

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112222\  
 Data File : BF131328.D  
 Acq On : 22 Nov 2022 13:36  
 Operator : CG\JU  
 Sample : PB149160BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149160BL

Quant Time: Nov 23 03:24:42 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

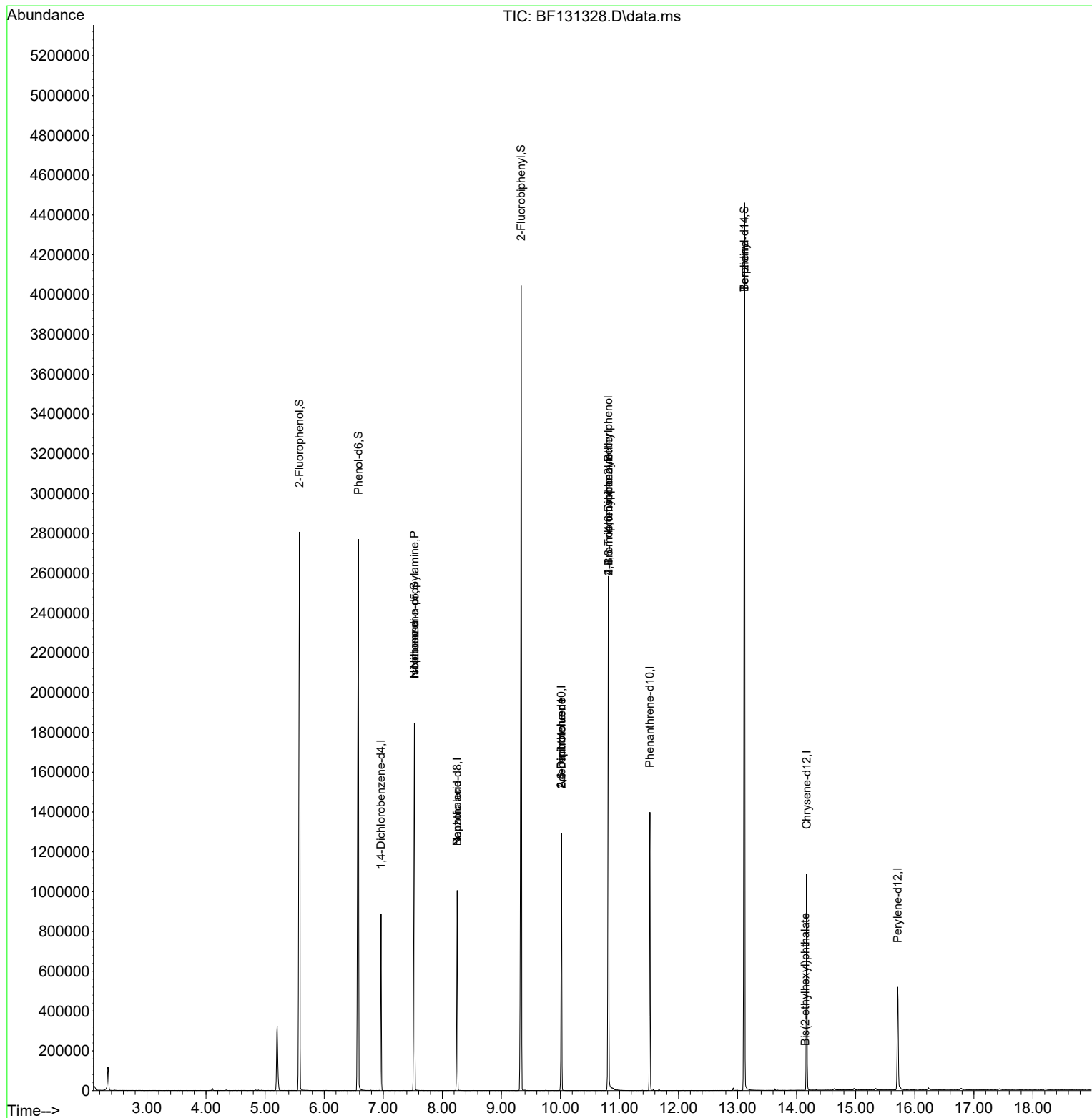
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.963  | 152  | 113862   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.251  | 136  | 427113   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.016 | 164  | 256185   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.516 | 188  | 506031   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 14.169 | 240  | 360668   | 20.000    | ng    | #-0.01   |
| 86) Perylene-d12              | 15.710 | 264  | 258008   | 20.000    | ng    | -0.01    |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.581  | 112  | 825563   | 137.994   | ng    | 0.01     |
| 7) Phenol-d6                  | 6.581  | 99   | 1015094  | 132.985   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.528  | 82   | 703022   | 82.972    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.816 | 330  | 327281   | 151.849   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.334  | 172  | 1360720  | 77.272    | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.116 | 244  | 1788380  | 81.085    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.581  | 77   | 1759     | Below Cal | #     | 4        |
| 19) n-Nitroso-di-n-propyla... | 7.528  | 70   | 96342    | 17.241    | ng    | # 77     |
| 25) Isophorone                | 7.528  | 82   | 702751   | 46.489    | ng    | # 68     |
| 32) Benzoic acid              | 8.251  | 122  | 126      | 5.167     | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 10.016 | 165  | 33335    | 9.339     | ng    | # 15     |
| 57) 2,4-Dinitrotoluene        | 10.016 | 165  | 33335    | 7.422     | ng    | # 19     |
| 65) 4,6-Dinitro-2-methylph... | 10.810 | 198  | 843      | 5.009     | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.816 | 248  | 22214    | 3.582     | ng    | # 1      |
| 77) Benzidine                 | 13.116 | 184  | 24367    | 3.658     | ng    | # 91     |
| 84) Bis(2-ethylhexyl)phtha... | 14.145 | 149  | 67       | 3.753     | ng    | # 52     |
| -----                         |        |      |          |           |       |          |

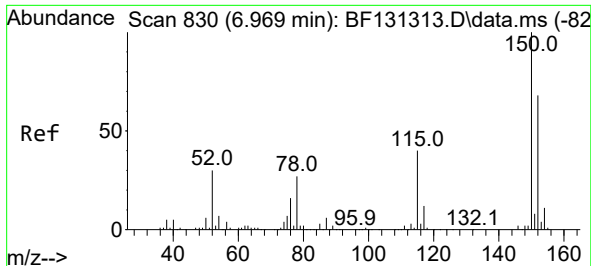
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112222\  
Data File : BF131328.D  
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Sample : PB149160BL  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149160BL

Quant Time: Nov 23 03:24:42 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

