

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091223\  
 Data File : BF135172.D  
 Acq On : 12 Sep 2023 09:56  
 Operator : CG\JU  
 Sample : PB155351TB  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 13 01:58:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 00:19:07 2023  
 Response via : Initial Calibration

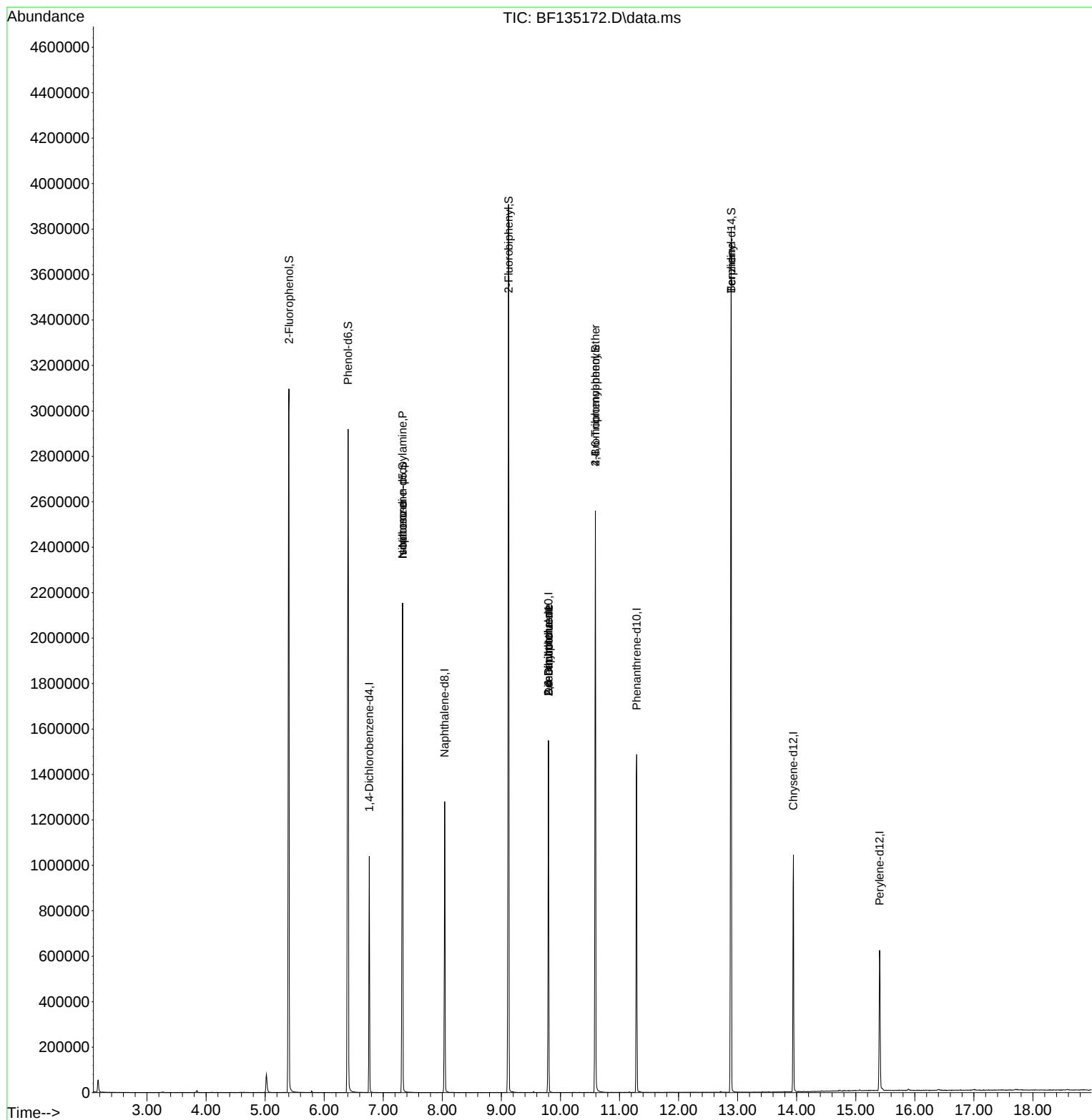
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.763  | 152  | 142875   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.039  | 136  | 554087   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.798  | 164  | 299740   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.292 | 188  | 571643   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.945 | 240  | 350466   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.404 | 264  | 302050   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 916021   | 104.277 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.404  | 99   | 1170821  | 104.818 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.328  | 82   | 725726   | 71.159  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.592 | 330  | 317302   | 106.524 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.122  | 172  | 1326581  | 66.773  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.892 | 244  | 1443315  | 63.841  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.328  | 70   | 98381    | 14.220  | ng    | Qvalue   |
| 25) Isophorone                | 7.328  | 82   | 723132   | 38.614  | ng    | # 77     |
| 50) Dimethylphthalate         | 9.798  | 163  | 58538    | 2.889   | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.798  | 165  | 36669    | 8.260   | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 9.798  | 165  | 36669    | 6.598   | ng    | # 17     |
| 67) 4-Bromophenyl-phenylether | 10.592 | 248  | 19828    | 3.488   | ng    | # 19     |
| 77) Benzidine                 | 12.892 | 184  | 17945    | 2.499   | ng    | # 1      |
| 77) Benzidine                 | 12.892 | 184  | 17945    | 2.499   | ng    | # 92     |
| -----                         |        |      |          |         |       |          |

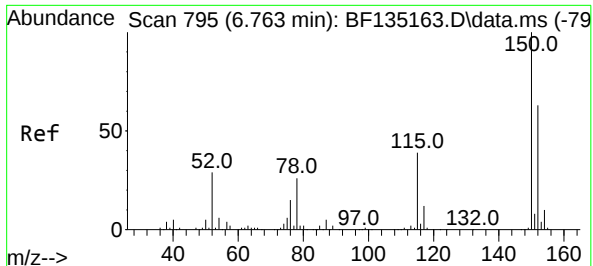
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091223\  
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ClientSampleId :

