

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122023\  
 Data File : BF136655.D  
 Acq On : 20 Dec 2023 19:05  
 Operator : CG\JU  
 Sample : PB157610BL  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157610BL

Quant Time: Dec 21 02:19:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

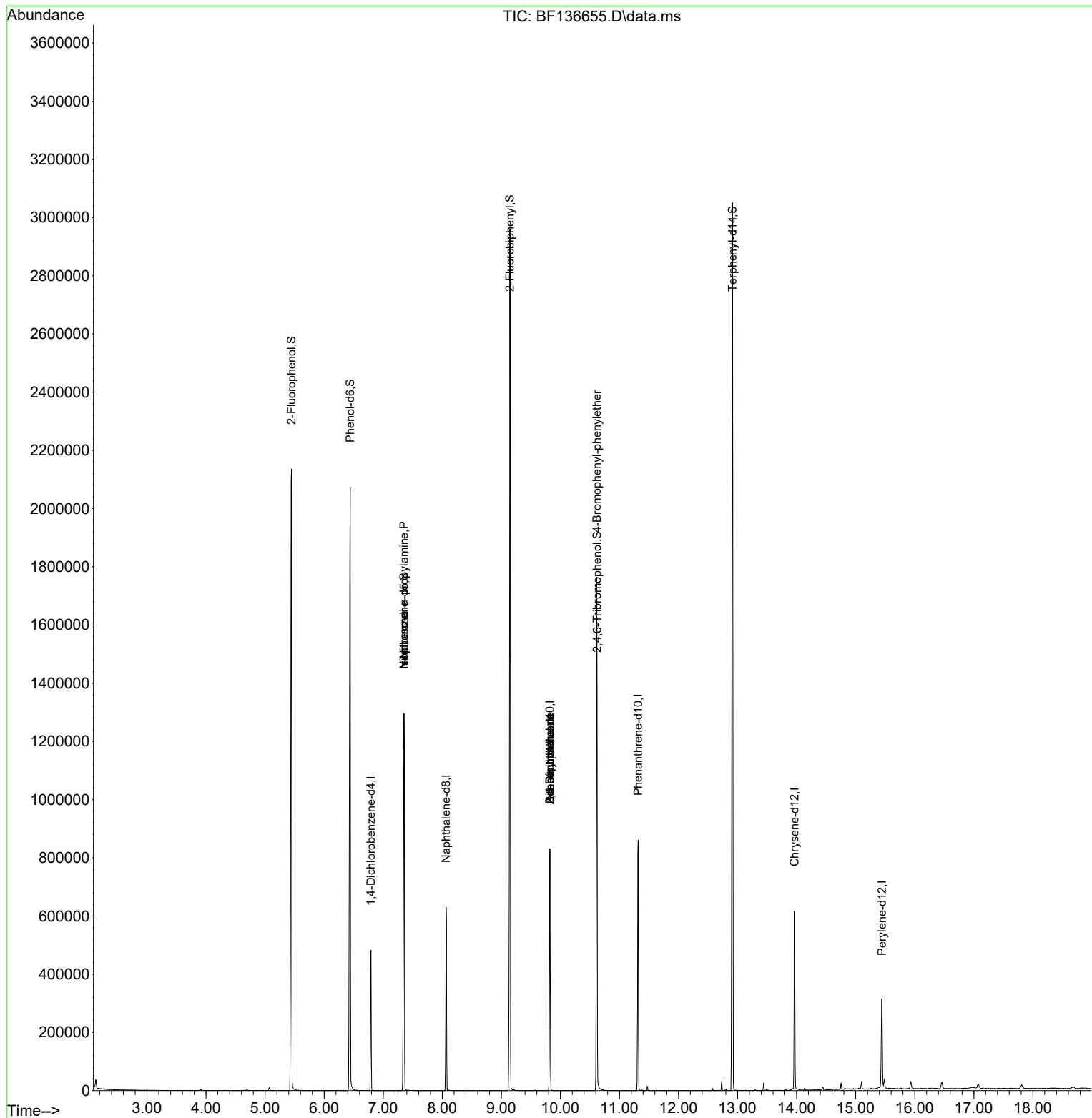
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.793  | 152  | 74808    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 298254   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 160282   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 332426   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.963 | 240  | 192686   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 155908   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.446  | 112  | 641016   | 133.698 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.440  | 99   | 812233   | 130.741 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 507358   | 87.047  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 239268   | 126.753 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 1011829  | 84.906  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.916 | 244  | 1196847  | 86.802  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.351  | 70   | 66759    | 17.727  | ng    | # 73     |
| 25) Isophorone                | 7.351  | 82   | 504093   | 47.530  | ng    | # 65     |
| 50) Dimethylphthalate         | 9.822  | 163  | 32230    | 2.753   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.822  | 165  | 20640    | 7.768   | ng    | # 30     |
| 57) 2,4-Dinitrotoluene        | 9.822  | 165  | 20640    | 5.984   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.616 | 248  | 14643    | 3.966   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

