

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091422\  
 Data File : BF130240.D  
 Acq On : 14 Sep 2022 15:20  
 Operator : CG\JU  
 Sample : PB147612BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147612BL

Quant Time: Sep 14 16:04:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 14 14:55:51 2022  
 Response via : Initial Calibration

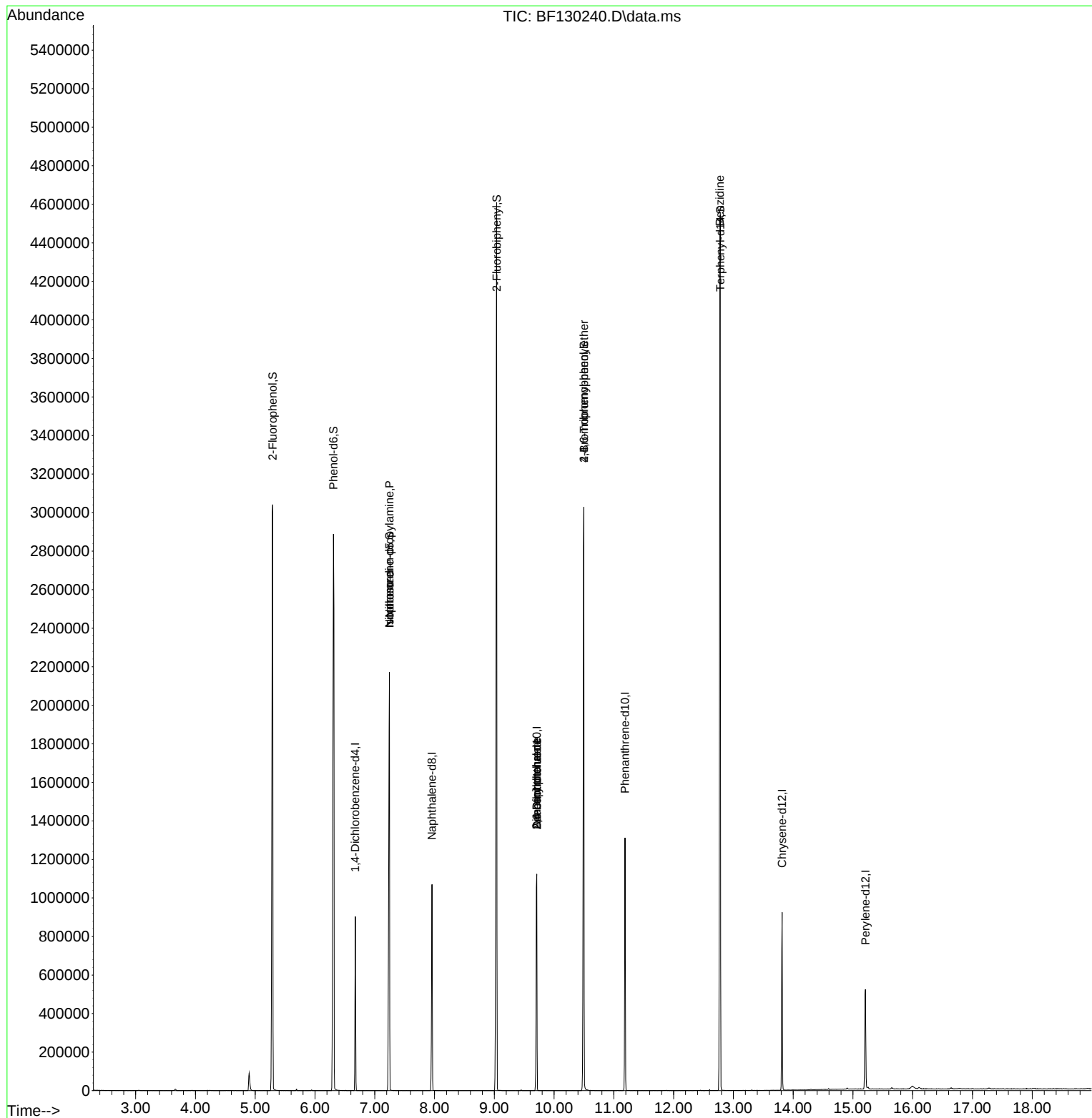
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.675  | 152  | 110991   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.957  | 136  | 443028   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.710  | 164  | 234010   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.186 | 188  | 404230   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.815 | 240  | 285873   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.209 | 264  | 215993   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.292  | 112  | 952905   | 148.911 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.310  | 99   | 1191005  | 148.749 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.245  | 82   | 787437   | 90.805  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.498 | 330  | 359009   | 160.110 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.039  | 172  | 1431473  | 89.077  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.780 | 244  | 1605726  | 93.044  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 108939   | 20.163  | ng    | # 74     |
| 25) Isophorone                | 7.245  | 82   | 786194   | 56.250  | ng    | # 66     |
| 50) Dimethylphthalate         | 9.710  | 163  | 43525    | 2.693   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 30190    | 8.930   | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 9.710  | 165  | 30190    | 6.988   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.498 | 248  | 22975    | 5.152   | ng    | # 1      |
| 77) Benzidine                 | 12.774 | 184  | 25481    | 3.071   | ng    | # 92     |
| -----                         |        |      |          |         |       |          |

