

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052522\  
 Data File : BF128459.D  
 Acq On : 25 May 2022 14:57  
 Operator : CG\JU  
 Sample : N2897-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P041-SS001-1218-01

Quant Time: May 26 01:00:44 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 12:38:46 2022  
 Response via : Initial Calibration

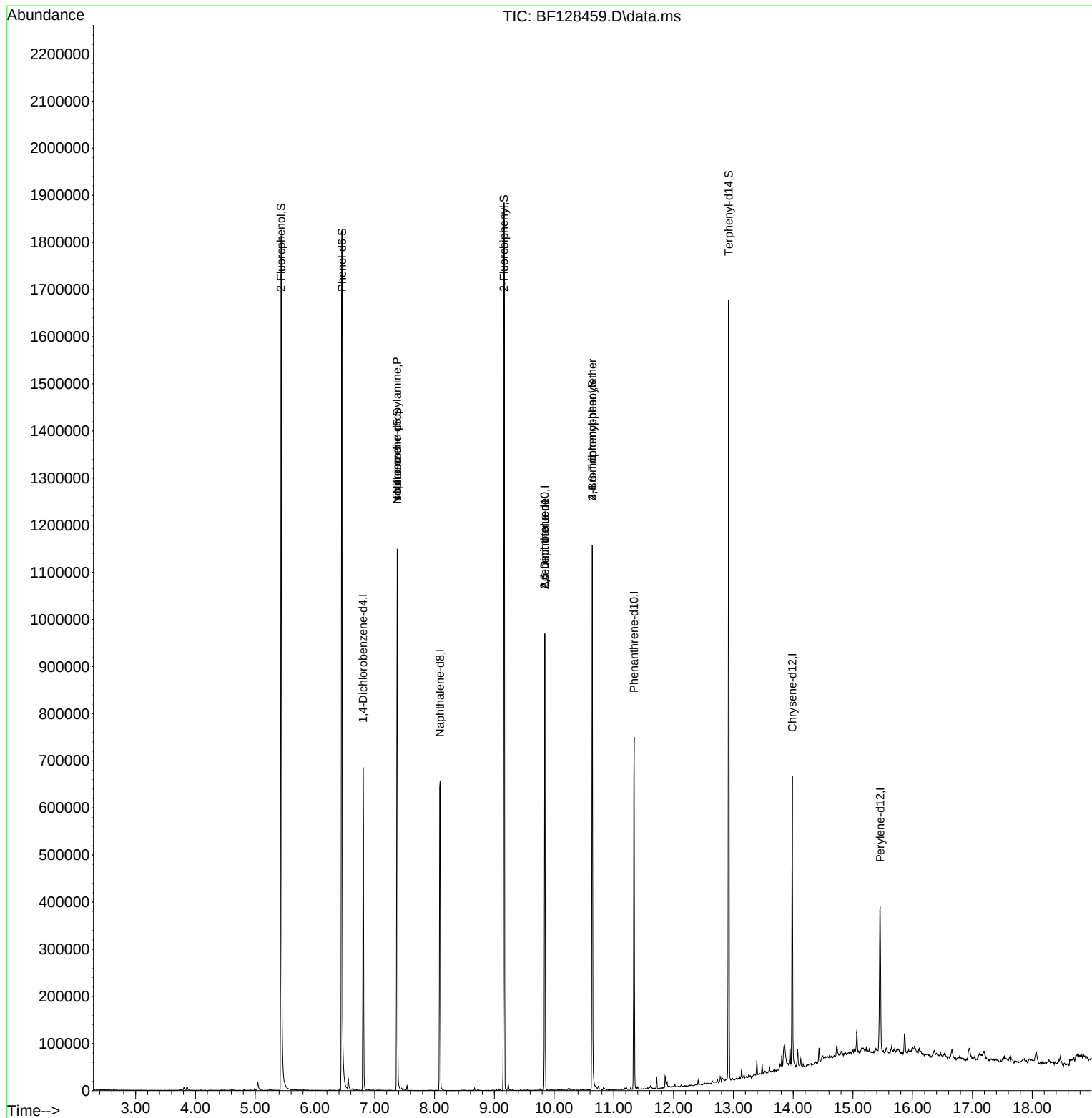
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.804  | 152  | 95127    | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.092  | 136  | 289065   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.845  | 164  | 186457   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.339 | 188  | 277764   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 191801   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 15.457 | 264  | 140795   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 480368   | 80.360    | ng     | 0.00     |
| 7) Phenol-d6                  | 6.451  | 99   | 613782   | 77.977    | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.375  | 82   | 370404   | 57.413    | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.639 | 330  | 125252   | 65.136    | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 563673   | 49.437    | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.922 | 244  | 525670   | 52.907    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.451  | 77   | 1143     | Below Cal | #      | 3        |
| 19) n-Nitroso-di-n-propyla... | 7.375  | 70   | 49027    | 10.414    | ng     | # 80     |
| 25) Isophorone                | 7.375  | 82   | 370401   | 37.464    | ng     | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.845  | 165  | 23471    | 9.036     | ng     | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.845  | 165  | 23471    | 7.172     | ng     | # 26     |
| 67) 4-Bromophenyl-phenylether | 10.639 | 248  | 7876     | 2.709     | ng     | # 1      |
| -----                         |        |      |          |           |        |          |

