

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112222\  
 Data File : BF131346.D  
 Acq On : 22 Nov 2022 23:53  
 Operator : CG\JU  
 Sample : N5740-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-12

Quant Time: Nov 23 04:21:15 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 22 01:17:52 2022  
 Response via : Initial Calibration

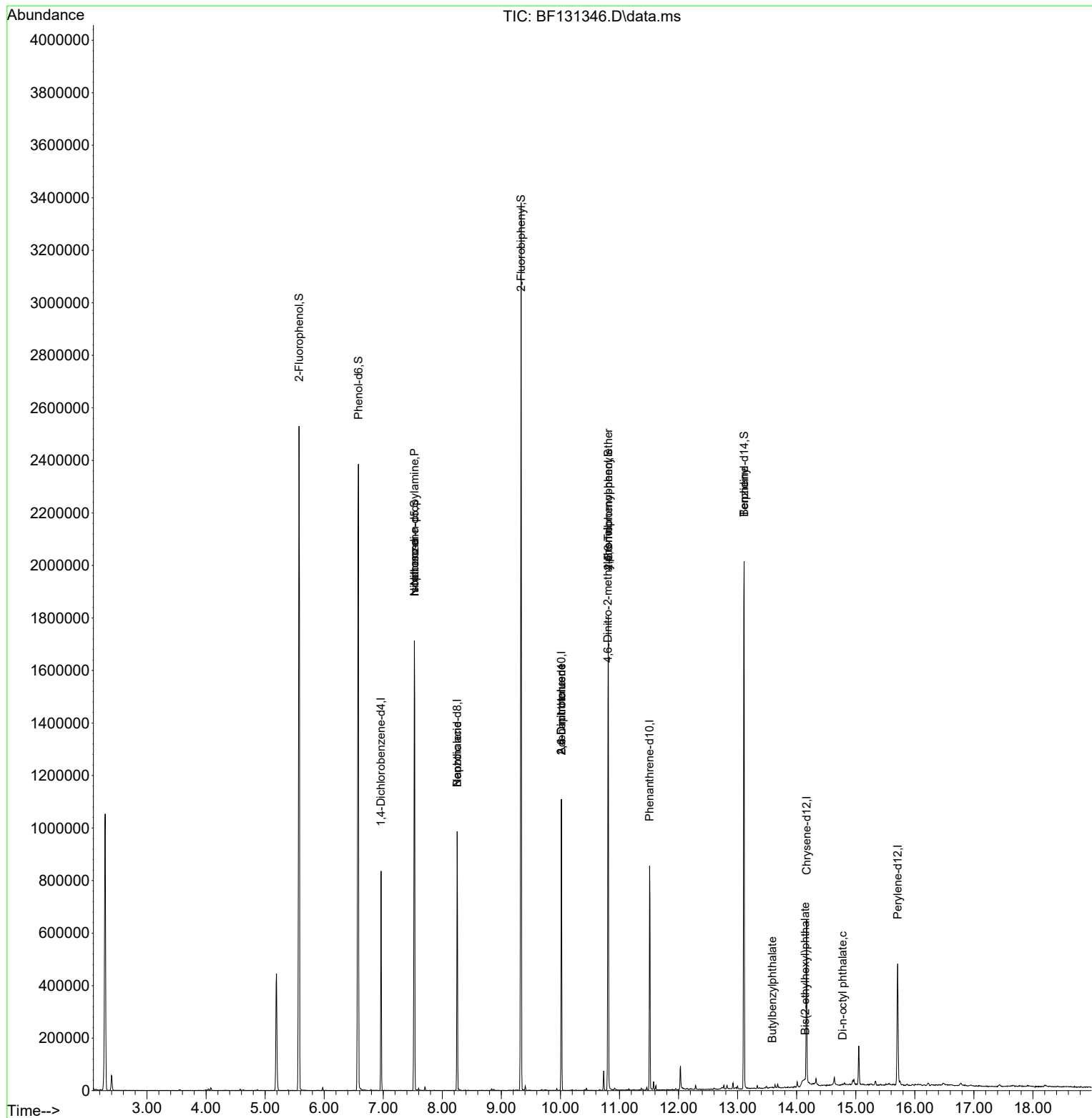
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.963  | 152  | 105385   | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.251  | 136  | 377500   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 10.016 | 164  | 199724   | 20.000    | ng     | -0.01    |
| 64) Phenanthrene-d10          | 11.510 | 188  | 305034   | 20.000    | ng     | -0.01    |
| 76) Chrysene-d12              | 14.168 | 240  | 208249   | 20.000    | ng     | -0.01    |
| 86) Perylene-d12              | 15.710 | 264  | 224300   | 20.000    | ng     | -0.01    |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.575  | 112  | 673263   | 121.589   | ng     | 0.00     |
| 7) Phenol-d6                  | 6.581  | 99   | 832818   | 117.882   | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.528  | 82   | 556952   | 74.371    | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.810 | 330  | 198962   | 118.409   | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.333  | 172  | 948309   | 69.076    | ng     | 0.00     |
| 79) Terphenyl-d14             | 13.110 | 244  | 722487   | 56.733    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.581  | 77   | 1541     | Below Cal | #      | 4        |
| 19) n-Nitroso-di-n-propyla... | 7.528  | 70   | 75631    | 14.624    | ng     | # 78     |
| 25) Isophorone                | 7.528  | 82   | 556944   | 41.685    | ng     | # 68     |
| 32) Benzoic acid              | 8.251  | 122  | 57       | 5.147     | ng     | # 1      |
| 51) 2,6-Dinitrotoluene        | 10.016 | 165  | 25482    | 9.157     | ng     | # 15     |
| 57) 2,4-Dinitrotoluene        | 10.016 | 165  | 25482    | 7.277     | ng     | # 19     |
| 65) 4,6-Dinitro-2-methylph... | 10.804 | 198  | 574      | 5.065     | ng     | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.810 | 248  | 13280    | 3.552     | ng     | # 1      |
| 77) Benzidine                 | 13.110 | 184  | 10232    | 2.660     | ng     | # 87     |
| 80) Butylbenzylphthalate      | 13.586 | 149  | 212      | 4.175     | ng     | # 69     |
| 84) Bis(2-ethylhexyl)phtha... | 14.145 | 149  | 1294     | 3.894     | ng     | # 68     |
| 85) Di-n-octyl phthalate      | 14.780 | 149  | 927      | 3.992     | ng     | # 59     |
| -----                         |        |      |          |           |        |          |

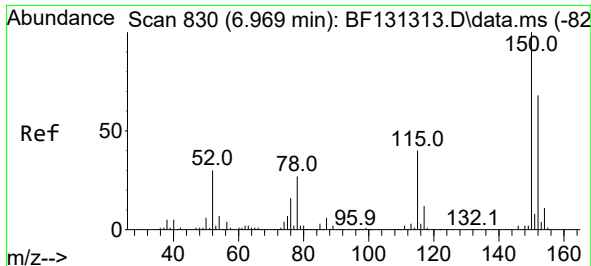
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112222\  
Data File : BF131346.D  
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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-12

Quant Time: Nov 23 04:21:15 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 22 01:17:52 2022  
Response via : Initial Calibration

