

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022123\  
 Data File : BF132492.D  
 Acq On : 21 Feb 2023 12:46  
 Operator : CG\JU  
 Sample : PB150950BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150950BL

Quant Time: Feb 22 00:49:39 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 21 16:43:07 2023  
 Response via : Initial Calibration

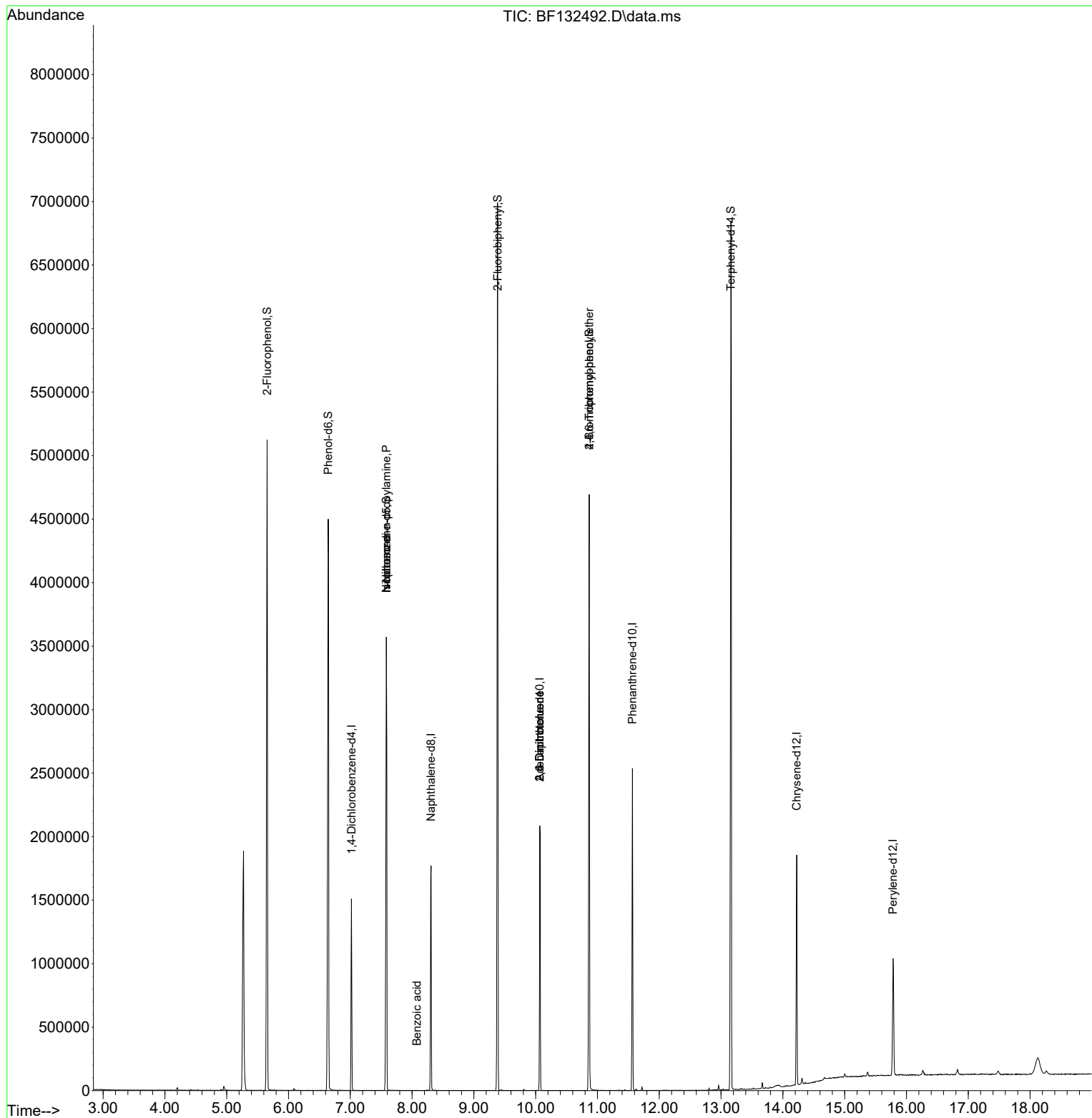
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.019  | 152  | 198849   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.307  | 136  | 762863   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.066 | 164  | 431180   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.566 | 188  | 862813   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.224 | 240  | 579975   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.783 | 264  | 444229   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.654  | 112  | 1493485  | 120.348 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.642  | 99   | 1962211  | 121.093 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.584  | 82   | 1310900  | 82.568  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.866 | 330  | 560247   | 130.228 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.383  | 172  | 2108850  | 75.530  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.160 | 244  | 2736758  | 85.938  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.584  | 70   | 176600   | 17.777  | ng    | # 78     |
| 25) Isophorone                | 7.584  | 82   | 1308861  | 41.954  | ng    | # 68     |
| 32) Benzoic acid              | 8.078  | 122  | 56       | 7.155   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 10.066 | 165  | 55754    | 8.074   | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 10.066 | 165  | 55754    | 6.134   | ng    | # 20     |
| 67) 4-Bromophenyl-phenylether | 10.866 | 248  | 36391    | 3.848   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

