

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120723\  
 Data File : BF136457.D  
 Acq On : 07 Dec 2023 20:37  
 Operator : CG\JU  
 Sample : 05599-13  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LKWD-BACKFILL-07

Quant Time: Dec 08 00:43:00 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

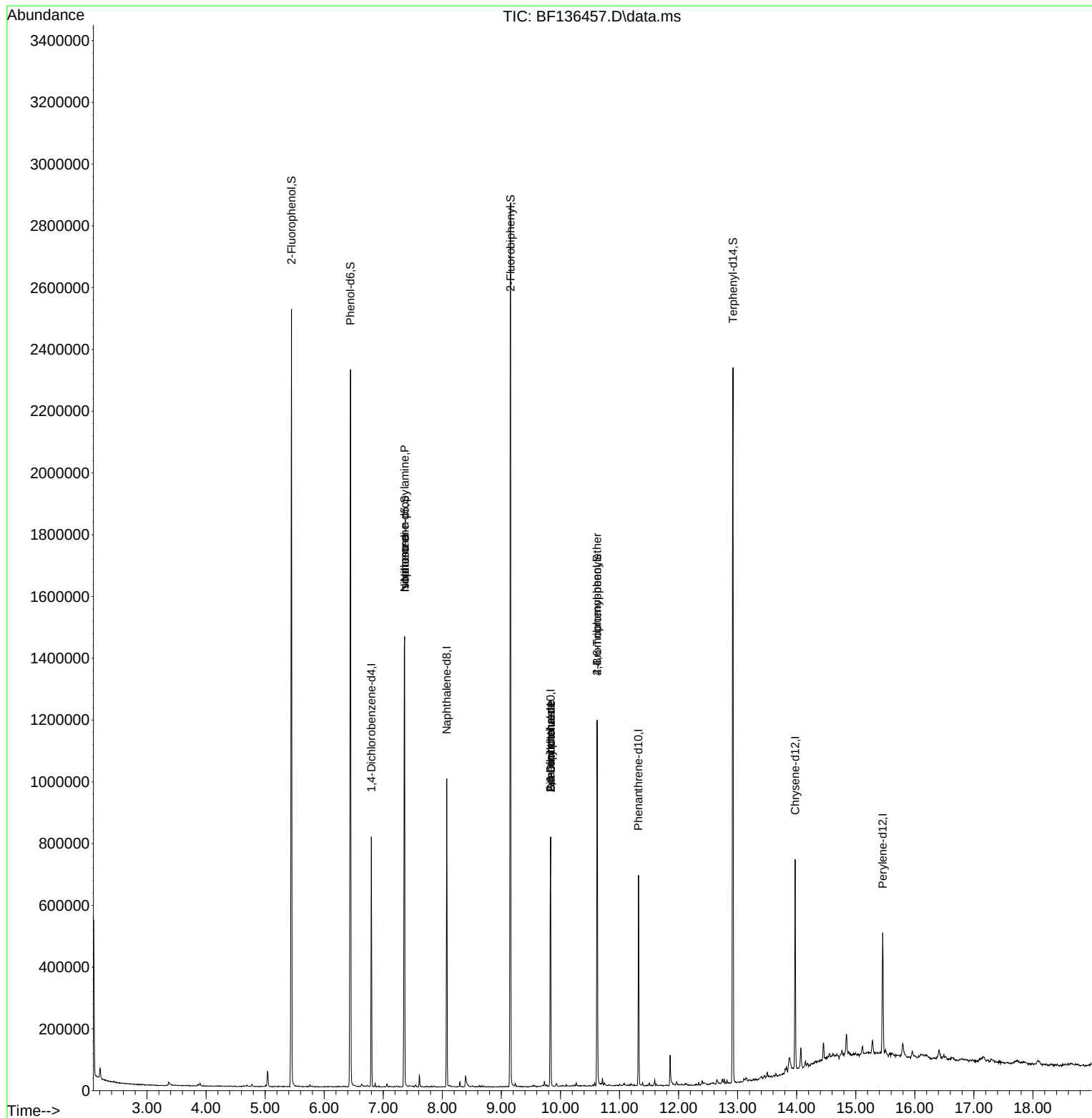
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.798  | 152  | 108378   | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 401521   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.833  | 164  | 154813   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.322 | 188  | 229328   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 215317   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 15.457 | 264  | 184981   | 20.000    | ng     | 0.00     |
|                               |        |      |          |           |        |          |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 690868   | 94.142    | ng     | 0.01     |
| 7) Phenol-d6                  | 6.445  | 99   | 827114   | 90.336    | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.363  | 82   | 507525   | 68.333    | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 151579   | 79.408    | ng     | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.157  | 172  | 932482   | 82.188    | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.921 | 244  | 807399   | 49.424    | ng     | 0.00     |
|                               |        |      |          |           |        |          |
| Target Compounds              |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.440  | 77   | 1295     | Below Cal | #      | 32       |
| 19) n-Nitroso-di-n-propyla... | 7.363  | 70   | 65168    | 12.339    | ng     | # 74     |
| 25) Isophorone                | 7.363  | 82   | 507600   | 38.040    | ng     | # 65     |
| 50) Dimethylphthalate         | 9.833  | 163  | 32095    | 2.816     | ng     | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.833  | 165  | 19470    | 7.593     | ng     | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.833  | 165  | 19470    | 5.740     | ng     | # 28     |
| 67) 4-Bromophenyl-phenylether | 10.622 | 248  | 9530     | 3.574     | ng     | # 1      |
| 77) Benzidine                 | 12.921 | 184  | 9518     | Below Cal | #      | 94       |
| -----                         |        |      |          |           |        |          |

