

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090122\  
 Data File : BF130093.D  
 Acq On : 01 Sep 2022 23:32  
 Operator : CG\JU  
 Sample : N4423-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-2

Quant Time: Sep 02 04:06:50 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 31 18:15:32 2022  
 Response via : Initial Calibration

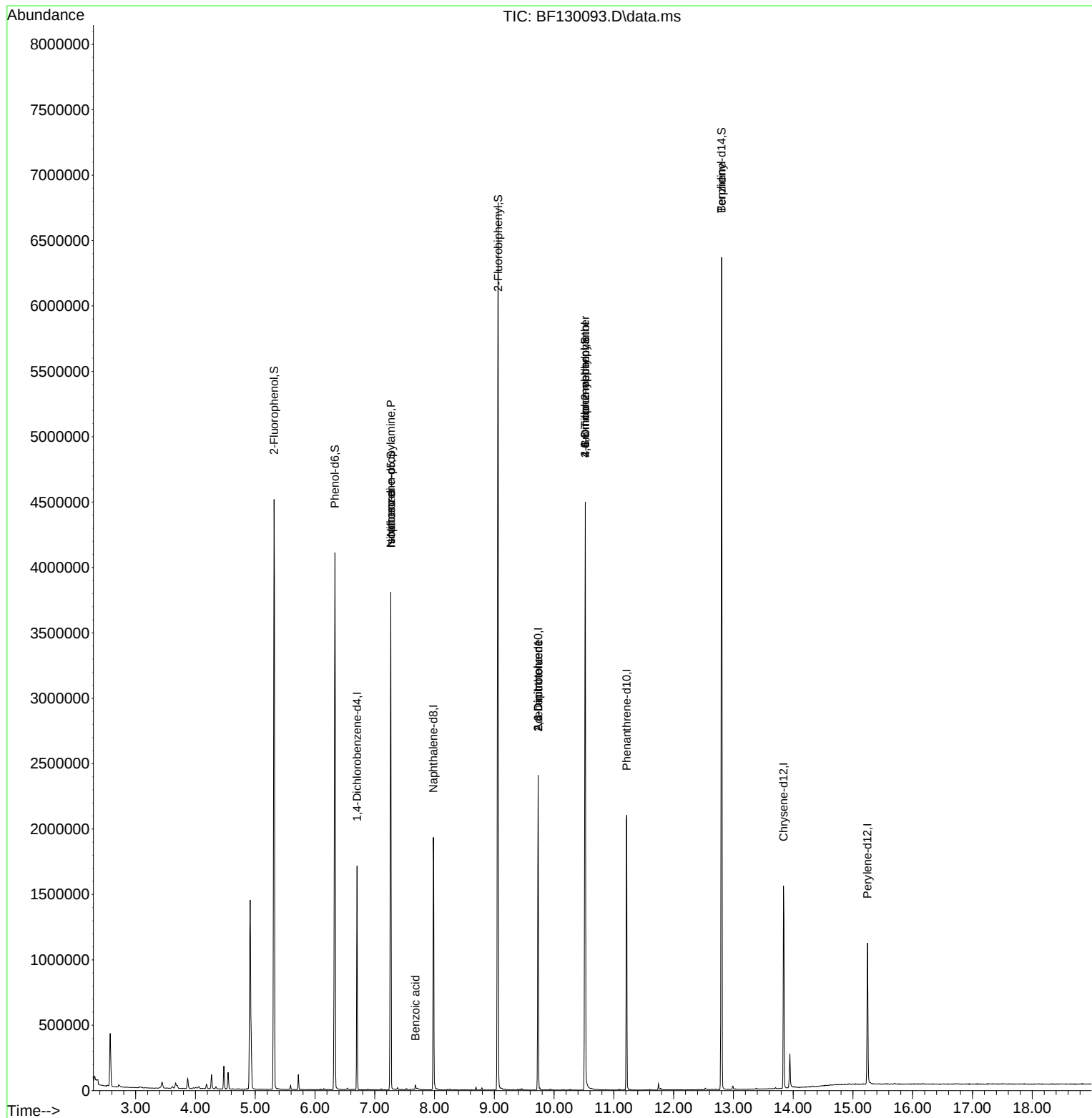
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.704  | 152  | 231607   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.981  | 136  | 916665   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 9.733  | 164  | 478430   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.216 | 188  | 776013   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.839 | 240  | 500929   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 15.245 | 264  | 417946   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.316  | 112  | 1557479  | 114.161 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.334  | 99   | 1777388  | 104.499 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.269  | 82   | 1253600  | 87.888  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.522 | 330  | 580949   | 133.397 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.063  | 172  | 2283741  | 79.141  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.804 | 244  | 2320560  | 80.333  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.269  | 70   | 161518   | 15.763  | ng    | # 75     |
| 25) Isophorone                | 7.269  | 82   | 1250179  | 43.304  | ng    | # 65     |
| 32) Benzoic acid              | 7.681  | 122  | 9780     | 7.426   | ng    | 92       |
| 51) 2,6-Dinitrotoluene        | 9.733  | 165  | 61301    | 9.649   | ng    | # 22     |
| 57) 2,4-Dinitrotoluene        | 9.733  | 165  | 61301    | 8.380   | ng    | # 17     |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 1345     | 6.402   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.522 | 248  | 35216    | 4.080   | ng    | # 1      |
| 77) Benzidine                 | 12.804 | 184  | 31796    | 2.351   | ng    | # 91     |
| -----                         |        |      |          |         |       |          |

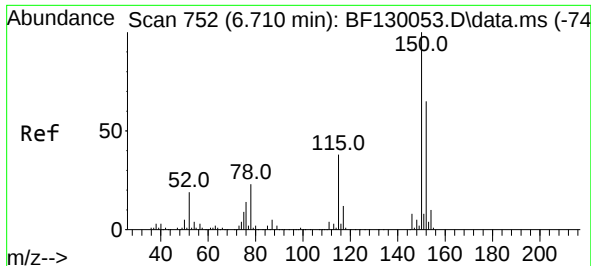
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090122\  
Data File : BF130093.D  
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ALS Vial : 15 Sample Multiplier: 1

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BNA\_F  
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Quant Time: Sep 02 04:06:50 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 31 18:15:32 2022  
Response via : Initial Calibration