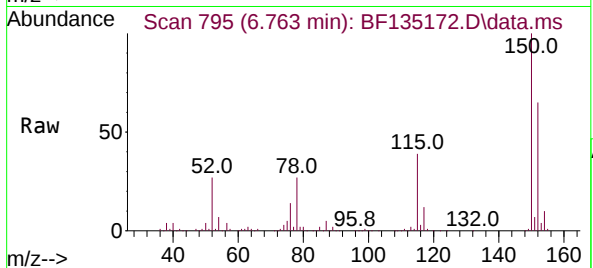
Quant Time: Sep 13 01:58:30 2023  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 12 00:19:07 2023  
Response via : Initial Calibration



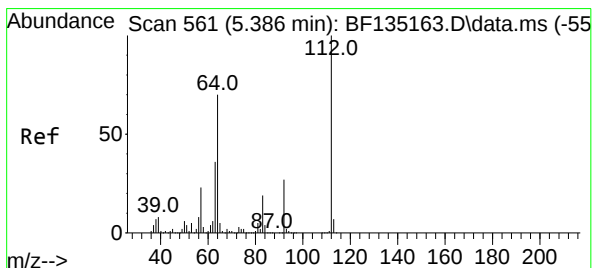
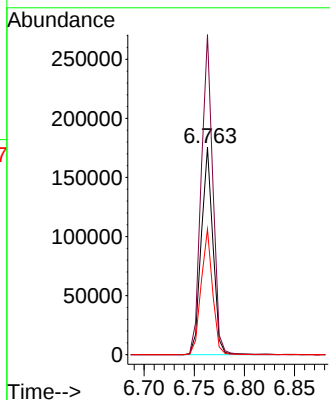
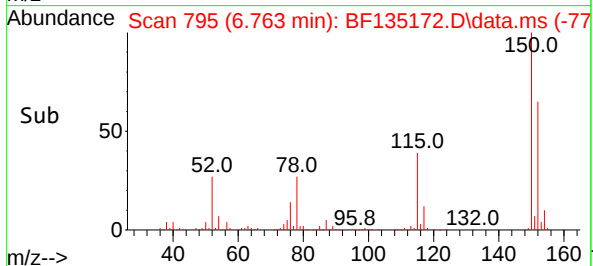


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.763 min Scan# 795  
 Delta R.T. 0.000 min  
 Lab File: BF135172.D  
 Acq: 12 Sep 2023 09:56

Instrument :  
 BNA\_F  
 ClientSampleId :

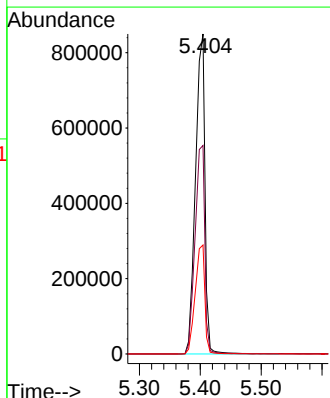
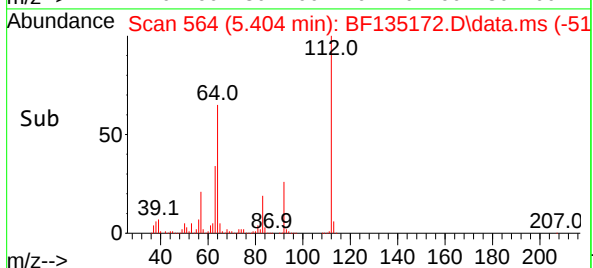
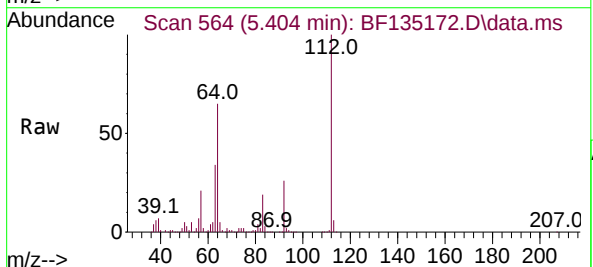


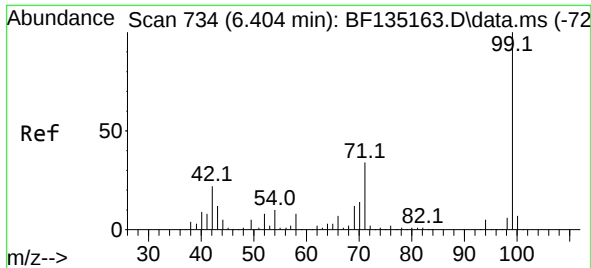
Tgt Ion:152 Resp: 142875  
 Ion Ratio Lower Upper  
 152 100  
 150 154.3 127.8 191.6  
 115 60.5 49.8 74.8



#5  
 2-Fluorophenol  
 Concen: 104.277 ng  
 RT: 5.404 min Scan# 564  
 Delta R.T. 0.018 min  
 Lab File: BF135172.D  
 Acq: 12 Sep 2023 09:56

Tgt Ion:112 Resp: 916021  
 Ion Ratio Lower Upper  
 112 100  
 64 65.2 55.9 83.9  
 63 34.0 29.0 43.6

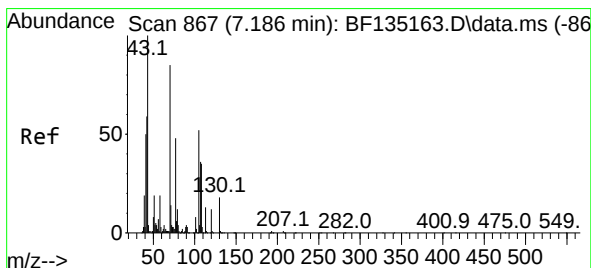
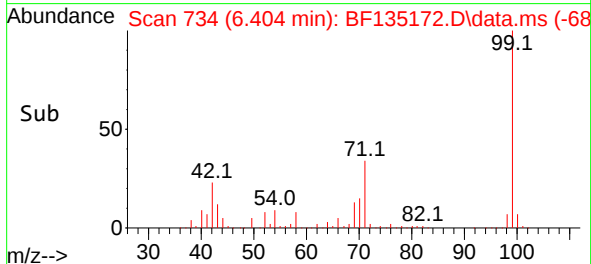
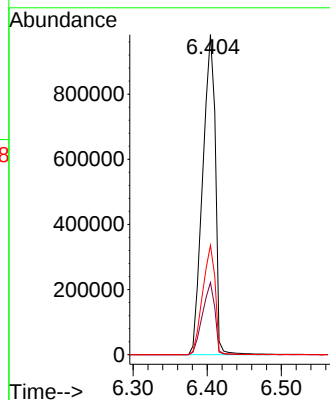
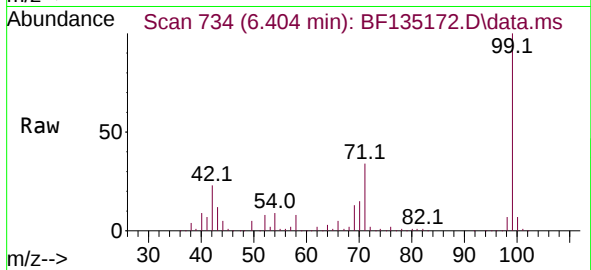




