

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021522\  
 Data File : BF126896.D  
 Acq On : 15 Feb 2022 17:21  
 Operator : CG\JU  
 Sample : N1528-09 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONC-2D

Quant Time: Feb 16 00:18:36 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 10 00:44:00 2022  
 Response via : Initial Calibration

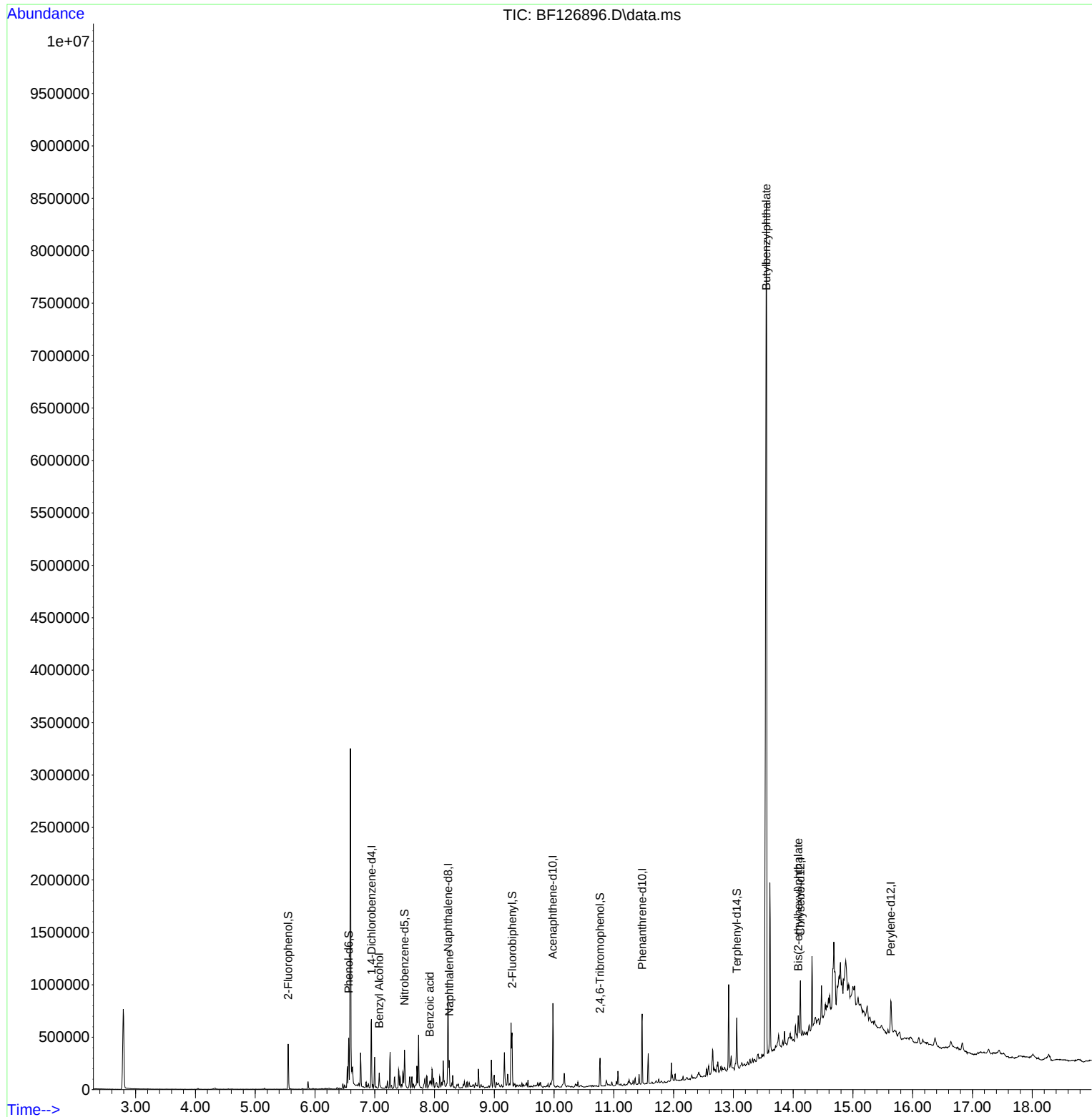
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.945  | 152  | 86662    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.228  | 136  | 317039   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.980  | 164  | 140002   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.474 | 188  | 224993   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.121 | 240  | 167219   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.633 | 264  | 120973   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.551  | 112  | 97668    | 17.352  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.563  | 99   | 122915   | 16.176  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.498  | 82   | 86446    | 12.581  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.769 | 330  | 25781    | 17.177  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.298  | 172  | 133905   | 14.397  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.057 | 244  | 129720   | 11.121  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 15) Benzyl Alcohol            | 7.075  | 79   | 26410    | 4.398   | ng    | 99       |
| 31) Naphthalene               | 8.245  | 128  | 52378    | 3.186   | ng    | 98       |
| 32) Benzoic acid              | 7.922  | 122  | 14393    | 4.440   | ng    | 94       |
| 80) Butylbenzylphthalate      | 13.551 | 149  | 2680584  | 385.656 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.086 | 149  | 57530    | 6.383   | ng    | 97       |
| -----                         |        |      |          |         |       |          |