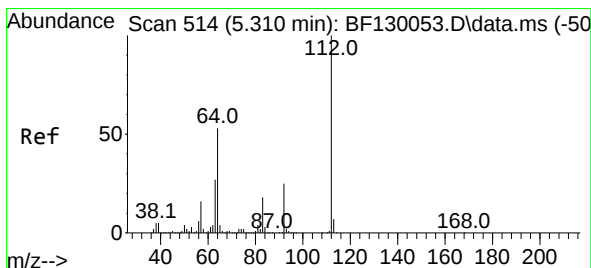
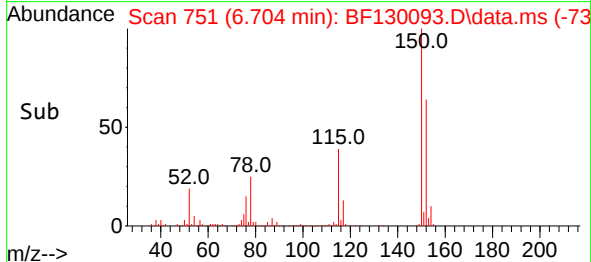
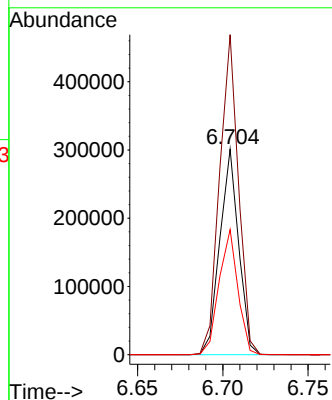
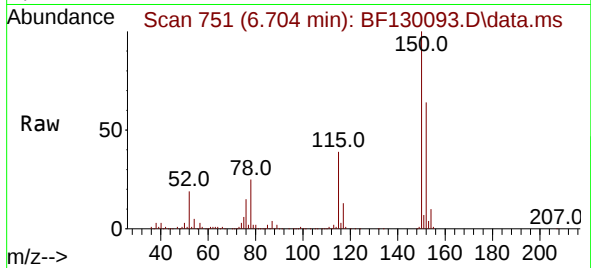




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.704 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

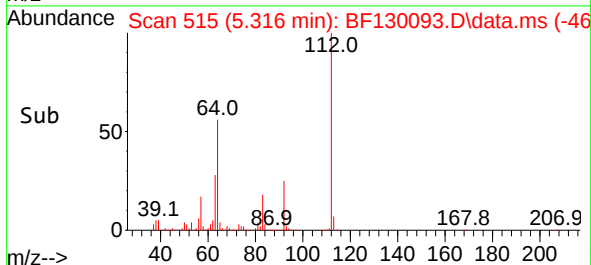
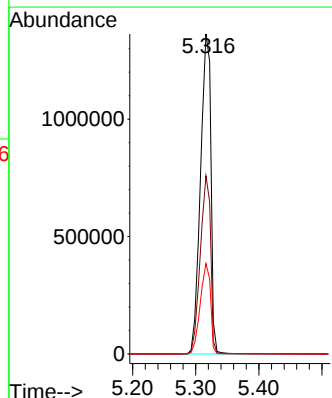
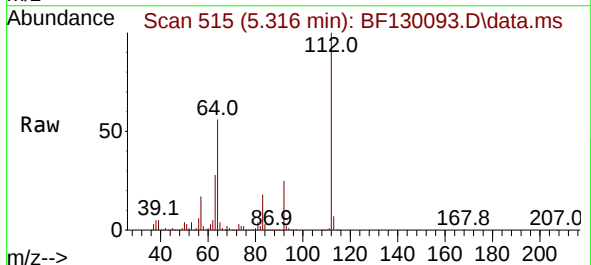
Instrument :  
BNA\_F  
ClientSampleId :  
WC-2

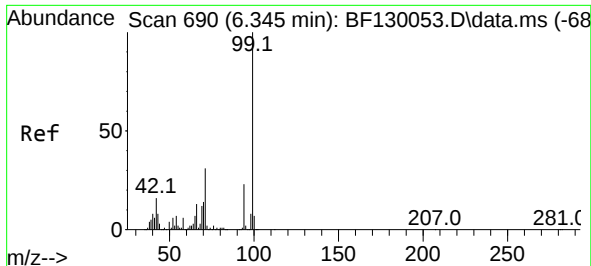
Tgt Ion:152 Resp: 231607  
Ion Ratio Lower Upper  
152 100  
150 155.6 126.9 190.3  
115 60.9 53.4 80.0



#5  
2-Fluorophenol  
Concen: 114.161 ng  
RT: 5.316 min Scan# 515  
Delta R.T. 0.006 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

Tgt Ion:112 Resp: 1557479  
Ion Ratio Lower Upper  
112 100  
64 55.7 47.6 71.4  
63 28.3 24.6 37.0

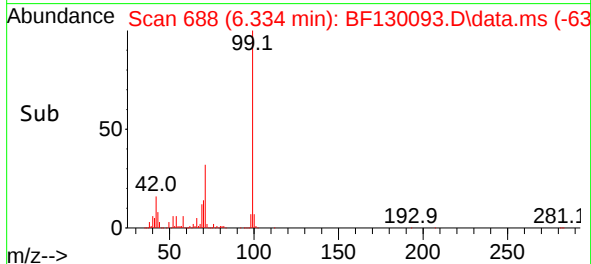
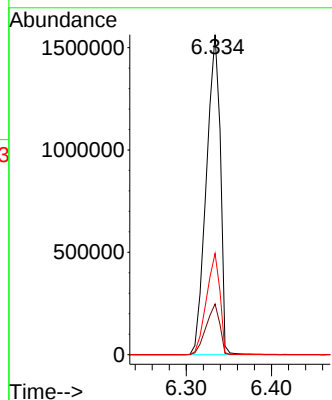
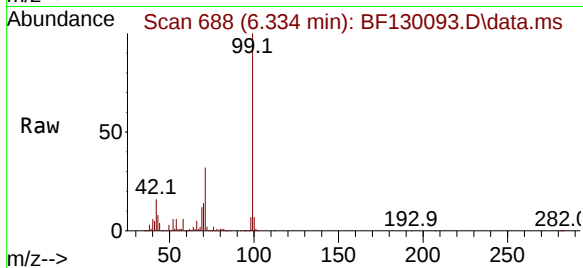