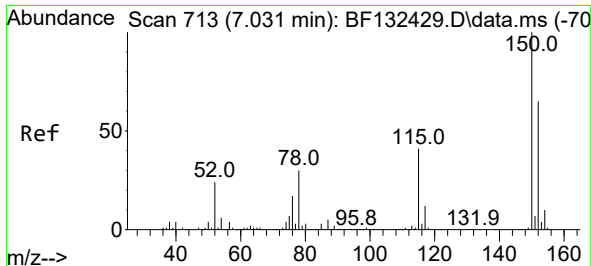
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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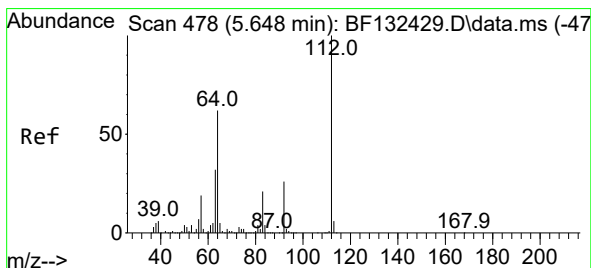
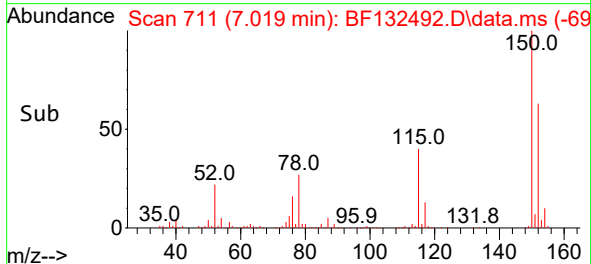
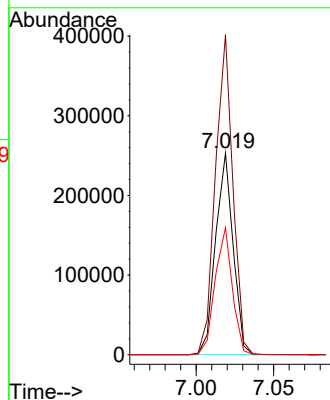
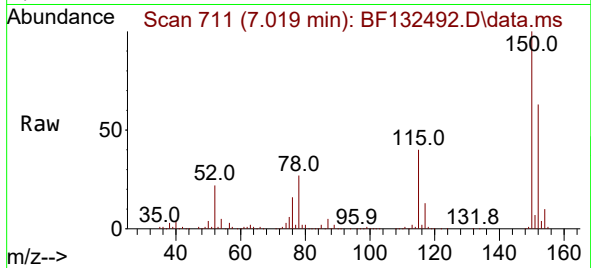




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.019 min Scan# 713  
Delta R.T. -0.006 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

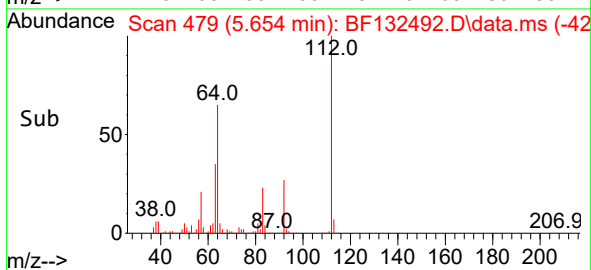
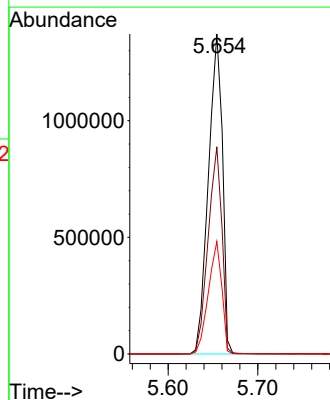
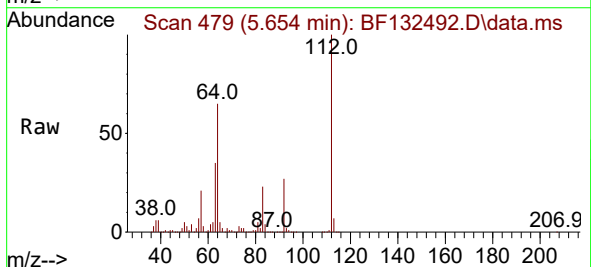
Instrument :  
BNA\_F  
ClientSampleId :  
PB150950BL

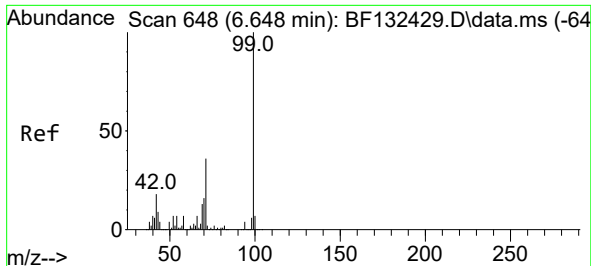
Tgt Ion:152 Resp: 198849  
Ion Ratio Lower Upper  
152 100  
150 158.8 123.8 185.8  
115 63.0 50.4 75.6



#5  
2-Fluorophenol  
Concen: 120.348 ng  
RT: 5.654 min Scan# 479  
Delta R.T. 0.012 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

Tgt Ion:112 Resp: 1493485  
Ion Ratio Lower Upper  
112 100  
64 64.7 49.7 74.5  
63 35.1 25.8 38.8

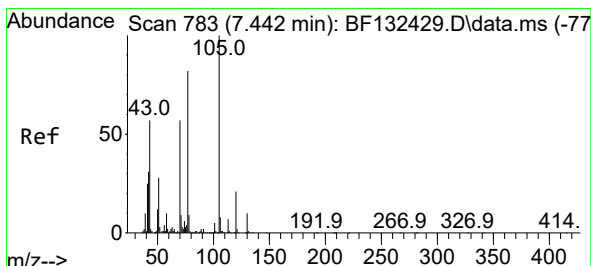
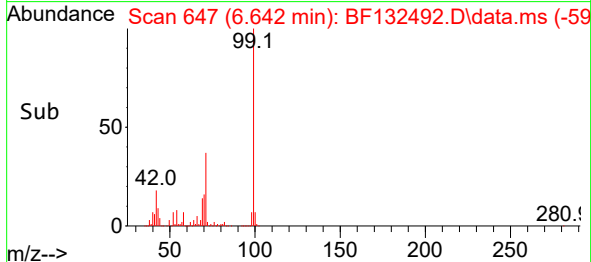
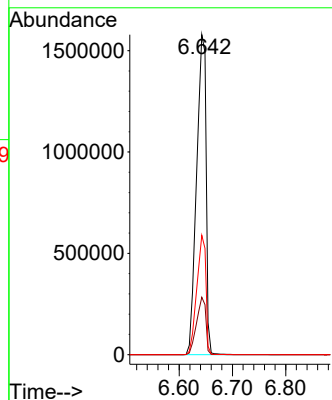
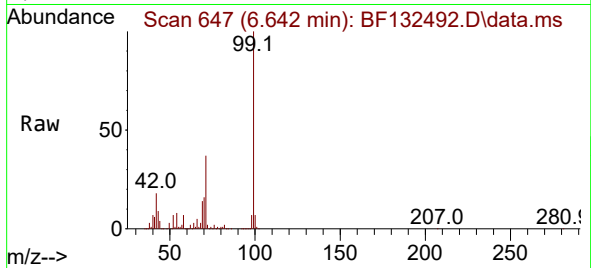