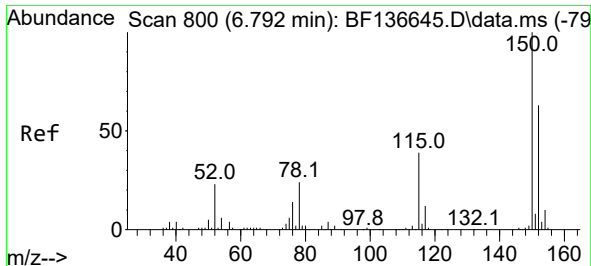
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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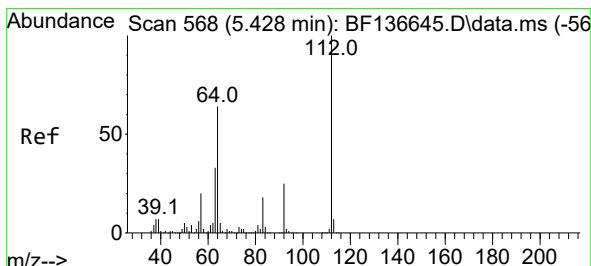
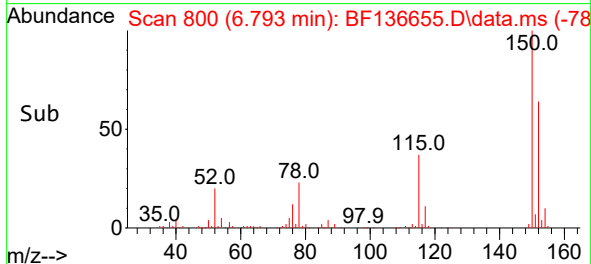
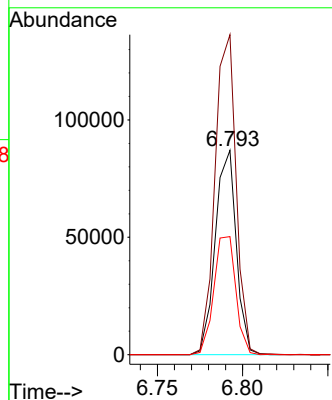
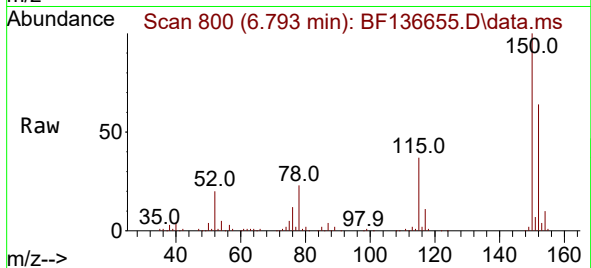




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.793 min Scan# 800  
 Delta R.T. 0.001 min  
 Lab File: BF136655.D  
 Acq: 20 Dec 2023 19:05

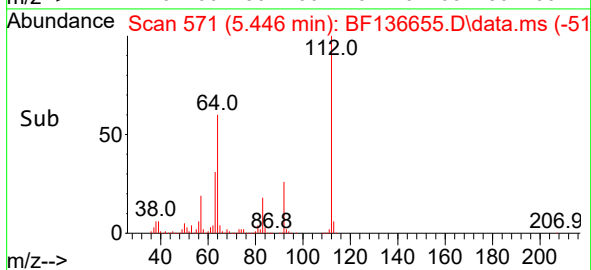
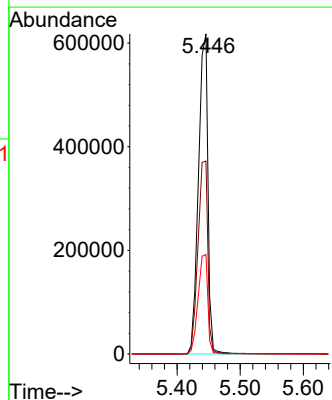
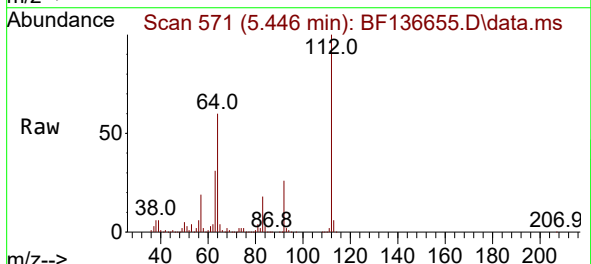
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 ClientSampleId :  
 PB157610BL

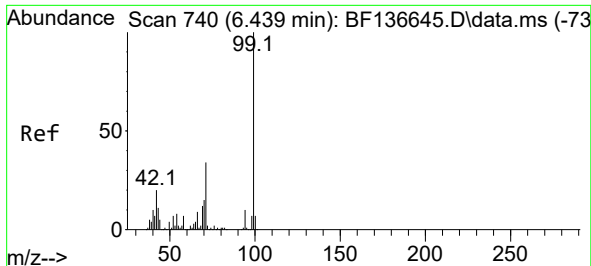
Tgt Ion:152 Resp: 74808  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 127.0 190.6  
 115 57.8 49.0 73.4



#5  
 2-Fluorophenol  
 Concen: 133.698 ng  
 RT: 5.446 min Scan# 571  
 Delta R.T. 0.018 min  
 Lab File: BF136655.D  
 Acq: 20 Dec 2023 19:05

Tgt Ion:112 Resp: 641016  
 Ion Ratio Lower Upper  
 112 100  
 64 60.3 51.1 76.7  
 63 31.1 26.1 39.1