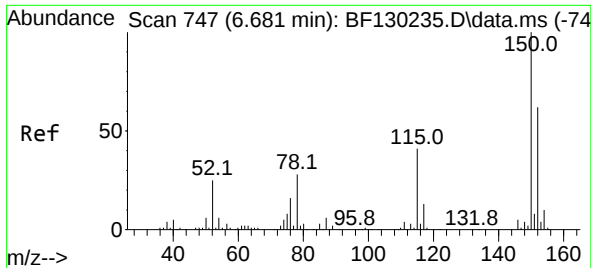
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091422\  
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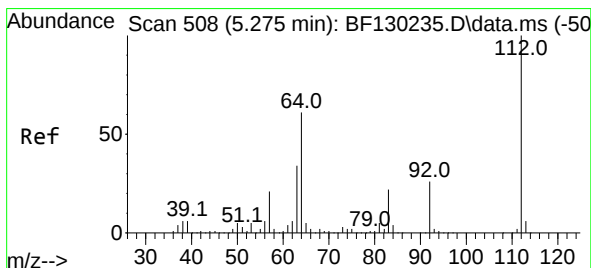
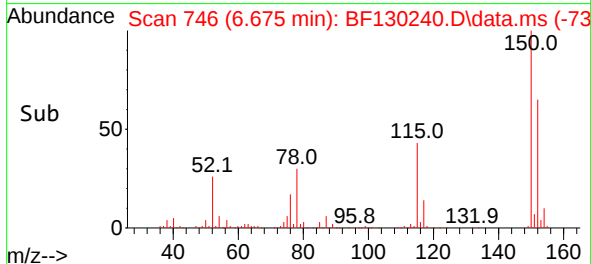
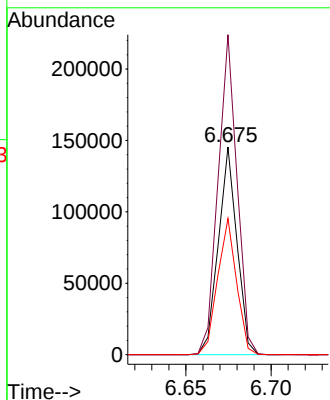
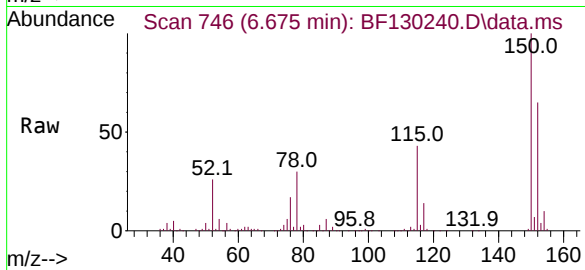




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.675 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

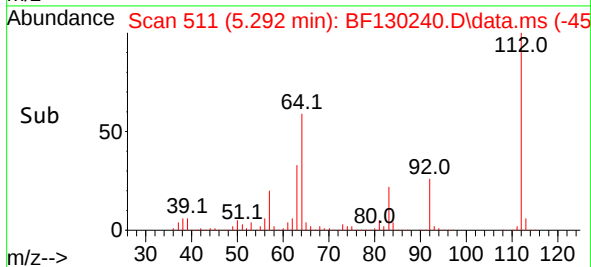
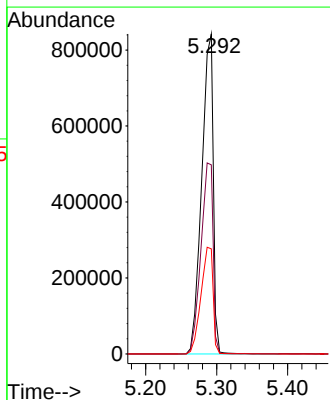
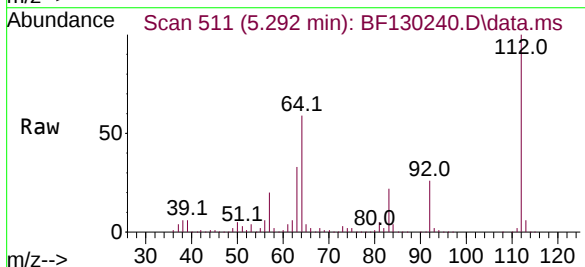
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BNA\_F  
ClientSampleId :  
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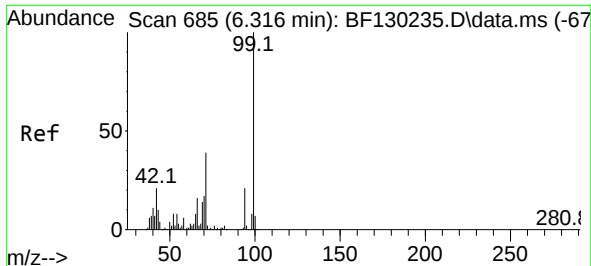
Tgt Ion:152 Resp: 110991  
Ion Ratio Lower Upper  
152 100  
150 154.0 122.8 184.2  
115 65.5 53.8 80.8



#5  
2-Fluorophenol  
Concen: 148.911 ng  
RT: 5.292 min Scan# 511  
Delta R.T. 0.018 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

Tgt Ion:112 Resp: 952905  
Ion Ratio Lower Upper  
112 100  
64 59.1 51.4 77.0  
63 32.8 28.8 43.2

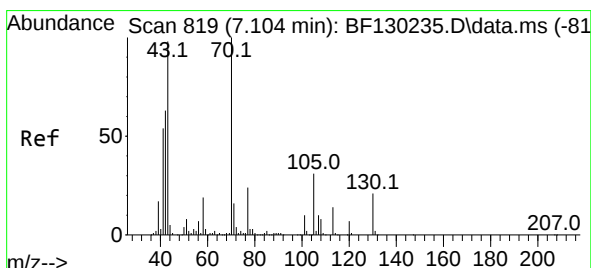
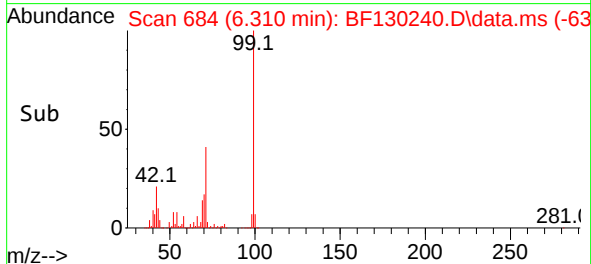
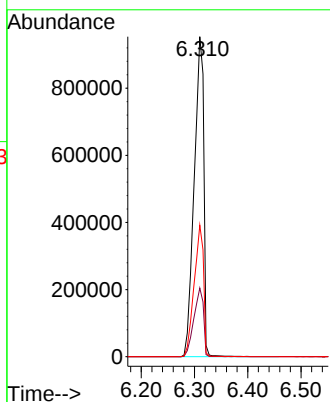
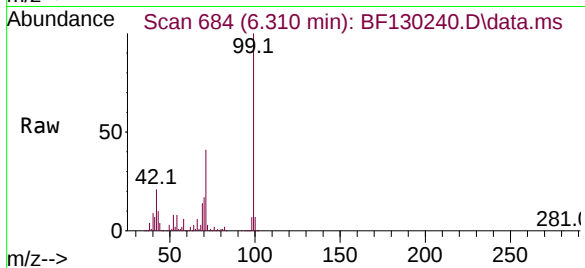