#7  
Phenol-d6  
Concen: 121.093 ng  
RT: 6.642 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

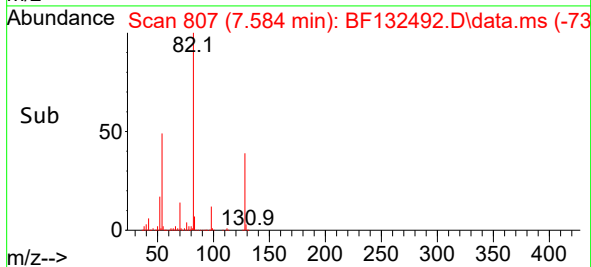
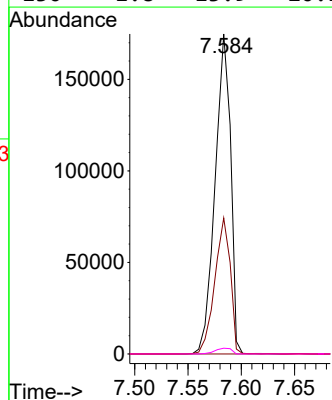
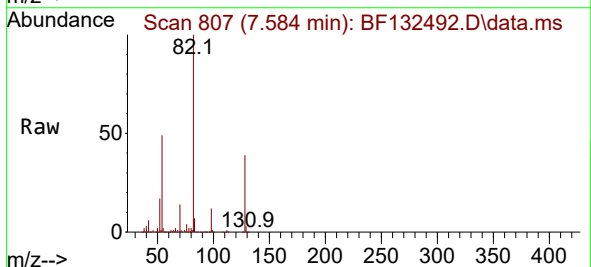
Instrument :  
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ClientSampleId :  
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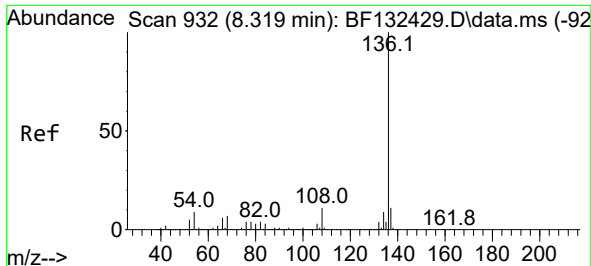
Tgt Ion: 99 Resp: 1962211  
Ion Ratio Lower Upper  
99 100  
42 17.9 14.6 21.8  
71 37.3 28.7 43.1



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.777 ng  
RT: 7.584 min Scan# 807  
Delta R.T. 0.147 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

Tgt Ion: 70 Resp: 176600  
Ion Ratio Lower Upper  
70 100  
42 42.5 43.5 65.3#  
101 0.0 7.3 10.9#  
130 1.8 13.9 20.9#

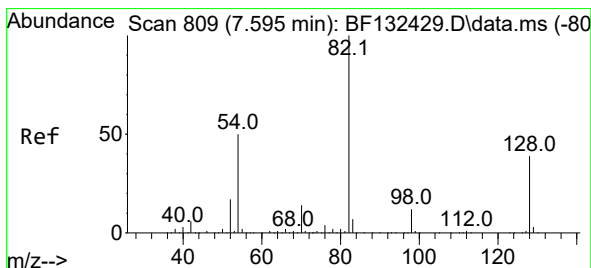
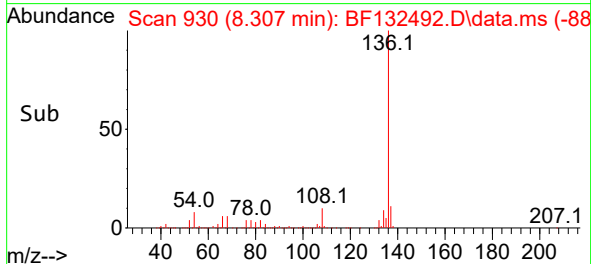
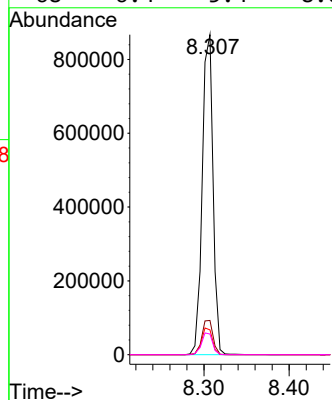
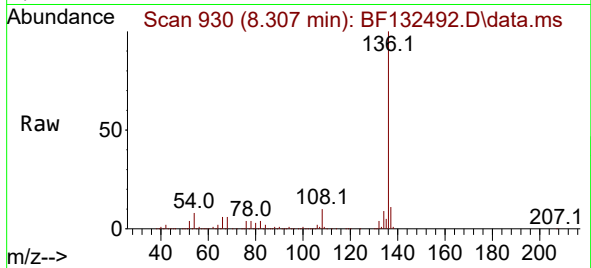




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.307 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