#7  
Phenol-d6  
Concen: 104.818 ng  
RT: 6.404 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

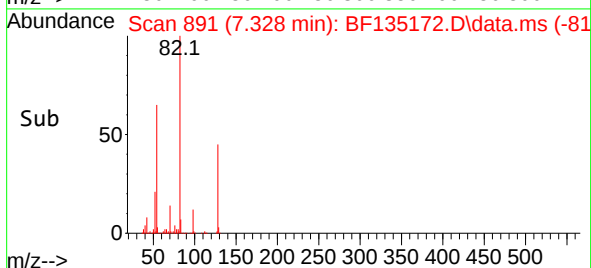
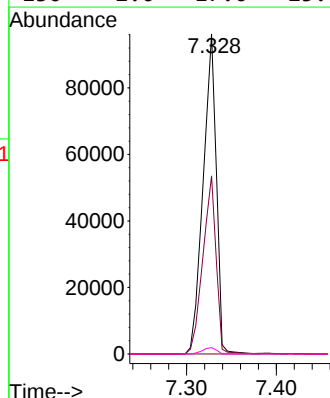
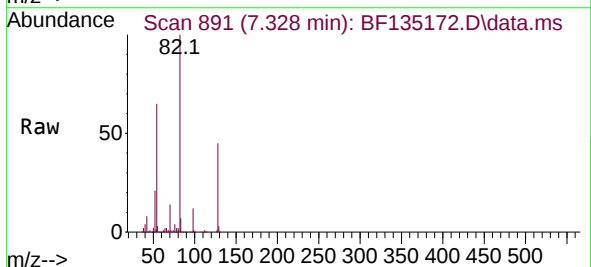
Instrument :  
BNA\_F  
ClientSampleId :

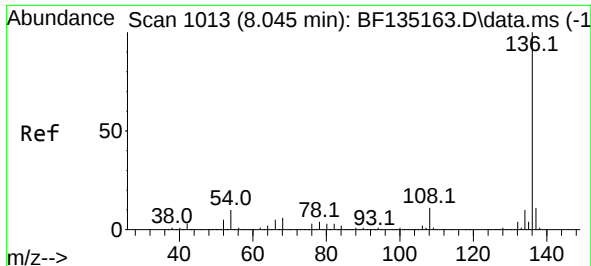
Tgt Ion: 99 Resp: 1170821  
Ion Ratio Lower Upper  
99 100  
42 22.5 17.9 26.9  
71 34.2 27.0 40.6



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.220 ng  
RT: 7.328 min Scan# 891  
Delta R.T. 0.141 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

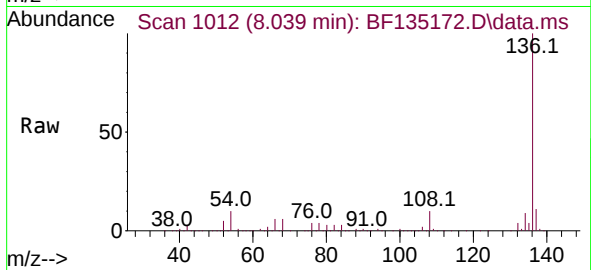
Tgt Ion: 70 Resp: 98381  
Ion Ratio Lower Upper  
70 100  
42 55.6 55.4 83.0  
101 0.0 7.7 11.5#  
130 2.0 17.0 25.6#



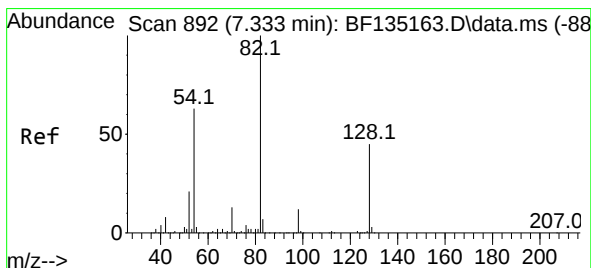
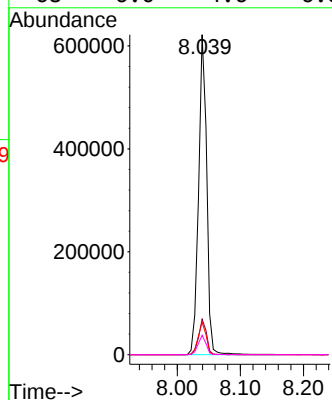
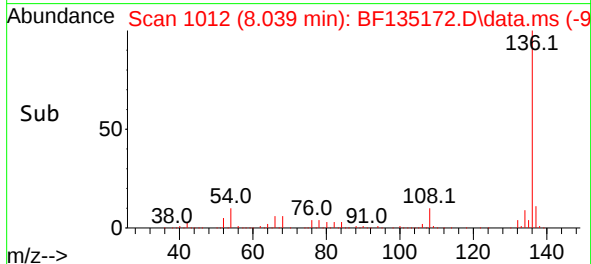


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.039 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

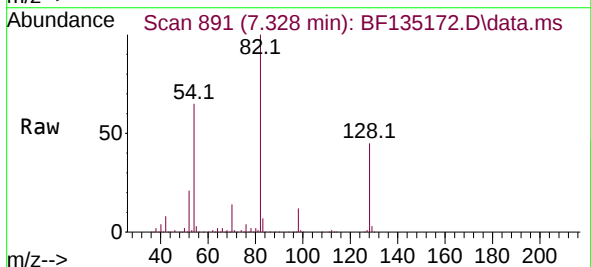
Instrument :  
BNA\_F  
ClientSampleId :