#7  
Phenol-d6  
Concen: 148.749 ng  
RT: 6.310 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

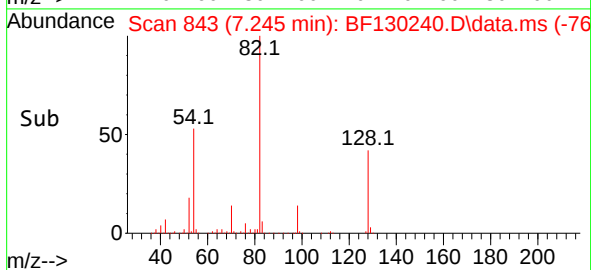
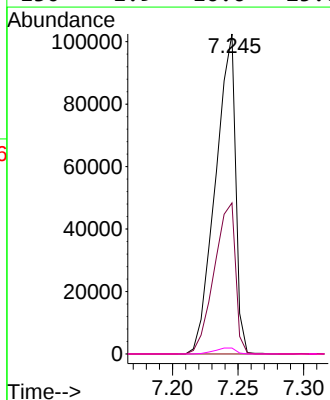
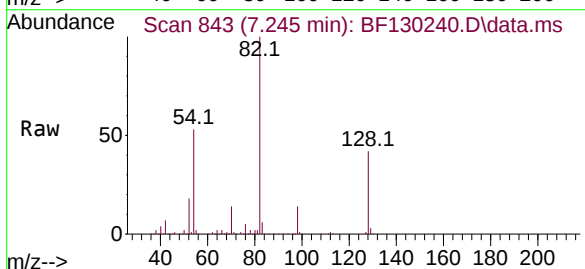
Instrument :  
BNA\_F  
ClientSampleId :  
PB147612BL

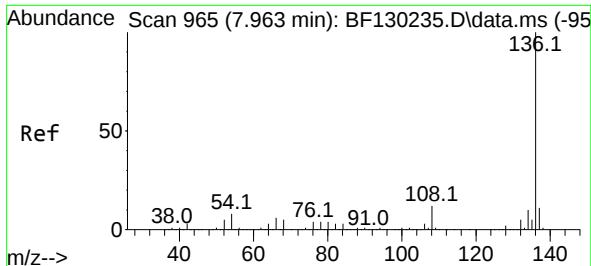
Tgt Ion: 99 Resp: 1191005  
Ion Ratio Lower Upper  
99 100  
42 21.5 17.0 25.6  
71 41.1 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.163 ng  
RT: 7.245 min Scan# 843  
Delta R.T. 0.141 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

Tgt Ion: 70 Resp: 108939  
Ion Ratio Lower Upper  
70 100  
42 47.2 50.8 76.2#  
101 0.0 8.2 12.4#  
130 1.9 16.6 25.0#

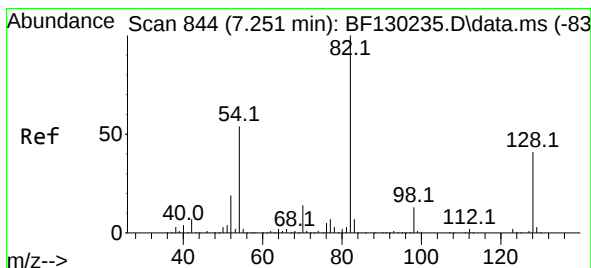
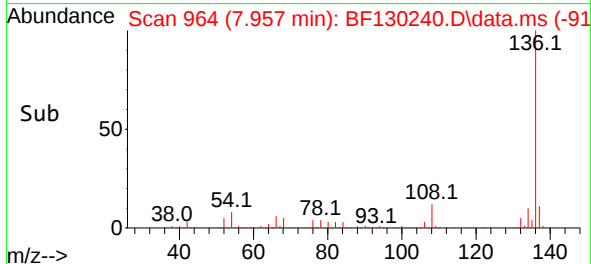
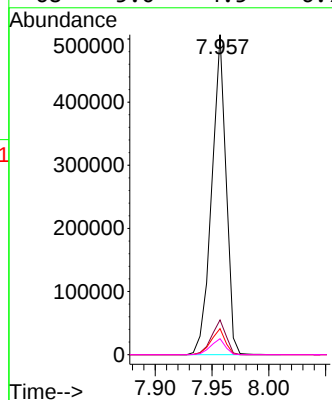
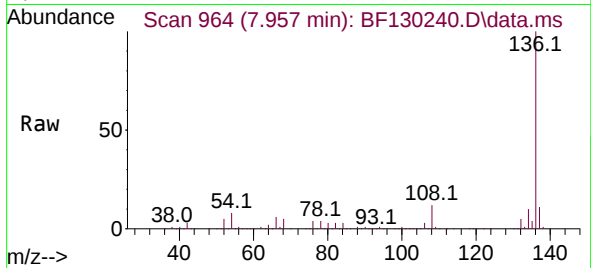




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.957 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

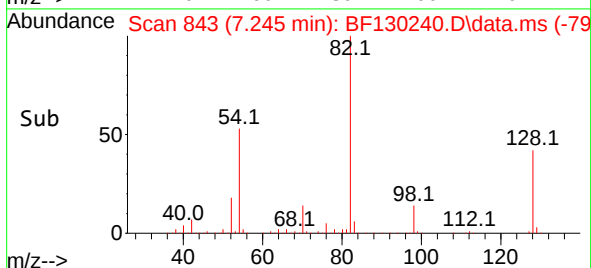
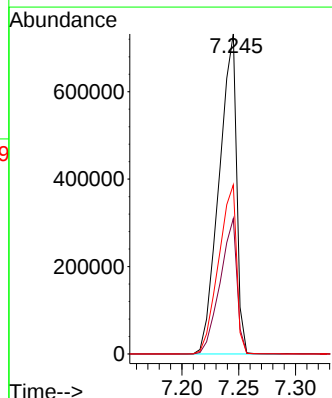
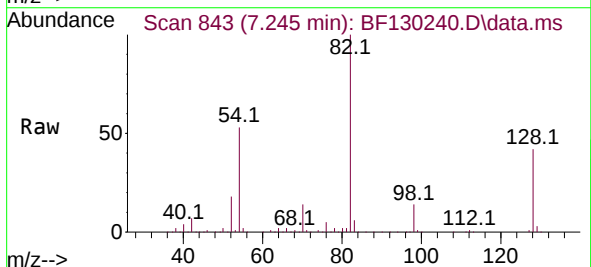
Instrument :  
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ClientSampleId :  
PB147612BL

