

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF040622\  
 Data File : BF127666.D  
 Acq On : 07 Apr 2022 00:00  
 Operator : CG\JU  
 Sample : N2254-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-4-3

Quant Time: Apr 07 02:40:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 06 13:55:27 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.963  | 152  | 100075   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.245  | 136  | 370825   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.010 | 164  | 215942   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.498 | 188  | 411222   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.145 | 240  | 371019   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.674 | 264  | 323275   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.587  | 112  | 750343   | 121.832 | ng    | 0.00     |
| 7) Phenol-d6                | 6.575  | 99   | 911661   | 113.151 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.528  | 82   | 753333   | 90.567  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.798 | 330  | 313070   | 136.239 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.328  | 172  | 1306768  | 85.608  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.098 | 244  | 1792967  | 79.766  | ng    | 0.00     |

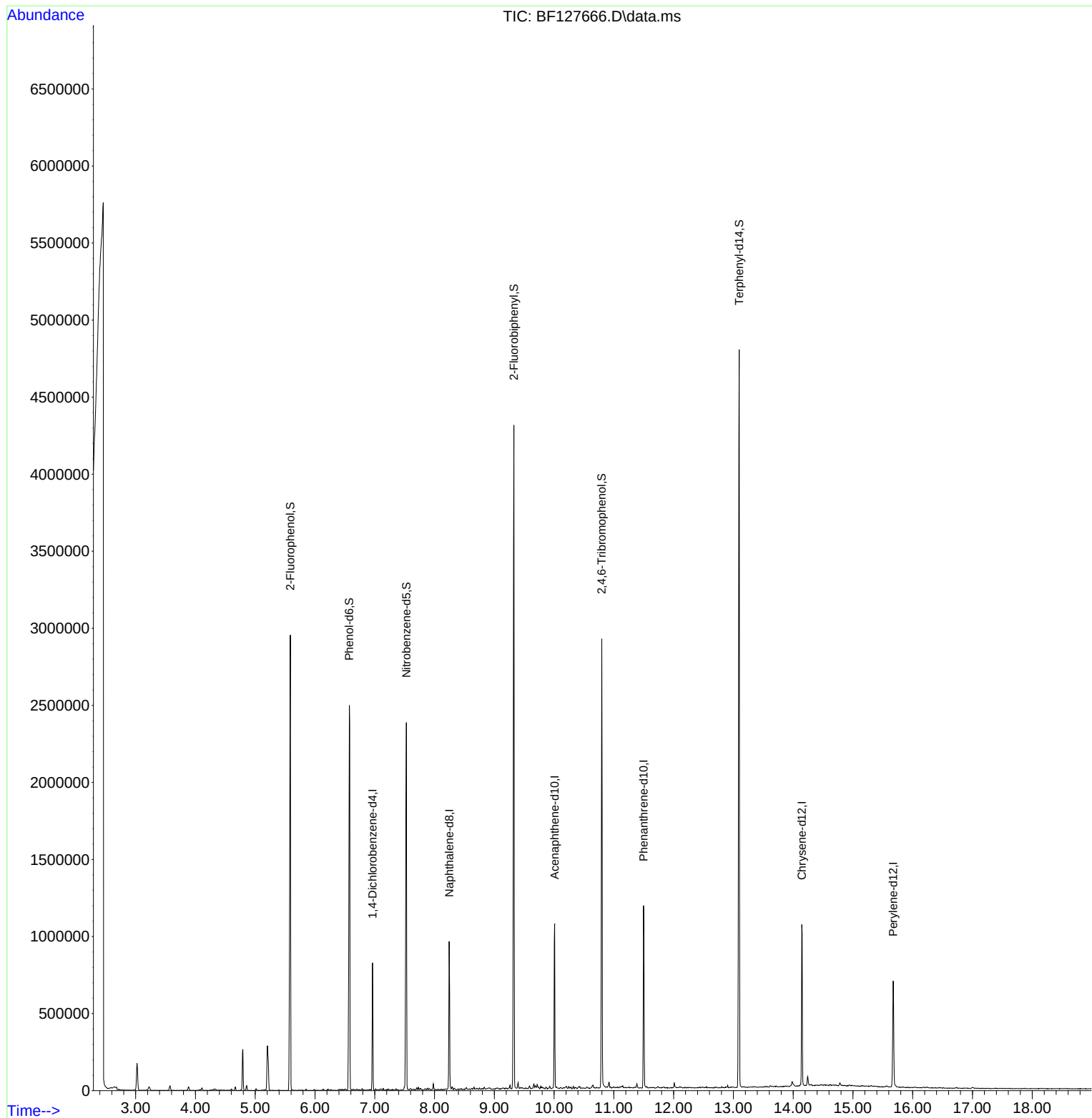
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