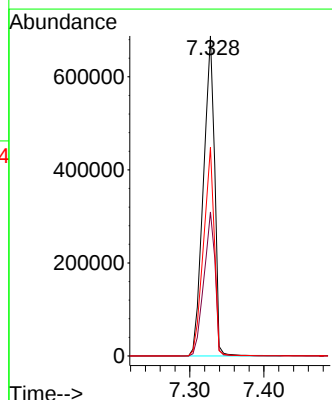
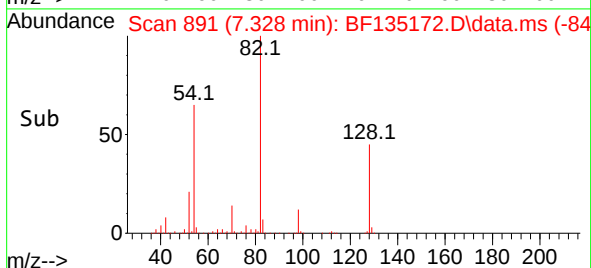
Tgt Ion:136 Resp: 554087  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 10.1 7.7 11.5  
68 6.0 4.6 6.8

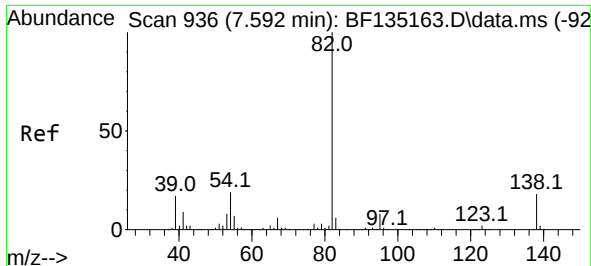


#23  
Nitrobenzene-d5  
Concen: 71.159 ng  
RT: 7.328 min Scan# 891  
Delta R.T. -0.006 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56



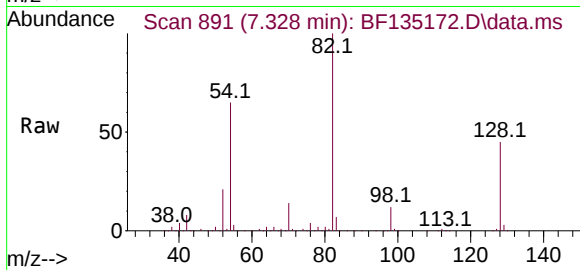
Tgt Ion: 82 Resp: 725726  
Ion Ratio Lower Upper  
82 100  
128 45.0 35.8 53.6  
54 65.2 50.6 76.0



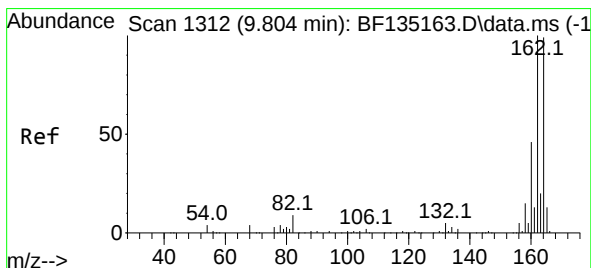
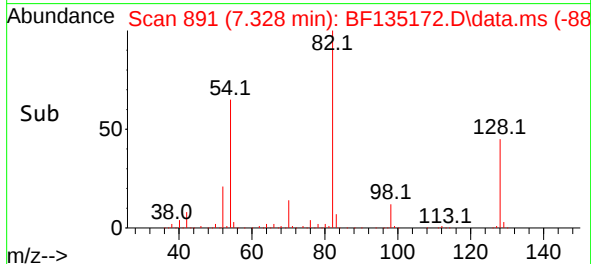
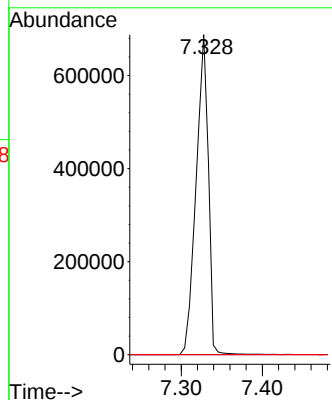


#25  
Isophorone  
Concen: 38.614 ng  
RT: 7.328 min Scan# 891  
Delta R.T. -0.264 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

Instrument :  
BNA\_F  
ClientSampleId :

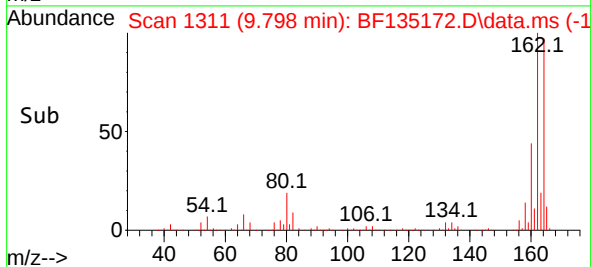
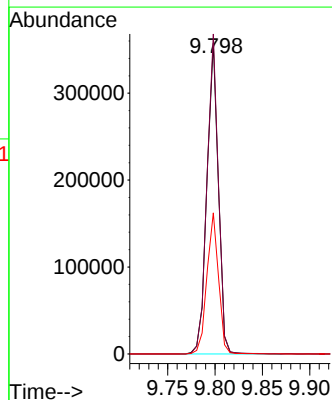
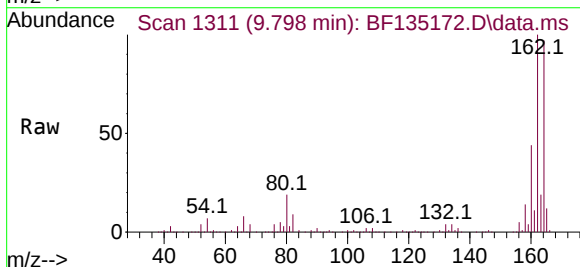


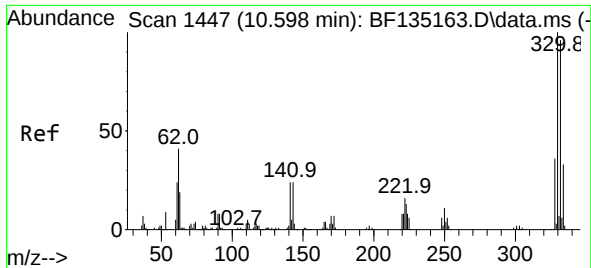
Tgt Ion: 82 Resp: 723132  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.798 min Scan# 1311  
Delta R.T. -0.006 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

