

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031023\  
 Data File : BF132746.D  
 Acq On : 10 Mar 2023 17:39  
 Operator : CG\JU  
 Sample : 04857-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RT-70-1

Quant Time: Mar 11 03:04:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 09 16:26:19 2023  
 Response via : Initial Calibration

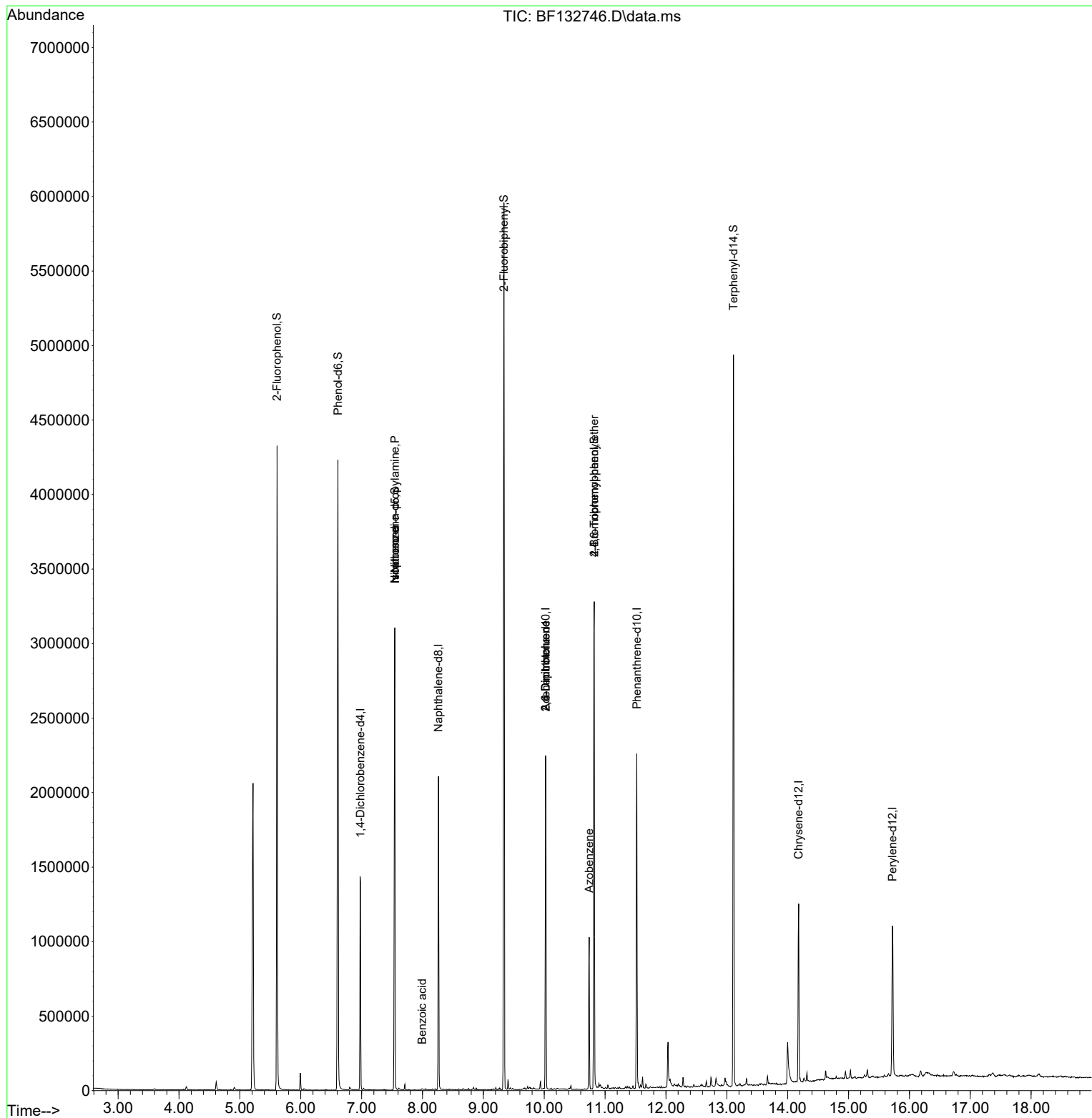
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.981  | 152  | 224174   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.263  | 136  | 806481   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.022 | 164  | 444130   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.522 | 188  | 817140   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.180 | 240  | 393550   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.721 | 264  | 475816   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.610  | 112  | 1250580  | 90.539 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.610  | 99   | 1574997  | 87.370 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.545  | 82   | 1023362  | 60.203 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.822 | 330  | 424704   | 88.546 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.339  | 172  | 1756095  | 60.206 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.110 | 244  | 1779988  | 76.471 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.545  | 70   | 134537   | 12.127 | ng    | # 74     |
| 25) Isophorone                | 7.545  | 82   | 1022204  | 31.366 | ng    | # 67     |
| 32) Benzoic acid              | 7.993  | 122  | 2107     | 4.030  | ng    | 96       |
| 51) 2,6-Dinitrotoluene        | 10.022 | 165  | 58911    | 7.999  | ng    | # 22     |
| 57) 2,4-Dinitrotoluene        | 10.022 | 165  | 58911    | 6.013  | ng    | # 21     |
| 63) Azobenzene                | 10.739 | 77   | 176952   | 5.290  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.822 | 248  | 28571    | 3.091  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