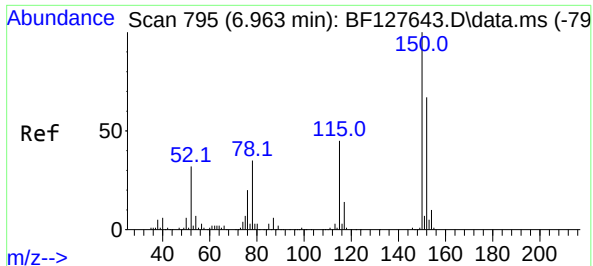
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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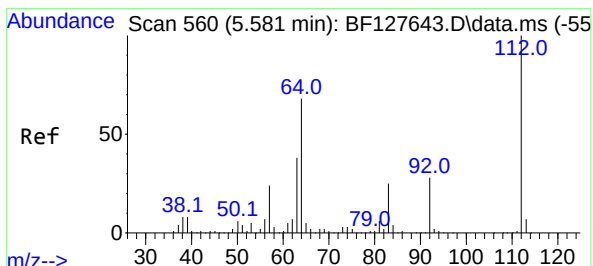
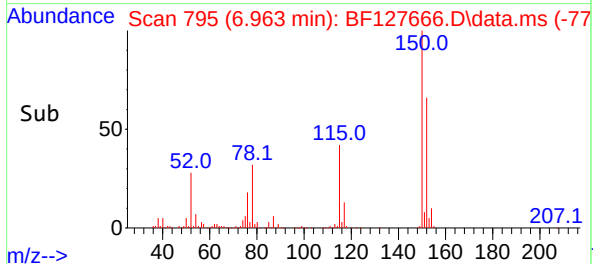
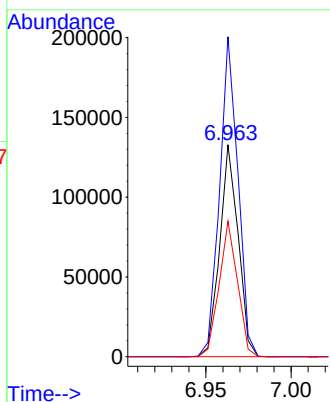
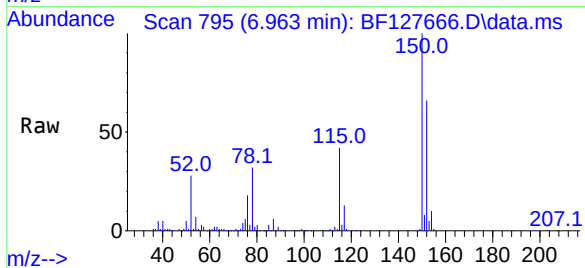




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.963 min Scan# 795  
Delta R.T. -0.000 min  
Lab File: BF127666.D  
Acq: 07 Apr 2022 00:00

