

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF040822\  
 Data File : BF127717.D  
 Acq On : 08 Apr 2022 16:56  
 Operator : CG\JU  
 Sample : N2317-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NORTH-3

Quant Time: Apr 11 02:22:04 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

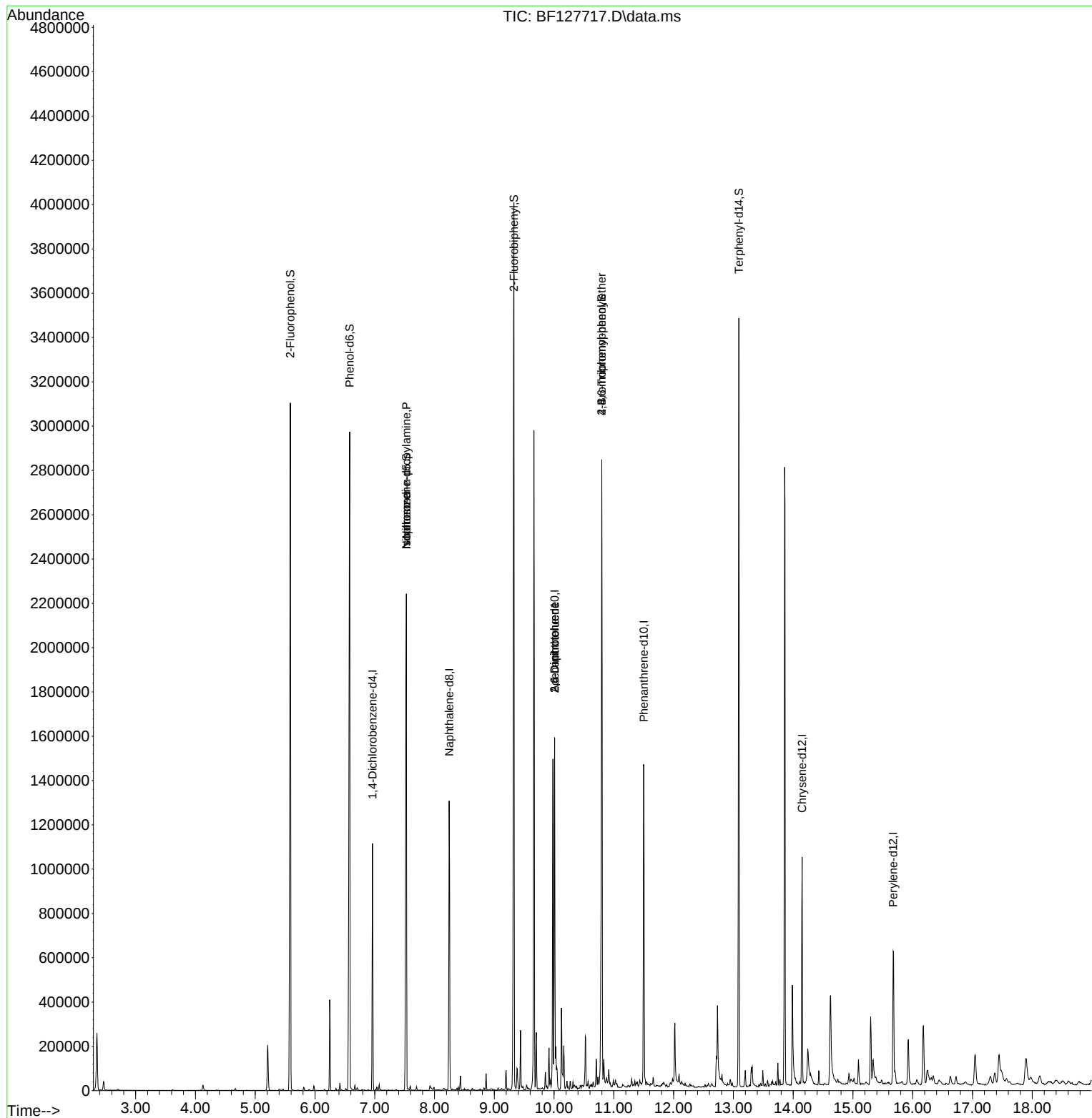
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.963  | 152  | 143069   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.245  | 136  | 545938   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 10.010 | 164  | 314243   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.504 | 188  | 556855   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.151 | 240  | 347325   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.674 | 264  | 299359   | 20.000    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 830959   | 94.376    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.581  | 99   | 1083776  | 94.090    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.528  | 82   | 769362   | 62.826    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.798 | 330  | 335546   | 100.342   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.327  | 172  | 1279760  | 57.613    | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.092 | 244  | 1227051  | 58.313    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.516  | 77   | 1304     | Below Cal |       | 85       |
| 19) n-Nitroso-di-n-propyla... | 7.528  | 70   | 104386   | 14.012    | ng    | # 76     |
| 25) Isophorone                | 7.528  | 82   | 769352   | 36.005    | ng    | # 70     |
| 51) 2,6-Dinitrotoluene        | 10.010 | 165  | 40537    | 9.441     | ng    | # 17     |
| 57) 2,4-Dinitrotoluene        | 10.010 | 165  | 40537    | 7.615     | ng    | # 14     |
| 67) 4-Bromophenyl-phenylether | 10.798 | 248  | 21949    | 3.248     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

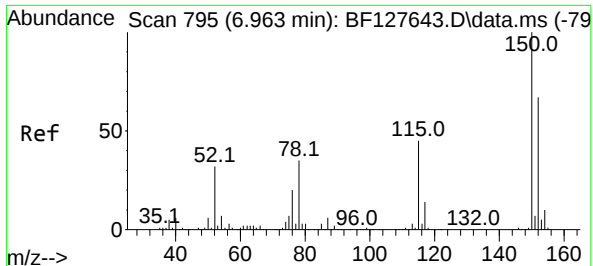
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF040822\  
Data File : BF127717.D  
Acq On : 08 Apr 2022 16:56  
Operator : CG\JU  
Sample : N2317-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-3

