

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052422\  
 Data File : BF128441.D  
 Acq On : 24 May 2022 18:14  
 Operator : CG\JU  
 Sample : N2874-09  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P007-SS002-1824-02

Quant Time: May 25 03:55:51 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 25 03:52:53 2022  
 Response via : Initial Calibration

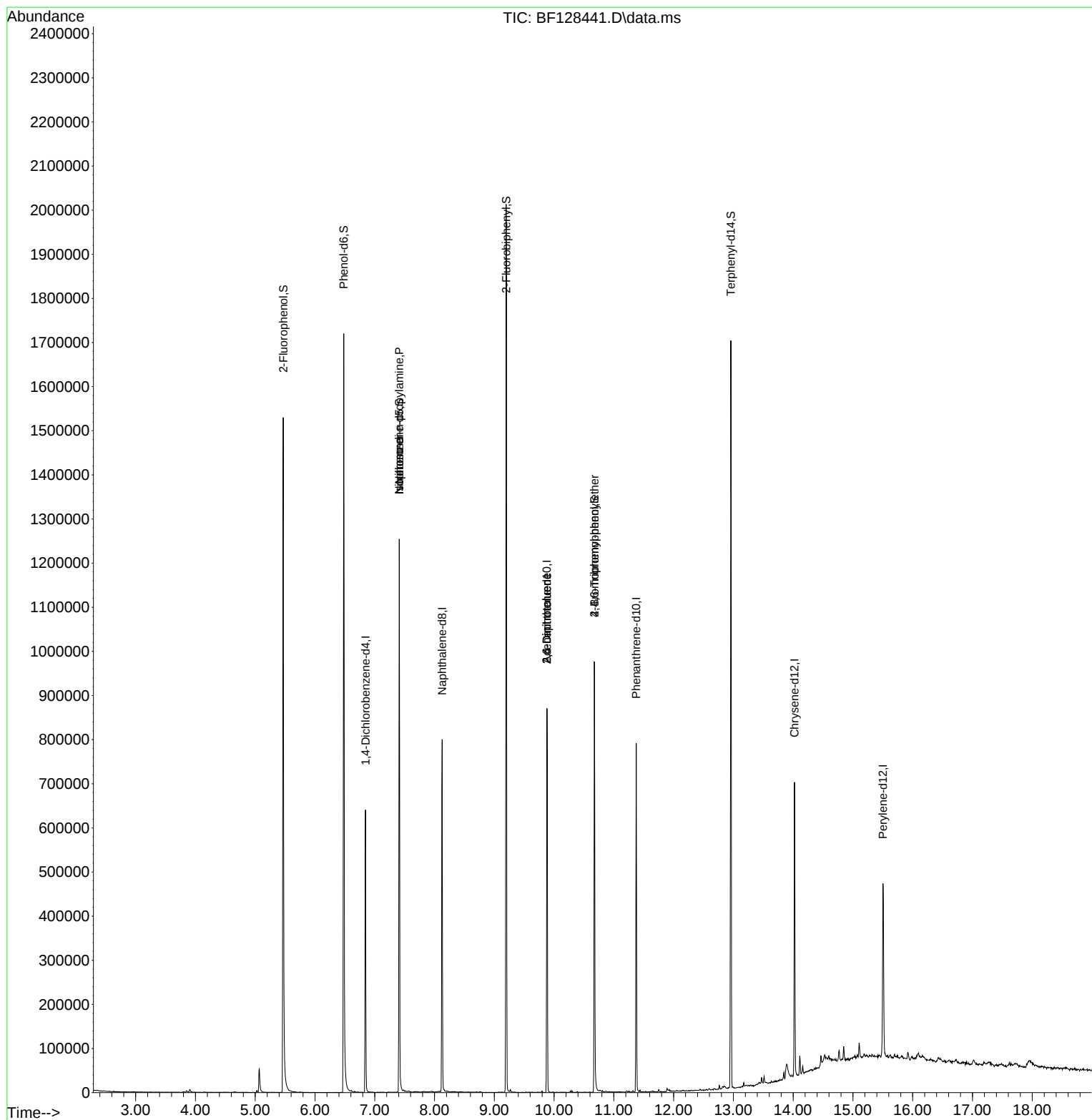
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 91810    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 344184   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.881  | 164  | 175818   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 269867   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 14.021 | 240  | 221019   | 20.000    | ng    | #-0.01   |
| 86) Perylene-d12              | 15.504 | 264  | 183365   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 420011   | 72.802    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.481  | 99   | 549360   | 72.314    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 378083   | 49.218    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.675 | 330  | 110958   | 61.194    | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 613518   | 57.065    | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 550126   | 48.049    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.481  | 77   | 969      | Below Cal | #     | 3        |
| 19) n-Nitroso-di-n-propyla... | 7.410  | 70   | 50165    | 11.041    | ng    | # 81     |
| 25) Isophorone                | 7.410  | 82   | 378079   | 32.116    | ng    | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.881  | 165  | 22141    | 9.039     | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.881  | 165  | 22141    | 7.175     | ng    | # 26     |
| 67) 4-Bromophenyl-phenylether | 10.675 | 248  | 6864     | 2.430     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