#7  
Phenol-d6  
Concen: 104.499 ng  
RT: 6.334 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

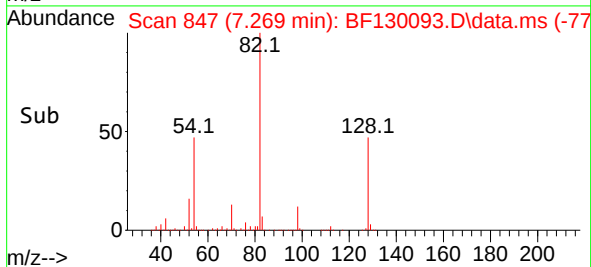
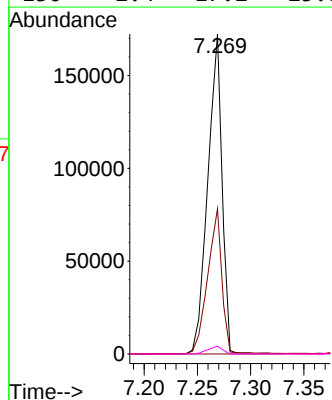
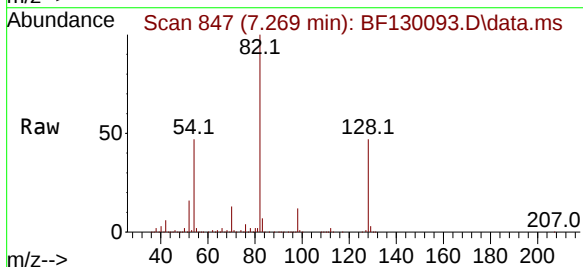
Instrument :  
BNA\_F  
ClientSampleId :  
WC-2

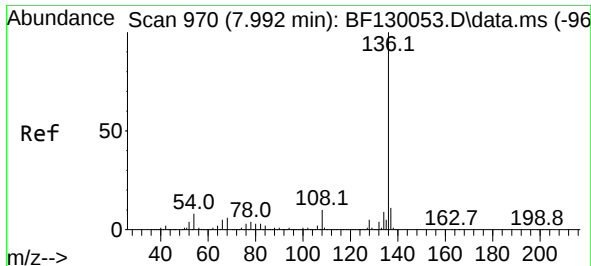
Tgt Ion: 99 Resp: 1777388  
Ion Ratio Lower Upper  
99 100  
42 15.9 15.0 22.4  
71 31.7 28.8 43.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.763 ng  
RT: 7.269 min Scan# 847  
Delta R.T. 0.129 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

Tgt Ion: 70 Resp: 161518  
Ion Ratio Lower Upper  
70 100  
42 45.3 47.6 71.4#  
101 0.0 8.1 12.1#  
130 2.4 17.2 25.8#

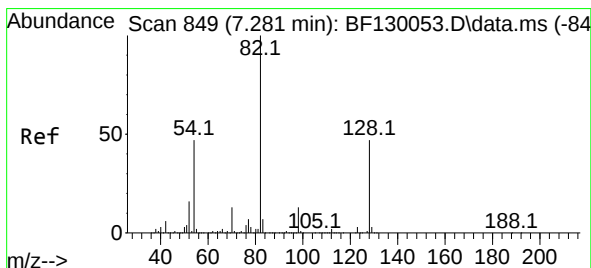
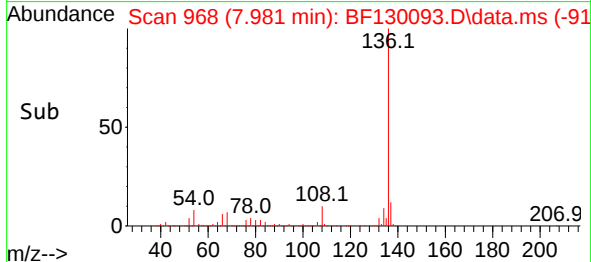
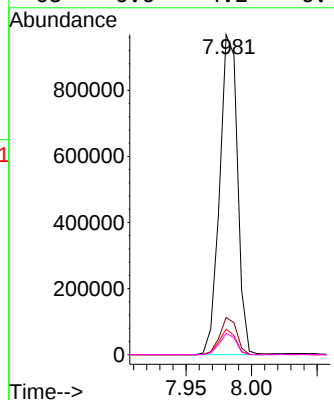
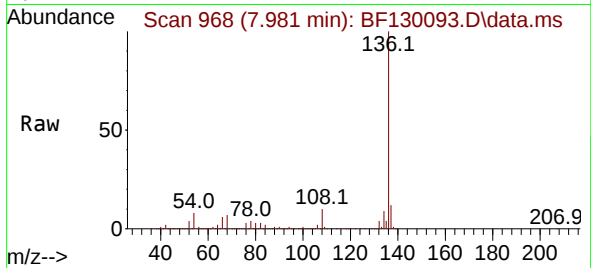




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.981 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

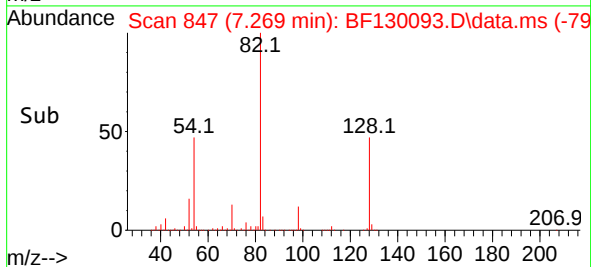
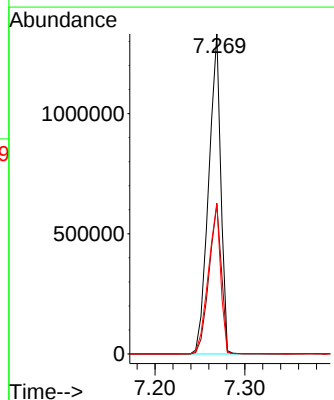
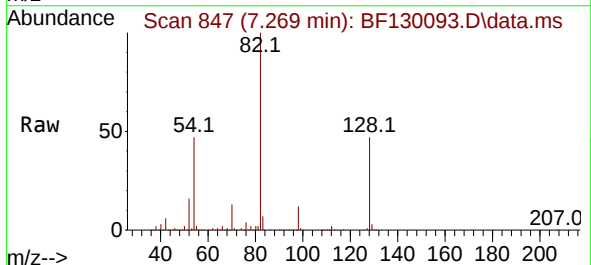
Instrument :  
BNA\_F  
ClientSampleId :  
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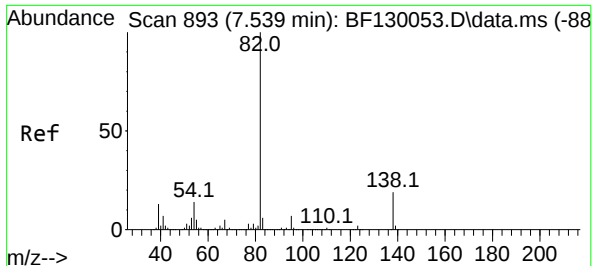
Tgt Ion:136 Resp: 916665  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.4 12.6  
54 7.9 6.2 9.2  
68 6.6 4.2 6.4#