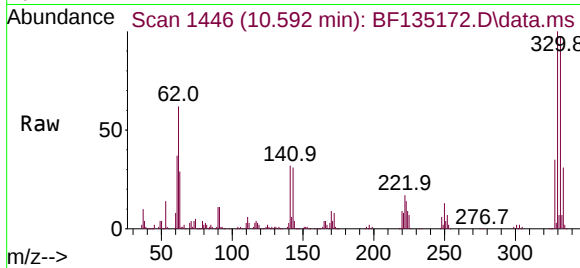
Tgt Ion: 164 Resp: 299740  
Ion Ratio Lower Upper  
164 100  
162 103.0 81.0 121.4  
160 45.4 37.0 55.4



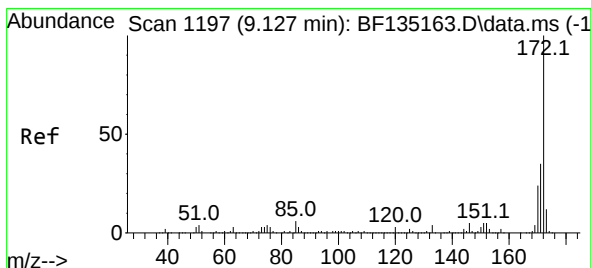
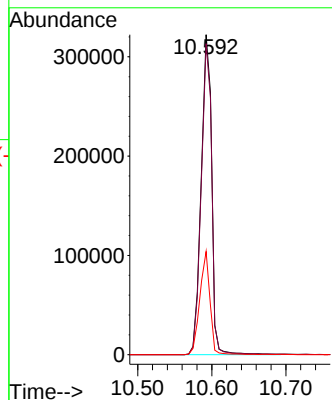
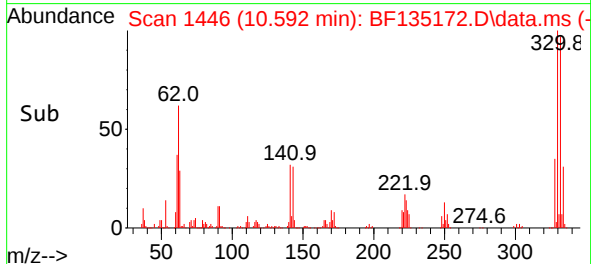


#42  
2,4,6-Tribromophenol  
Concen: 106.524 ng  
RT: 10.592 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

Instrument :  
BNA\_F  
ClientSampleId :

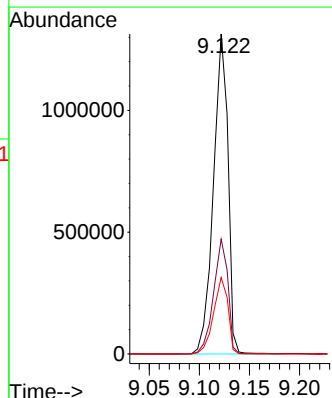
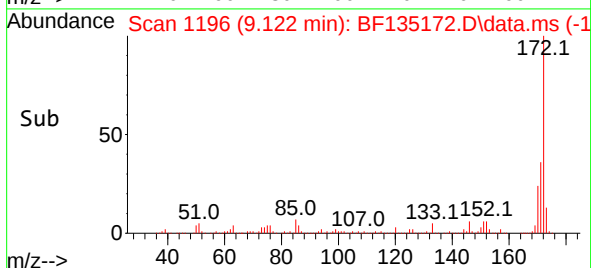
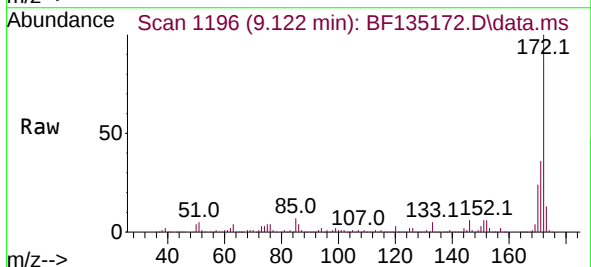


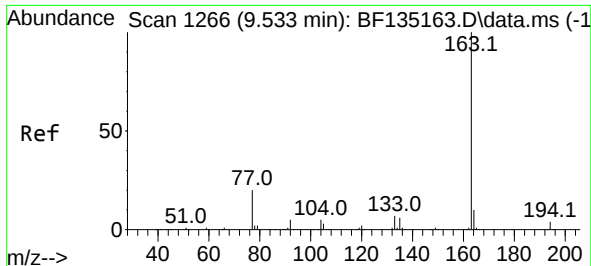
Tgt Ion: 330 Resp: 317302  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.3 115.9  
141 31.1 25.8 38.8



#45  
2-Fluorobiphenyl  
Concen: 66.773 ng  
RT: 9.122 min Scan# 1196  
Delta R.T. -0.006 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

Tgt Ion: 172 Resp: 1326581  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.4 42.6  
170 23.9 19.0 28.4

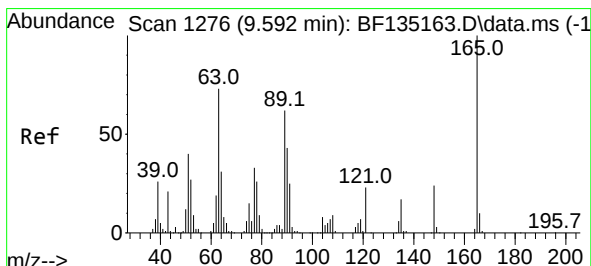
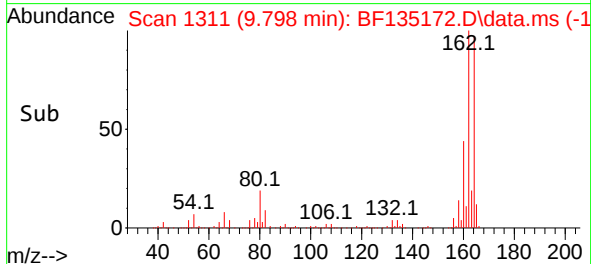
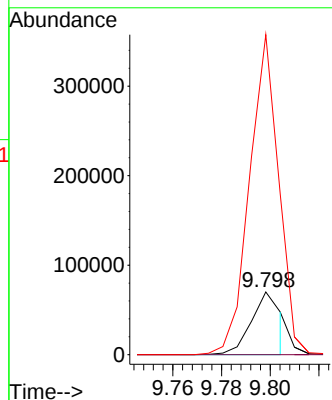
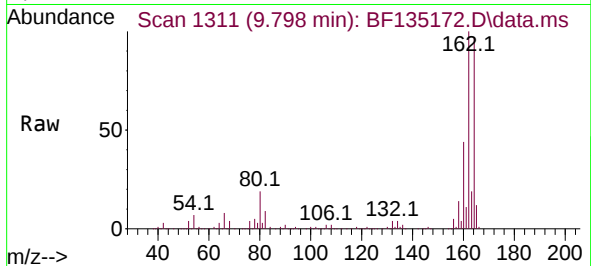