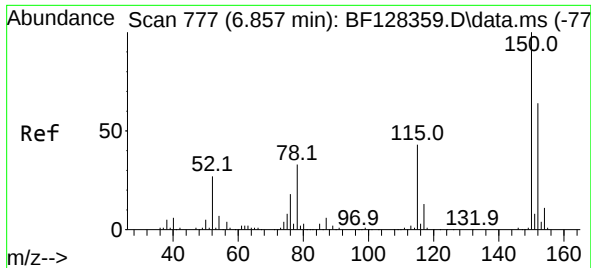
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052522\  
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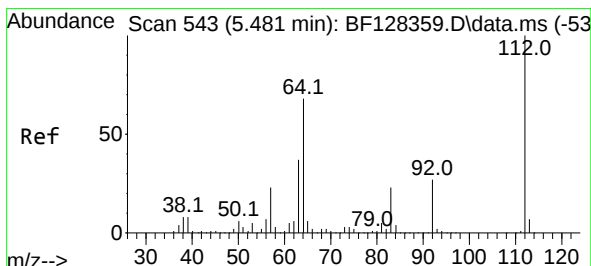
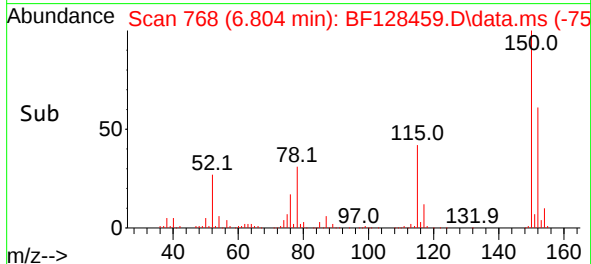
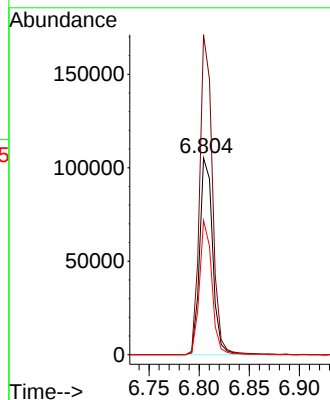
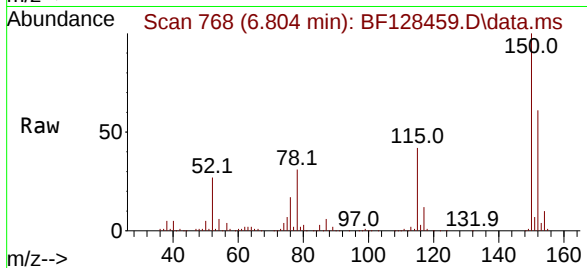




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.804 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: BF128459.D  
Acq: 25 May 2022 14:57

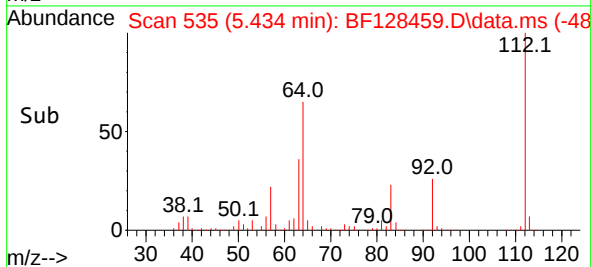
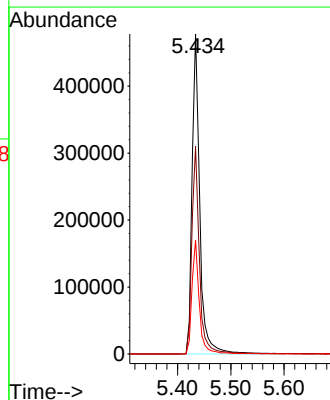
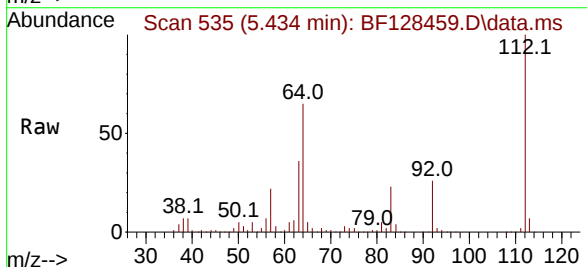
Instrument :  
BNA\_F  
ClientSampleId :  
P041-SS001-1218-01

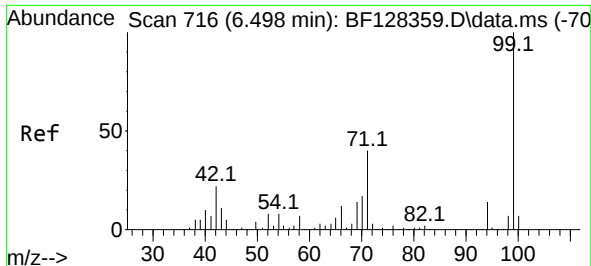
Tgt Ion:152 Resp: 95127  
Ion Ratio Lower Upper  
152 100  
150 162.8 125.3 187.9  
115 68.3 48.8 73.2



#5  
2-Fluorophenol  
Concen: 80.360 ng  
RT: 5.434 min Scan# 535  
Delta R.T. 0.000 min  
Lab File: BF128459.D  
Acq: 25 May 2022 14:57

Tgt Ion:112 Resp: 480368  
Ion Ratio Lower Upper  
112 100  
64 64.8 49.5 74.3  
63 35.6 26.3 39.5

