

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121622\  
 Data File : BF131681.D  
 Acq On : 16 Dec 2022 23:06  
 Operator : CG\JU  
 Sample : N6061-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-12013

Quant Time: Dec 17 03:59:48 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 16 01:44:46 2022  
 Response via : Initial Calibration

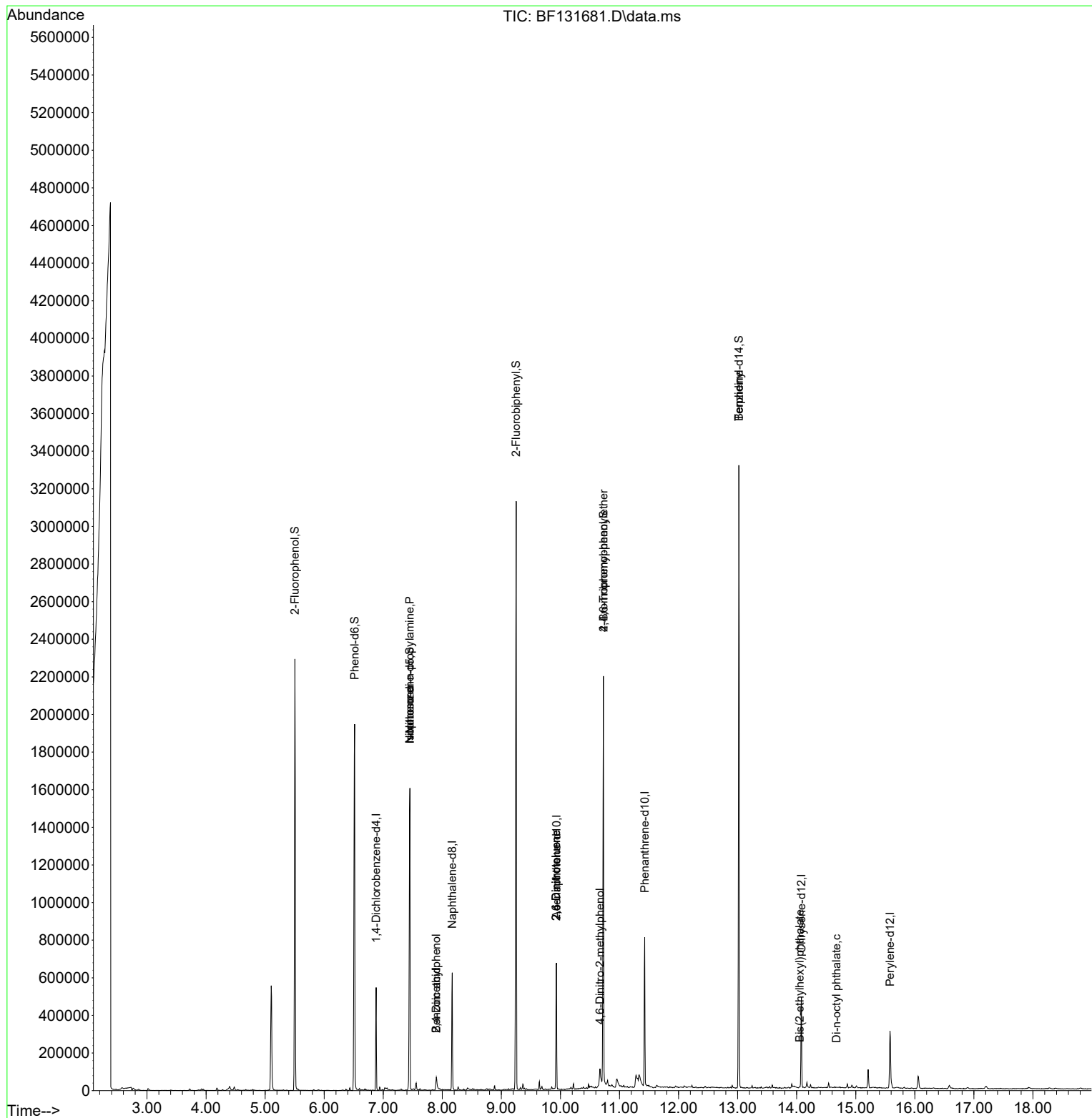
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 67736    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 243480   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 140417   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 266357   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.080 | 240  | 160745   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.580 | 264  | 150968   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 578430   | 142.463 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.516  | 99   | 695305   | 130.681 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 569904   | 88.493  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 228598   | 146.530 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 966396   | 86.777  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.021 | 244  | 1149339  | 98.056  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 79363    | 19.892  | ng    | # 77     |
| 25) Isophorone                | 7.451  | 82   | 569897   | 54.938  | ng    | # 69     |
| 27) 2,4-Dimethylphenol        | 7.898  | 122  | 20225    | 5.957   | ng    | # 1      |
| 32) Benzoic acid              | 7.898  | 122  | 20225    | 8.226   | ng    | 90       |
| 51) 2,6-Dinitrotoluene        | 9.927  | 165  | 18048    | 8.167   | ng    | # 11     |
| 57) 2,4-Dinitrotoluene        | 9.927  | 165  | 18048    | 6.157   | ng    | # 17     |
| 65) 4,6-Dinitro-2-methylph... | 10.669 | 198  | 17535    | 10.394  | ng    | # 56     |
| 67) 4-Bromophenyl-phenylether | 10.727 | 248  | 14953    | 4.364   | ng    | # 1      |
| 77) Benzidine                 | 13.021 | 184  | 17891    | 4.154   | ng    | # 91     |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 1153     | 3.205   | ng    | # 94     |
| 85) Di-n-octyl phthalate      | 14.674 | 149  | 126      | 5.230   | ng    | # 74     |
| -----                         |        |      |          |         |       |          |