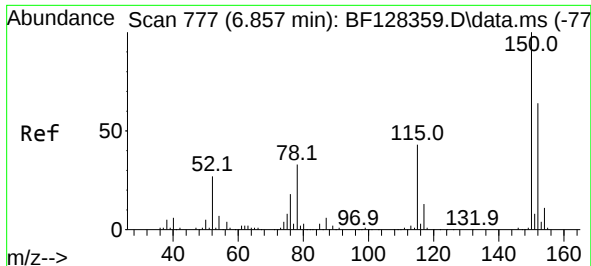
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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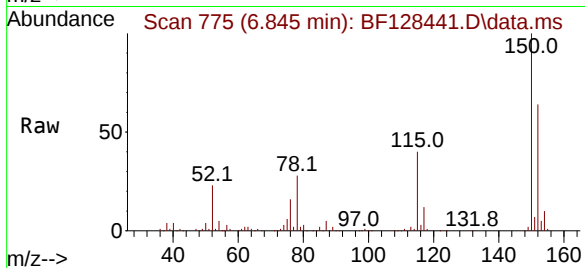
Quant Time: May 25 03:55:51 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 25 03:52:53 2022  
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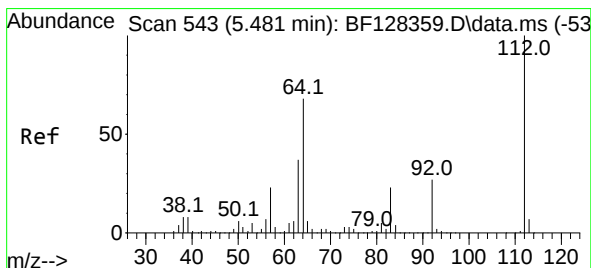
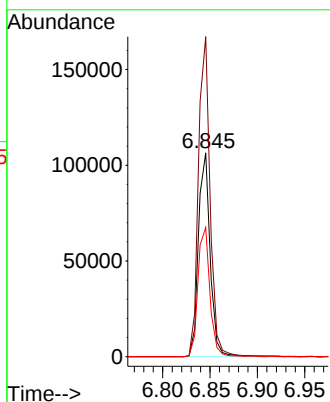
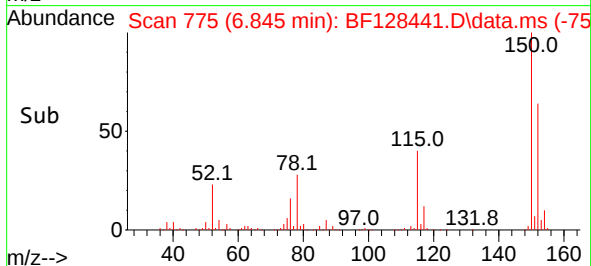


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF128441.D  
Acq: 24 May 2022 18:14

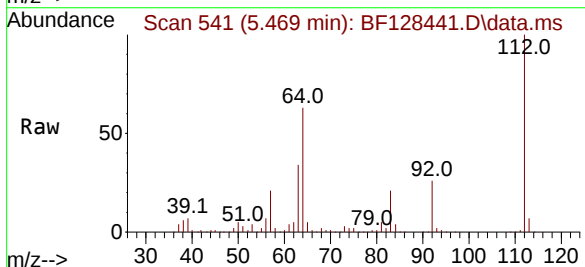
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BNA\_F  
ClientSampleId :  
P007-SS002-1824-02



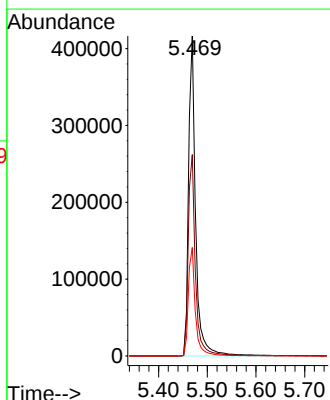
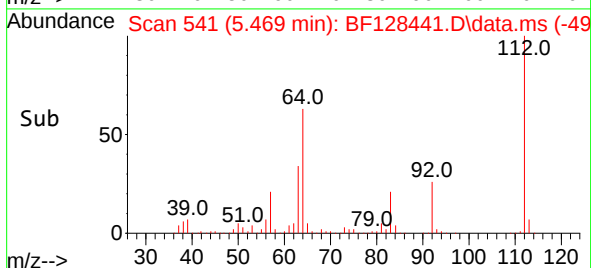
Tgt Ion:152 Resp: 91810  
Ion Ratio Lower Upper  
152 100  
150 156.9 125.3 187.9  
115 63.4 48.8 73.2

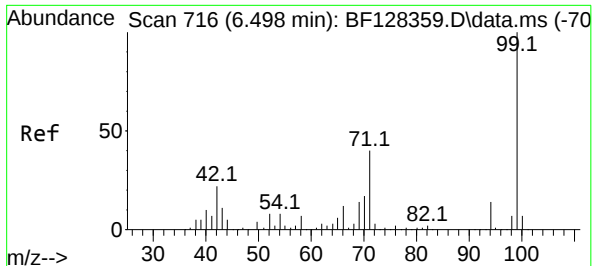


#5  
2-Fluorophenol  
Concen: 72.802 ng  
RT: 5.469 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BF128441.D  
Acq: 24 May 2022 18:14



Tgt Ion:112 Resp: 420011  
Ion Ratio Lower Upper  
112 100  
64 62.9 49.5 74.3  
63 33.9 26.3 39.5