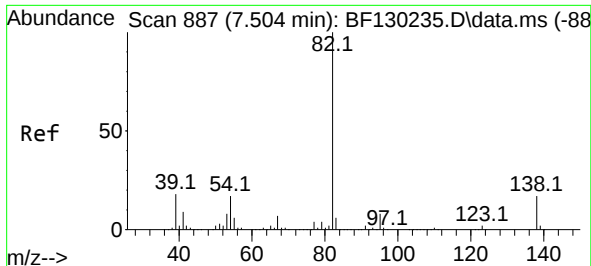
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 443028 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.9    | 9.1 13.7     |
| 54 8.2      | 7.1 10.7     |
| 68 5.0      | 4.5 6.7      |



#23  
Nitrobenzene-d5  
Concen: 90.805 ng  
RT: 7.245 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 787437 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 42.3    | 32.6 49.0    |
| 54 52.8     | 43.8 65.6    |

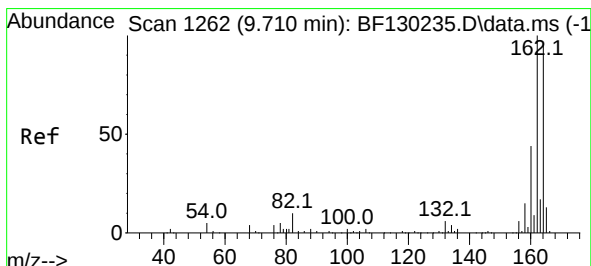
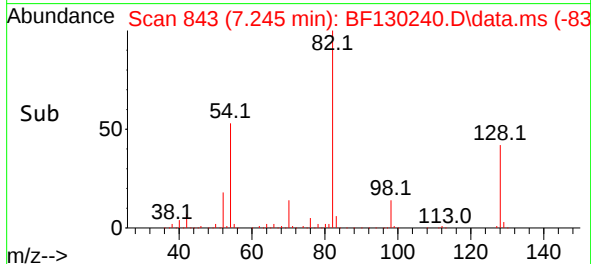
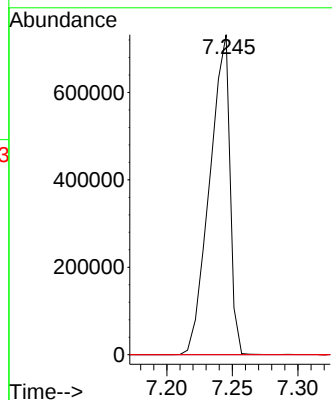
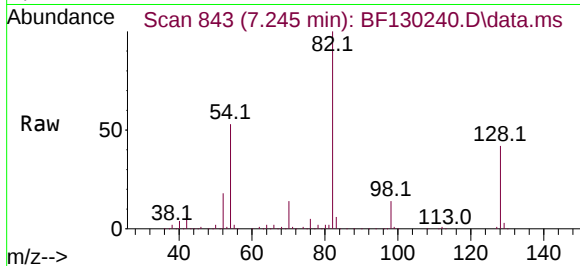




#25  
Isophorone  
Concen: 56.250 ng  
RT: 7.245 min Scan# 84  
Delta R.T. -0.259 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

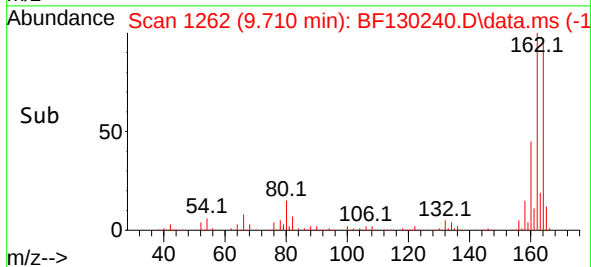
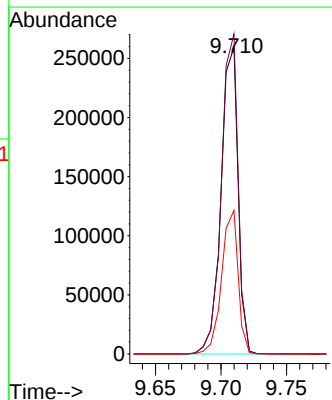
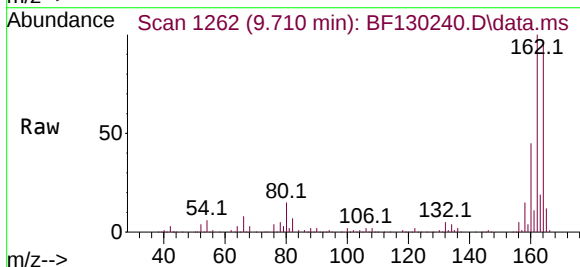
Instrument :  
BNA\_F  
ClientSampleId :  
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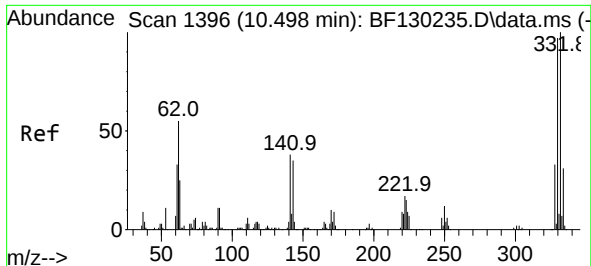
Tgt Ion: 82 Resp: 786194  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.8 20.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.710 min Scan# 1262  
Delta R.T. -0.000 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