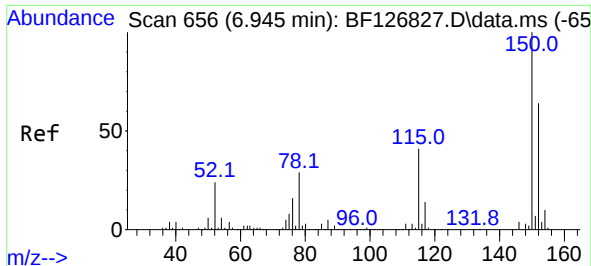
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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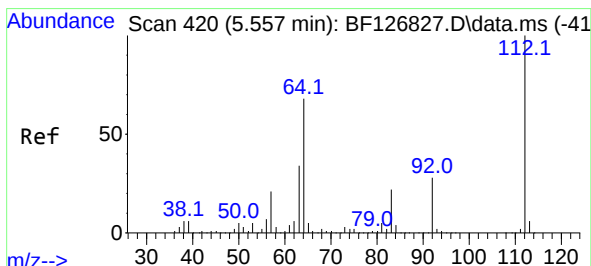
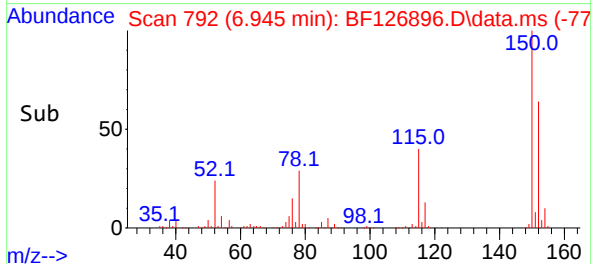
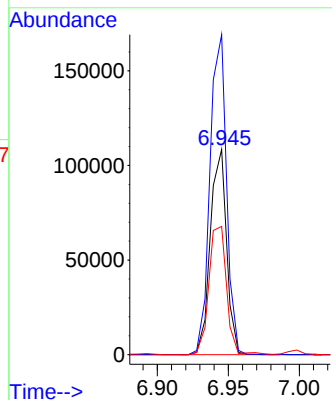
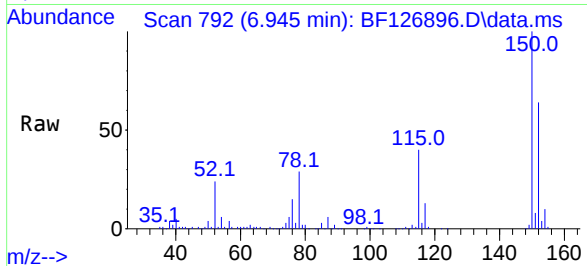




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.945 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

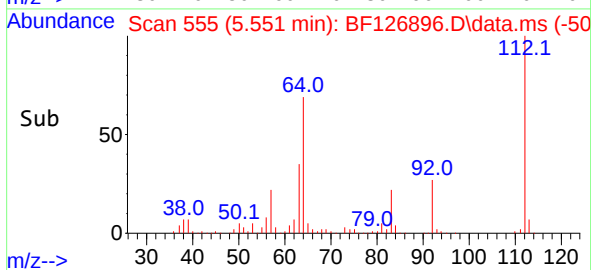
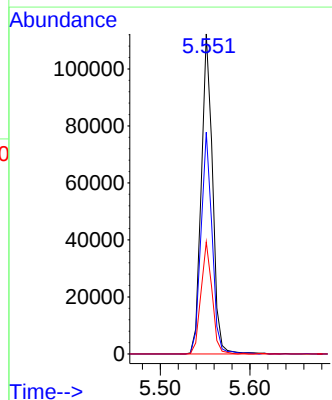
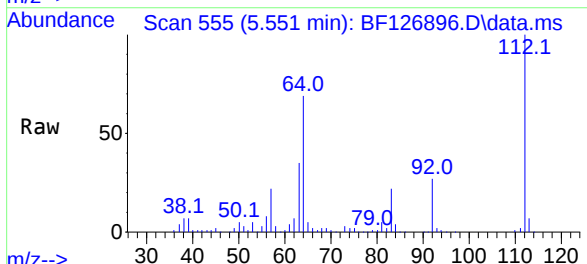
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-2D

Tgt Ion:152 Resp: 86662  
Ion Ratio Lower Upper  
152 100  
150 155.9 124.3 186.5  
115 62.5 50.5 75.7

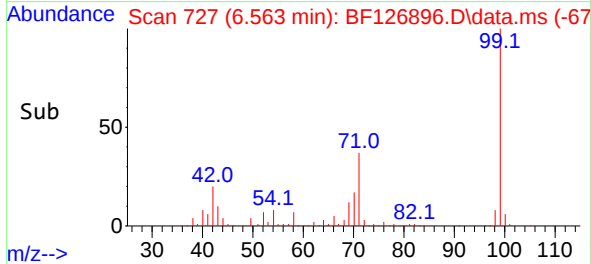
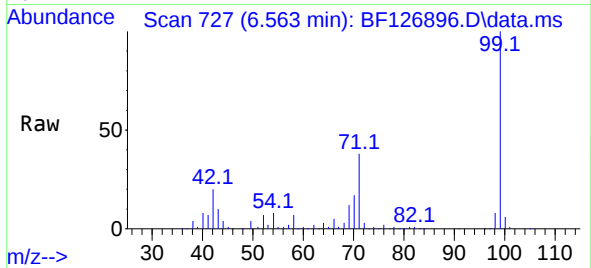
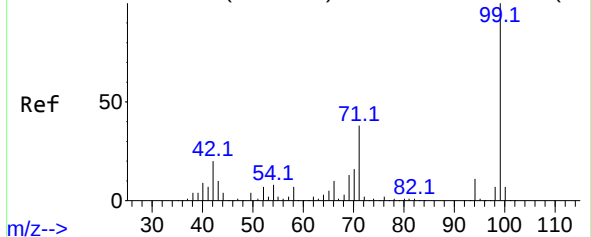