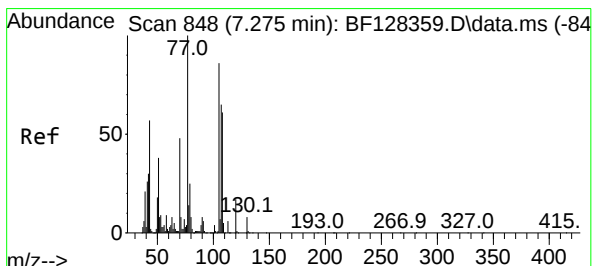
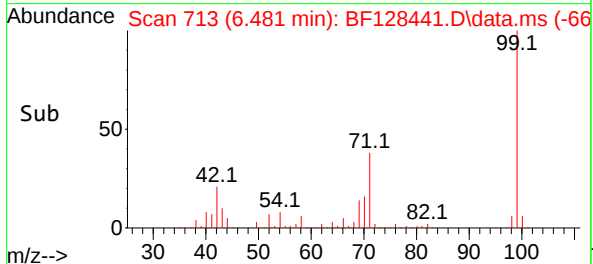
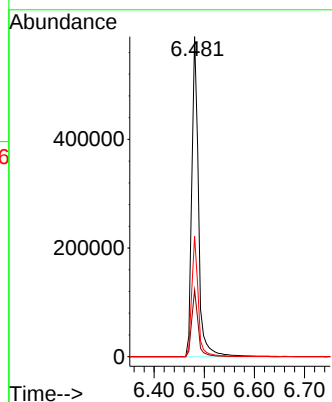
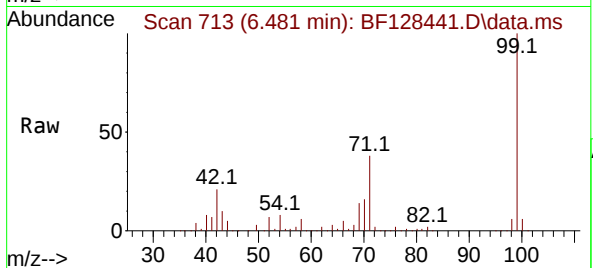




#7  
Phenol-d6  
Concen: 72.314 ng  
RT: 6.481 min Scan# 716  
Delta R.T. -0.012 min  
Lab File: BF128441.D  
Acq: 24 May 2022 18:14

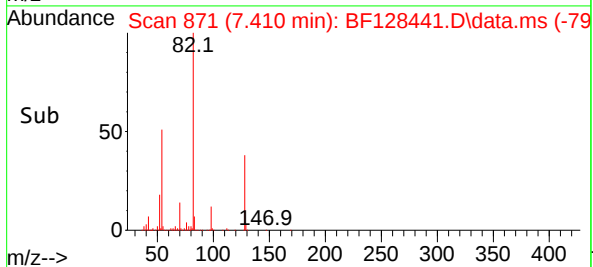
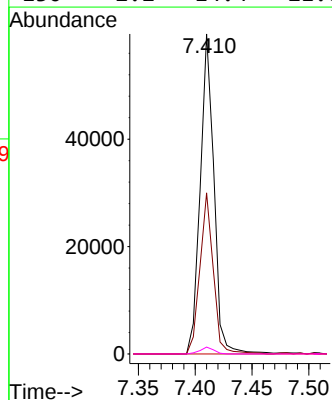
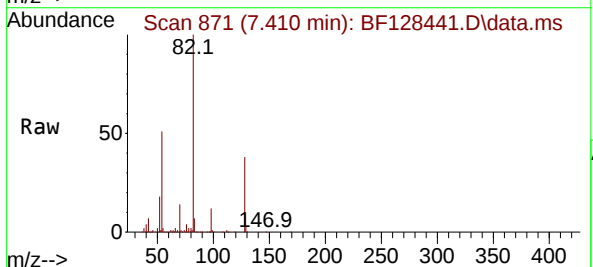
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS002-1824-02

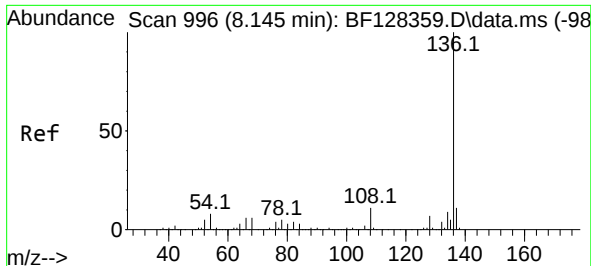
Tgt Ion: 99 Resp: 549360  
Ion Ratio Lower Upper  
99 100  
42 20.8 16.6 24.8  
71 37.6 30.0 45.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.041 ng  
RT: 7.410 min Scan# 871  
Delta R.T. 0.147 min  
Lab File: BF128441.D  
Acq: 24 May 2022 18:14

Tgt Ion: 70 Resp: 50165  
Ion Ratio Lower Upper  
70 100  
42 50.3 48.7 73.1  
101 0.0 7.2 10.8#  
130 2.2 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF128441.D

Acq: 24 May 2022 18:14

Instrument :

BNA\_F

ClientSampleId :