#50  
Dimethylphthalate  
Concen: 2.889 ng  
RT: 9.798 min Scan# 1311  
Delta R.T. 0.265 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

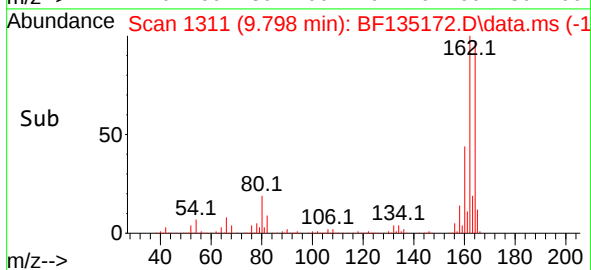
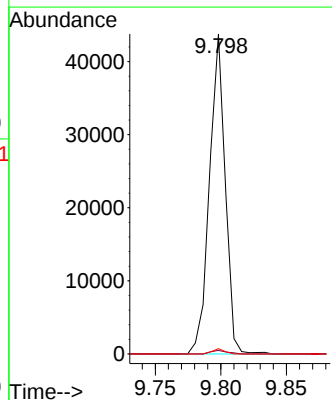
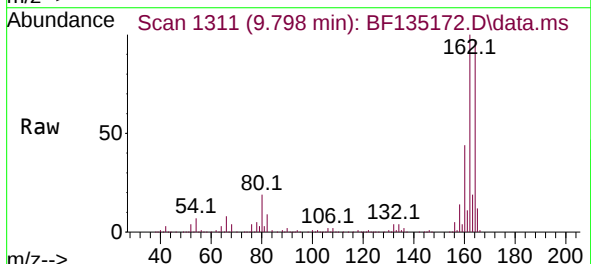
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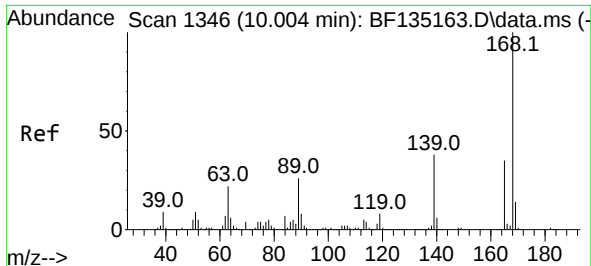
Tgt Ion:163 Resp: 58538  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.1 4.7#  
164 509.8 8.1 12.1#



#51  
2,6-Dinitrotoluene  
Concen: 8.260 ng  
RT: 9.798 min Scan# 1311  
Delta R.T. 0.206 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

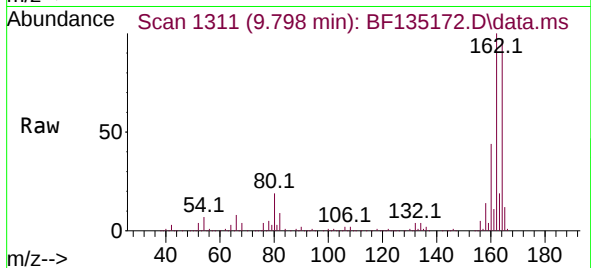
Tgt Ion:165 Resp: 36669  
Ion Ratio Lower Upper  
165 100  
63 1.1 59.4 89.2#  
89 1.6 49.8 74.8#



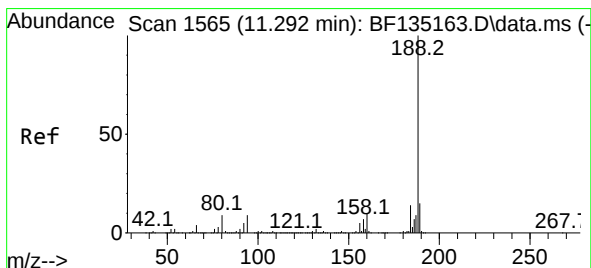
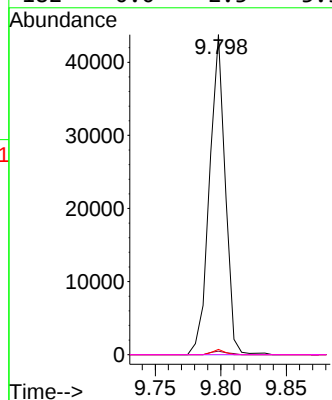
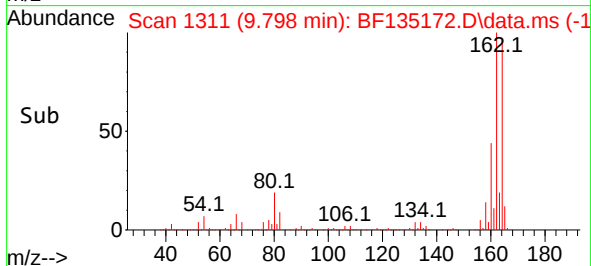


#57  
2,4-Dinitrotoluene  
Concen: 6.598 ng  
RT: 9.798 min Scan# 1311  
Delta R.T. -0.206 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