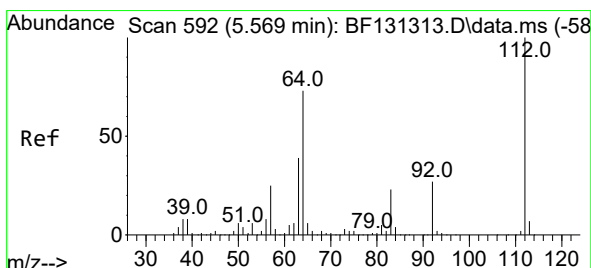
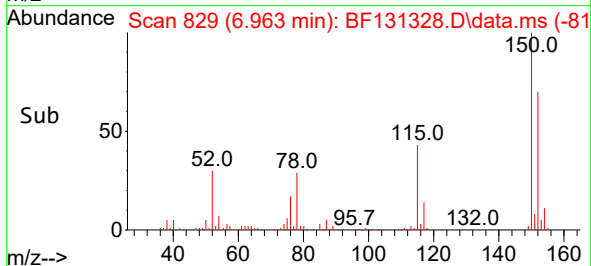
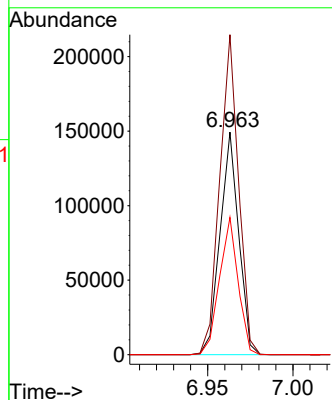
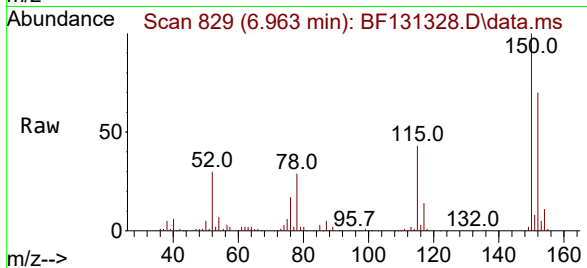




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.963 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

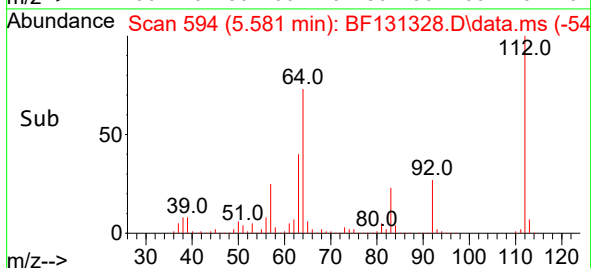
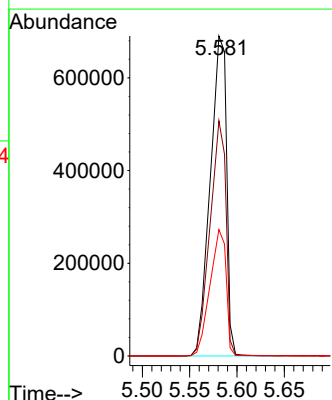
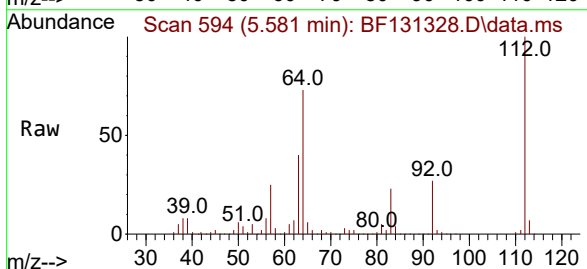
Instrument :  
BNA\_F  
ClientSampleId :  
PB149160BL

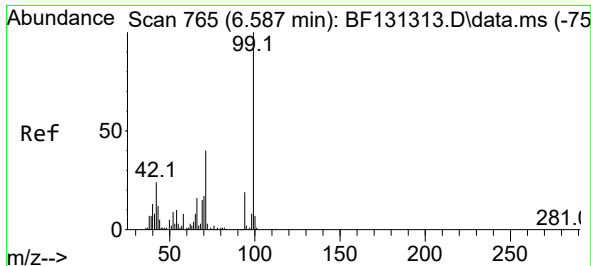
Tgt Ion:152 Resp: 113862  
Ion Ratio Lower Upper  
152 100  
150 143.8 117.8 176.8  
115 61.7 47.1 70.7



#5  
2-Fluorophenol  
Concen: 137.994 ng  
RT: 5.581 min Scan# 594  
Delta R.T. 0.012 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

Tgt Ion:112 Resp: 825563  
Ion Ratio Lower Upper  
112 100  
64 73.5 58.6 88.0  
63 39.5 31.4 47.0

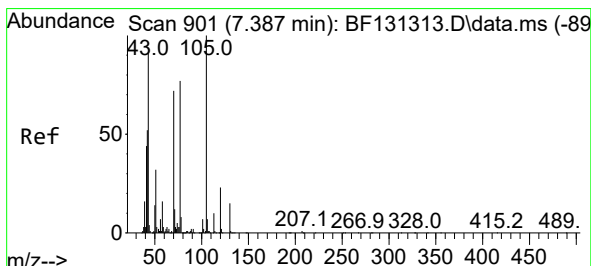
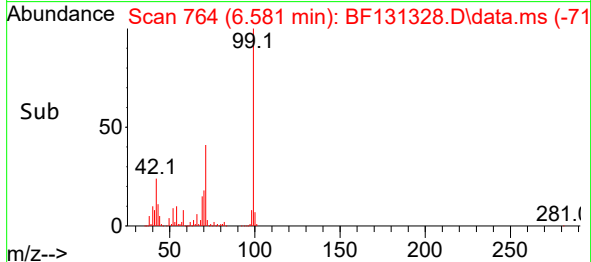
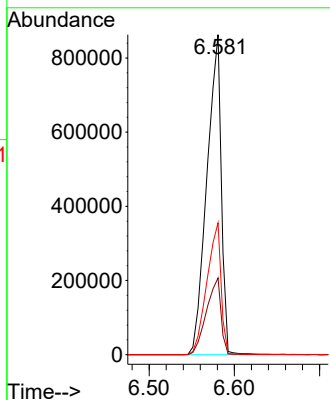
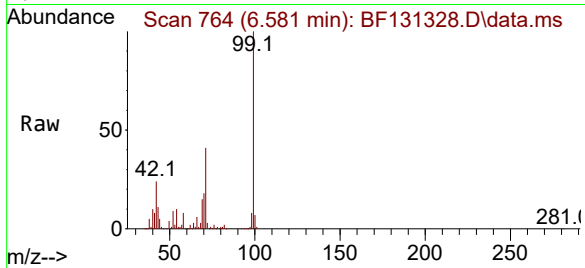




#7  
Phenol-d6  
Concen: 132.985 ng  
RT: 6.581 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