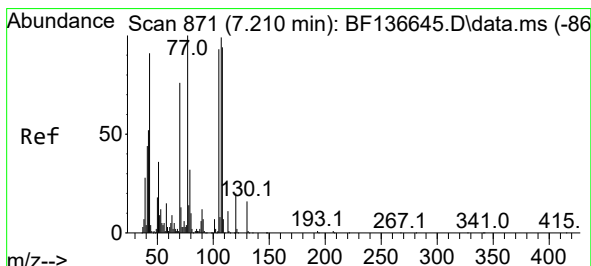
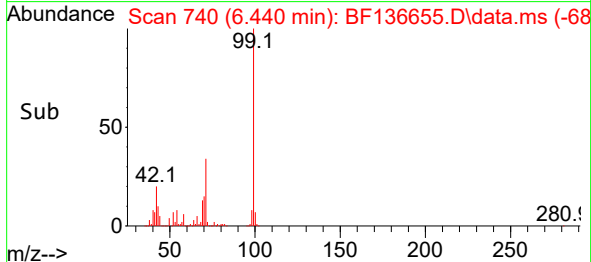
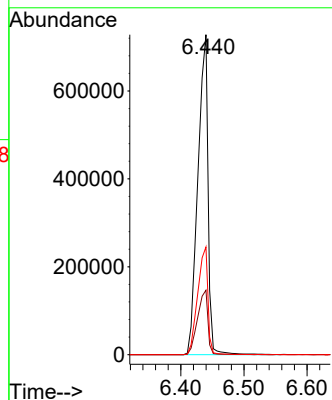
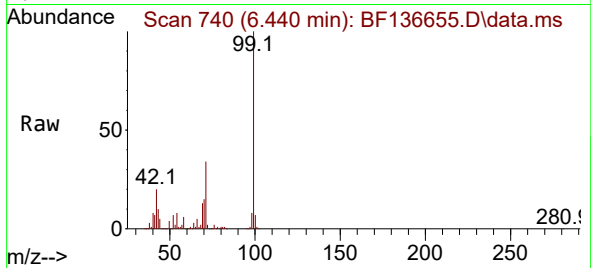




#7  
Phenol-d6  
Concen: 130.741 ng  
RT: 6.440 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

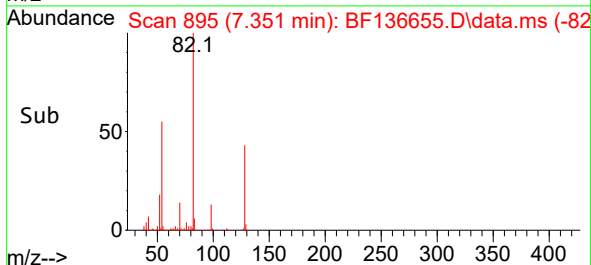
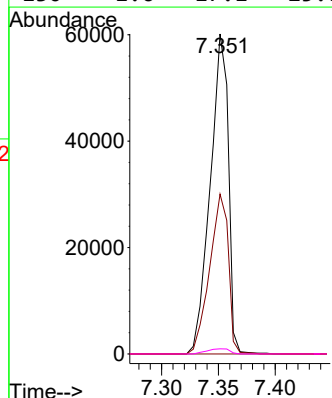
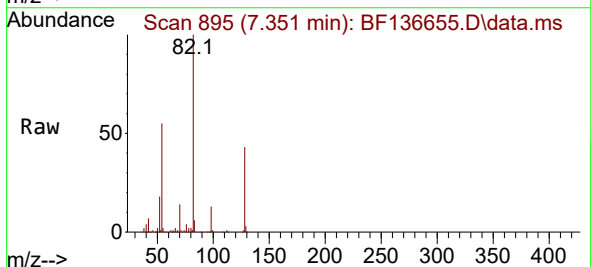
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BNA\_F  
ClientSampleId :  
PB157610BL

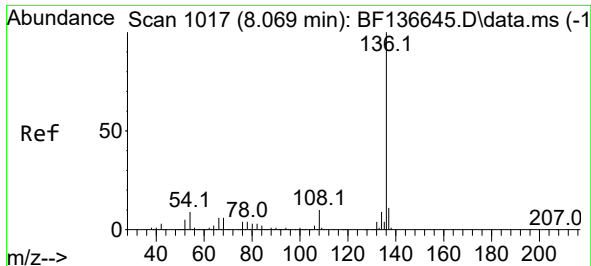
Tgt Ion: 99 Resp: 812233  
Ion Ratio Lower Upper  
99 100  
42 20.2 16.1 24.1  
71 33.6 27.4 41.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.727 ng  
RT: 7.351 min Scan# 895  
Delta R.T. 0.141 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

Tgt Ion: 70 Resp: 66759  
Ion Ratio Lower Upper  
70 100  
42 50.0 54.2 81.4#  
101 0.0 7.6 11.4#  
130 1.6 17.1 25.7#

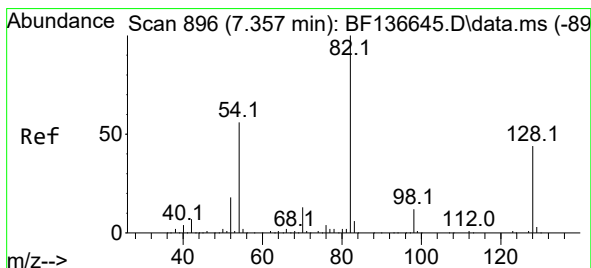
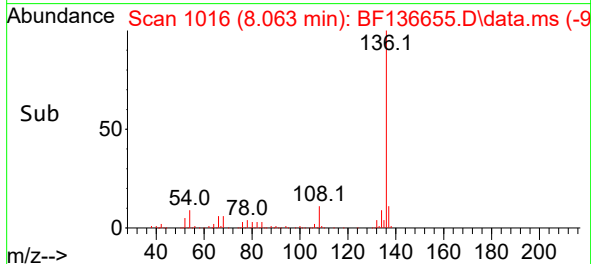
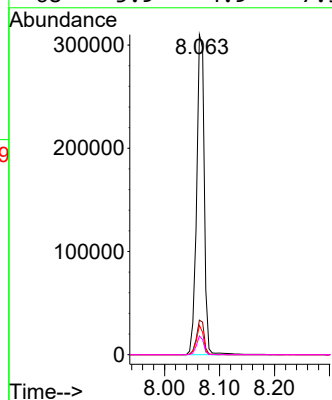
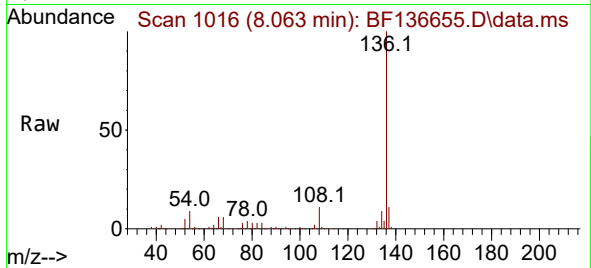