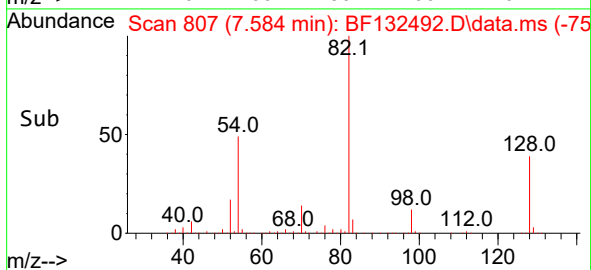
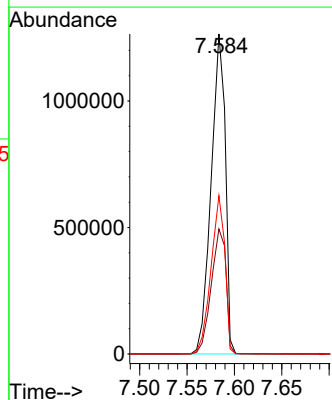
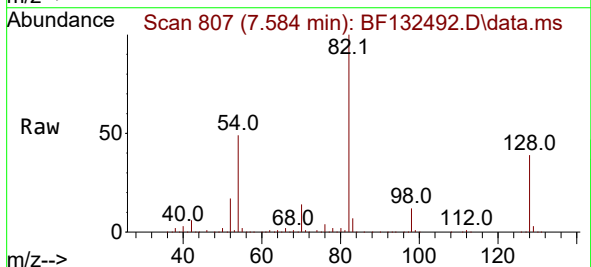
Instrument :  
BNA\_F  
ClientSampleId :  
PB150950BL

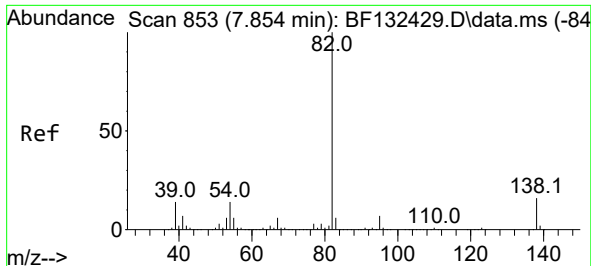
Tgt Ion:136 Resp: 762863  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 7.7 6.9 10.3  
68 6.4 5.4 8.0



#23  
Nitrobenzene-d5  
Concen: 82.568 ng  
RT: 7.584 min Scan# 807  
Delta R.T. -0.012 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

Tgt Ion: 82 Resp: 1310900  
Ion Ratio Lower Upper  
82 100  
128 39.0 30.8 46.2  
54 49.5 40.2 60.4

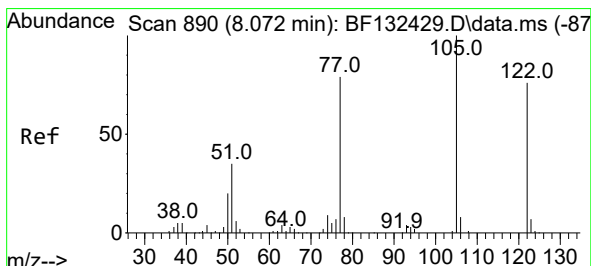
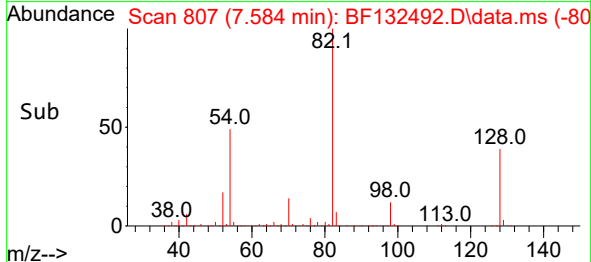
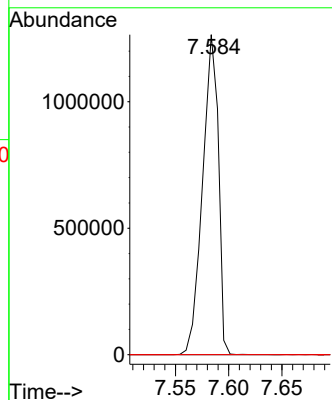
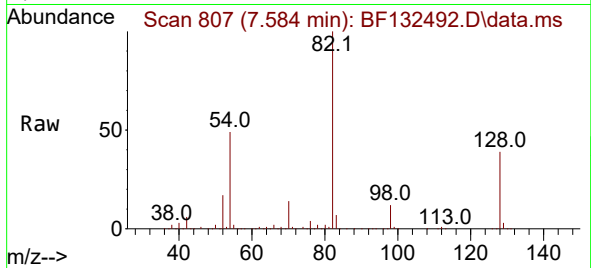




#25  
Isophorone  
Concen: 41.954 ng  
RT: 7.584 min Scan# 80  
Delta R.T. -0.265 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

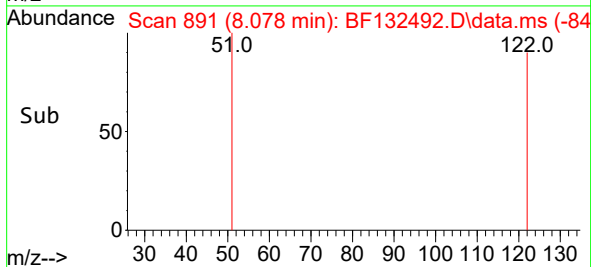
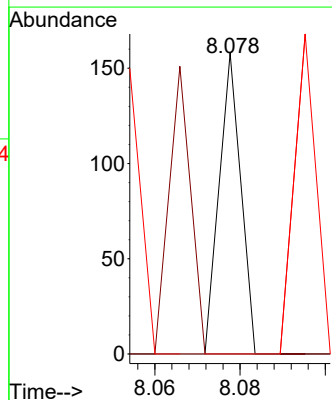
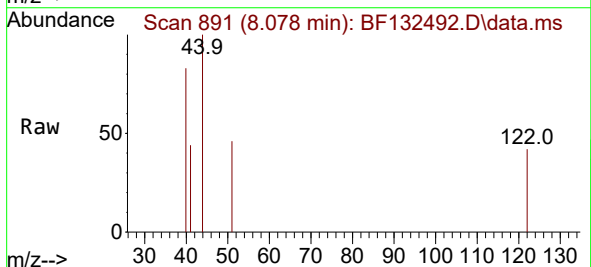
Instrument :  
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ClientSampleId :  
PB150950BL