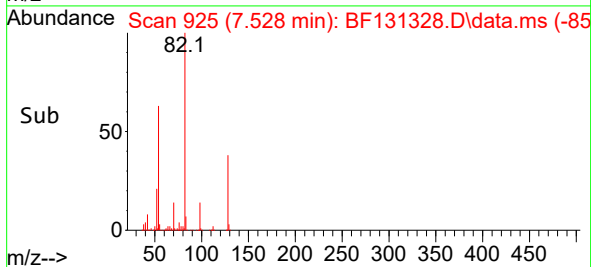
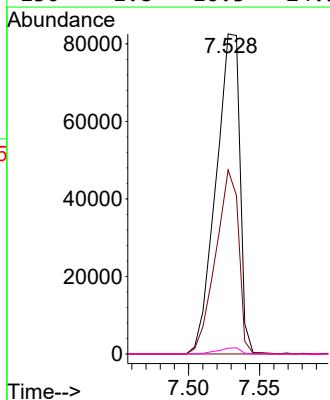
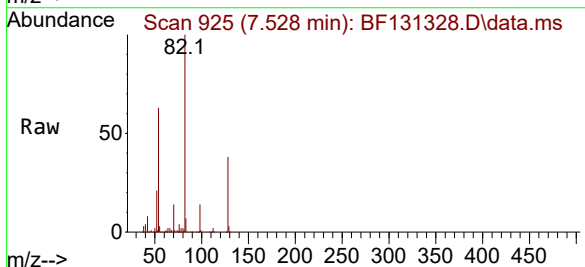
Instrument :  
BNA\_F  
ClientSampleId :  
PB149160BL

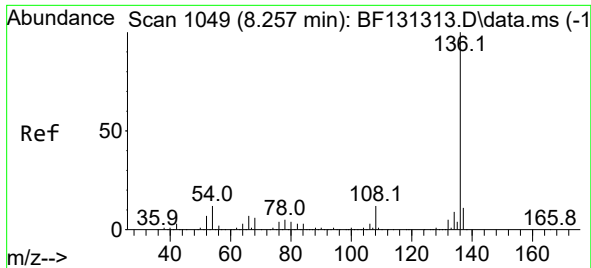
Tgt Ion: 99 Resp: 1015094  
Ion Ratio Lower Upper  
99 100  
42 24.0 19.4 29.2  
71 41.2 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.241 ng  
RT: 7.528 min Scan# 925  
Delta R.T. 0.141 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

Tgt Ion: 70 Resp: 96342  
Ion Ratio Lower Upper  
70 100  
42 57.5 57.6 86.4#  
101 0.0 8.2 12.2#  
130 1.8 16.3 24.5#

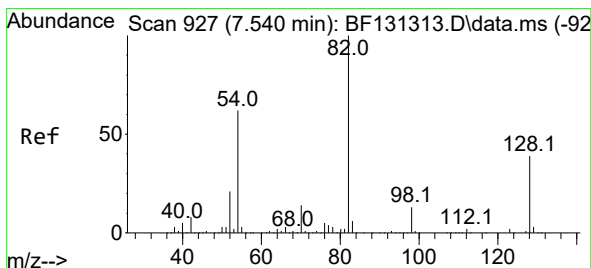
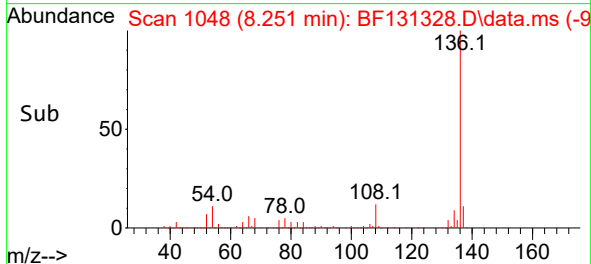
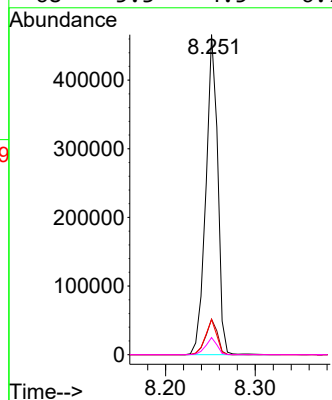
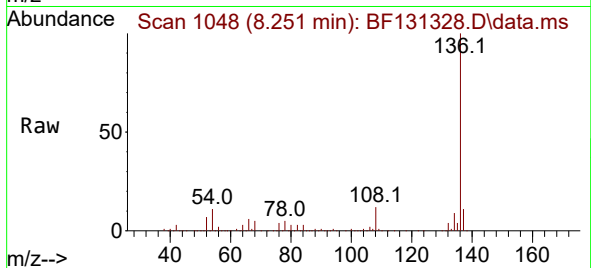




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.251 min Scan# 1048  
Delta R.T. -0.006 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

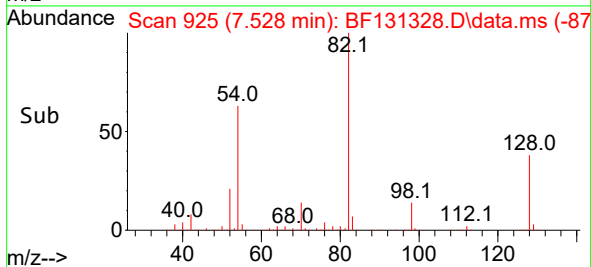
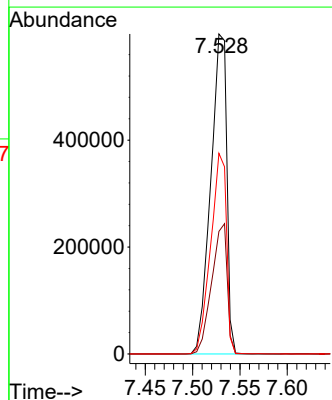
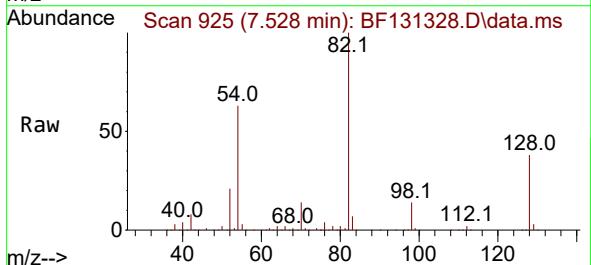
Instrument :  
BNA\_F  
ClientSampleId :  
PB149160BL

Tgt Ion:136 Resp: 427113  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.6  
54 11.0 9.4 14.0  
68 5.3 4.5 6.7



#23  
Nitrobenzene-d5  
Concen: 82.972 ng  
RT: 7.528 min Scan# 925  
Delta R.T. -0.012 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

Tgt Ion: 82 Resp: 703022  
Ion Ratio Lower Upper  
82 100  
128 38.3 31.4 47.0  
54 62.7 49.8 74.6