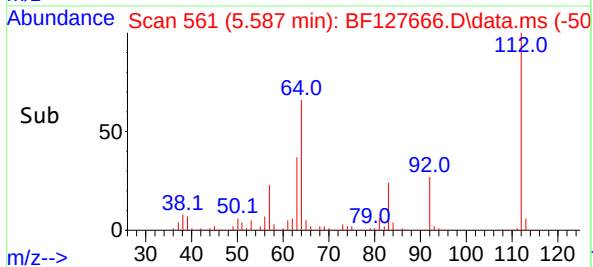
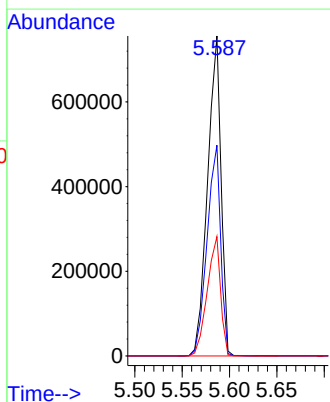
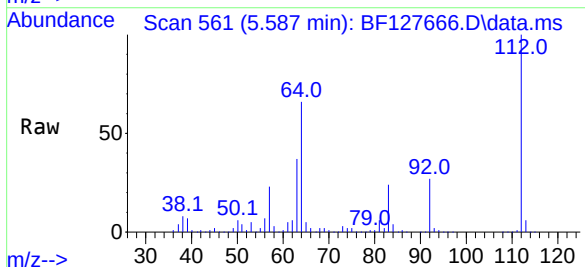
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-3

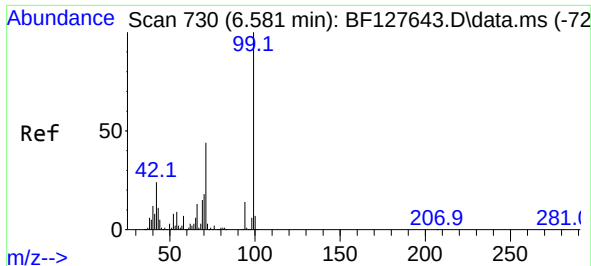
Tgt Ion:152 Resp: 100075  
Ion Ratio Lower Upper  
152 100  
150 150.9 117.2 175.8  
115 63.9 49.8 74.6



#5  
2-Fluorophenol  
Concen: 121.832 ng  
RT: 5.587 min Scan# 561  
Delta R.T. 0.006 min  
Lab File: BF127666.D  
Acq: 07 Apr 2022 00:00

Tgt Ion:112 Resp: 750343  
Ion Ratio Lower Upper  
112 100  
64 65.9 58.4 87.6  
63 37.3 30.1 45.1

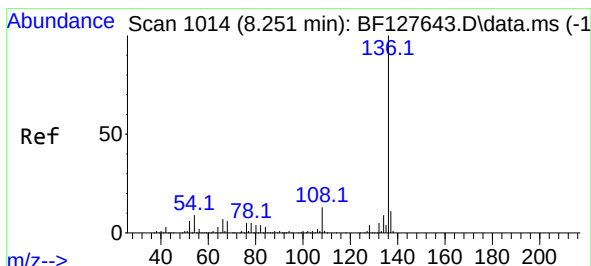
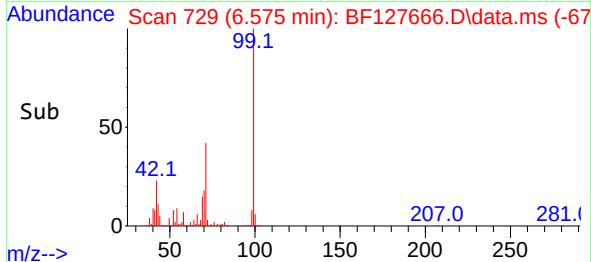
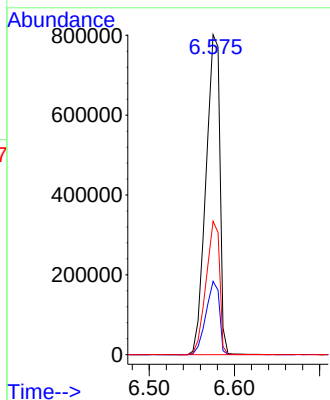
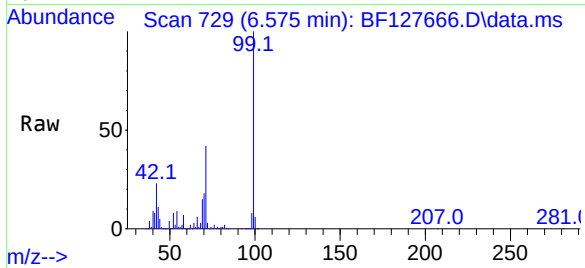




