

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042522\  
 Data File : BF127871.D  
 Acq On : 25 Apr 2022 10:45  
 Operator : CG\JU  
 Sample : PB144283BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB144283BL

Quant Time: Apr 25 16:54:12 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Apr 24 00:43:03 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.940  | 152  | 155245   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.222  | 136  | 619726   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.981  | 164  | 352281   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.475 | 188  | 652092   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.116 | 240  | 492816   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.633 | 264  | 405901   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.569  | 112  | 1250308  | 128.279 | ng    | 0.00     |
| 7) Phenol-d6                | 6.563  | 99   | 1635295  | 129.302 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.504  | 82   | 1172226  | 88.947  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.775 | 330  | 441366   | 124.458 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.298  | 172  | 1879301  | 90.249  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.069 | 244  | 2211107  | 82.042  | ng    | 0.00     |

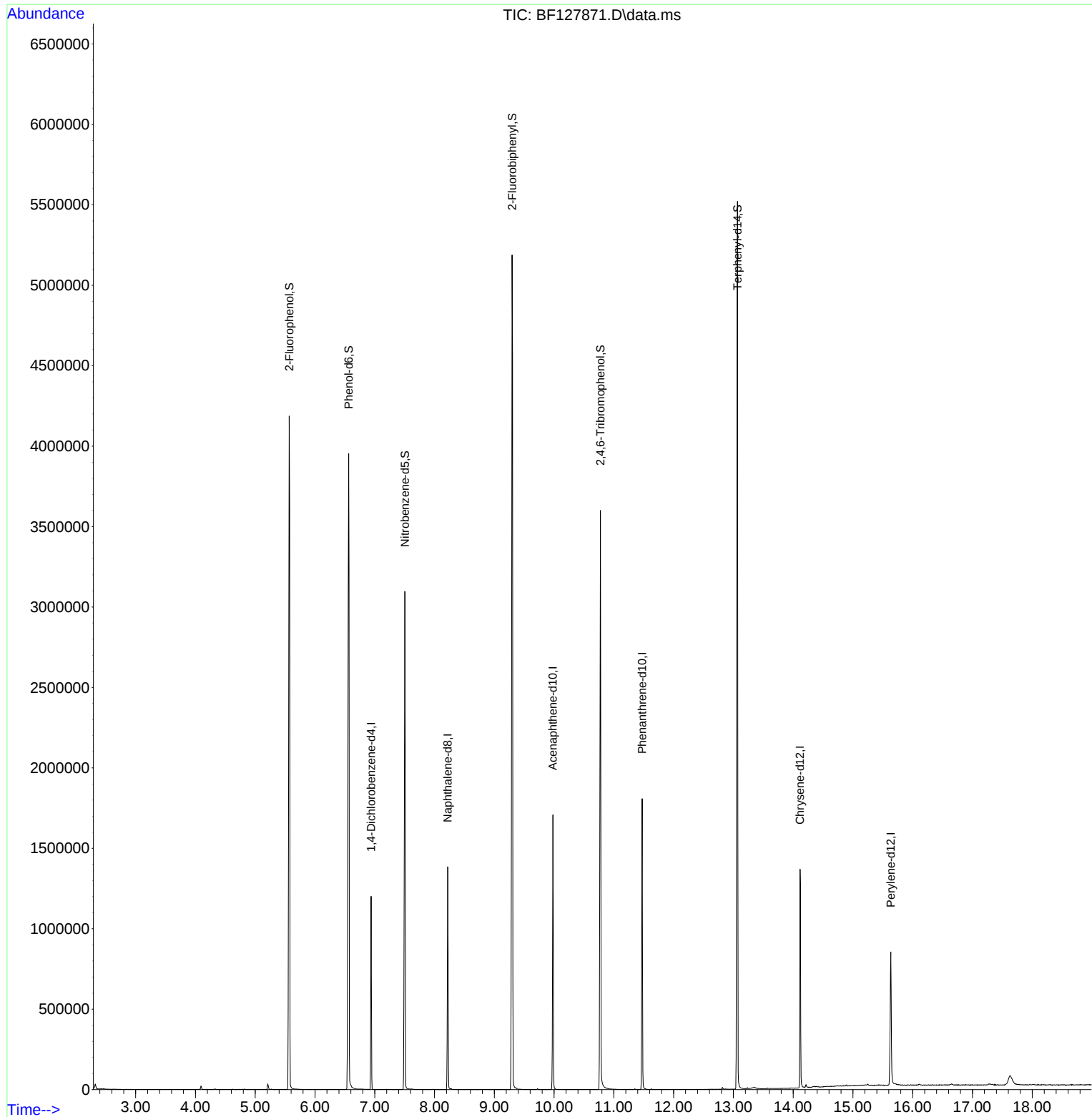
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