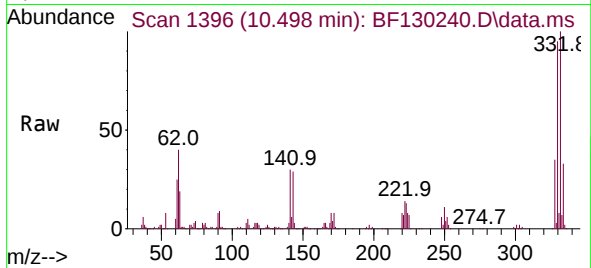
Tgt Ion:164 Resp: 234010  
Ion Ratio Lower Upper  
164 100  
162 104.3 81.4 122.0  
160 46.8 36.2 54.4



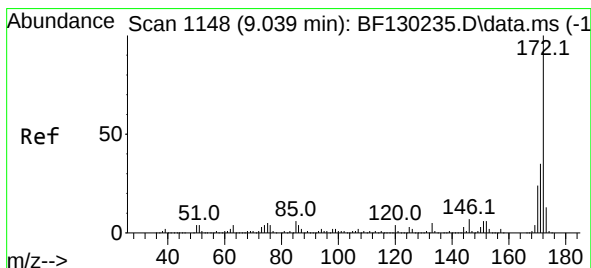
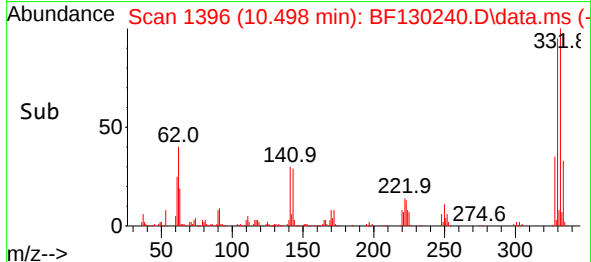
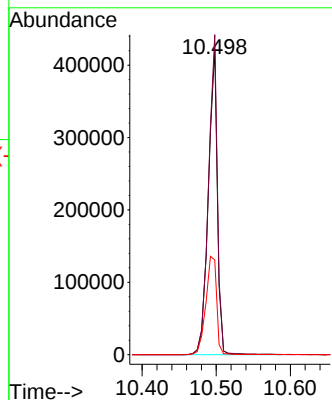


#42  
2,4,6-Tribromophenol  
Concen: 160.110 ng  
RT: 10.498 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB147612BL

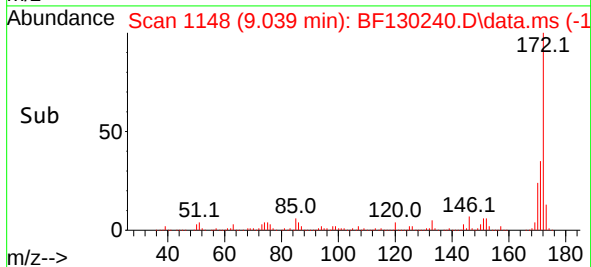
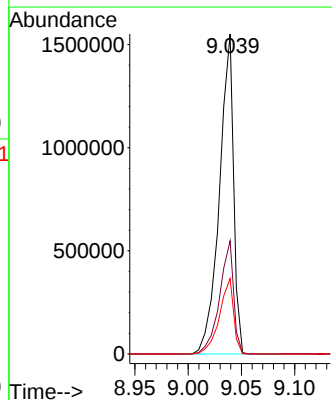
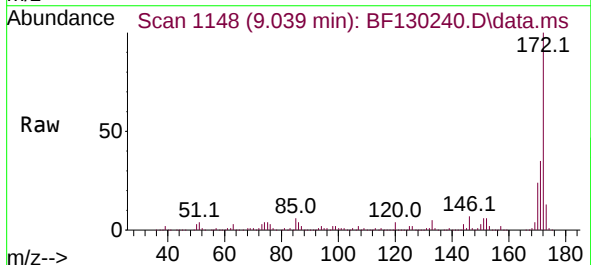


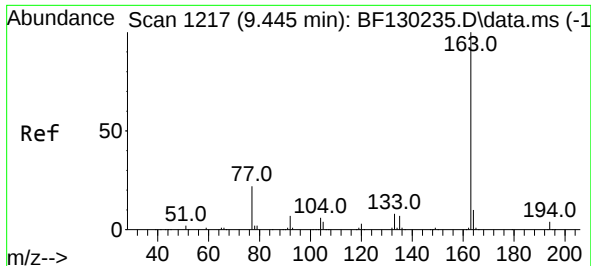
Tgt Ion:330 Resp: 359009  
Ion Ratio Lower Upper  
330 100  
332 104.0 83.4 125.2  
141 38.3 34.0 51.0



#45  
2-Fluorobiphenyl  
Concen: 89.077 ng  
RT: 9.039 min Scan# 1148  
Delta R.T. 0.000 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

Tgt Ion:172 Resp: 1431473  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.3 42.5  
170 23.5 18.7 28.1

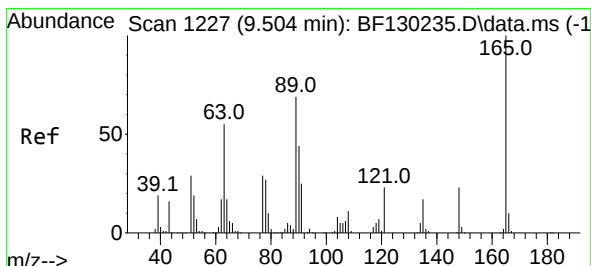
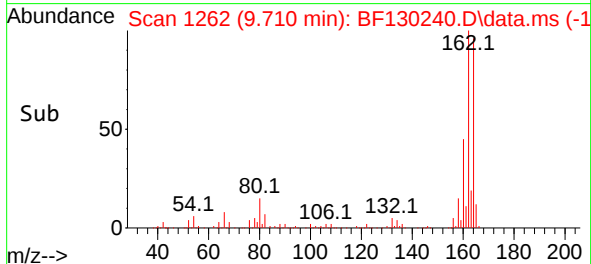
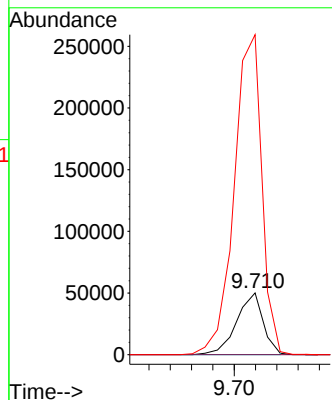
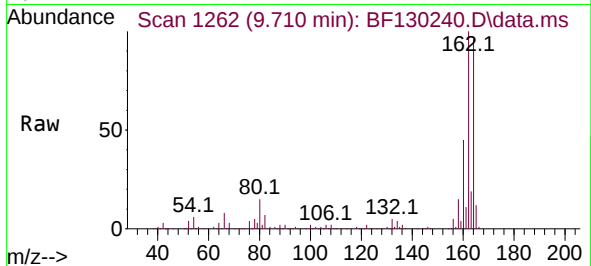