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

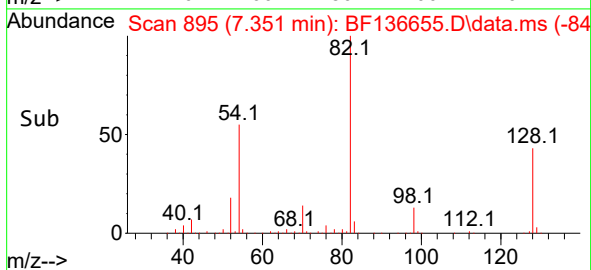
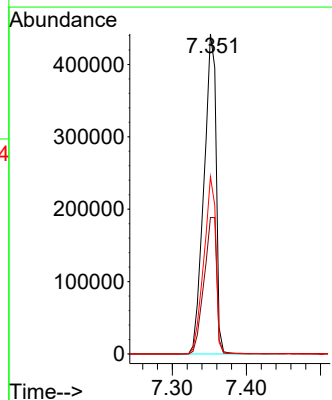
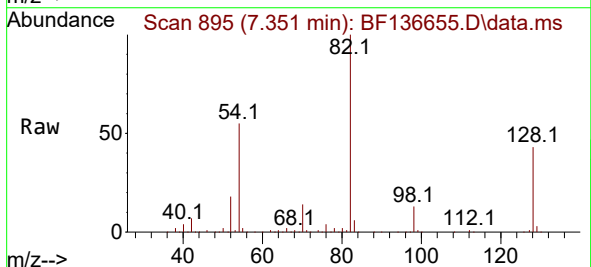
Instrument :  
BNA\_F  
ClientSampleId :  
PB157610BL

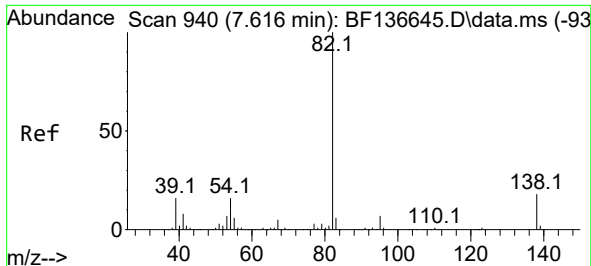
Tgt Ion:136 Resp: 298254  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.4  
54 9.2 7.2 10.8  
68 5.9 4.9 7.3



#23  
Nitrobenzene-d5  
Concen: 87.047 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

Tgt Ion: 82 Resp: 507358  
Ion Ratio Lower Upper  
82 100  
128 42.7 35.3 52.9  
54 55.4 44.5 66.7

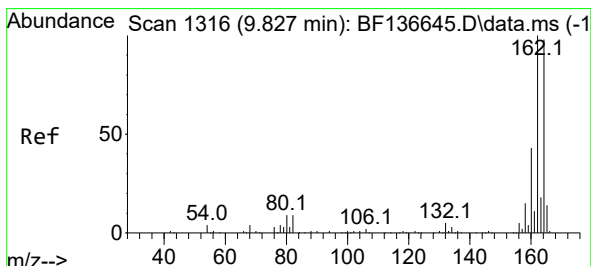
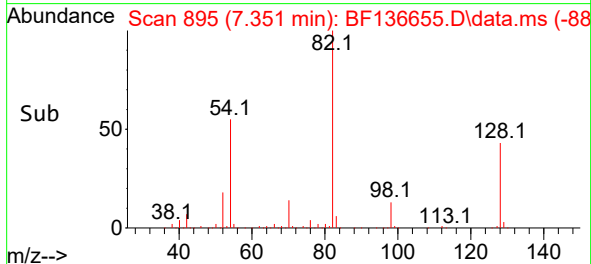
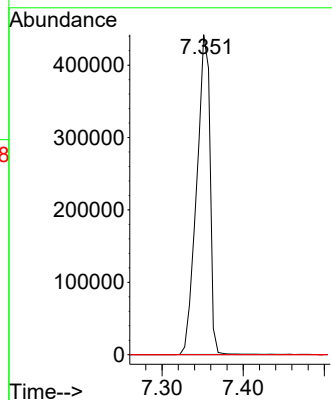
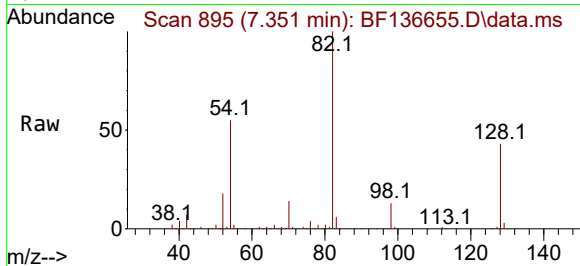




#25  
Isophorone  
Concen: 47.530 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.264 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