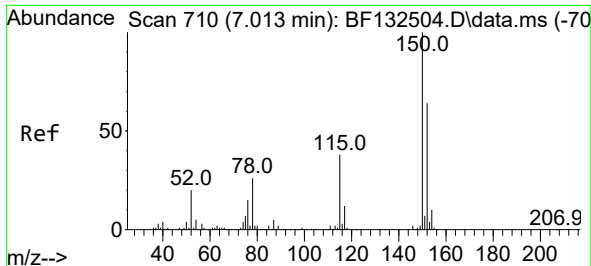
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031023\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 09 16:26:19 2023  
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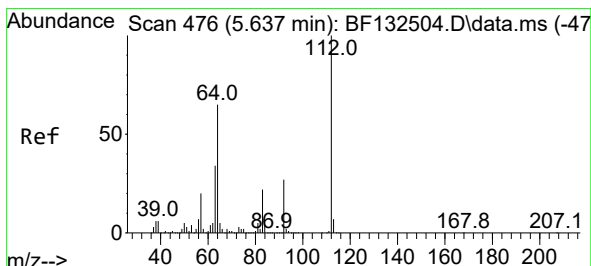
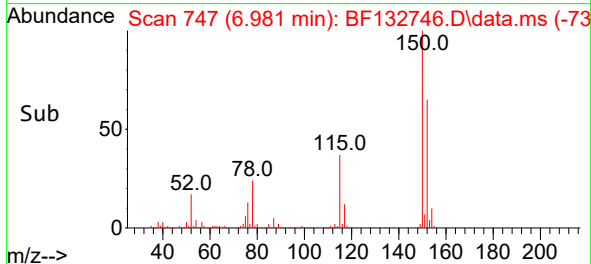
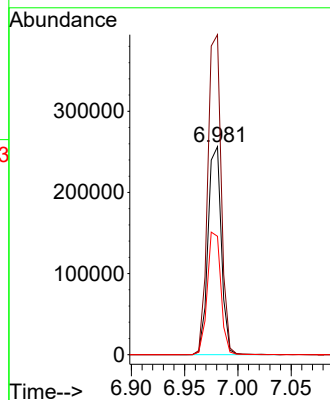
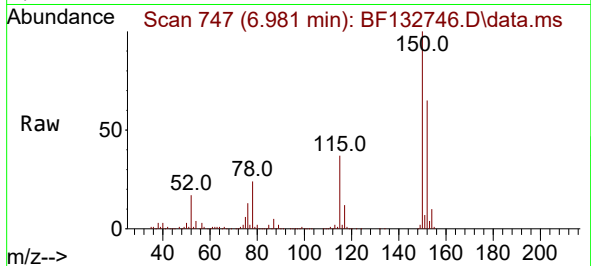




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.981 min Scan# 710  
Delta R.T. -0.000 min  
Lab File: BF132746.D  
Acq: 10 Mar 2023 17:39

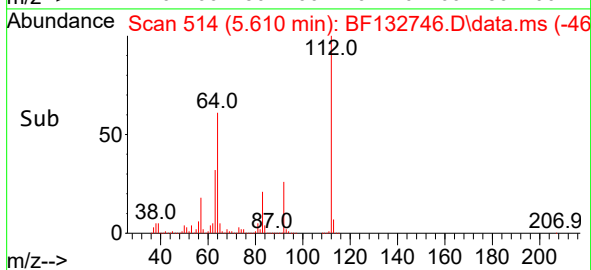
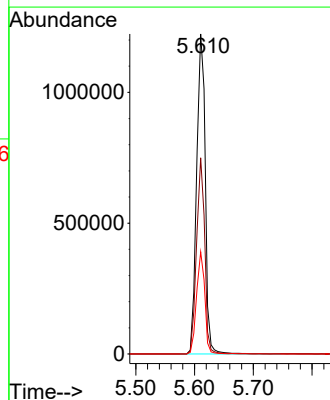
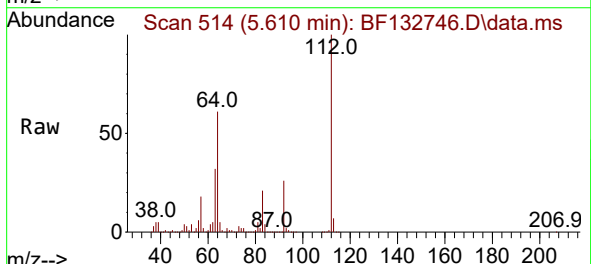
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BNA\_F  
ClientSampleId :  
RT-70-1

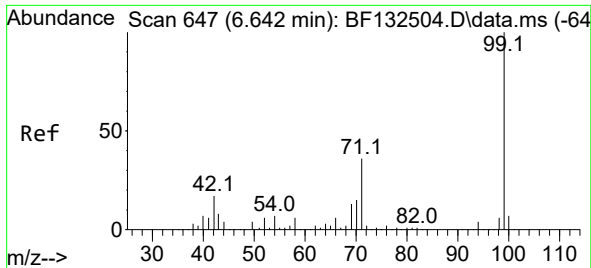
Tgt Ion:152 Resp: 224174  
Ion Ratio Lower Upper  
152 100  
150 153.8 125.4 188.2  
115 57.0 47.8 71.6



#5  
2-Fluorophenol  
Concen: 90.539 ng  
RT: 5.610 min Scan# 514  
Delta R.T. 0.000 min  
Lab File: BF132746.D  
Acq: 10 Mar 2023 17:39

Tgt Ion:112 Resp: 1250580  
Ion Ratio Lower Upper  
112 100  
64 61.3 51.6 77.4  
63 31.9 27.4 41.2

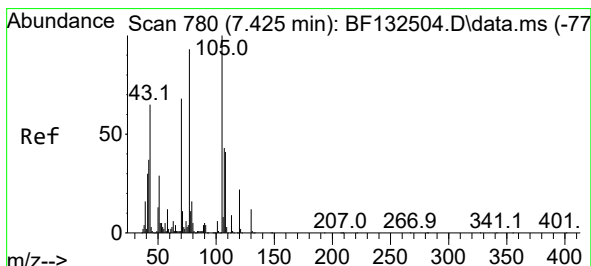
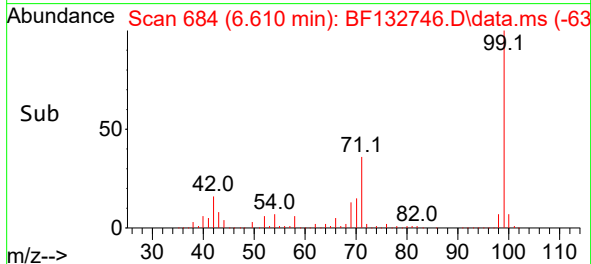
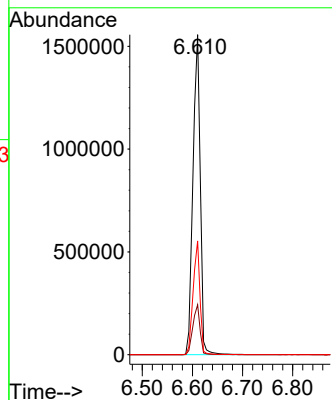
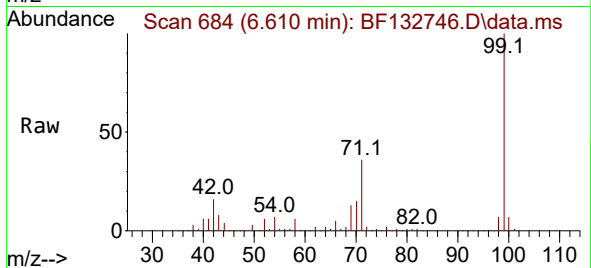




