

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090722\  
 Data File : BF130168.D  
 Acq On : 07 Sep 2022 18:26  
 Operator : CG\JU  
 Sample : N4379-13  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07-3-5

Quant Time: Sep 08 02:52:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 07 02:05:07 2022  
 Response via : Initial Calibration

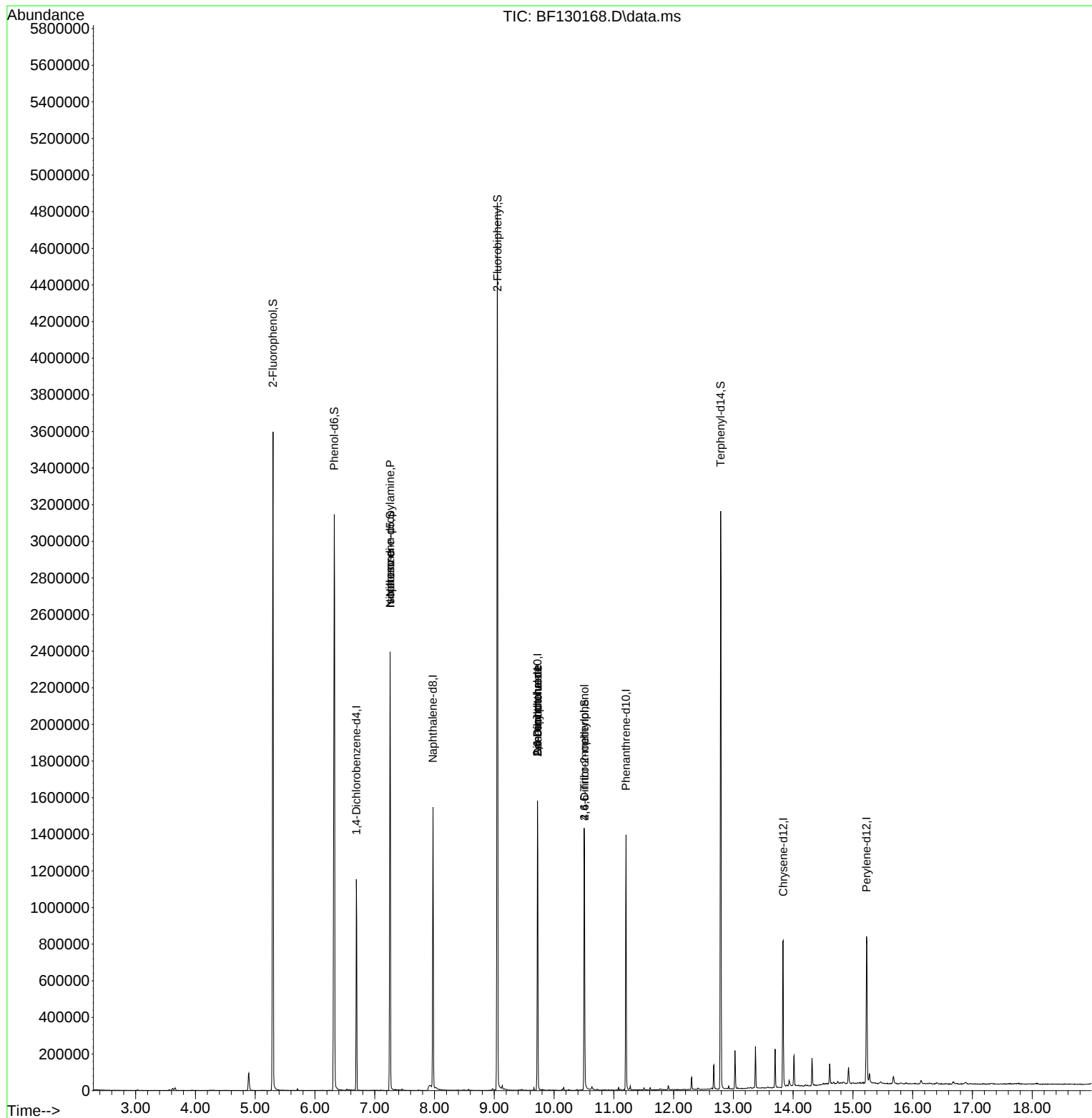
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.693  | 152  | 165269   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.975  | 136  | 653305   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.722  | 164  | 320788   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.204 | 188  | 466615   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.833 | 240  | 283391   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.227 | 264  | 343318   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.299  | 112  | 1075674  | 110.494 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.322  | 99   | 1324090  | 109.096 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.257  | 82   | 783580   | 77.081  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.510 | 330  | 161992   | 55.475  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.051  | 172  | 1475643  | 76.267  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.786 | 244  | 1063327  | 65.067  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 100386   | 13.729  | ng    | # 73     |
| 25) Isophorone                | 7.257  | 82   | 779032   | 37.863  | ng    | # 65     |
| 50) Dimethylphthalate         | 9.722  | 163  | 59997    | 2.746   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 42451    | 9.965   | ng    | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.722  | 165  | 42451    | 8.655   | ng    | # 18     |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 413      | 6.244   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

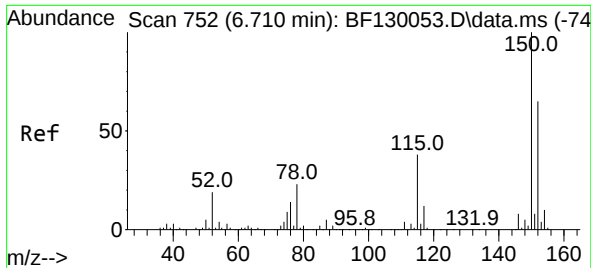
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090722\  
Data File : BF130168.D  
Acq On : 07 Sep 2022 18:26  
Operator : CG\JU  
Sample : N4379-13  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-3-5