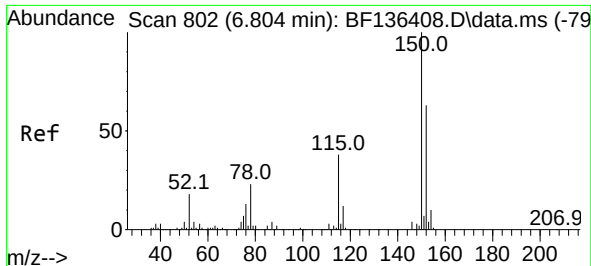
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120723\  
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Quant Time: Dec 08 00:43:00 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

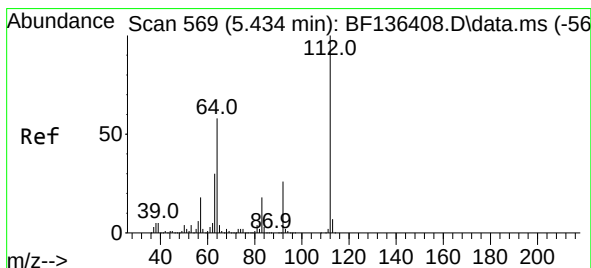
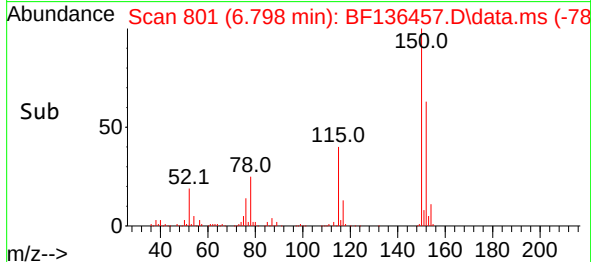
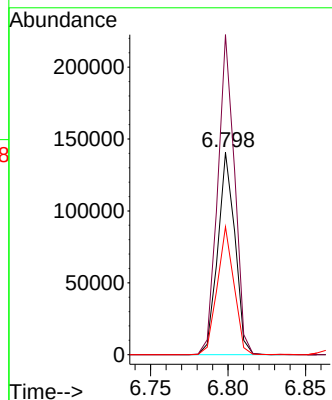
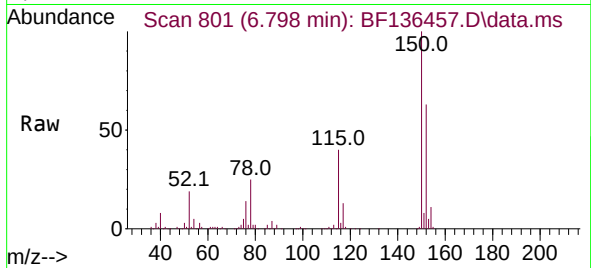




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.798 min Scan# 802  
 Delta R.T. -0.006 min  
 Lab File: BF136457.D  
 Acq: 07 Dec 2023 20:37

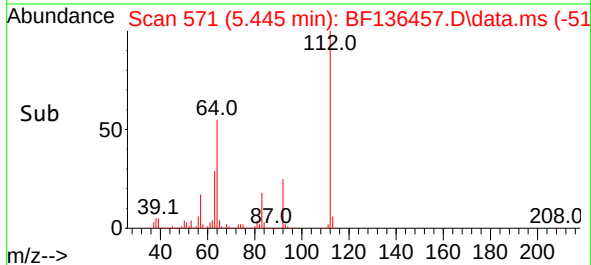
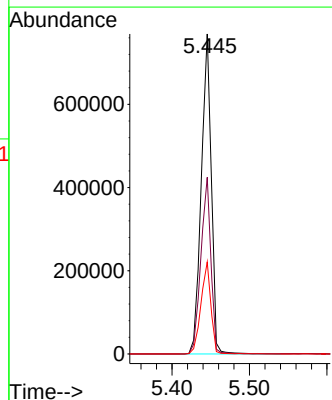
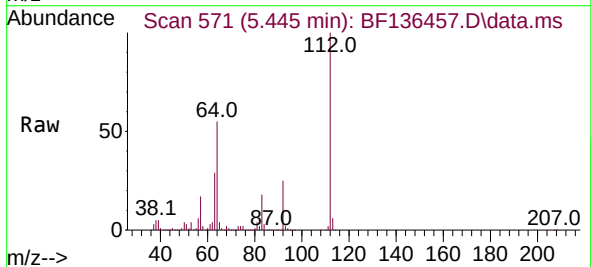
Instrument :  
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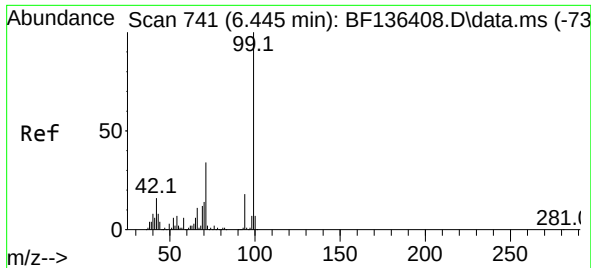
Tgt Ion:152 Resp: 108378  
 Ion Ratio Lower Upper  
 152 100  
 150 158.2 126.4 189.6  
 115 63.2 48.2 72.4



#5  
 2-Fluorophenol  
 Concen: 94.142 ng  
 RT: 5.445 min Scan# 571  
 Delta R.T. 0.012 min  
 Lab File: BF136457.D  
 Acq: 07 Dec 2023 20:37

Tgt Ion:112 Resp: 690868  
 Ion Ratio Lower Upper  
 112 100  
 64 55.2 46.5 69.7  
 63 28.8 23.9 35.9