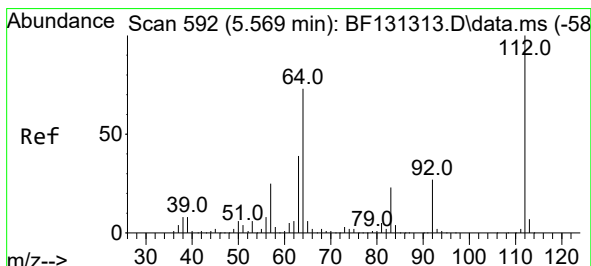
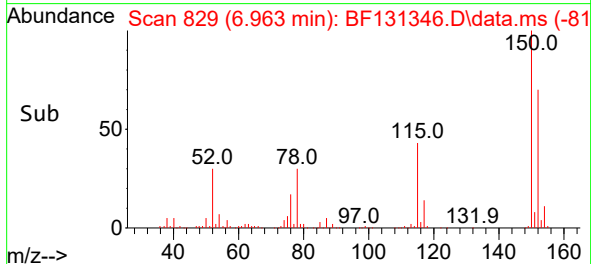
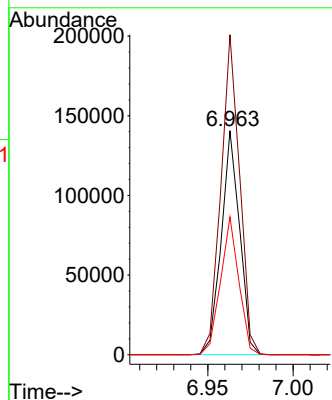
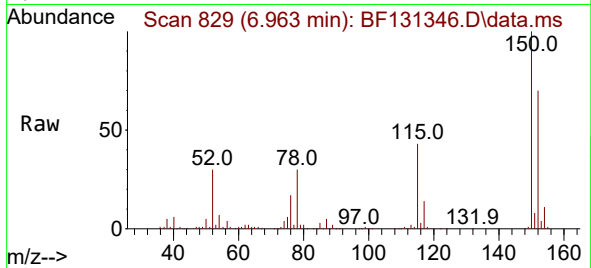




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.963 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

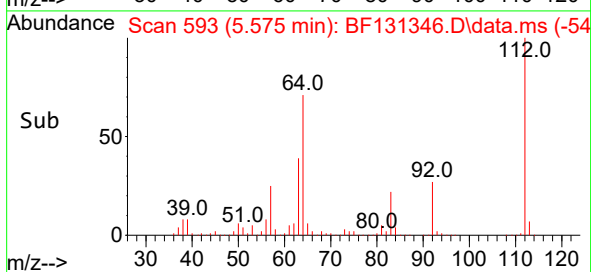
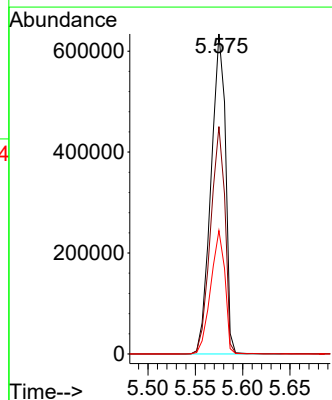
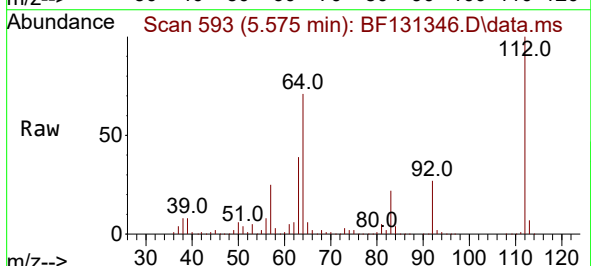
Instrument :  
BNA\_F  
ClientSampleId :  
MH-12

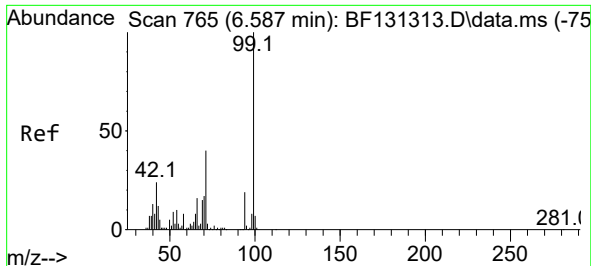
Tgt Ion:152 Resp: 105385  
Ion Ratio Lower Upper  
152 100  
150 142.8 117.8 176.8  
115 61.5 47.1 70.7



#5  
2-Fluorophenol  
Concen: 121.589 ng  
RT: 5.575 min Scan# 593  
Delta R.T. 0.006 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

Tgt Ion:112 Resp: 673263  
Ion Ratio Lower Upper  
112 100  
64 71.0 58.6 88.0  
63 38.5 31.4 47.0

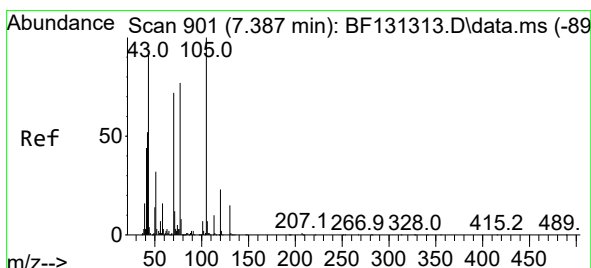
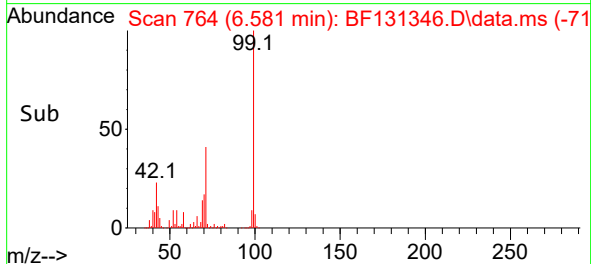
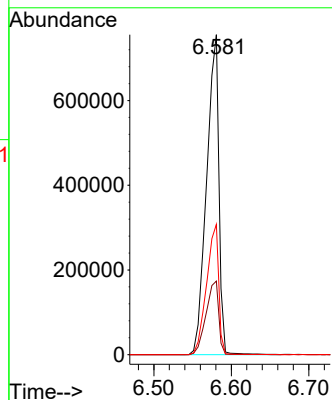
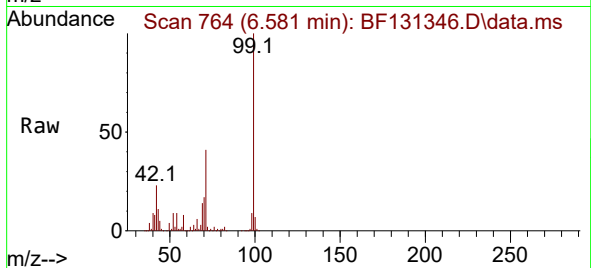




#7  
Phenol-d6  
Concen: 117.882 ng  
RT: 6.581 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