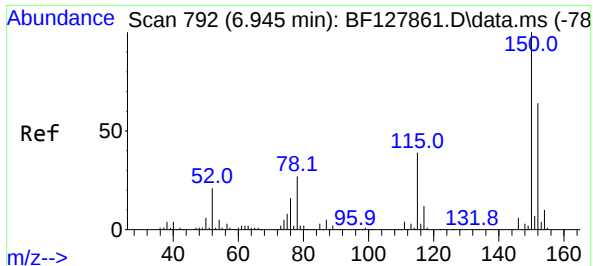
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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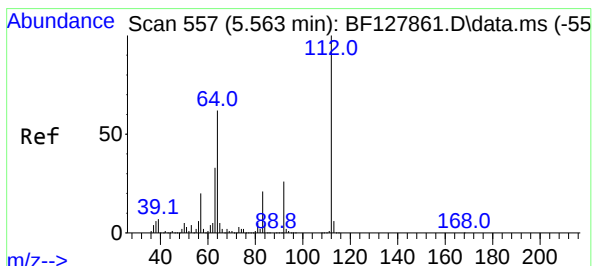
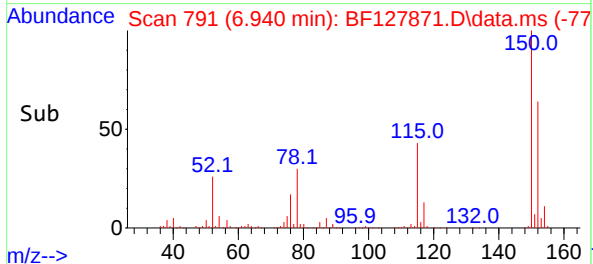
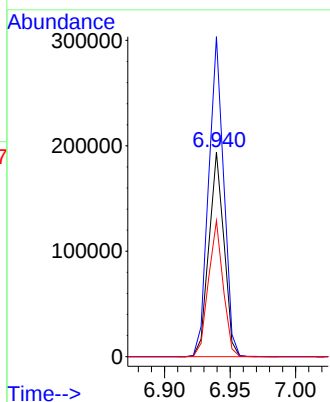
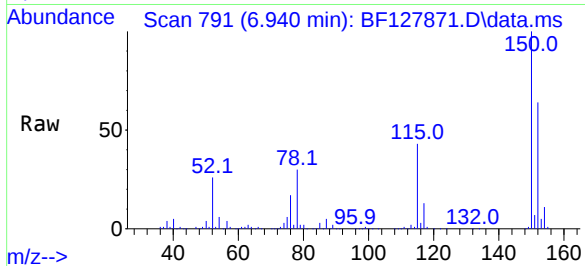




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.940 min Scan# 791  
Delta R.T. -0.005 min  
Lab File: BF127871.D  
Acq: 25 Apr 2022 10:45