P007-SS002-1824-02

Tgt Ion:136 Resp: 344184

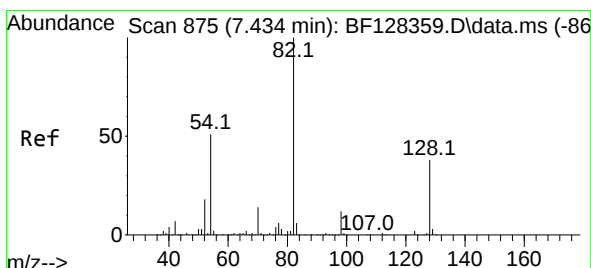
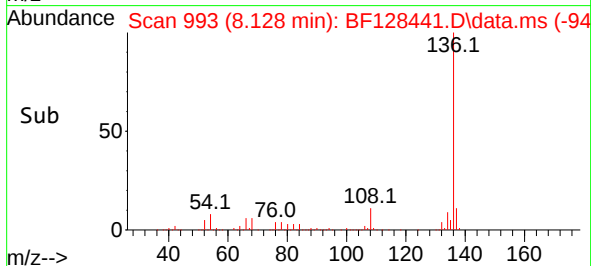
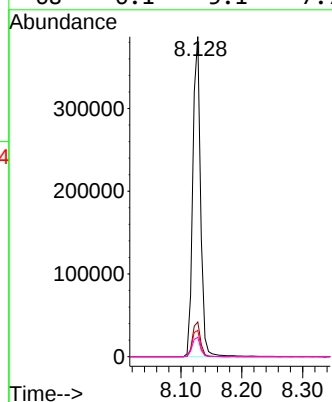
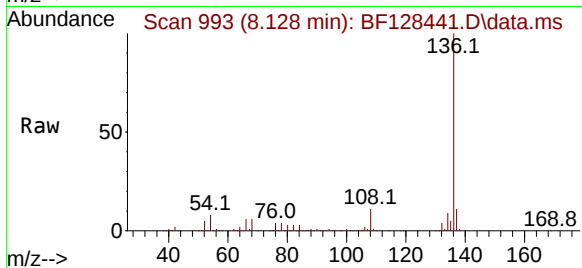
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.2 6.8 10.2

68 6.1 5.1 7.7



#23

Nitrobenzene-d5

Concen: 49.218 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.012 min

Lab File: BF128441.D

Acq: 24 May 2022 18:14

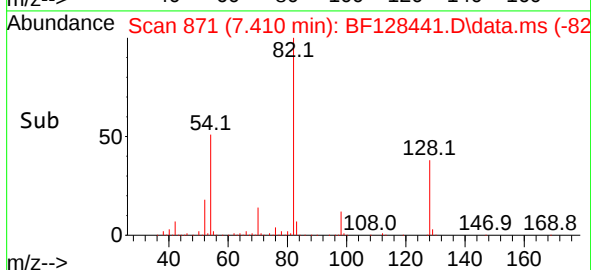
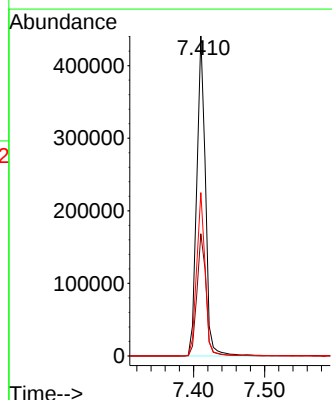
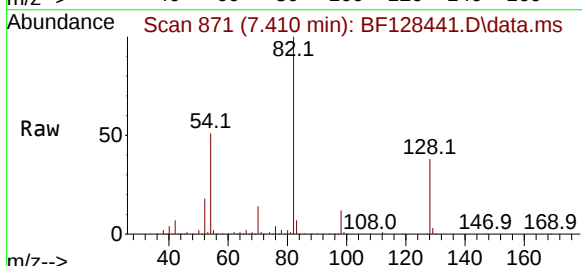
Tgt Ion: 82 Resp: 378083

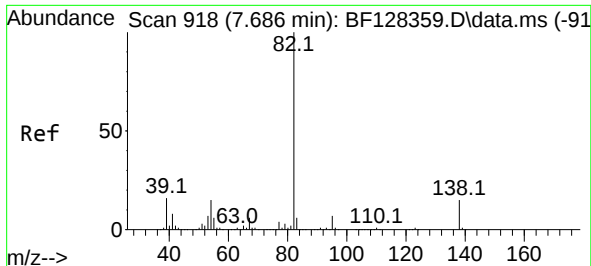
Ion Ratio Lower Upper

82 100

128 38.2 30.0 45.0

54 51.0 41.3 61.9

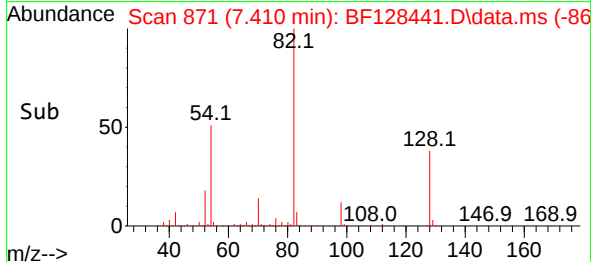
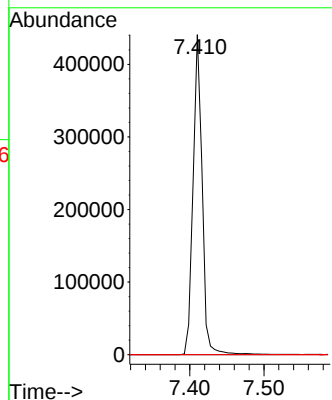
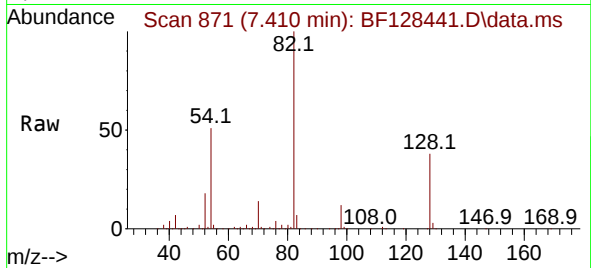