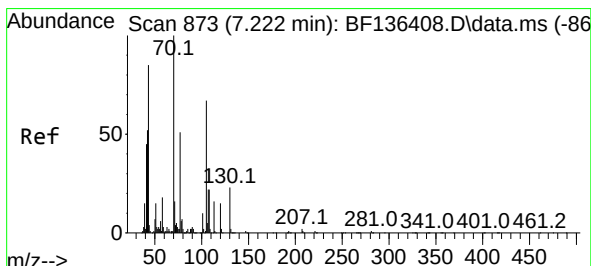
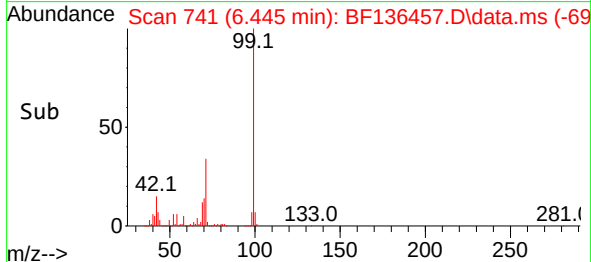
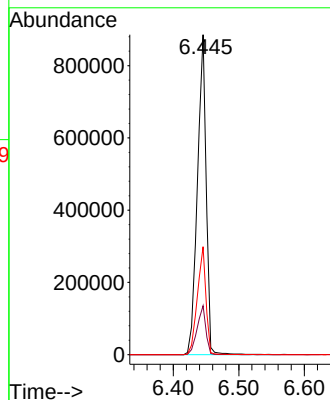
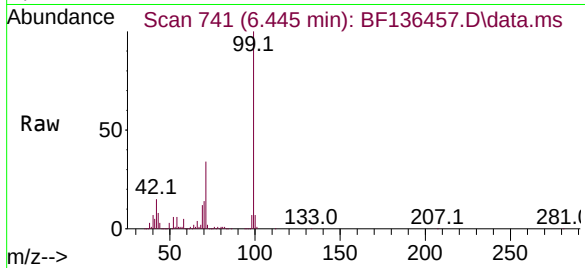




#7  
Phenol-d6  
Concen: 90.336 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

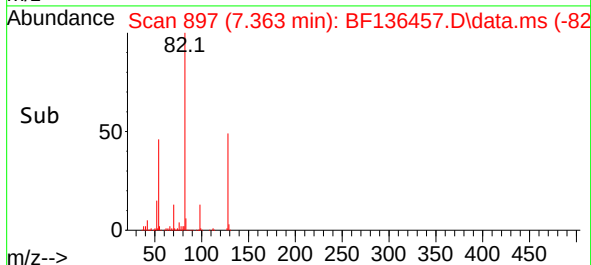
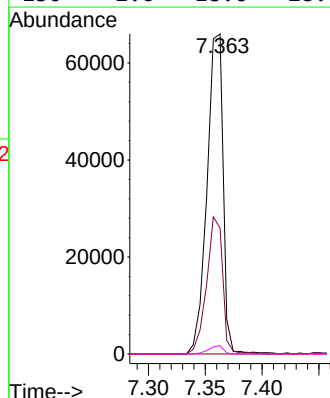
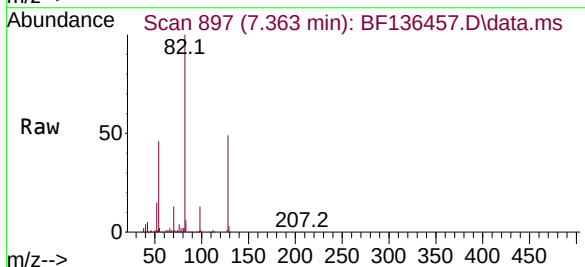
Instrument :  
BNA\_F  
ClientSampleId :  
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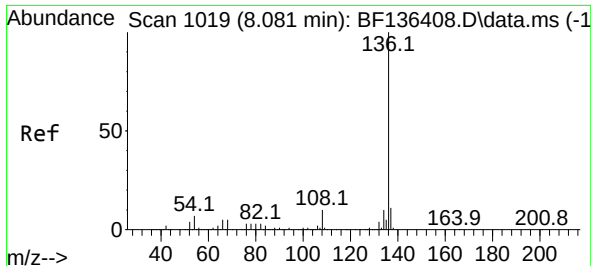
Tgt Ion: 99 Resp: 827114  
Ion Ratio Lower Upper  
99 100  
42 15.3 12.8 19.2  
71 33.8 27.0 40.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.339 ng  
RT: 7.363 min Scan# 897  
Delta R.T. 0.141 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

Tgt Ion: 70 Resp: 65168  
Ion Ratio Lower Upper  
70 100  
42 39.4 41.4 62.0#  
101 0.0 8.2 12.4#  
130 2.6 18.6 28.0#

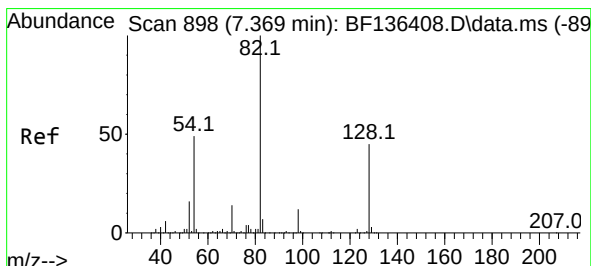
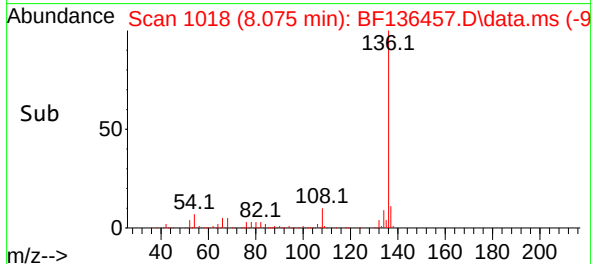
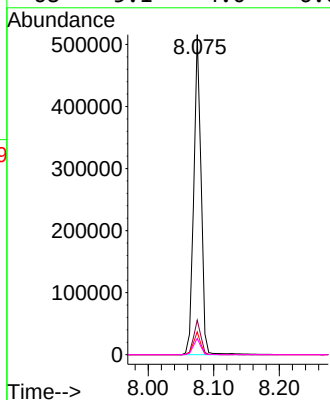
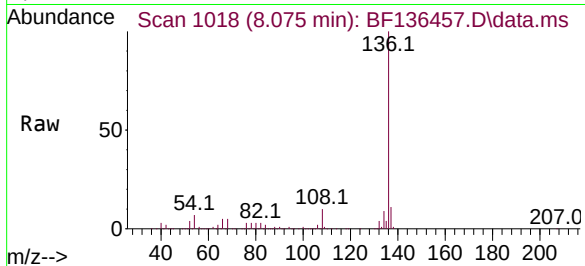