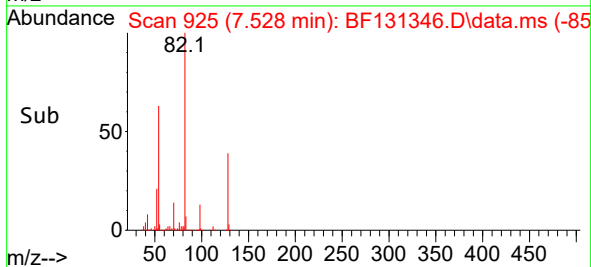
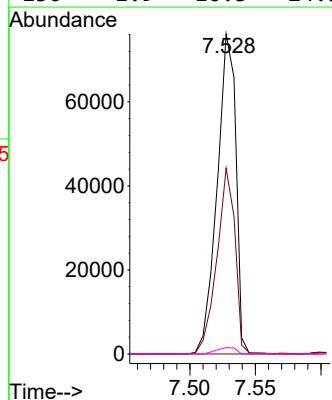
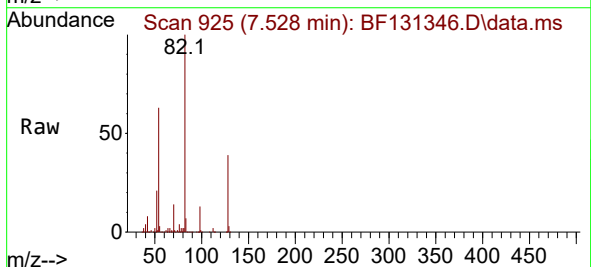
Instrument :  
BNA\_F  
ClientSampleId :  
MH-12

Tgt Ion: 99 Resp: 832818  
Ion Ratio Lower Upper  
99 100  
42 23.0 19.4 29.2  
71 40.7 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.624 ng  
RT: 7.528 min Scan# 925  
Delta R.T. 0.141 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

Tgt Ion: 70 Resp: 75631  
Ion Ratio Lower Upper  
70 100  
42 58.0 57.6 86.4  
101 0.0 8.2 12.2#  
130 1.9 16.3 24.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131346.D

Acq: 22 Nov 2022 23:53

Instrument :

BNA\_F

ClientSampleId :

MH-12

Tgt Ion:136 Resp: 377500

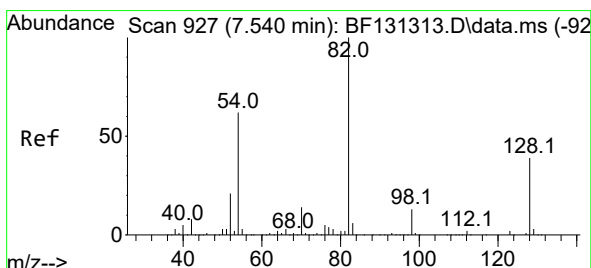
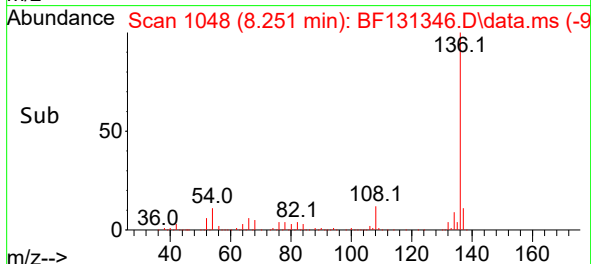
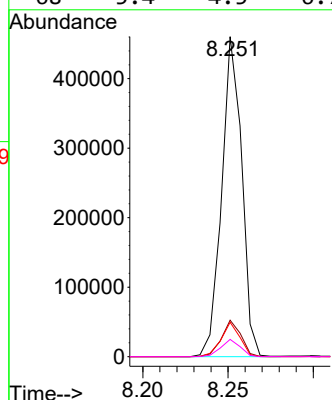
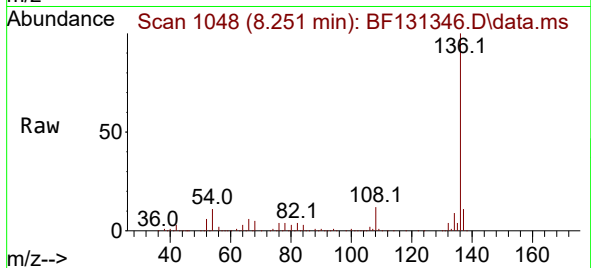
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 10.8 9.4 14.0

68 5.4 4.5 6.7



#23

Nitrobenzene-d5

Concen: 74.371 ng

RT: 7.528 min Scan# 925

Delta R.T. -0.012 min

Lab File: BF131346.D

Acq: 22 Nov 2022 23:53

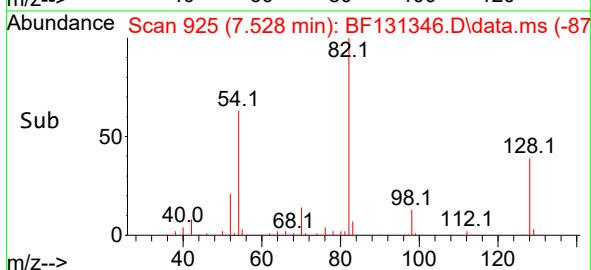
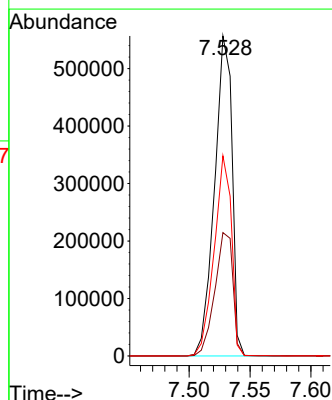
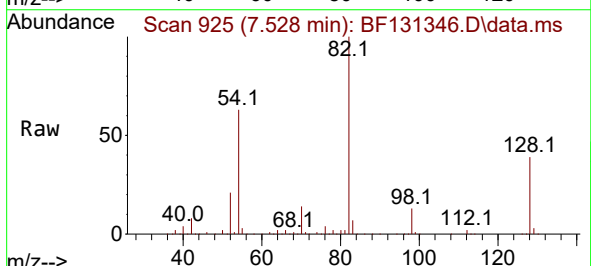
Tgt Ion: 82 Resp: 556952

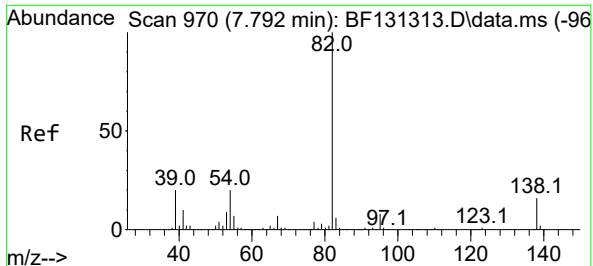
Ion Ratio Lower Upper

82 100

128 38.5 31.4 47.0

54 62.6 49.8 74.6

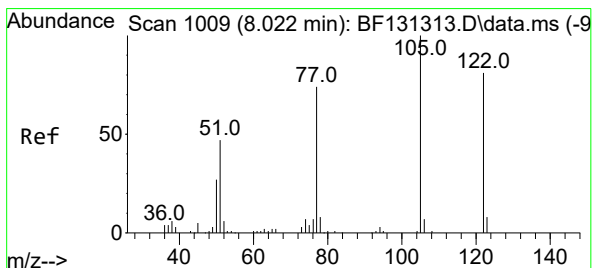
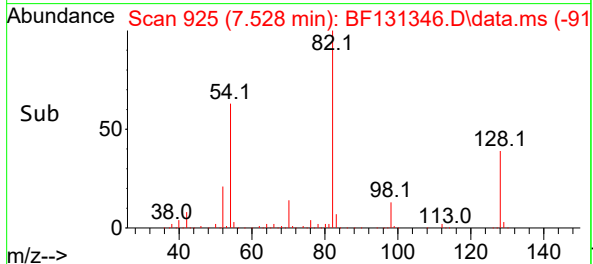
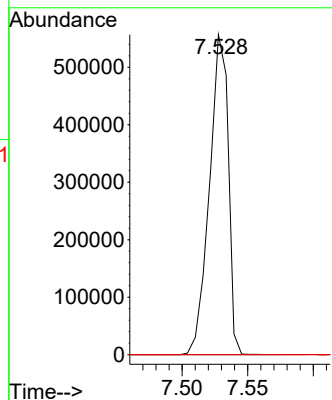
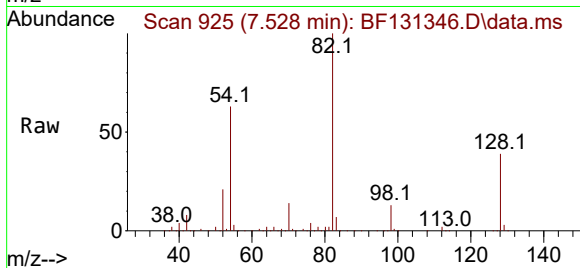