#23  
Nitrobenzene-d5  
Concen: 87.888 ng  
RT: 7.269 min Scan# 847  
Delta R.T. -0.012 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

Tgt Ion: 82 Resp: 1253600  
Ion Ratio Lower Upper  
82 100  
128 46.8 36.1 54.1  
54 47.1 40.0 60.0

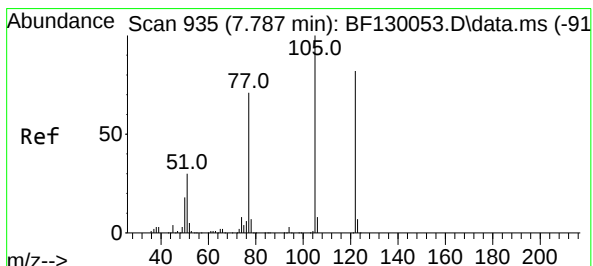
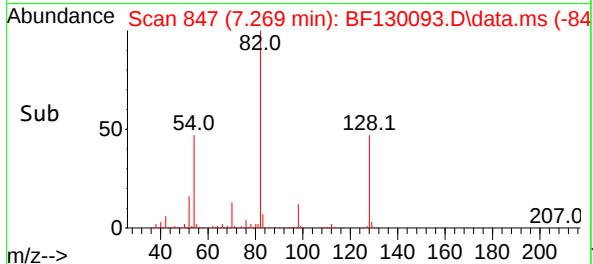
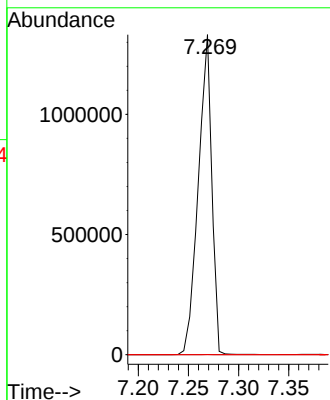
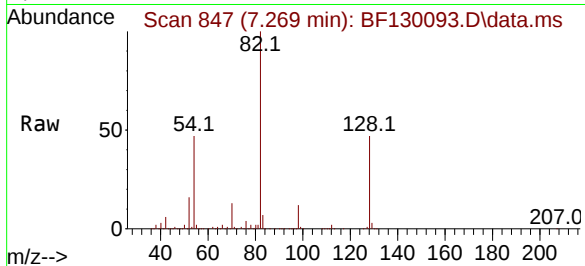




#25  
Isophorone  
Concen: 43.304 ng  
RT: 7.269 min Scan# 84  
Delta R.T. -0.271 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

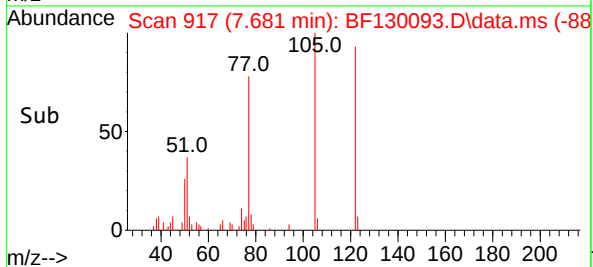
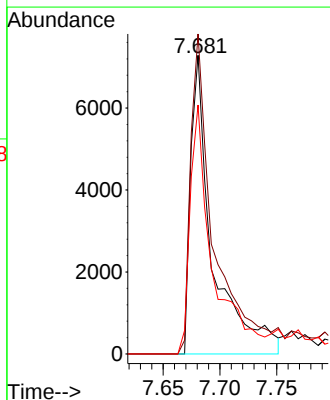
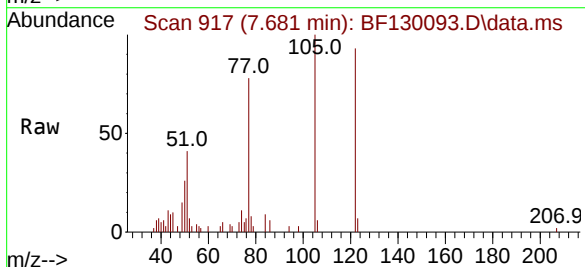
Instrument :  
BNA\_F  
ClientSampleId :  
WC-2

Tgt Ion: 82 Resp: 1250179  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.9 8.9#  
138 0.0 14.6 21.8#



#32  
Benzoic acid  
Concen: 7.426 ng  
RT: 7.681 min Scan# 917  
Delta R.T. -0.106 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

Tgt Ion:122 Resp: 9780  
Ion Ratio Lower Upper  
122 100  
105 107.1 99.9 139.9  
77 83.3 65.9 105.9