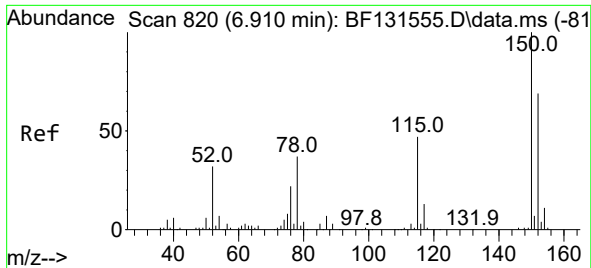
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121622\  
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Sample : N6061-01  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
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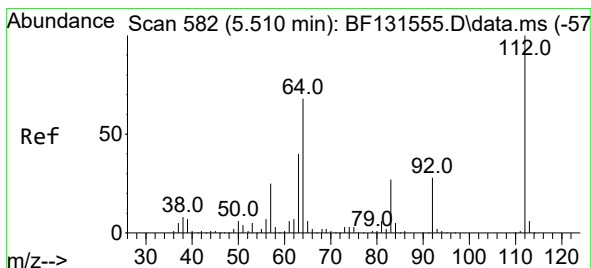
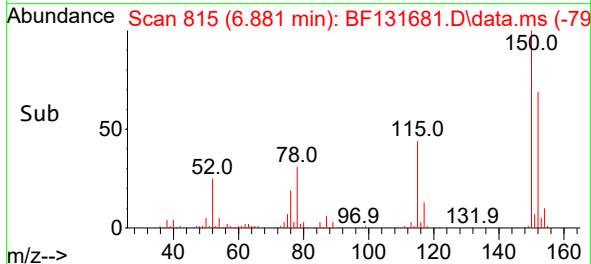
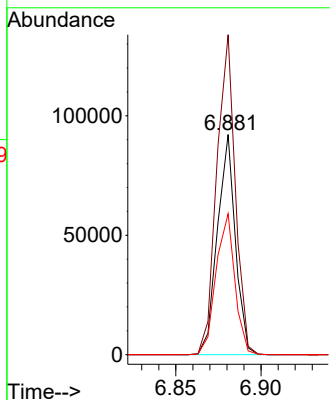
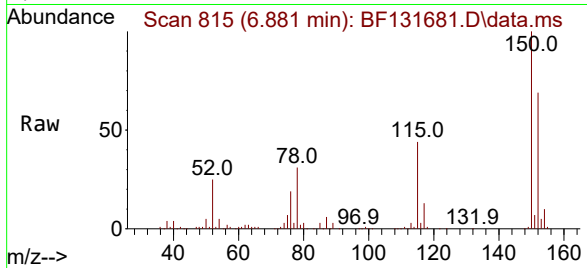




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

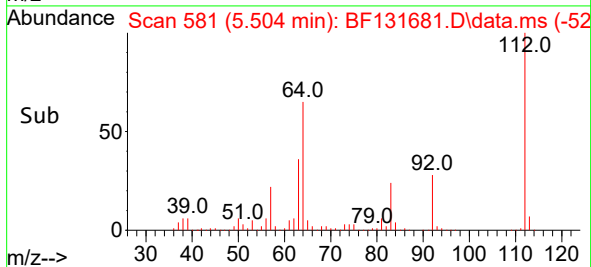
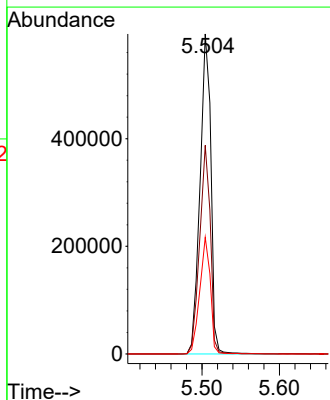
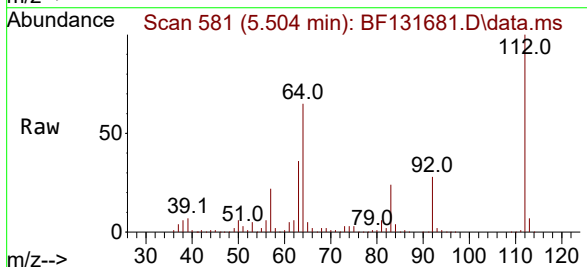
Instrument :  
BNA\_F  
ClientSampleId :  
72-12013

