

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120823\  
 Data File : BF136480.D  
 Acq On : 08 Dec 2023 21:51  
 Operator : CG\JU  
 Sample : 05599-09RE  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LKWD-BACKFILL-05RE

Quant Time: Dec 11 02:14:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 09:40:27 2023  
 Response via : Initial Calibration

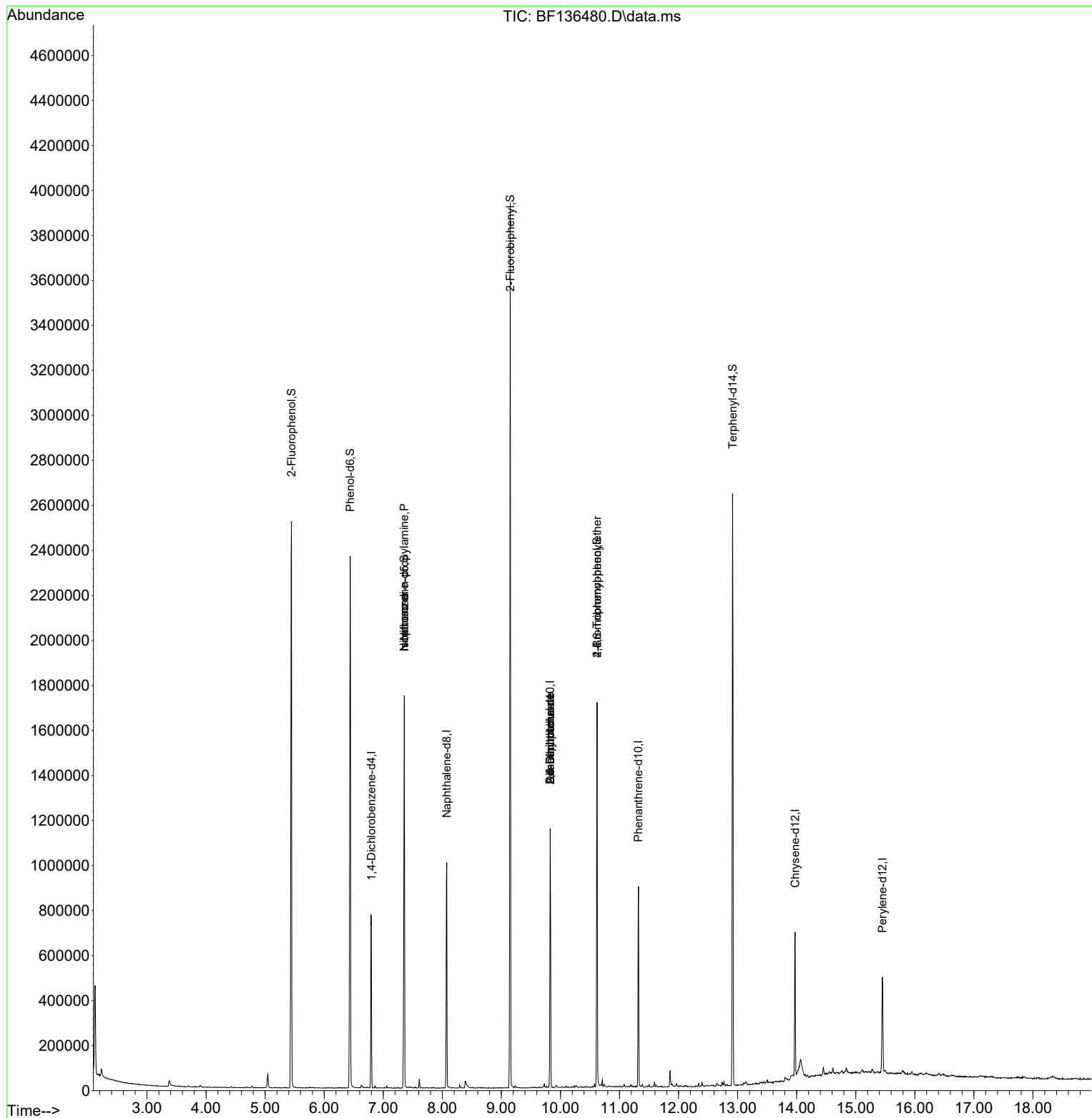
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.798  | 152  | 117569   | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 463358   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.827  | 164  | 220380   | 20.000    | ng     | -0.01    |
| 64) Phenanthrene-d10          | 11.321 | 188  | 329818   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 223283   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 202903   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 760565   | 95.537    | ng     | 0.01     |
| 7) Phenol-d6                  | 6.439  | 99   | 952392   | 95.887    | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 564095   | 65.813    | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.621 | 330  | 211771   | 77.934    | ng     | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 1135356  | 70.296    | ng     | -0.01    |
| 79) Terphenyl-d14             | 12.915 | 244  | 925611   | 54.639    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.439  | 77   | 1371     | Below Cal | #      | 13       |
| 19) n-Nitroso-di-n-propyla... | 7.357  | 70   | 73216    | 12.779    | ng     | # 75     |
| 25) Isophorone                | 7.357  | 82   | 560804   | 36.418    | ng     | # 65     |
| 50) Dimethylphthalate         | 9.827  | 163  | 43070    | 2.655     | ng     | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.827  | 165  | 26820    | 7.348     | ng     | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.827  | 165  | 26820    | 5.554     | ng     | # 28     |
| 67) 4-Bromophenyl-phenylether | 10.621 | 248  | 13308    | 3.470     | ng     | # 1      |
| -----                         |        |      |          |           |        |          |

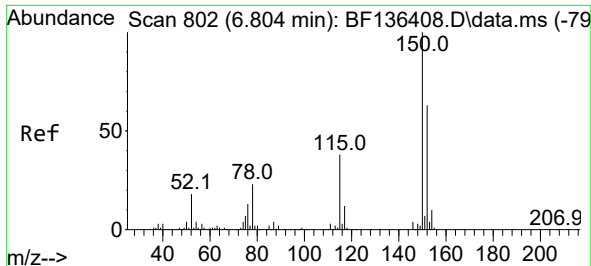
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120823\  
Data File : BF136480.D  
Acq On : 08 Dec 2023 21:51  
Operator : CG\JU  
Sample : 05599-09RE  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LKWD-BACKFILL-05RE