#25  
Isophorone  
Concen: 32.116 ng  
RT: 7.410 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF128441.D  
Acq: 24 May 2022 18:14

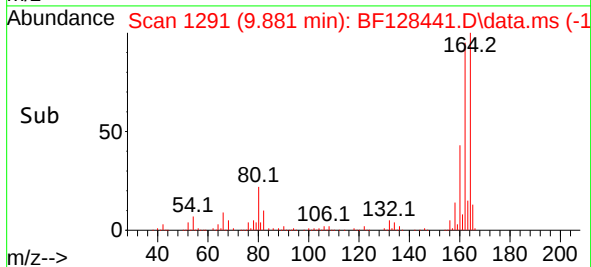
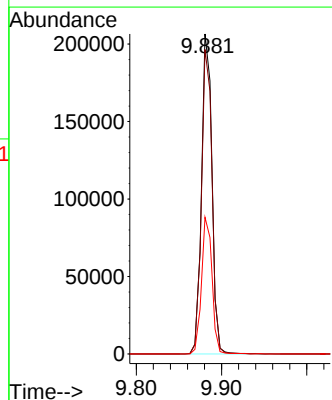
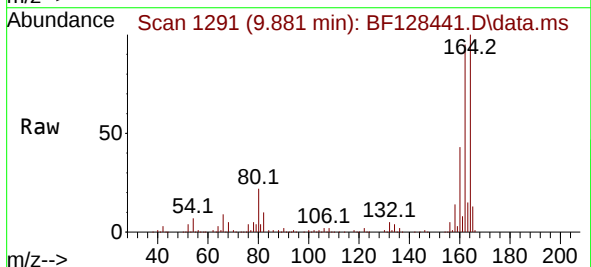
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS002-1824-02

Tgt Ion: 82 Resp: 378079  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 12.5 18.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.881 min Scan# 1291  
Delta R.T. -0.006 min  
Lab File: BF128441.D  
Acq: 24 May 2022 18:14

Tgt Ion: 164 Resp: 175818  
Ion Ratio Lower Upper  
164 100  
162 95.1 76.0 114.0  
160 42.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 61.194 ng

RT: 10.675 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF128441.D

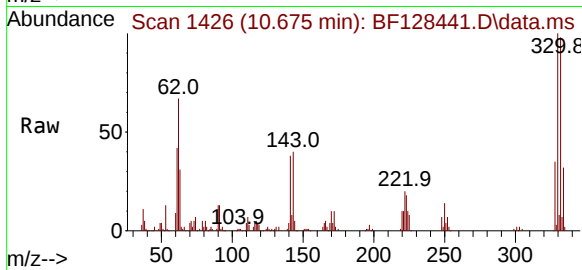
Acq: 24 May 2022 18:14

Instrument :

BNA\_F

ClientSampleId :

P007-SS002-1824-02



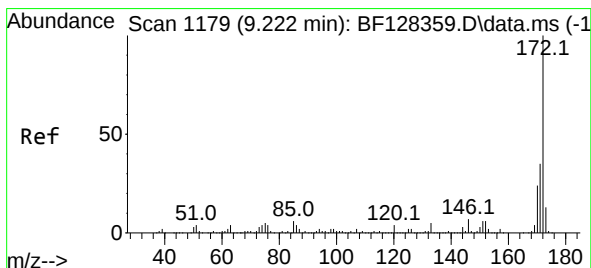
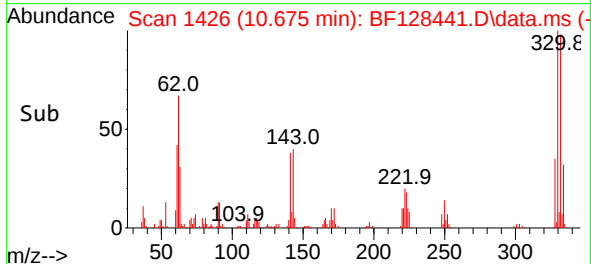
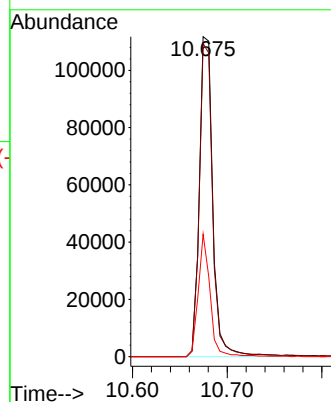
Tgt Ion:330 Resp: 110958

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

141 33.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 57.065 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128441.D