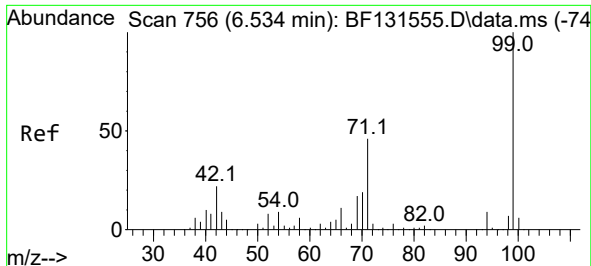
Tgt Ion:152 Resp: 67736  
Ion Ratio Lower Upper  
152 100  
150 145.3 116.7 175.1  
115 64.0 54.6 82.0



#5  
2-Fluorophenol  
Concen: 142.463 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

Tgt Ion:112 Resp: 578430  
Ion Ratio Lower Upper  
112 100  
64 65.2 54.5 81.7  
63 36.4 31.9 47.9

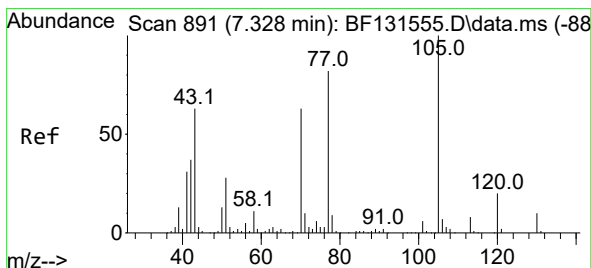
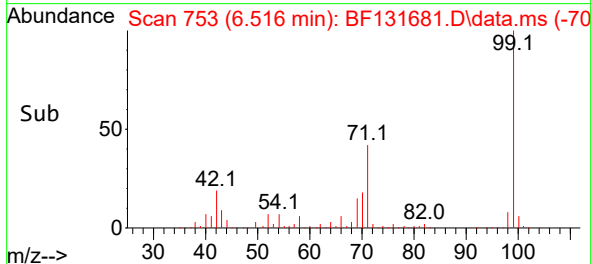
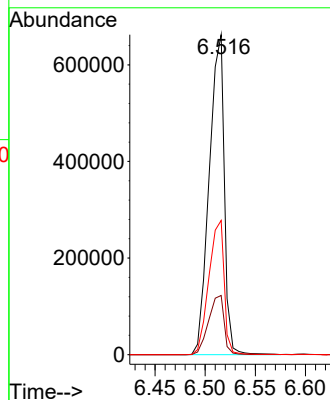
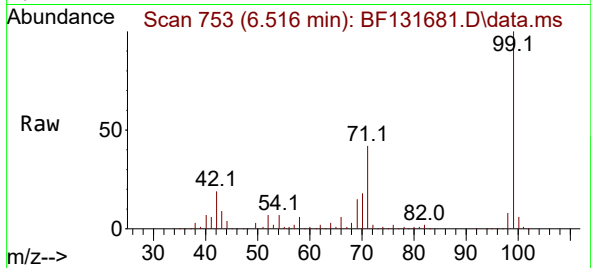




#7  
Phenol-d6  
Concen: 130.681 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

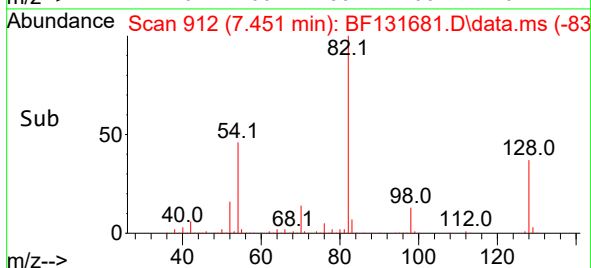
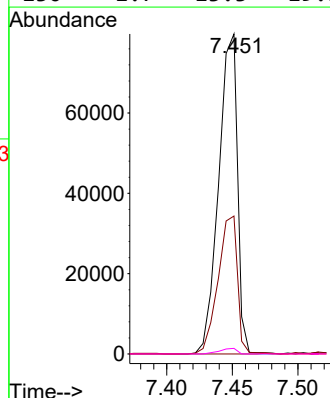
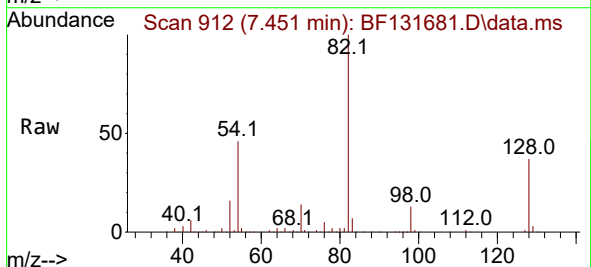
Instrument :  
BNA\_F  
ClientSampleId :  
72-12013