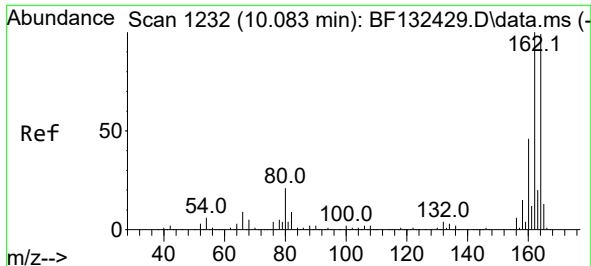
Tgt Ion: 82 Resp: 1308861  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 12.7 19.1#



#32  
Benzoic acid  
Concen: 7.155 ng  
RT: 8.078 min Scan# 891  
Delta R.T. 0.000 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

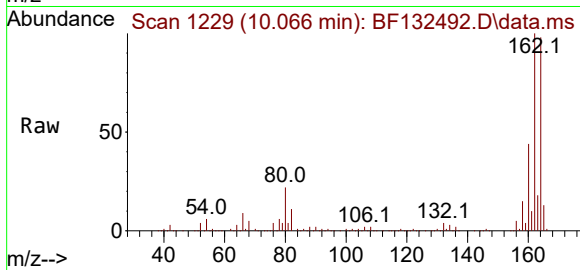
Tgt Ion:122 Resp: 56  
Ion Ratio Lower Upper  
122 100  
105 0.0 109.7 149.7#  
77 0.0 83.8 123.8#



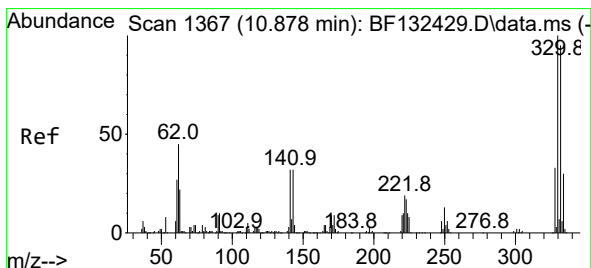
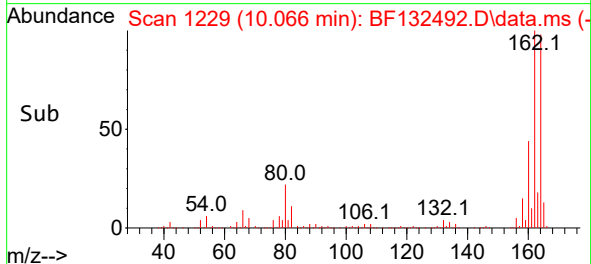
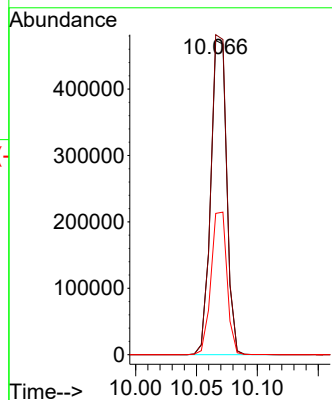


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.066 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

Instrument :  
BNA\_F  
ClientSampleId :  
PB150950BL

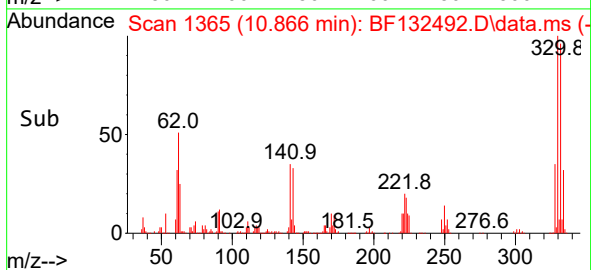
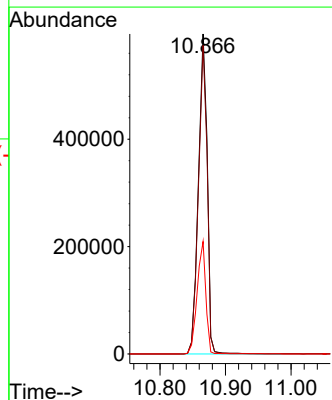
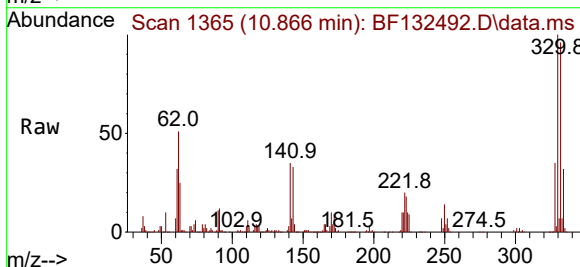


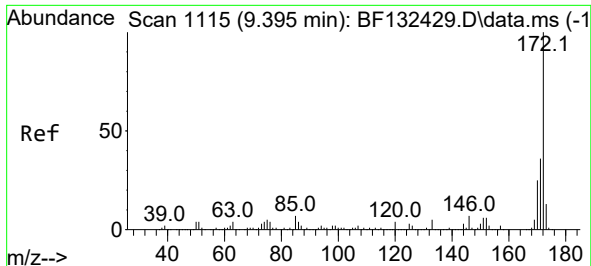
Tgt Ion:164 Resp: 431180  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.8 121.2  
160 45.0 37.2 55.8



