

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010923\  
 Data File : BF131968.D  
 Acq On : 09 Jan 2023 17:52  
 Operator : CG\JU  
 Sample : 01043-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-203

Quant Time: Jan 10 03:12:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF010923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 10 00:32:25 2023  
 Response via : Initial Calibration

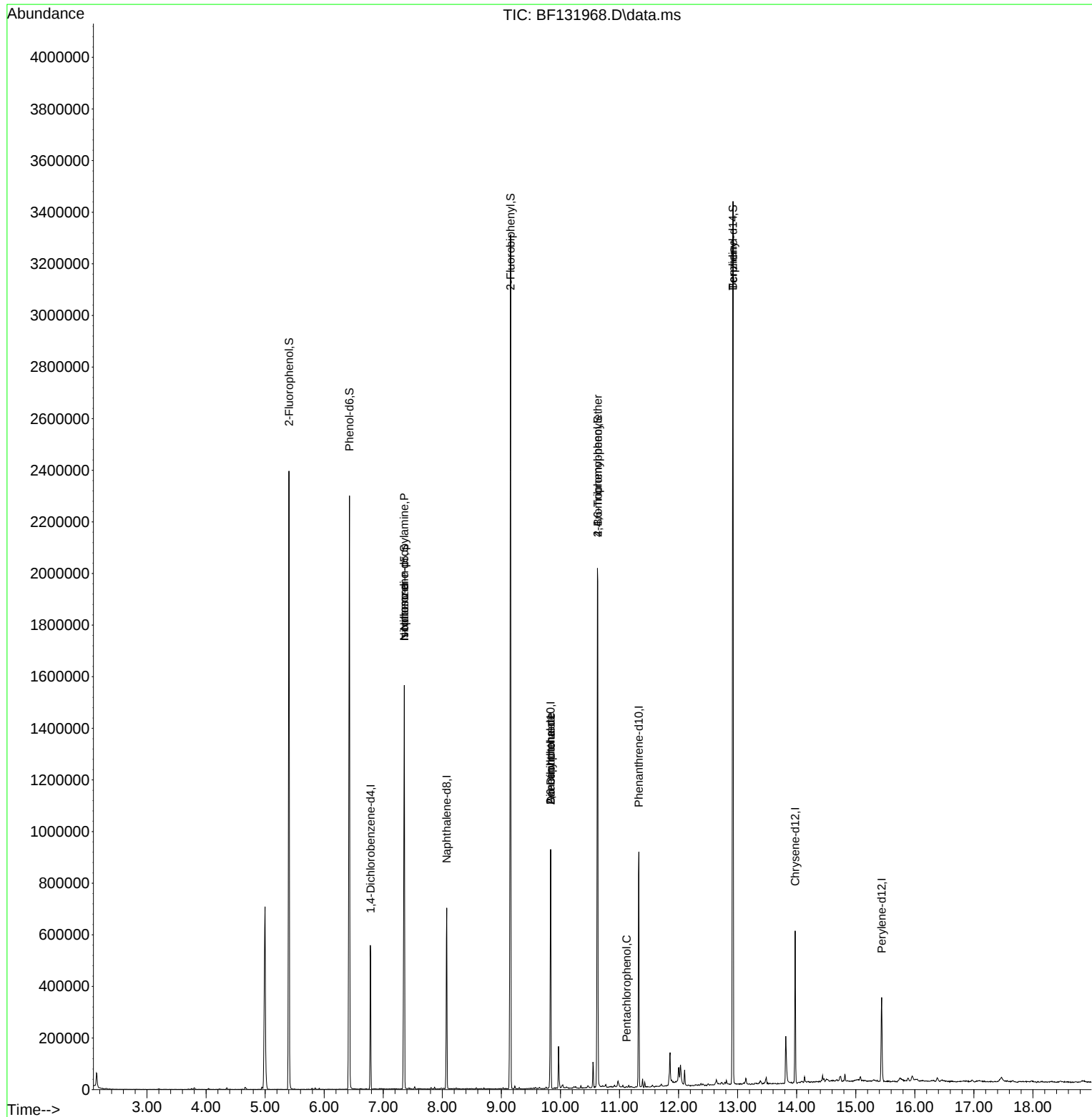
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.786  | 152  | 78702    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 288729   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.833  | 164  | 172862   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.327 | 188  | 332850   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 175984   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.439 | 264  | 143131   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 612866   | 128.316 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.428  | 99   | 785896   | 124.101 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 567802   | 81.619  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 249738   | 125.652 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.157  | 172  | 985194   | 76.938  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.921 | 244  | 1113441  | 90.682  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.357  | 70   | 79809    | 17.422  | ng    | # 80     |
| 25) Isophorone                | 7.357  | 82   | 557999   | 42.935  | ng    | # 69     |
| 50) Dimethylphthalate         | 9.833  | 163  | 36014    | 2.673   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.833  | 165  | 22871    | 8.070   | ng    | # 22     |
| 67) 4-Bromophenyl-phenylether | 10.633 | 248  | 17164    | 4.122   | ng    | # 1      |
| 70) Pentachlorophenol         | 11.121 | 266  | 356      | 4.508   | ng    | # 31     |
| 77) Benzidine                 | 12.921 | 184  | 17941    | 3.069   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