Quant Time: Apr 11 02:22:04 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

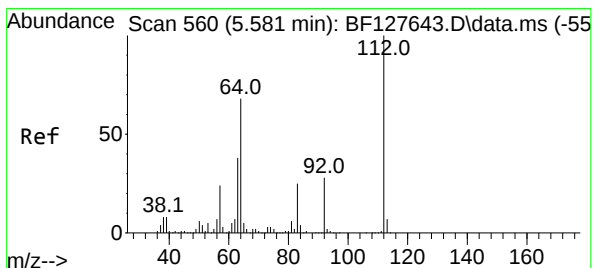
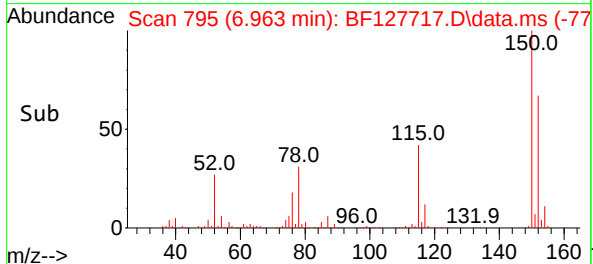
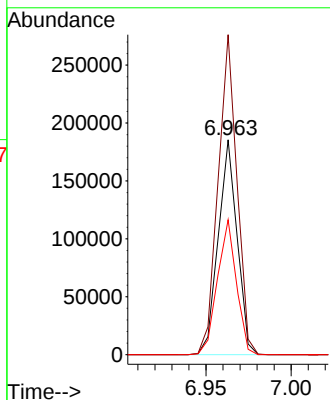
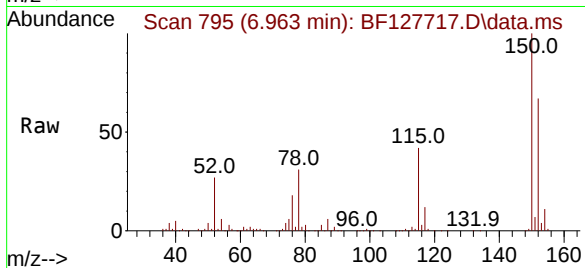




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.963 min Scan# 795  
 Delta R.T. -0.000 min  
 Lab File: BF127717.D  
 Acq: 08 Apr 2022 16:56

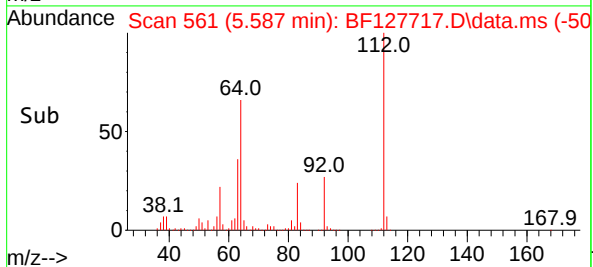
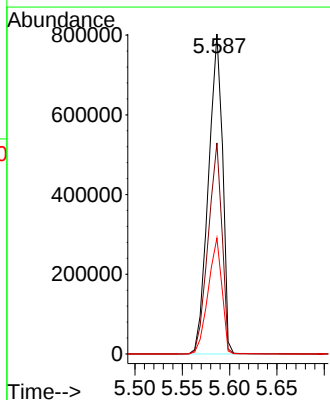
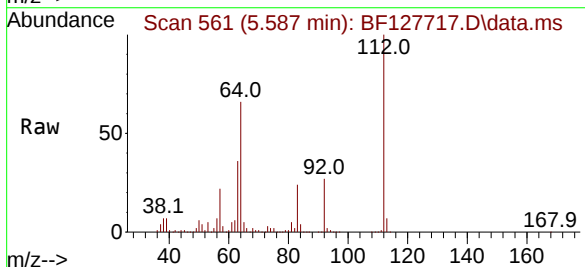
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NORTH-3

Tgt Ion:152 Resp: 143069  
 Ion Ratio Lower Upper  
 152 100  
 150 149.0 117.2 175.8  
 115 62.8 49.8 74.6



#5  
 2-Fluorophenol  
 Concen: 94.376 ng  
 RT: 5.587 min Scan# 561  
 Delta R.T. 0.006 min  
 Lab File: BF127717.D  
 Acq: 08 Apr 2022 16:56

Tgt Ion:112 Resp: 830959  
 Ion Ratio Lower Upper  
 112 100  
 64 66.0 58.4 87.6  
 63 36.3 30.1 45.1





#7

Phenol-d6

Concen: 94.090 ng

RT: 6.581 min Scan# 719

Delta R.T. -0.000 min

Lab File: BF127717.D

Acq: 08 Apr 2022 16:56

Instrument :