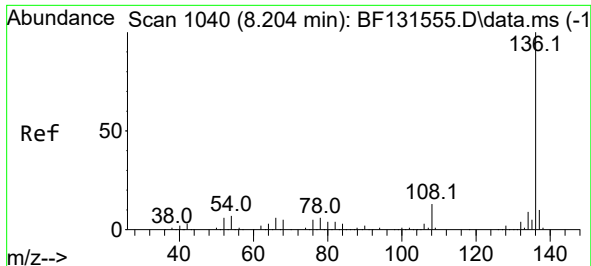
Tgt Ion: 99 Resp: 695305  
Ion Ratio Lower Upper  
99 100  
42 18.5 17.9 26.9  
71 41.9 37.2 55.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.892 ng  
RT: 7.451 min Scan# 912  
Delta R.T. 0.153 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

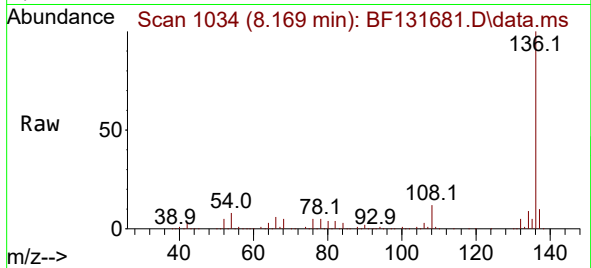
Tgt Ion: 70 Resp: 79363  
Ion Ratio Lower Upper  
70 100  
42 43.1 46.4 69.6#  
101 0.0 7.2 10.8#  
130 1.7 13.3 19.9#



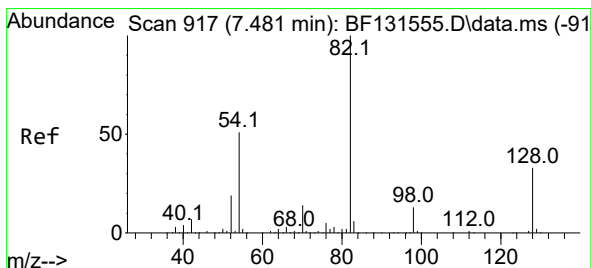
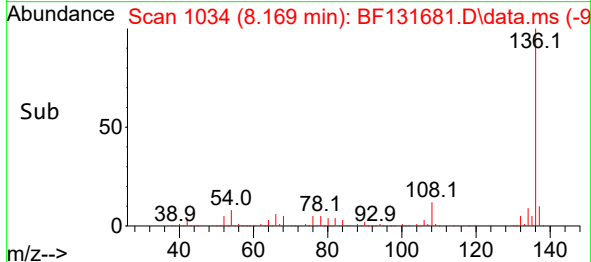
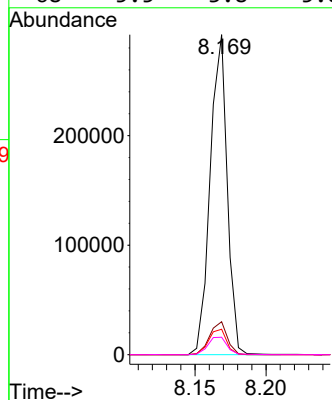