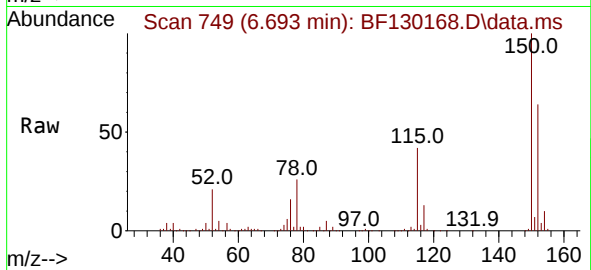
Quant Time: Sep 08 02:52:47 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 07 02:05:07 2022  
Response via : Initial Calibration



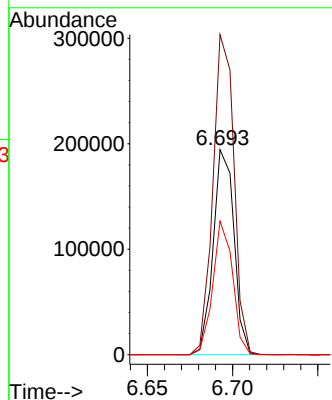
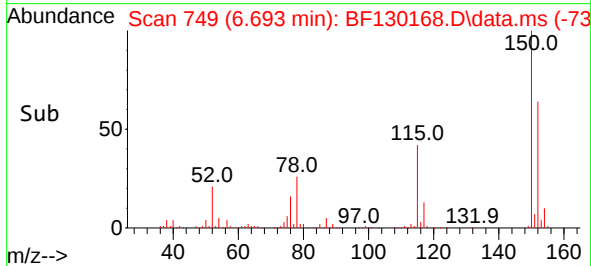


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.693 min Scan# 74  
Delta R.T. -0.005 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-3-5

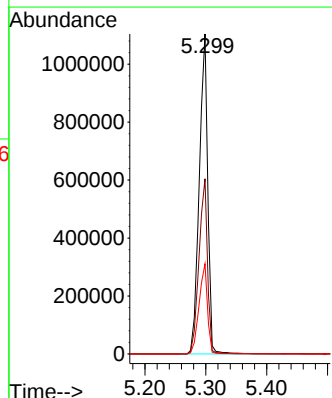
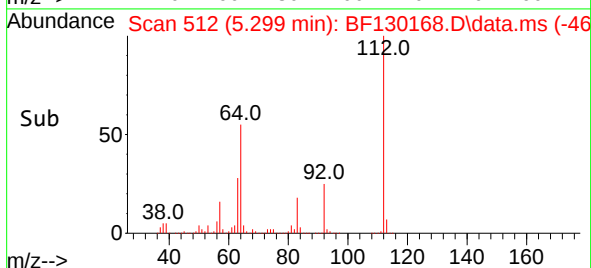
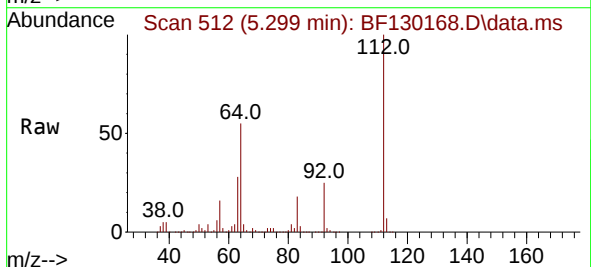


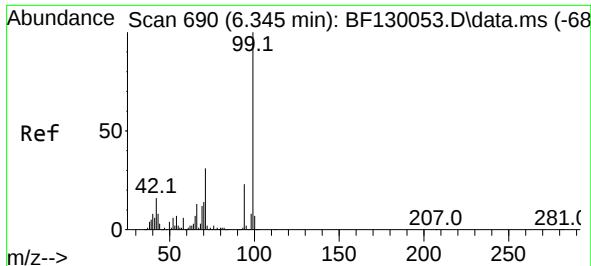
Tgt Ion:152 Resp: 165269  
Ion Ratio Lower Upper  
152 100  
150 156.1 126.9 190.3  
115 65.1 53.4 80.0



#5  
2-Fluorophenol  
Concen: 110.494 ng  
RT: 5.299 min Scan# 512  
Delta R.T. 0.000 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

Tgt Ion:112 Resp: 1075674  
Ion Ratio Lower Upper  
112 100  
64 54.7 47.6 71.4  
63 28.2 24.6 37.0

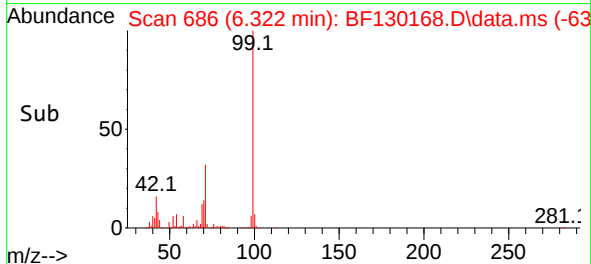
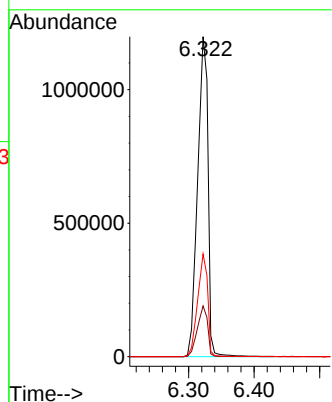
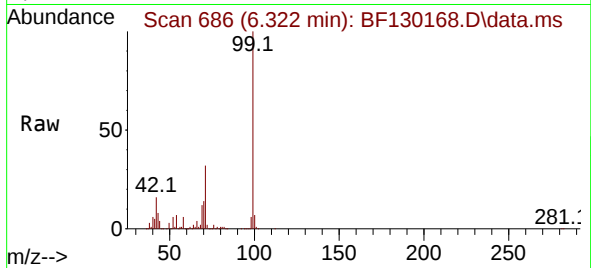