#7  
Phenol-d6  
Concen: 87.370 ng  
RT: 6.610 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BF132746.D  
Acq: 10 Mar 2023 17:39

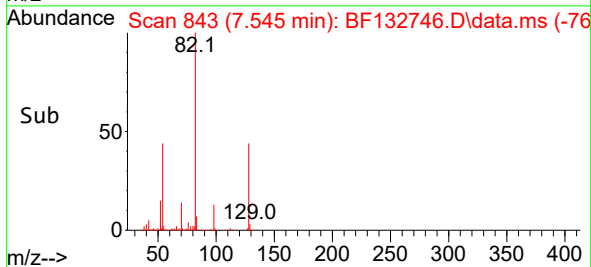
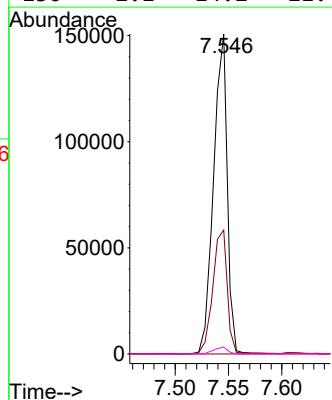
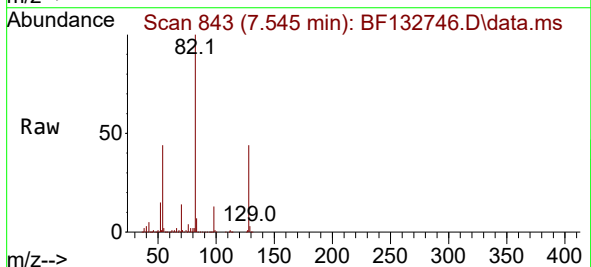
Instrument :  
BNA\_F  
ClientSampleId :  
RT-70-1

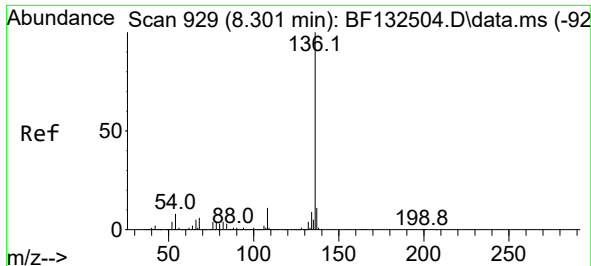
Tgt Ion: 99 Resp: 1574997  
Ion Ratio Lower Upper  
99 100  
42 15.6 13.9 20.9  
71 35.6 28.5 42.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.127 ng  
RT: 7.545 min Scan# 843  
Delta R.T. 0.147 min  
Lab File: BF132746.D  
Acq: 10 Mar 2023 17:39

Tgt Ion: 70 Resp: 134537  
Ion Ratio Lower Upper  
70 100  
42 38.7 44.1 66.1#  
101 0.0 7.4 11.2#  
130 2.1 14.2 21.4#

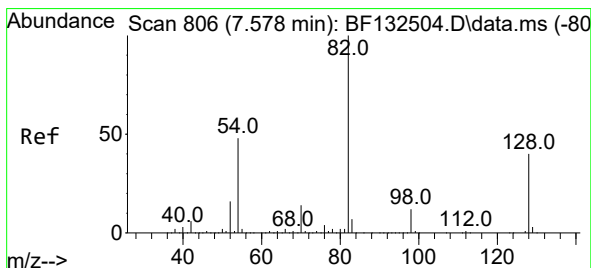
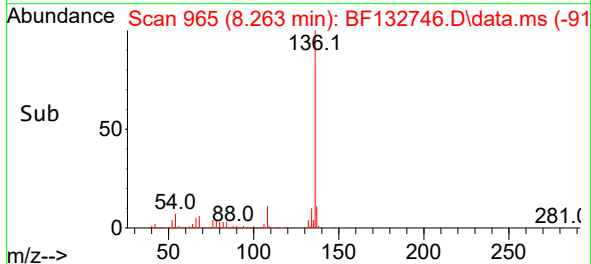
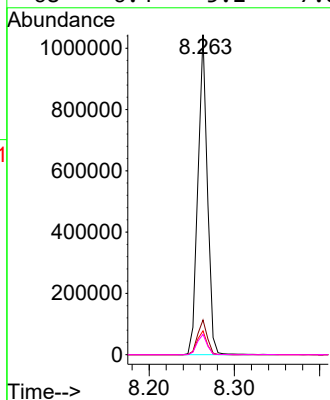
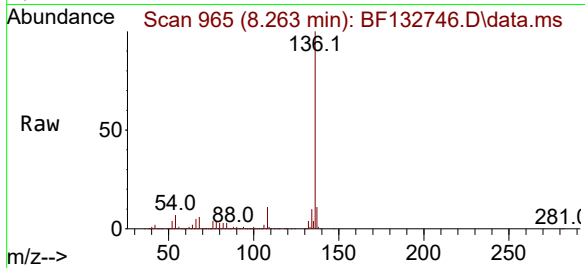




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.263 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF132746.D  
Acq: 10 Mar 2023 17:39