Quant Time: Dec 11 02:14:03 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 06 09:40:27 2023  
Response via : Initial Calibration

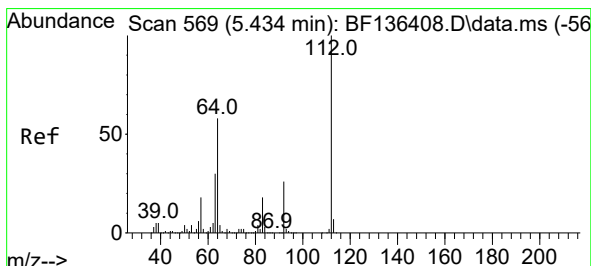
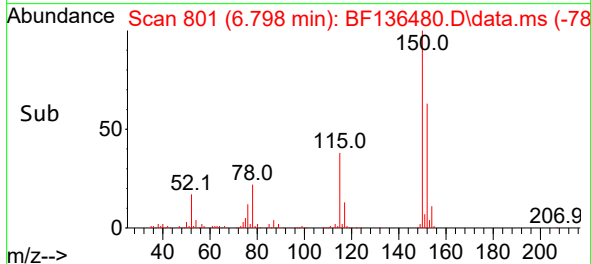
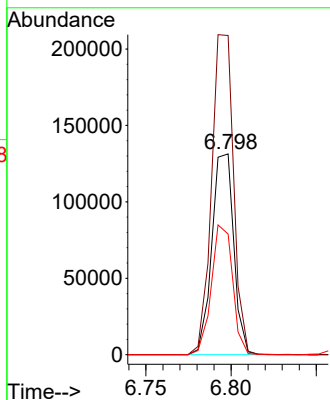
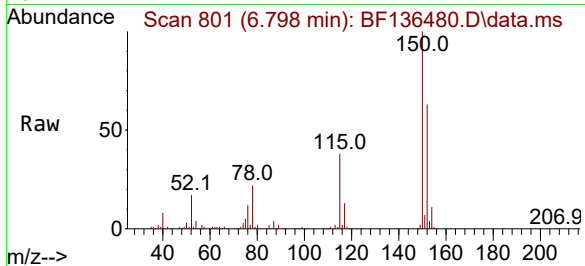




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.798 min Scan# 802  
 Delta R.T. -0.006 min  
 Lab File: BF136480.D  
 Acq: 08 Dec 2023 21:51

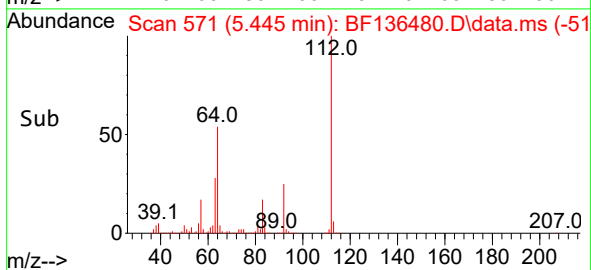
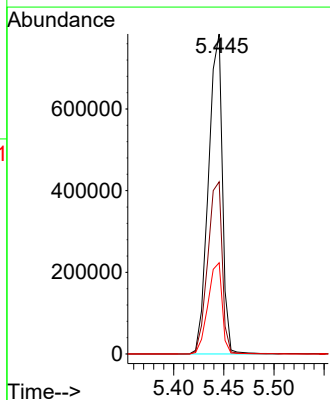
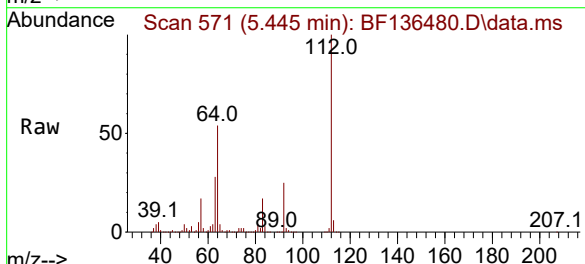
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LKWD-BACKFILL-05RE

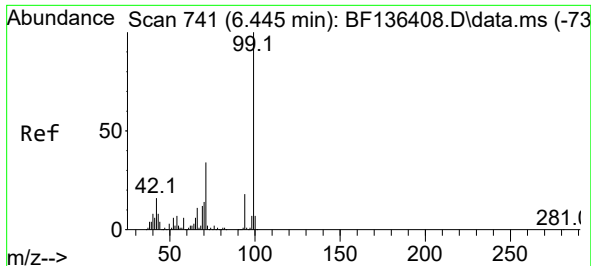
Tgt Ion:152 Resp: 117569  
 Ion Ratio Lower Upper  
 152 100  
 150 159.0 126.4 189.6  
 115 60.1 48.2 72.4



#5  
 2-Fluorophenol  
 Concen: 95.537 ng  
 RT: 5.445 min Scan# 571  
 Delta R.T. 0.012 min  
 Lab File: BF136480.D  
 Acq: 08 Dec 2023 21:51

Tgt Ion:112 Resp: 760565  
 Ion Ratio Lower Upper  
 112 100  
 64 53.8 46.5 69.7  
 63 28.5 23.9 35.9