#7  
Phenol-d6  
Concen: 109.096 ng  
RT: 6.322 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

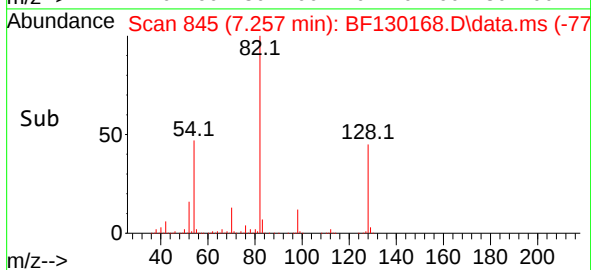
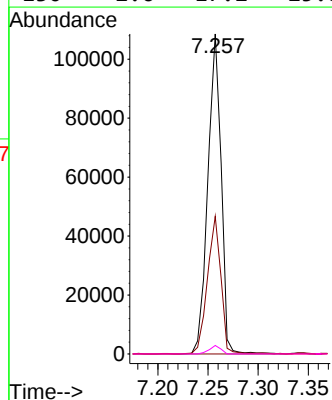
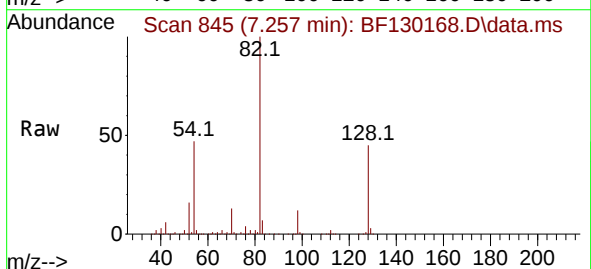
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-3-5

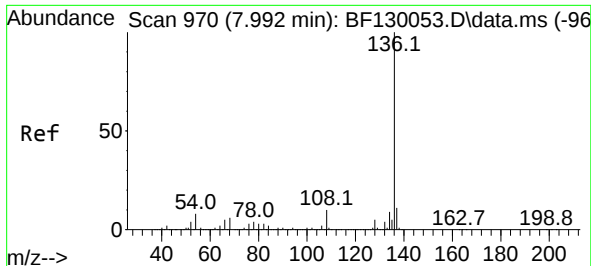
Tgt Ion: 99 Resp: 1324090  
Ion Ratio Lower Upper  
99 100  
42 15.9 15.0 22.4  
71 32.1 28.8 43.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.729 ng  
RT: 7.257 min Scan# 845  
Delta R.T. 0.129 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

Tgt Ion: 70 Resp: 100386  
Ion Ratio Lower Upper  
70 100  
42 43.0 47.6 71.4#  
101 0.0 8.1 12.1#  
130 2.6 17.2 25.8#



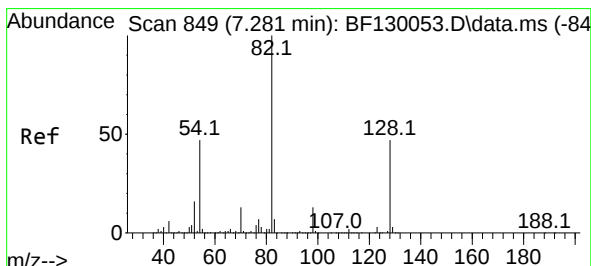
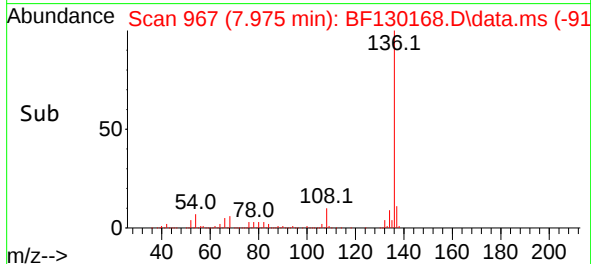
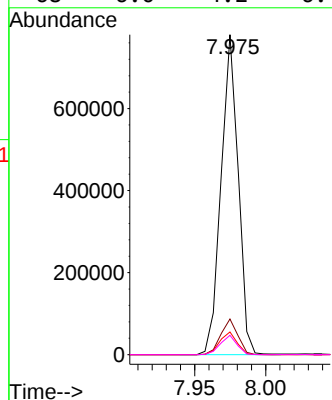
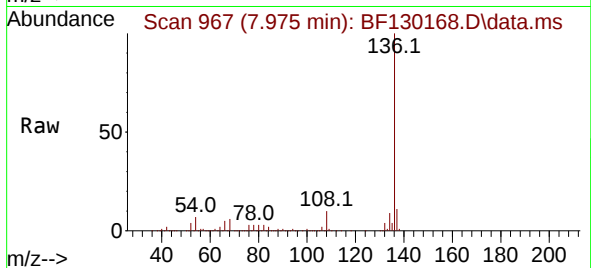


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.975 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-3-5