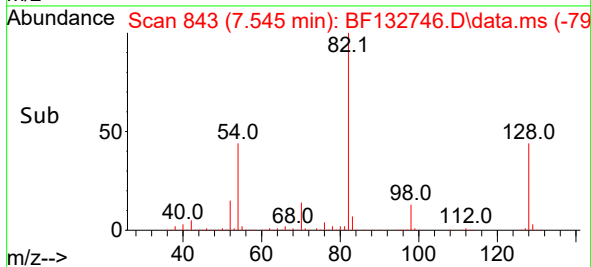
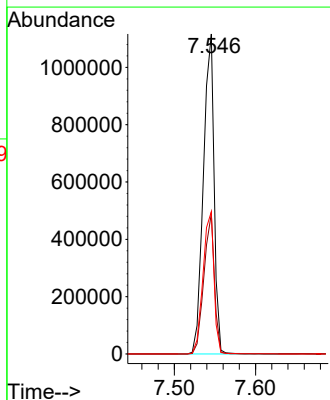
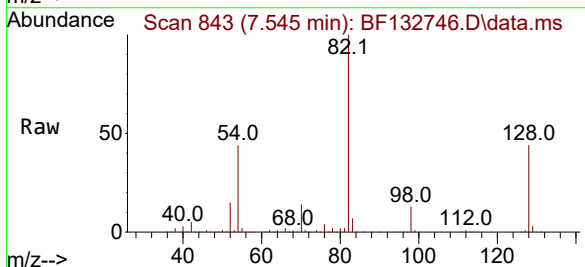
Instrument :  
BNA\_F  
ClientSampleId :  
RT-70-1

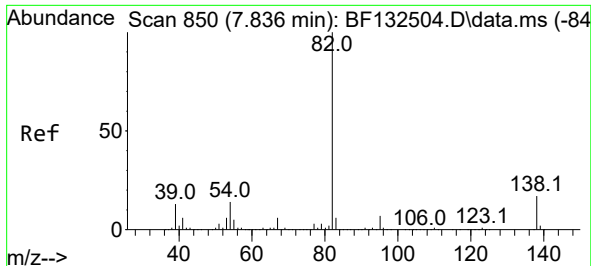
Tgt Ion:136 Resp: 806481  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 7.5 6.2 9.4  
68 6.4 5.2 7.8



#23  
Nitrobenzene-d5  
Concen: 60.203 ng  
RT: 7.545 min Scan# 843  
Delta R.T. -0.011 min  
Lab File: BF132746.D  
Acq: 10 Mar 2023 17:39

Tgt Ion: 82 Resp: 1023362  
Ion Ratio Lower Upper  
82 100  
128 43.8 32.2 48.2  
54 44.5 38.4 57.6

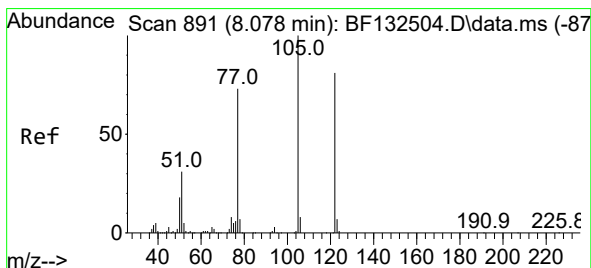
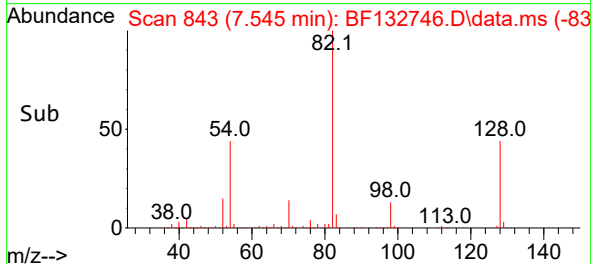
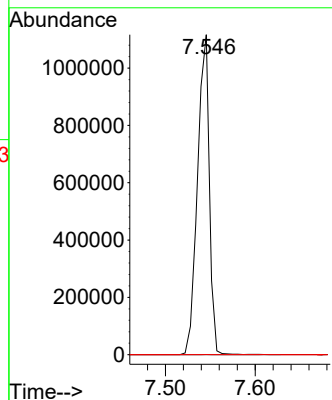
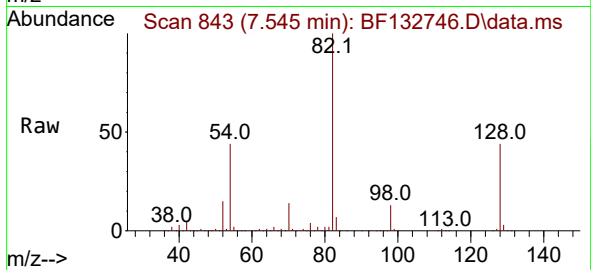




#25  
Isophorone  
Concen: 31.366 ng  
RT: 7.545 min Scan# 84  
Delta R.T. -0.264 min  
Lab File: BF132746.D  
Acq: 10 Mar 2023 17:39

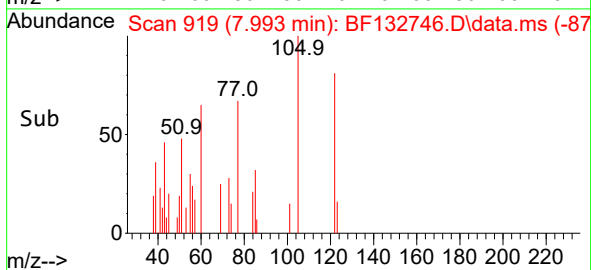
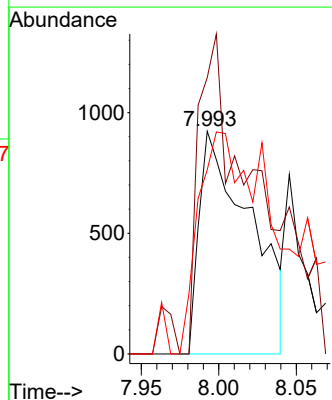
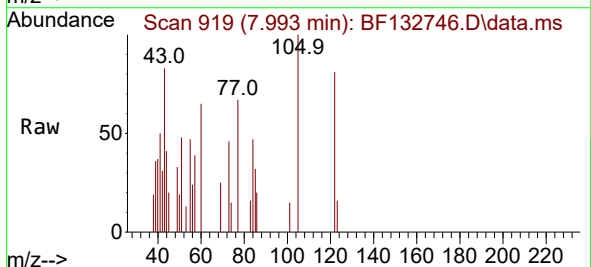
Instrument :  
BNA\_F  
ClientSampleId :  
RT-70-1