#50  
Dimethylphthalate  
Concen: 2.693 ng  
RT: 9.710 min Scan# 11  
Delta R.T. 0.265 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

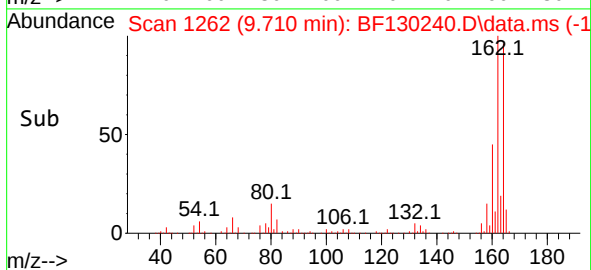
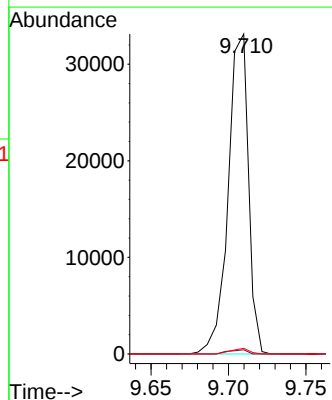
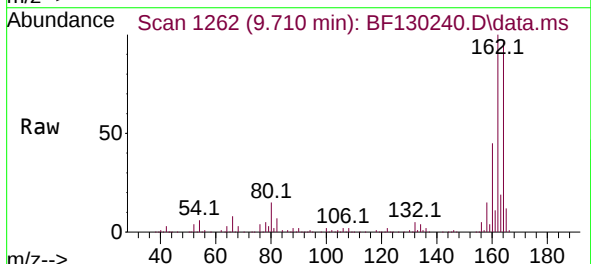
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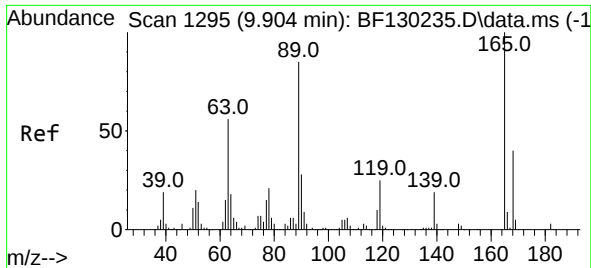
Tgt Ion:163 Resp: 43525  
Ion Ratio Lower Upper  
163 100  
194 0.0 2.8 4.2#  
164 517.5 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 8.930 ng  
RT: 9.710 min Scan# 1262  
Delta R.T. 0.206 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

Tgt Ion:165 Resp: 30190  
Ion Ratio Lower Upper  
165 100  
63 1.3 58.8 88.2#  
89 1.8 54.5 81.7#

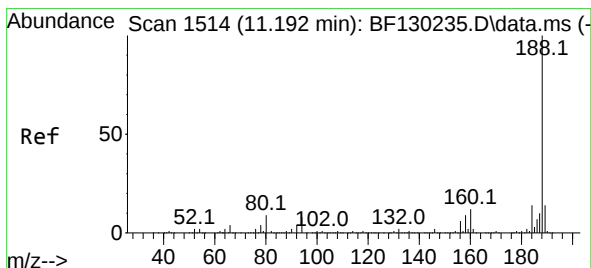
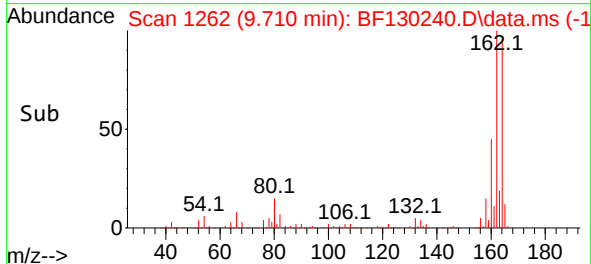
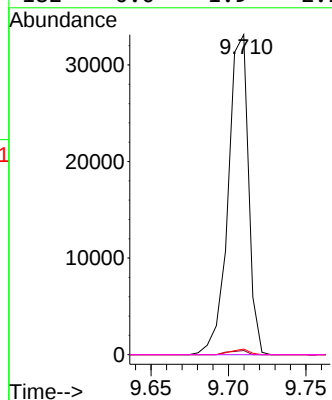
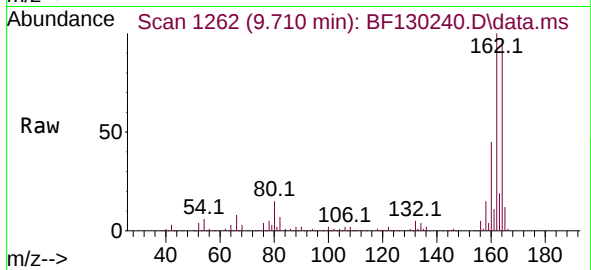




#57  
2,4-Dinitrotoluene  
Concen: 6.988 ng  
RT: 9.710 min Scan# 11  
Delta R.T. -0.194 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