Tgt Ion:136 Resp: 653305

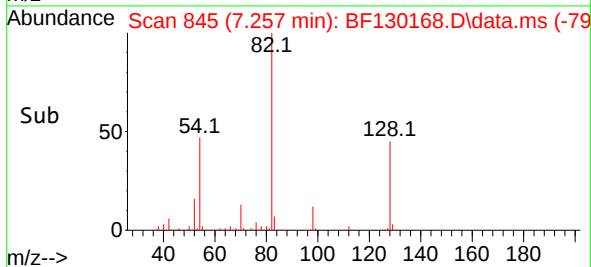
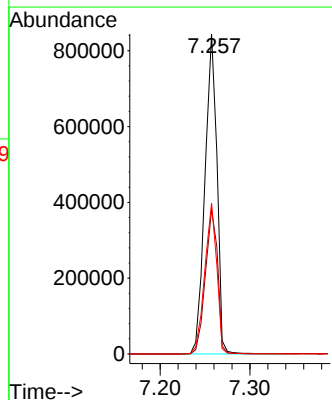
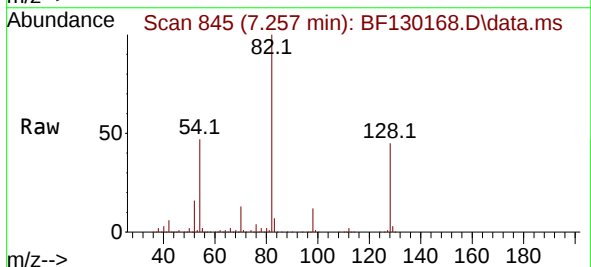
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.4   | 12.6  |
| 54  | 7.1   | 6.2   | 9.2   |
| 68  | 6.0   | 4.2   | 6.4   |



#23  
Nitrobenzene-d5  
Concen: 77.081 ng  
RT: 7.257 min Scan# 845  
Delta R.T. -0.012 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

Tgt Ion: 82 Resp: 783580

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.2  | 36.1  | 54.1  |
| 54  | 47.2  | 40.0  | 60.0  |

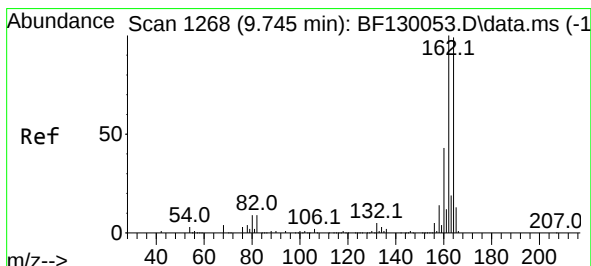
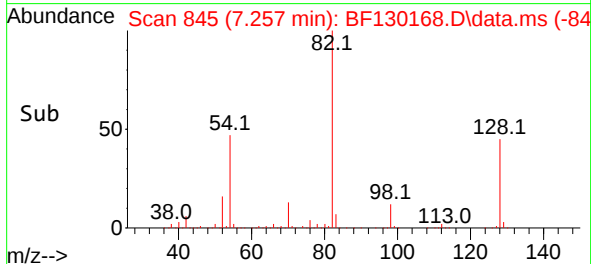
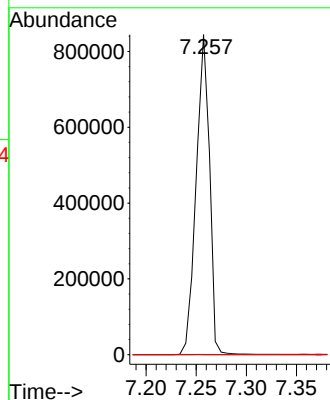
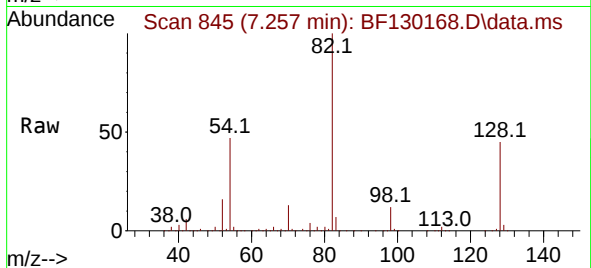




#25  
Isophorone  
Concen: 37.863 ng  
RT: 7.257 min Scan# 84  
Delta R.T. -0.271 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

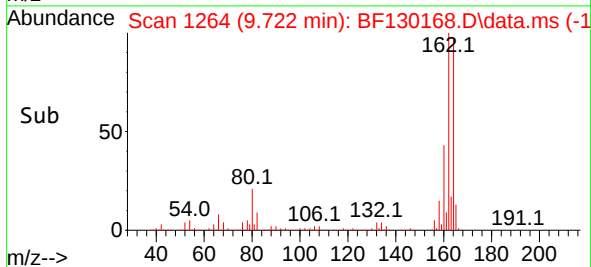
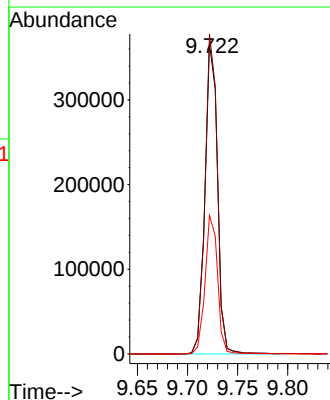
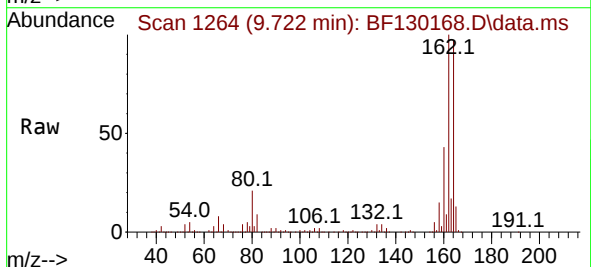
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-3-5