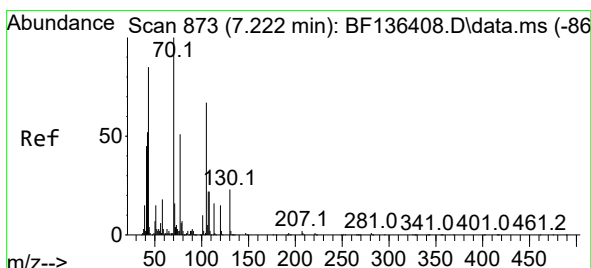
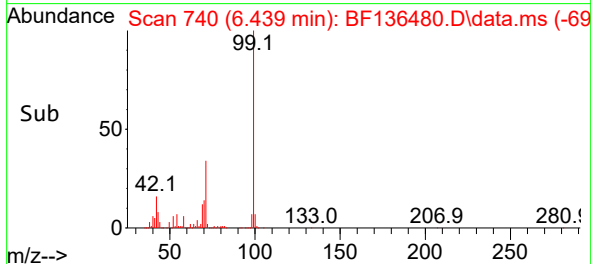
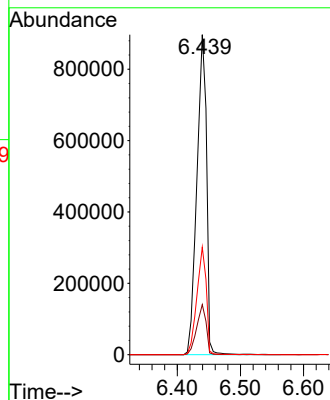
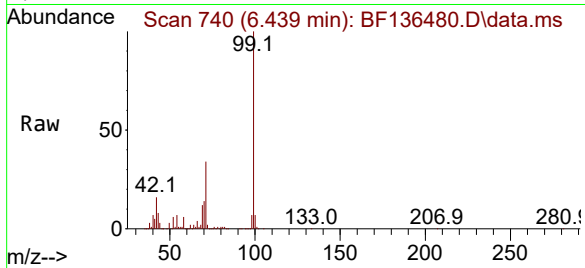




#7  
Phenol-d6  
Concen: 95.887 ng  
RT: 6.439 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

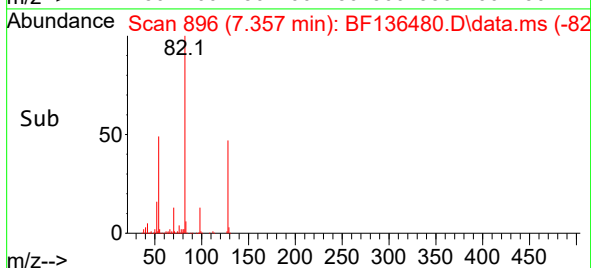
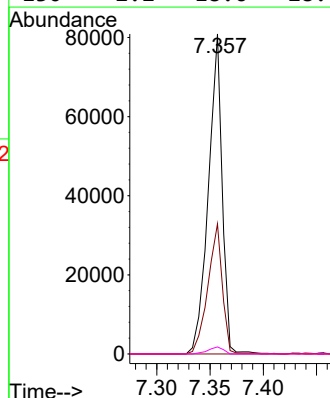
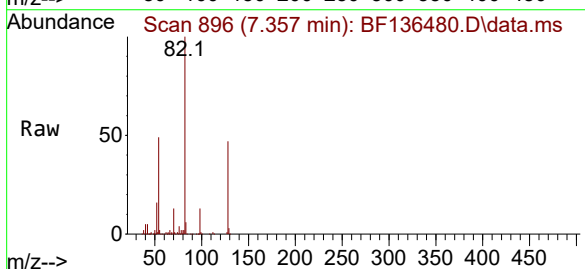
Instrument :  
BNA\_F  
ClientSampleId :  
LKWD-BACKFILL-05RE

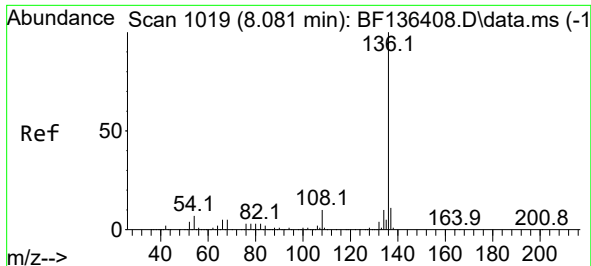
Tgt Ion: 99 Resp: 952392  
Ion Ratio Lower Upper  
99 100  
42 15.7 12.8 19.2  
71 33.6 27.0 40.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.779 ng  
RT: 7.357 min Scan# 896  
Delta R.T. 0.135 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

Tgt Ion: 70 Resp: 73216  
Ion Ratio Lower Upper  
70 100  
42 40.6 41.4 62.0#  
101 0.0 8.2 12.4#  
130 2.2 18.6 28.0#

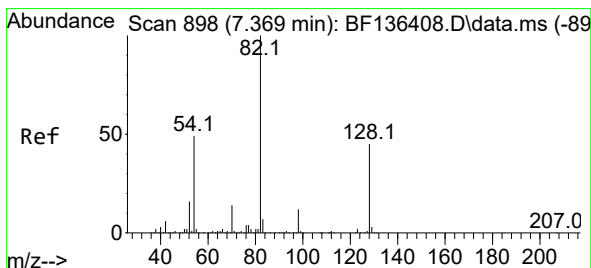
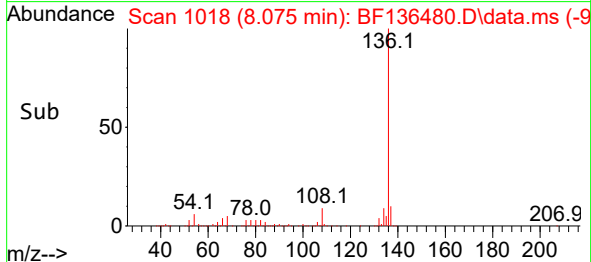
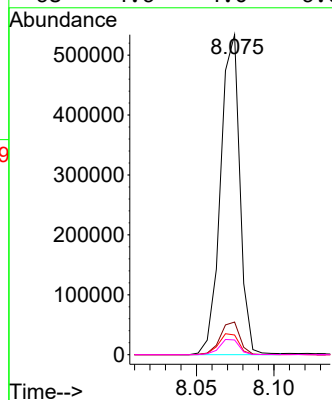
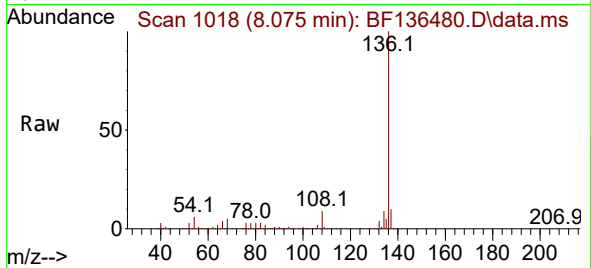