#25  
Isophorone  
Concen: 41.685 ng  
RT: 7.528 min Scan# 91  
Delta R.T. -0.265 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

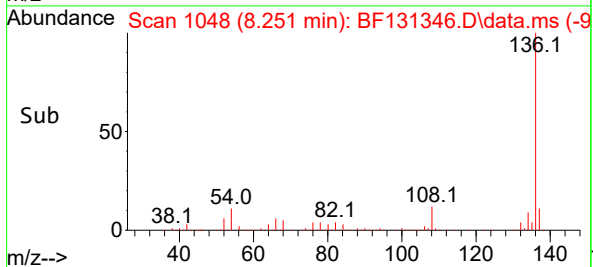
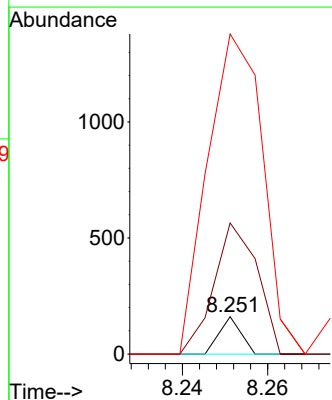
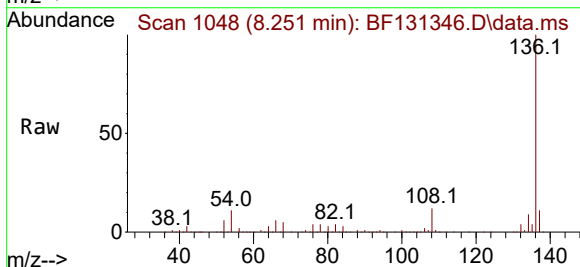
Instrument :  
BNA\_F  
ClientSampleId :  
MH-12

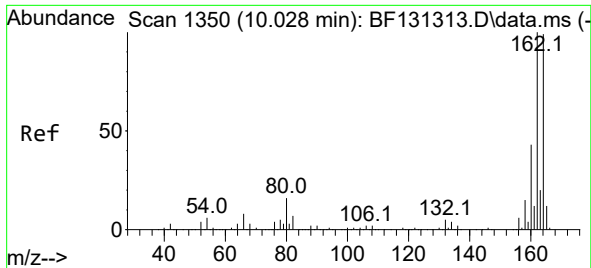
Tgt Ion: 82 Resp: 556944  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.2 9.2#  
138 0.0 12.7 19.1#



#32  
Benzoic acid  
Concen: 5.147 ng  
RT: 8.251 min Scan# 1048  
Delta R.T. 0.229 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

Tgt Ion: 122 Resp: 57  
Ion Ratio Lower Upper  
122 100  
105 350.9 103.8 143.8#  
77 856.5 74.3 114.3#

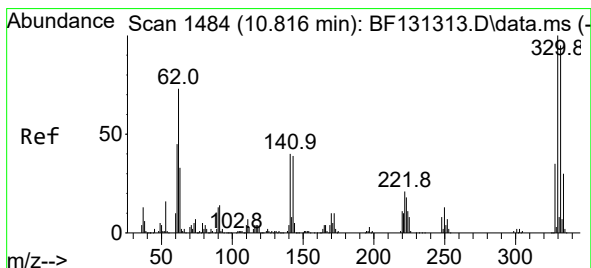
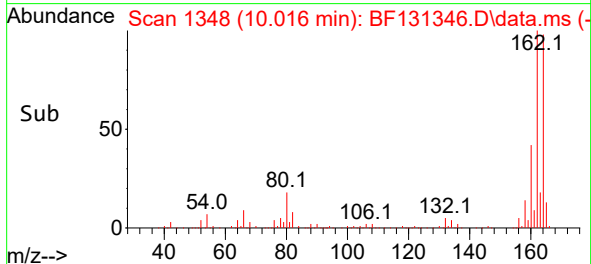
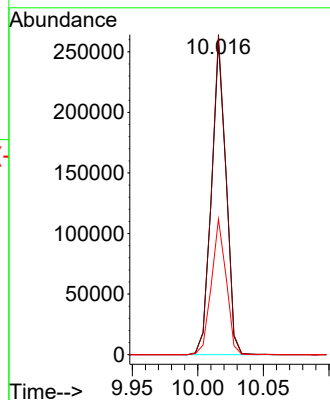
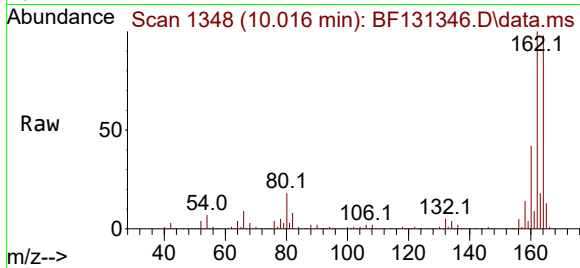




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.016 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

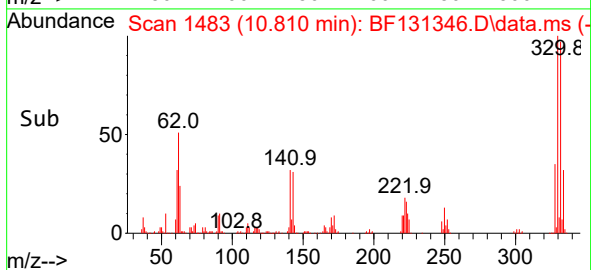
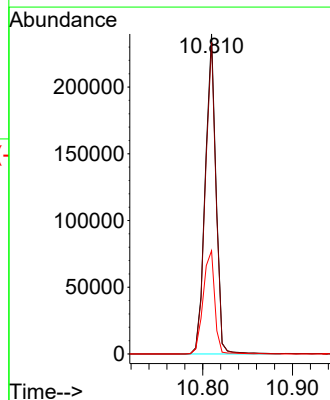
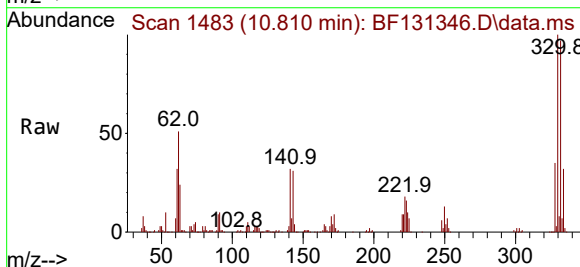
Instrument :  
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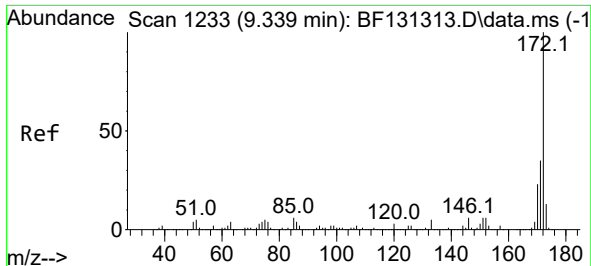
Tgt Ion:164 Resp: 199724  
Ion Ratio Lower Upper  
164 100  
162 102.2 80.6 120.8  
160 43.3 34.4 51.6