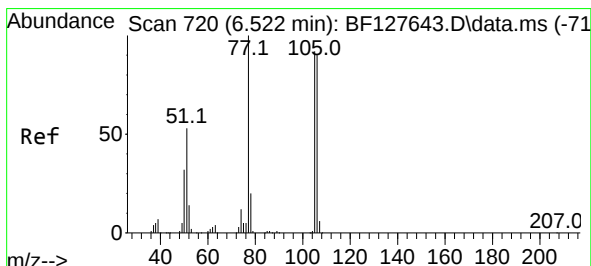
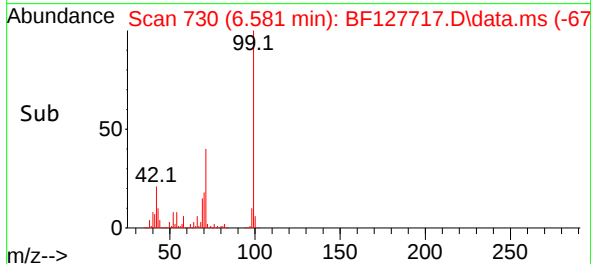
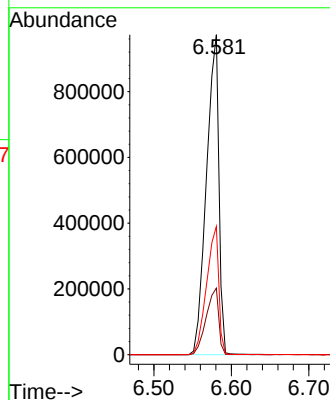
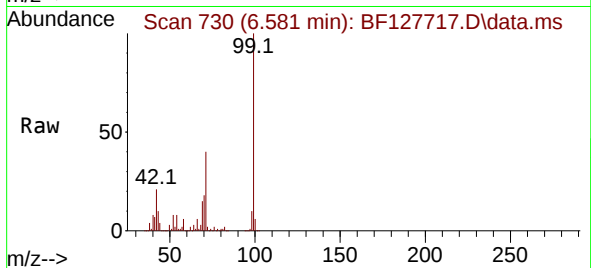
BNA\_F

ClientSampleId :

NORTH-3

Tgt Ion: 99 Resp: 1083776

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.8  | 17.8  | 26.6  |
| 71  | 40.1  | 29.6  | 44.4  |



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 719

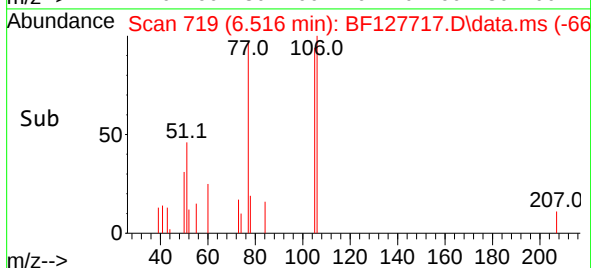
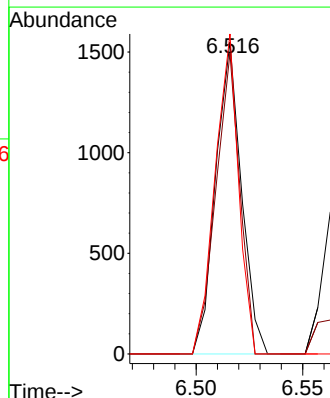
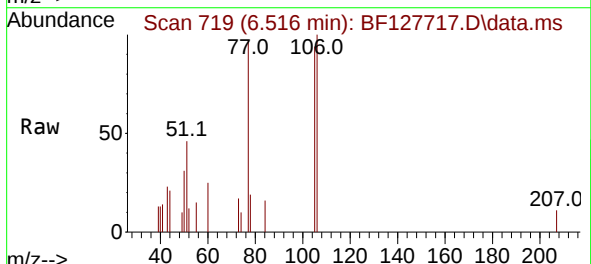
Delta R.T. -0.006 min

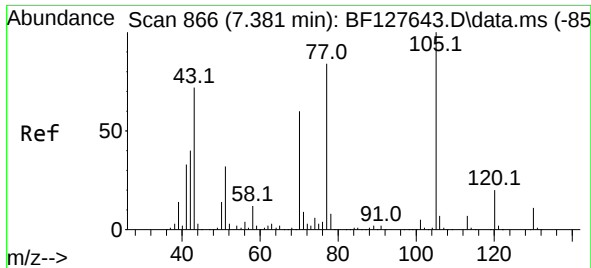
Lab File: BF127717.D

Acq: 08 Apr 2022 16:56

Tgt Ion: 77 Resp: 1304

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 96.5  | 66.8  | 106.8 |
| 106 | 102.6 | 64.3  | 104.3 |





#19

n-Nitroso-di-n-propylamine

Concen: 14.012 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127717.D

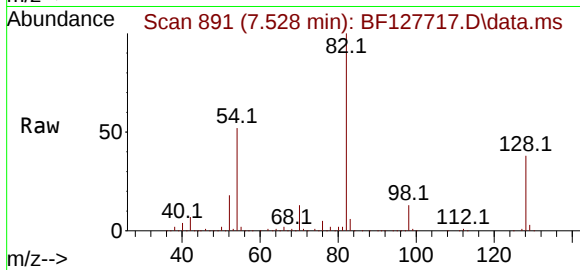
Acq: 08 Apr 2022 16:56

Instrument :

BNA\_F

ClientSampleId :

NORTH-3



Tgt Ion: 70 Resp: 104386

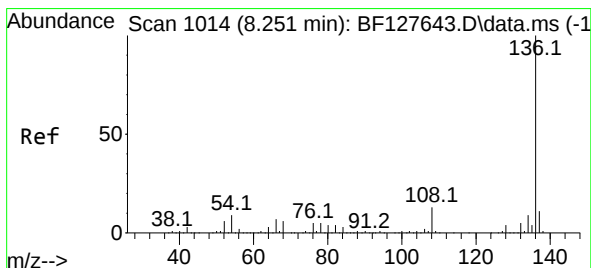
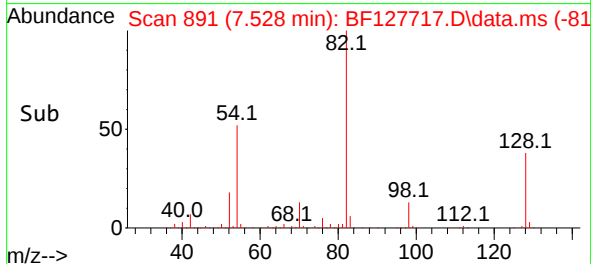
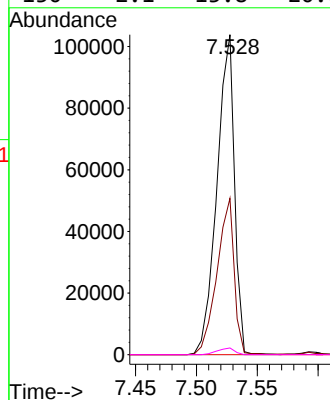
Ion Ratio Lower Upper