#5  
2-Fluorophenol  
Concen: 17.352 ng  
RT: 5.551 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

Tgt Ion:112 Resp: 97668  
Ion Ratio Lower Upper  
112 100  
64 69.3 54.3 81.5  
63 35.0 27.5 41.3



Abundance Scan 591 (6.563 min): BF126827.D\data.ms (-58



#7

Phenol-d6

Concen: 16.176 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF126896.D

Acq: 15 Feb 2022 17:21

Instrument :

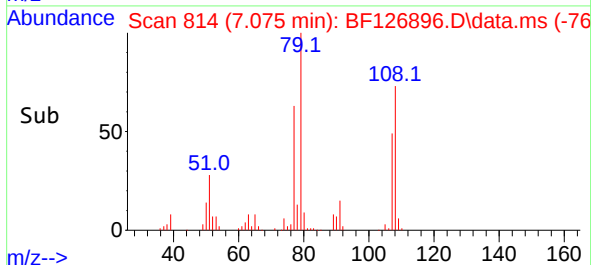
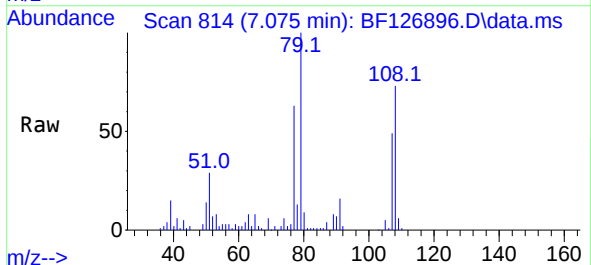
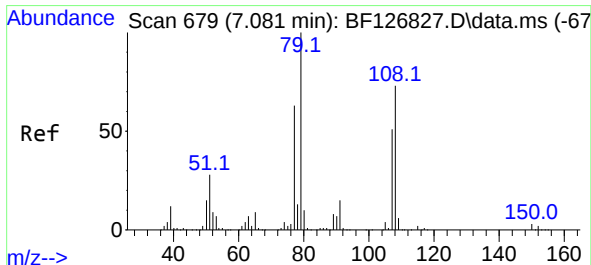
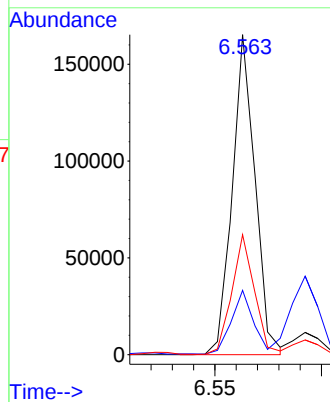
BNA\_F

ClientSampleId :

CONC-2D

Tgt Ion: 99 Resp: 122915

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.1  | 15.8  | 23.6  |
| 71  | 37.5  | 30.6  | 45.8  |



#15

Benzyl Alcohol

Concen: 4.398 ng

RT: 7.075 min Scan# 814

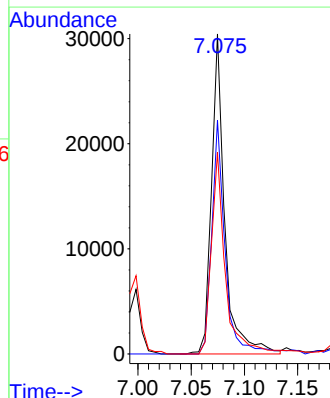
Delta R.T. -0.006 min

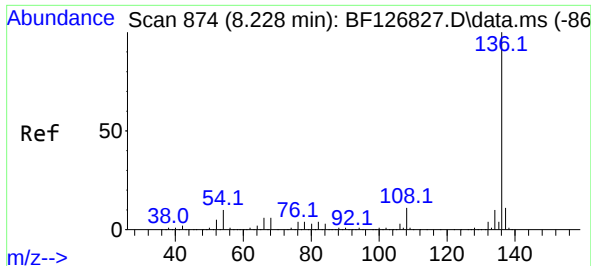
Lab File: BF126896.D

Acq: 15 Feb 2022 17:21

Tgt Ion: 79 Resp: 26410

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 73.0  | 58.1  | 87.1  |
| 77  | 63.0  | 50.0  | 75.0  |



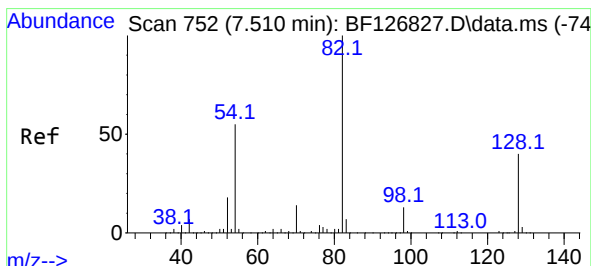
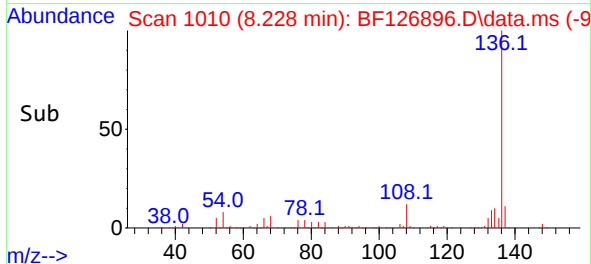
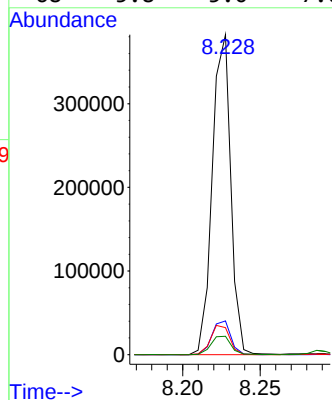
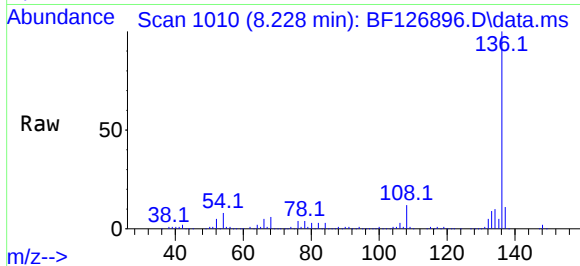