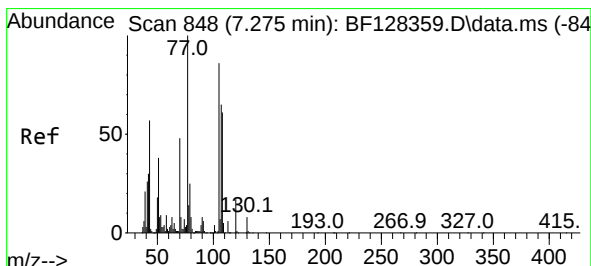
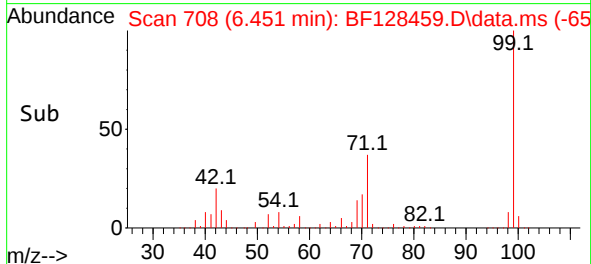
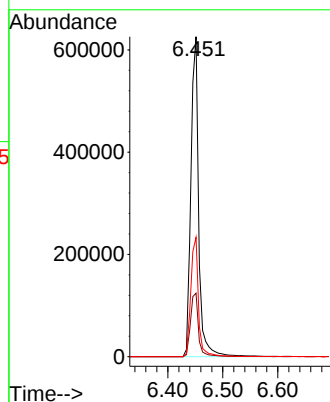
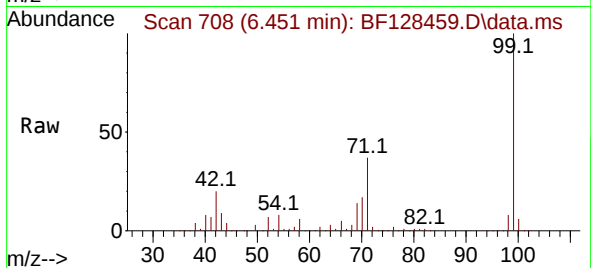




#7  
Phenol-d6  
Concen: 77.977 ng  
RT: 6.451 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: BF128459.D  
Acq: 25 May 2022 14:57

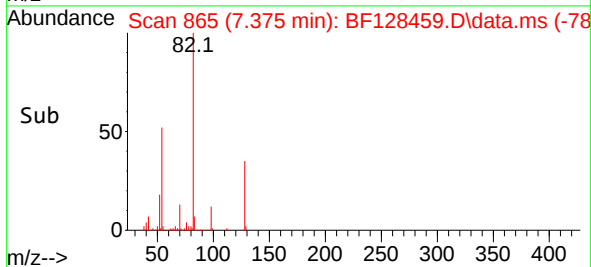
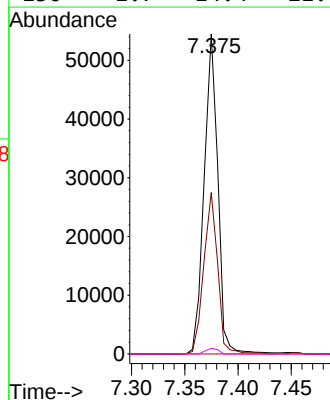
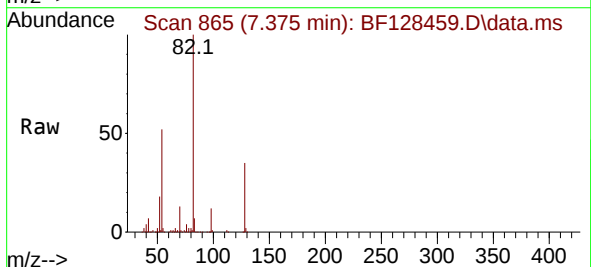
Instrument :  
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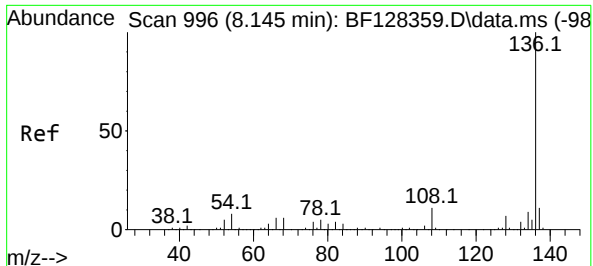
Tgt Ion: 99 Resp: 613782  
Ion Ratio Lower Upper  
99 100  
42 19.9 16.6 24.8  
71 37.3 30.0 45.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 10.414 ng  
RT: 7.375 min Scan# 865  
Delta R.T. 0.147 min  
Lab File: BF128459.D  
Acq: 25 May 2022 14:57

Tgt Ion: 70 Resp: 49027  
Ion Ratio Lower Upper  
70 100  
42 50.5 48.7 73.1  
101 0.0 7.2 10.8#  
130 1.7 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF128459.D

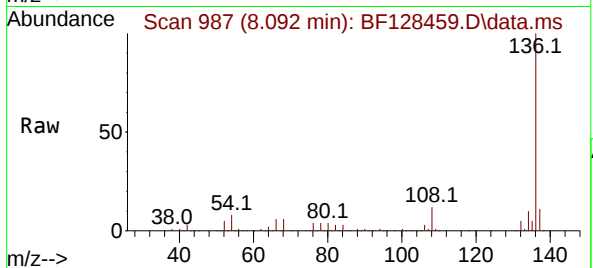
Acq: 25 May 2022 14:57

Instrument :

BNA\_F

ClientSampleId :