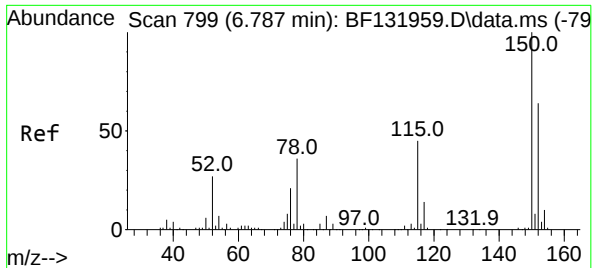
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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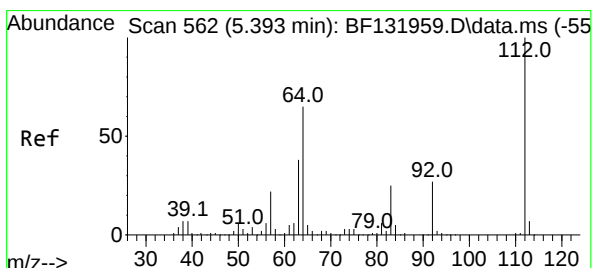
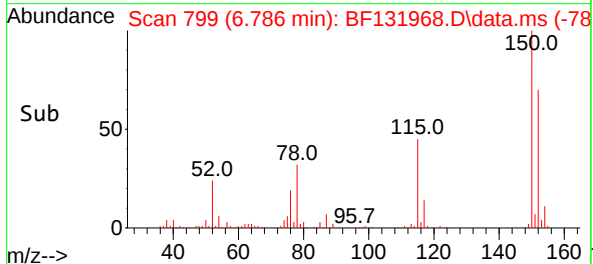
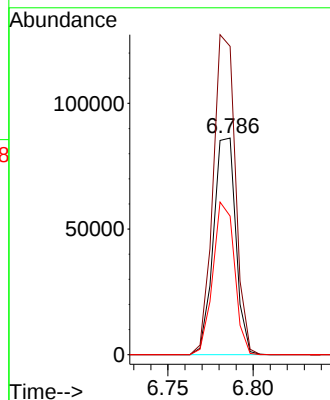
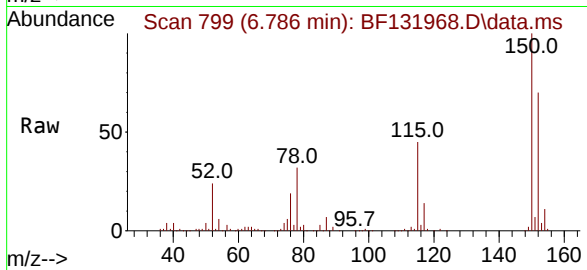




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.786 min Scan# 799  
Delta R.T. -0.001 min  
Lab File: BF131968.D  
Acq: 09 Jan 2023 17:52

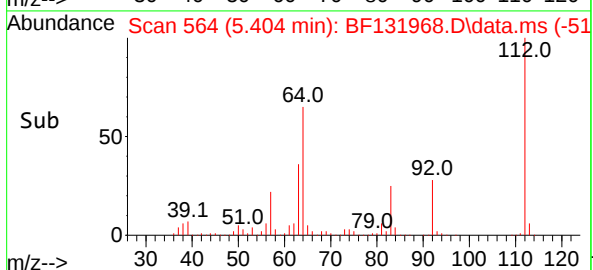
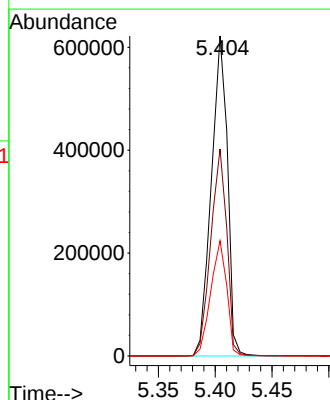
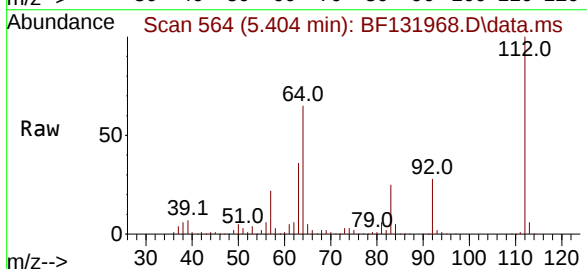
Instrument :  
BNA\_F  
ClientSampleId :  
TP-203

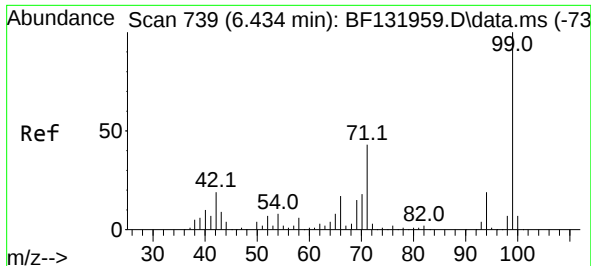
Tgt Ion:152 Resp: 78702  
Ion Ratio Lower Upper  
152 100  
150 142.3 124.6 186.8  
115 64.0 55.6 83.4



#5  
2-Fluorophenol  
Concen: 128.316 ng  
RT: 5.404 min Scan# 564  
Delta R.T. 0.011 min  
Lab File: BF131968.D  
Acq: 09 Jan 2023 17:52

Tgt Ion:112 Resp: 612866  
Ion Ratio Lower Upper  
112 100  
64 64.7 51.9 77.9  
63 36.0 30.2 45.2

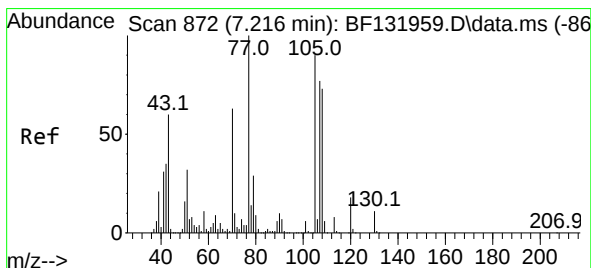
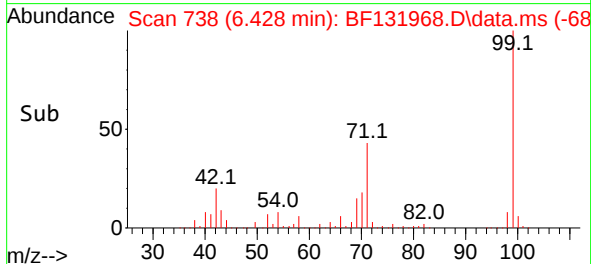
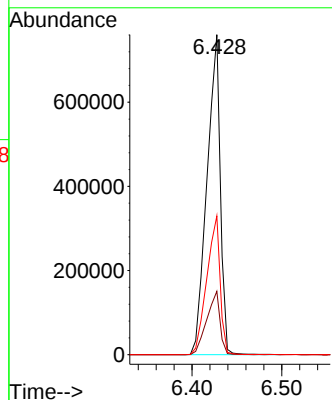
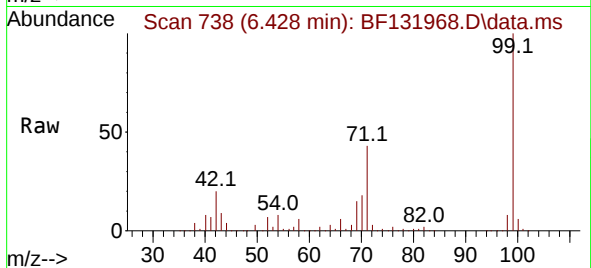