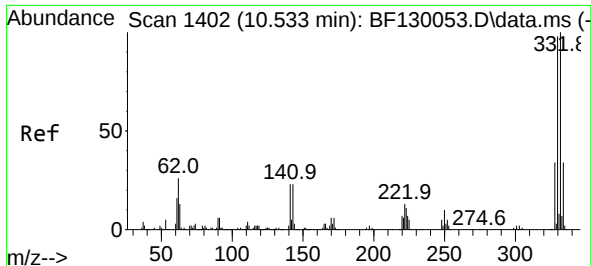
Tgt Ion: 82 Resp: 779032  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.9 8.9#  
138 0.0 14.6 21.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.722 min Scan# 1264  
Delta R.T. -0.012 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

Tgt Ion: 164 Resp: 320788  
Ion Ratio Lower Upper  
164 100  
162 103.1 82.0 123.0  
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 55.475 ng

RT: 10.510 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF130168.D

Acq: 07 Sep 2022 18:26

Instrument :

BNA\_F

ClientSampleId :

SB-07-3-5

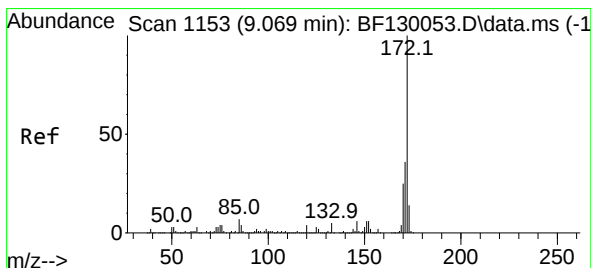
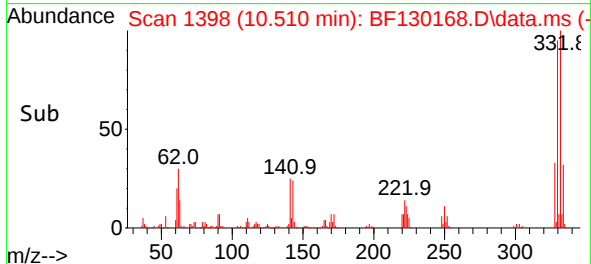
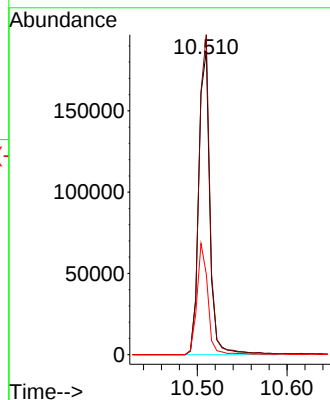
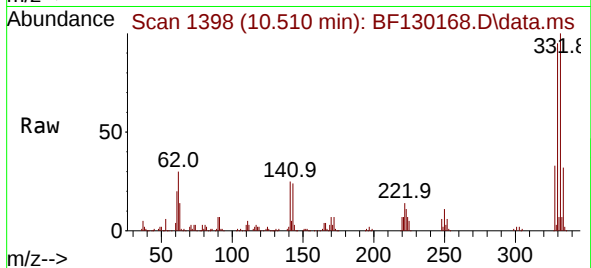
Tgt Ion:330 Resp: 161992

Ion Ratio Lower Upper

330 100

332 103.6 82.6 124.0

141 35.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 76.267 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130168.D

Acq: 07 Sep 2022 18:26

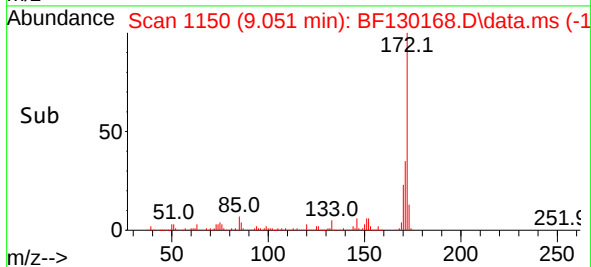
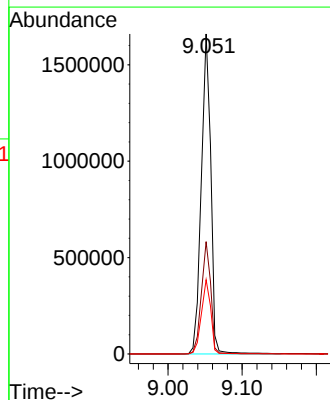
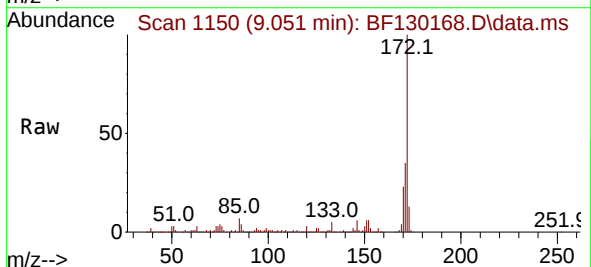
Tgt Ion:172 Resp: 1475643

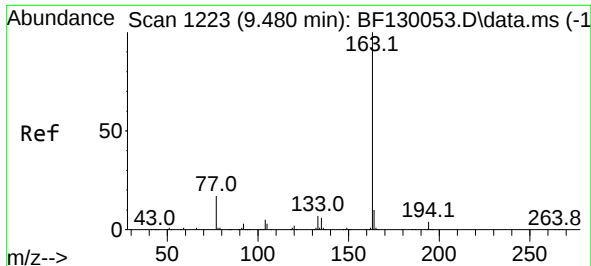
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.2 19.1 28.7