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

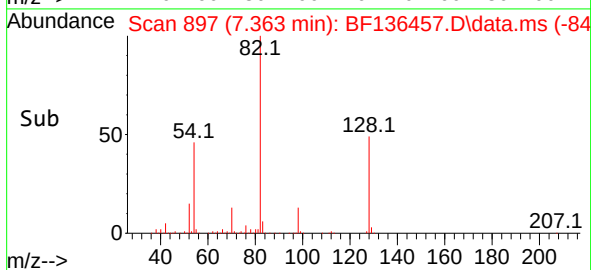
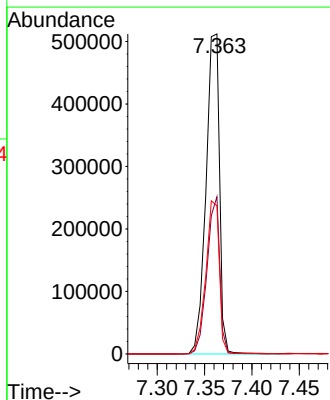
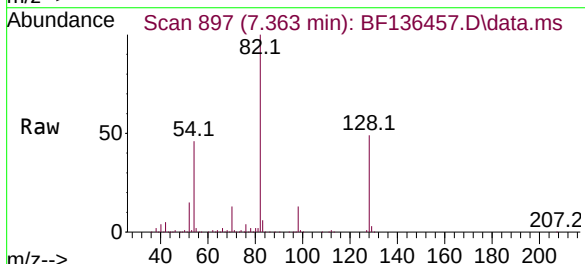
Instrument :  
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ClientSampleId :  
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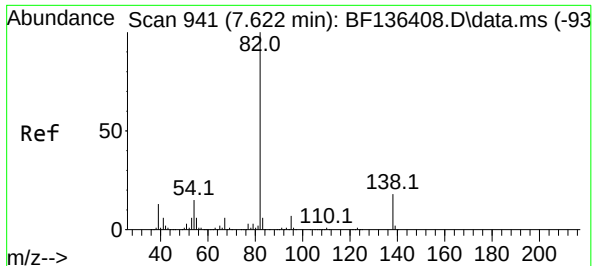
Tgt Ion:136 Resp: 401521  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 7.1 5.7 8.5  
68 5.1 4.0 6.0



#23  
Nitrobenzene-d5  
Concen: 68.333 ng  
RT: 7.363 min Scan# 897  
Delta R.T. -0.006 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

Tgt Ion: 82 Resp: 507525  
Ion Ratio Lower Upper  
82 100  
128 49.1 36.3 54.5  
54 46.3 39.0 58.6

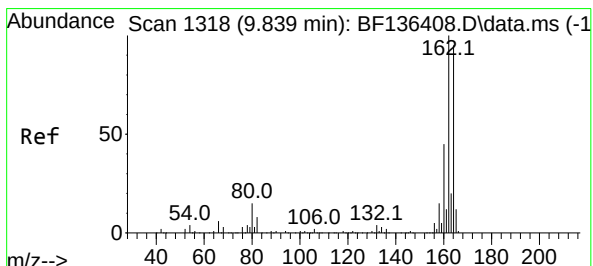
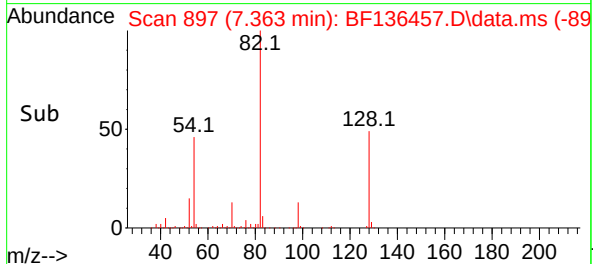
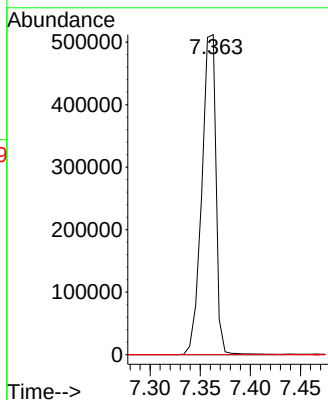
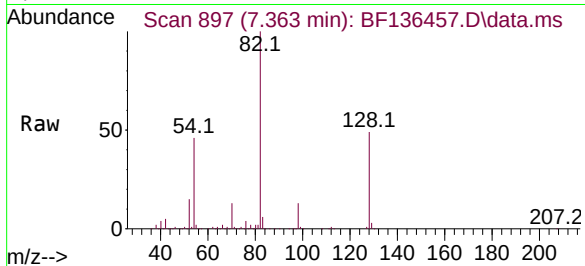




#25  
Isophorone  
Concen: 38.040 ng  
RT: 7.363 min Scan# 897  
Delta R.T. -0.259 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