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.228 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

Instrument :  
BNA\_F  
ClientSampleId :  
CONC-2D

Tgt Ion:136 Resp: 317039

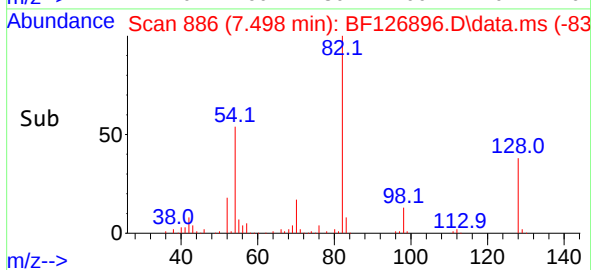
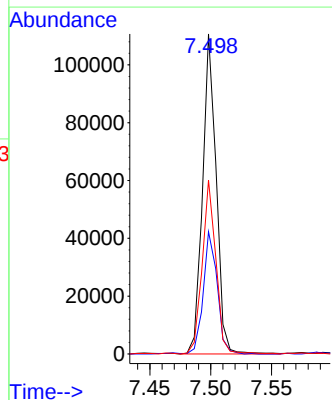
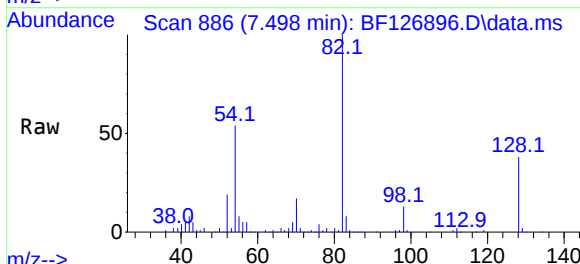
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 8.6   | 12.8  |
| 54  | 8.5   | 8.0   | 12.0  |
| 68  | 5.8   | 5.0   | 7.6   |

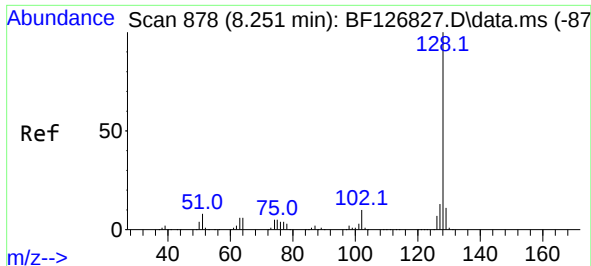


#23  
Nitrobenzene-d5  
Concen: 12.581 ng  
RT: 7.498 min Scan# 886  
Delta R.T. -0.012 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

Tgt Ion: 82 Resp: 86446

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.2  | 31.6  | 47.4  |
| 54  | 54.4  | 43.7  | 65.5  |

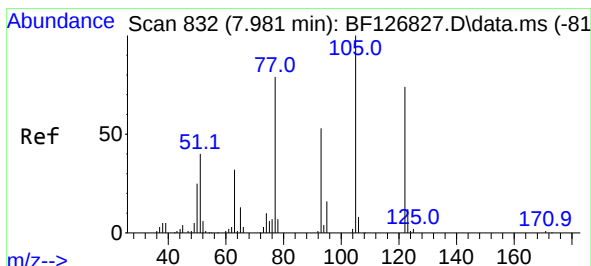
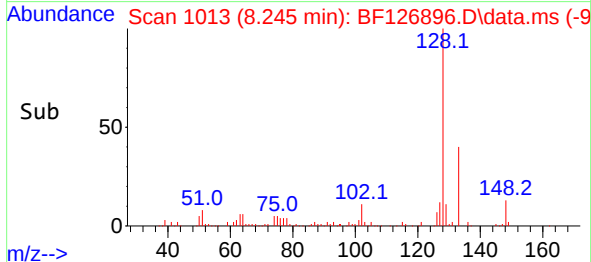
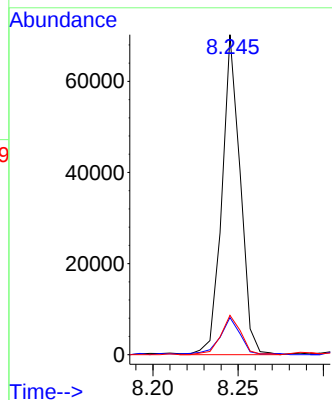
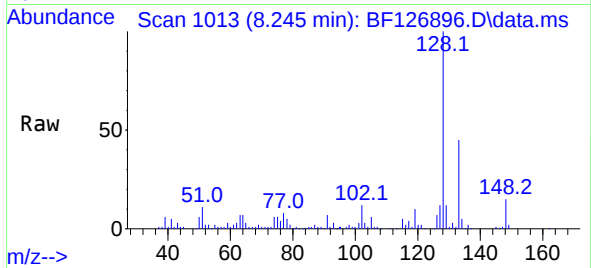