Acq: 24 May 2022 18:14

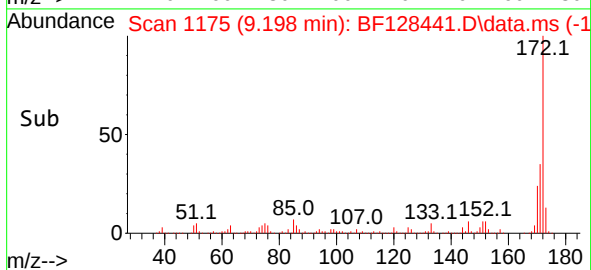
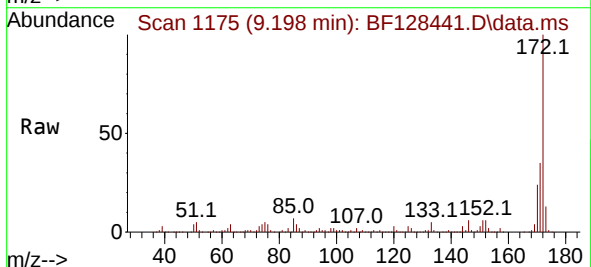
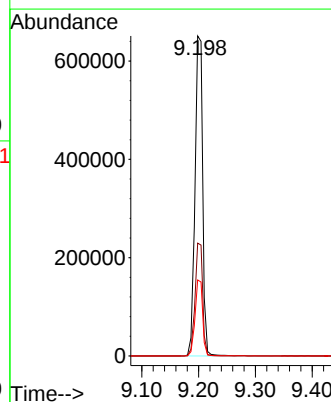
Tgt Ion:172 Resp: 613518

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.039 ng

RT: 9.881 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF128441.D

Acq: 24 May 2022 18:14

Instrument :

BNA\_F

ClientSampleId :

P007-SS002-1824-02

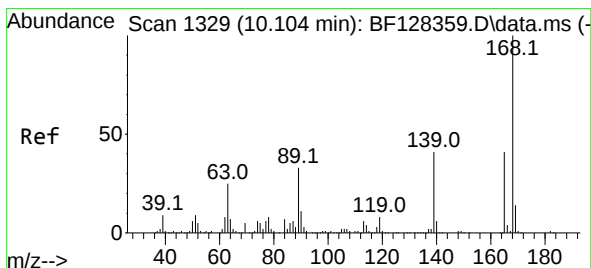
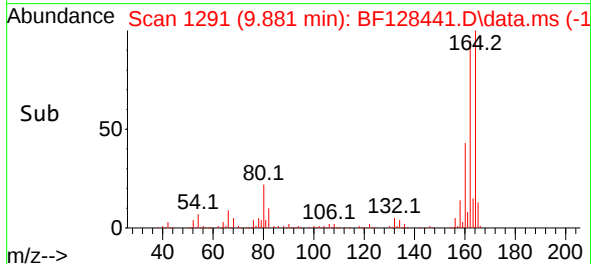
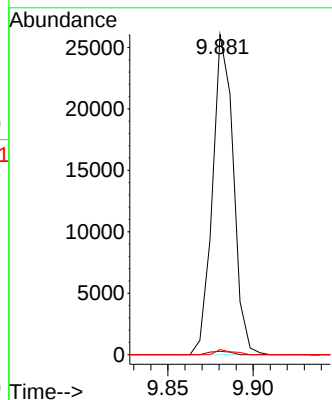
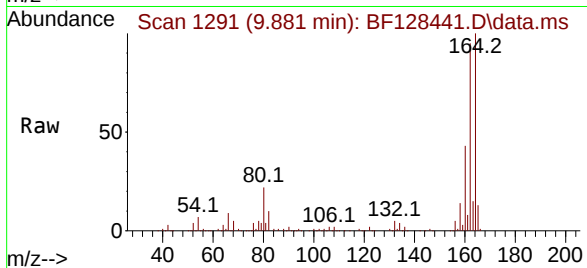
Tgt Ion:165 Resp: 22141

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.6 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.175 ng

RT: 9.881 min Scan# 1291

Delta R.T. -0.212 min

Lab File: BF128441.D

Acq: 24 May 2022 18:14

Tgt Ion:165 Resp: 22141

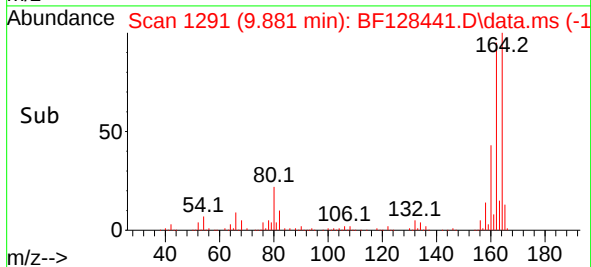
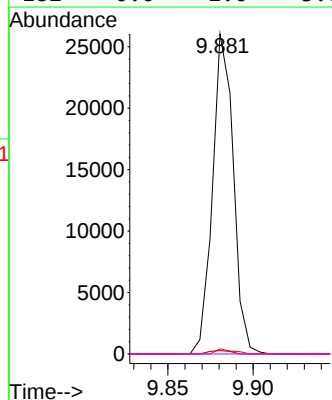
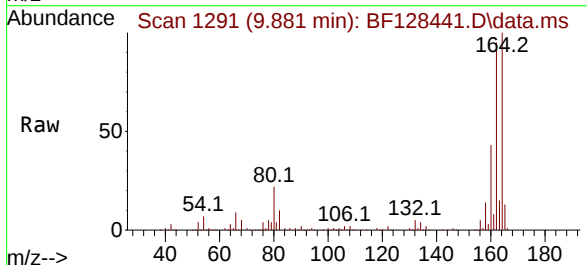
Ion Ratio Lower Upper