P041-SS001-1218-01



Tgt Ion:136 Resp: 289065

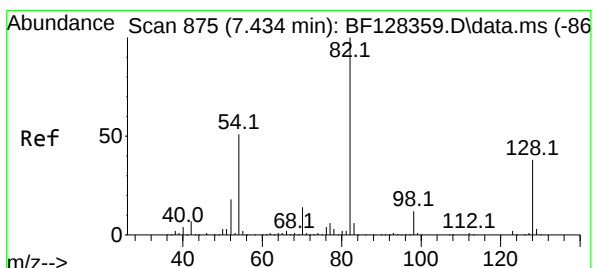
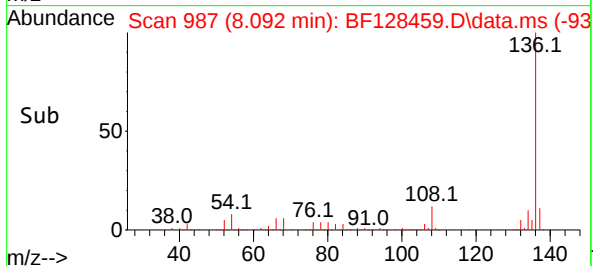
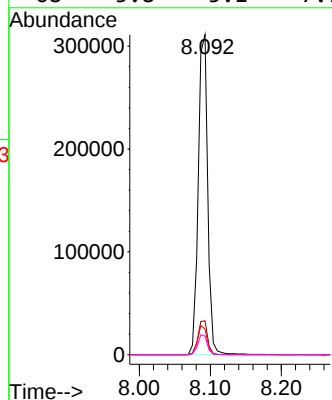
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.0 6.8 10.2

68 5.8 5.1 7.7



#23

Nitrobenzene-d5

Concen: 57.413 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF128459.D

Acq: 25 May 2022 14:57

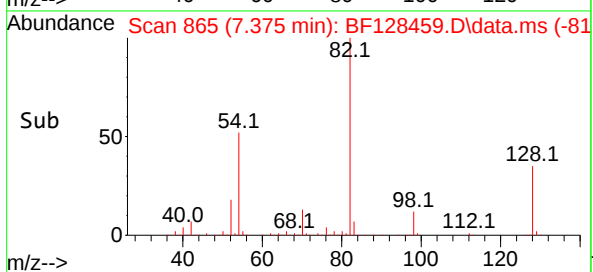
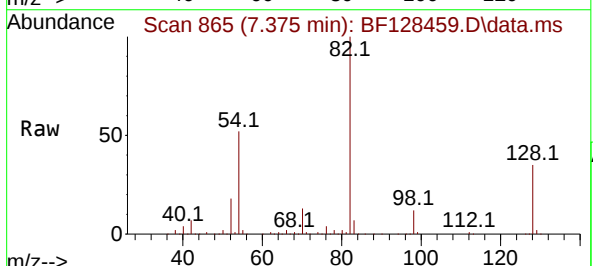
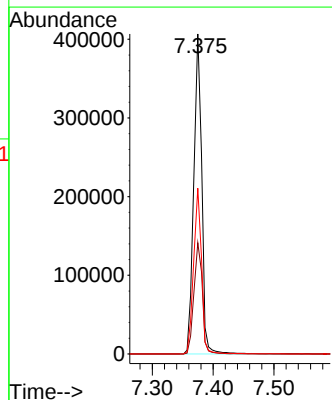
Tgt Ion: 82 Resp: 370404

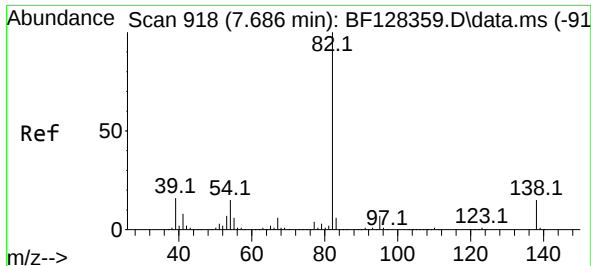
Ion Ratio Lower Upper

82 100

128 34.8 30.0 45.0

54 51.8 41.3 61.9

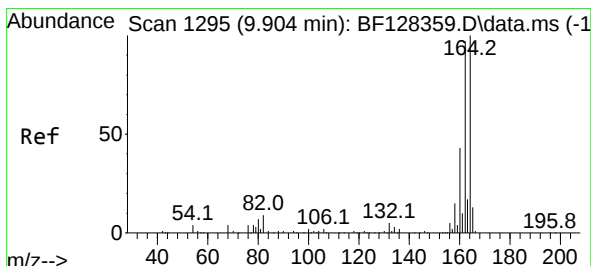
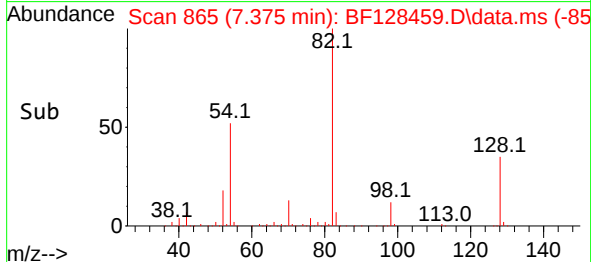
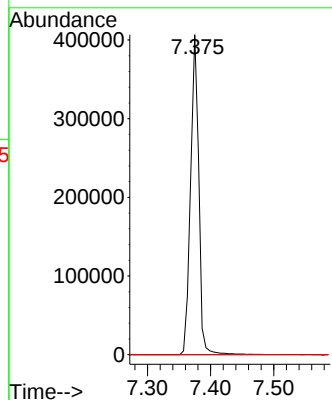
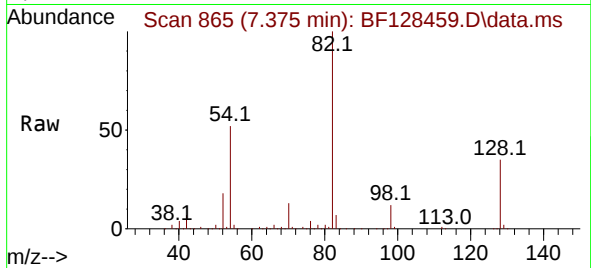