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

Instrument :  
BNA\_F  
ClientSampleId :  
72-12013

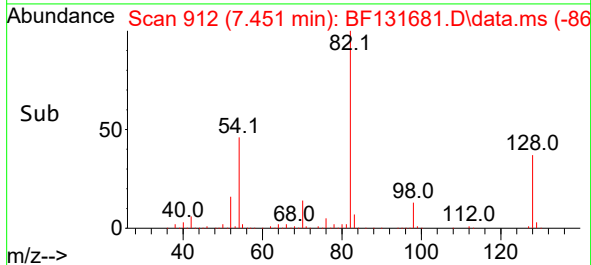
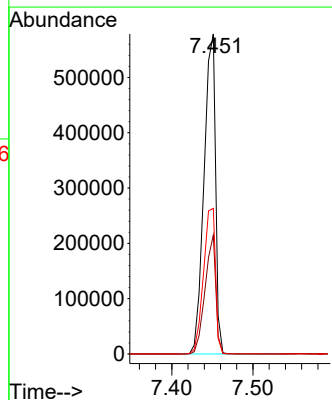
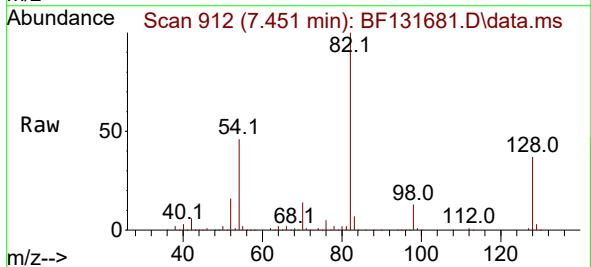


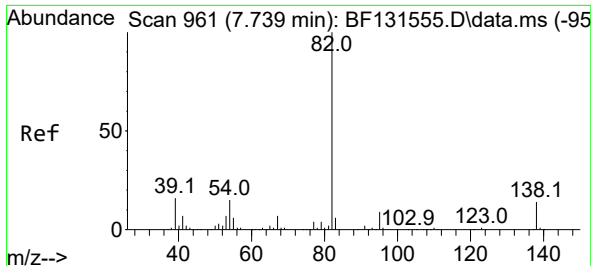
Tgt Ion:136 Resp: 243480  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.1 12.1  
54 7.9 6.0 9.0  
68 5.5 3.8 5.8



#23  
Nitrobenzene-d5  
Concen: 88.493 ng  
RT: 7.451 min Scan# 912  
Delta R.T. -0.000 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

Tgt Ion: 82 Resp: 569904  
Ion Ratio Lower Upper  
82 100  
128 37.1 26.1 39.1  
54 45.5 40.6 60.8

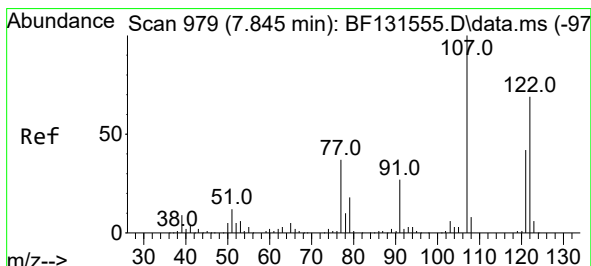
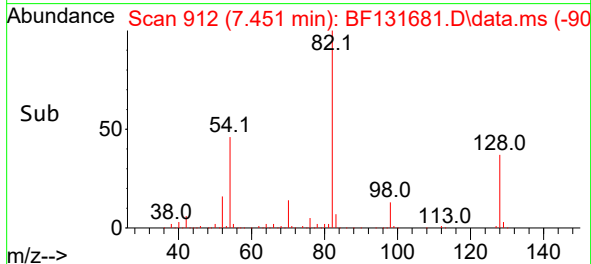
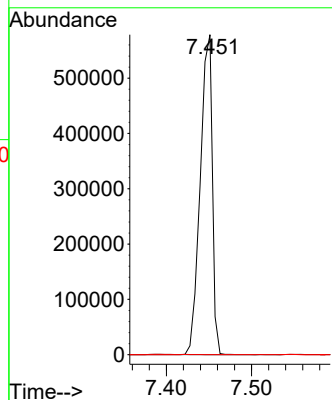
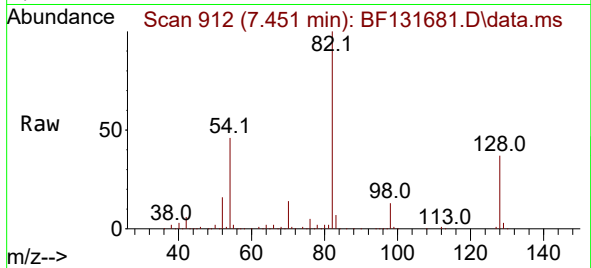




#25  
Isophorone  
Concen: 54.938 ng  
RT: 7.451 min Scan# 91  
Delta R.T. -0.259 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