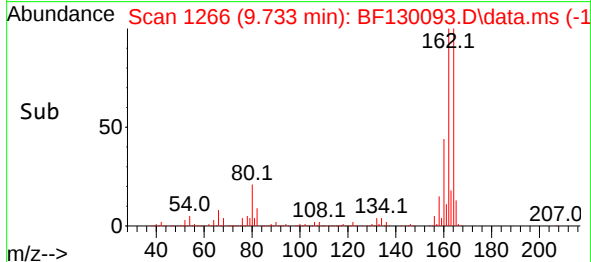
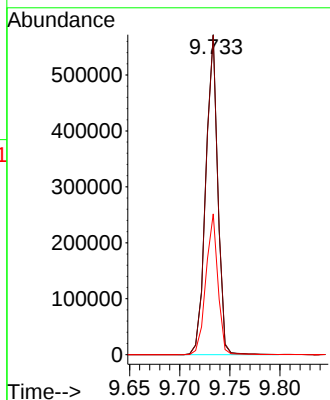
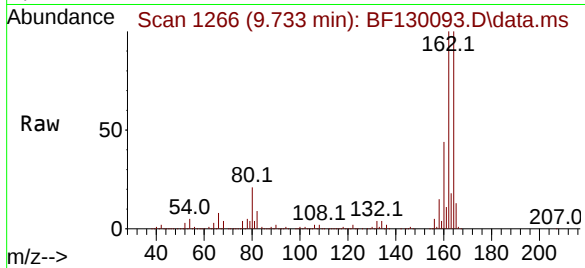




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.733 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

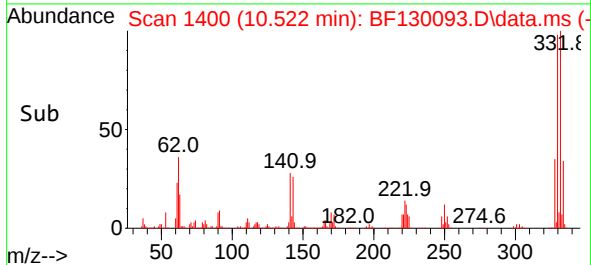
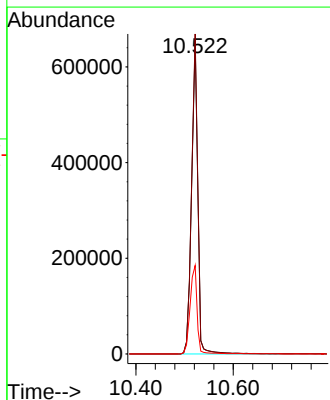
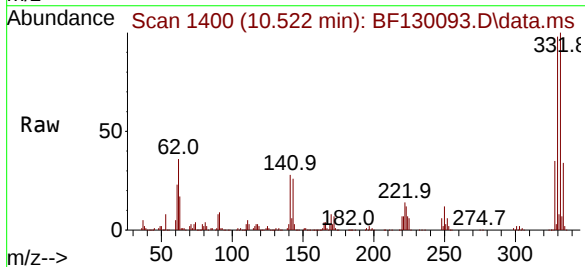
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BNA\_F  
ClientSampleId :  
WC-2

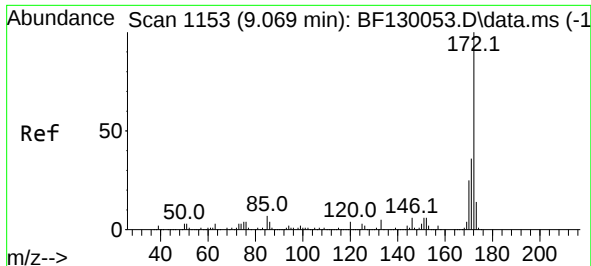
Tgt Ion:164 Resp: 478430  
Ion Ratio Lower Upper  
164 100  
162 99.8 82.0 123.0  
160 44.0 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 133.397 ng  
RT: 10.522 min Scan# 1400  
Delta R.T. -0.012 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

Tgt Ion:330 Resp: 580949  
Ion Ratio Lower Upper  
330 100  
332 102.2 82.6 124.0  
141 31.9 27.6 41.4

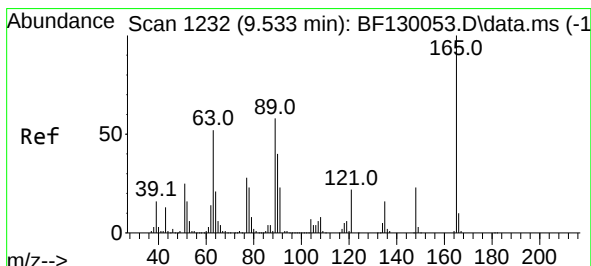
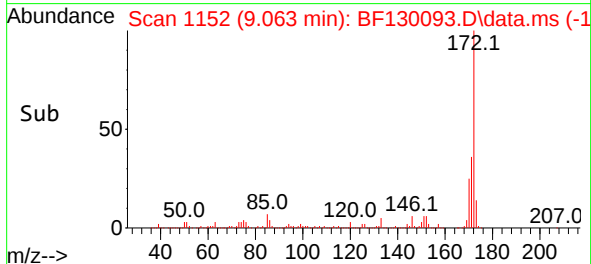
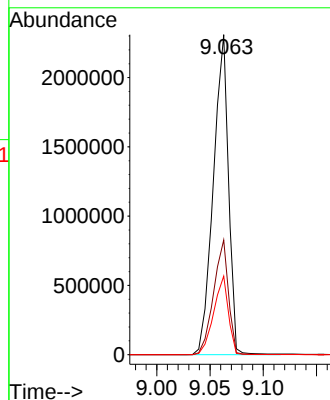
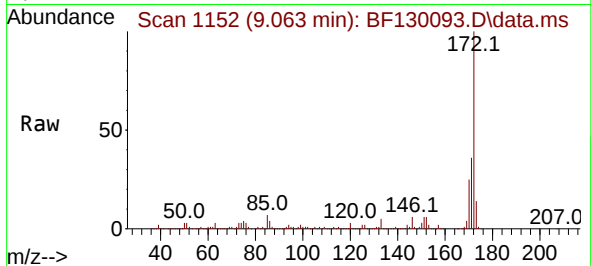




#45  
2-Fluorobiphenyl  
Concen: 79.141 ng  
RT: 9.063 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