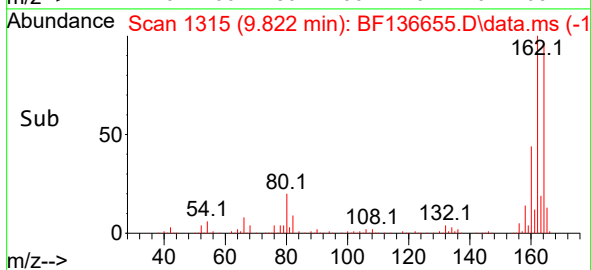
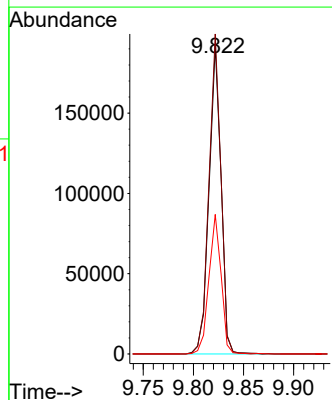
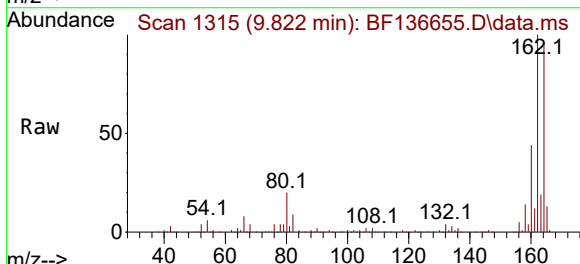
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ClientSampleId :  
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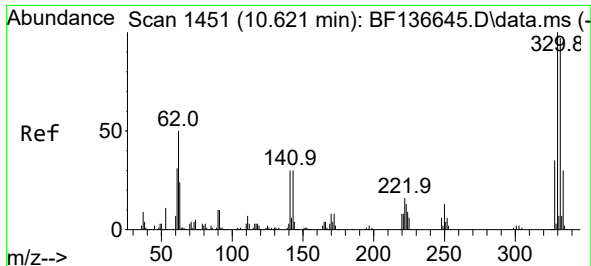
Tgt Ion: 82 Resp: 504093  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

Tgt Ion: 164 Resp: 160282  
Ion Ratio Lower Upper  
164 100  
162 103.8 81.6 122.4  
160 45.3 34.9 52.3

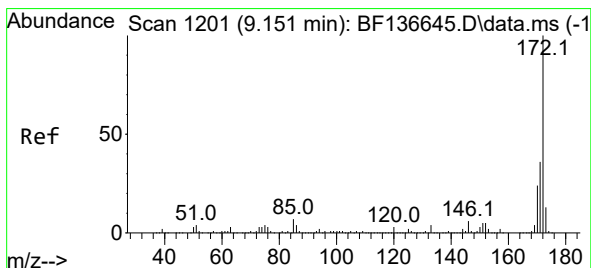
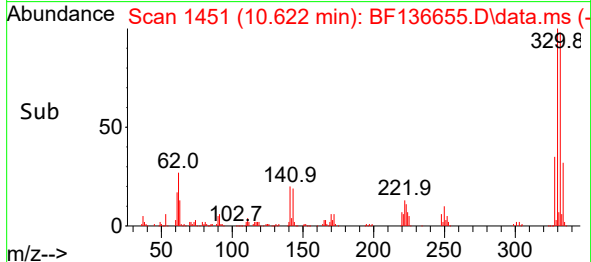
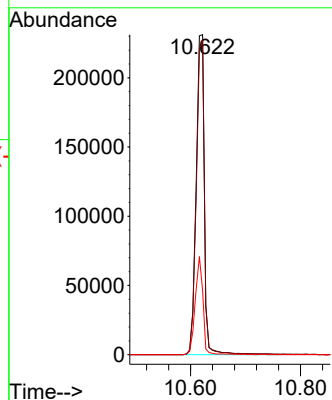
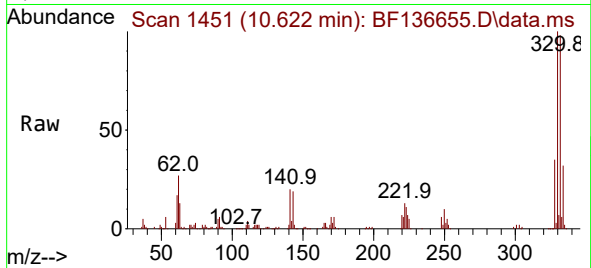




#42  
2,4,6-Tribromophenol  
Concen: 126.753 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

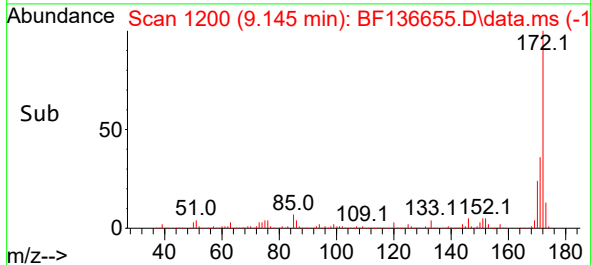
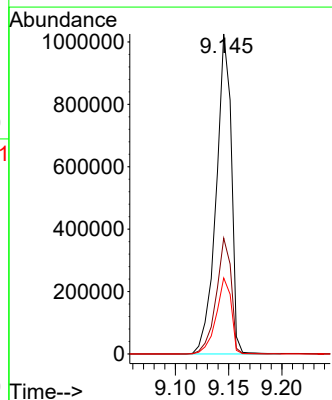
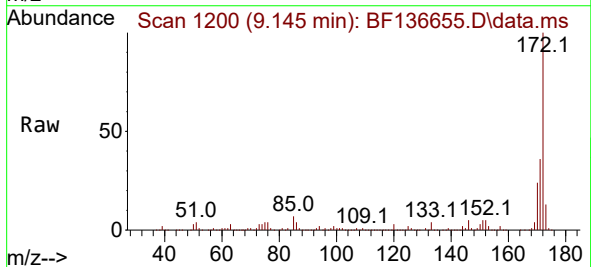
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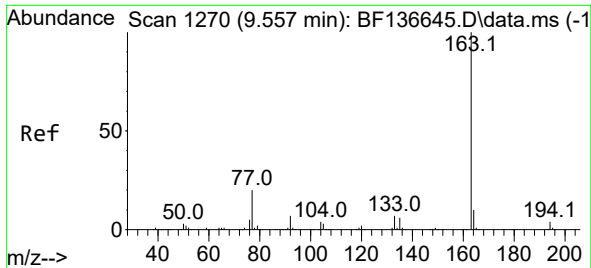
Tgt Ion:330 Resp: 239268  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.4 116.0  
141 28.7 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 84.906 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