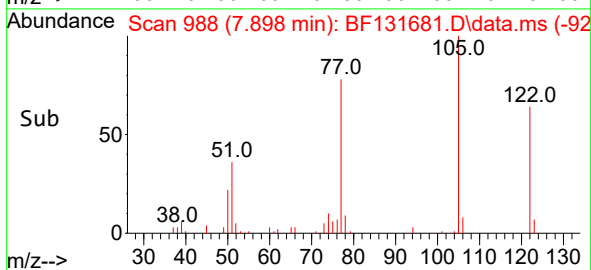
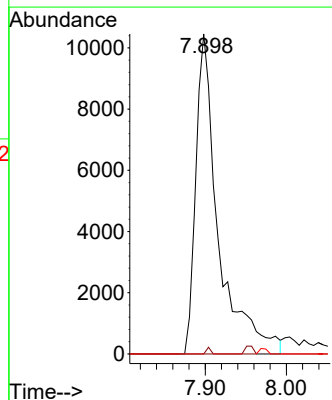
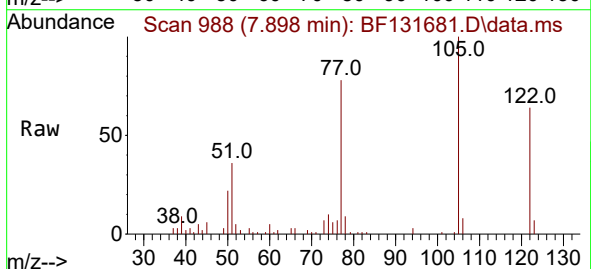
Instrument :  
BNA\_F  
ClientSampleId :  
72-12013

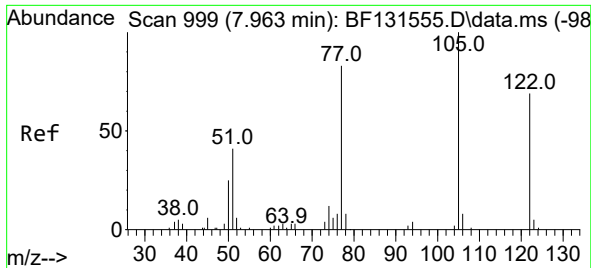
Tgt Ion: 82 Resp: 569897  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.9 10.3#  
138 0.0 11.4 17.0#



#27  
2,4-Dimethylphenol  
Concen: 5.957 ng  
RT: 7.898 min Scan# 988  
Delta R.T. 0.076 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

Tgt Ion: 122 Resp: 20225  
Ion Ratio Lower Upper  
122 100  
107 0.0 114.2 171.2#  
121 0.0 48.2 72.2#

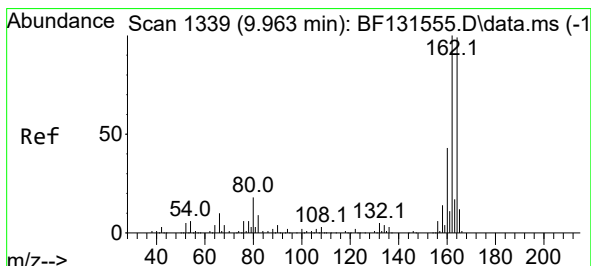
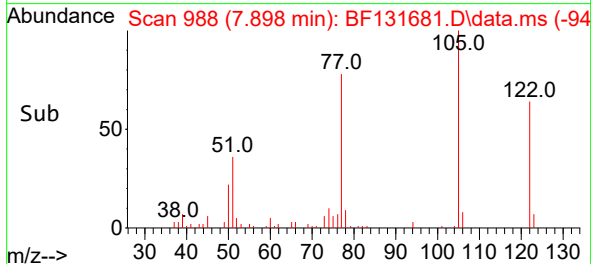
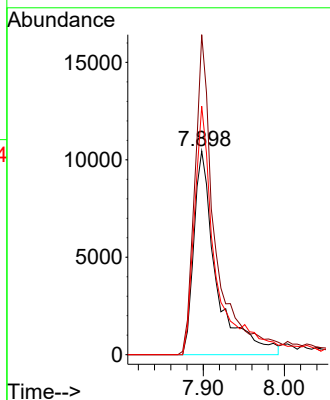
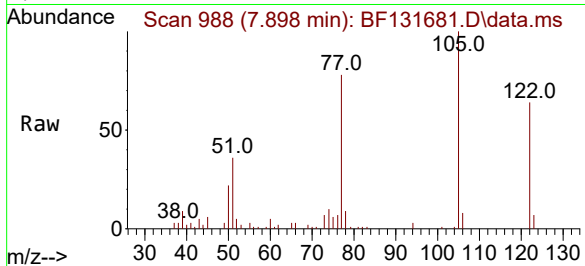




#32  
Benzoic acid  
Concen: 8.226 ng  
RT: 7.898 min Scan# 91  
Delta R.T. -0.053 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