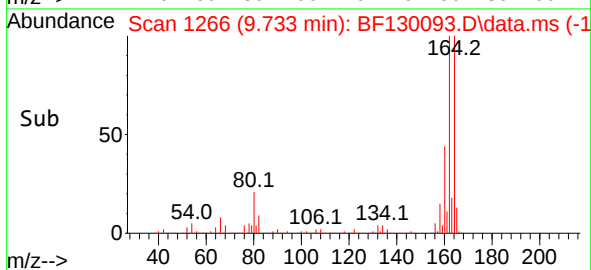
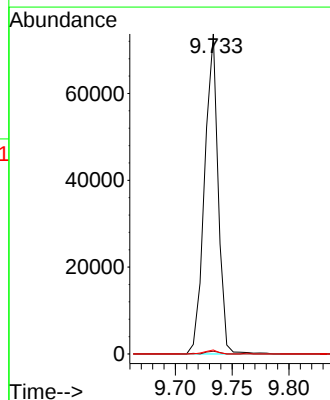
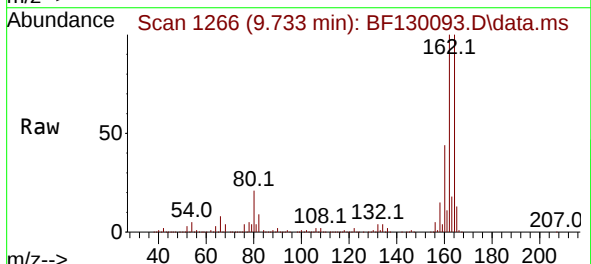
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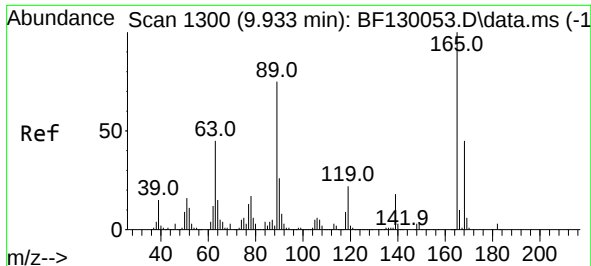
Tgt Ion:172 Resp: 2283741  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.4 42.6  
170 24.5 19.1 28.7



#51  
2,6-Dinitrotoluene  
Concen: 9.649 ng  
RT: 9.733 min Scan# 1266  
Delta R.T. 0.200 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

Tgt Ion:165 Resp: 61301  
Ion Ratio Lower Upper  
165 100  
63 0.8 47.8 71.8#  
89 1.2 47.2 70.8#

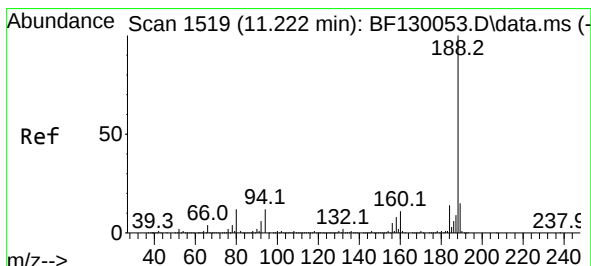
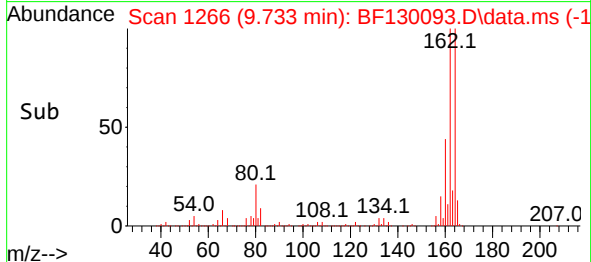
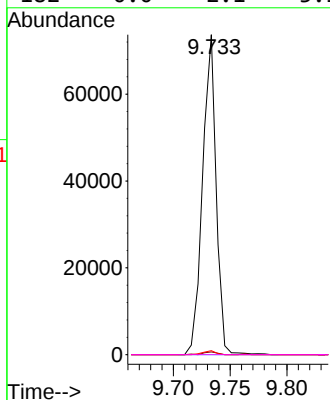
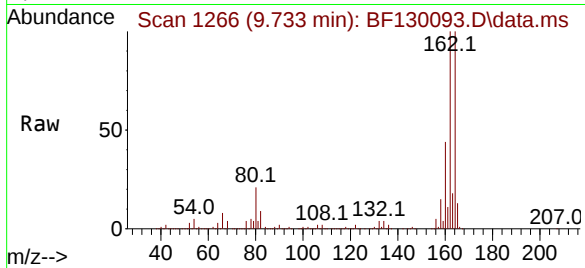




#57  
2,4-Dinitrotoluene  
Concen: 8.380 ng  
RT: 9.733 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

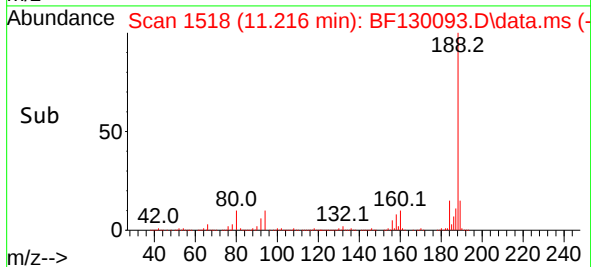
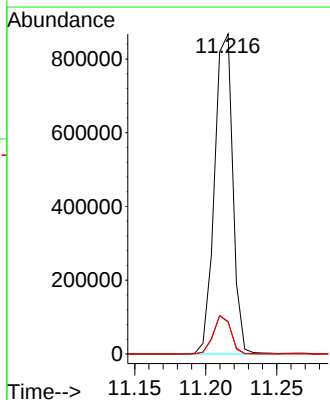
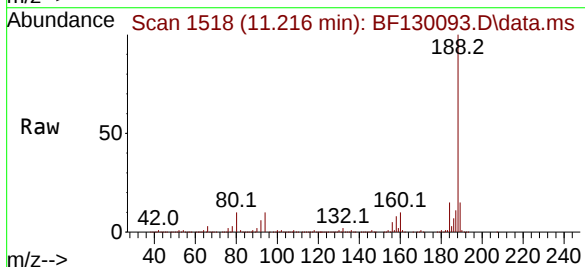
Instrument :  
BNA\_F  
ClientSampleId :  
WC-2

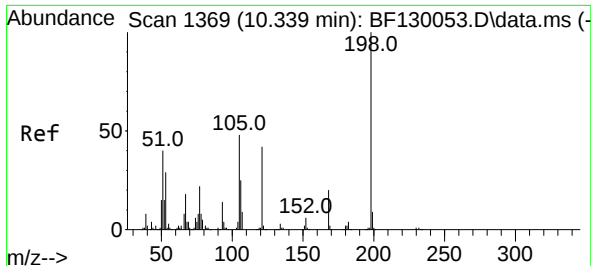
Tgt Ion:165 Resp: 61301  
Ion Ratio Lower Upper  
165 100  
63 0.8 48.4 72.6#  
89 1.2 62.3 93.5#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.216 min Scan# 1518  
Delta R.T. -0.006 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