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

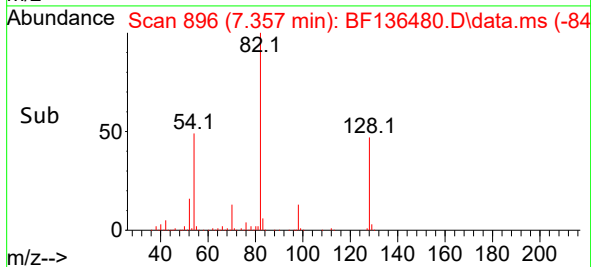
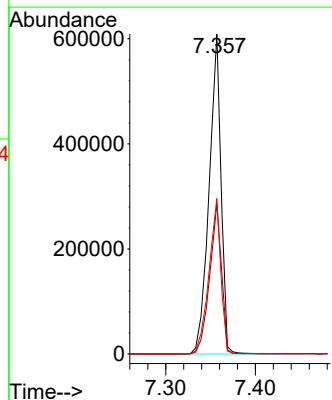
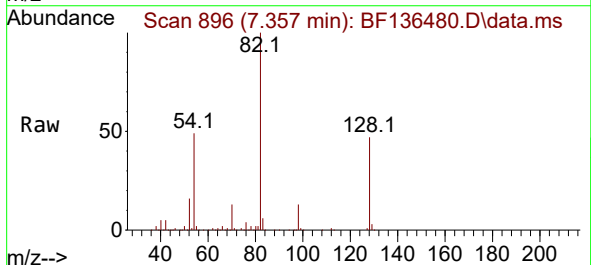
Instrument :  
BNA\_F  
ClientSampleId :  
LKWD-BACKFILL-05RE

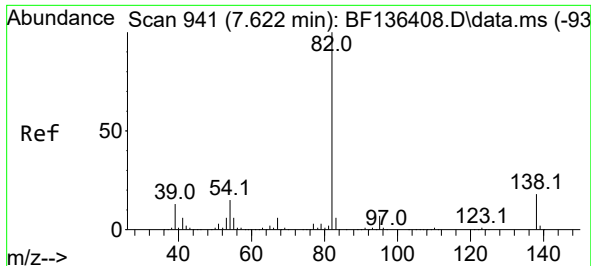
Tgt Ion:136 Resp: 463358  
Ion Ratio Lower Upper  
136 100  
137 10.2 8.6 12.8  
54 6.1 5.7 8.5  
68 4.6 4.0 6.0



#23  
Nitrobenzene-d5  
Concen: 65.813 ng  
RT: 7.357 min Scan# 896  
Delta R.T. -0.012 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

Tgt Ion: 82 Resp: 564095  
Ion Ratio Lower Upper  
82 100  
128 47.0 36.3 54.5  
54 48.6 39.0 58.6

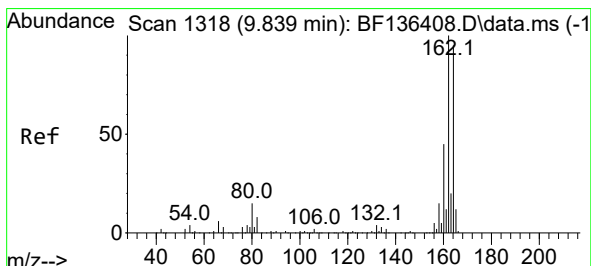
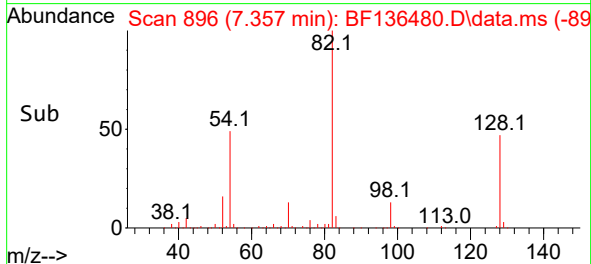
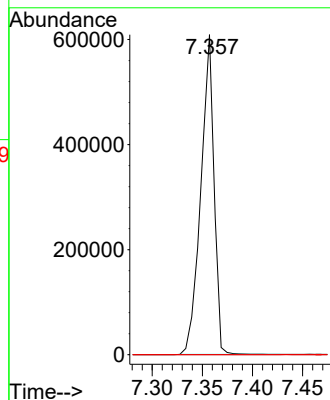
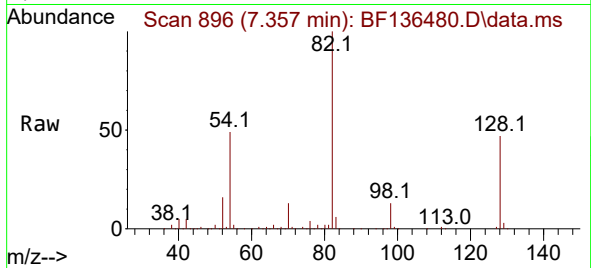




#25  
Isophorone  
Concen: 36.418 ng  
RT: 7.357 min Scan# 896  
Delta R.T. -0.265 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