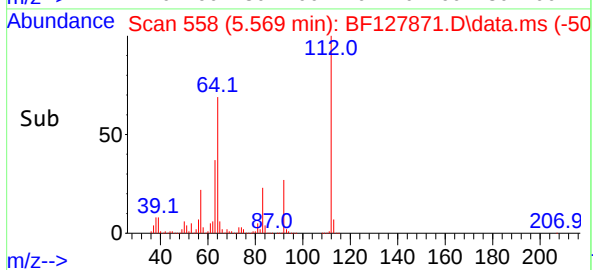
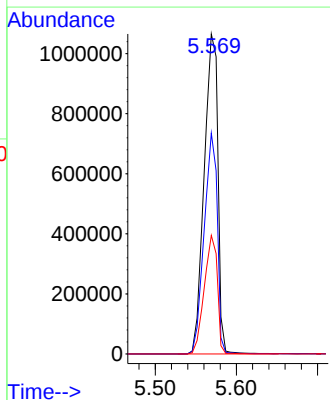
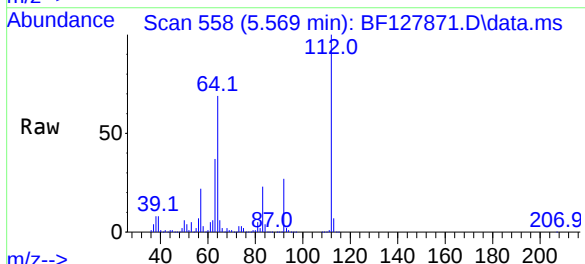
Instrument :  
BNA\_F  
ClientSampleId :  
PB144283BL

Tgt Ion:152 Resp: 155245  
Ion Ratio Lower Upper  
152 100  
150 156.4 125.3 187.9  
115 66.5 48.8 73.2

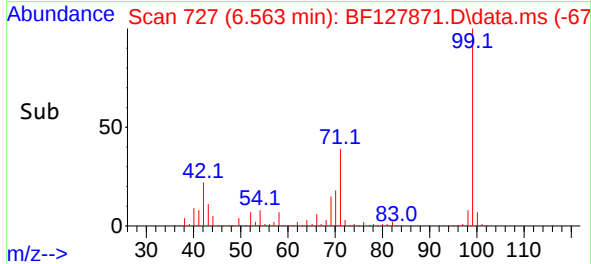
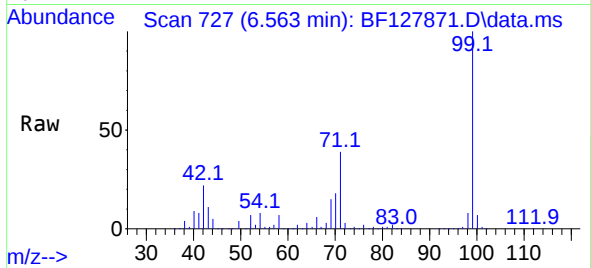
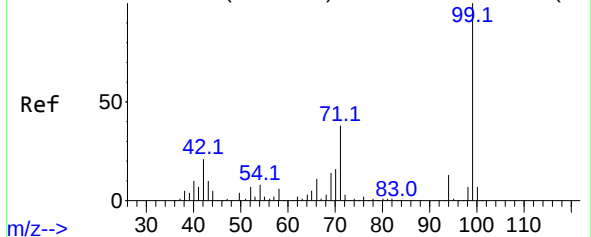


#5  
2-Fluorophenol  
Concen: 128.279 ng  
RT: 5.569 min Scan# 558  
Delta R.T. 0.006 min  
Lab File: BF127871.D  
Acq: 25 Apr 2022 10:45

Tgt Ion:112 Resp: 1250308  
Ion Ratio Lower Upper  
112 100  
64 69.0 49.5 74.3  
63 37.0 26.3 39.5



Abundance Scan 728 (6.569 min): BF127861.D\data.ms (-72



#7

Phenol-d6

Concen: 129.302 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127871.D

Acq: 25 Apr 2022 10:45

Instrument :