#7  
Phenol-d6  
Concen: 124.101 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF131968.D  
Acq: 09 Jan 2023 17:52

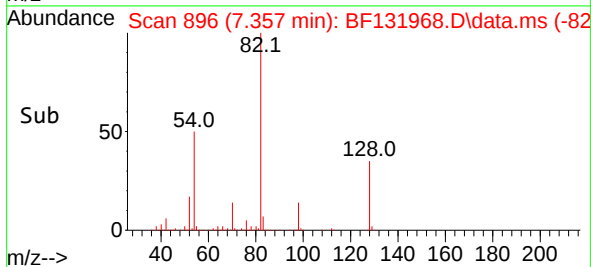
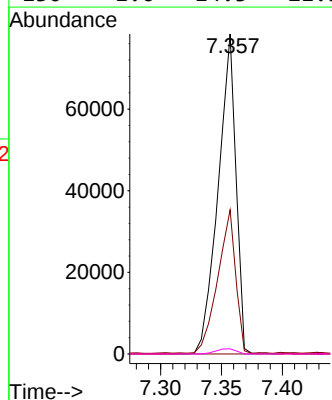
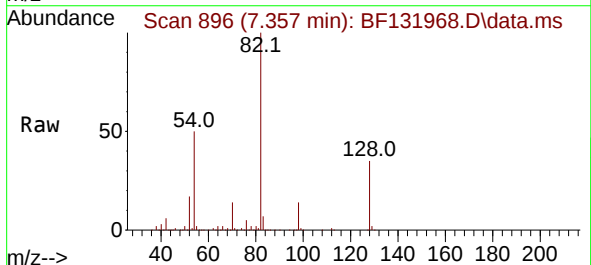
Instrument :  
BNA\_F  
ClientSampleId :  
TP-203

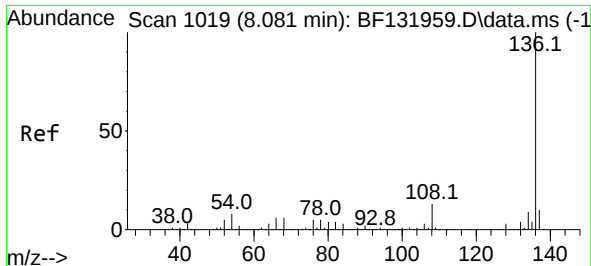
Tgt Ion: 99 Resp: 785896  
Ion Ratio Lower Upper  
99 100  
42 19.8 15.4 23.2  
71 43.4 34.6 51.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.422 ng  
RT: 7.357 min Scan# 896  
Delta R.T. 0.141 min  
Lab File: BF131968.D  
Acq: 09 Jan 2023 17:52

Tgt Ion: 70 Resp: 79809  
Ion Ratio Lower Upper  
70 100  
42 45.1 44.3 66.5  
101 0.0 7.5 11.3#  
130 1.6 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF131968.D

Acq: 09 Jan 2023 17:52

Instrument :

BNA\_F

ClientSampleId :

TP-203

Tgt Ion:136 Resp: 288729

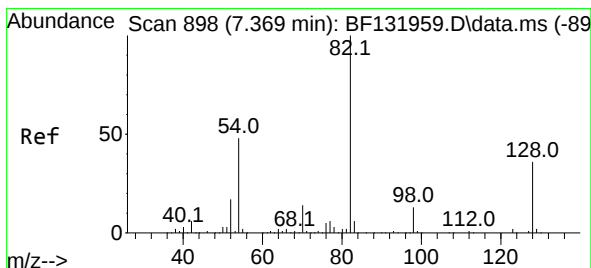
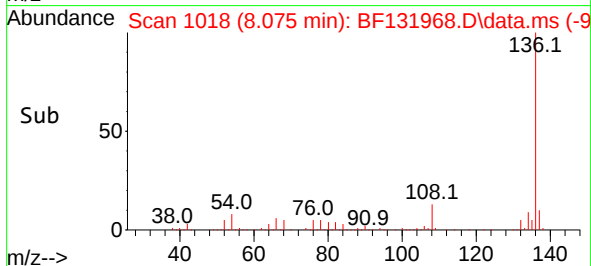
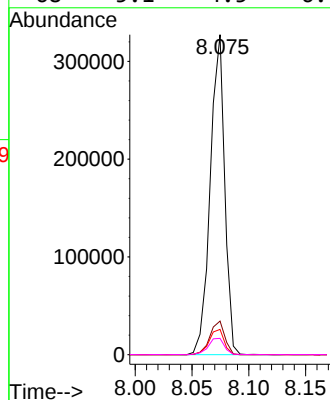
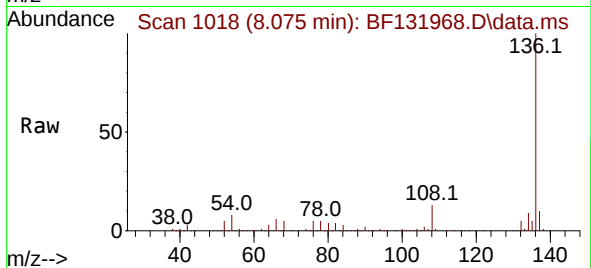
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.2