#7  
Phenol-d6  
Concen: 113.151 ng  
RT: 6.575 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127666.D  
Acq: 07 Apr 2022 00:00

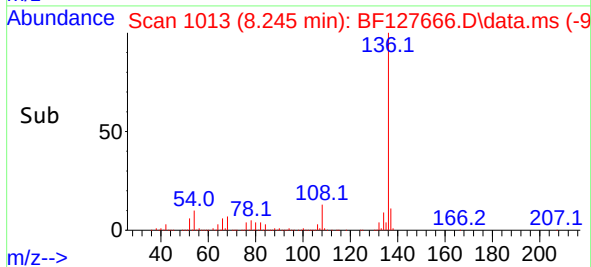
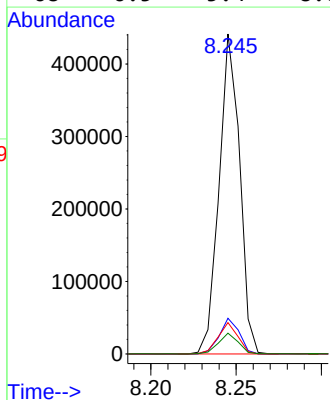
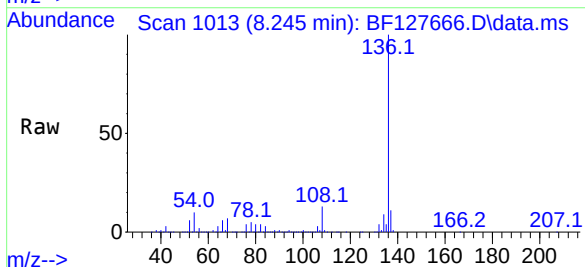
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-3

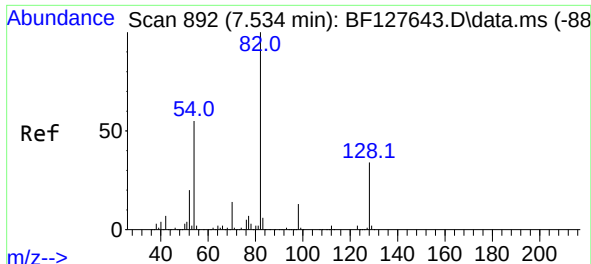
Tgt Ion: 99 Resp: 911661  
Ion Ratio Lower Upper  
99 100  
42 22.9 17.8 26.6  
71 41.7 29.6 44.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.245 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF127666.D  
Acq: 07 Apr 2022 00:00

Tgt Ion: 136 Resp: 370825  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 9.8 9.2 13.8  
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 90.567 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127666.D