Tgt Ion:172 Resp: 1011829  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.0 43.6  
170 23.7 19.0 28.4

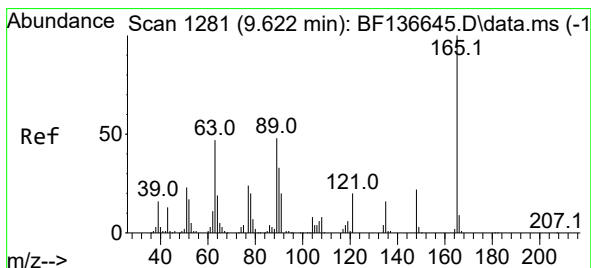
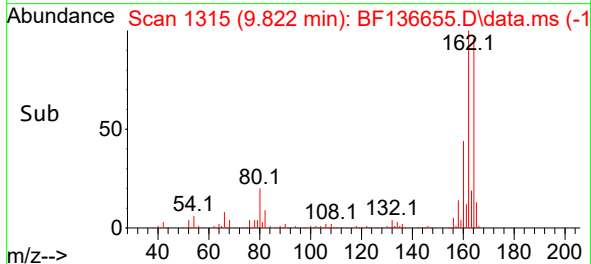
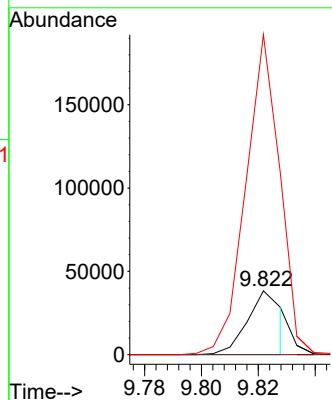
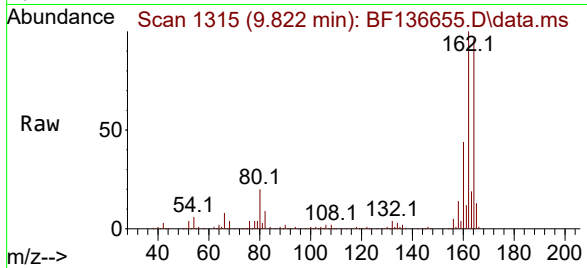




#50  
Dimethylphthalate  
Concen: 2.753 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. 0.265 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

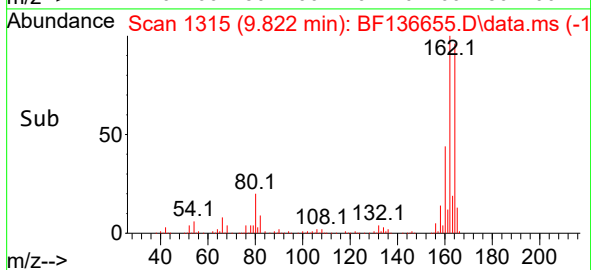
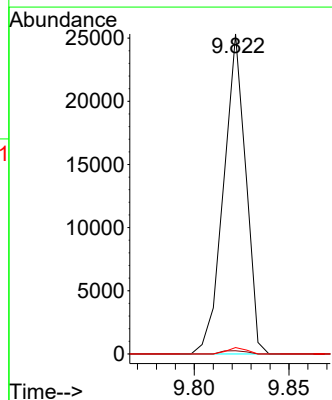
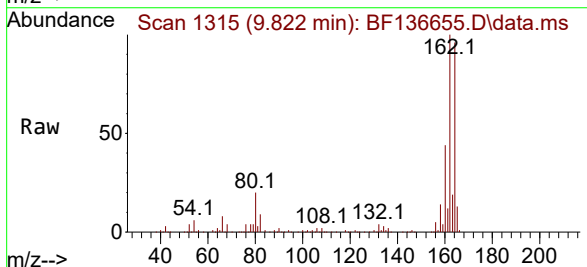
Instrument :  
BNA\_F  
ClientSampleId :  
PB157610BL

Tgt Ion:163 Resp: 32230  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 501.3 7.8 11.6#

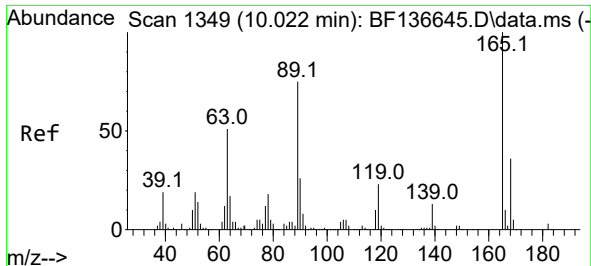


#51  
2,6-Dinitrotoluene  
Concen: 7.768 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. 0.200 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

Tgt Ion:165 Resp: 20640  
Ion Ratio Lower Upper  
165 100  
63 1.0 39.8 59.6#  
89 2.0 38.8 58.2#