#31  
Naphthalene  
Concen: 3.186 ng  
RT: 8.245 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

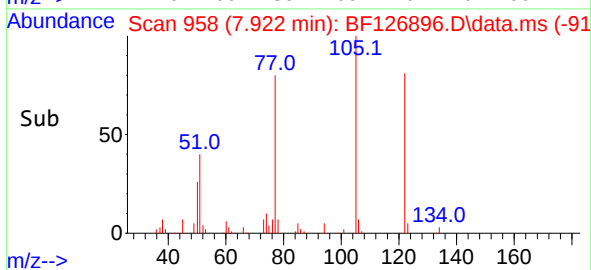
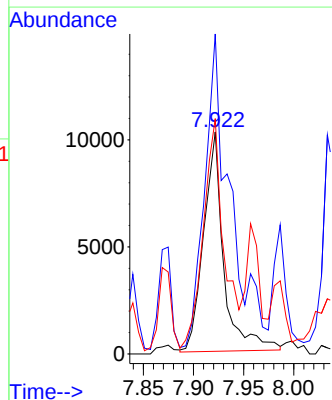
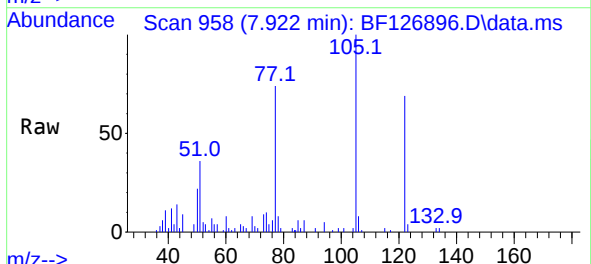
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-2D

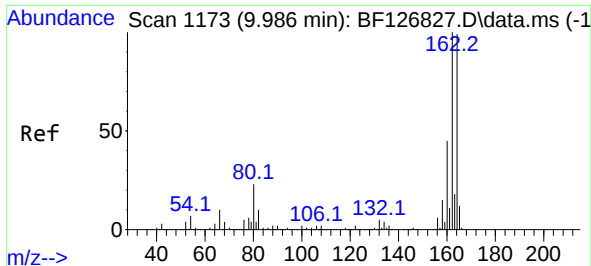
Tgt Ion:128 Resp: 52378  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.8 13.2  
127 12.3 10.6 15.8



#32  
Benzoic acid  
Concen: 4.440 ng  
RT: 7.922 min Scan# 958  
Delta R.T. -0.059 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

Tgt Ion:122 Resp: 14393  
Ion Ratio Lower Upper  
122 100  
105 144.1 112.5 152.5  
77 106.0 86.6 126.6

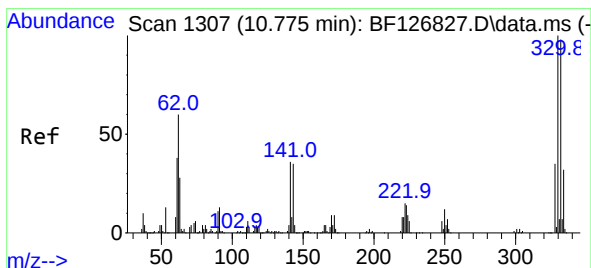
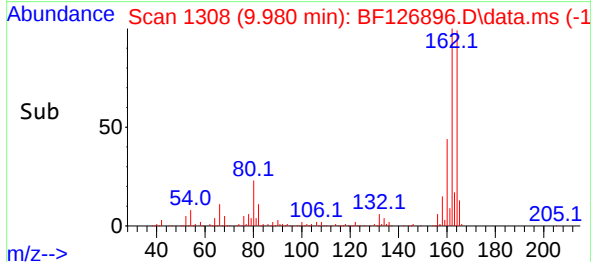
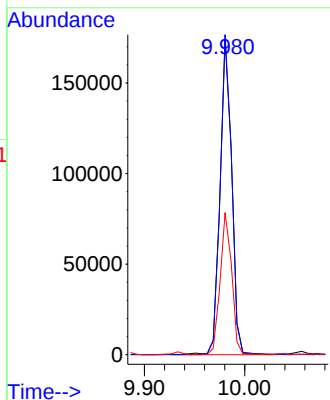
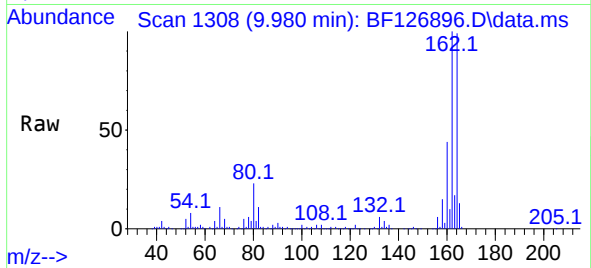




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.980 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

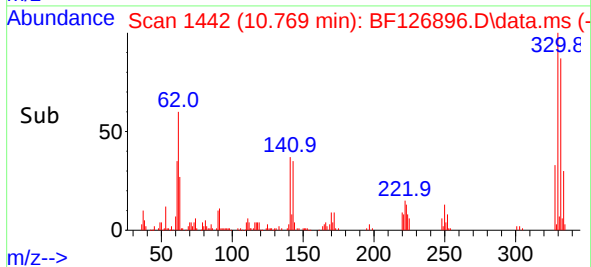
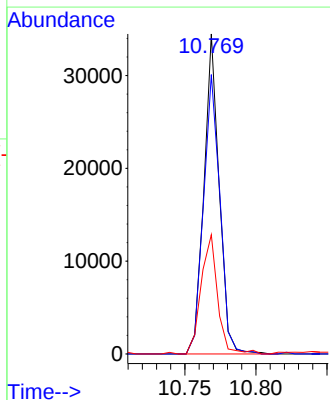
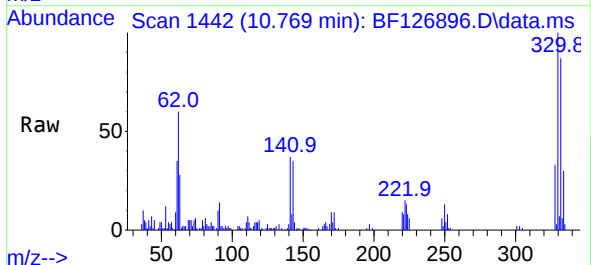
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-2D