Acq: 07 Apr 2022 00:00

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-3

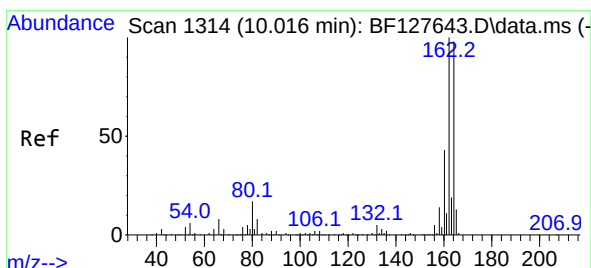
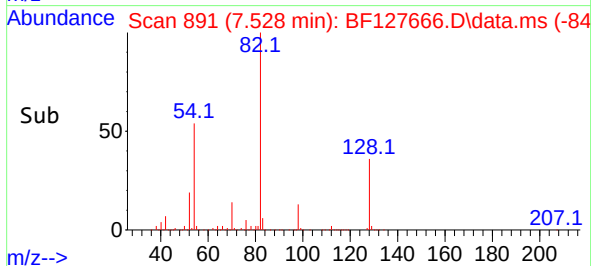
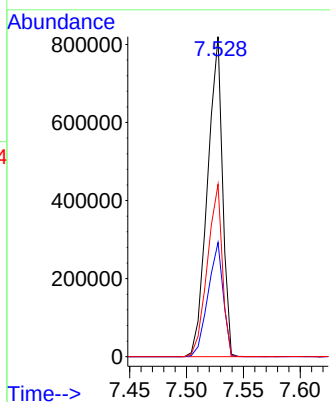
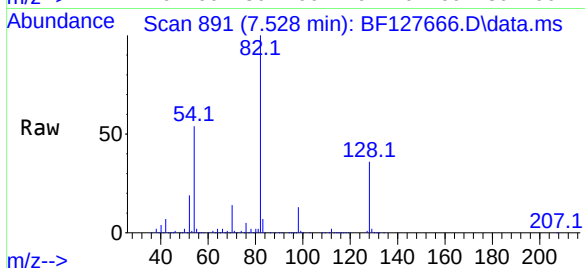
Tgt Ion: 82 Resp: 753333

Ion Ratio Lower Upper

82 100

128 35.7 30.6 45.8

54 53.8 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF127666.D

Acq: 07 Apr 2022 00:00

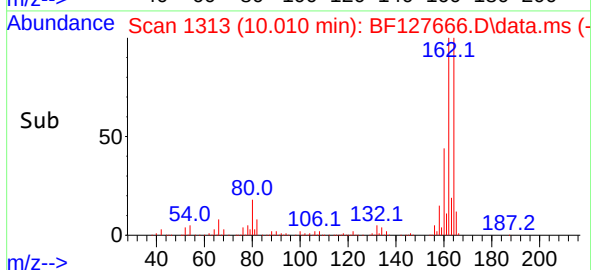
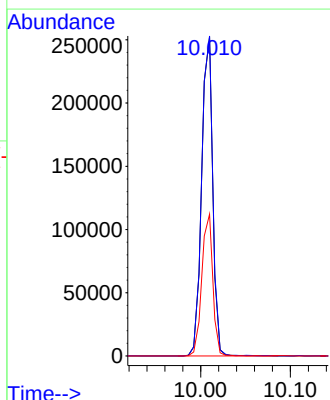
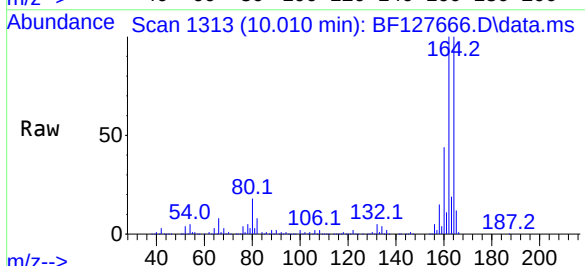
Tgt Ion:164 Resp: 215942