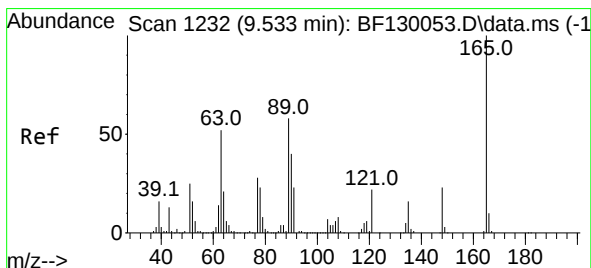
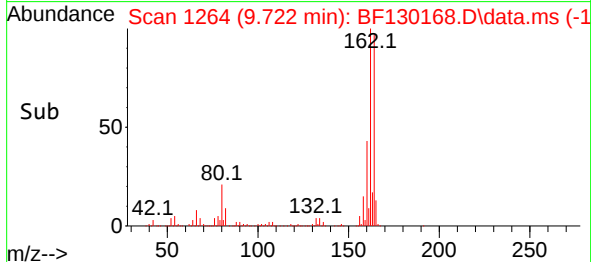
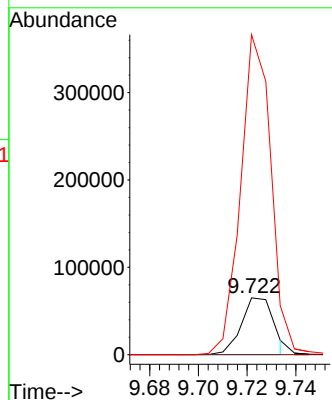
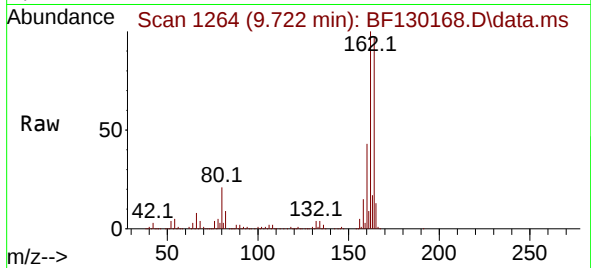




#50  
Dimethylphthalate  
Concen: 2.746 ng  
RT: 9.722 min Scan# 1264  
Delta R.T. 0.253 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

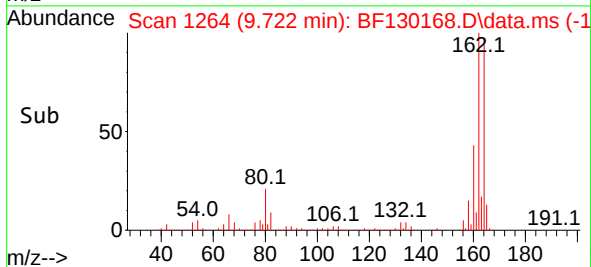
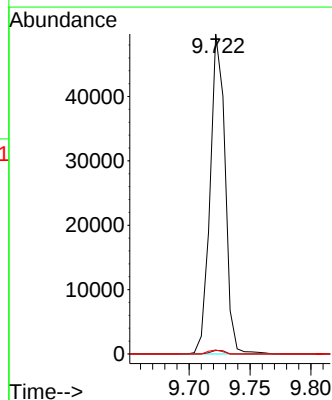
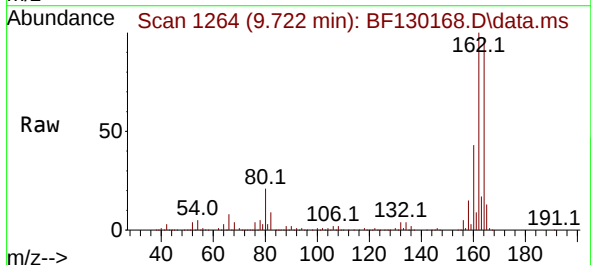
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-3-5

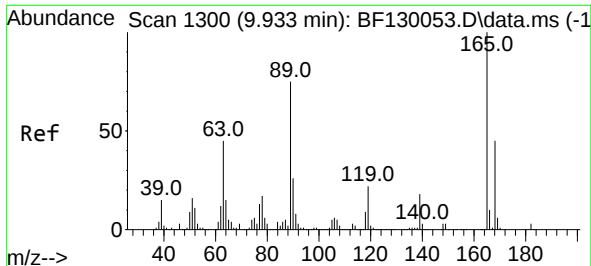
Tgt Ion:163 Resp: 59997  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 563.3 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 9.965 ng  
RT: 9.722 min Scan# 1264  
Delta R.T. 0.194 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

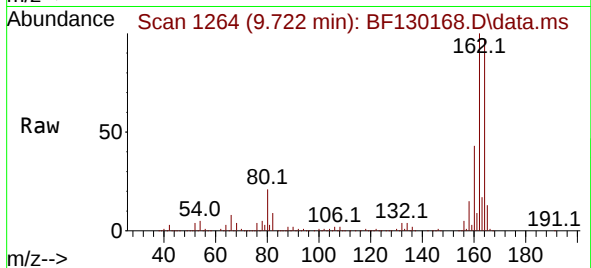
Tgt Ion:165 Resp: 42451  
Ion Ratio Lower Upper  
165 100  
63 1.1 47.8 71.8#  
89 1.3 47.2 70.8#