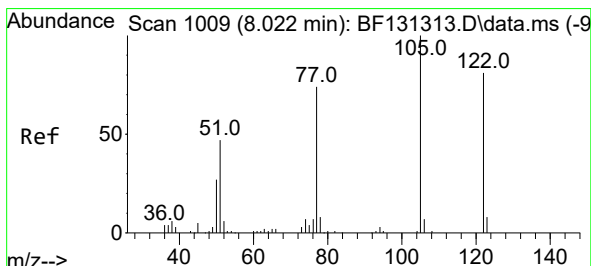
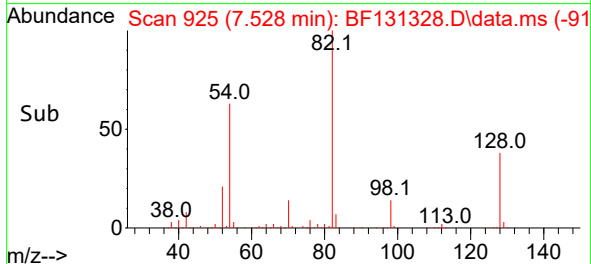
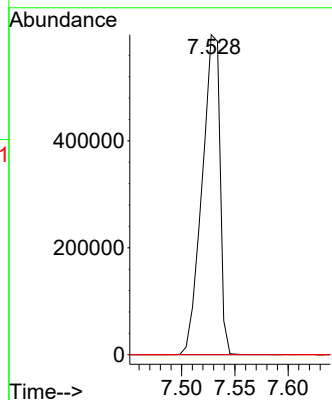
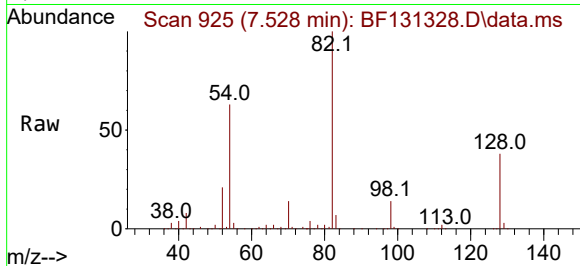




#25  
Isophorone  
Concen: 46.489 ng  
RT: 7.528 min Scan# 91  
Delta R.T. -0.265 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

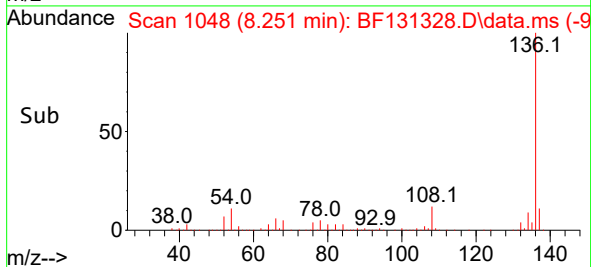
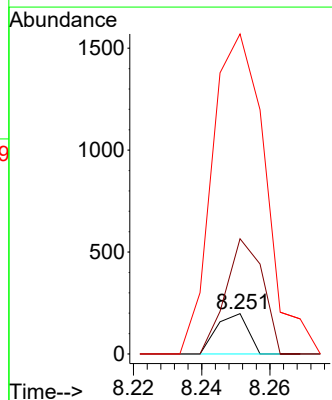
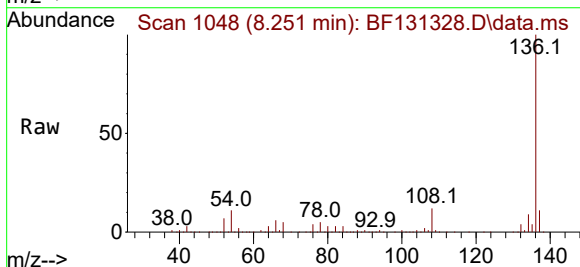
Instrument :  
BNA\_F  
ClientSampleId :  
PB149160BL

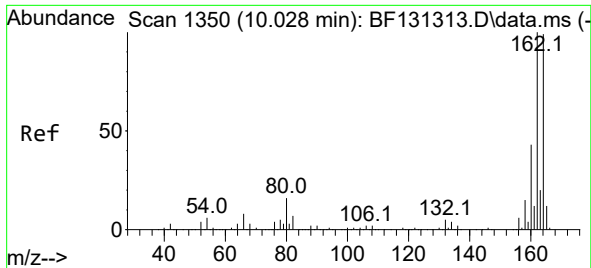
Tgt Ion: 82 Resp: 702751  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.2 9.2#  
138 0.0 12.7 19.1#



#32  
Benzoic acid  
Concen: 5.167 ng  
RT: 8.251 min Scan# 1048  
Delta R.T. 0.229 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

Tgt Ion: 122 Resp: 126  
Ion Ratio Lower Upper  
122 100  
105 285.4 103.8 143.8#  
77 792.9 74.3 114.3#

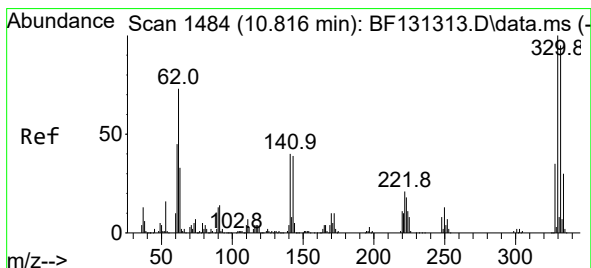
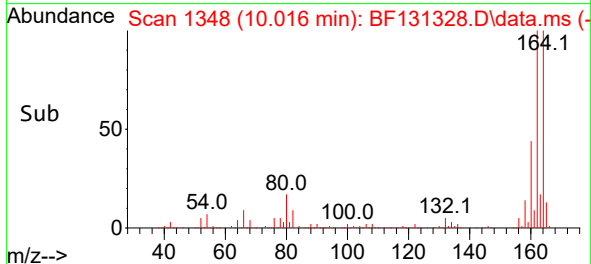
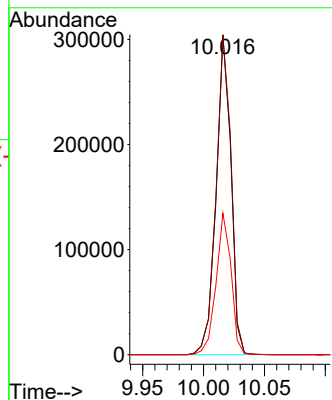
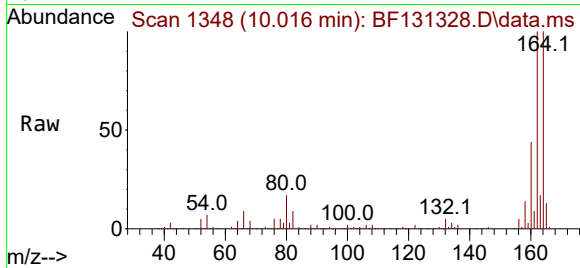