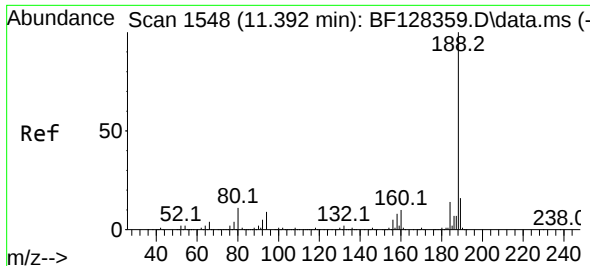
165 100

63 1.0 32.6 49.0#

89 1.6 55.2 82.8#

182 0.0 2.0 3.0#

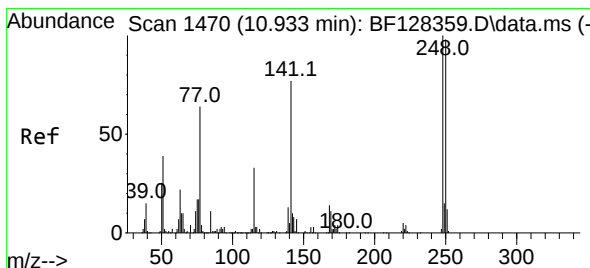
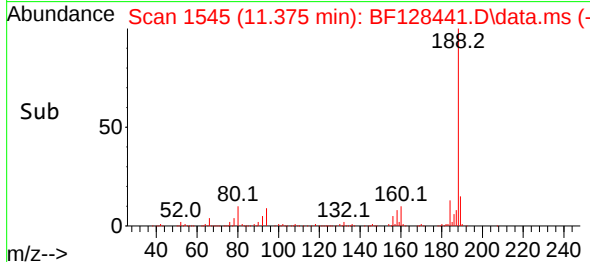
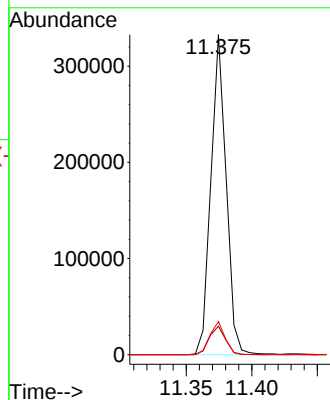
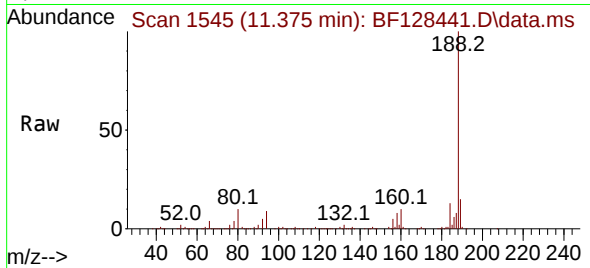




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128441.D  
Acq: 24 May 2022 18:14

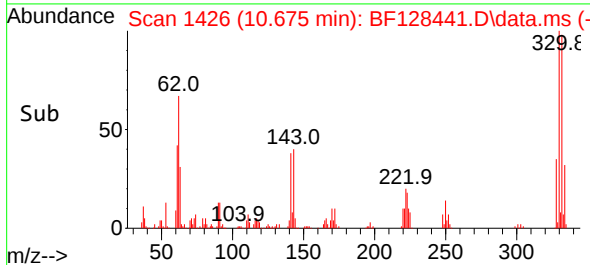
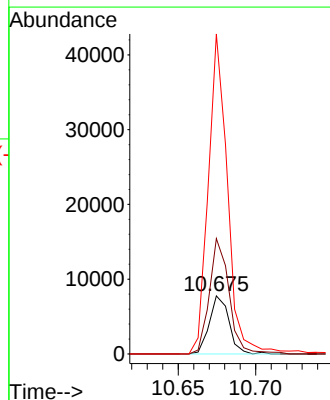
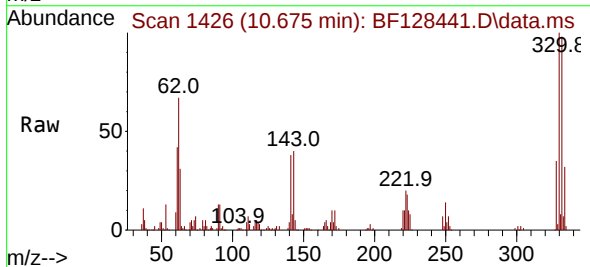
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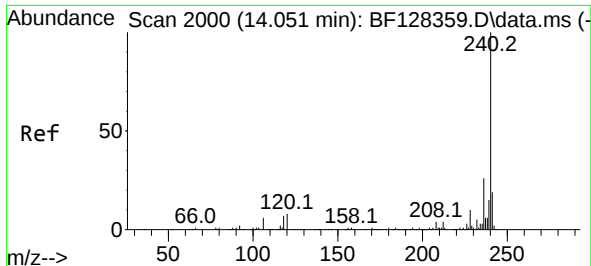
Tgt Ion:188 Resp: 269867  
Ion Ratio Lower Upper  
188 100  
94 8.9 8.0 12.0  
80 10.3 8.9 13.3



#67  
4-Bromophenyl-phenylether  
Concen: 2.430 ng  
RT: 10.675 min Scan# 1426  
Delta R.T. -0.241 min  
Lab File: BF128441.D  
Acq: 24 May 2022 18:14

Tgt Ion:248 Resp: 6864  
Ion Ratio Lower Upper  
248 100  
250 198.7 77.7 116.5#  
141 551.0 65.6 98.4#