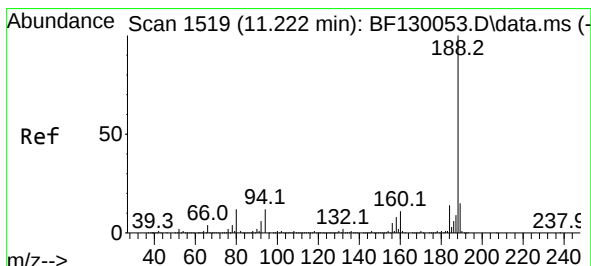
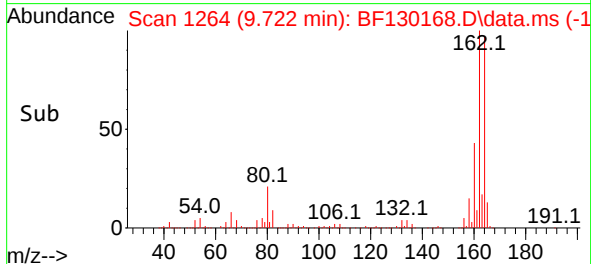
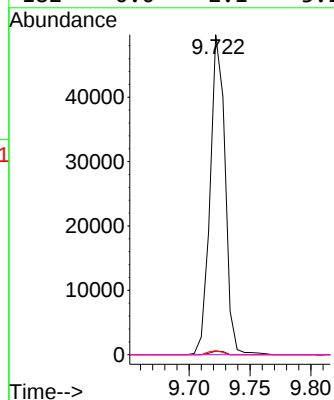


#57  
2,4-Dinitrotoluene  
Concen: 8.655 ng  
RT: 9.722 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-3-5

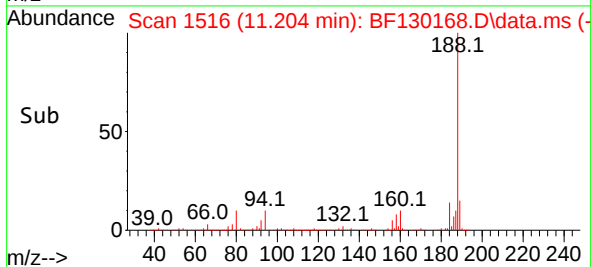
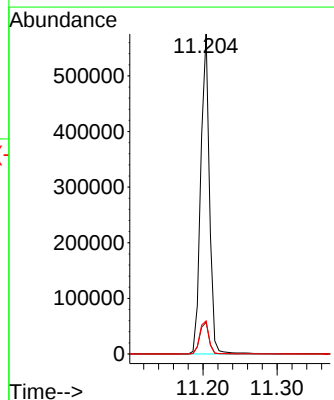
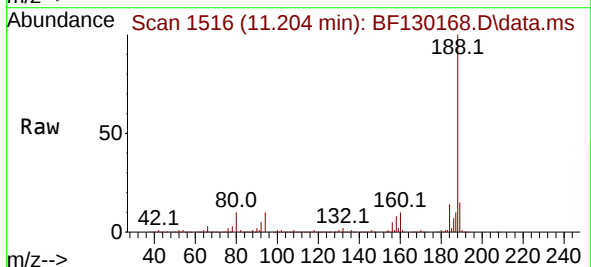


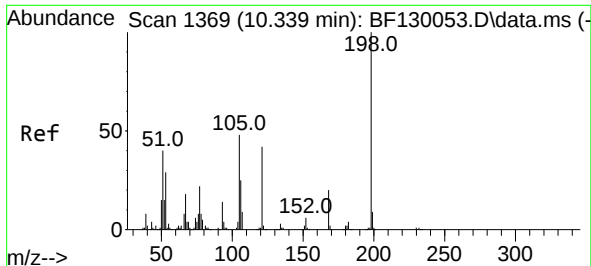
Tgt Ion:165 Resp: 42451  
Ion Ratio Lower Upper  
165 100  
63 1.1 48.4 72.6#  
89 1.3 62.3 93.5#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.204 min Scan# 1516  
Delta R.T. -0.006 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

Tgt Ion:188 Resp: 466615  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.4 11.2  
80 10.3 7.9 11.9

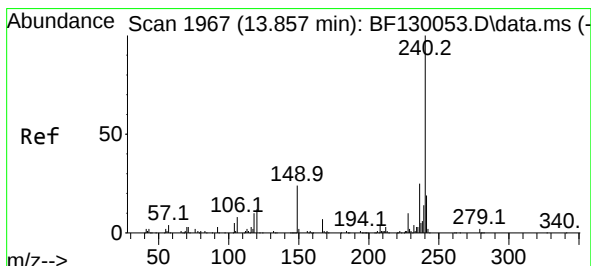
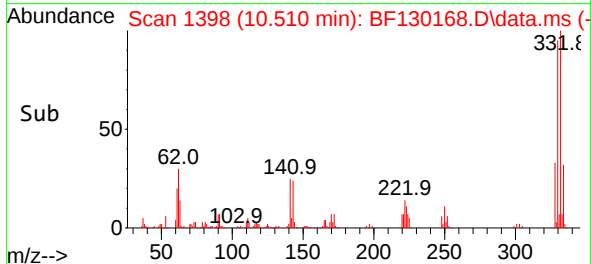
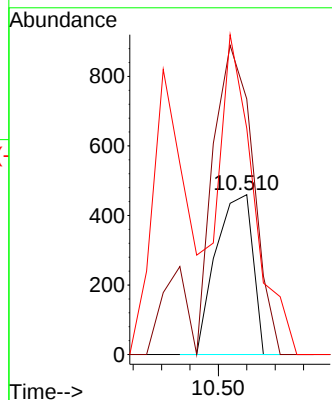
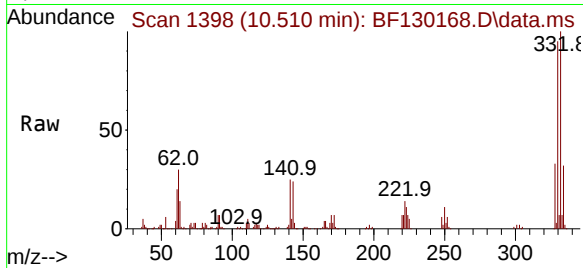