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.016 min Scan# 1350  
Delta R.T. -0.012 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

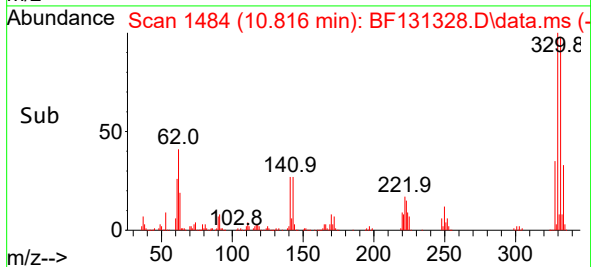
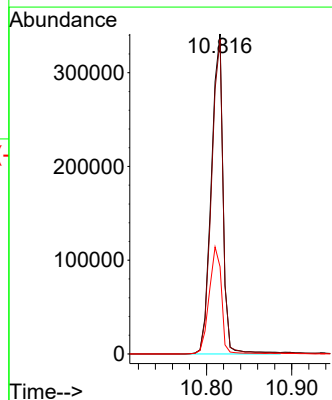
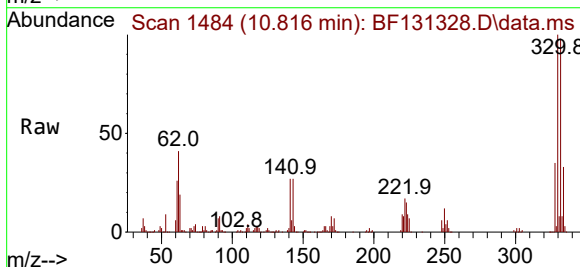
Instrument :  
BNA\_F  
ClientSampleId :  
PB149160BL

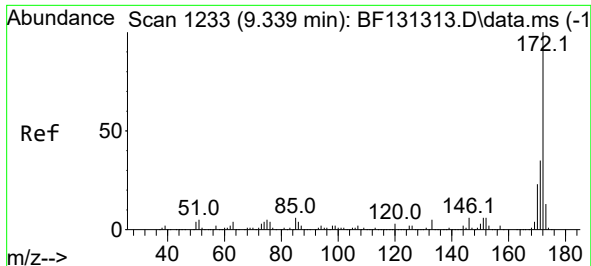
Tgt Ion:164 Resp: 256185  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.6 120.8  
160 44.4 34.4 51.6



#42  
2,4,6-Tribromophenol  
Concen: 151.849 ng  
RT: 10.816 min Scan# 1484  
Delta R.T. 0.000 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

Tgt Ion:330 Resp: 327281  
Ion Ratio Lower Upper  
330 100  
332 98.0 77.5 116.3  
141 35.0 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 77.272 ng

RT: 9.334 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131328.D

Acq: 22 Nov 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

PB149160BL

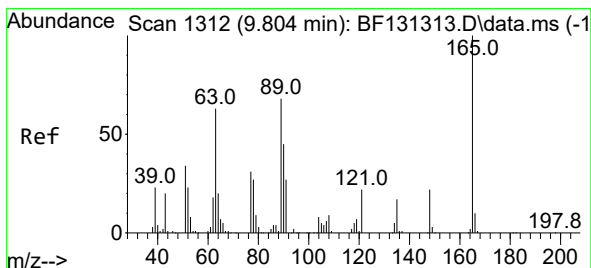
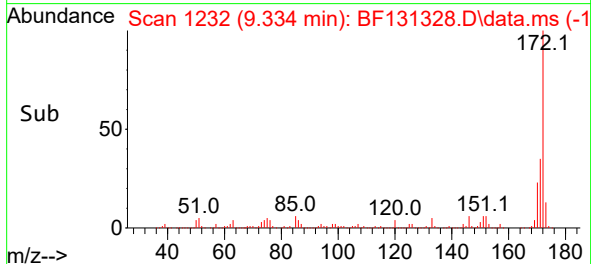
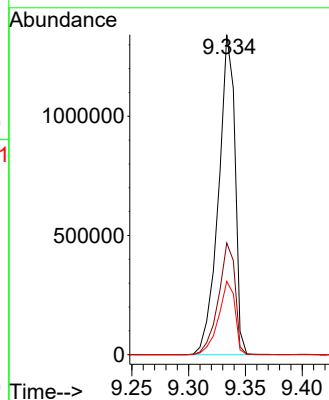
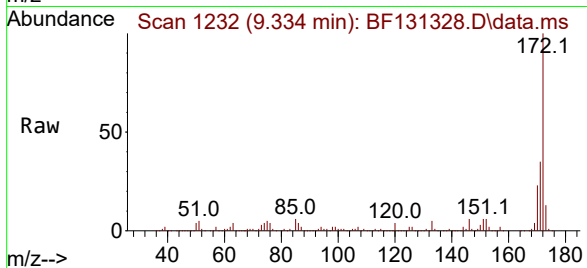
Tgt Ion:172 Resp: 1360720

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 22.9 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.339 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.212 min

Lab File: BF131328.D

Acq: 22 Nov 2022 13:36

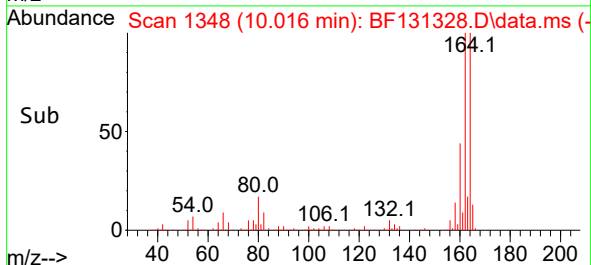
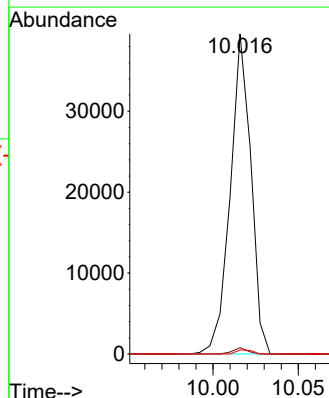
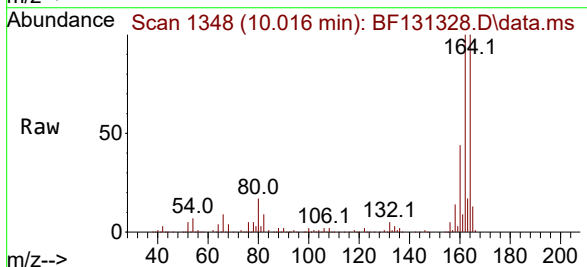
Tgt Ion:165 Resp: 33335