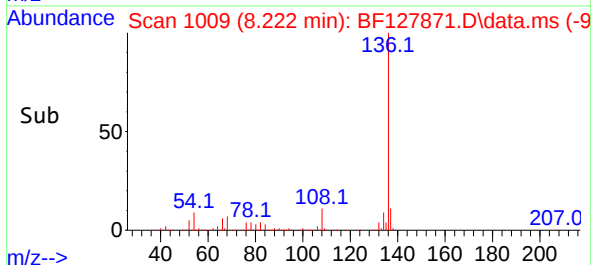
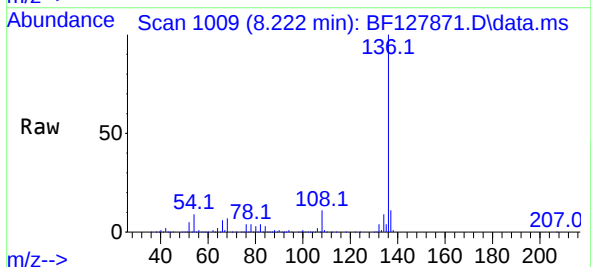
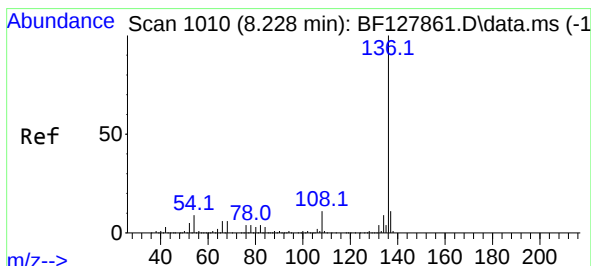
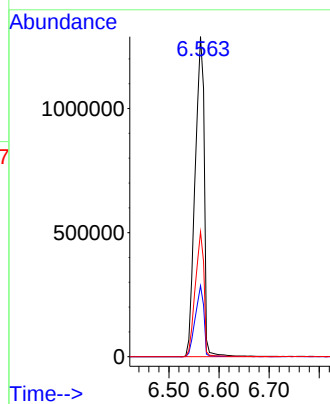
BNA\_F

ClientSampleId :

PB144283BL

Tgt Ion: 99 Resp: 1635295

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.2  | 16.6  | 24.8  |
| 71  | 39.0  | 30.0  | 45.0  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.222 min Scan# 1009

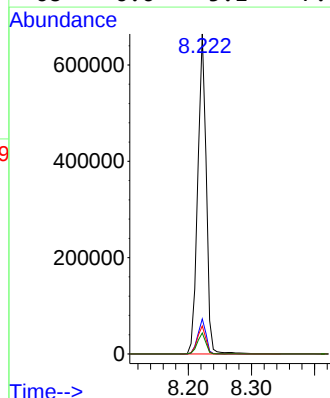
Delta R.T. -0.006 min

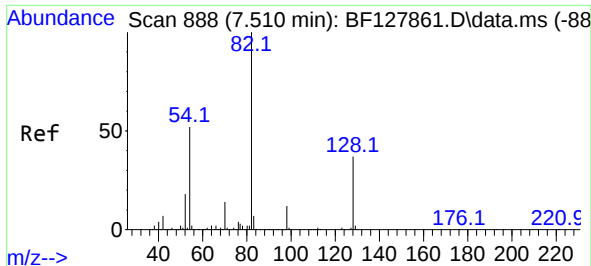
Lab File: BF127871.D

Acq: 25 Apr 2022 10:45

Tgt Ion:136 Resp: 619726

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 13.0  |
| 54  | 8.7   | 6.8   | 10.2  |
| 68  | 6.6   | 5.1   | 7.7   |





#23

Nitrobenzene-d5

Concen: 88.947 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127871.D

Acq: 25 Apr 2022 10:45

Instrument :