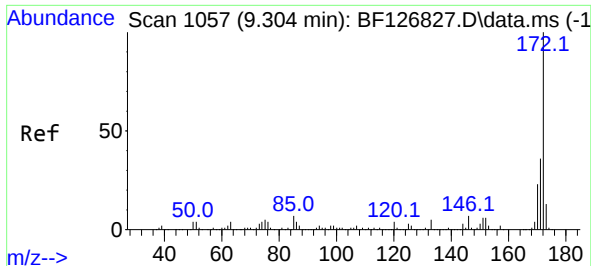
Tgt Ion:164 Resp: 140002  
Ion Ratio Lower Upper  
164 100  
162 101.5 80.9 121.3  
160 45.1 36.0 54.0



#42  
2,4,6-Tribromophenol  
Concen: 17.177 ng  
RT: 10.769 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

Tgt Ion:330 Resp: 25781  
Ion Ratio Lower Upper  
330 100  
332 94.0 78.2 117.4  
141 40.7 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 14.397 ng

RT: 9.298 min Scan# 11192

Delta R.T. -0.006 min

Lab File: BF126896.D

Acq: 15 Feb 2022 17:21

Instrument :

BNA\_F

ClientSampleId :

CONC-2D

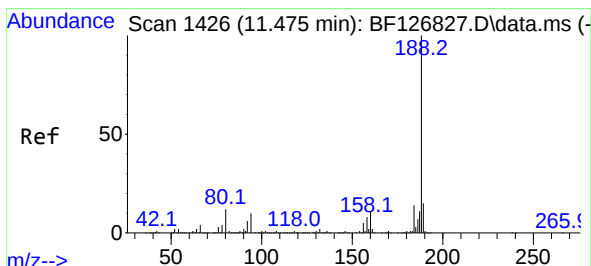
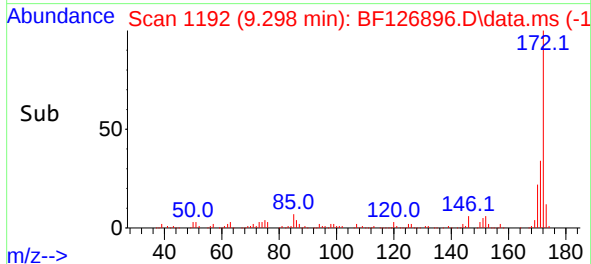
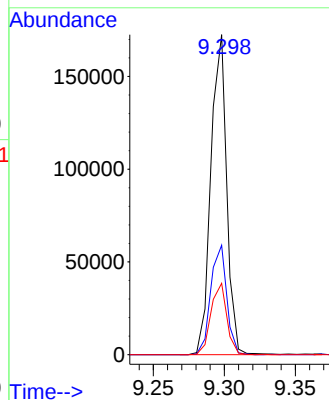
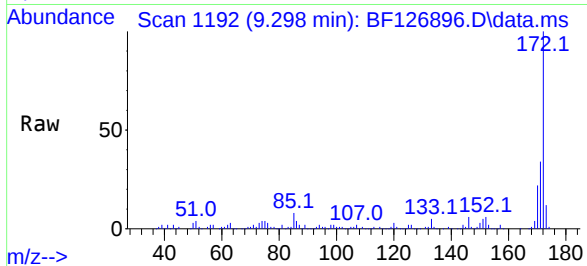
Tgt Ion:172 Resp: 133905

Ion Ratio Lower Upper

172 100

171 34.2 28.5 42.7

170 22.3 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.474 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BF126896.D

Acq: 15 Feb 2022 17:21

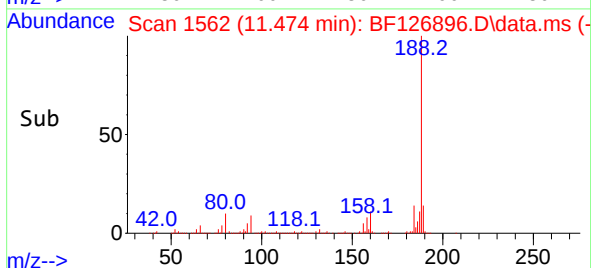
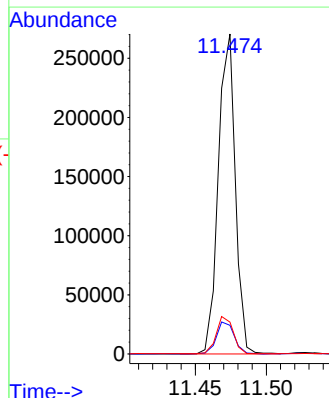
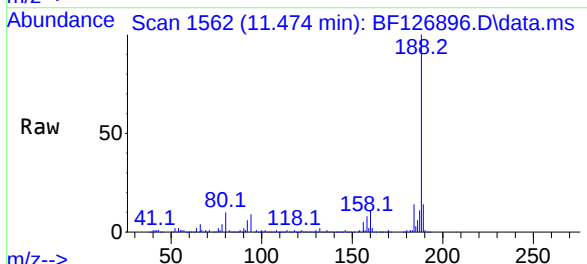
Tgt Ion:188 Resp: 224993