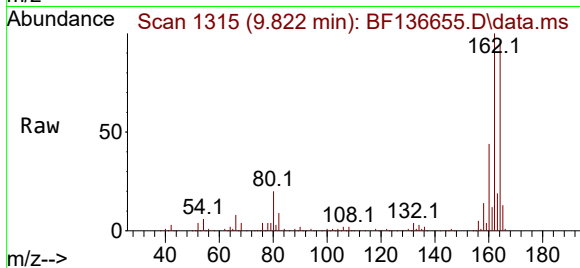




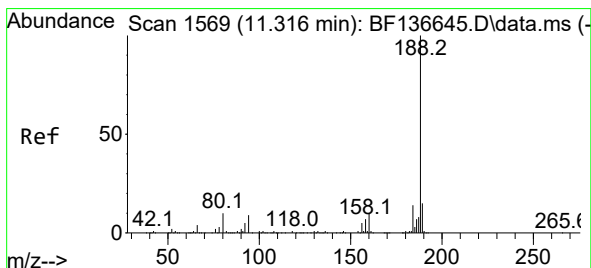
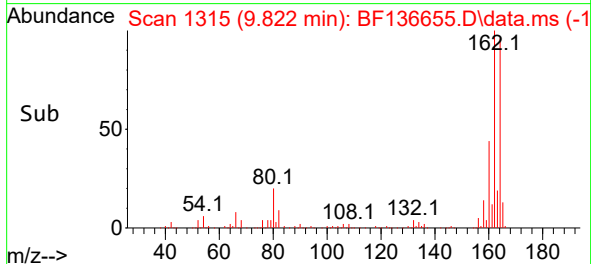
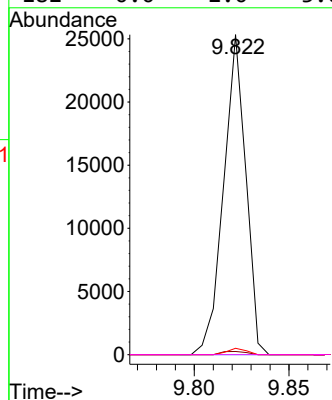


#57  
2,4-Dinitrotoluene  
Concen: 5.984 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.200 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

Instrument :  
BNA\_F  
ClientSampleId :  
PB157610BL

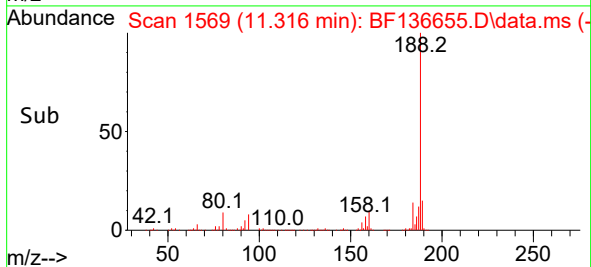
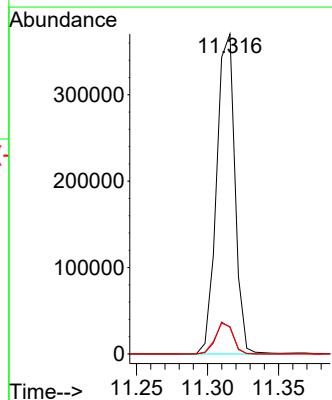
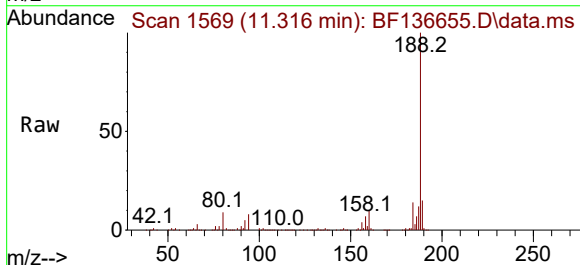


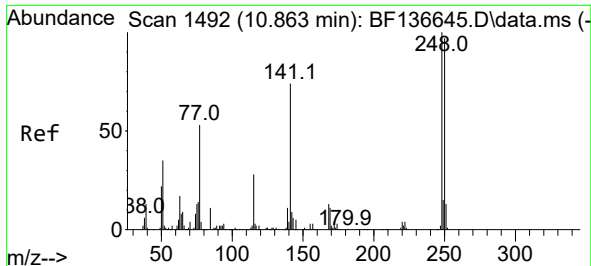
Tgt Ion:165 Resp: 20640  
Ion Ratio Lower Upper  
165 100  
63 1.0 41.0 61.6#  
89 2.0 59.9 89.9#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

Tgt Ion:188 Resp: 332426  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.5 11.3  
80 8.5 8.1 12.1

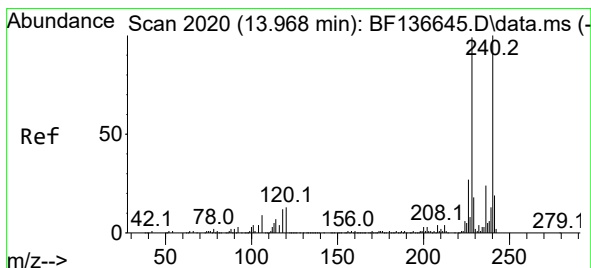
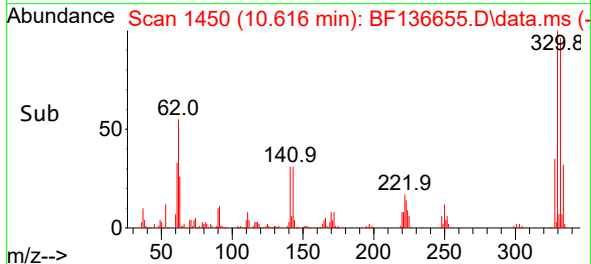
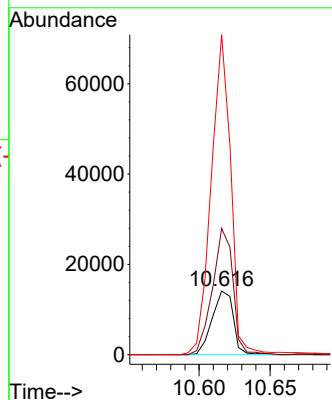
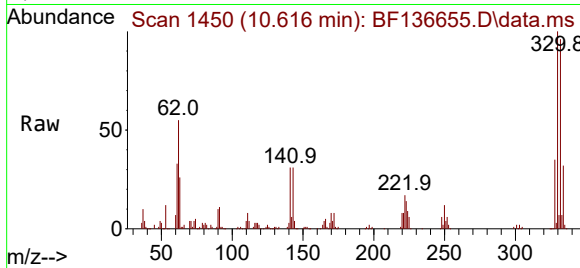