#42  
2,4,6-Tribromophenol  
Concen: 130.228 ng  
RT: 10.866 min Scan# 1365  
Delta R.T. -0.006 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

Tgt Ion:330 Resp: 560247  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.3 114.5  
141 34.6 30.3 45.5





#45

2-Fluorobiphenyl

Concen: 75.530 ng

RT: 9.383 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF132492.D

Acq: 21 Feb 2023 12:46

Instrument :

BNA\_F

ClientSampleId :

PB150950BL

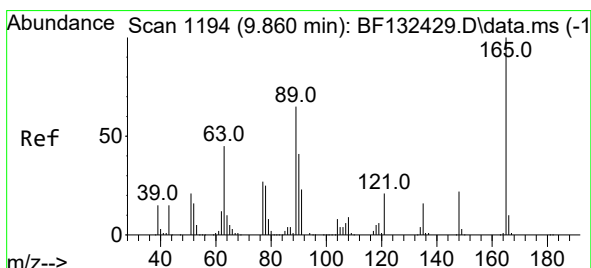
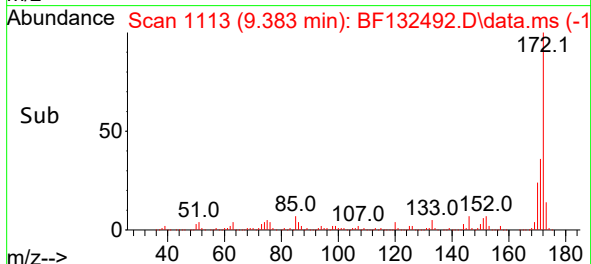
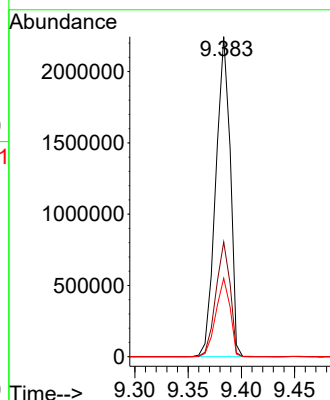
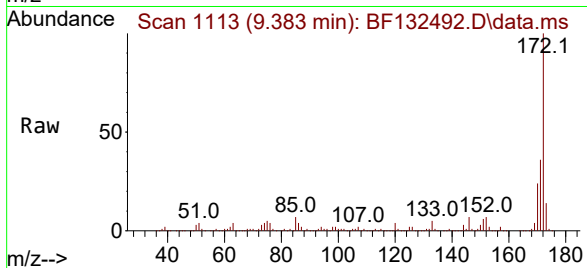
Tgt Ion:172 Resp: 2108850

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 24.5 19.9 29.9



#51

2,6-Dinitrotoluene

Concen: 8.074 ng

RT: 10.066 min Scan# 1229

Delta R.T. 0.212 min

Lab File: BF132492.D

Acq: 21 Feb 2023 12:46

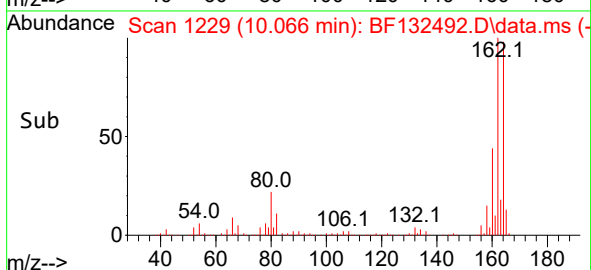
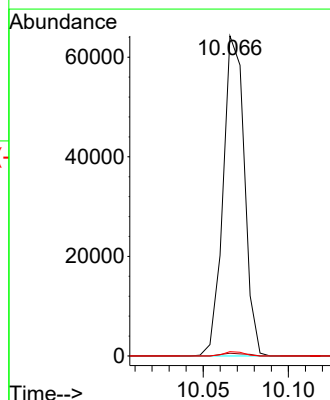
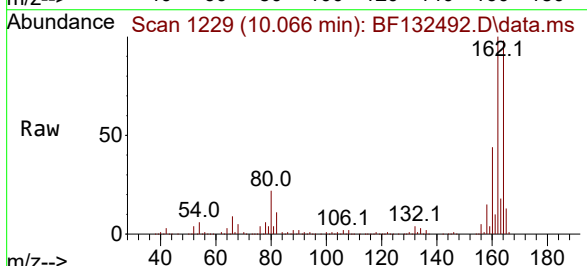
Tgt Ion:165 Resp: 55754