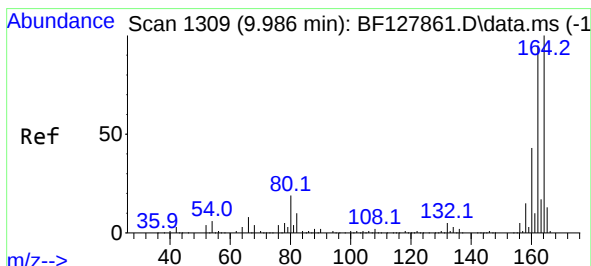
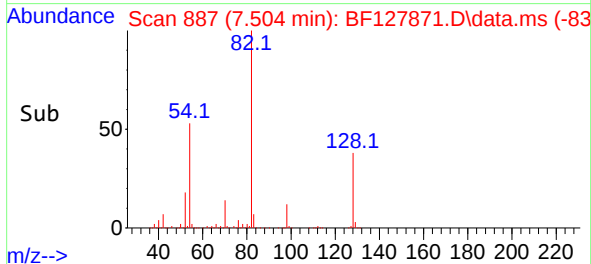
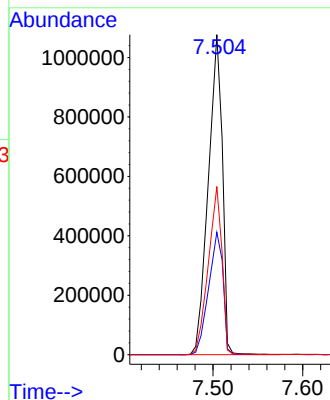
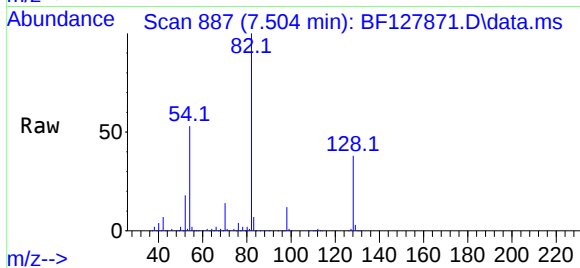
BNA\_F

ClientSampleId :

PB144283BL

Tgt Ion: 82 Resp: 1172226

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.2  | 30.0  | 45.0  |
| 54  | 52.6  | 41.3  | 61.9  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.981 min Scan# 1308

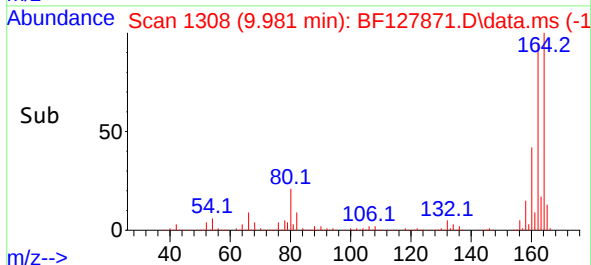
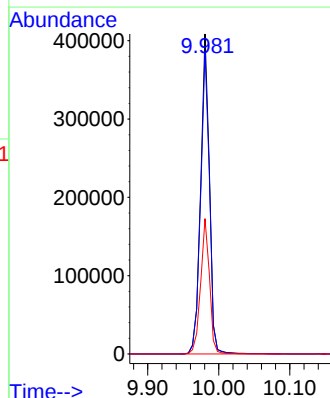
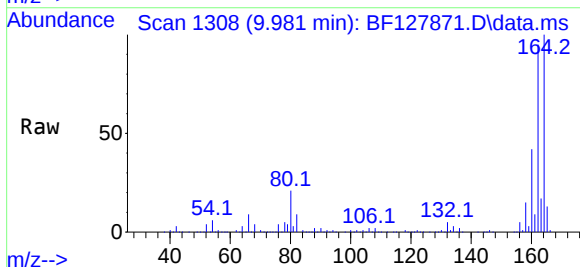
Delta R.T. -0.006 min

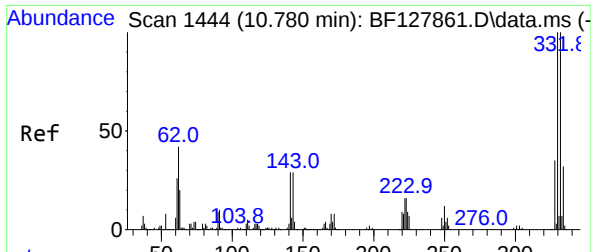
Lab File: BF127871.D

Acq: 25 Apr 2022 10:45

Tgt Ion: 164 Resp: 352281

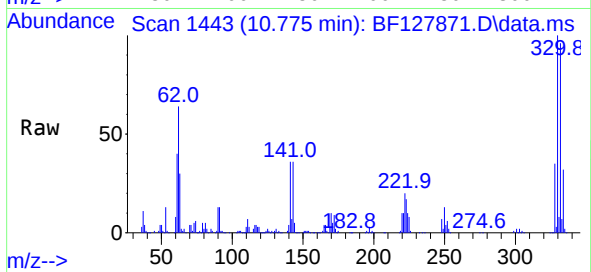
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 94.6  | 76.0  | 114.0 |
| 160 | 42.3  | 34.8  | 52.2  |