54 7.9 6.6 9.8

68 5.1 4.5 6.7



#23

Nitrobenzene-d5

Concen: 81.619 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF131968.D

Acq: 09 Jan 2023 17:52

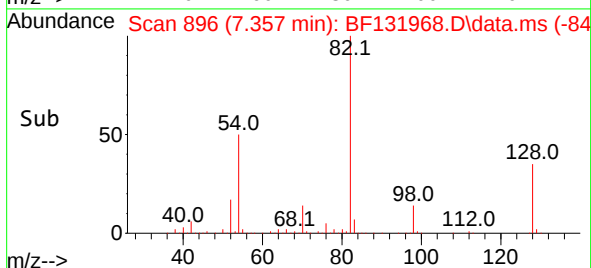
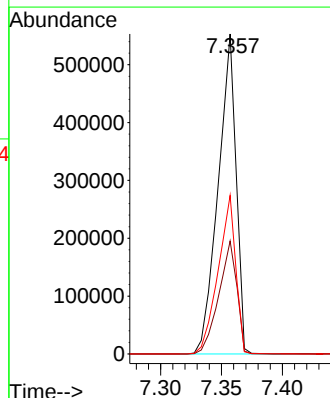
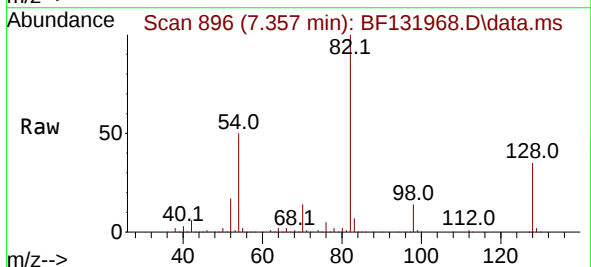
Tgt Ion: 82 Resp: 567802

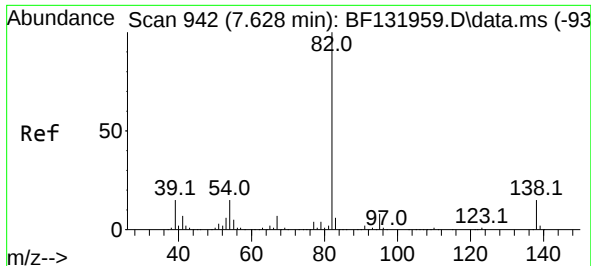
Ion Ratio Lower Upper

82 100

128 35.3 28.7 43.1

54 49.6 38.1 57.1

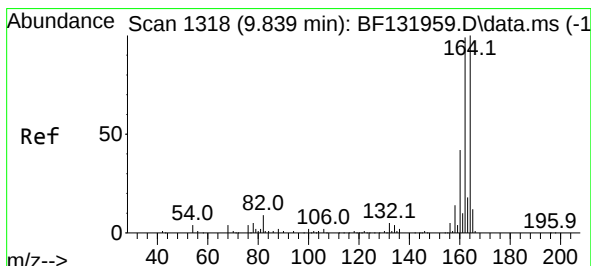
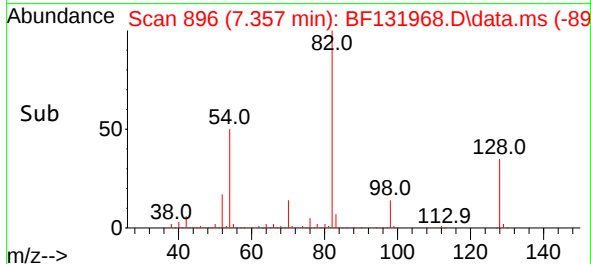
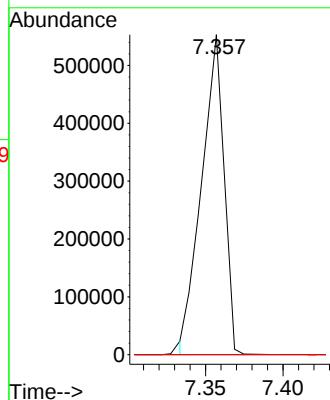
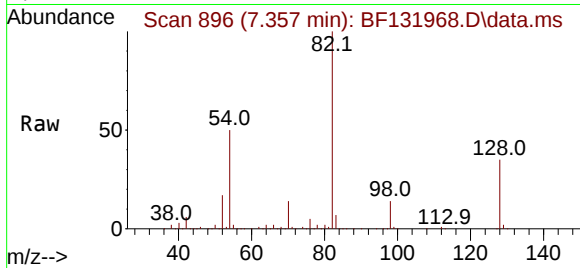




#25  
Isophorone  
Concen: 42.935 ng  
RT: 7.357 min Scan# 89  
Delta R.T. -0.271 min  
Lab File: BF131968.D  
Acq: 09 Jan 2023 17:52

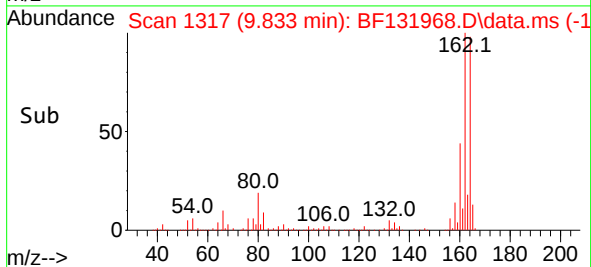
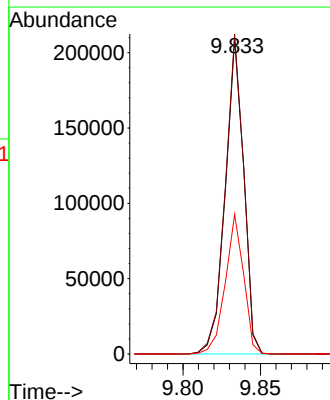
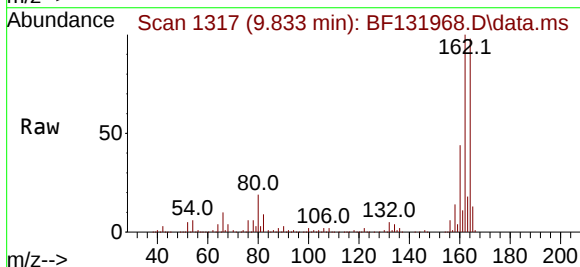
Instrument :  
BNA\_F  
ClientSampleId :  
TP-203

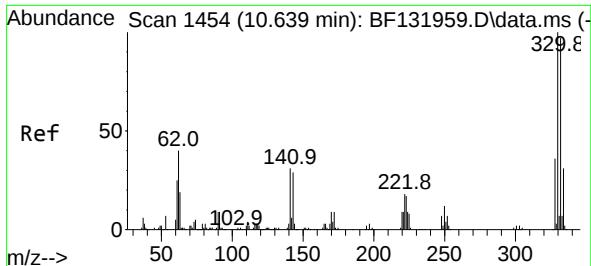
Tgt Ion: 82 Resp: 557999  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 11.9 17.9#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF131968.D  
Acq: 09 Jan 2023 17:52