70 100

42 48.8 53.0 79.6#

101 0.0 6.8 10.2#

130 2.1 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127717.D

Acq: 08 Apr 2022 16:56

Tgt Ion: 136 Resp: 545938

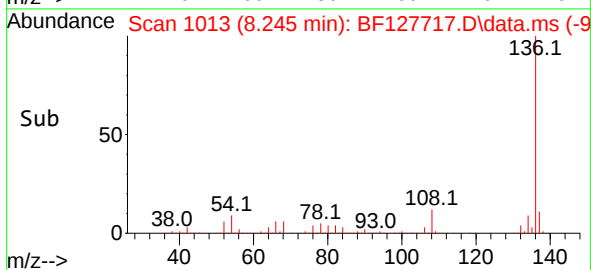
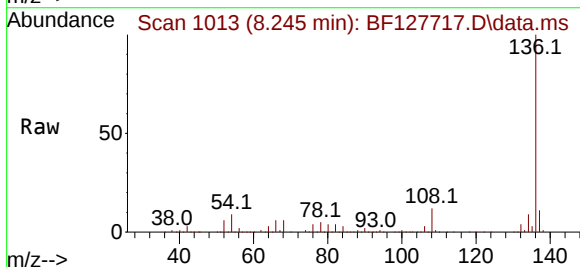
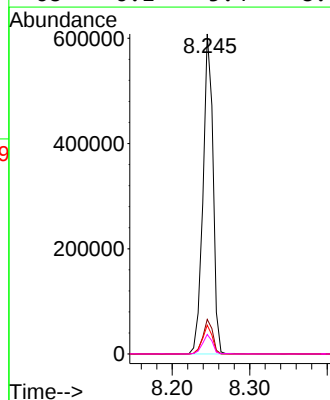
Ion Ratio Lower Upper

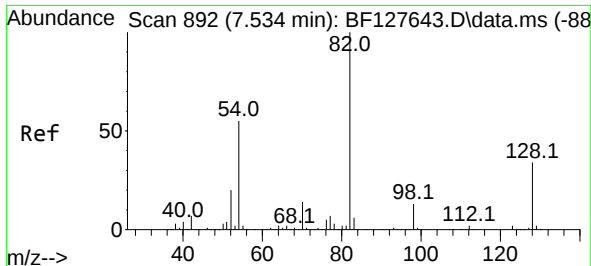
136 100

137 10.8 8.6 13.0

54 9.0 9.2 13.8#

68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 62.826 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127717.D

Acq: 08 Apr 2022 16:56

Instrument :

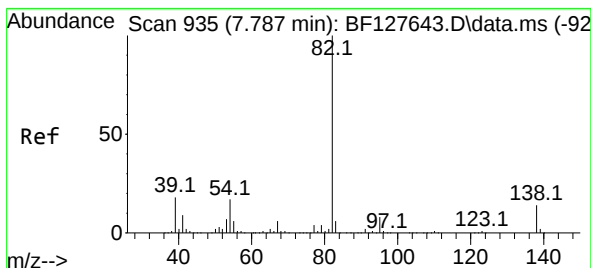
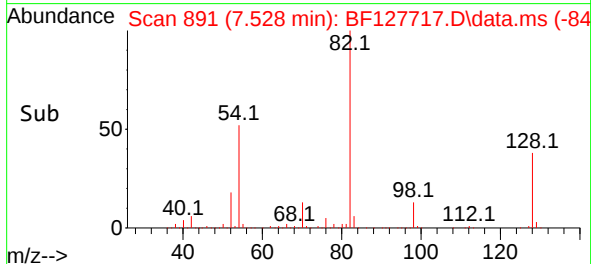
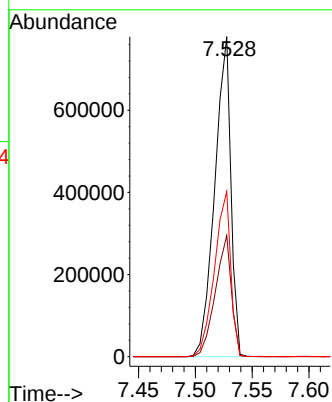
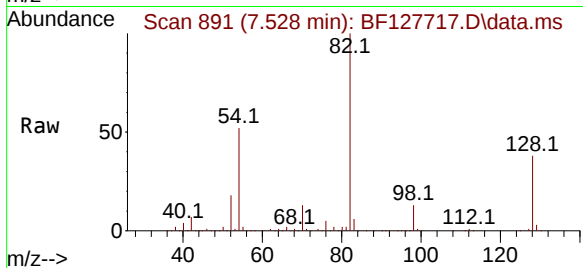
BNA\_F

ClientSampleId :

NORTH-3

Tgt Ion: 82 Resp: 769362

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.8  | 30.6  | 45.8  |
| 54  | 51.6  | 48.2  | 72.2  |