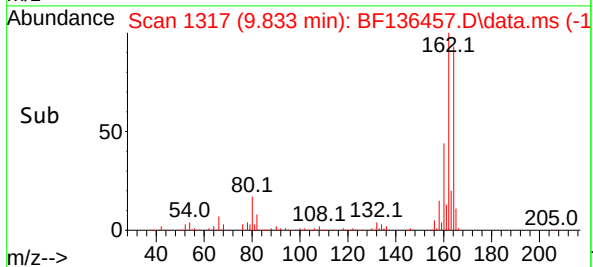
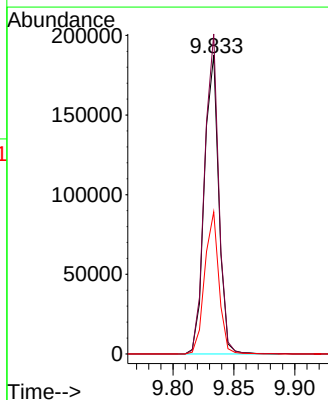
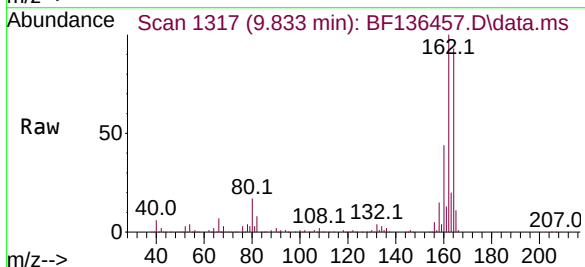
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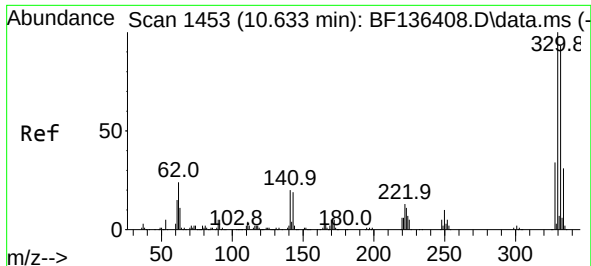
Tgt Ion: 82 Resp: 507600  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

Tgt Ion:164 Resp: 154813  
Ion Ratio Lower Upper  
164 100  
162 107.0 84.4 126.6  
160 47.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 79.408 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136457.D

Acq: 07 Dec 2023 20:37

Instrument :

BNA\_F

ClientSampleId :

LKWD-BACKFILL-07

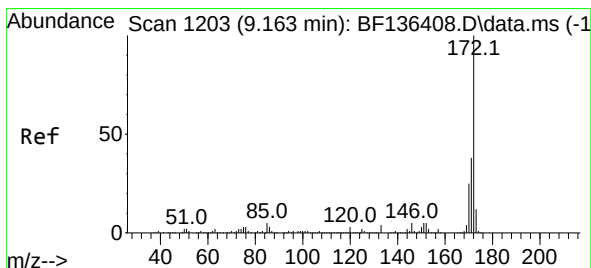
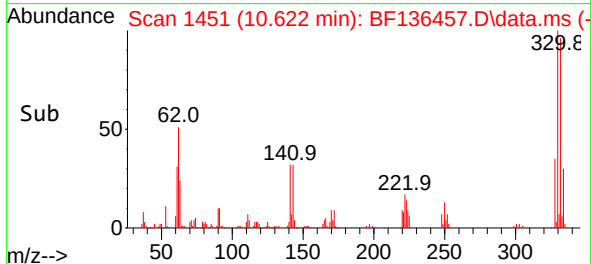
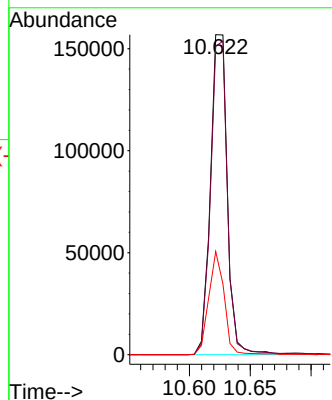
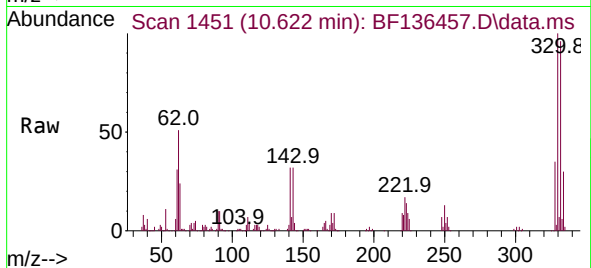
Tgt Ion:330 Resp: 151579

Ion Ratio Lower Upper

330 100

332 97.6 76.4 114.6

141 29.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 82.188 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136457.D

Acq: 07 Dec 2023 20:37

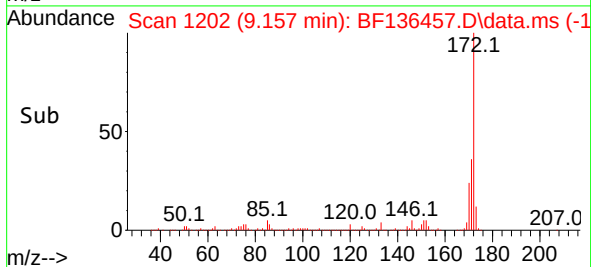
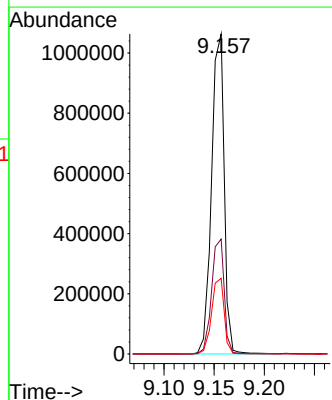
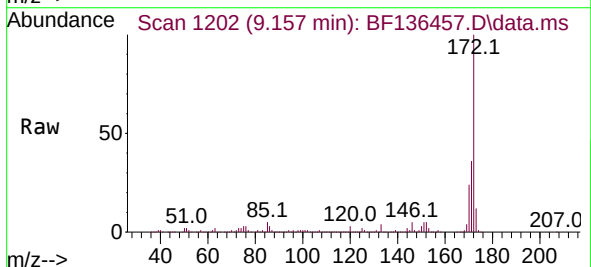
Tgt Ion:172 Resp: 932482