Tgt Ion:188 Resp: 776013  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.4 11.2  
80 10.2 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 6.402 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130093.D

Acq: 01 Sep 2022 23:32

Instrument :

BNA\_F

ClientSampleId :

WC-2

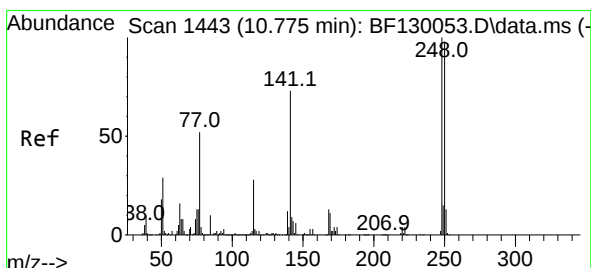
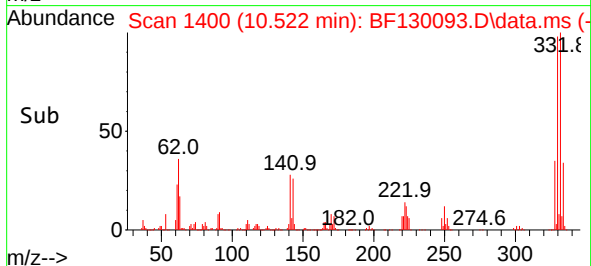
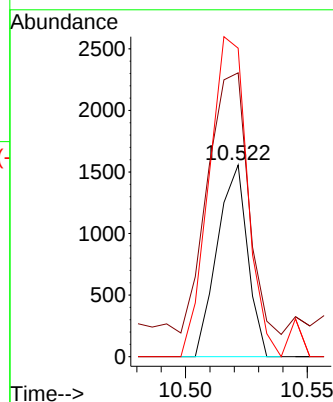
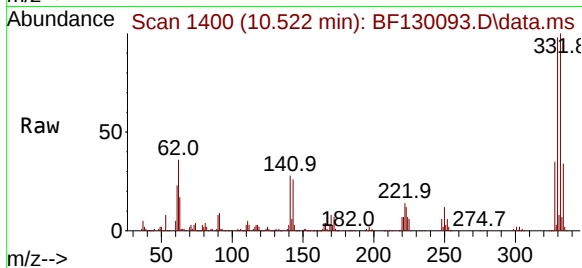
Tgt Ion:198 Resp: 1345

Ion Ratio Lower Upper

198 100

51 148.1 29.4 69.4#

105 161.0 29.2 69.2#



#67

4-Bromophenyl-phenylether

Concen: 4.080 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.253 min

Lab File: BF130093.D

Acq: 01 Sep 2022 23:32

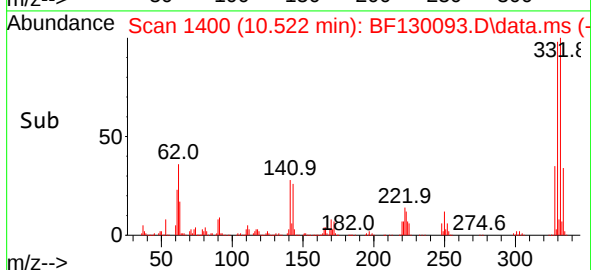
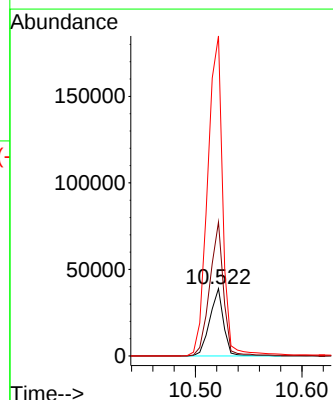
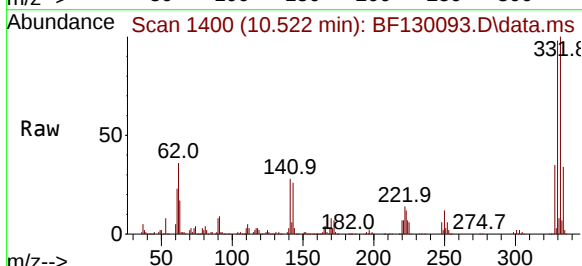
Tgt Ion:248 Resp: 35216

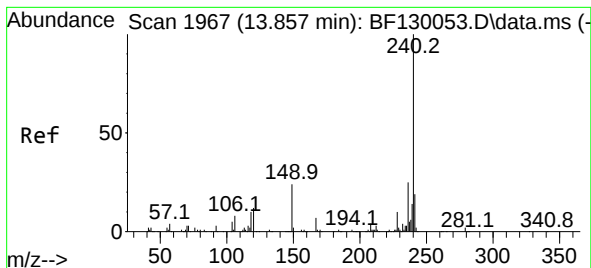
Ion Ratio Lower Upper

248 100

250 198.9 77.8 116.6#

141 475.5 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.839 min Scan# 1964

Delta R.T. -0.018 min

Lab File: BF130093.D

Acq: 01 Sep 2022 23:32

Instrument :

BNA\_F

ClientSampleId :