#42  
2,4,6-Tribromophenol  
Concen: 118.409 ng  
RT: 10.810 min Scan# 1483  
Delta R.T. -0.006 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

Tgt Ion:330 Resp: 198962  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.5 116.3  
141 34.8 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 69.076 ng

RT: 9.333 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131346.D

Acq: 22 Nov 2022 23:53

Instrument :

BNA\_F

ClientSampleId :

MH-12

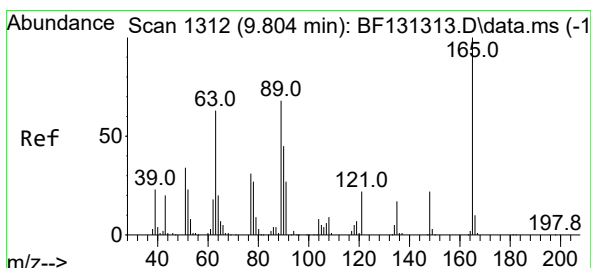
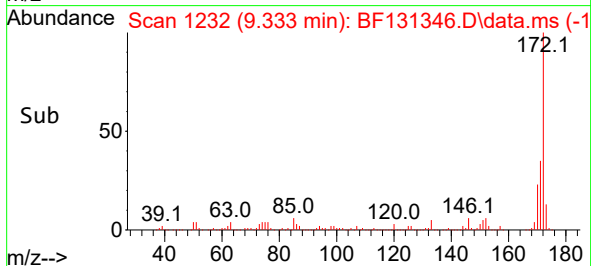
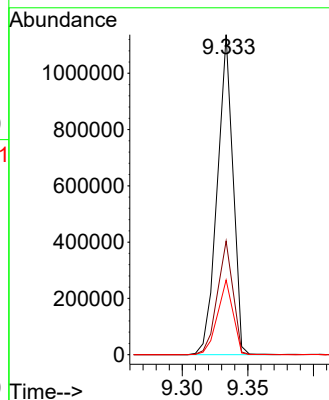
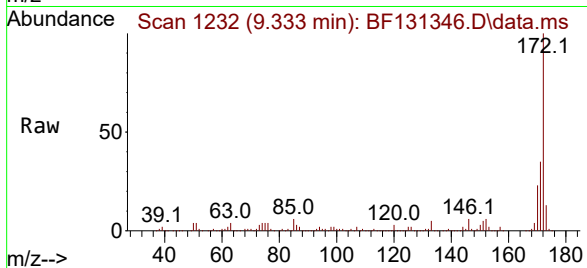
Tgt Ion:172 Resp: 948309

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.4 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.157 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.212 min

Lab File: BF131346.D

Acq: 22 Nov 2022 23:53

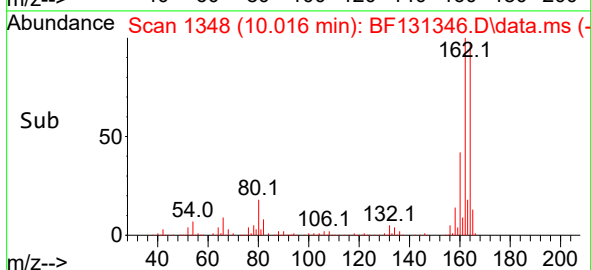
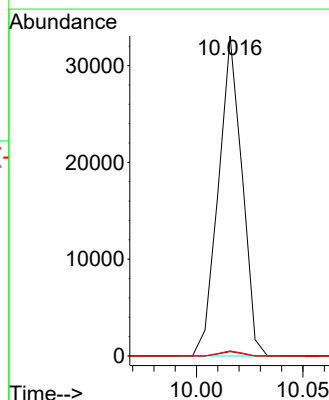
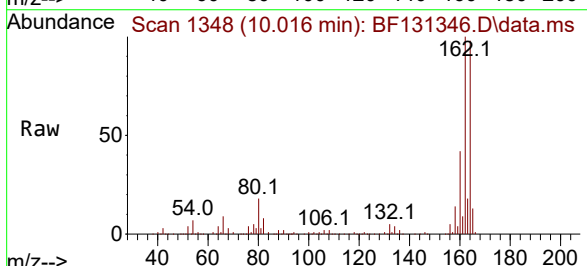
Tgt Ion:165 Resp: 25482

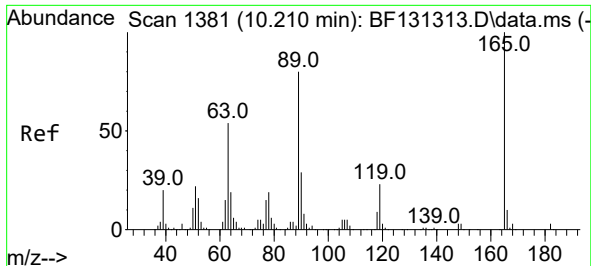
Ion Ratio Lower Upper

165 100

63 1.4 62.0 93.0#

89 1.6 54.4 81.6#

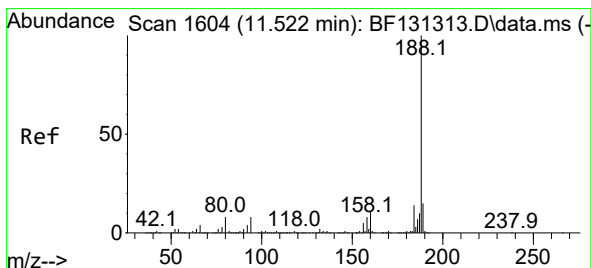
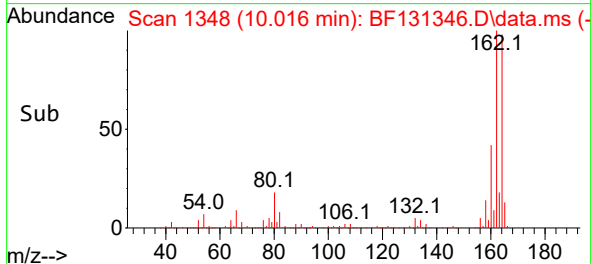
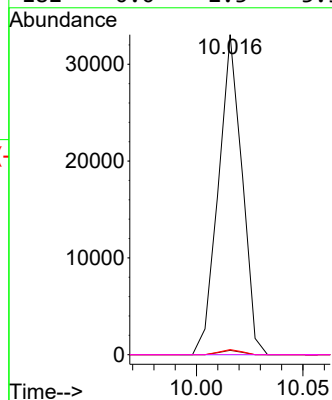
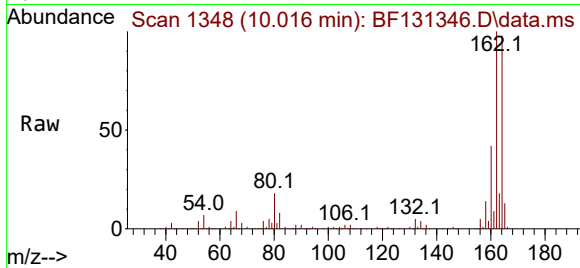




#57  
2,4-Dinitrotoluene  
Concen: 7.277 ng  
RT: 10.016 min Scan# 11  
Delta R.T. -0.194 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