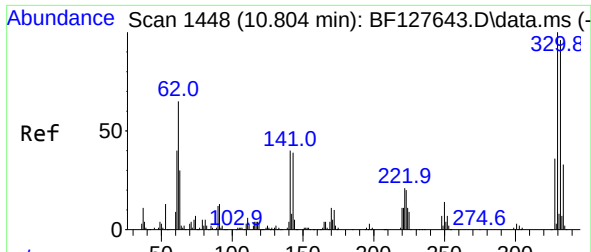
Ion Ratio Lower Upper

164 100

162 100.2 81.2 121.8

160 44.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 136.239 ng

RT: 10.798 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF127666.D

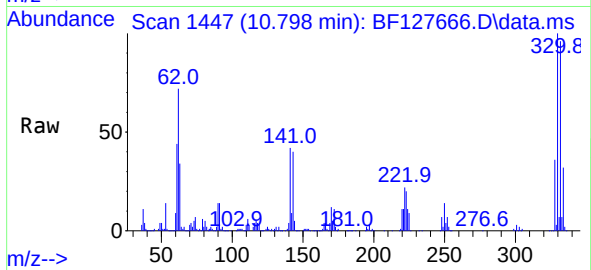
Acq: 07 Apr 2022 00:00

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-3



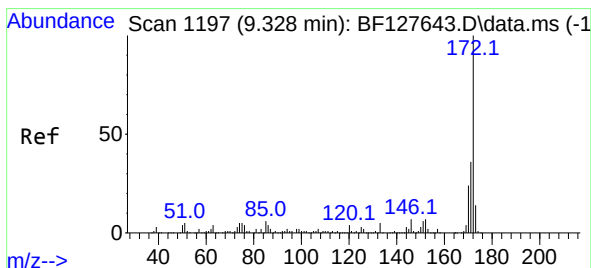
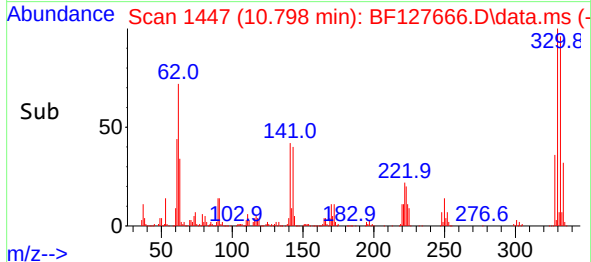
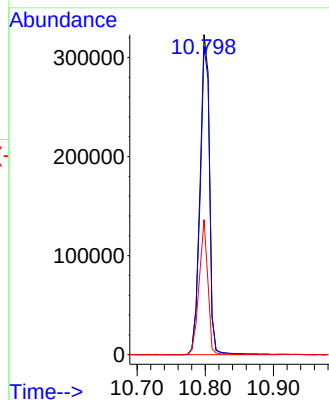
Tgt Ion:330 Resp: 313070

Ion Ratio Lower Upper

330 100

332 96.4 79.1 118.7

141 38.8 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 85.608 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127666.D

Acq: 07 Apr 2022 00:00

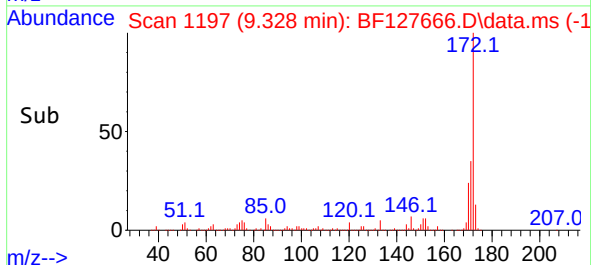
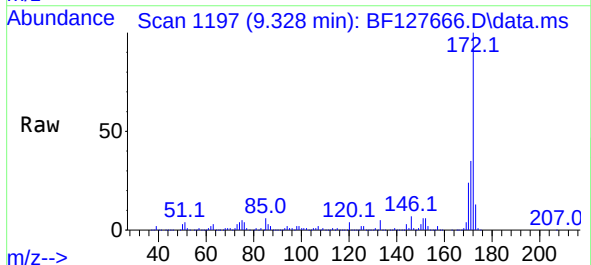
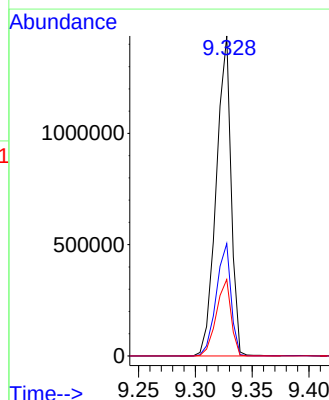
Tgt Ion:172 Resp: 1306768