Tgt Ion:164 Resp: 172862  
Ion Ratio Lower Upper  
164 100  
162 101.6 79.4 119.0  
160 44.4 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 125.652 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF131968.D

Acq: 09 Jan 2023 17:52

Instrument :

BNA\_F

ClientSampleId :

TP-203

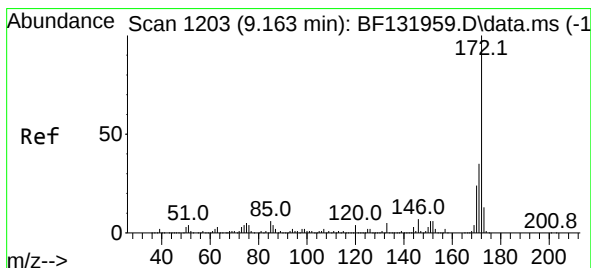
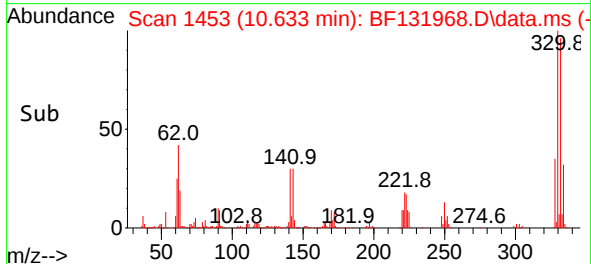
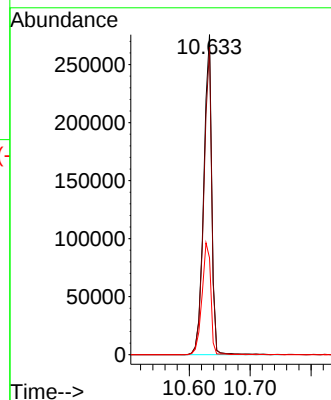
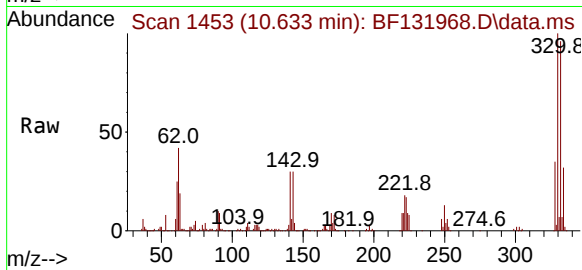
Tgt Ion:330 Resp: 249738

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

141 38.4 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 76.938 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF131968.D

Acq: 09 Jan 2023 17:52

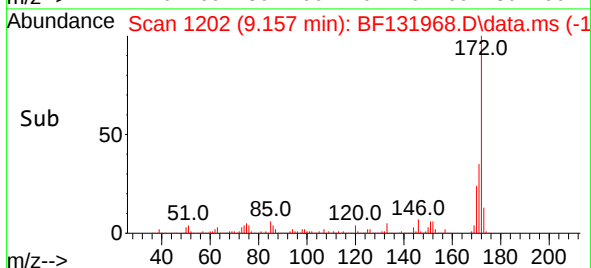
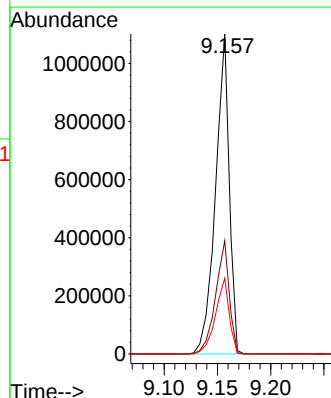
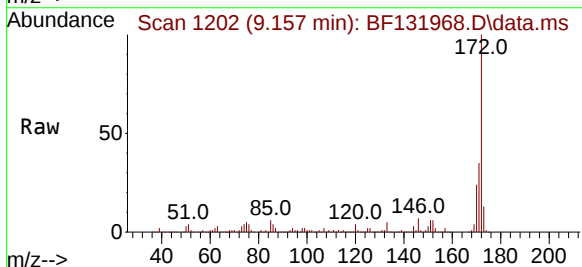
Tgt Ion:172 Resp: 985194

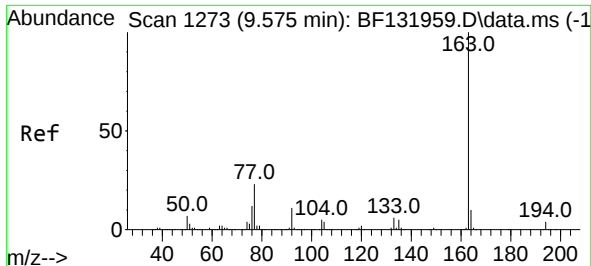
Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 23.7 18.9 28.3

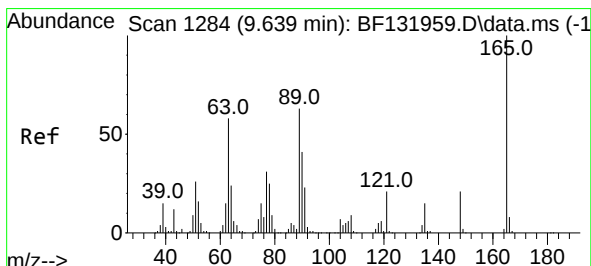
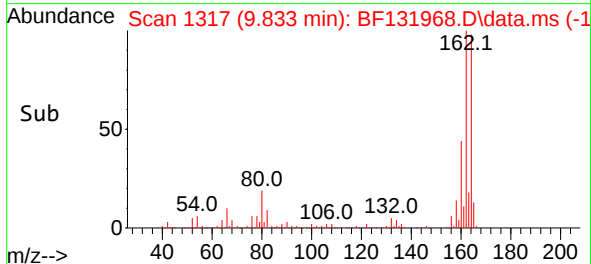
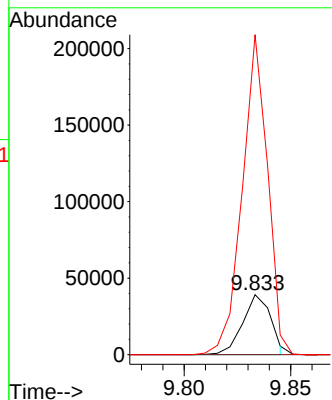
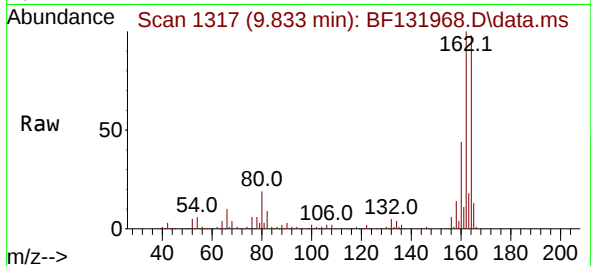