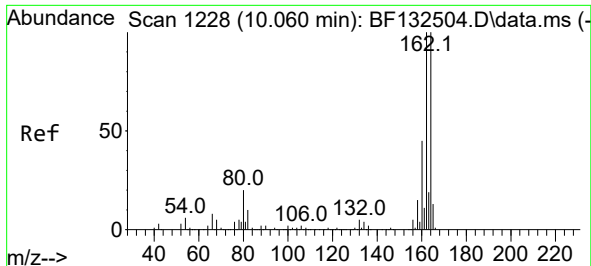
Tgt Ion: 82 Resp: 1022204  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 13.3 19.9#



#32  
Benzoic acid  
Concen: 4.030 ng  
RT: 7.993 min Scan# 919  
Delta R.T. -0.059 min  
Lab File: BF132746.D  
Acq: 10 Mar 2023 17:39

Tgt Ion:122 Resp: 2107  
Ion Ratio Lower Upper  
122 100  
105 124.1 102.6 142.6  
77 82.7 70.2 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF132746.D

Acq: 10 Mar 2023 17:39

Instrument :

BNA\_F

ClientSampleId :

RT-70-1

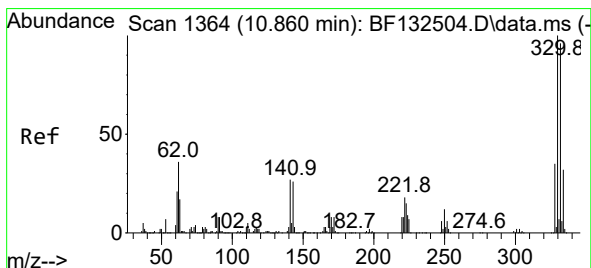
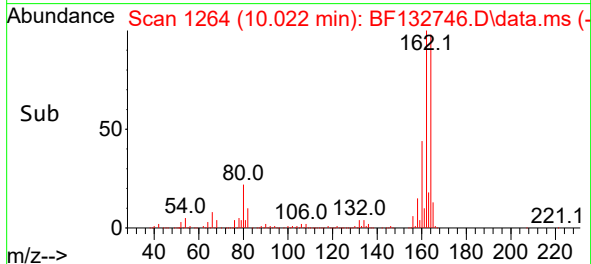
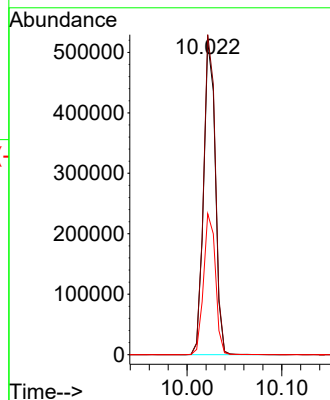
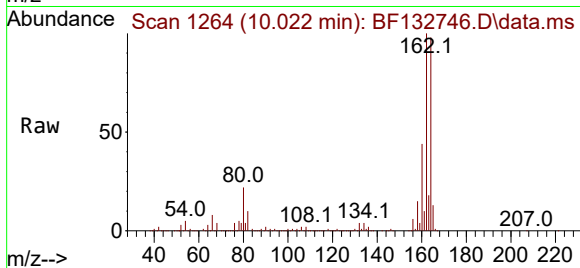
Tgt Ion:164 Resp: 444130

Ion Ratio Lower Upper

164 100

162 102.2 79.8 119.8

160 45.0 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 88.546 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF132746.D

Acq: 10 Mar 2023 17:39

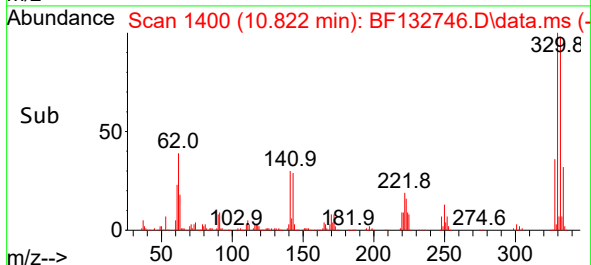
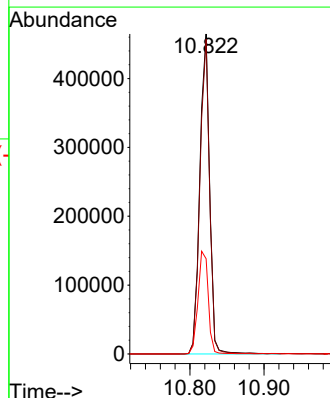
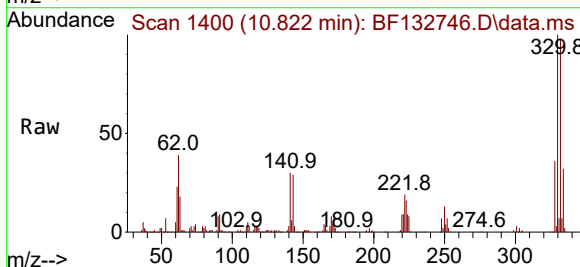
Tgt Ion:330 Resp: 424704

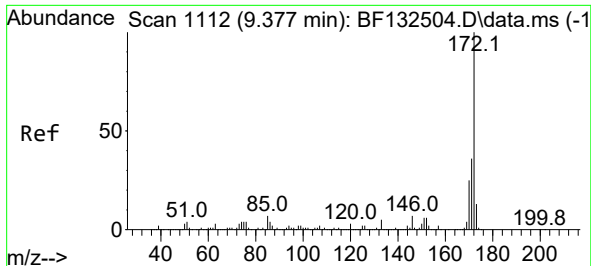
Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 33.9 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 60.206 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132746.D

Acq: 10 Mar 2023 17:39

Instrument :

BNA\_F

ClientSampleId :