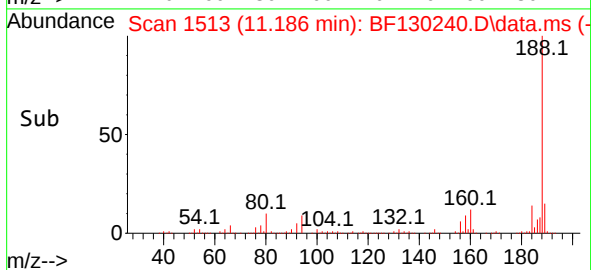
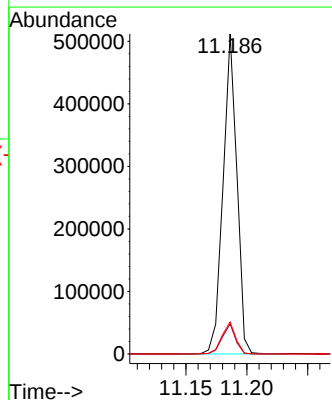
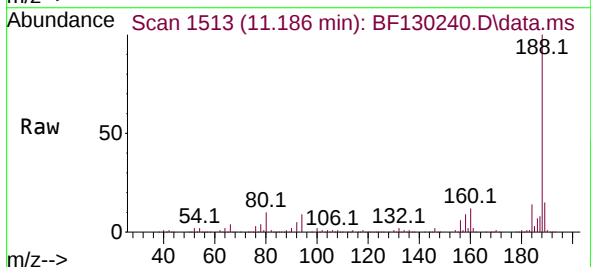
Instrument :  
BNA\_F  
ClientSampleId :  
PB147612BL

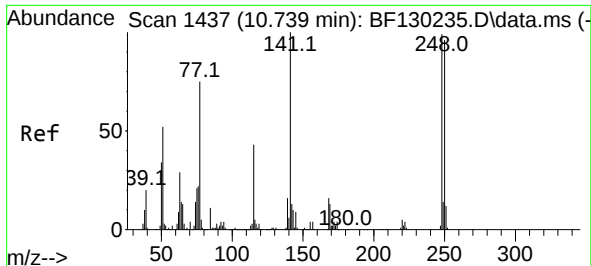
Tgt Ion:165 Resp: 30190  
Ion Ratio Lower Upper  
165 100  
63 1.3 44.7 67.1#  
89 1.8 69.0 103.4#  
182 0.0 1.9 2.9#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.186 min Scan# 1513  
Delta R.T. -0.006 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

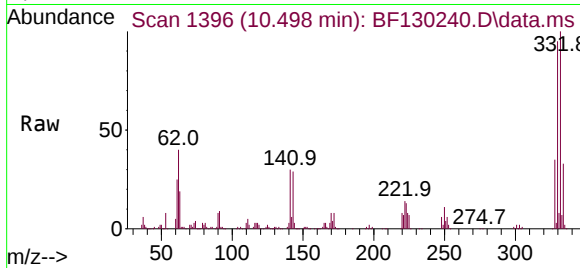
Tgt Ion:188 Resp: 404230  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.4 11.2  
80 10.0 7.9 11.9



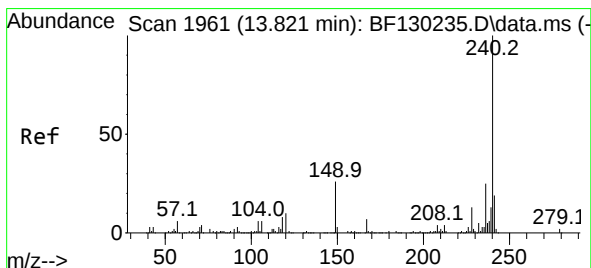
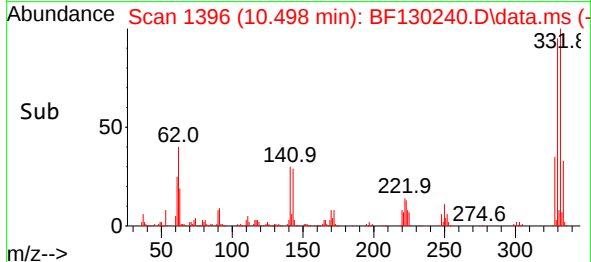
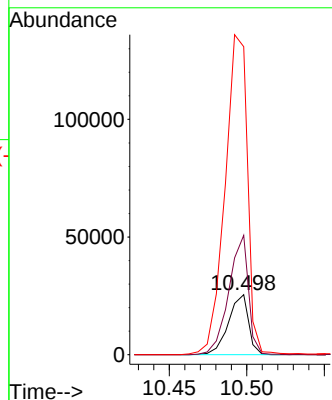


#67  
4-Bromophenyl-phenylether  
Concen: 5.152 ng  
RT: 10.498 min Scan# 11  
Delta R.T. -0.241 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB147612BL

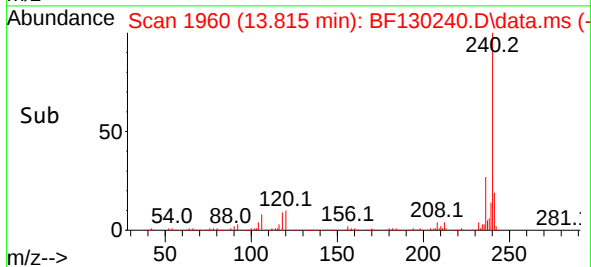
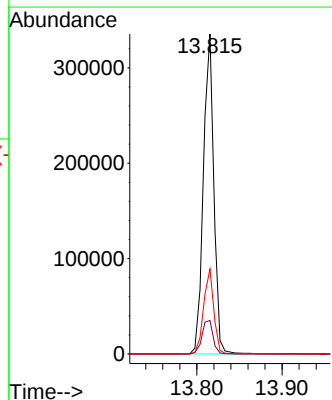
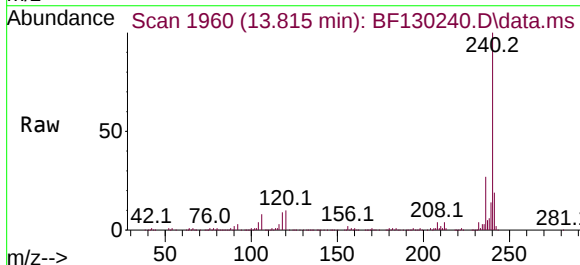