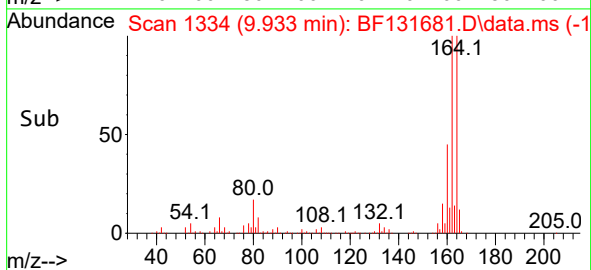
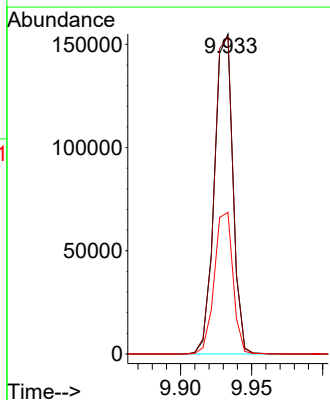
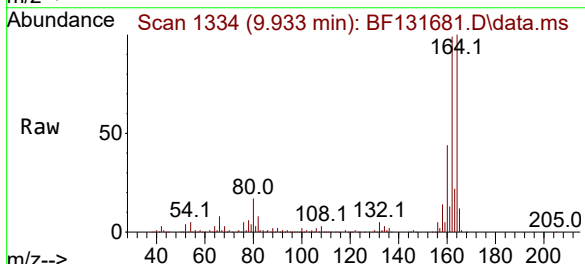
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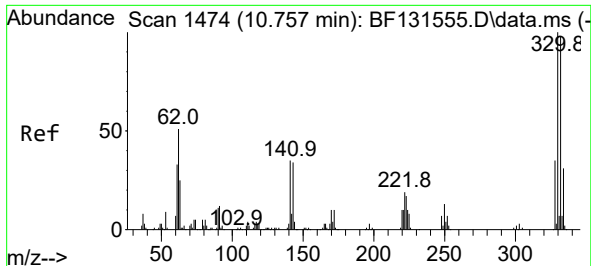
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|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 20225 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 105      | 157.1 | 119.8 | 159.8 |
| 77       | 122.0 | 97.6  | 137.6 |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 140417 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 99.2  | 81.0  | 121.6  |
| 160      | 44.3  | 35.0  | 52.6   |

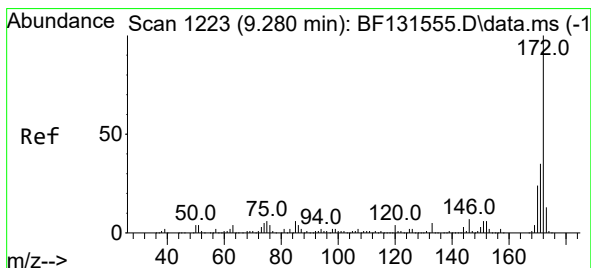
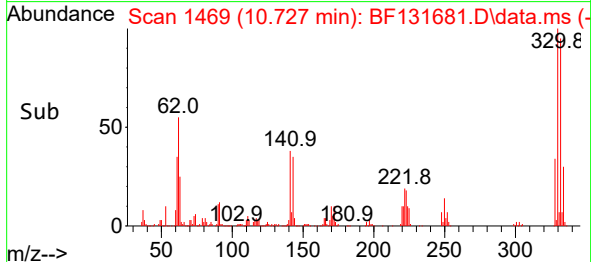
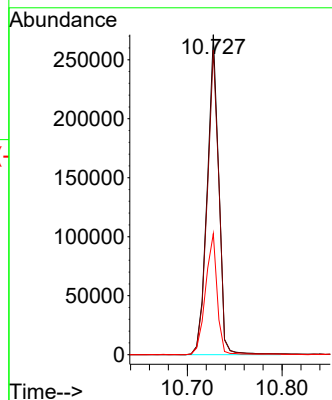
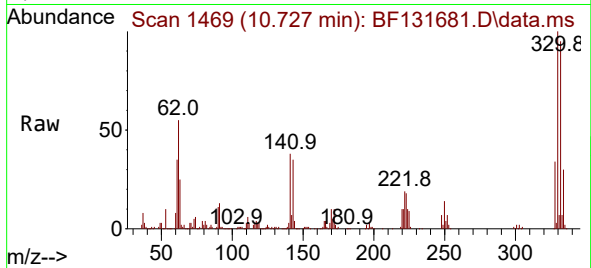




#42  
2,4,6-Tribromophenol  
Concen: 146.530 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