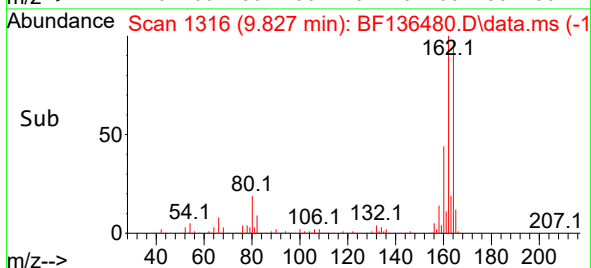
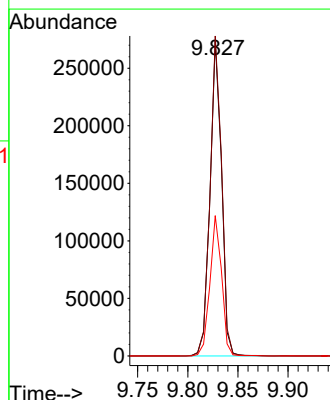
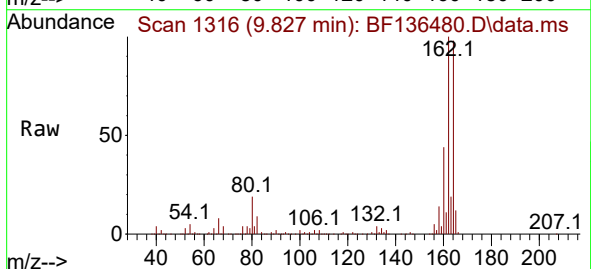
Instrument :  
BNA\_F  
ClientSampleId :  
LKWD-BACKFILL-05RE

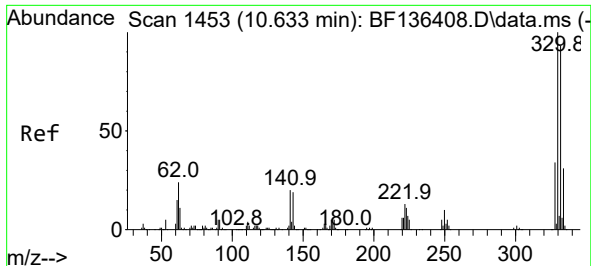
Tgt Ion: 82 Resp: 560804  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. -0.012 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

Tgt Ion:164 Resp: 220380  
Ion Ratio Lower Upper  
164 100  
162 101.6 84.4 126.6  
160 44.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 77.934 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136480.D

Acq: 08 Dec 2023 21:51

Instrument :

BNA\_F

ClientSampleId :

LKWD-BACKFILL-05RE

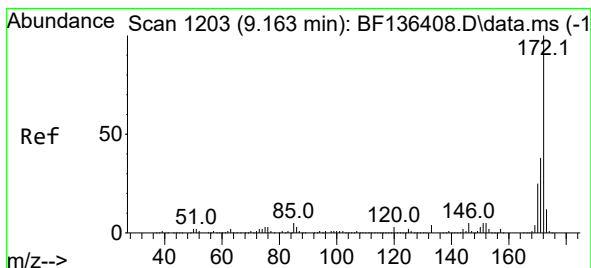
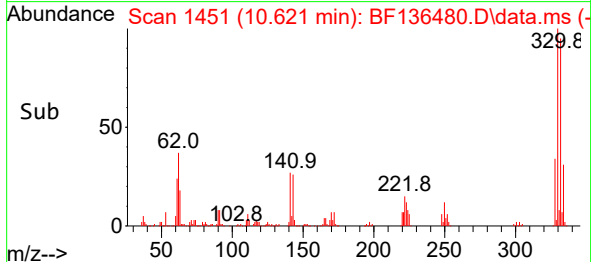
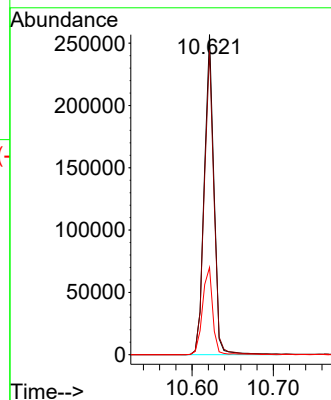
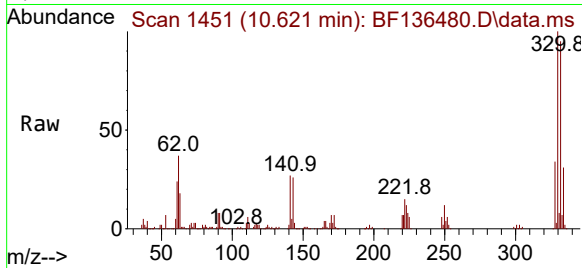
Tgt Ion:330 Resp: 211771

Ion Ratio Lower Upper

330 100

332 96.3 76.4 114.6

141 29.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 70.296 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136480.D

Acq: 08 Dec 2023 21:51

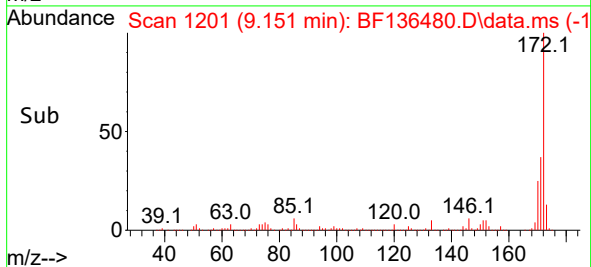
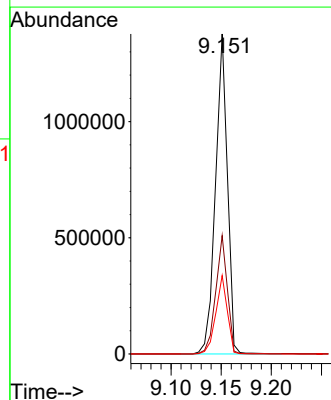
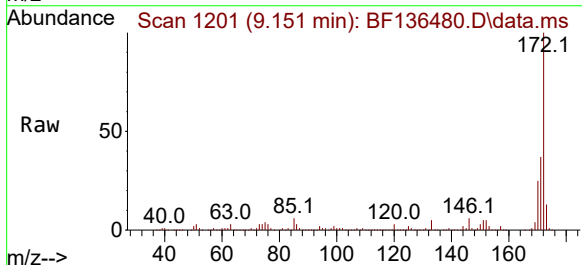
Tgt Ion:172 Resp: 1135356