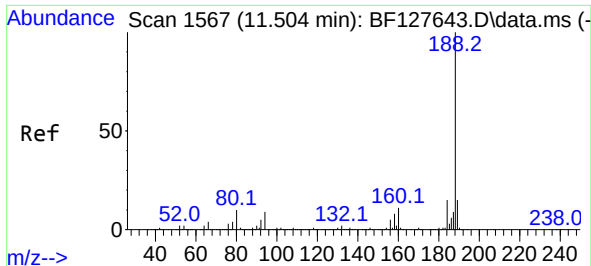
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.9 18.6 27.8

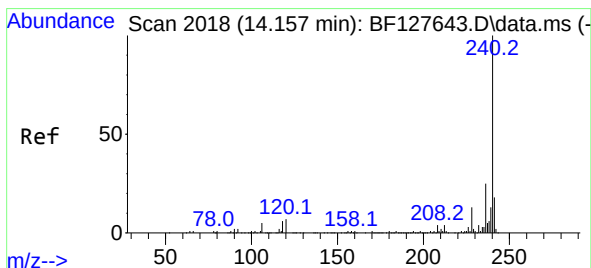
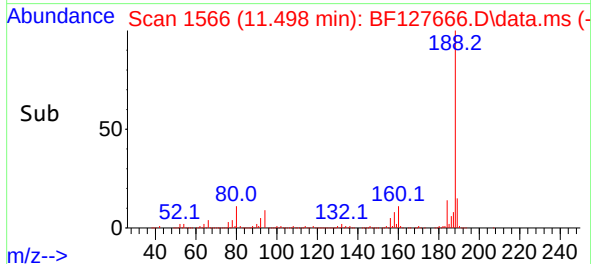
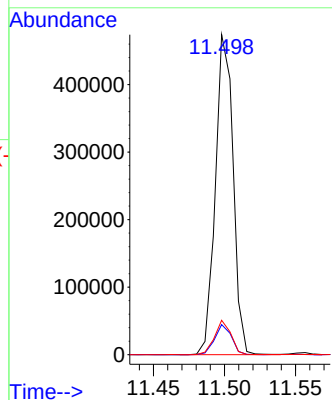
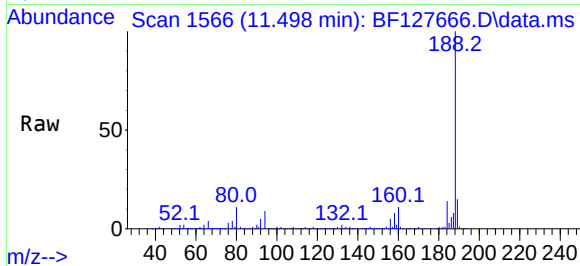




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.498 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127666.D  
Acq: 07 Apr 2022 00:00

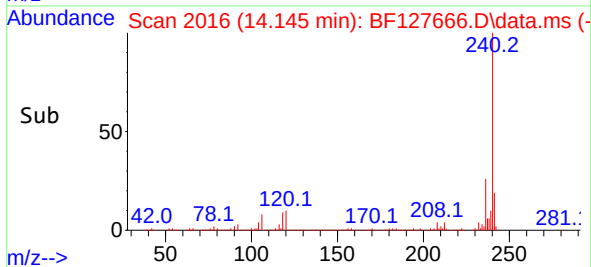
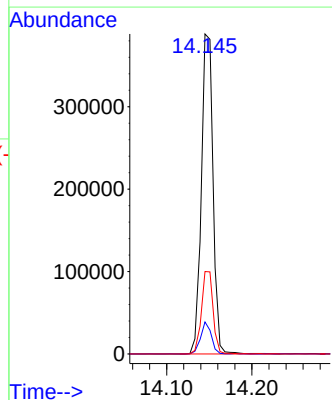
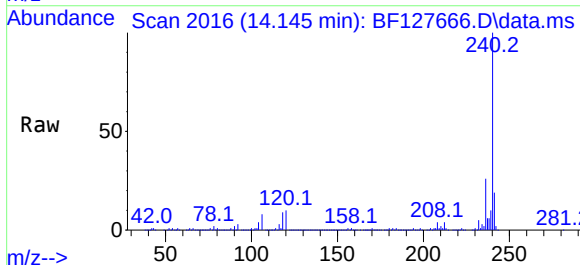
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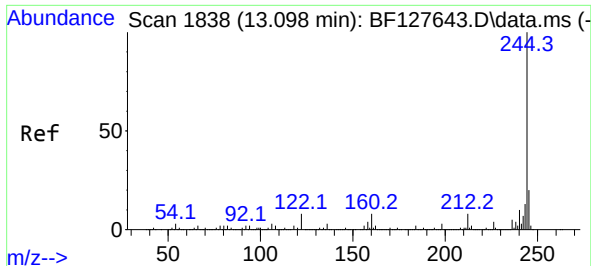
Tgt Ion:188 Resp: 411222  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.4 11.0  
80 10.7 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.145 min Scan# 2016  
Delta R.T. -0.012 min  
Lab File: BF127666.D  
Acq: 07 Apr 2022 00:00