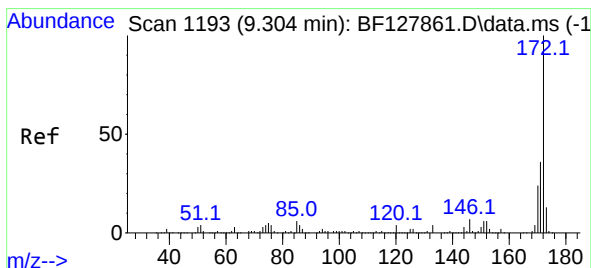
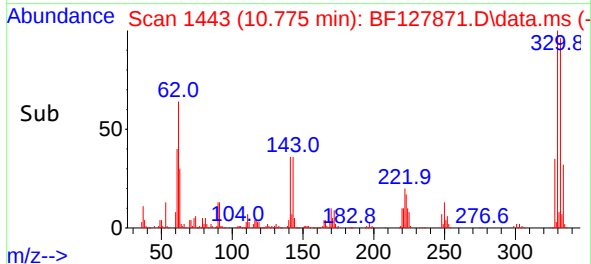
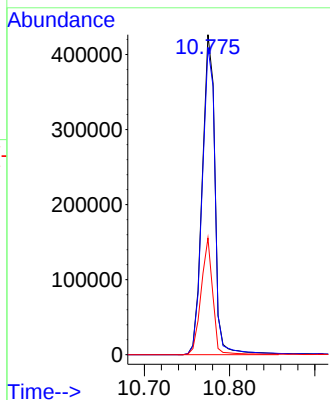


#42  
2,4,6-Tribromophenol  
Concen: 124.458 ng  
RT: 10.775 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BF127871.D  
Acq: 25 Apr 2022 10:45

Instrument :  
BNA\_F  
ClientSampleId :  
PB144283BL

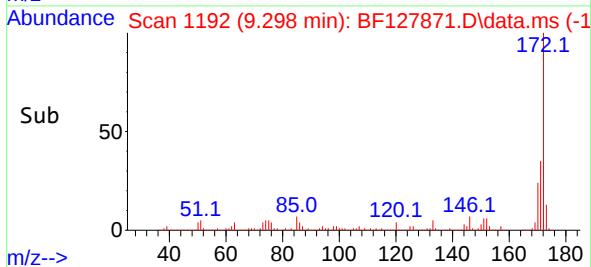
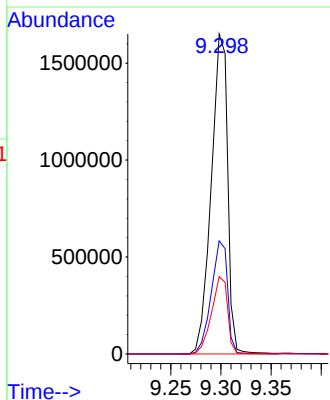
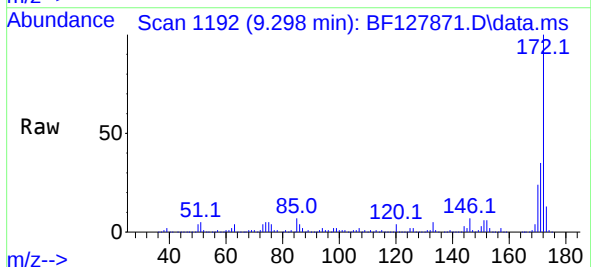


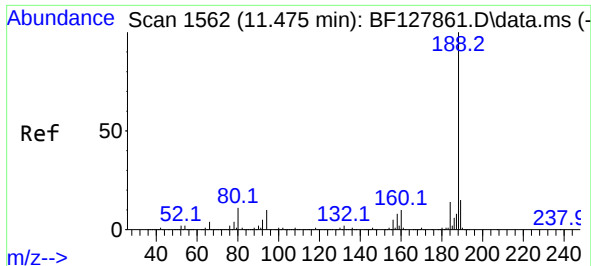
Tgt Ion:330 Resp: 441366  
Ion Ratio Lower Upper  
330 100  
332 98.0 79.0 118.4  
141 33.5 28.9 43.3