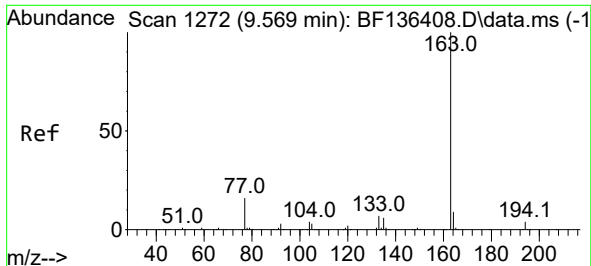
Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

170 24.5 19.9 29.9

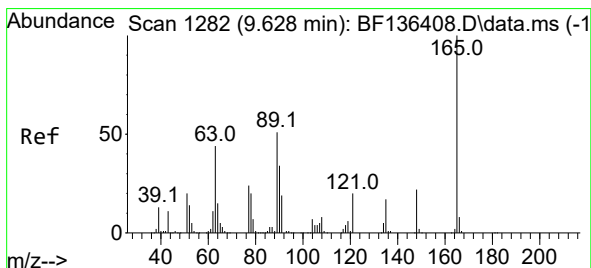
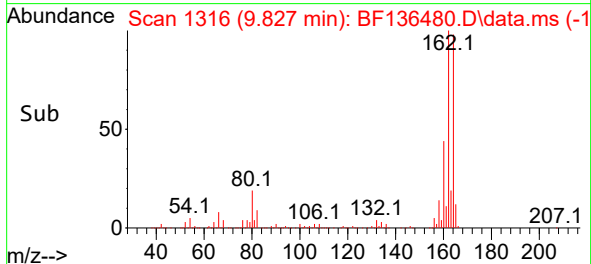
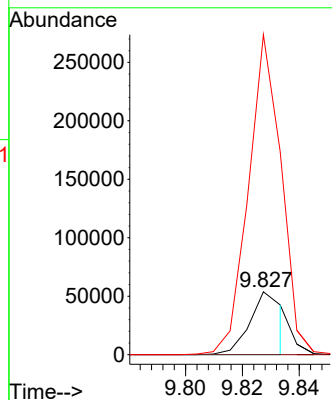
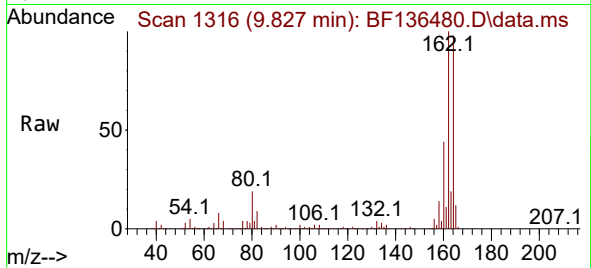




#50  
Dimethylphthalate  
Concen: 2.655 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. 0.259 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

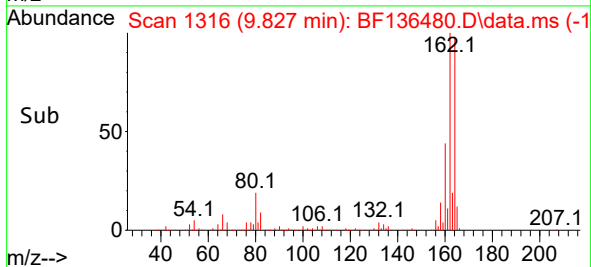
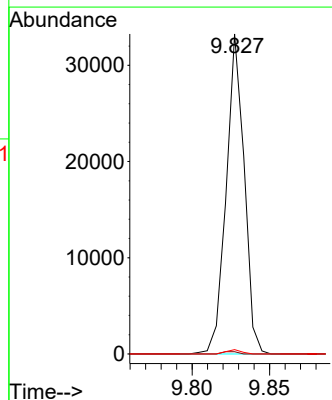
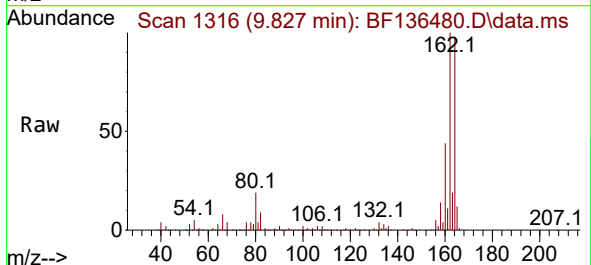
Instrument :  
BNA\_F  
ClientSampleId :  
LKWD-BACKFILL-05RE

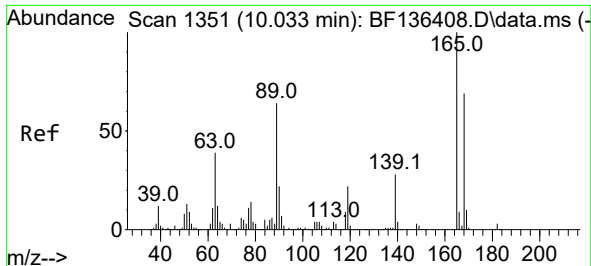
Tgt Ion:163 Resp: 43070  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.0 4.6#  
164 509.1 7.4 11.2#



#51  
2,6-Dinitrotoluene  
Concen: 7.348 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. 0.200 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

Tgt Ion:165 Resp: 26820  
Ion Ratio Lower Upper  
165 100  
63 0.7 40.4 60.6#  
89 1.4 40.6 60.8#

