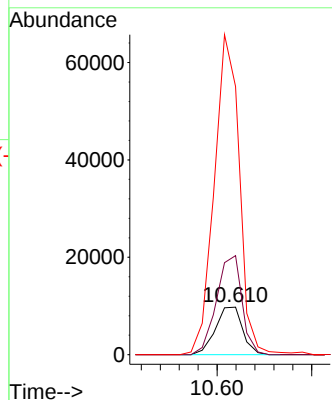
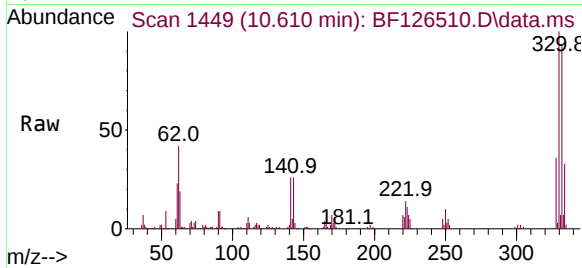




#67  
4-Bromophenyl-phenylether  
Concen: 3.087 ng  
RT: 10.610 min Scan# 1493  
Delta R.T. -0.247 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

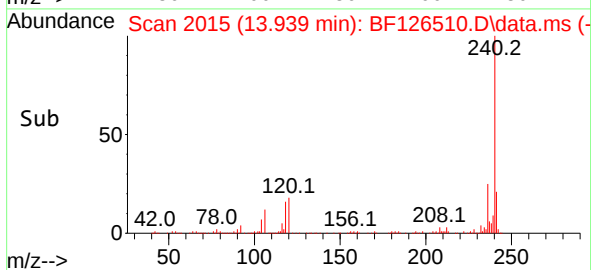
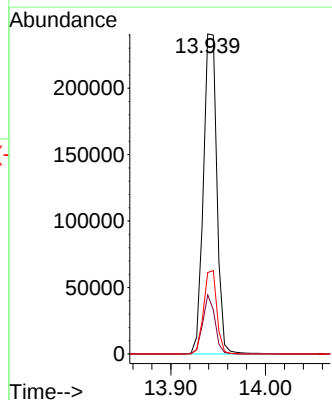
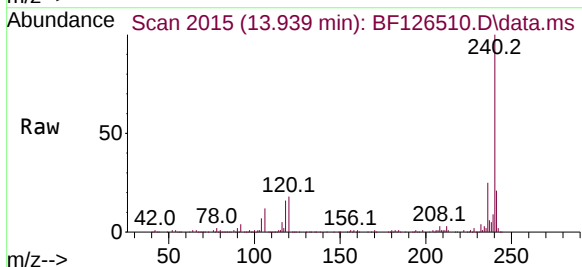
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944

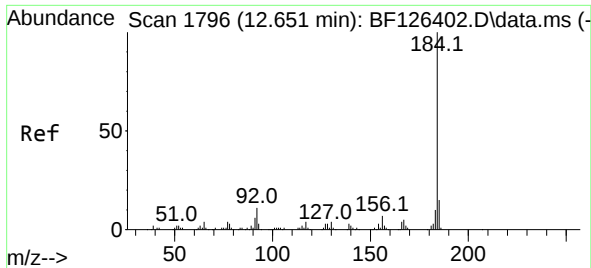
Tgt Ion:248 Resp: 9774  
Ion Ratio Lower Upper  
248 100  
250 208.3 76.2 114.4#  
141 564.1 66.2 99.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. -0.012 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

Tgt Ion:240 Resp: 237700  
Ion Ratio Lower Upper  
240 100  
120 18.5 14.4 21.6  
236 25.5 20.5 30.7