RT-70-1

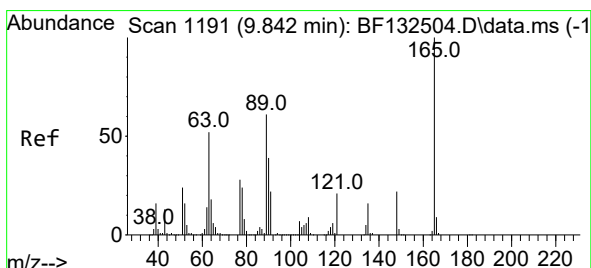
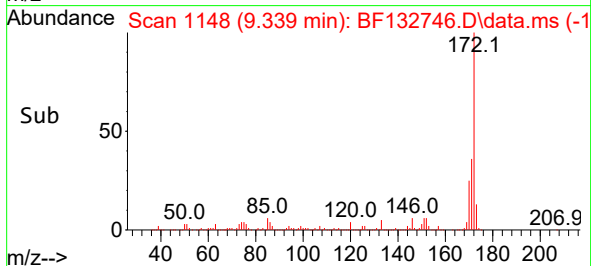
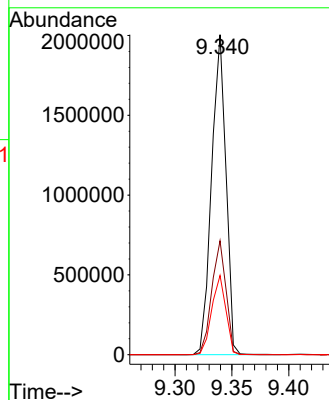
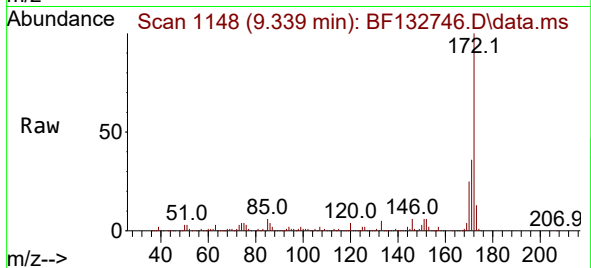
Tgt Ion:172 Resp: 1756095

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.7 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.999 ng

RT: 10.022 min Scan# 1264

Delta R.T. 0.206 min

Lab File: BF132746.D

Acq: 10 Mar 2023 17:39

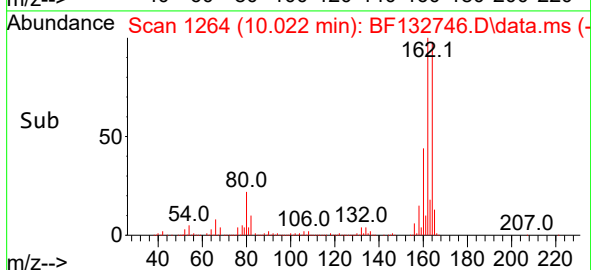
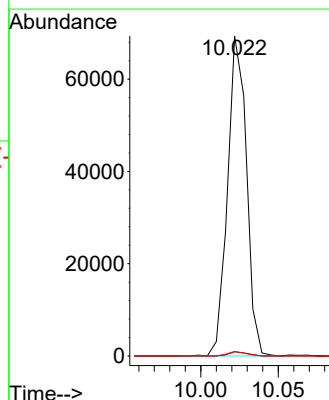
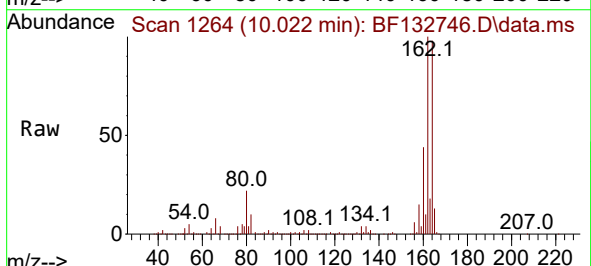
Tgt Ion:165 Resp: 58911

Ion Ratio Lower Upper

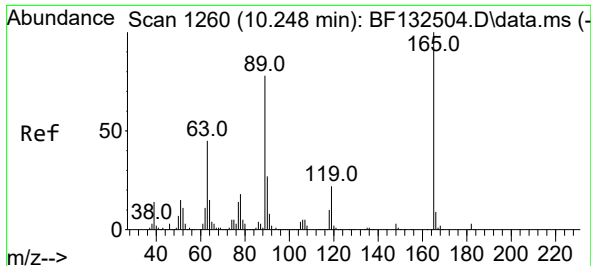
165 100

63 1.3 47.3 70.9#

89 1.4 48.9 73.3#



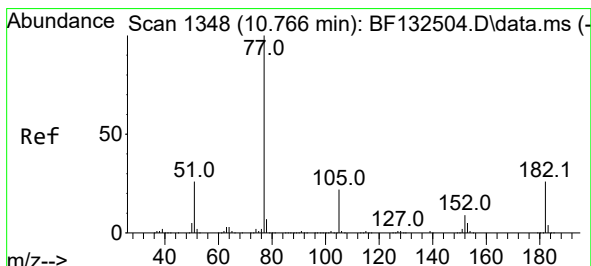
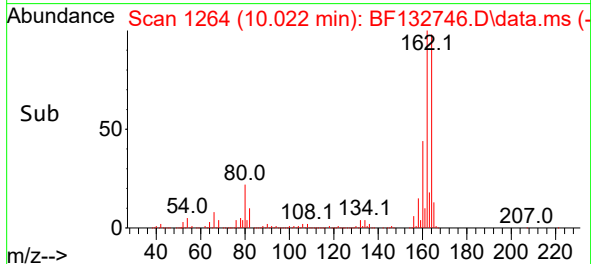
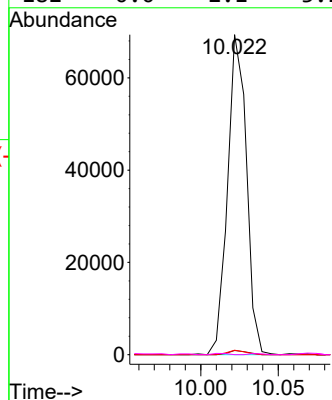
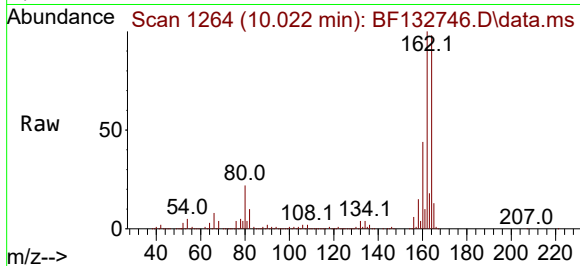




#57  
2,4-Dinitrotoluene  
Concen: 6.013 ng  
RT: 10.022 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF132746.D  
Acq: 10 Mar 2023 17:39