#25

Isophorone

Concen: 36.005 ng

RT: 7.528 min Scan# 891

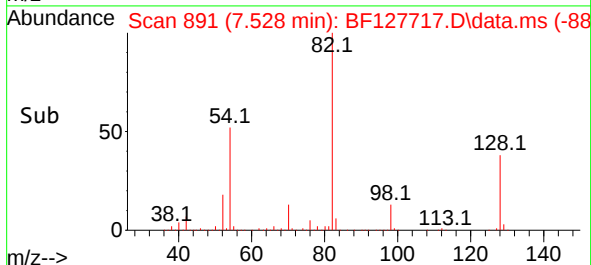
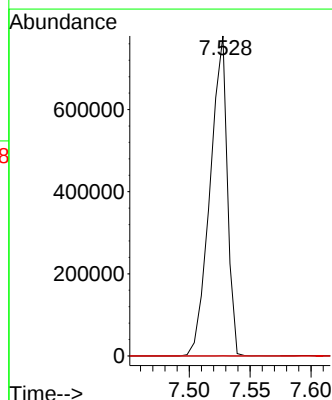
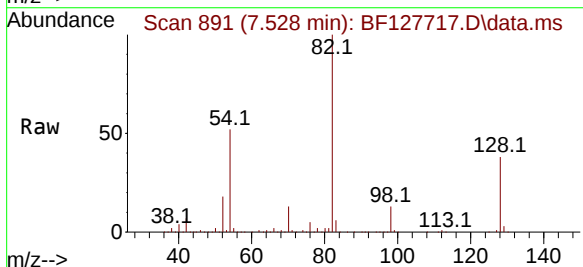
Delta R.T. -0.259 min

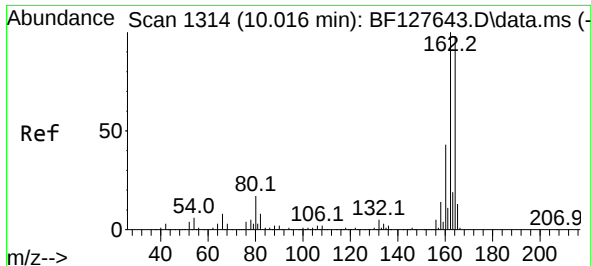
Lab File: BF127717.D

Acq: 08 Apr 2022 16:56

Tgt Ion: 82 Resp: 769352

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 0.0   | 5.8   | 8.8#  |
| 138 | 0.0   | 11.6  | 17.4# |

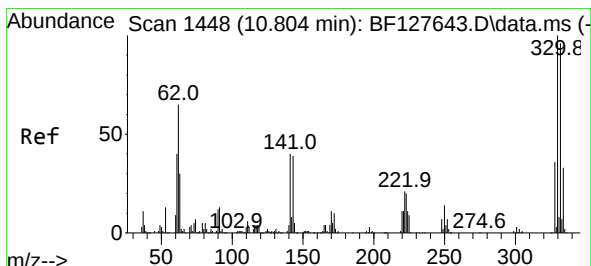
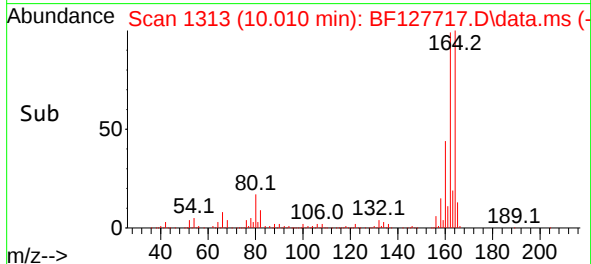
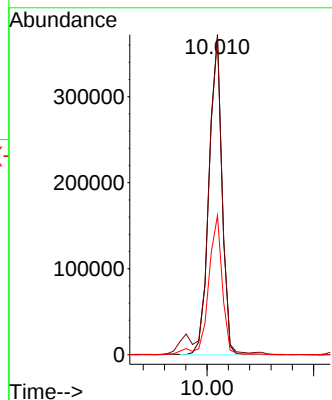
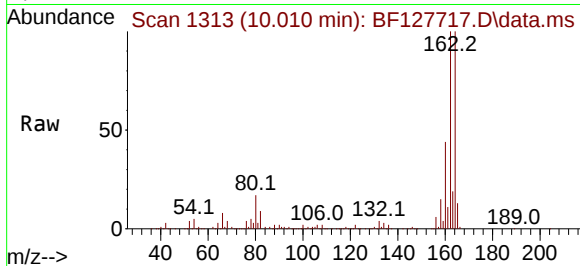




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.010 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127717.D  
Acq: 08 Apr 2022 16:56

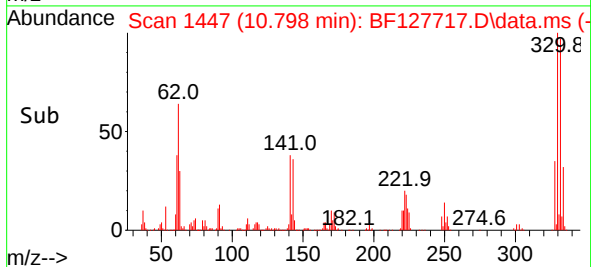
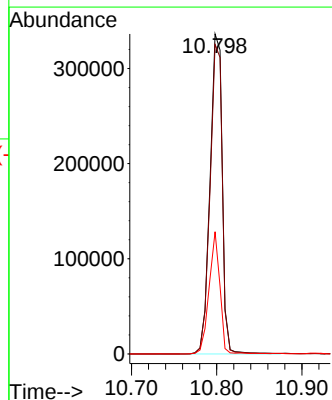
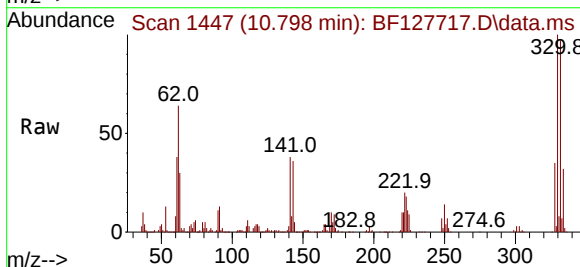
Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-3