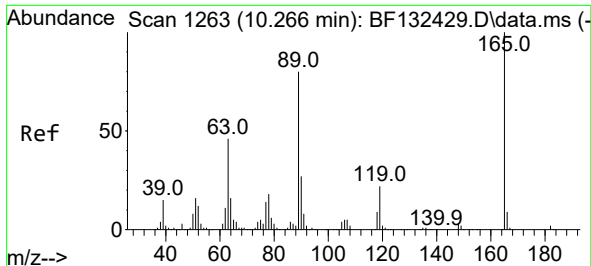
Ion Ratio Lower Upper

165 100

63 0.9 50.4 75.6#

89 1.4 52.2 78.2#

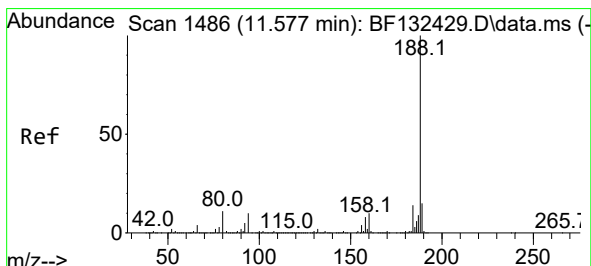
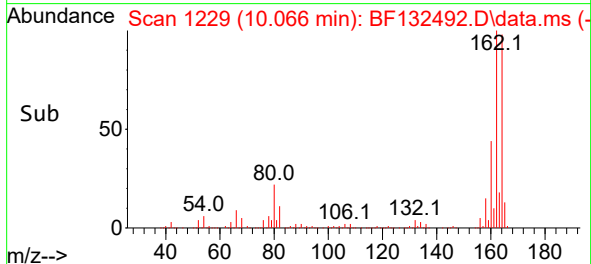
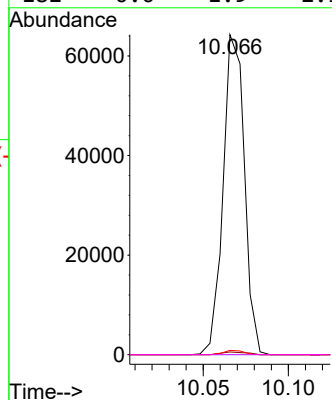
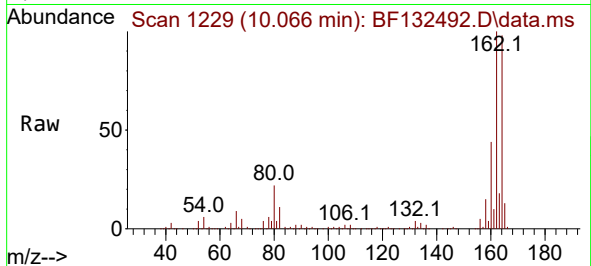




#57  
2,4-Dinitrotoluene  
Concen: 6.134 ng  
RT: 10.066 min Scan# 11  
Delta R.T. -0.194 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

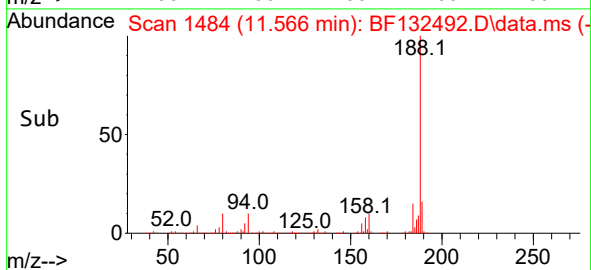
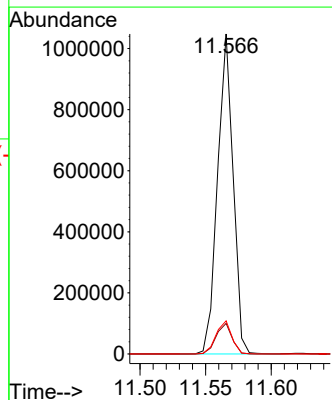
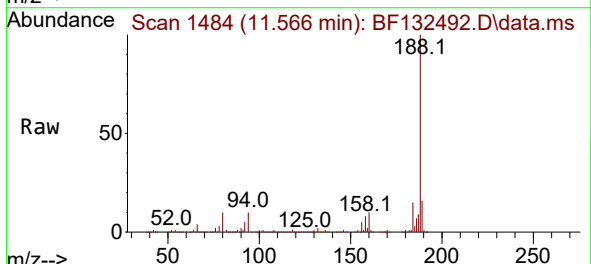
Instrument :  
BNA\_F  
ClientSampleId :  
PB150950BL

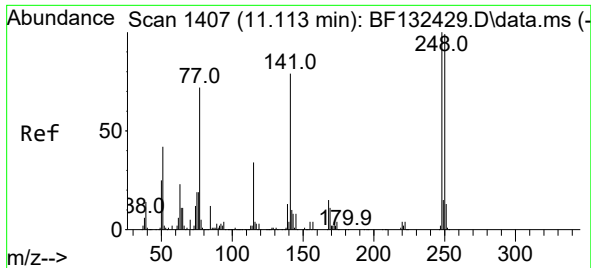
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Ion Ratio Lower Upper  
165 100  
63 0.9 37.1 55.7#  
89 1.4 63.6 95.4#  
182 0.0 1.9 2.9#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.566 min Scan# 1484  
Delta R.T. -0.006 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

Tgt Ion:188 Resp: 862813  
Ion Ratio Lower Upper  
188 100  
94 9.6 8.0 12.0  
80 10.4 8.6 12.8

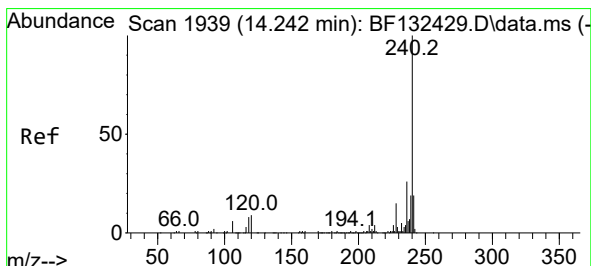
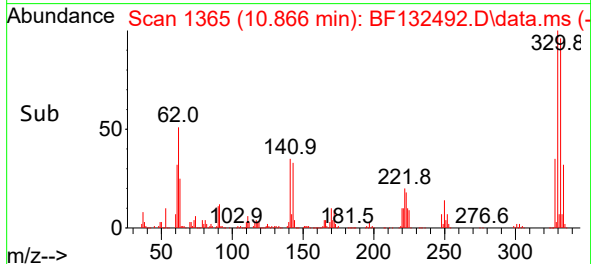
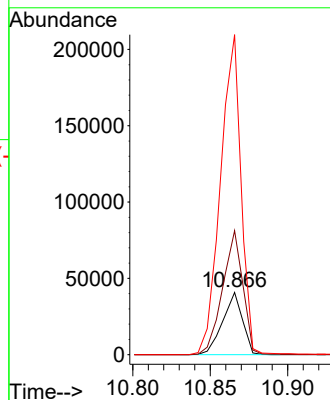
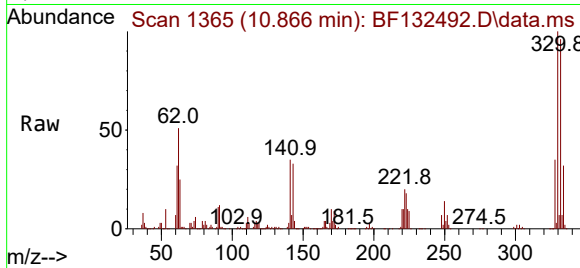