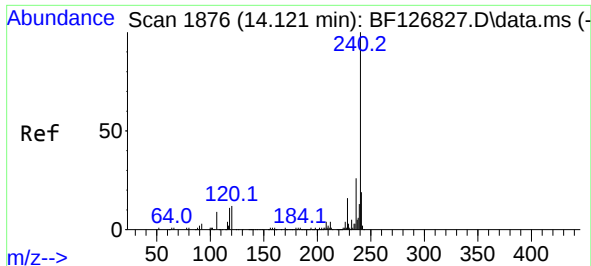
Ion Ratio Lower Upper

188 100

94 8.9 8.1 12.1

80 10.0 9.5 14.3

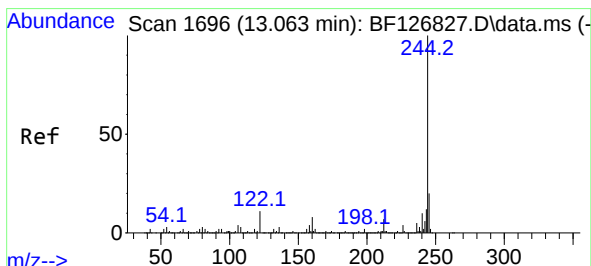
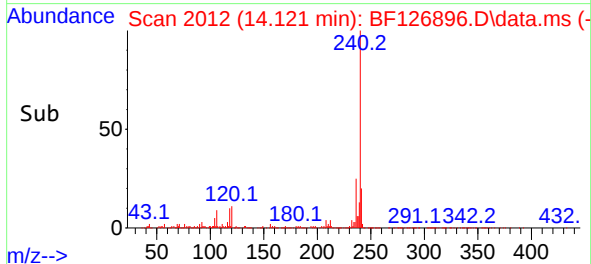
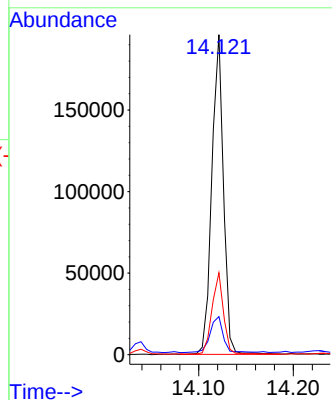
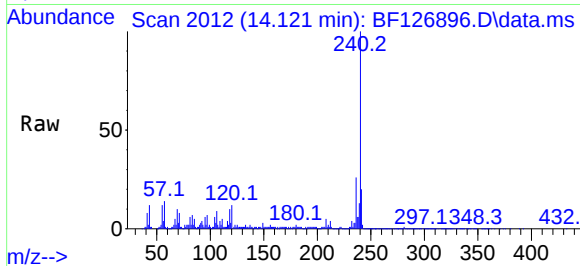




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.121 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

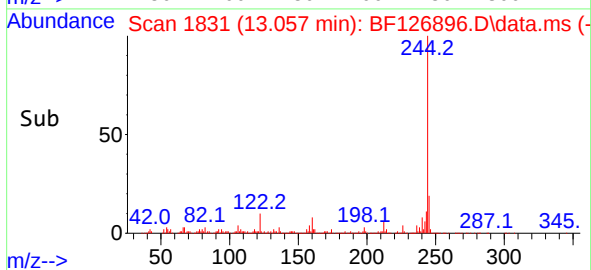
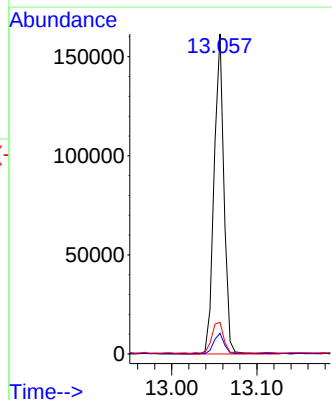
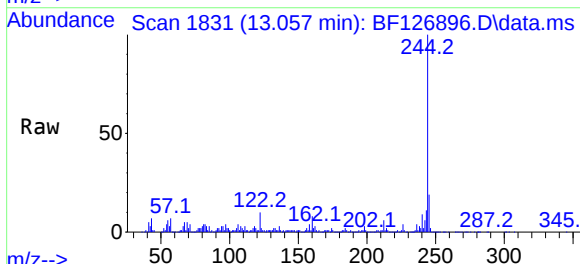
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-2D

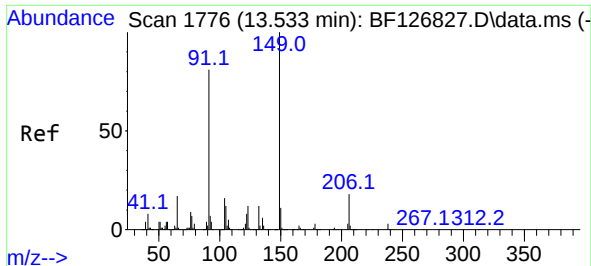
Tgt Ion:240 Resp: 167219  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.8 14.6  
236 25.6 20.5 30.7



#79  
Terphenyl-d14  
Concen: 11.121 ng  
RT: 13.057 min Scan# 1831  
Delta R.T. -0.006 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

Tgt Ion:244 Resp: 129720  
Ion Ratio Lower Upper  
244 100  
212 6.5 5.6 8.4  
122 9.9 9.0 13.6