#67  
4-Bromophenyl-phenylether  
Concen: 3.966 ng  
RT: 10.616 min Scan# 1492  
Delta R.T. -0.247 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

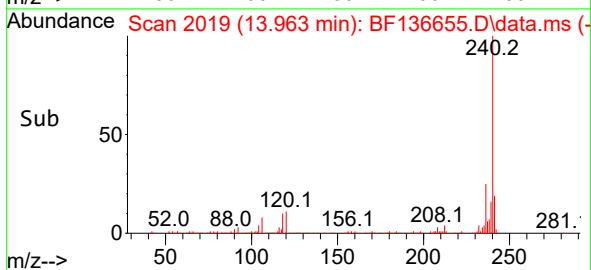
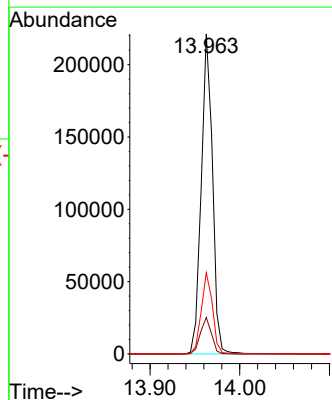
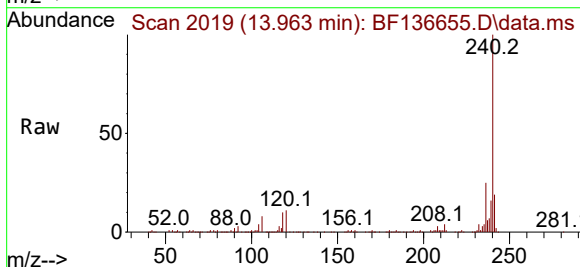
Instrument :  
BNA\_F  
ClientSampleId :  
PB157610BL

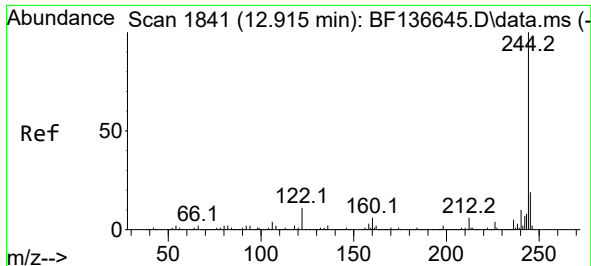
Tgt Ion:248 Resp: 14643  
Ion Ratio Lower Upper  
248 100  
250 198.2 77.8 116.6#  
141 502.4 59.2 88.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF136655.D  
Acq: 20 Dec 2023 19:05

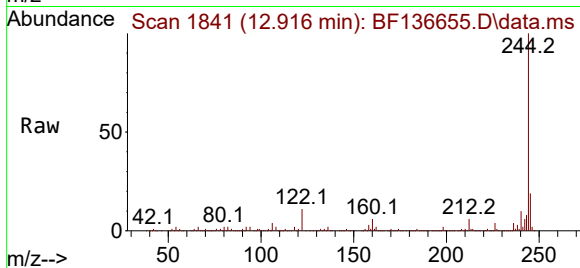
Tgt Ion:240 Resp: 192686  
Ion Ratio Lower Upper  
240 100  
120 11.4 10.3 15.5  
236 25.4 19.4 29.2





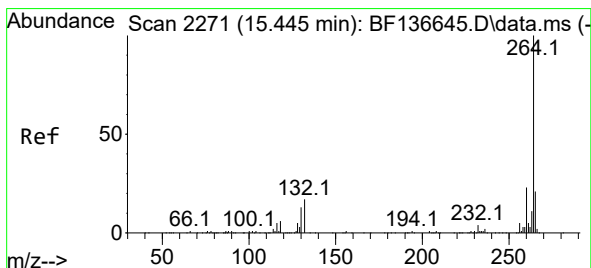
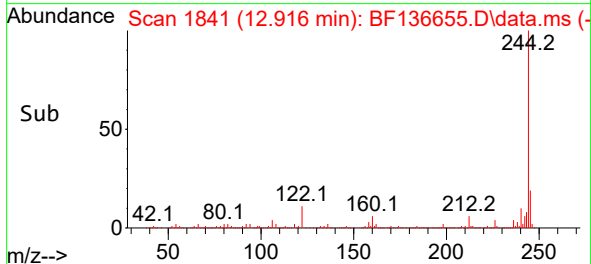
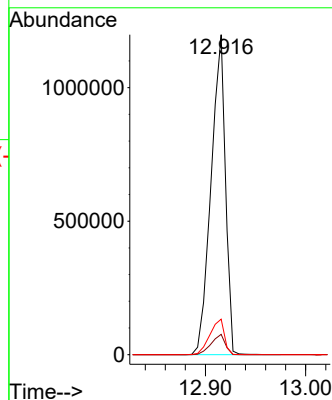
#79  
 Terphenyl-d14  
 Concen: 86.802 ng  
 RT: 12.916 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF136655.D  
 Acq: 20 Dec 2023 19:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157610BL



Tgt Ion:244 Resp: 1196847  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.4   | 5.0   | 7.4   |
| 122 | 11.1  | 9.0   | 13.4  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.445 min Scan# 2271  
 Delta R.T. 0.000 min  
 Lab File: BF136655.D  
 Acq: 20 Dec 2023 19:05

Tgt Ion:264 Resp: 155908  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.5  | 18.3  | 27.5  |
| 265 | 20.9  | 17.0  | 25.6  |