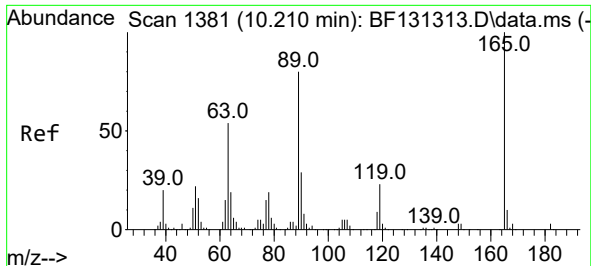
Ion Ratio Lower Upper

165 100

63 1.9 62.0 93.0#

89 1.3 54.4 81.6#

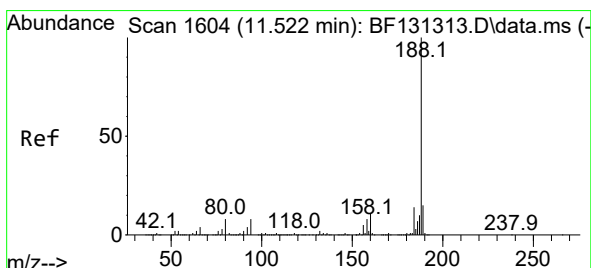
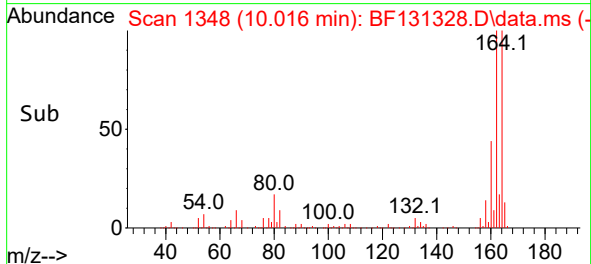
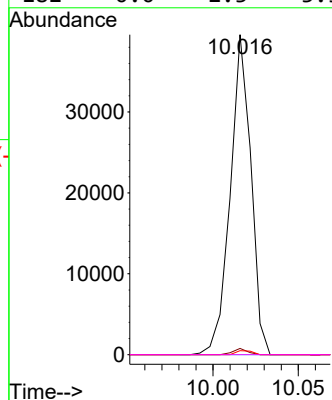
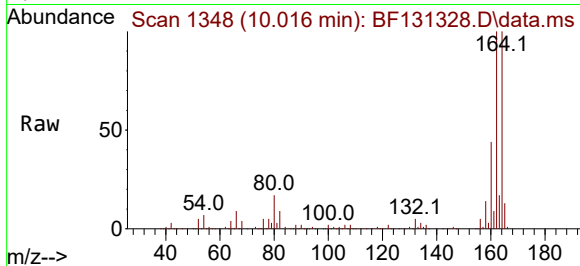




#57  
2,4-Dinitrotoluene  
Concen: 7.422 ng  
RT: 10.016 min Scan# 11  
Delta R.T. -0.194 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

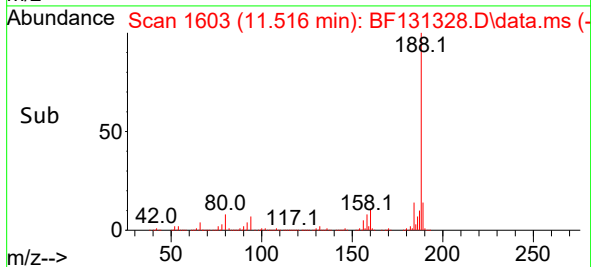
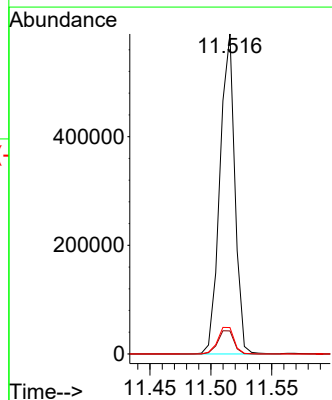
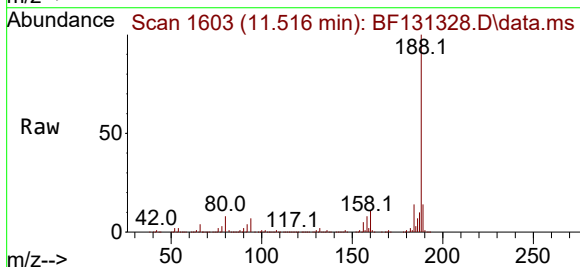
Instrument :  
BNA\_F  
ClientSampleId :  
PB149160BL

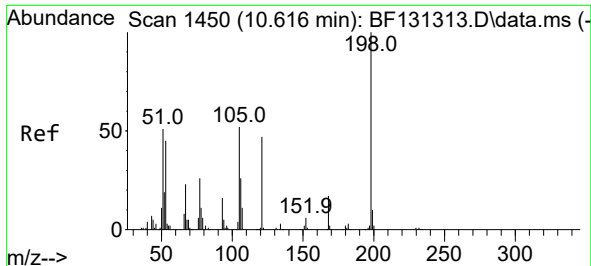
Tgt Ion:165 Resp: 33335  
Ion Ratio Lower Upper  
165 100  
63 1.9 43.4 65.2#  
89 1.3 64.0 96.0#  
182 0.0 2.3 3.5#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.516 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

Tgt Ion:188 Resp: 506031  
Ion Ratio Lower Upper  
188 100  
94 7.2 6.3 9.5  
80 8.3 6.8 10.2

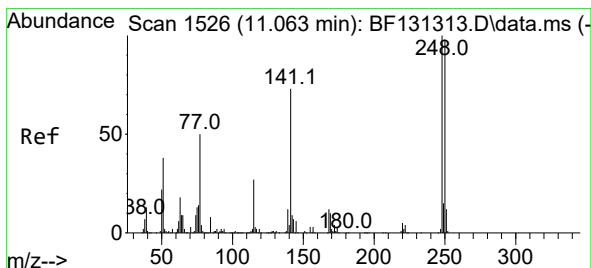
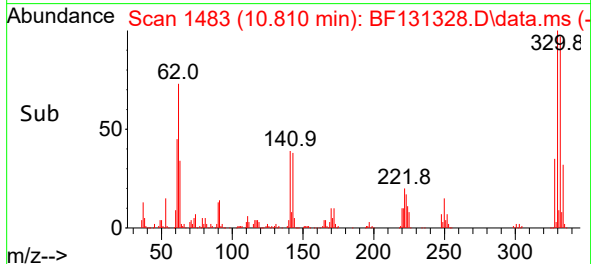
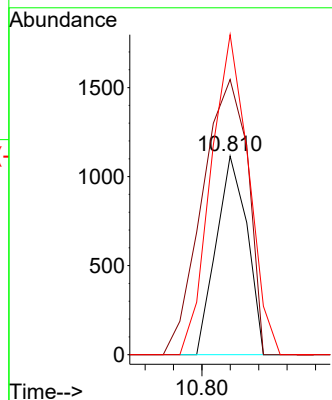
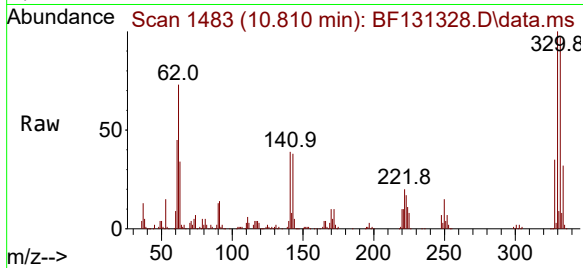