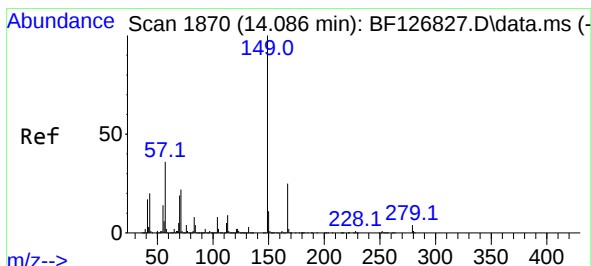
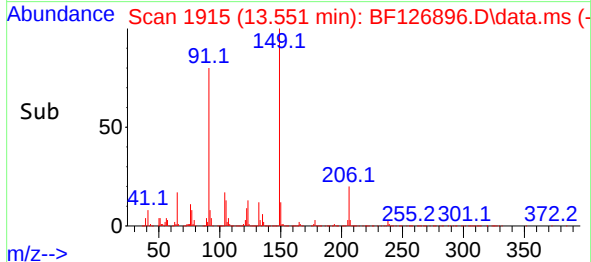
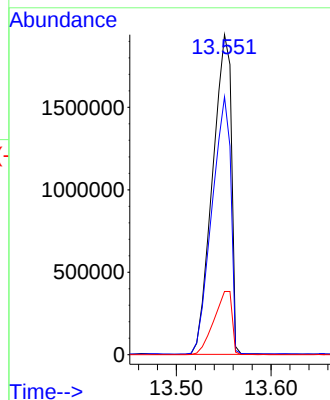
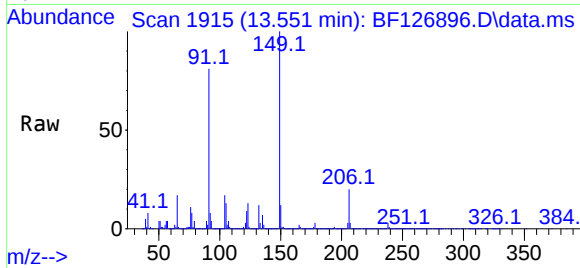




#80  
Butylbenzylphthalate  
Concen: 385.656 ng  
RT: 13.551 min Scan# 1915  
Delta R.T. 0.018 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

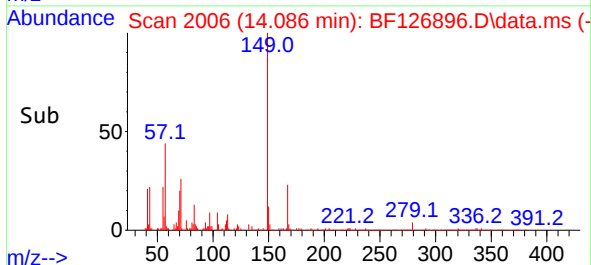
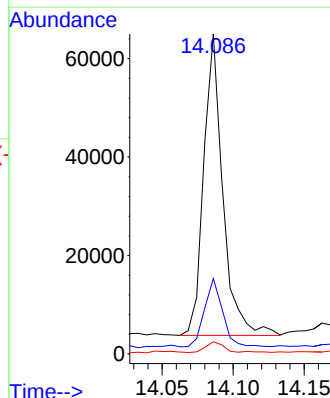
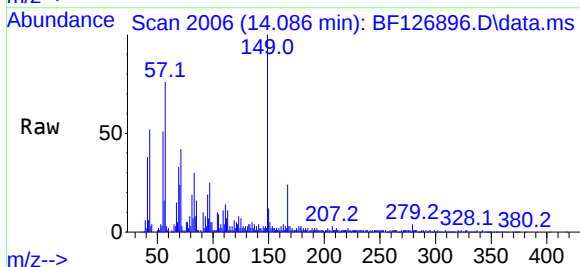
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-2D

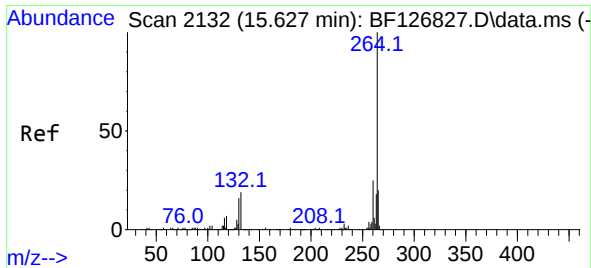
Tgt Ion:149 Resp: 2680584  
Ion Ratio Lower Upper  
149 100  
91 80.5 64.7 97.1  
206 19.7 14.2 21.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 6.383 ng  
RT: 14.086 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

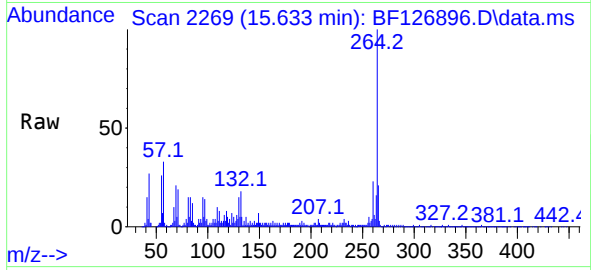
Tgt Ion:149 Resp: 57530  
Ion Ratio Lower Upper  
149 100  
167 23.6 20.3 30.5  
279 3.8 3.0 4.4





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.633 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF126896.D  
Acq: 15 Feb 2022 17:21

Instrument :  
BNA\_F  
ClientSampleId :  
CONC-2D



Tgt Ion:264 Resp: 120973  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 19.6  | 29.4  |
| 265 | 20.9  | 15.9  | 23.9  |