#50  
Dimethylphthalate  
Concen: 2.673 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. 0.259 min  
Lab File: BF131968.D  
Acq: 09 Jan 2023 17:52

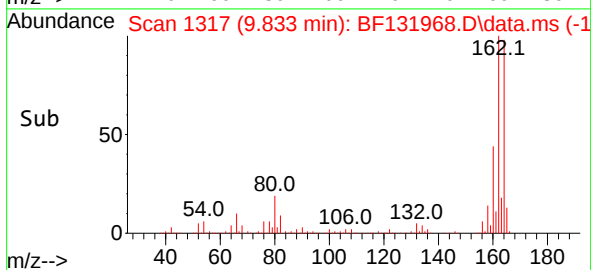
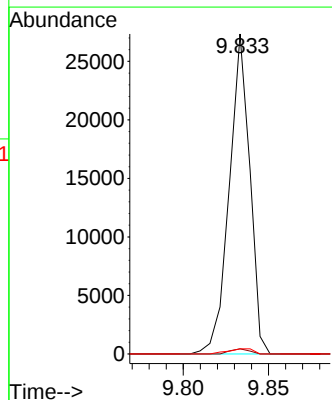
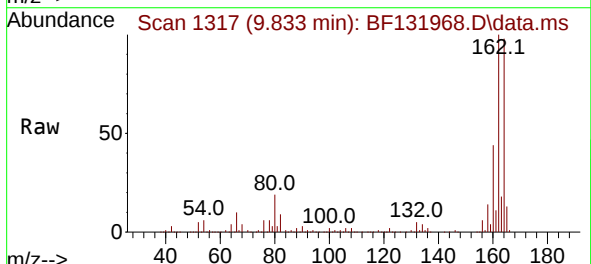
Instrument :  
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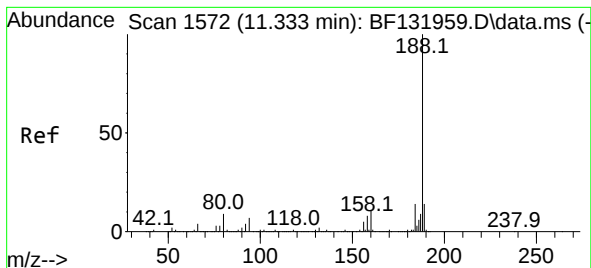
Tgt Ion:163 Resp: 36014  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.1 4.7#  
164 533.7 7.8 11.6#



#51  
2,6-Dinitrotoluene  
Concen: 8.070 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. 0.194 min  
Lab File: BF131968.D  
Acq: 09 Jan 2023 17:52

Tgt Ion:165 Resp: 22871  
Ion Ratio Lower Upper  
165 100  
63 1.6 47.4 71.0#  
89 1.6 50.2 75.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131968.D

Acq: 09 Jan 2023 17:52

Instrument :

BNA\_F

ClientSampleId :

TP-203

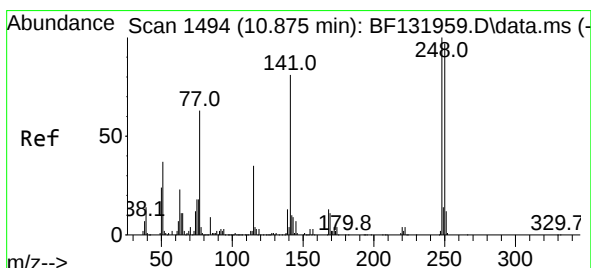
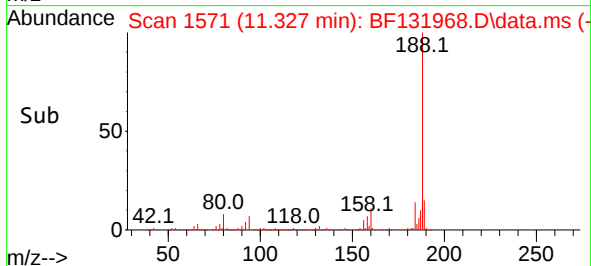
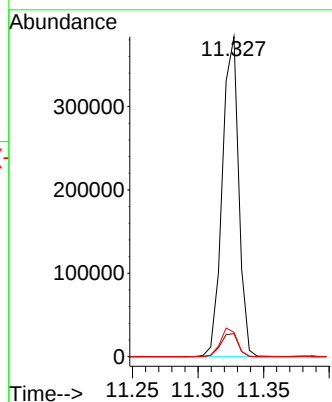
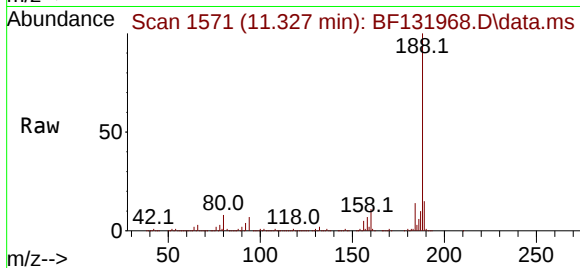
Tgt Ion:188 Resp: 332850

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

80 7.7 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.122 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.241 min