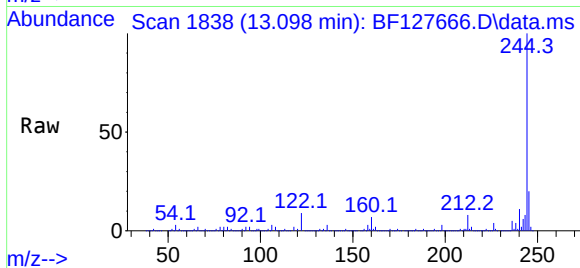
Tgt Ion:240 Resp: 371019  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.1 10.7  
236 25.7 20.7 31.1





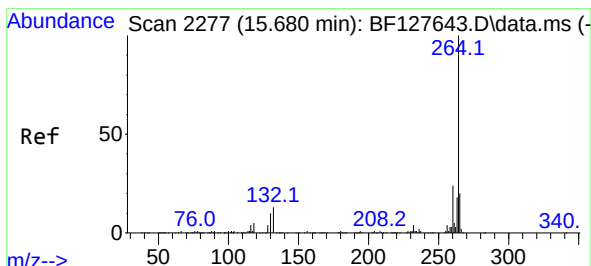
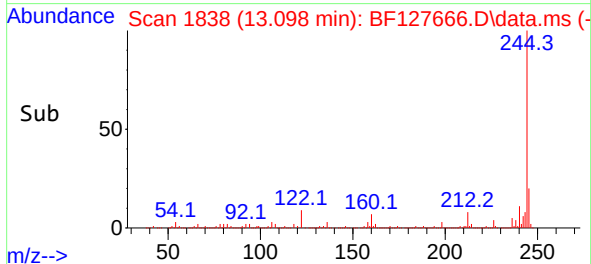
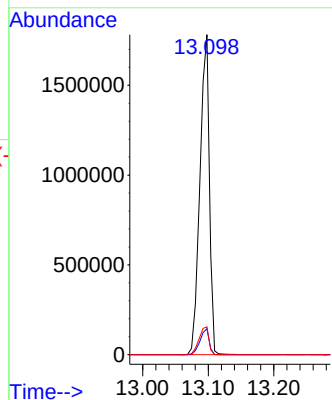
#79  
 Terphenyl-d14  
 Concen: 79.766 ng  
 RT: 13.098 min Scan# 1838  
 Delta R.T. -0.000 min  
 Lab File: BF127666.D  
 Acq: 07 Apr 2022 00:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-4-3



Tgt Ion:244 Resp: 1792967

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.1   | 5.7   | 8.5   |
| 122 | 8.7   | 6.2   | 9.2   |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.674 min Scan# 2276  
 Delta R.T. -0.006 min  
 Lab File: BF127666.D  
 Acq: 07 Apr 2022 00:00

Tgt Ion:264 Resp: 323275

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.8  | 19.1  | 28.7  |
| 265 | 21.6  | 17.4  | 26.2  |