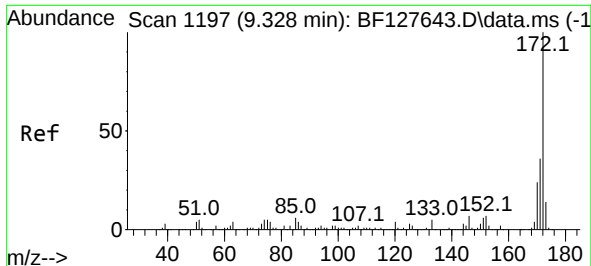
Tgt Ion:164 Resp: 314243  
Ion Ratio Lower Upper  
164 100  
162 99.6 81.2 121.8  
160 43.5 34.6 52.0



#42  
2,4,6-Tribromophenol  
Concen: 100.342 ng  
RT: 10.798 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: BF127717.D  
Acq: 08 Apr 2022 16:56

Tgt Ion:330 Resp: 335546  
Ion Ratio Lower Upper  
330 100  
332 96.8 79.1 118.7  
141 33.9 26.2 39.4

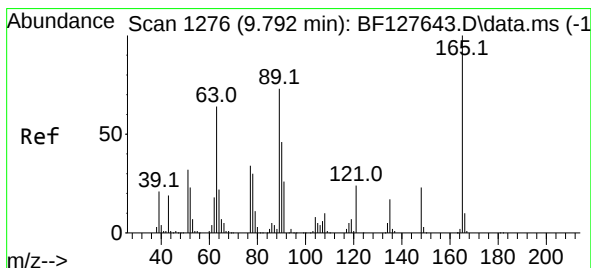
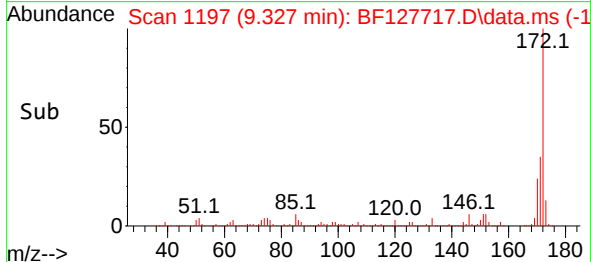
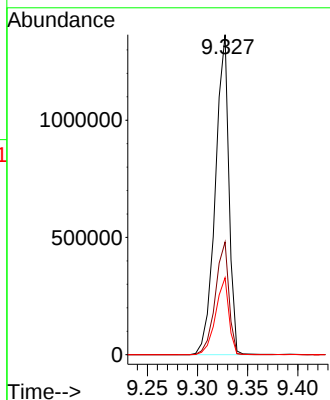
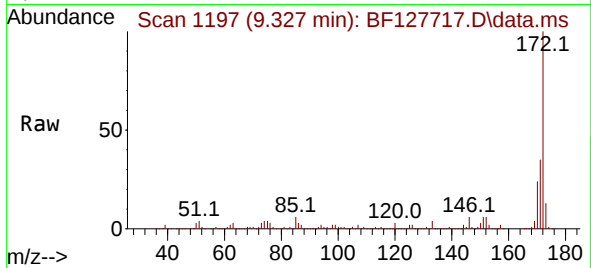




#45  
2-Fluorobiphenyl  
Concen: 57.613 ng  
RT: 9.327 min Scan# 1197  
Delta R.T. -0.000 min  
Lab File: BF127717.D  
Acq: 08 Apr 2022 16:56

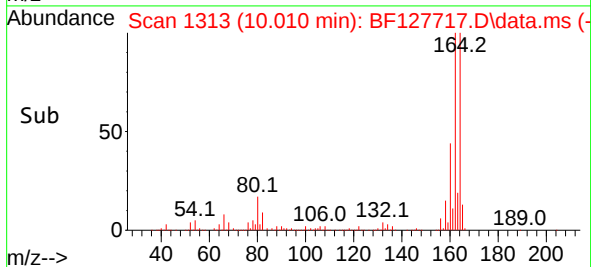
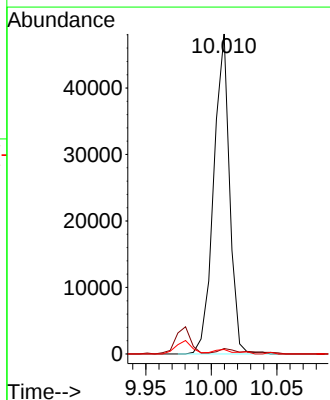
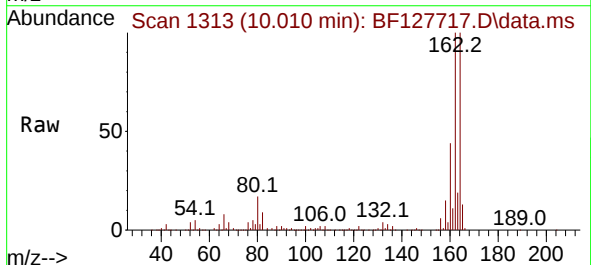
Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-3

Tgt Ion:172 Resp: 1279760  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.4 42.6  
170 24.1 18.6 27.8



#51  
2,6-Dinitrotoluene  
Concen: 9.441 ng  
RT: 10.010 min Scan# 1313  
Delta R.T. 0.218 min  
Lab File: BF127717.D  
Acq: 08 Apr 2022 16:56

Tgt Ion:165 Resp: 40537  
Ion Ratio Lower Upper  
165 100  
63 1.7 58.3 87.5#  
89 1.4 51.5 77.3#