Lab File: BF131968.D

Acq: 09 Jan 2023 17:52

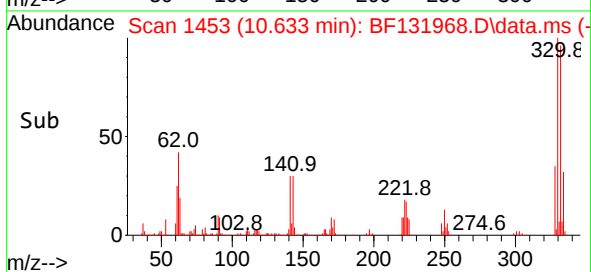
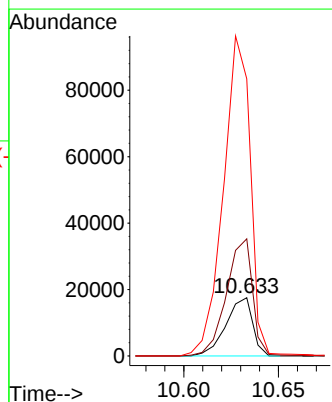
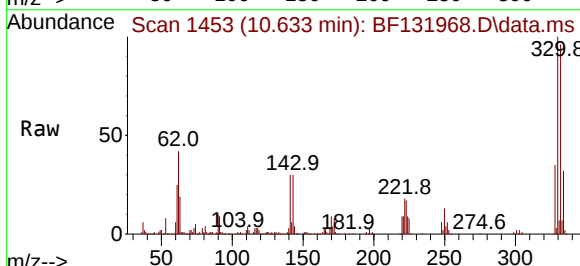
Tgt Ion:248 Resp: 17164

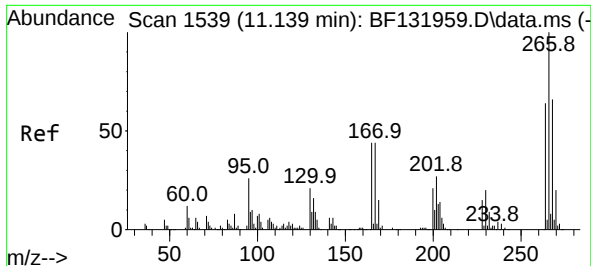
Ion Ratio Lower Upper

248 100

250 200.9 77.4 116.2#

141 475.1 65.0 97.6#

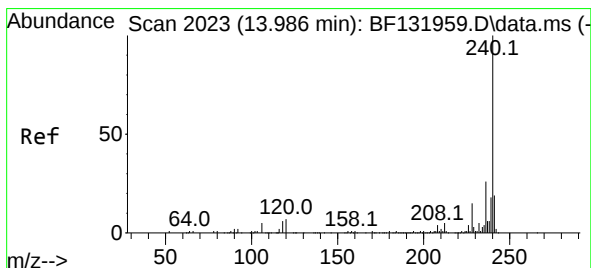
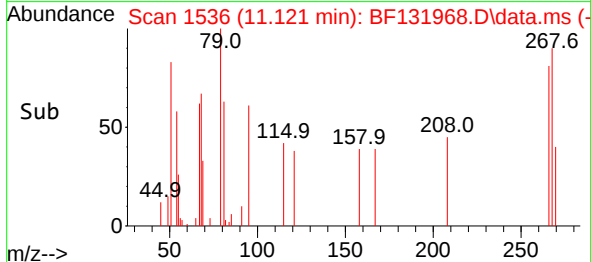
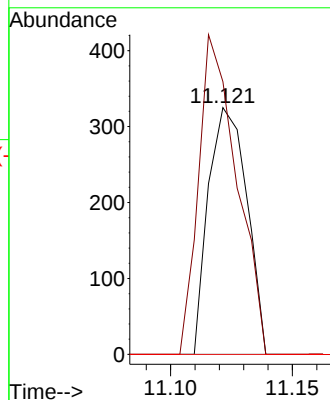
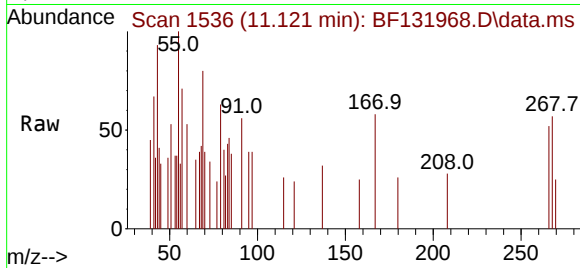




#70  
 Pentachlorophenol  
 Concen: 4.508 ng  
 RT: 11.121 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BF131968.D  
 Acq: 09 Jan 2023 17:52

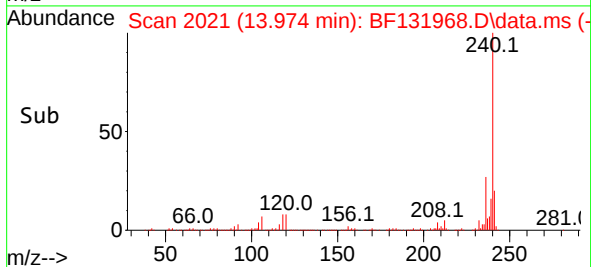
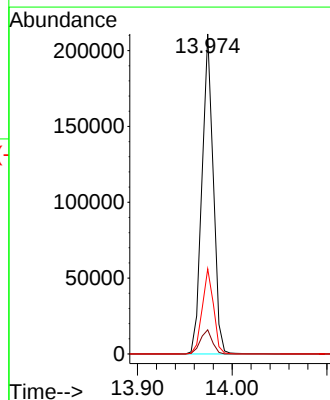
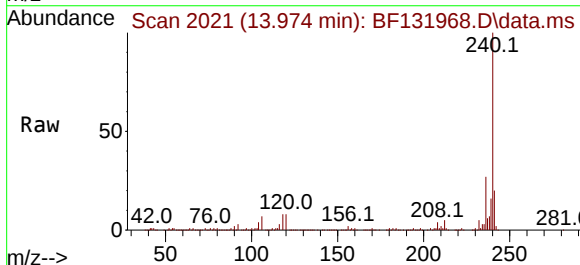
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-203

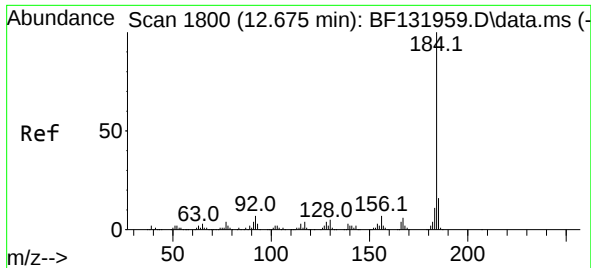
Tgt Ion:266 Resp: 356  
 Ion Ratio Lower Upper  
 266 100  
 268 110.5 52.7 79.1#  
 264 0.0 51.6 77.4#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.974 min Scan# 2021  
 Delta R.T. -0.012 min  
 Lab File: BF131968.D  
 Acq: 09 Jan 2023 17:52