#25  
Isophorone  
Concen: 37.464 ng  
RT: 7.375 min Scan# 80  
Delta R.T. -0.265 min  
Lab File: BF128459.D  
Acq: 25 May 2022 14:57

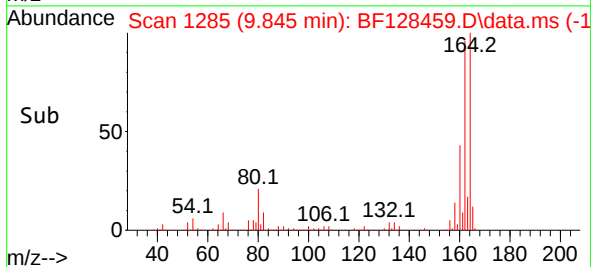
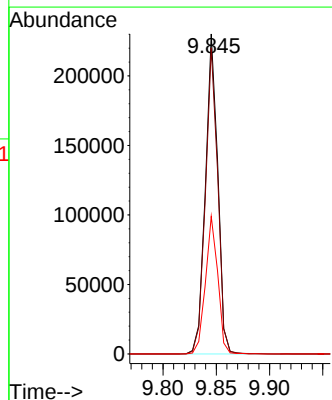
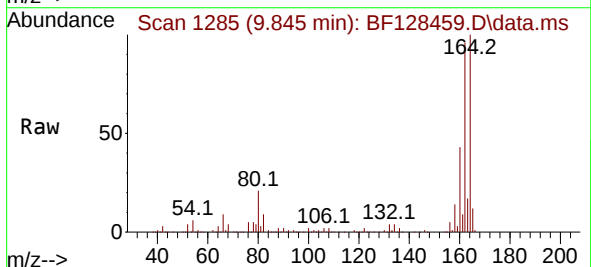
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P041-SS001-1218-01

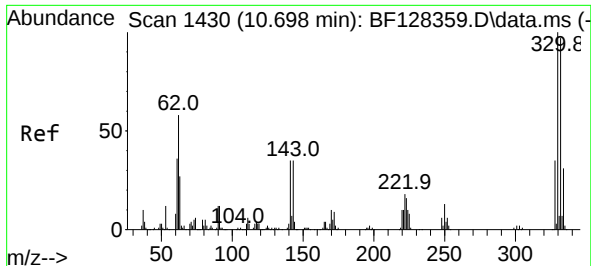
Tgt Ion: 82 Resp: 370401  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 12.5 18.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.845 min Scan# 1285  
Delta R.T. -0.006 min  
Lab File: BF128459.D  
Acq: 25 May 2022 14:57

Tgt Ion: 164 Resp: 186457  
Ion Ratio Lower Upper  
164 100  
162 95.7 76.0 114.0  
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 65.136 ng

RT: 10.639 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128459.D

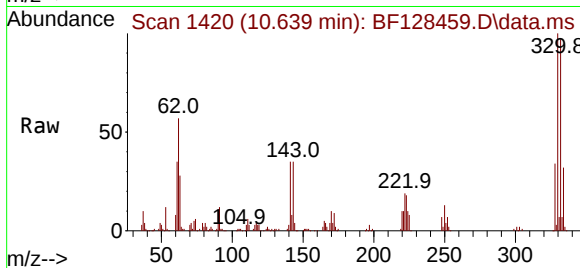
Acq: 25 May 2022 14:57

Instrument :

BNA\_F

ClientSampleId :

P041-SS001-1218-01



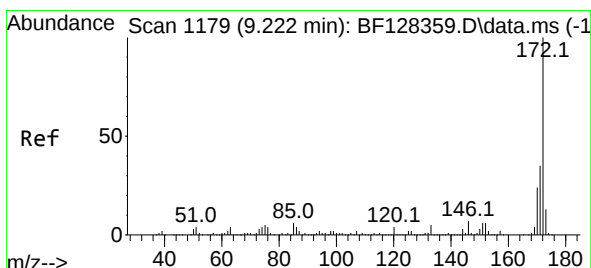
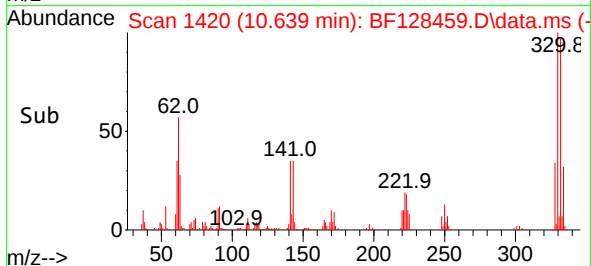
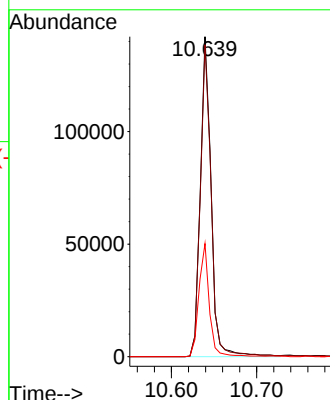
Tgt Ion:330 Resp: 125252

Ion Ratio Lower Upper

330 100

332 98.6 79.0 118.4

141 34.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 49.437 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF128459.D