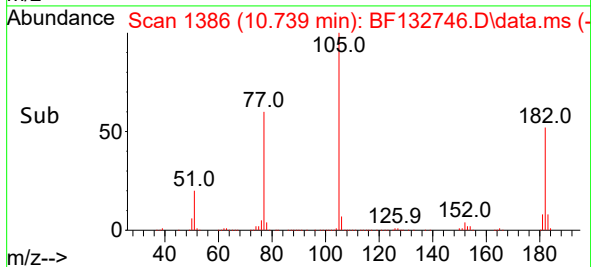
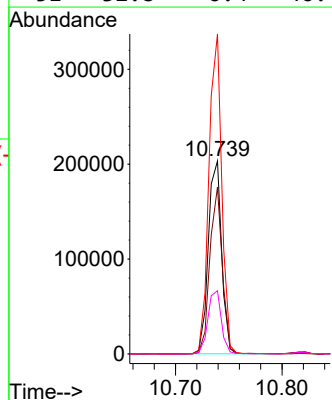
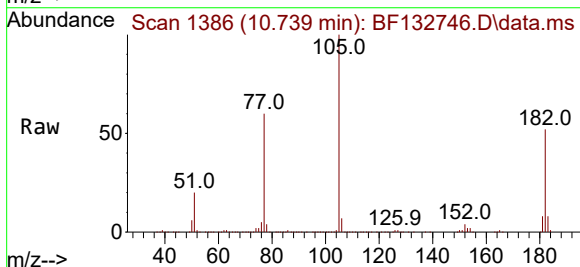
Instrument :  
BNA\_F  
ClientSampleId :  
RT-70-1

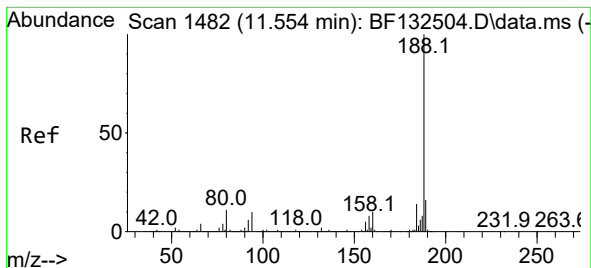
Tgt Ion:165 Resp: 58911  
Ion Ratio Lower Upper  
165 100  
63 1.3 36.5 54.7#  
89 1.4 62.4 93.6#  
182 0.0 2.1 3.1#



#63  
Azobenzene  
Concen: 5.290 ng  
RT: 10.739 min Scan# 1386  
Delta R.T. 0.006 min  
Lab File: BF132746.D  
Acq: 10 Mar 2023 17:39

Tgt Ion: 77 Resp: 176952  
Ion Ratio Lower Upper  
77 100  
182 86.5 5.5 45.5#  
105 165.9 1.8 41.8#  
51 32.8 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.522 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132746.D

Acq: 10 Mar 2023 17:39

Instrument :

BNA\_F

ClientSampleId :

RT-70-1

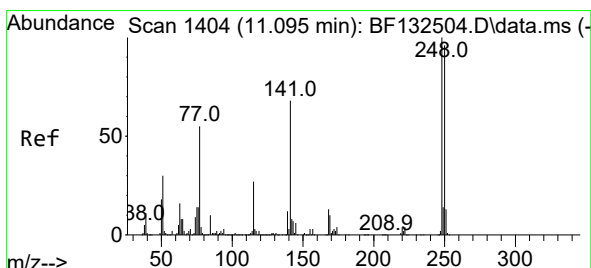
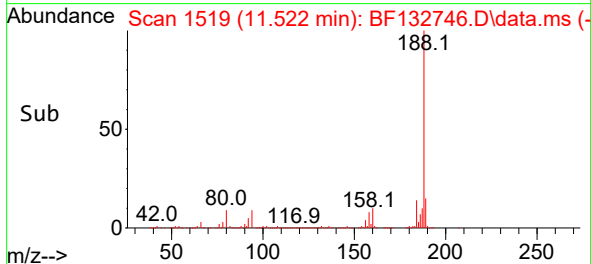
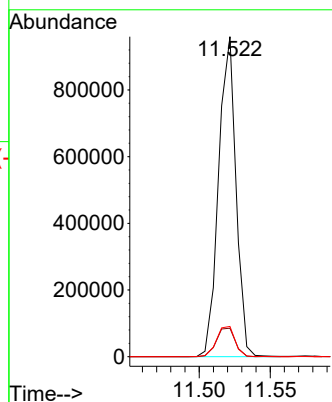
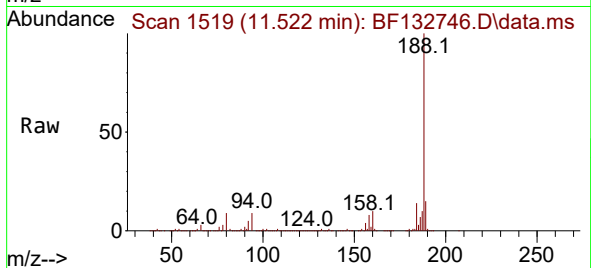
Tgt Ion:188 Resp: 817140

Ion Ratio Lower Upper

188 100

94 8.9 8.3 12.5

80 9.4 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 3.091 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.241 min

Lab File: BF132746.D

Acq: 10 Mar 2023 17:39

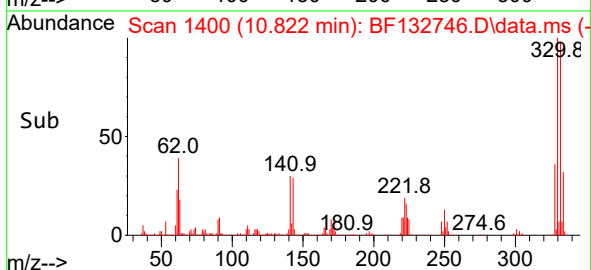
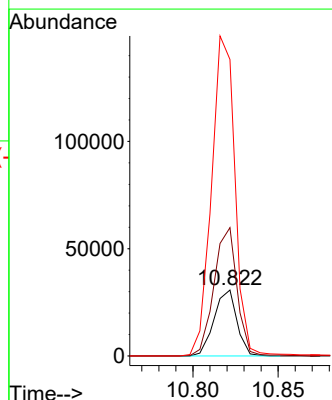
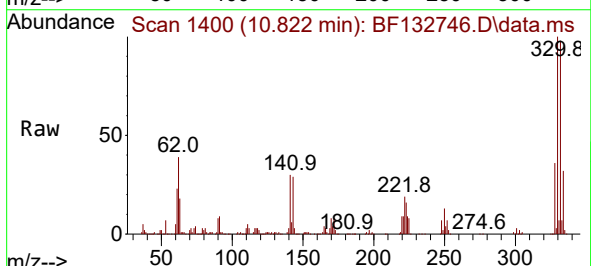
Tgt Ion:248 Resp: 28571