WC-2

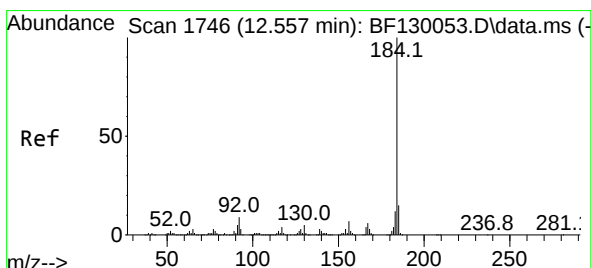
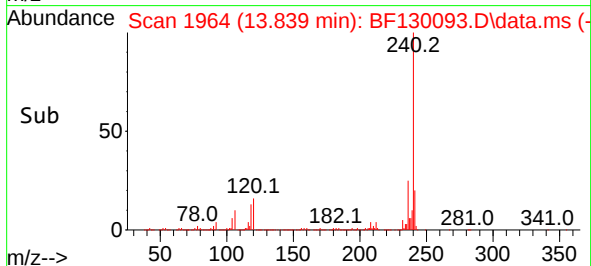
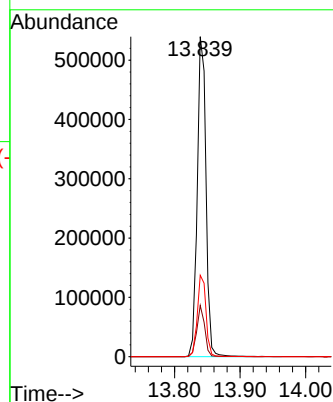
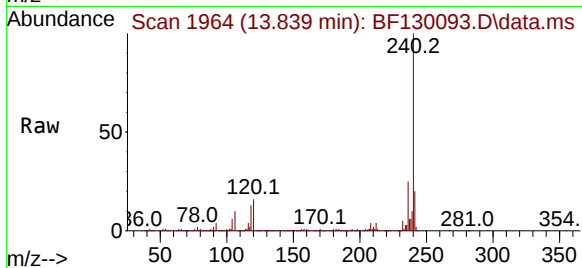
Tgt Ion:240 Resp: 500929

Ion Ratio Lower Upper

240 100

120 16.0 9.2 13.8#

236 25.5 20.7 31.1



#77

Benzdine

Concen: 2.351 ng

RT: 12.804 min Scan# 1788

Delta R.T. 0.247 min

Lab File: BF130093.D

Acq: 01 Sep 2022 23:32

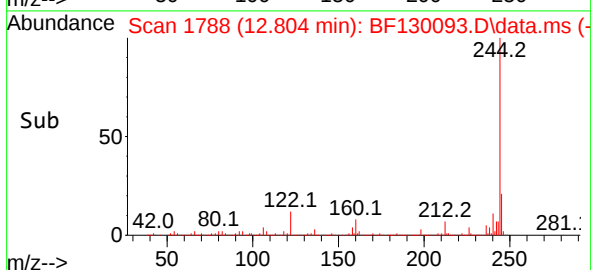
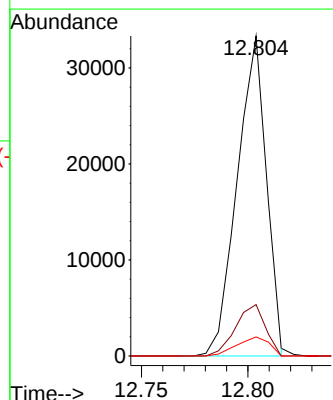
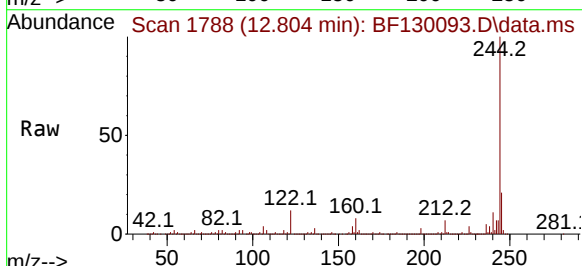
Tgt Ion:184 Resp: 31796

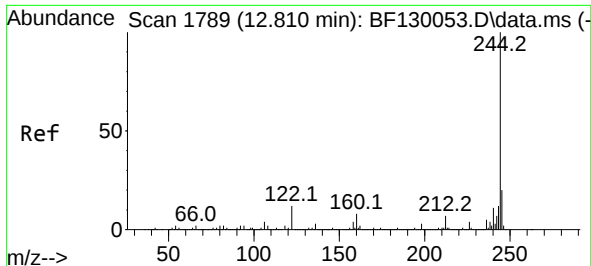
Ion Ratio Lower Upper

184 100

185 16.1 11.4 17.2

183 6.0 9.4 14.2#

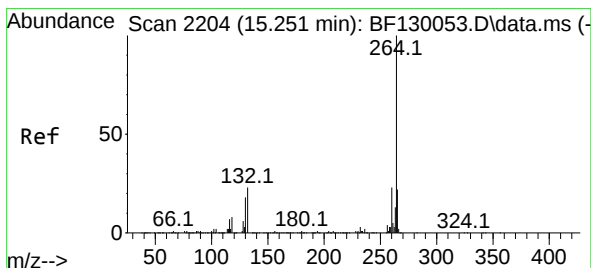
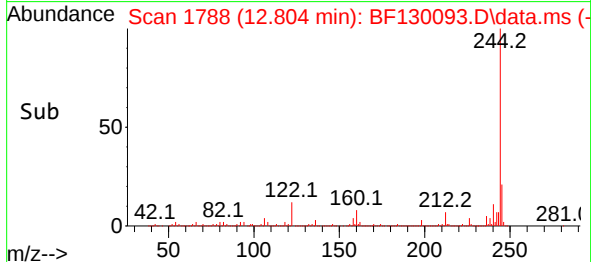
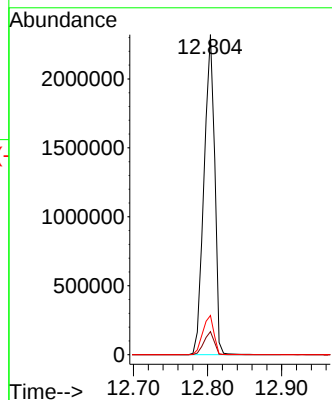
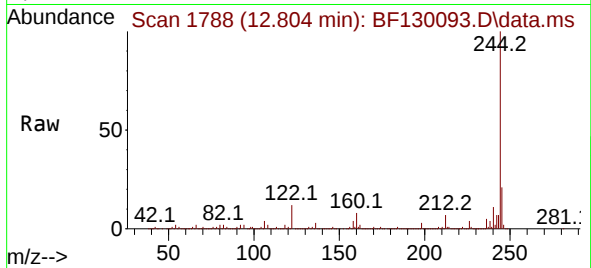




#79  
Terphenyl-d14  
Concen: 80.333 ng  
RT: 12.804 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
WC-2

Tgt Ion:244 Resp: 2320560  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.9 8.9  
122 12.2 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.245 min Scan# 2203  
Delta R.T. -0.006 min  
Lab File: BF130093.D  
Acq: 01 Sep 2022 23:32

Tgt Ion:264 Resp: 417946  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.1 28.7  
265 21.9 16.7 25.1