Acq: 25 May 2022 14:57

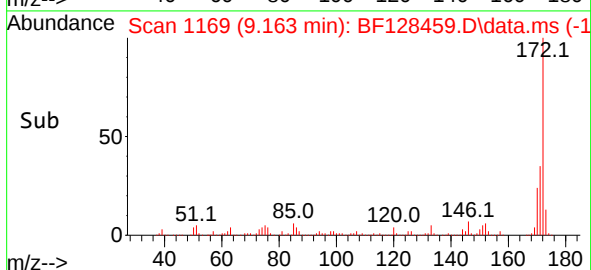
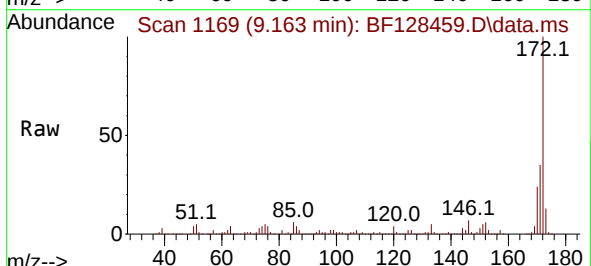
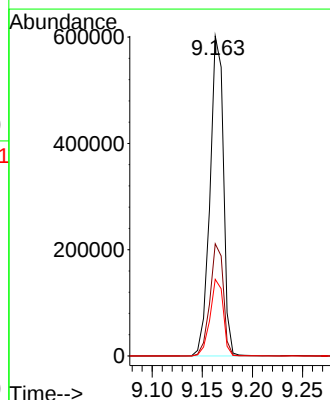
Tgt Ion:172 Resp: 563673

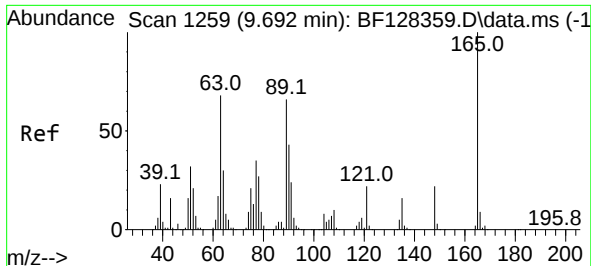
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.036 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF128459.D

Acq: 25 May 2022 14:57

Instrument :

BNA\_F

ClientSampleId :

P041-SS001-1218-01

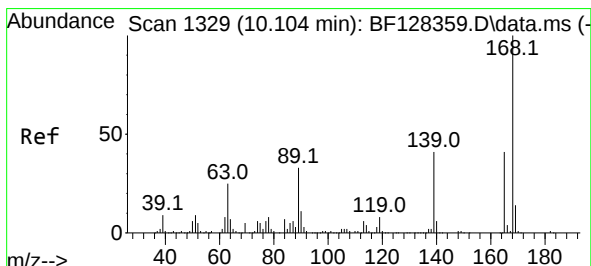
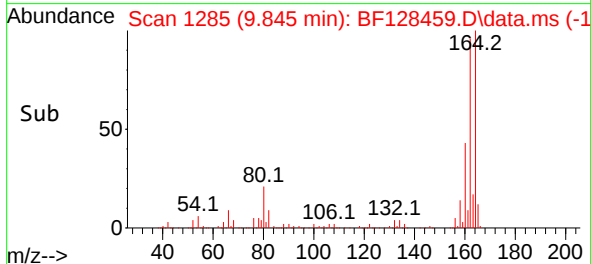
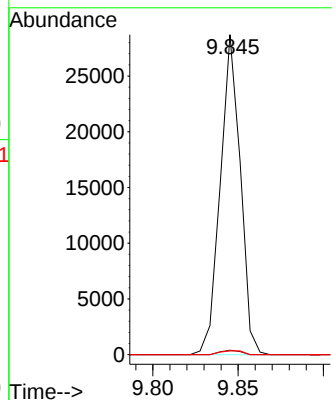
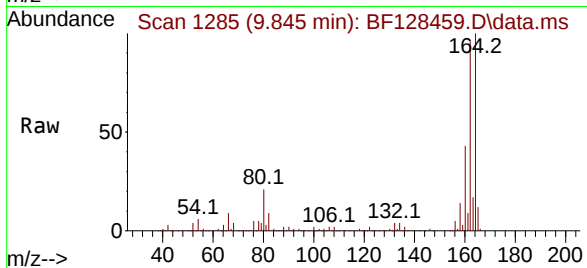
Tgt Ion:165 Resp: 23471

Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.2 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.172 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.206 min

Lab File: BF128459.D

Acq: 25 May 2022 14:57

Tgt Ion:165 Resp: 23471

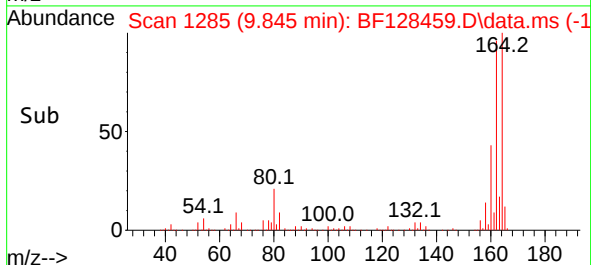
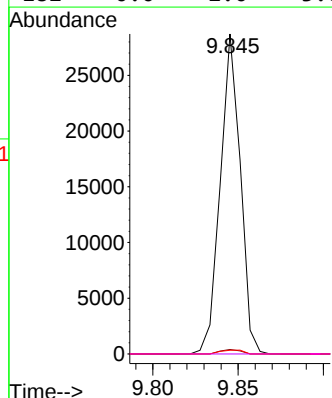
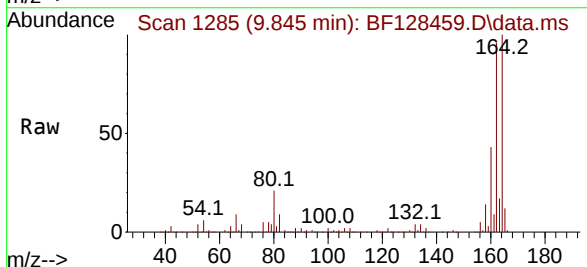
Ion Ratio Lower Upper