#67  
4-Bromophenyl-phenylether  
Concen: 3.848 ng  
RT: 10.866 min Scan# 11  
Delta R.T. -0.241 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

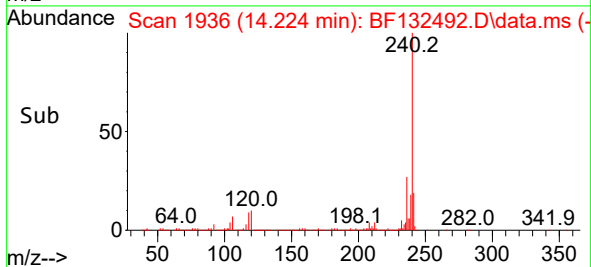
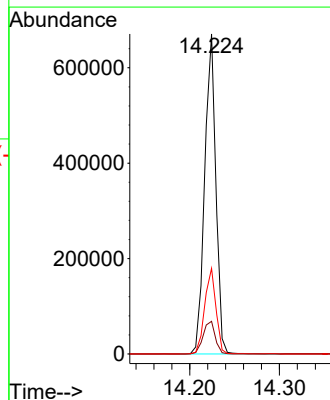
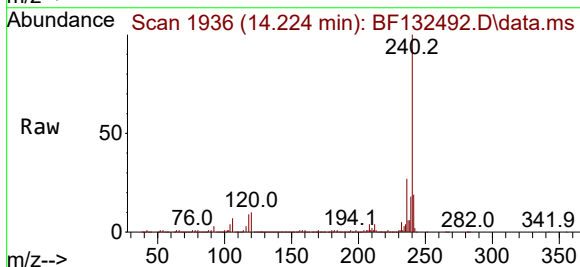
Instrument :  
BNA\_F  
ClientSampleId :  
PB150950BL

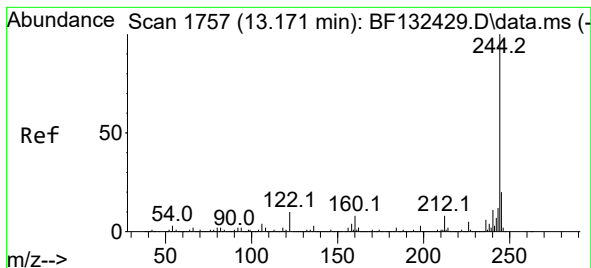
Tgt Ion:248 Resp: 36391  
Ion Ratio Lower Upper  
248 100  
250 199.1 79.0 118.4#  
141 513.7 63.3 94.9#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.224 min Scan# 1936  
Delta R.T. -0.006 min  
Lab File: BF132492.D  
Acq: 21 Feb 2023 12:46

Tgt Ion:240 Resp: 579975  
Ion Ratio Lower Upper  
240 100  
120 10.2 7.5 11.3  
236 26.8 21.0 31.6





#79

Terphenyl-d14

Concen: 85.938 ng

RT: 13.160 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132492.D

Acq: 21 Feb 2023 12:46

Instrument :

BNA\_F

ClientSampleId :

PB150950BL

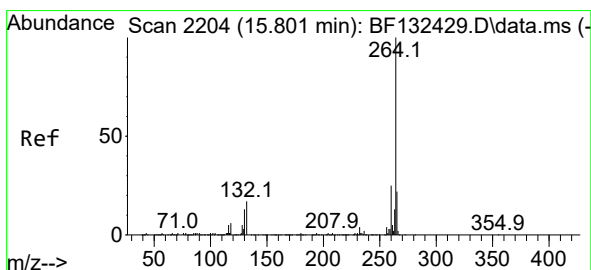
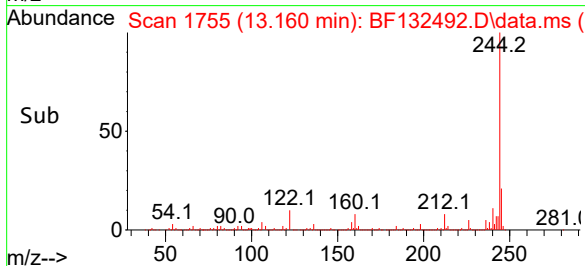
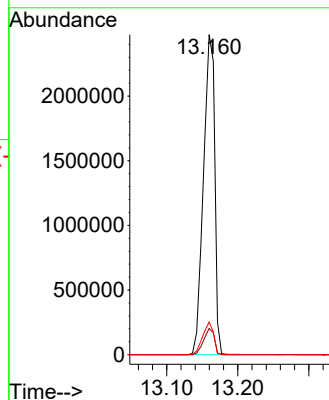
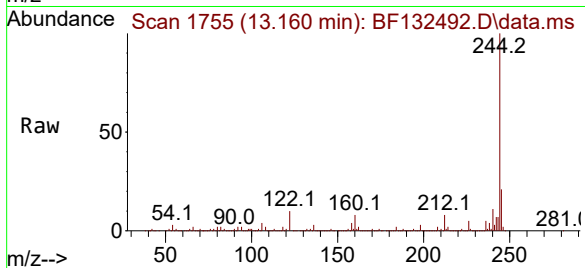
Tgt Ion:244 Resp: 2736758

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 10.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.783 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF132492.D

Acq: 21 Feb 2023 12:46

Tgt Ion:264 Resp: 444229

Ion Ratio Lower Upper

264 100

260 24.0 20.0 30.0

265 21.4 17.2 25.8