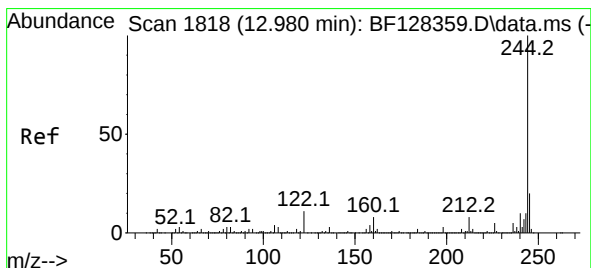
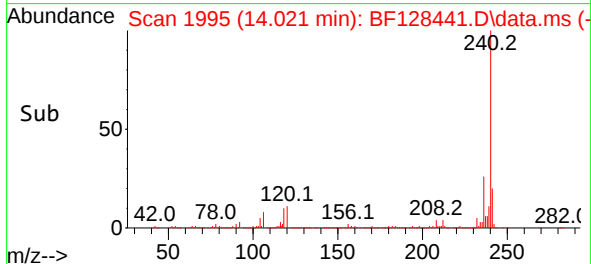
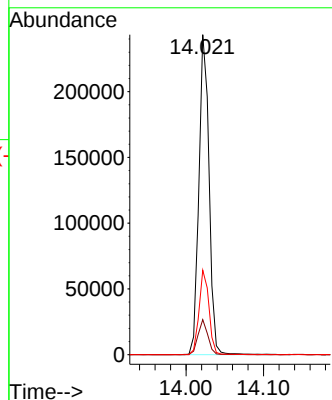
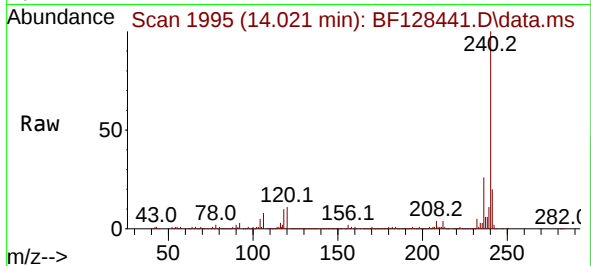




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.021 min Scan# 1995  
Delta R.T. -0.012 min  
Lab File: BF128441.D  
Acq: 24 May 2022 18:14

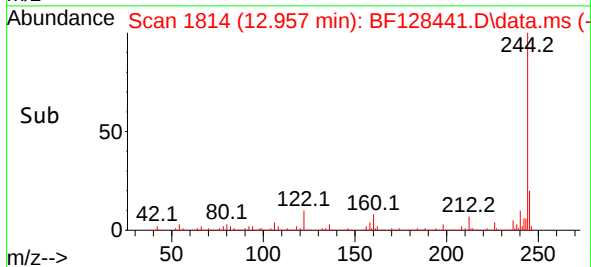
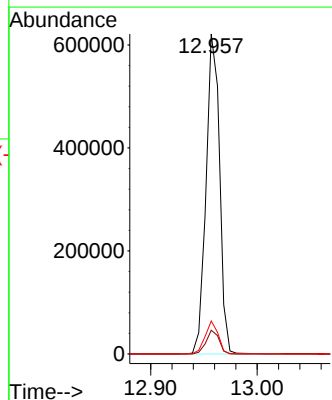
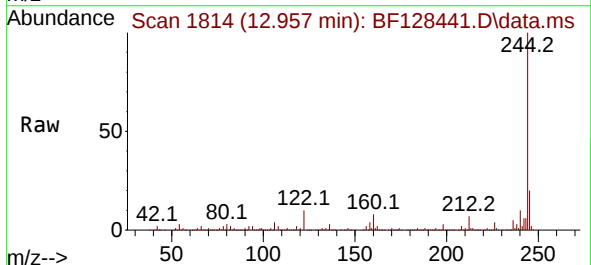
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS002-1824-02

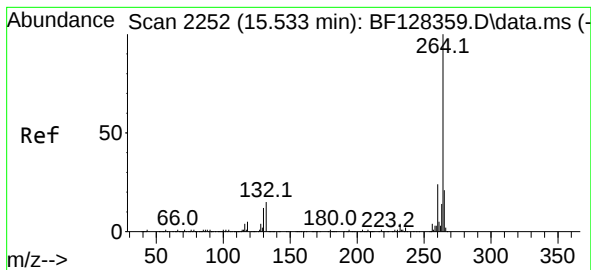
Tgt Ion:240 Resp: 221019  
Ion Ratio Lower Upper  
240 100  
120 10.9 7.0 10.6#  
236 26.4 20.3 30.5



#79  
Terphenyl-d14  
Concen: 48.049 ng  
RT: 12.957 min Scan# 1814  
Delta R.T. -0.006 min  
Lab File: BF128441.D  
Acq: 24 May 2022 18:14

Tgt Ion:244 Resp: 550126  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.2 9.4  
122 10.3 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128441.D

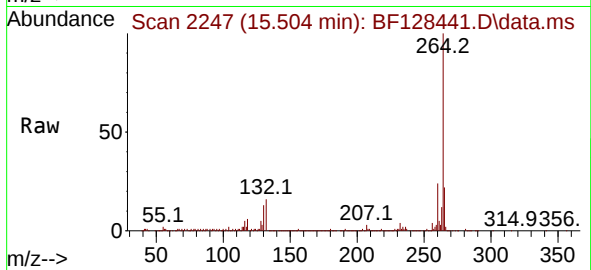
Acq: 24 May 2022 18:14

Instrument :

BNA\_F

ClientSampleId :

P007-SS002-1824-02



Tgt Ion:264 Resp: 183365

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 21.7 17.5 26.3