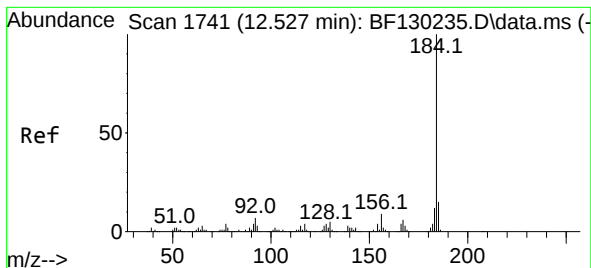
Tgt Ion:248 Resp: 22975  
Ion Ratio Lower Upper  
248 100  
250 198.9 80.0 120.0#  
141 513.1 68.5 102.7#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.815 min Scan# 1960  
Delta R.T. -0.006 min  
Lab File: BF130240.D  
Acq: 14 Sep 2022 15:20

Tgt Ion:240 Resp: 285873  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.7 13.1  
236 26.6 20.9 31.3





#77

Benzidine

Concen: 3.071 ng

RT: 12.774 min Scan# 1

Delta R.T. 0.247 min

Lab File: BF130240.D

Acq: 14 Sep 2022 15:20

Instrument :

BNA\_F

ClientSampleId :

PB147612BL

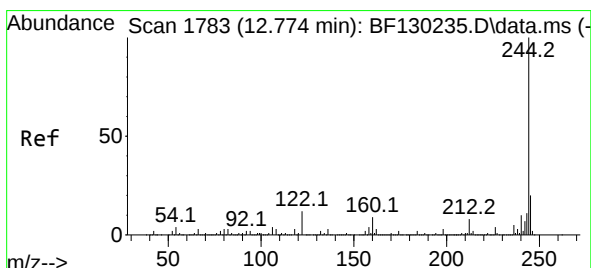
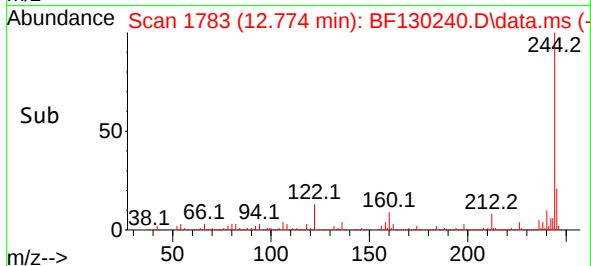
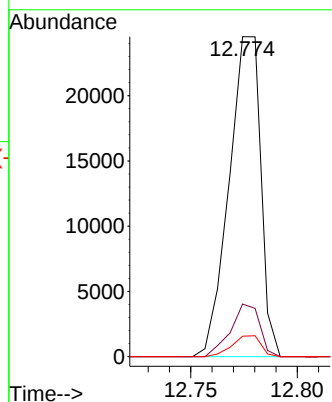
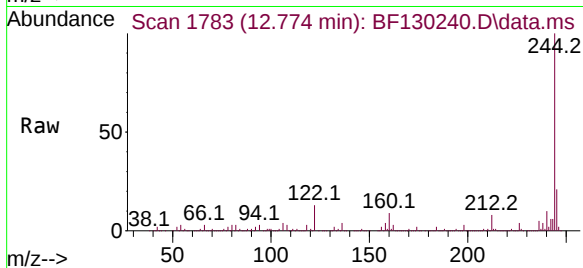
Tgt Ion:184 Resp: 25481

Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.6

183 6.4 9.1 13.7#



#79

Terphenyl-d14

Concen: 93.044 ng

RT: 12.780 min Scan# 1784

Delta R.T. 0.006 min

Lab File: BF130240.D

Acq: 14 Sep 2022 15:20

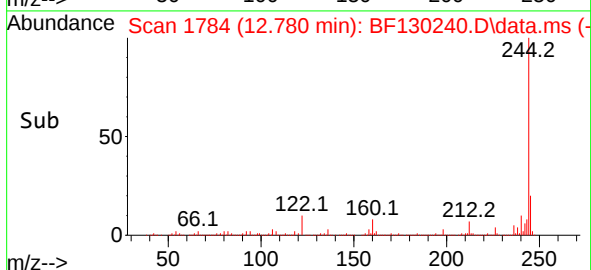
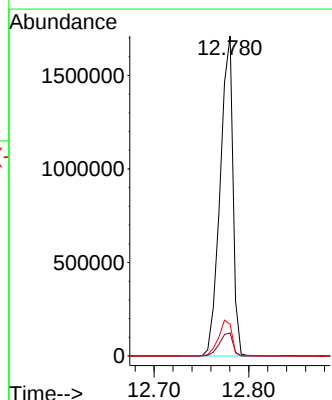
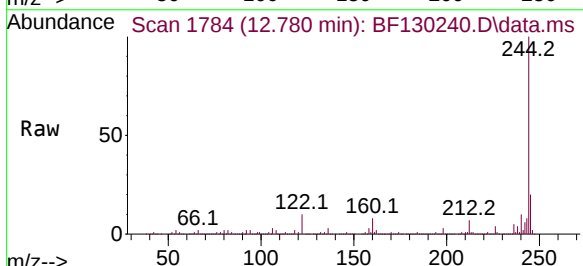
Tgt Ion:244 Resp: 1605726

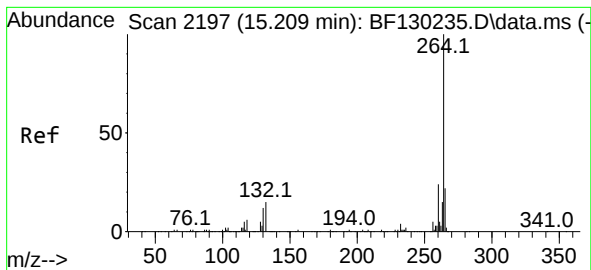
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.9 8.5 12.7





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.209 min Scan# 2197  
 Delta R.T. 0.000 min  
 Lab File: BF130240.D  
 Acq: 14 Sep 2022 15:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147612BL

Tgt Ion:264 Resp: 215993  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.3 28.9  
 265 20.9 17.0 25.4