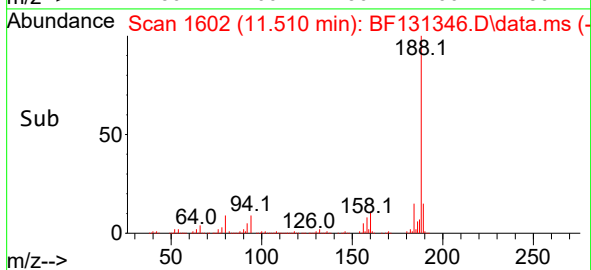
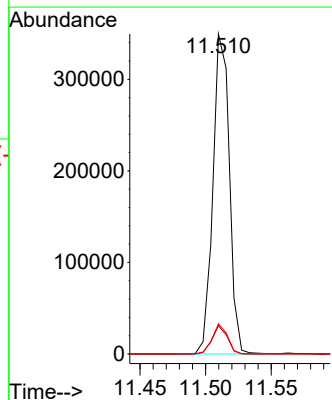
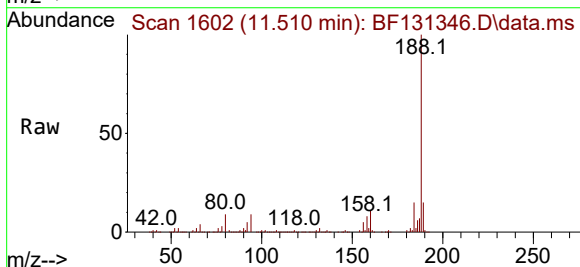
Instrument :  
BNA\_F  
ClientSampleId :  
MH-12

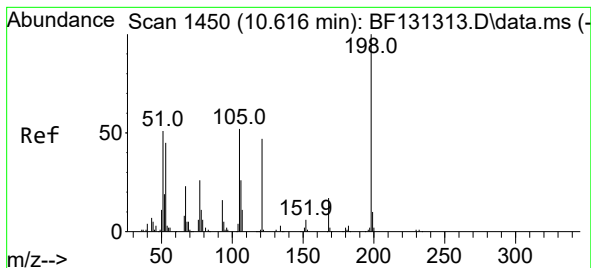
Tgt Ion:165 Resp: 25482  
Ion Ratio Lower Upper  
165 100  
63 1.4 43.4 65.2#  
89 1.6 64.0 96.0#  
182 0.0 2.3 3.5#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.510 min Scan# 1602  
Delta R.T. -0.012 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

Tgt Ion:188 Resp: 305034  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.3 9.5  
80 9.4 6.8 10.2

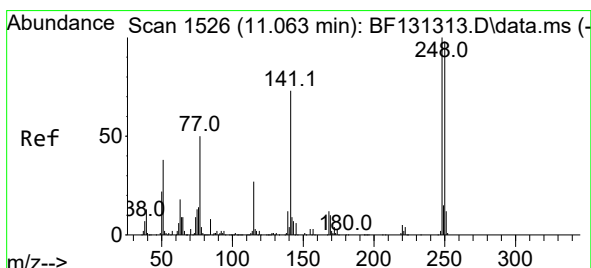
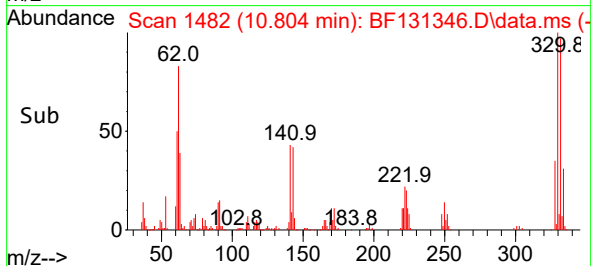
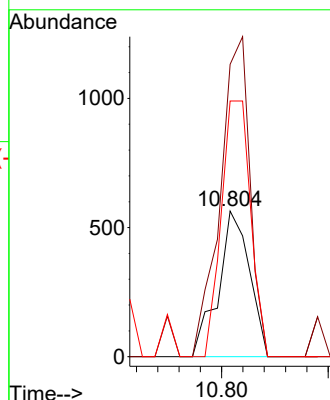
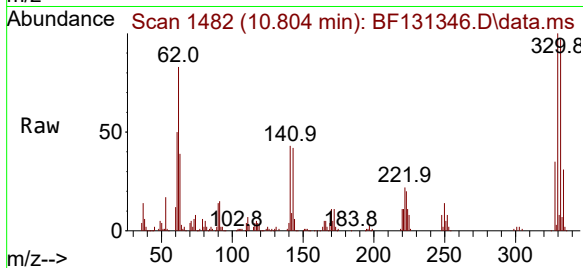




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.065 ng  
RT: 10.804 min Scan# 1450  
Delta R.T. 0.188 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

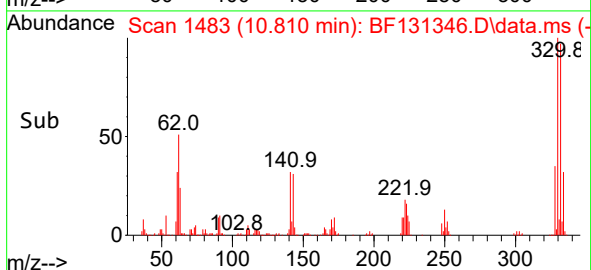
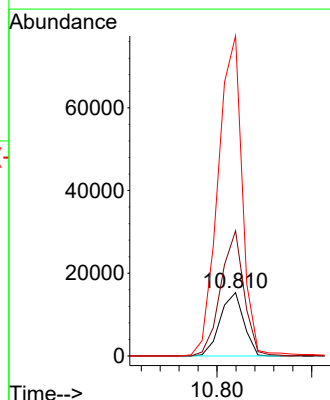
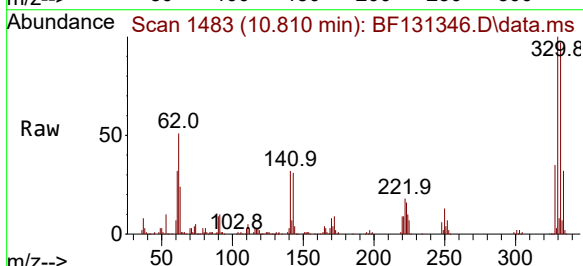
Instrument :  
BNA\_F  
ClientSampleId :  
MH-12

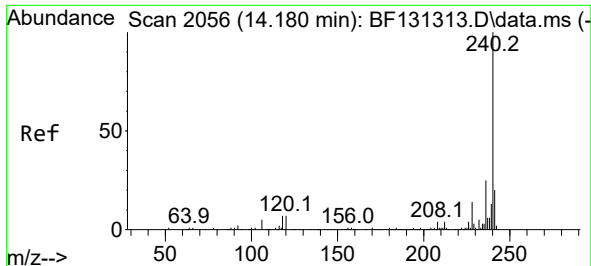
Tgt Ion:198 Resp: 574  
Ion Ratio Lower Upper  
198 100  
51 200.7 50.1 90.1#  
105 175.5 32.5 72.5#



#67  
4-Bromophenyl-phenylether  
Concen: 3.552 ng  
RT: 10.810 min Scan# 1483  
Delta R.T. -0.253 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

Tgt Ion:248 Resp: 13280  
Ion Ratio Lower Upper  
248 100  
250 197.6 78.3 117.5#  
141 505.4 58.0 87.0#