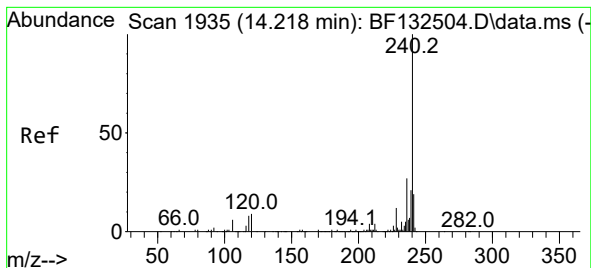
Ion Ratio Lower Upper

248 100

250 194.8 77.0 115.4#

141 449.9 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.180 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF132746.D

Acq: 10 Mar 2023 17:39

Instrument :

BNA\_F

ClientSampleId :

RT-70-1

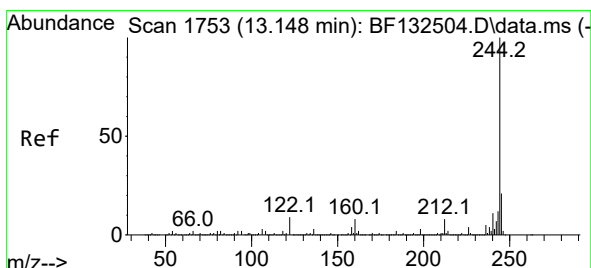
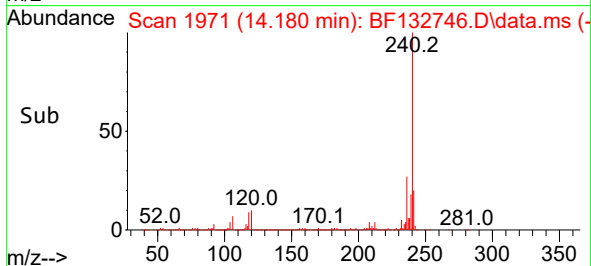
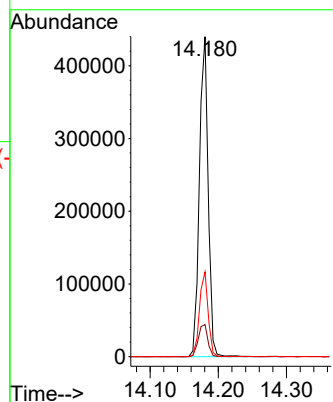
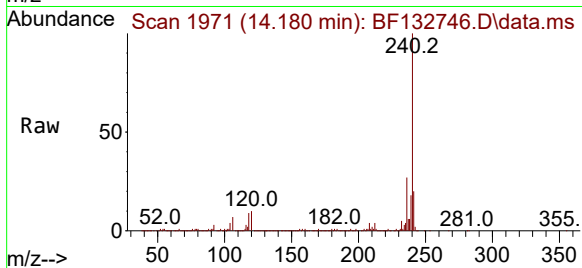
Tgt Ion:240 Resp: 393550

Ion Ratio Lower Upper

240 100

120 10.1 7.2 10.8

236 26.5 21.8 32.6



#79

Terphenyl-d14

Concen: 76.471 ng

RT: 13.110 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF132746.D

Acq: 10 Mar 2023 17:39

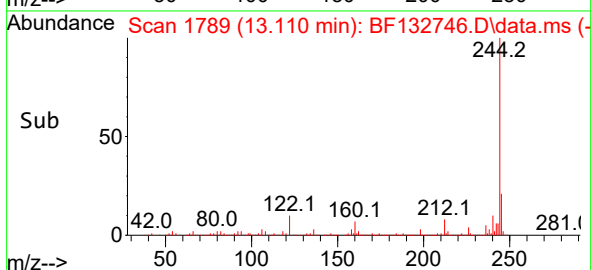
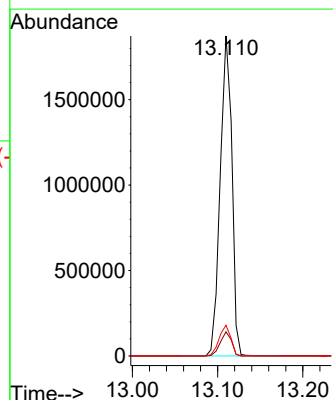
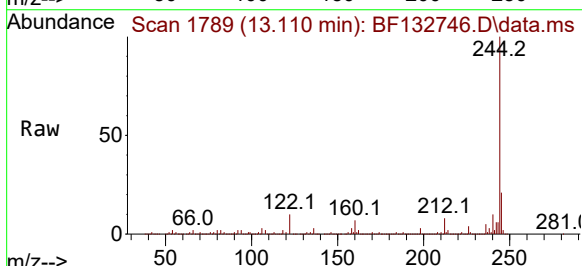
Tgt Ion:244 Resp: 1779988

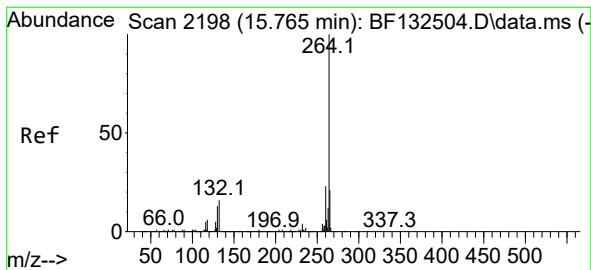
Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 9.6 7.5 11.3





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.721 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF132746.D  
 Acq: 10 Mar 2023 17:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RT-70-1

Tgt Ion:264 Resp: 475816  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 18.8 28.2  
 265 21.8 17.1 25.7