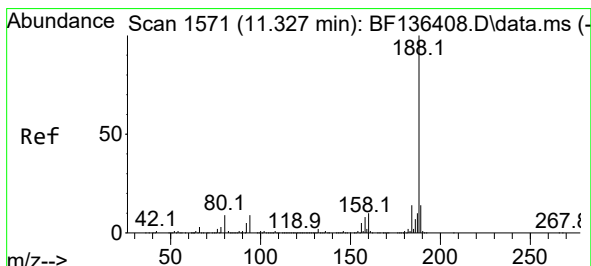
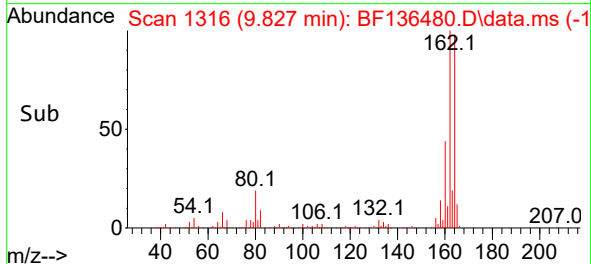
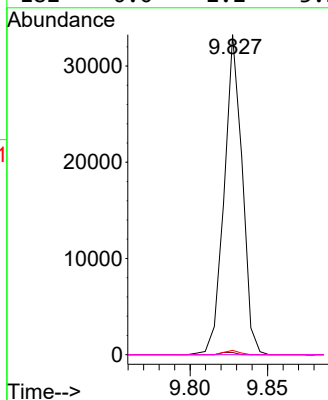
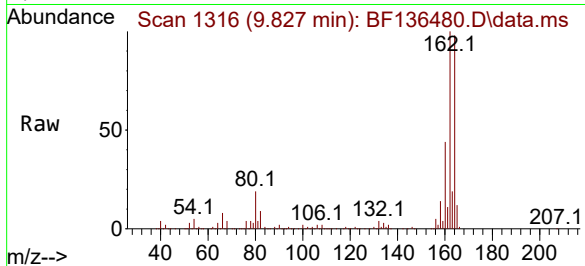




#57  
2,4-Dinitrotoluene  
Concen: 5.554 ng  
RT: 9.827 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

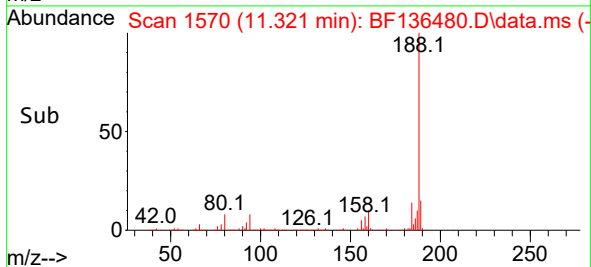
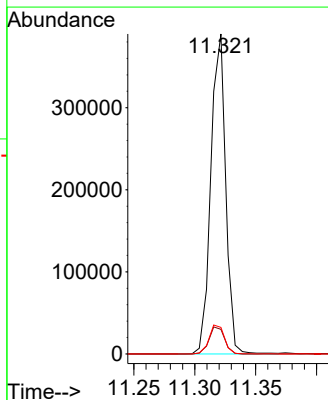
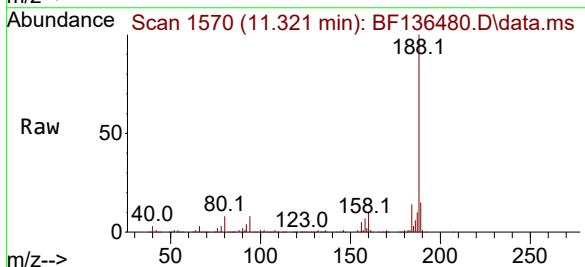
Instrument :  
BNA\_F  
ClientSampleId :  
LKWD-BACKFILL-05RE

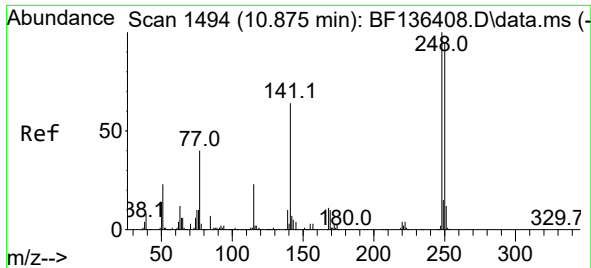
Tgt Ion:165 Resp: 26820  
Ion Ratio Lower Upper  
165 100  
63 0.7 31.4 47.2#  
89 1.4 51.7 77.5#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.321 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

Tgt Ion:188 Resp: 329818  
Ion Ratio Lower Upper  
188 100  
94 7.7 7.2 10.8  
80 8.3 7.2 10.8

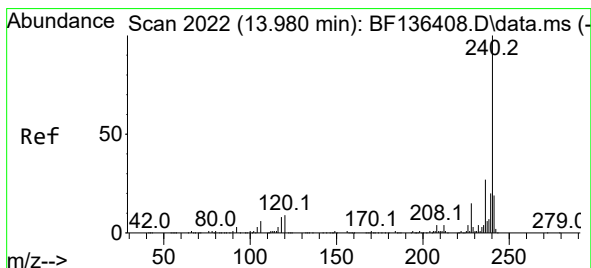
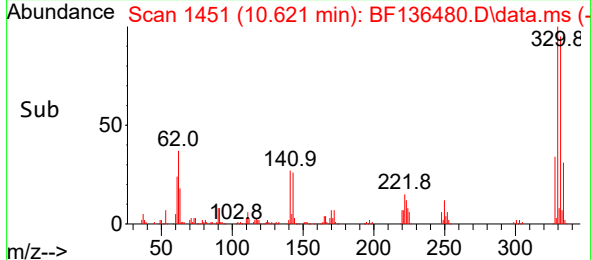
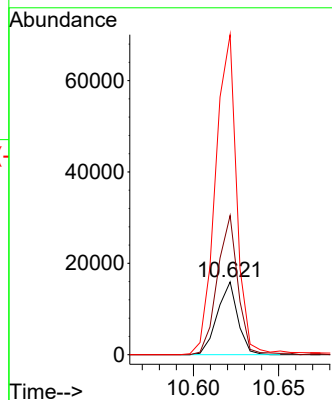
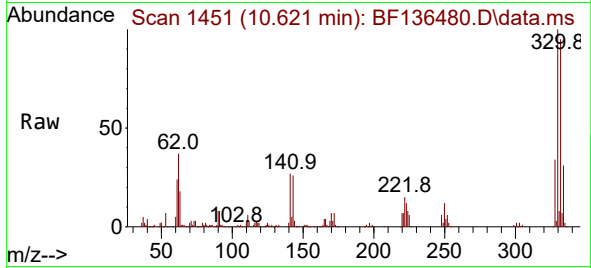