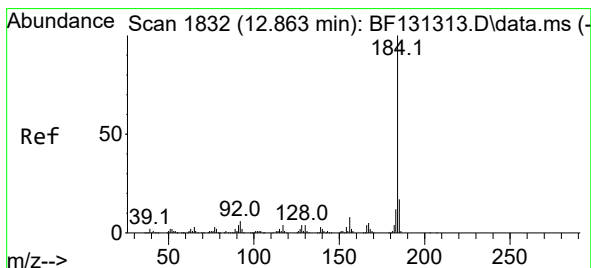
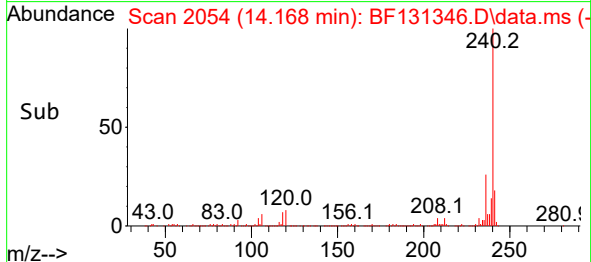
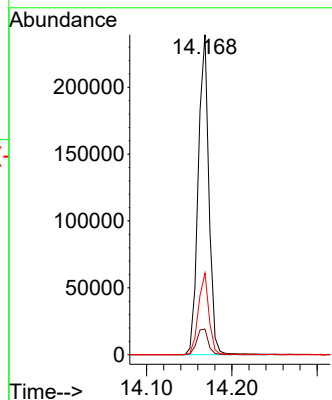
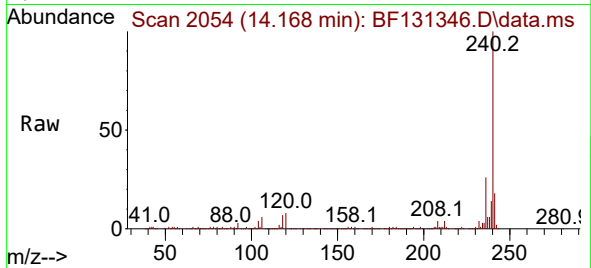




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.168 min Scan# 2054  
Delta R.T. -0.012 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

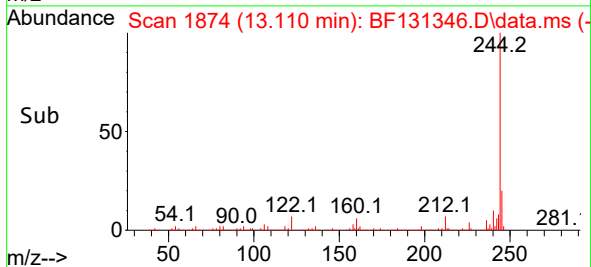
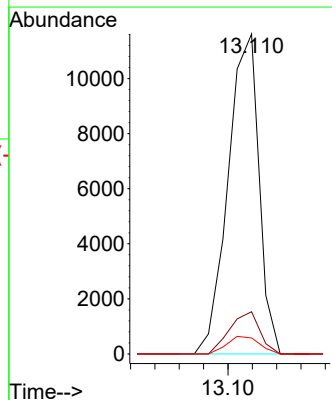
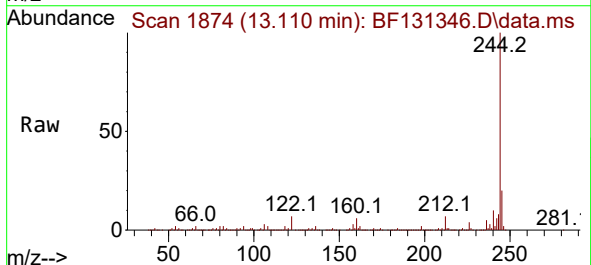
Instrument :  
BNA\_F  
ClientSampleId :  
MH-12

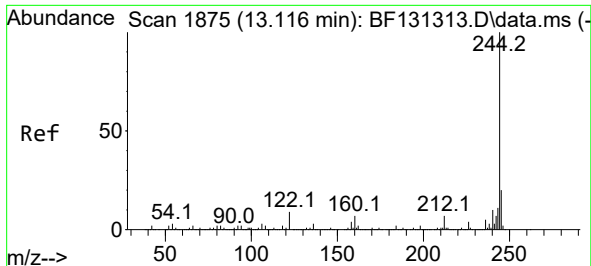
Tgt Ion:240 Resp: 208249  
Ion Ratio Lower Upper  
240 100  
120 8.0 5.8 8.8  
236 25.5 20.3 30.5



#77  
Benzidine  
Concen: 2.660 ng  
RT: 13.110 min Scan# 1874  
Delta R.T. 0.247 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

Tgt Ion:184 Resp: 10232  
Ion Ratio Lower Upper  
184 100  
185 13.2 13.8 20.8#  
183 5.0 9.6 14.4#

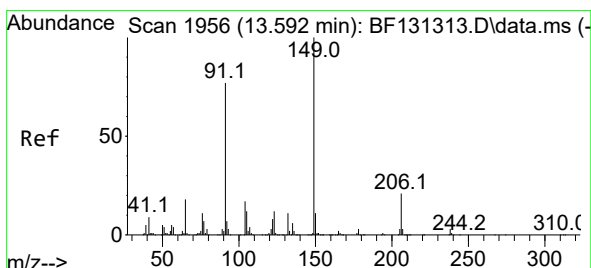
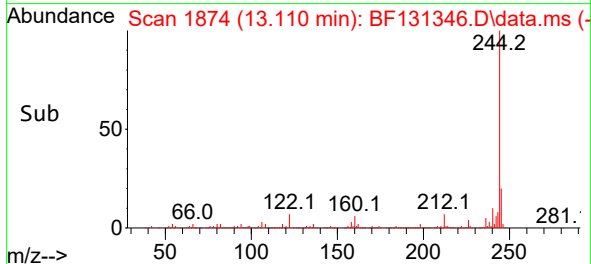
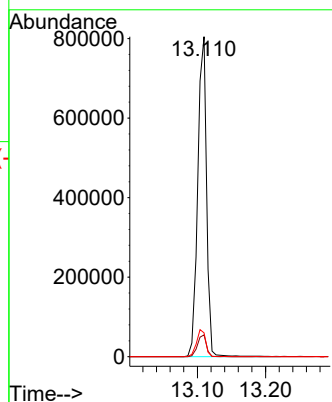
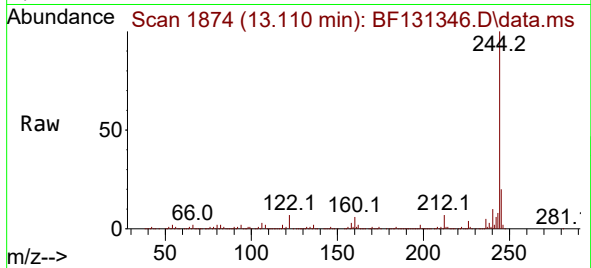




#79  
 Terphenyl-d14  
 Concen: 56.733 ng  
 RT: 13.110 min Scan# 1874  
 Delta R.T. -0.006 min  
 Lab File: BF131346.D  
 Acq: 22 Nov 2022 23:53