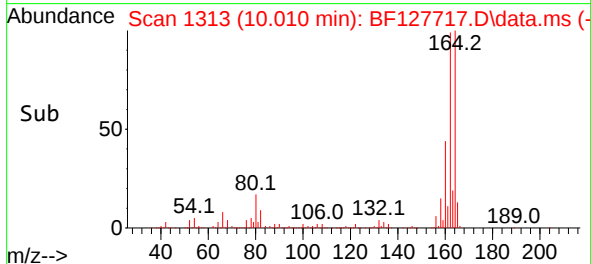
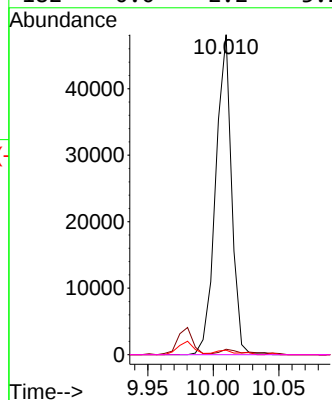
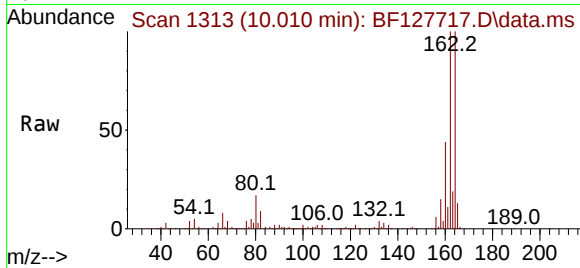




#57  
2,4-Dinitrotoluene  
Concen: 7.615 ng  
RT: 10.010 min Scan# 11  
Delta R.T. -0.188 min  
Lab File: BF127717.D  
Acq: 08 Apr 2022 16:56

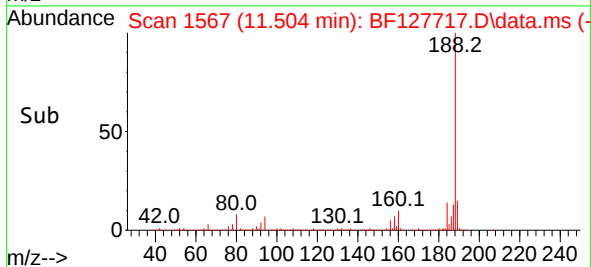
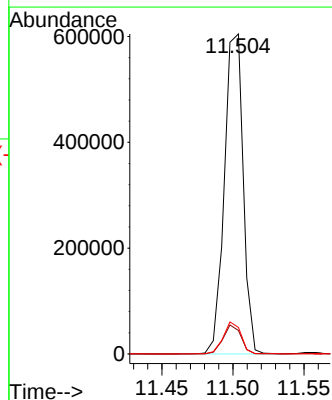
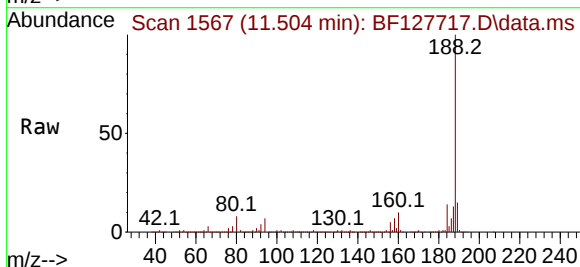
Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-3

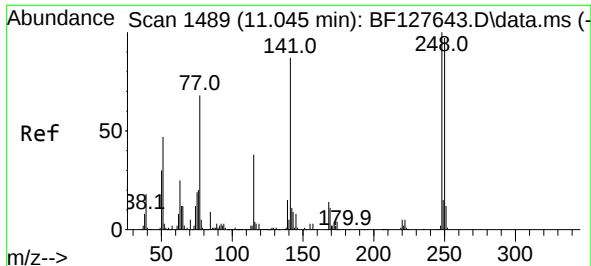
Tgt Ion:165 Resp: 40537  
Ion Ratio Lower Upper  
165 100  
63 1.7 53.1 79.7#  
89 1.4 69.2 103.8#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.504 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: BF127717.D  
Acq: 08 Apr 2022 16:56

Tgt Ion:188 Resp: 556855  
Ion Ratio Lower Upper  
188 100  
94 7.3 7.4 11.0#  
80 8.3 8.0 12.0

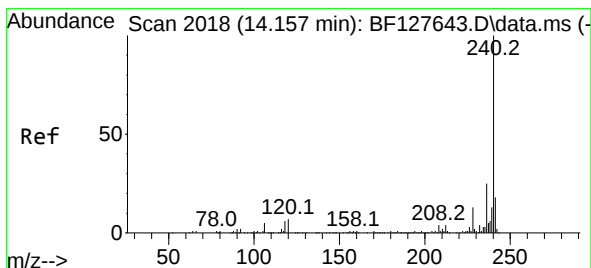
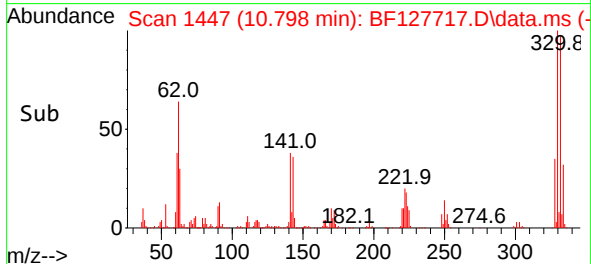
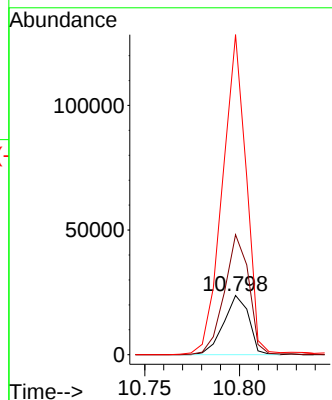
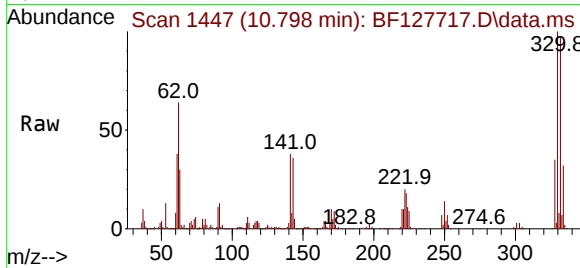