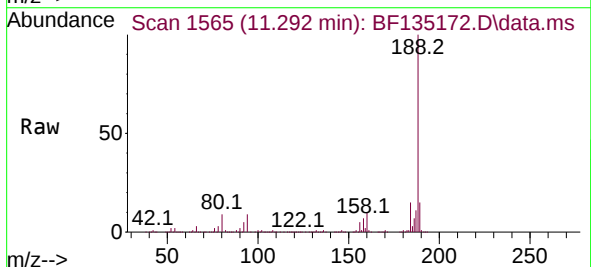
Instrument :  
BNA\_F  
ClientSampleId :



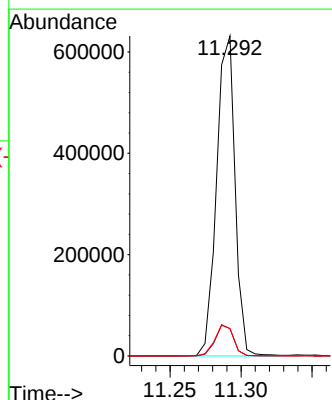
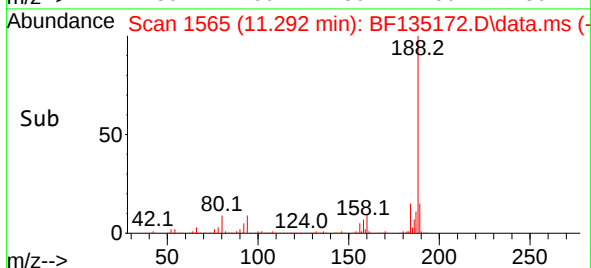
Tgt Ion:165 Resp: 36669  
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165 100  
63 1.1 50.1 75.1#  
89 1.6 59.3 88.9#  
182 0.0 2.3 3.5#

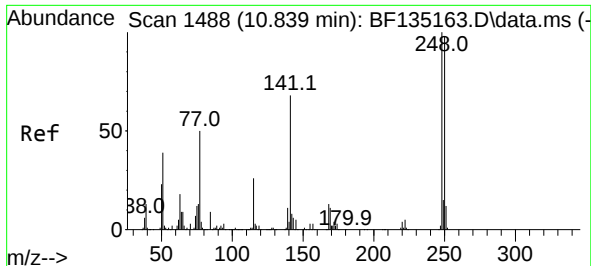


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.292 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56



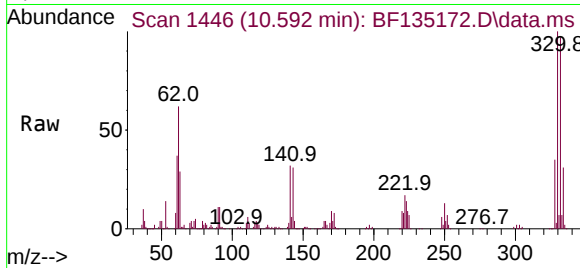
Tgt Ion:188 Resp: 571643  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.0 10.6  
80 8.5 7.5 11.3



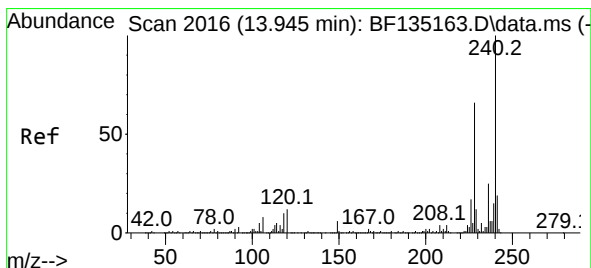
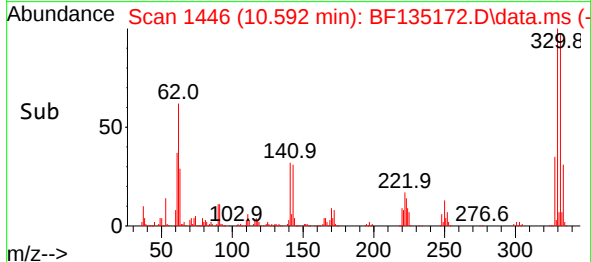
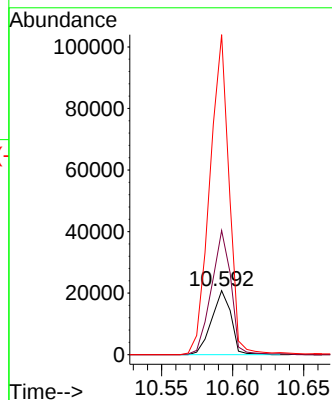


#67  
4-Bromophenyl-phenylether  
Concen: 3.488 ng  
RT: 10.592 min Scan# 1488  
Delta R.T. -0.247 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

Instrument :  
BNA\_F  
ClientSampleId :

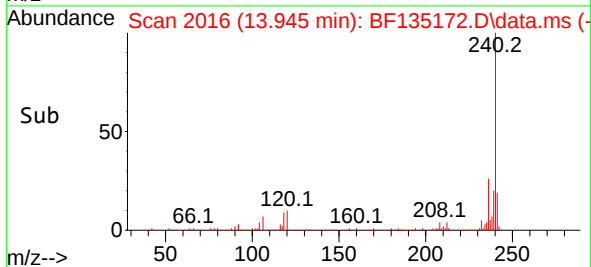
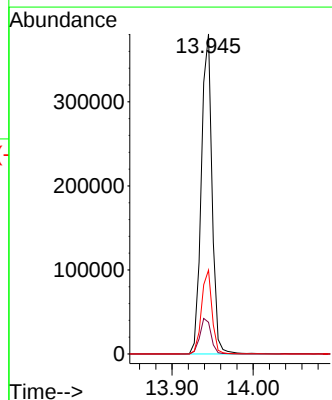
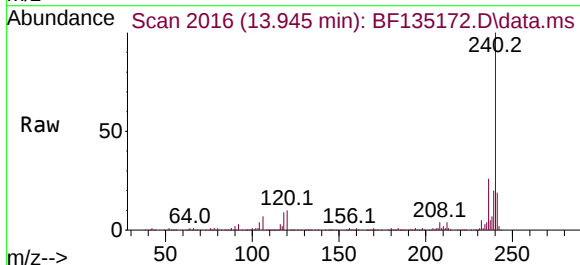