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.009 ng  
RT: 10.810 min Scan# 1450  
Delta R.T. 0.194 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

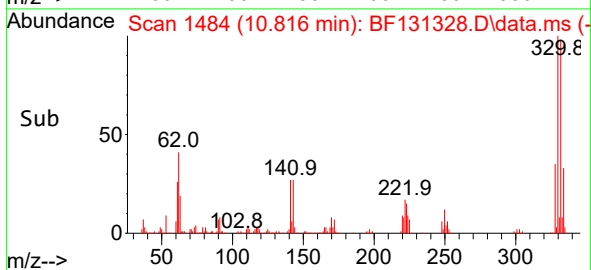
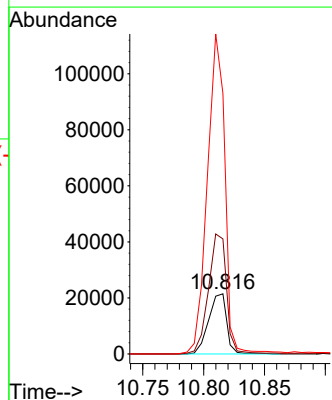
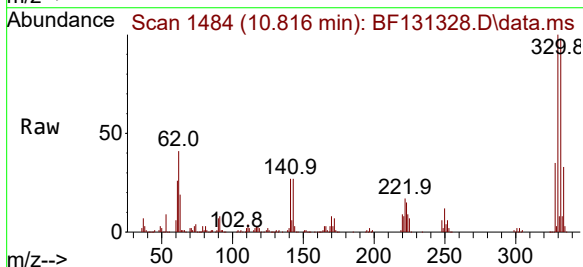
Instrument :  
BNA\_F  
ClientSampleId :  
PB149160BL

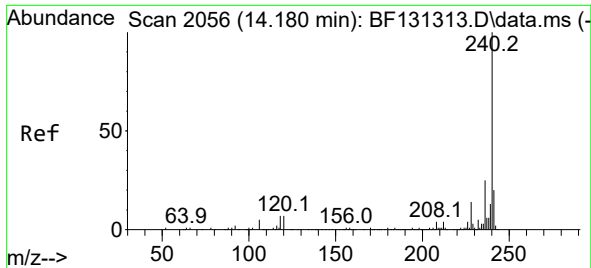
Tgt Ion:198 Resp: 843  
Ion Ratio Lower Upper  
198 100  
51 138.6 50.1 90.1#  
105 161.2 32.5 72.5#



#67  
4-Bromophenyl-phenylether  
Concen: 3.582 ng  
RT: 10.816 min Scan# 1484  
Delta R.T. -0.247 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

Tgt Ion:248 Resp: 22214  
Ion Ratio Lower Upper  
248 100  
250 191.3 78.3 117.5#  
141 433.0 58.0 87.0#

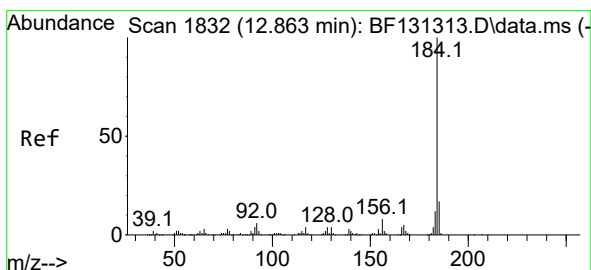
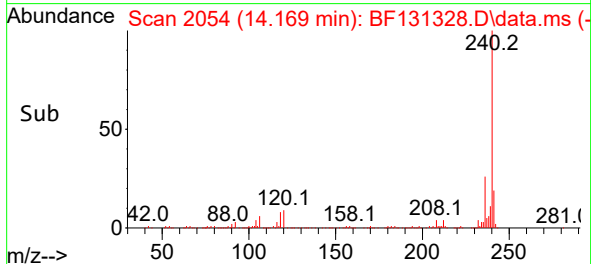
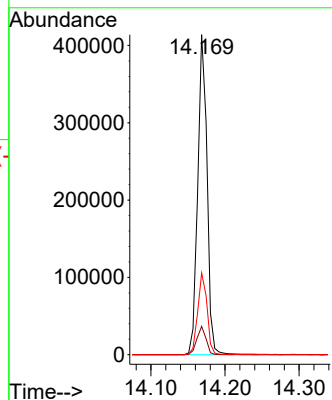
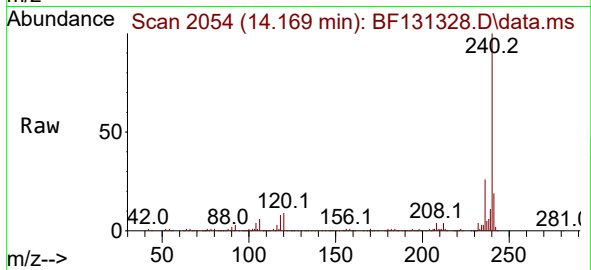




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.169 min Scan# 2056  
Delta R.T. -0.012 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

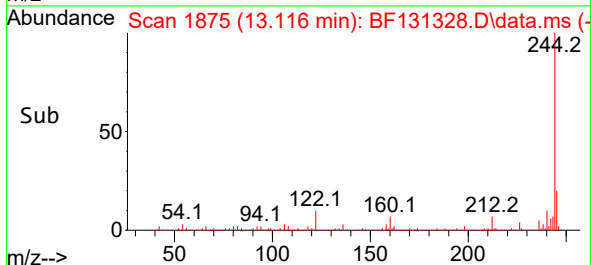
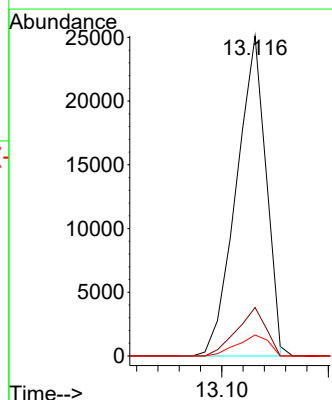
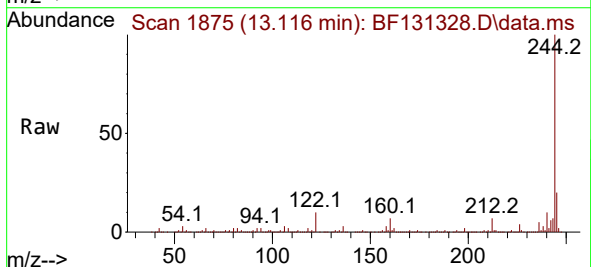
Instrument :  
BNA\_F  
ClientSampleId :  
PB149160BL