#67  
4-Bromophenyl-phenylether  
Concen: 3.470 ng  
RT: 10.621 min Scan# 1494  
Delta R.T. -0.253 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

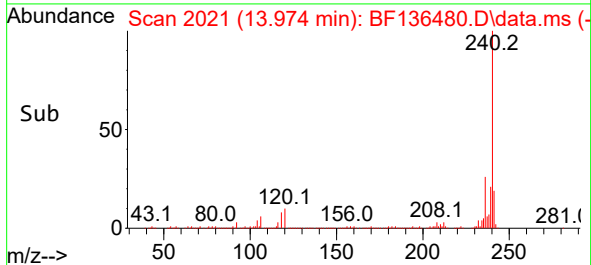
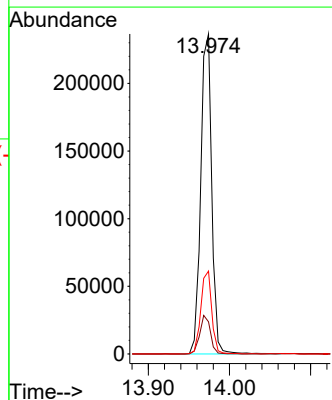
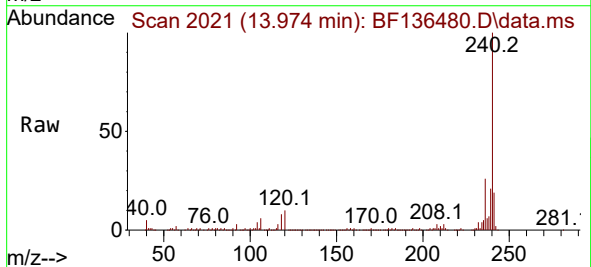
Instrument :  
BNA\_F  
ClientSampleId :  
LKWD-BACKFILL-05RE

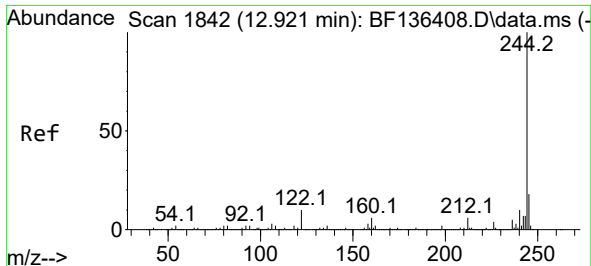
Tgt Ion:248 Resp: 13308  
Ion Ratio Lower Upper  
248 100  
250 191.2 76.2 114.2#  
141 439.3 51.0 76.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.006 min  
Lab File: BF136480.D  
Acq: 08 Dec 2023 21:51

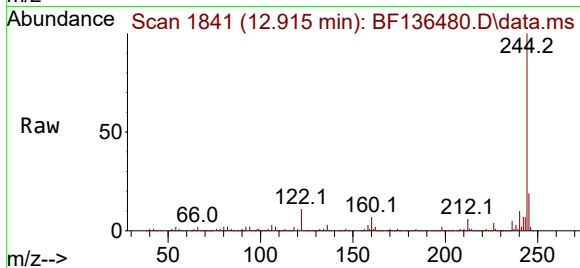
Tgt Ion:240 Resp: 223283  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.3 10.9  
236 25.9 21.3 31.9



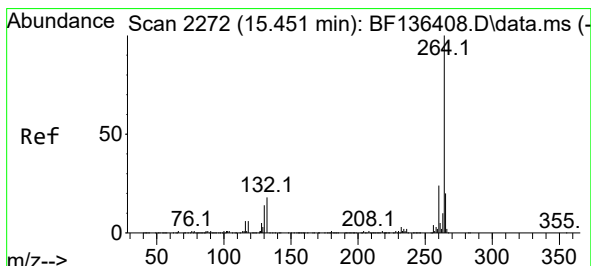
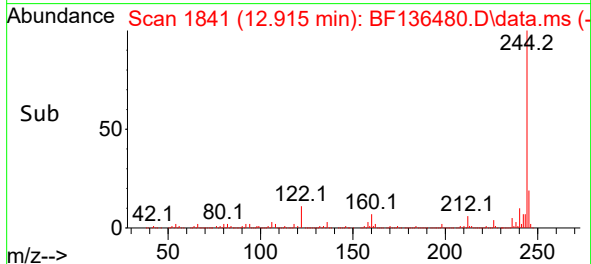
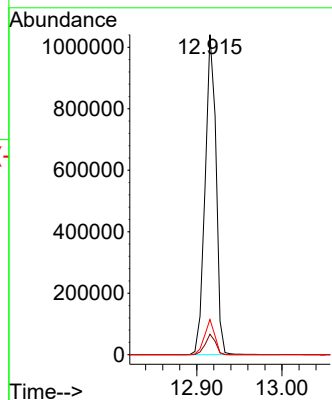


#79  
 Terphenyl-d14  
 Concen: 54.639 ng  
 RT: 12.915 min Scan# 1841  
 Delta R.T. -0.006 min  
 Lab File: BF136480.D  
 Acq: 08 Dec 2023 21:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LKWD-BACKFILL-05RE



Tgt Ion:244 Resp: 925611  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.0 7.4  
 122 11.0 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.451 min Scan# 2272  
 Delta R.T. -0.000 min  
 Lab File: BF136480.D  
 Acq: 08 Dec 2023 21:51

Tgt Ion:264 Resp: 202903  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 19.2 28.8  
 265 22.1 15.9 23.9