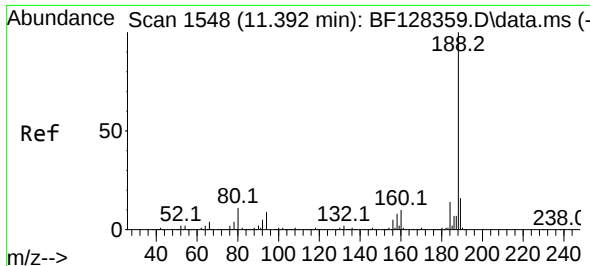
165 100

63 1.4 32.6 49.0#

89 1.2 55.2 82.8#

182 0.0 2.0 3.0#

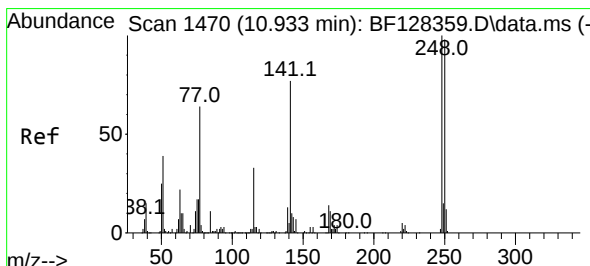
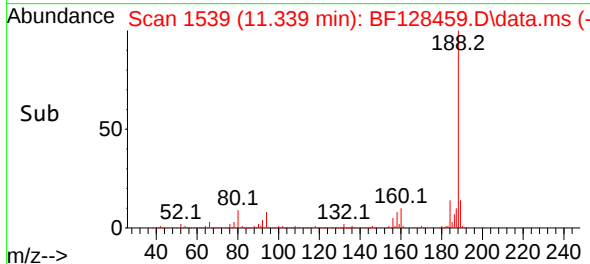
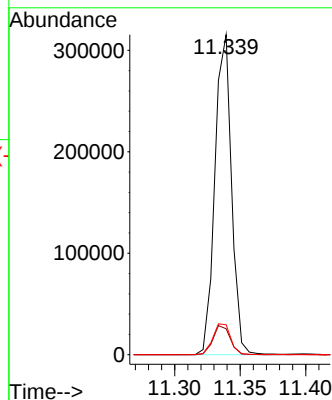
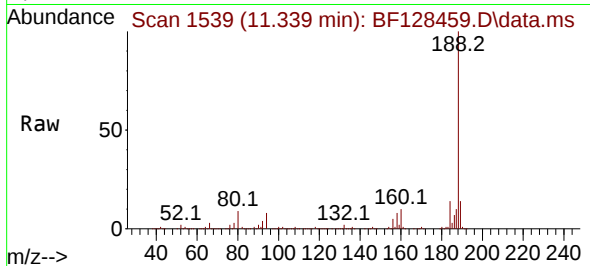




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.339 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128459.D  
Acq: 25 May 2022 14:57

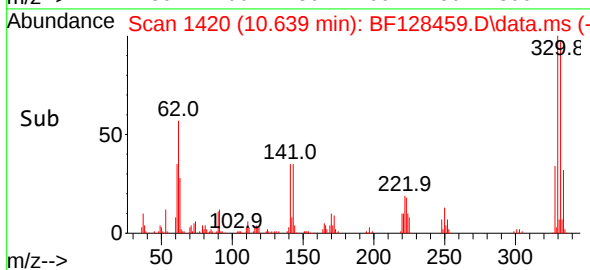
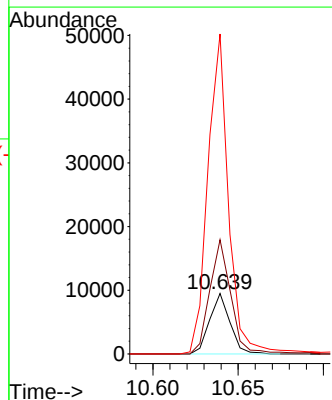
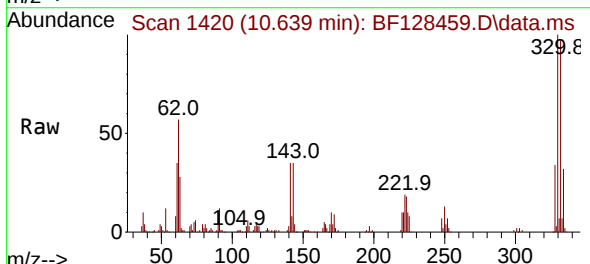
Instrument :  
BNA\_F  
ClientSampleId :  
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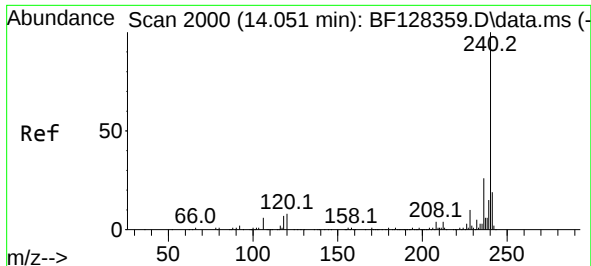
Tgt Ion:188 Resp: 277764  
Ion Ratio Lower Upper  
188 100  
94 8.1 8.0 12.0  
80 9.3 8.9 13.3



#67  
4-Bromophenyl-phenylether  
Concen: 2.709 ng  
RT: 10.639 min Scan# 1420  
Delta R.T. -0.241 min  
Lab File: BF128459.D  
Acq: 25 May 2022 14:57

Tgt Ion:248 Resp: 7876  
Ion Ratio Lower Upper  
248 100  
250 188.8 77.7 116.5#  
141 529.1 65.6 98.4#