Tgt Ion:240 Resp: 175984  
 Ion Ratio Lower Upper  
 240 100  
 120 7.6 5.4 8.0  
 236 26.6 21.1 31.7

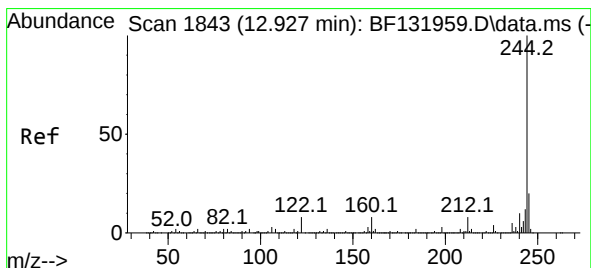
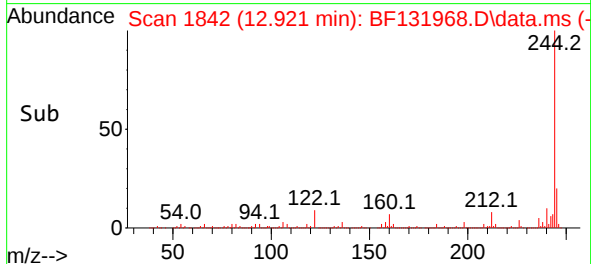
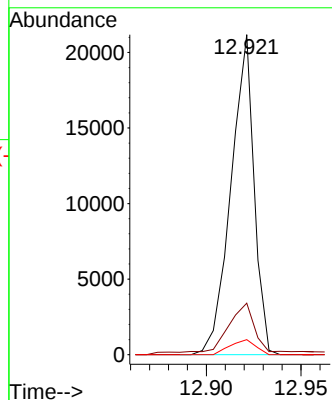
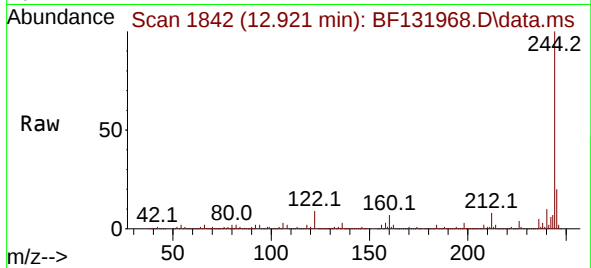




#77  
Benzidine  
Concen: 3.069 ng  
RT: 12.921 min Scan# 1842  
Delta R.T. 0.246 min  
Lab File: BF131968.D  
Acq: 09 Jan 2023 17:52

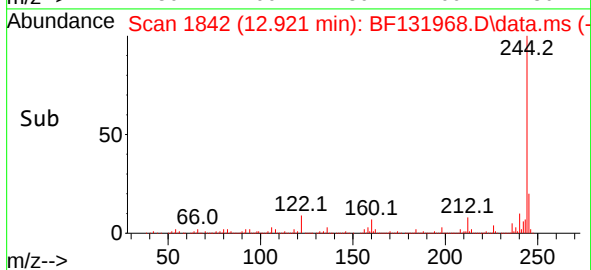
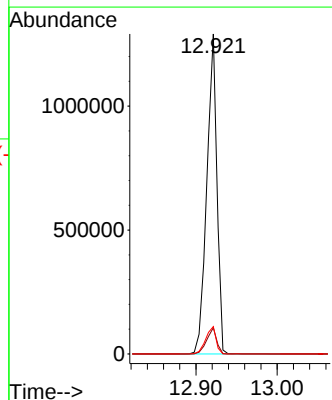
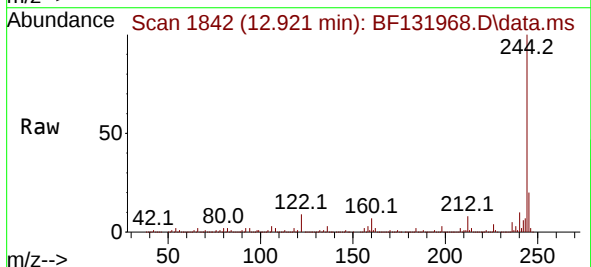
Instrument :  
BNA\_F  
ClientSampleId :  
TP-203

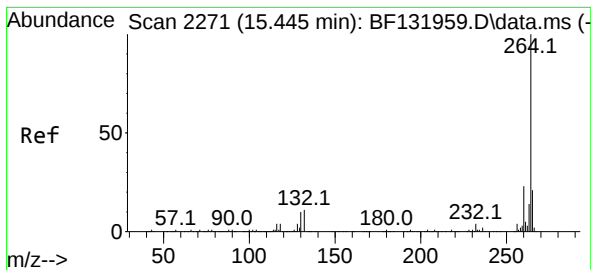
Tgt Ion:184 Resp: 17941  
Ion Ratio Lower Upper  
184 100  
185 16.1 12.8 19.2  
183 4.7 9.0 13.4#



#79  
Terphenyl-d14  
Concen: 90.682 ng  
RT: 12.921 min Scan# 1842  
Delta R.T. -0.006 min  
Lab File: BF131968.D  
Acq: 09 Jan 2023 17:52

Tgt Ion:244 Resp: 1113441  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.3 9.5  
122 8.6 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131968.D

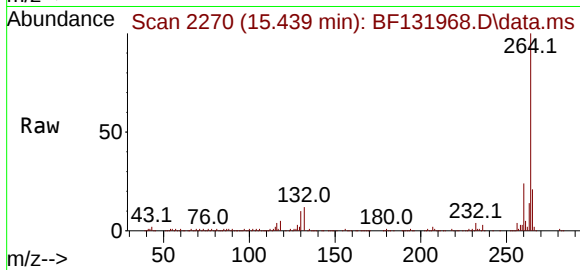
Acq: 09 Jan 2023 17:52

Instrument :

BNA\_F

ClientSampleId :

TP-203



Tgt Ion:264 Resp: 143131

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.5 16.9 25.3