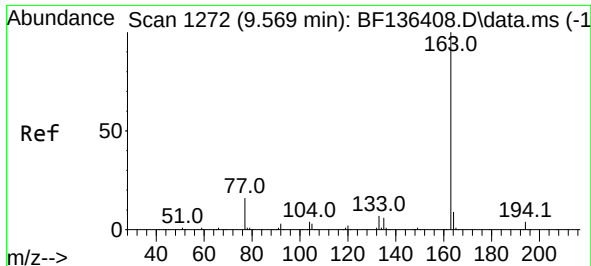
Ion Ratio Lower Upper

172 100

171 35.9 30.5 45.7

170 23.6 19.9 29.9

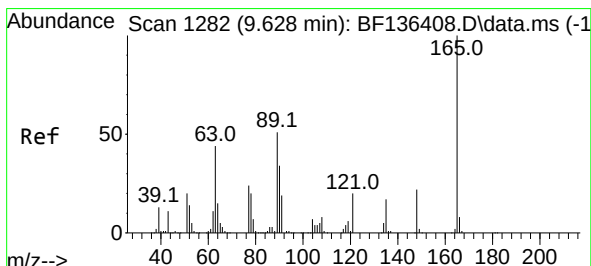
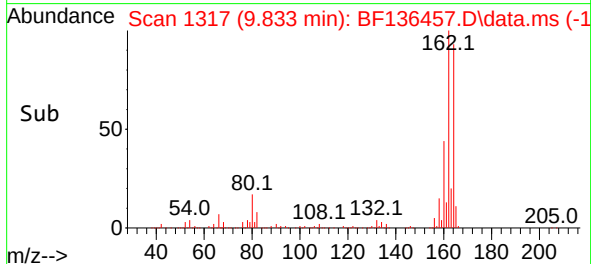
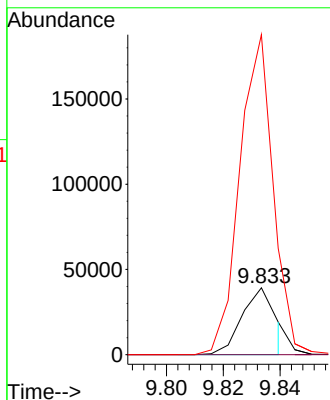
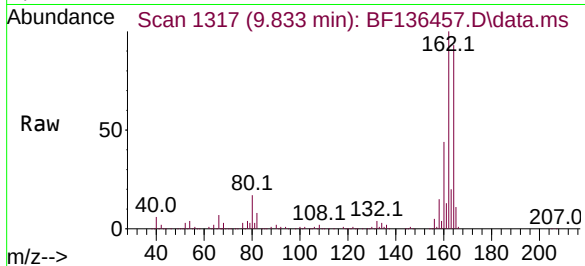




#50  
Dimethylphthalate  
Concen: 2.816 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. 0.265 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

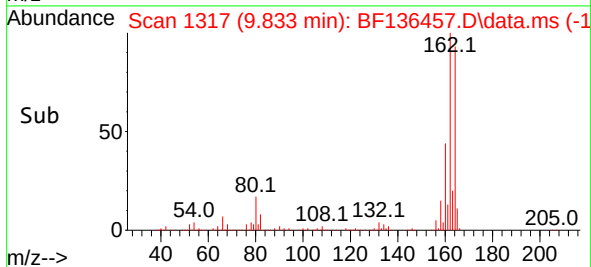
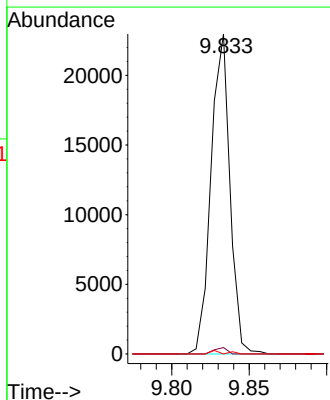
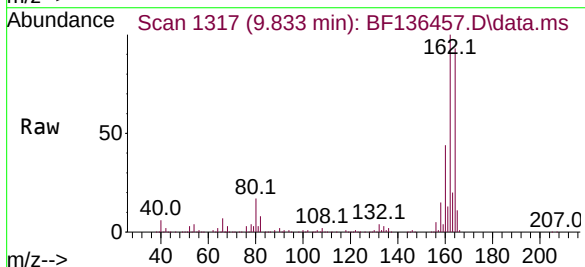
Instrument :  
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LKWD-BACKFILL-07

Tgt Ion:163 Resp: 32095  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.0 4.6#  
164 478.9 7.4 11.2#

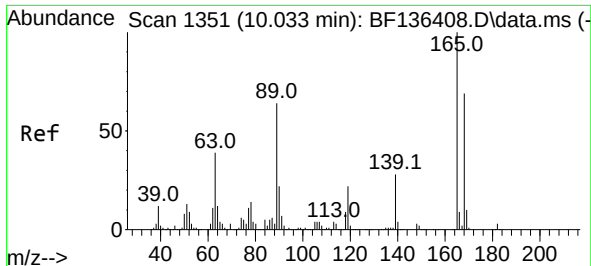


#51  
2,6-Dinitrotoluene  
Concen: 7.593 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. 0.206 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

Tgt Ion:165 Resp: 19470  
Ion Ratio Lower Upper  
165 100  
63 2.0 40.4 60.6#  
89 0.0 40.6 60.8#