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.244 ng  
RT: 10.510 min Scan# 11  
Delta R.T. 0.182 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

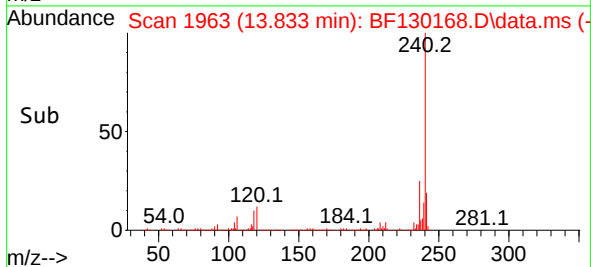
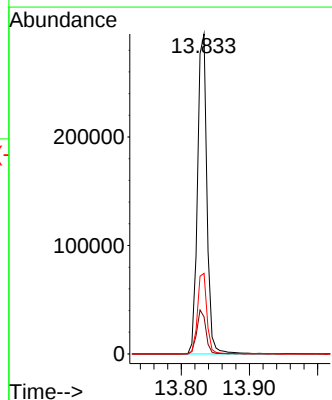
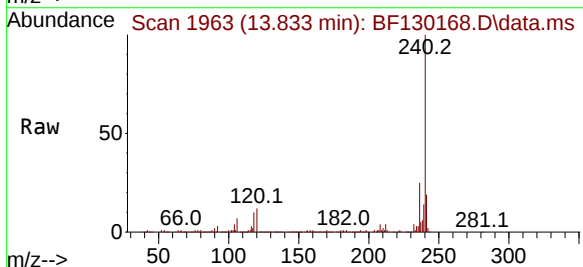
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-3-5

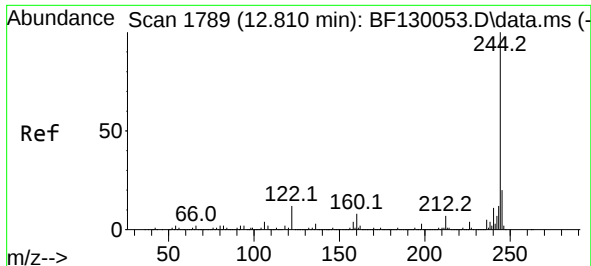
Tgt Ion:198 Resp: 413  
Ion Ratio Lower Upper  
198 100  
51 159.8 29.4 69.4#  
105 141.5 29.2 69.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.833 min Scan# 1963  
Delta R.T. -0.012 min  
Lab File: BF130168.D  
Acq: 07 Sep 2022 18:26

Tgt Ion:240 Resp: 283391  
Ion Ratio Lower Upper  
240 100  
120 11.6 9.2 13.8  
236 25.2 20.7 31.1

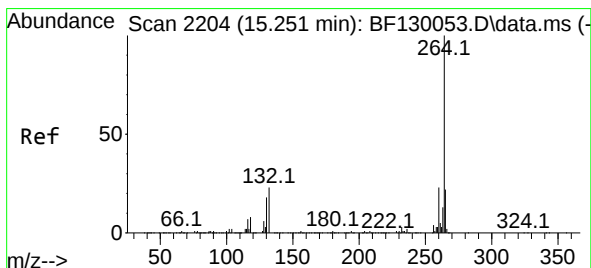
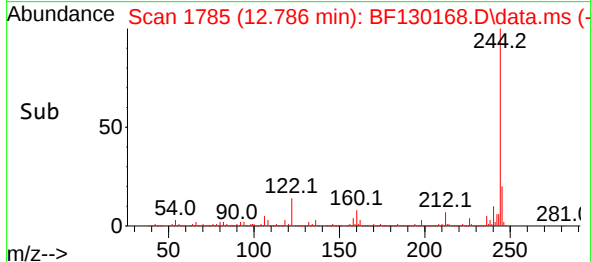
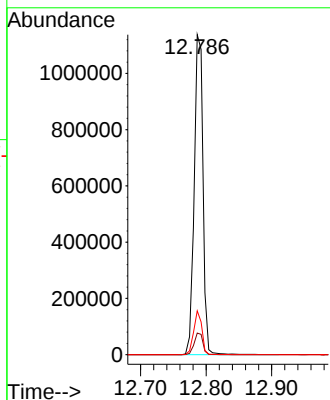
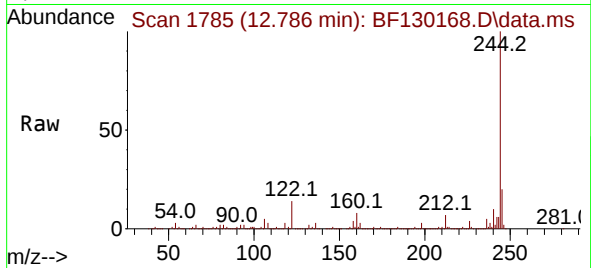




#79  
 Terphenyl-d14  
 Concen: 65.067 ng  
 RT: 12.786 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF130168.D  
 Acq: 07 Sep 2022 18:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07-3-5

Tgt Ion:244 Resp: 1063327  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.9 8.9  
 122 13.7 9.9 14.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.227 min Scan# 2200  
 Delta R.T. -0.012 min  
 Lab File: BF130168.D  
 Acq: 07 Sep 2022 18:26

Tgt Ion:264 Resp: 343318  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 19.1 28.7  
 265 21.0 16.7 25.1