#45  
2-Fluorobiphenyl  
Concen: 90.249 ng  
RT: 9.298 min Scan# 1192  
Delta R.T. -0.006 min  
Lab File: BF127871.D  
Acq: 25 Apr 2022 10:45

Tgt Ion:172 Resp: 1879301  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.6 42.8  
170 24.1 19.1 28.7

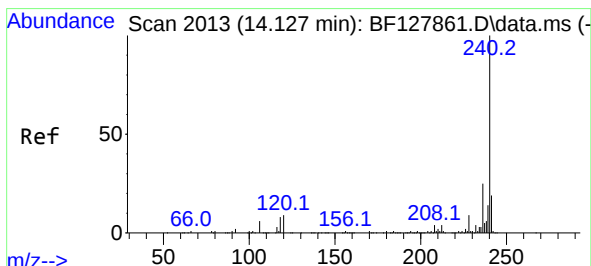
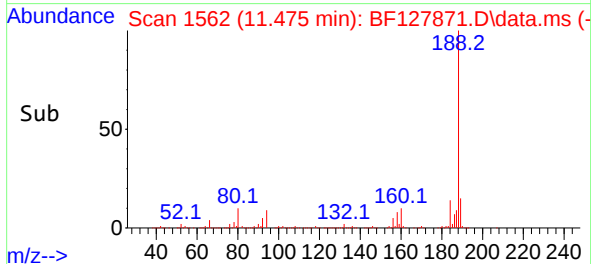
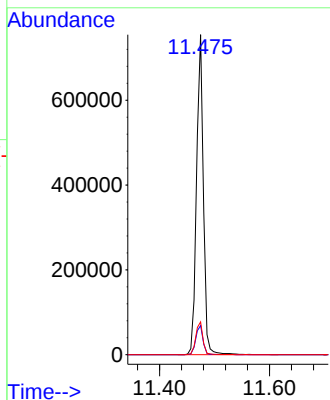
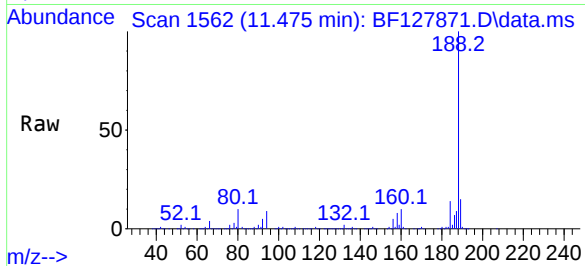




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.475 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127871.D  
Acq: 25 Apr 2022 10:45

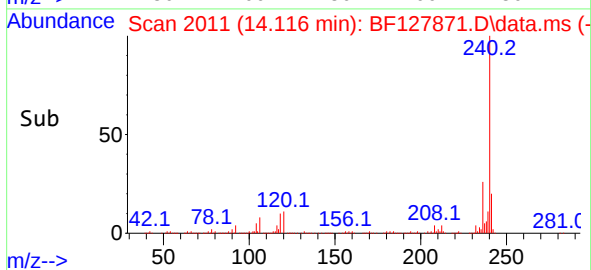
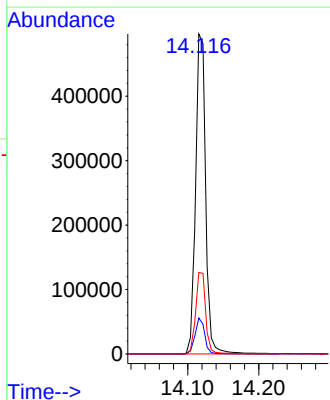
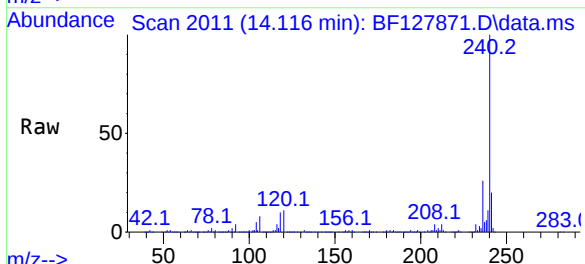
Instrument :  
BNA\_F  
ClientSampleId :  
PB144283BL