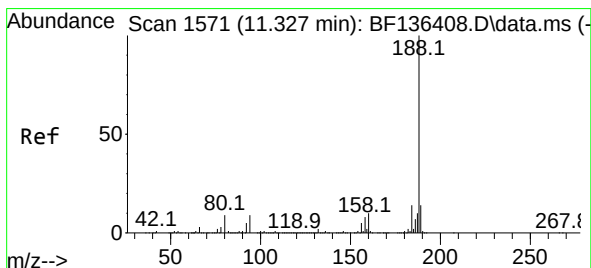
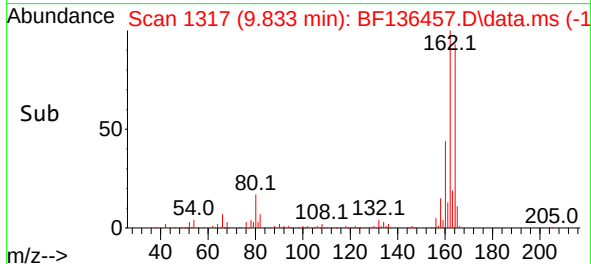
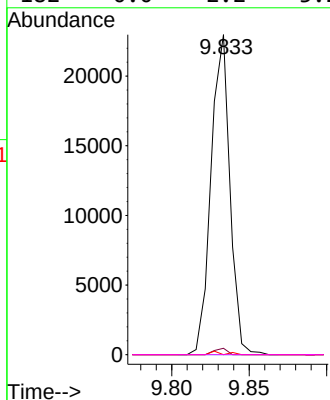
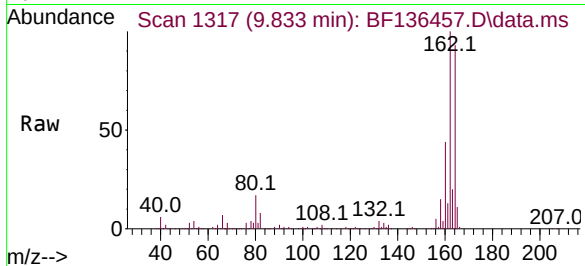




#57  
2,4-Dinitrotoluene  
Concen: 5.740 ng  
RT: 9.833 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

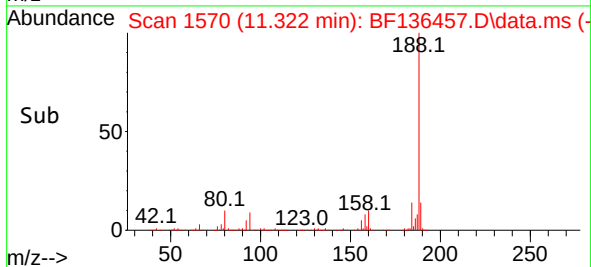
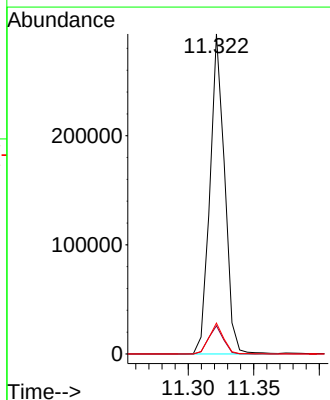
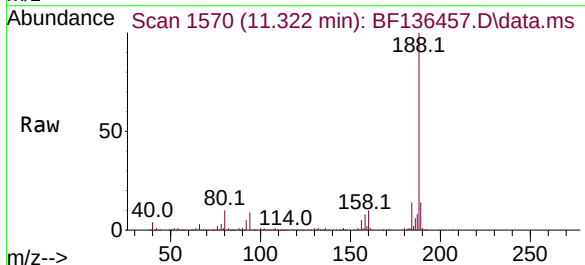
Instrument :  
BNA\_F  
ClientSampleId :  
LKWD-BACKFILL-07

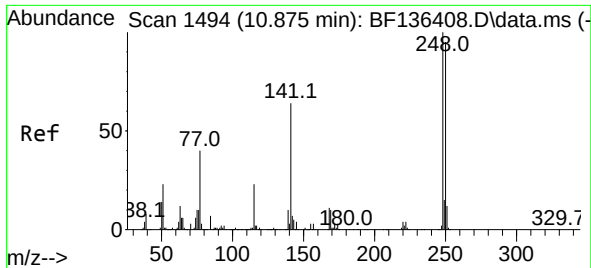
Tgt Ion:165 Resp: 19470  
Ion Ratio Lower Upper  
165 100  
63 2.0 31.4 47.2#  
89 0.0 51.7 77.5#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.322 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

Tgt Ion:188 Resp: 229328  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.2 10.8  
80 9.7 7.2 10.8

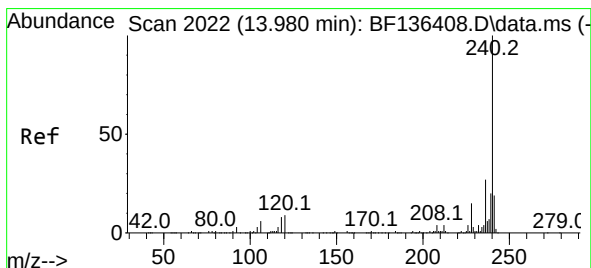
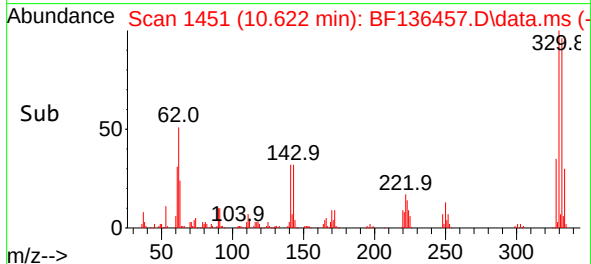
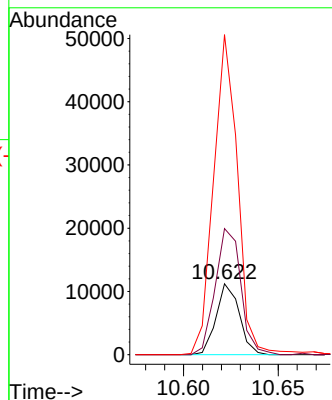
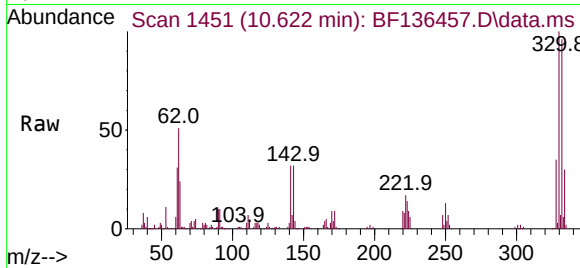