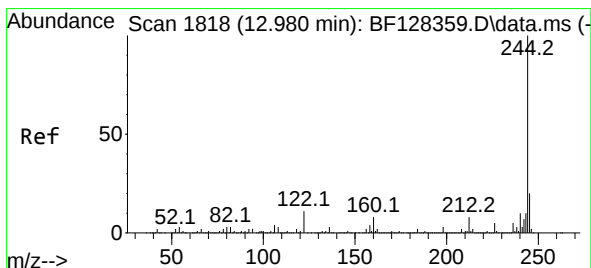
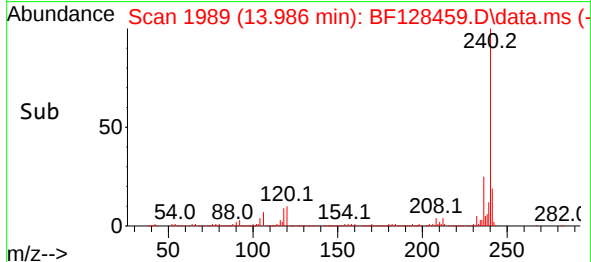
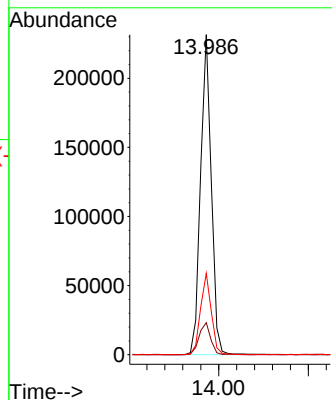
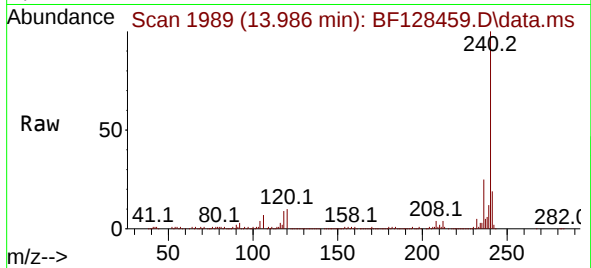




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.986 min Scan# 1989  
Delta R.T. -0.006 min  
Lab File: BF128459.D  
Acq: 25 May 2022 14:57

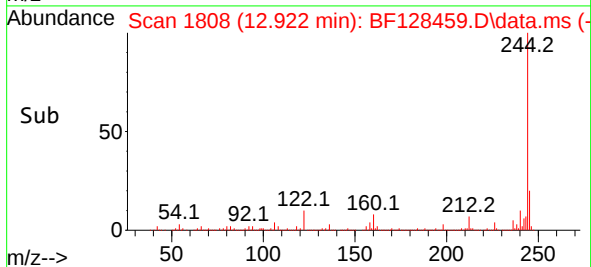
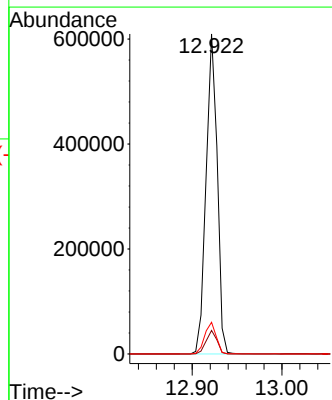
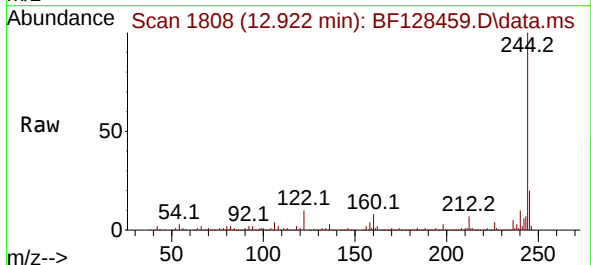
Instrument :  
BNA\_F  
ClientSampleId :  
P041-SS001-1218-01

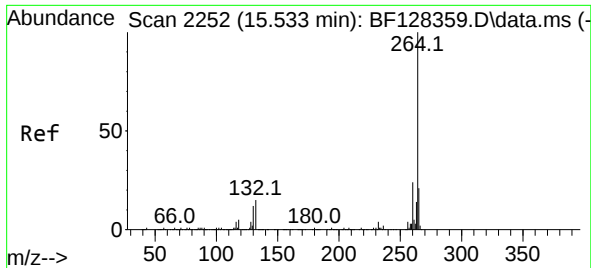
Tgt Ion:240 Resp: 191801  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.0 10.6  
236 25.5 20.3 30.5



#79  
Terphenyl-d14  
Concen: 52.907 ng  
RT: 12.922 min Scan# 1808  
Delta R.T. -0.006 min  
Lab File: BF128459.D  
Acq: 25 May 2022 14:57

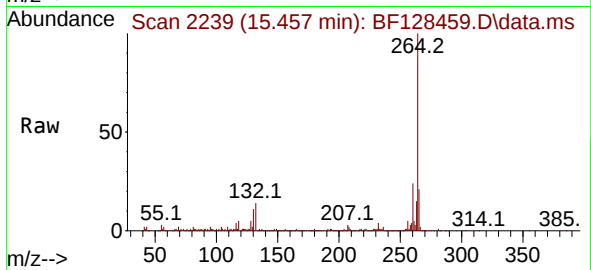
Tgt Ion:244 Resp: 525670  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.2 9.4  
122 9.9 8.6 12.8





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.457 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF128459.D  
 Acq: 25 May 2022 14:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P041-SS001-1218-01



Tgt Ion:264 Resp: 140795  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 20.1 30.1  
 265 21.1 17.5 26.3