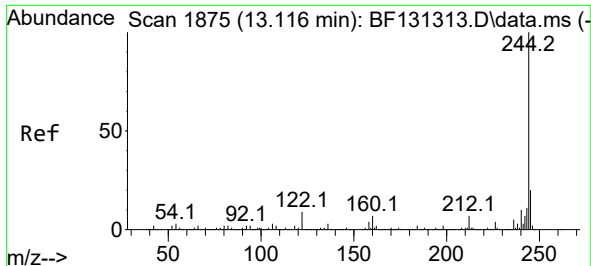
Tgt Ion:240 Resp: 360668  
Ion Ratio Lower Upper  
240 100  
120 8.8 5.8 8.8#  
236 25.5 20.3 30.5



#77  
Benzidine  
Concen: 3.658 ng  
RT: 13.116 min Scan# 1875  
Delta R.T. 0.253 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

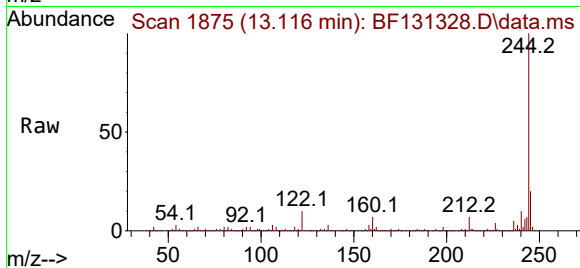
Tgt Ion:184 Resp: 24367  
Ion Ratio Lower Upper  
184 100  
185 15.2 13.8 20.8  
183 6.6 9.6 14.4#



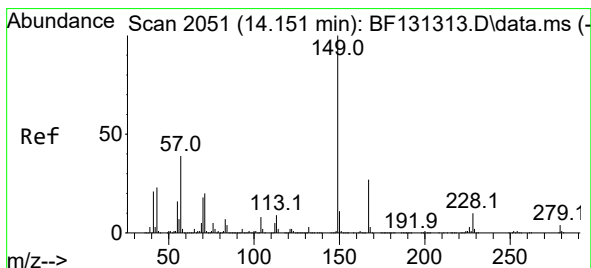
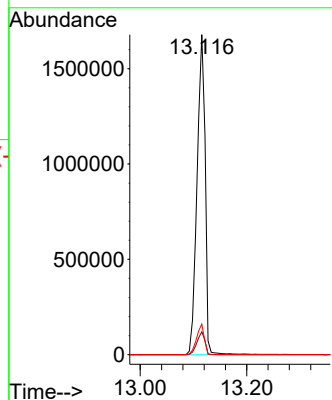
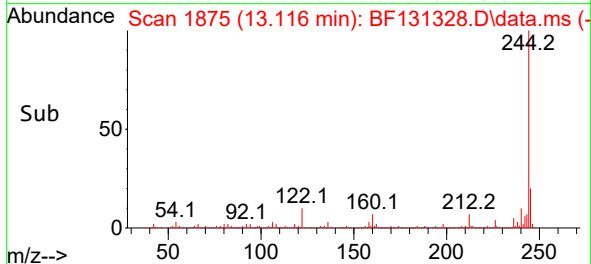


#79  
 Terphenyl-d14  
 Concen: 81.085 ng  
 RT: 13.116 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF131328.D  
 Acq: 22 Nov 2022 13:36

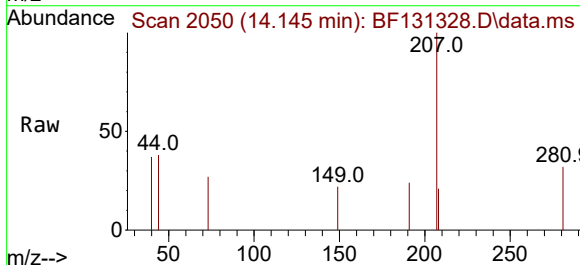
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149160BL



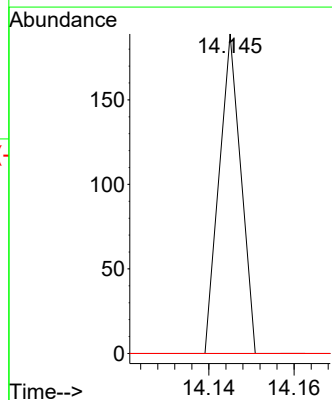
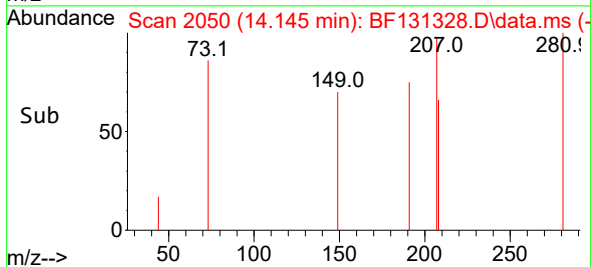
Tgt Ion:244 Resp: 1788380  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.9 8.9  
 122 9.5 7.5 11.3

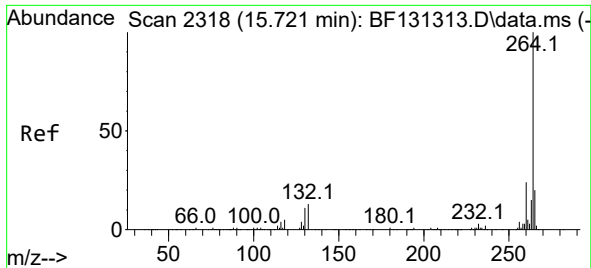


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.753 ng  
 RT: 14.145 min Scan# 2050  
 Delta R.T. -0.006 min  
 Lab File: BF131328.D  
 Acq: 22 Nov 2022 13:36



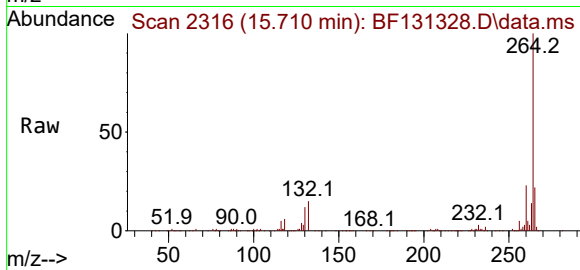
Tgt Ion:149 Resp: 67  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 21.9 32.9#  
 279 0.0 3.0 4.4#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.710 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF131328.D  
Acq: 22 Nov 2022 13:36

Instrument :  
BNA\_F  
ClientSampleId :  
PB149160BL



Tgt Ion:264 Resp: 258008  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.0 28.4  
265 21.6 16.4 24.6