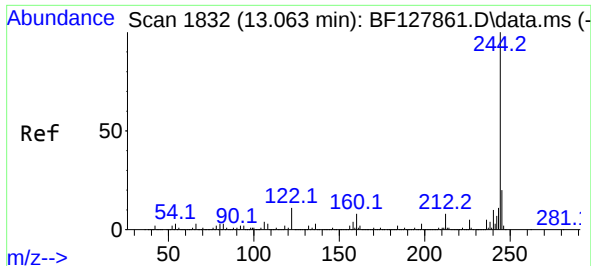
Tgt Ion:188 Resp: 652092  
Ion Ratio Lower Upper  
188 100  
94 9.1 8.0 12.0  
80 10.2 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.116 min Scan# 2011  
Delta R.T. -0.012 min  
Lab File: BF127871.D  
Acq: 25 Apr 2022 10:45

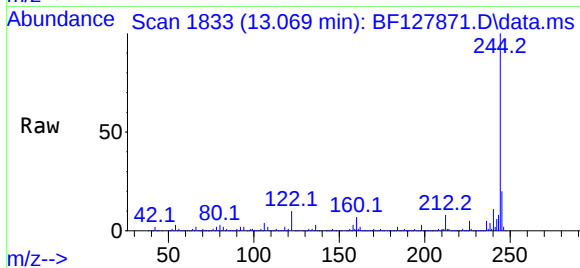
Tgt Ion:240 Resp: 492816  
Ion Ratio Lower Upper  
240 100  
120 11.3 7.0 10.6#  
236 25.5 20.3 30.5



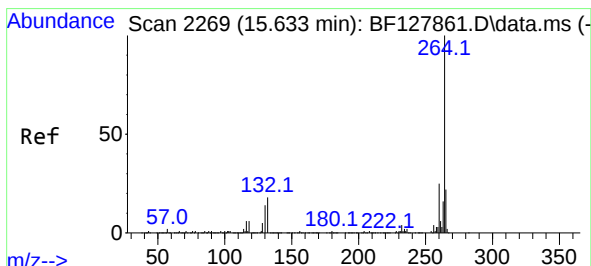
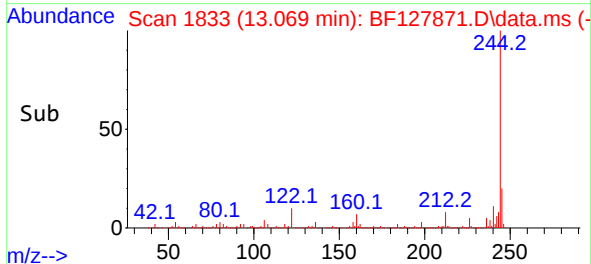
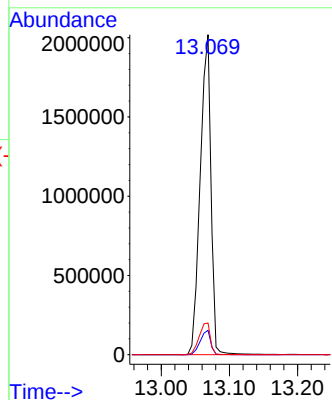


#79  
 Terphenyl-d14  
 Concen: 82.042 ng  
 RT: 13.069 min Scan# 1833  
 Delta R.T. 0.006 min  
 Lab File: BF127871.D  
 Acq: 25 Apr 2022 10:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB144283BL



Tgt Ion:244 Resp: 2211107  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.2 9.4  
 122 9.9 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.633 min Scan# 2269  
 Delta R.T. 0.000 min  
 Lab File: BF127871.D  
 Acq: 25 Apr 2022 10:45

Tgt Ion:264 Resp: 405901  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 20.1 30.1  
 265 21.3 17.5 26.3