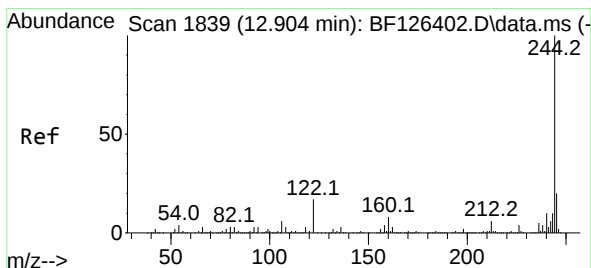
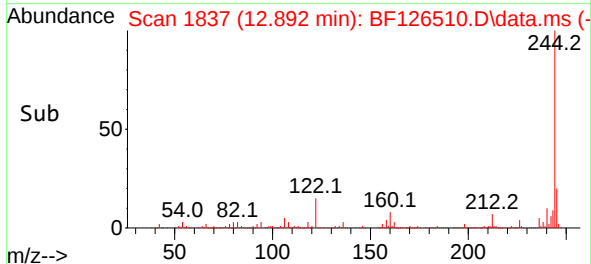
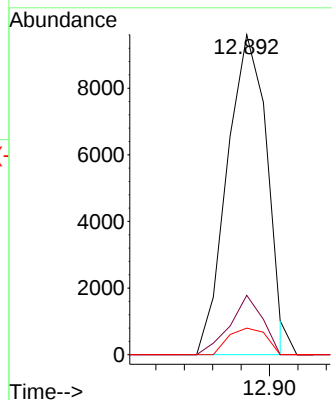
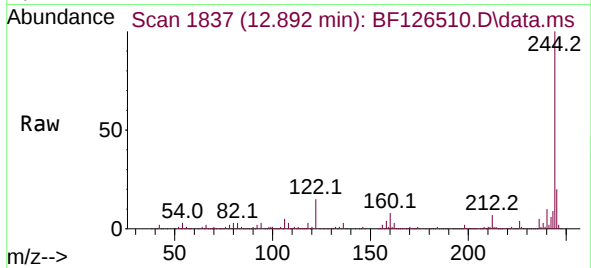




#77  
Benzidine  
Concen: Below Cal  
RT: 12.892 min Scan# 1837  
Delta R.T. 0.253 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

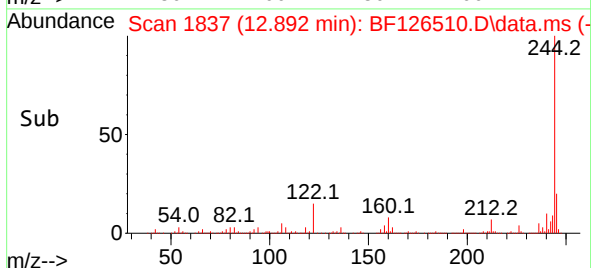
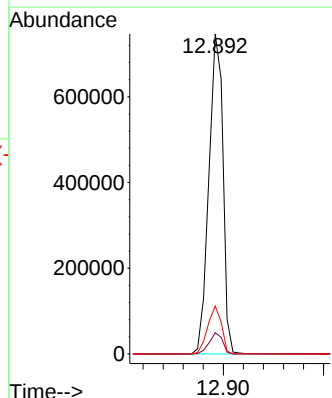
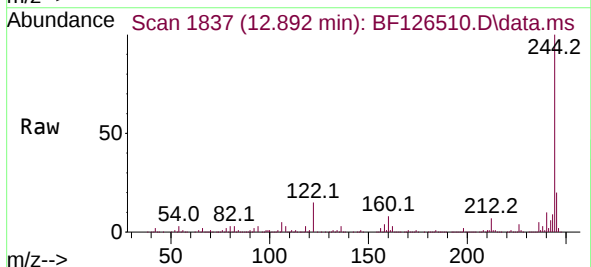
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944

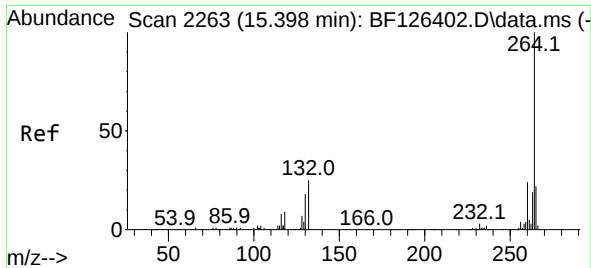
Tgt Ion:184 Resp: 9350  
Ion Ratio Lower Upper  
184 100  
185 18.6 11.8 17.8#  
183 8.3 8.2 12.2



#79  
Terphenyl-d14  
Concen: 59.706 ng  
RT: 12.892 min Scan# 1837  
Delta R.T. -0.006 min  
Lab File: BF126510.D  
Acq: 5 Jan 2022 22:23

Tgt Ion:244 Resp: 730446  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.0 7.4  
122 15.0 13.3 19.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126510.D

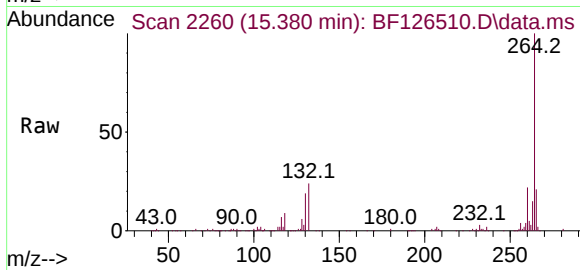
Acq: 5 Jan 2022 22:23

Instrument :

BNA\_F

ClientSampleId :

72-11944



Tgt Ion:264 Resp: 193057

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 21.5 17.4 26.2