#67  
4-Bromophenyl-phenylether  
Concen: 3.248 ng  
RT: 10.798 min Scan# 1489  
Delta R.T. -0.247 min  
Lab File: BF127717.D  
Acq: 08 Apr 2022 16:56

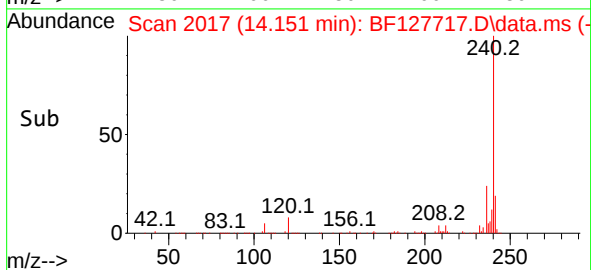
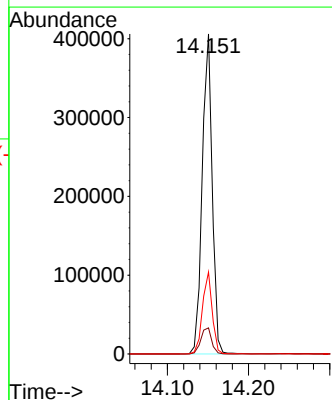
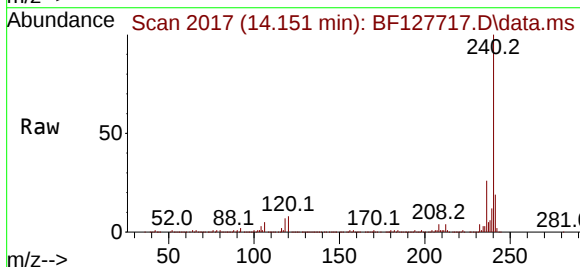
Instrument :  
BNA\_F  
ClientSampleId :  
NORTH-3

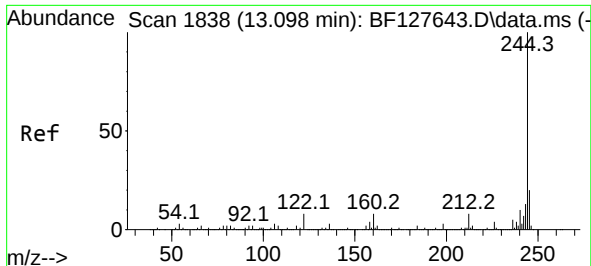
Tgt Ion:248 Resp: 21949  
Ion Ratio Lower Upper  
248 100  
250 202.7 76.6 115.0#  
141 540.7 52.2 78.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.151 min Scan# 2017  
Delta R.T. -0.006 min  
Lab File: BF127717.D  
Acq: 08 Apr 2022 16:56

Tgt Ion:240 Resp: 347325  
Ion Ratio Lower Upper  
240 100  
120 8.1 7.1 10.7  
236 25.6 20.7 31.1

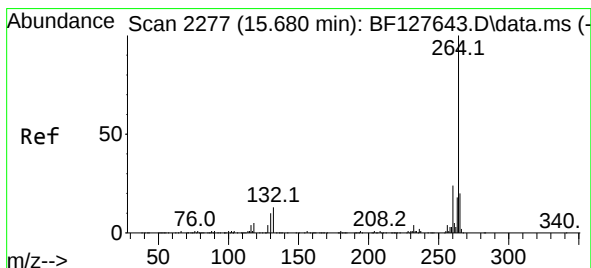
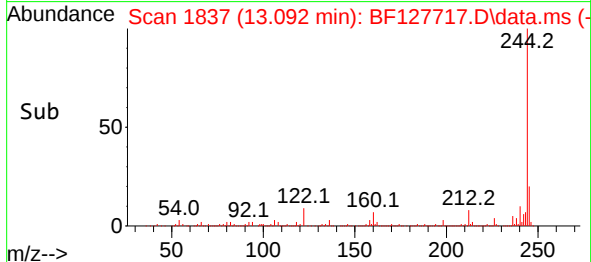
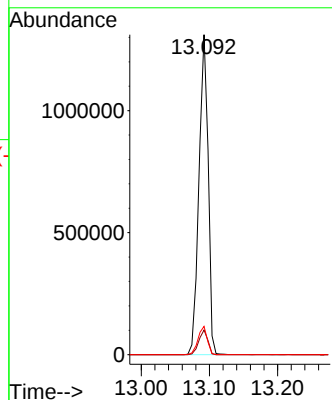
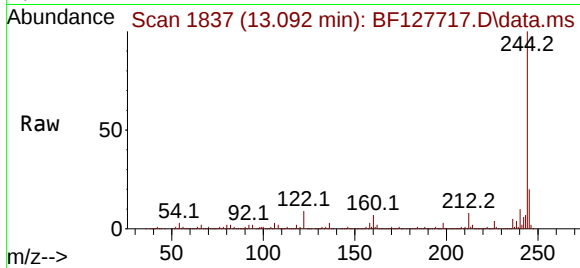




#79  
 Terphenyl-d14  
 Concen: 58.313 ng  
 RT: 13.092 min Scan# 1837  
 Delta R.T. -0.006 min  
 Lab File: BF127717.D  
 Acq: 08 Apr 2022 16:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NORTH-3

Tgt Ion:244 Resp: 1227051  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 5.7 8.5  
 122 8.8 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: BF127717.D  
 Acq: 08 Apr 2022 16:56

Tgt Ion:264 Resp: 299359  
 Ion Ratio Lower Upper  
 264 100  
 260 22.3 19.1 28.7  
 265 20.8 17.4 26.2