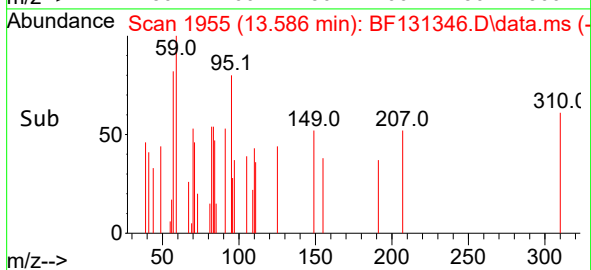
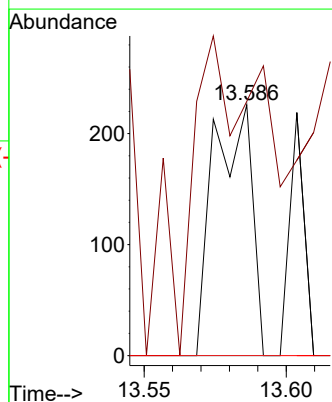
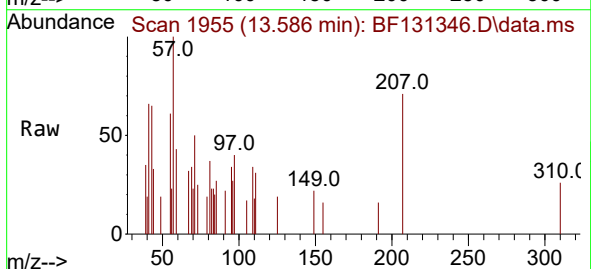
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-12

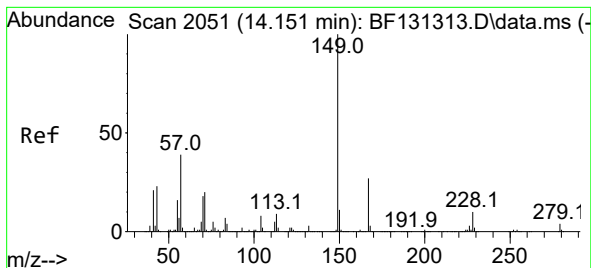
Tgt Ion:244 Resp: 722487  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.9 8.9  
 122 7.5 7.5 11.3#



#80  
 Butylbenzylphthalate  
 Concen: 4.175 ng  
 RT: 13.586 min Scan# 1955  
 Delta R.T. -0.006 min  
 Lab File: BF131346.D  
 Acq: 22 Nov 2022 23:53

Tgt Ion:149 Resp: 212  
 Ion Ratio Lower Upper  
 149 100  
 91 101.3 61.9 92.9#  
 206 0.0 16.5 24.7#

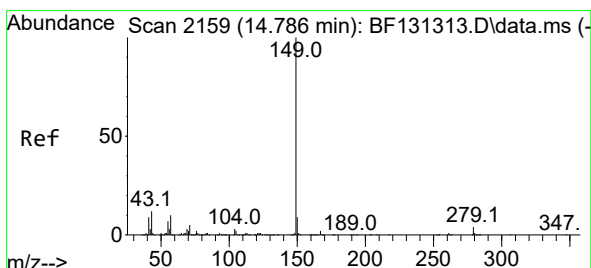
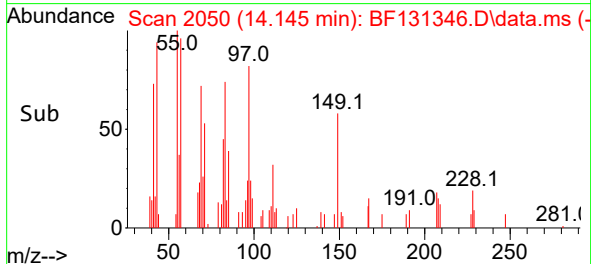
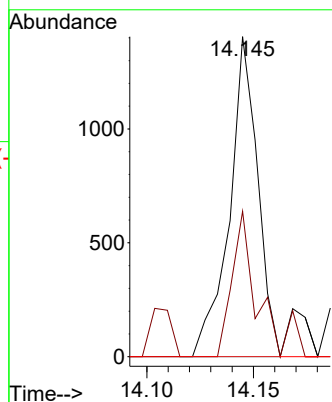
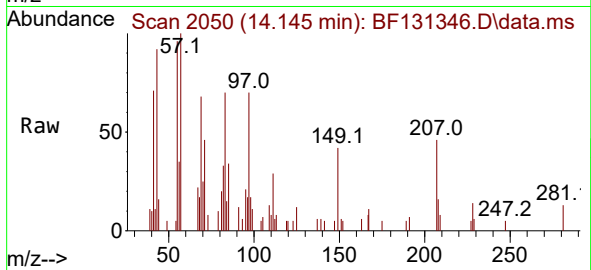




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.894 ng  
RT: 14.145 min Scan# 2051  
Delta R.T. -0.006 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

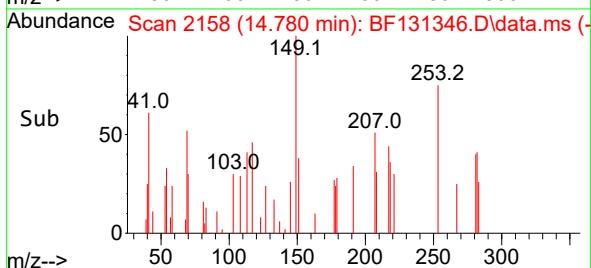
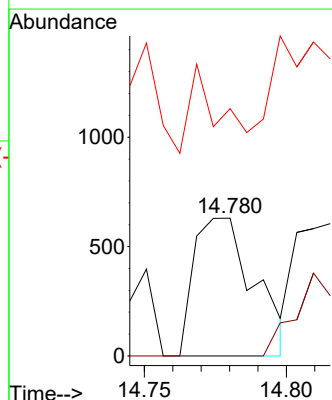
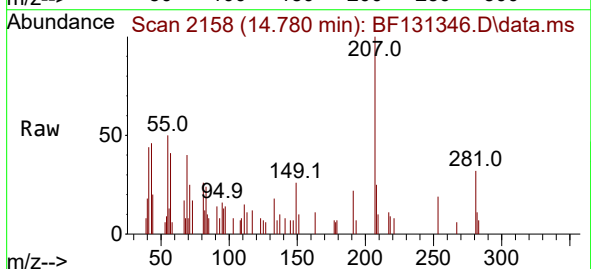
Instrument :  
BNA\_F  
ClientSampleId :  
MH-12

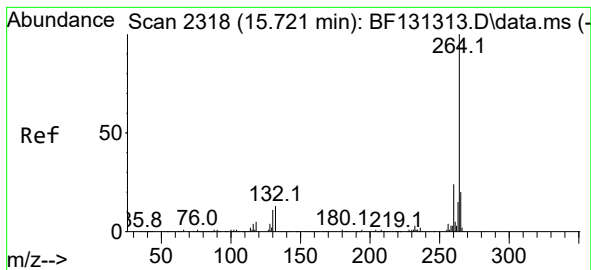
Tgt Ion:149 Resp: 1294  
Ion Ratio Lower Upper  
149 100  
167 45.5 21.9 32.9#  
279 0.0 3.0 4.4#



#85  
Di-n-octyl phthalate  
Concen: 3.992 ng  
RT: 14.780 min Scan# 2158  
Delta R.T. -0.006 min  
Lab File: BF131346.D  
Acq: 22 Nov 2022 23:53

Tgt Ion:149 Resp: 927  
Ion Ratio Lower Upper  
149 100  
167 0.0 1.2 1.8#  
43 31.6 10.7 16.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.710 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131346.D

Acq: 22 Nov 2022 23:53

Instrument :

BNA\_F

ClientSampleId :

MH-12

Tgt Ion:264 Resp: 224300

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.7 16.4 24.6