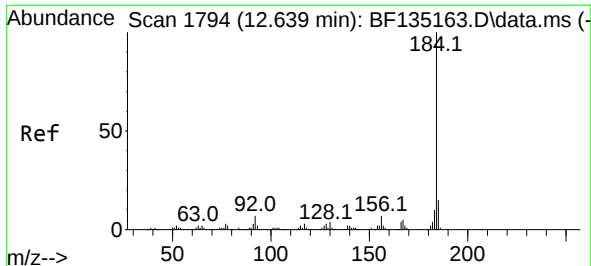
Tgt Ion:248 Resp: 19828  
Ion Ratio Lower Upper  
248 100  
250 193.9 78.6 117.8#  
141 499.5 54.2 81.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

Tgt Ion:240 Resp: 350466  
Ion Ratio Lower Upper  
240 100  
120 9.9 9.4 14.2  
236 26.2 19.8 29.8

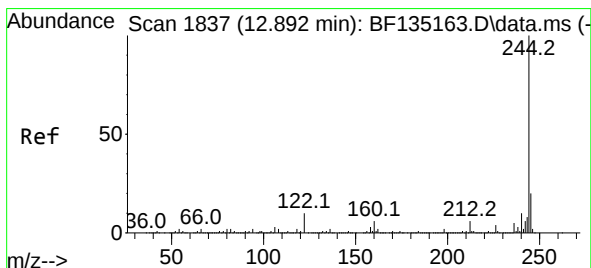
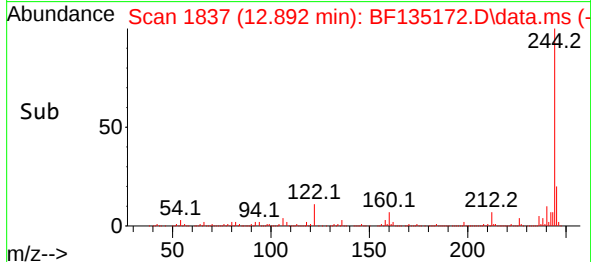
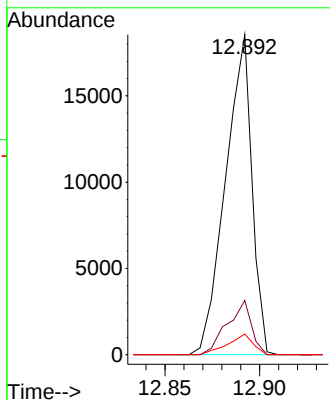
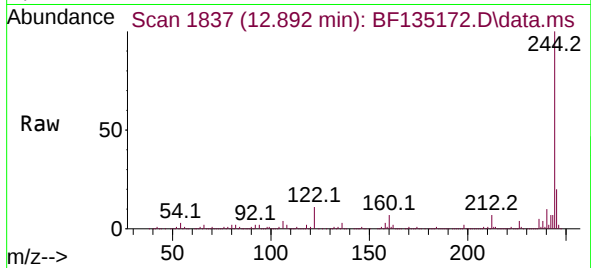




#77  
Benzidine  
Concen: 2.499 ng  
RT: 12.892 min Scan# 1837  
Delta R.T. 0.253 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

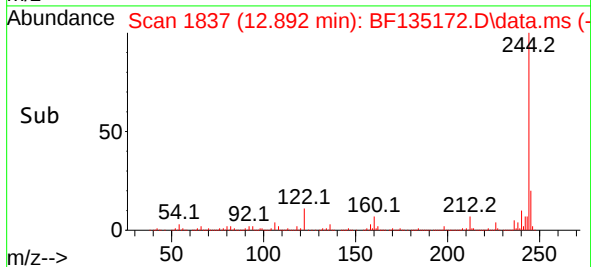
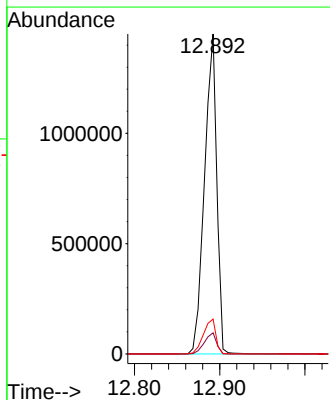
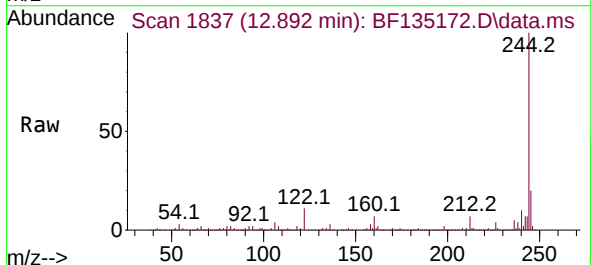
Instrument :  
BNA\_F  
ClientSampleId :

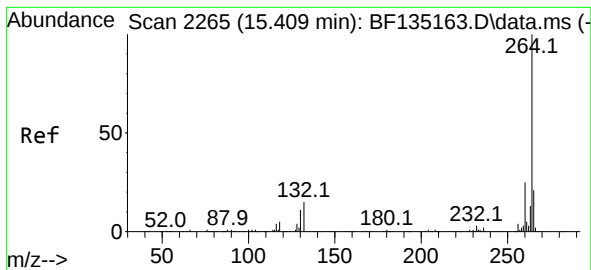
Tgt Ion:184 Resp: 17945  
Ion Ratio Lower Upper  
184 100  
185 17.0 11.7 17.5  
183 6.4 8.2 12.4#



#79  
Terphenyl-d14  
Concen: 63.841 ng  
RT: 12.892 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: BF135172.D  
Acq: 12 Sep 2023 09:56

Tgt Ion:244 Resp: 1443315  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.1 7.7  
122 10.9 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.006 min

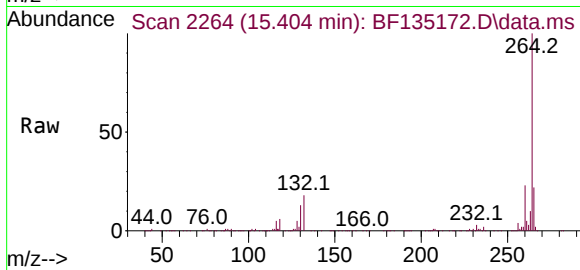
Lab File: BF135172.D

Acq: 12 Sep 2023 09:56

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:264 Resp: 302050

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 21.7 17.0 25.4