#67  
4-Bromophenyl-phenylether  
Concen: 3.574 ng  
RT: 10.622 min Scan# 1494  
Delta R.T. -0.253 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

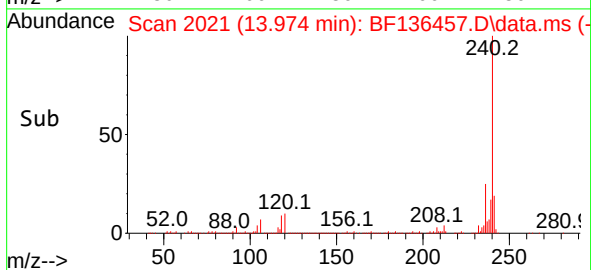
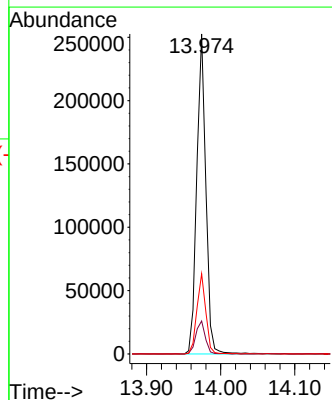
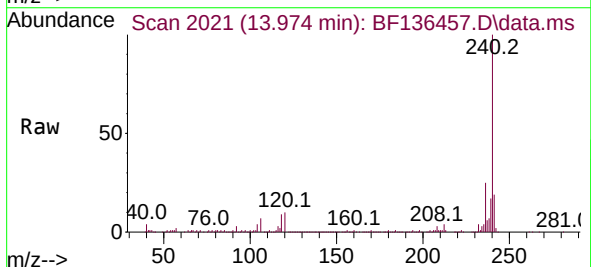
Instrument :  
BNA\_F  
ClientSampleId :  
LKWD-BACKFILL-07

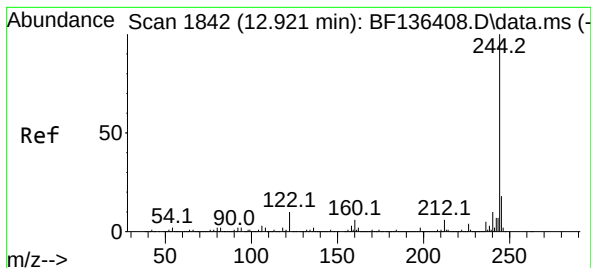
Tgt Ion:248 Resp: 9530  
Ion Ratio Lower Upper  
248 100  
250 177.9 76.2 114.2#  
141 451.4 51.0 76.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.006 min  
Lab File: BF136457.D  
Acq: 07 Dec 2023 20:37

Tgt Ion:240 Resp: 215317  
Ion Ratio Lower Upper  
240 100  
120 10.3 7.3 10.9  
236 25.1 21.3 31.9





#79

Terphenyl-d14

Concen: 49.424 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136457.D

Acq: 07 Dec 2023 20:37

Instrument :

BNA\_F

ClientSampleId :

LKWD-BACKFILL-07

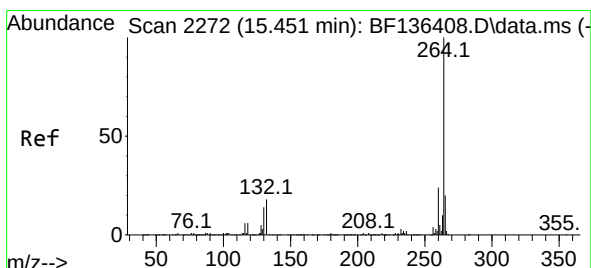
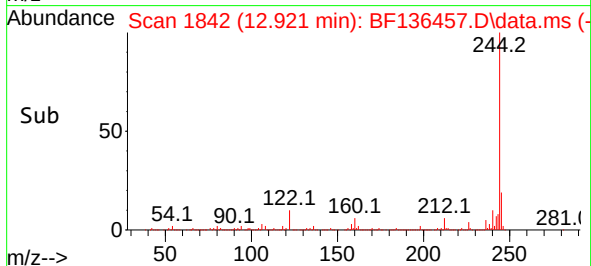
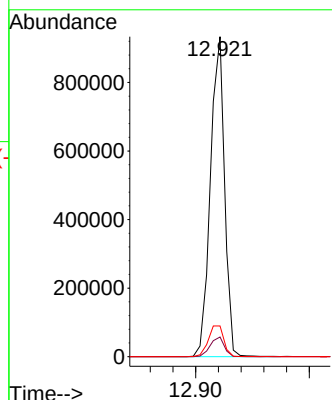
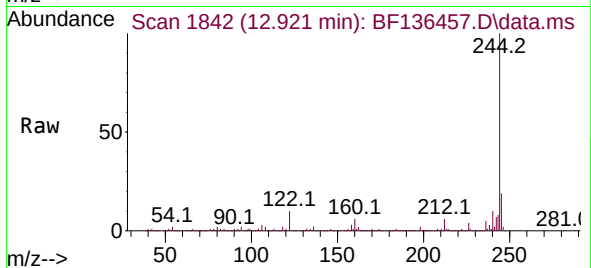
Tgt Ion:244 Resp: 807399

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 9.6 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136457.D

Acq: 07 Dec 2023 20:37

Tgt Ion:264 Resp: 184981

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.0 15.9 23.9