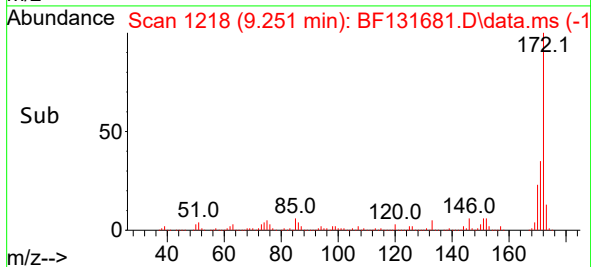
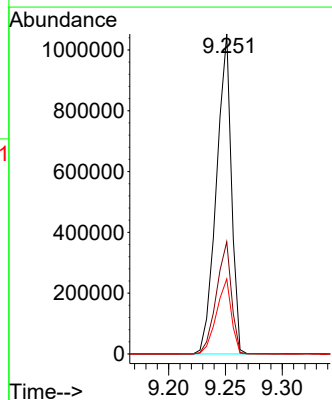
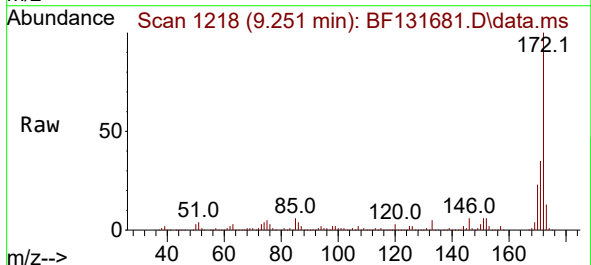
Instrument :  
BNA\_F  
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72-12013

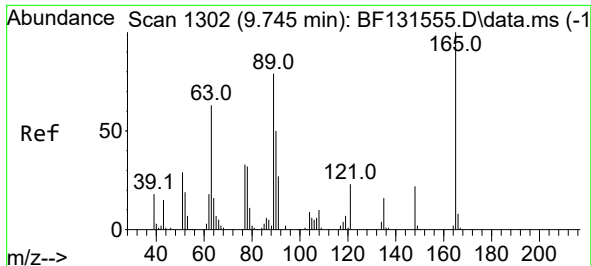
Tgt Ion:330 Resp: 228598  
Ion Ratio Lower Upper  
330 100  
332 96.6 78.3 117.5  
141 38.1 32.6 49.0



#45  
2-Fluorobiphenyl  
Concen: 86.777 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.000 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

Tgt Ion:172 Resp: 966396  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.3 42.5  
170 23.4 19.3 28.9

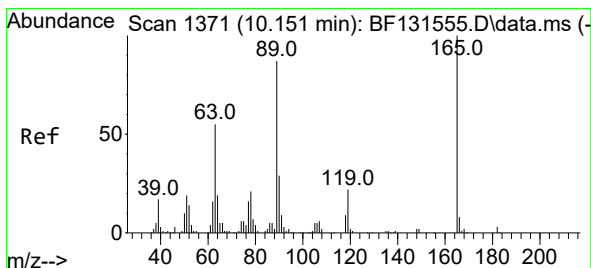
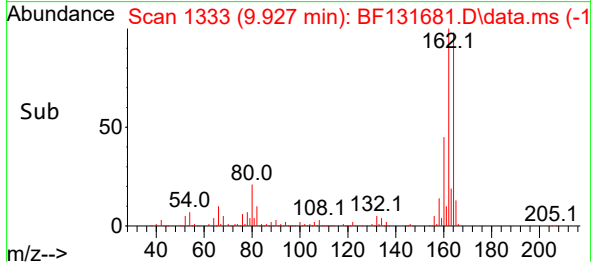
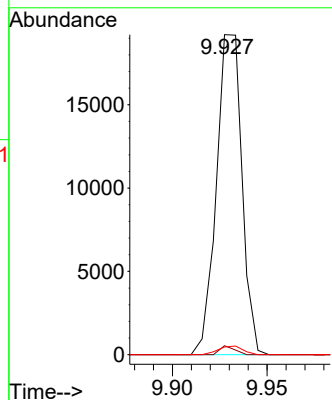
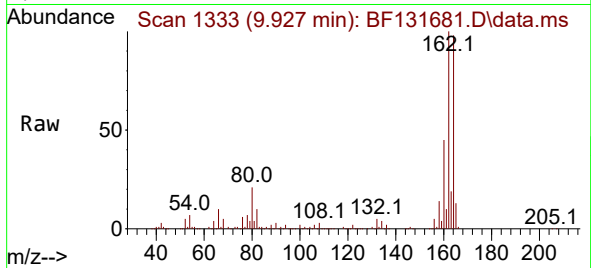




#51  
2,6-Dinitrotoluene  
Concen: 8.167 ng  
RT: 9.927 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

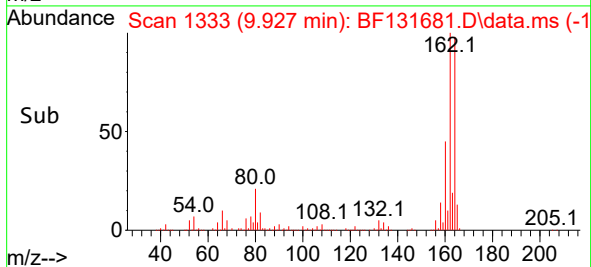
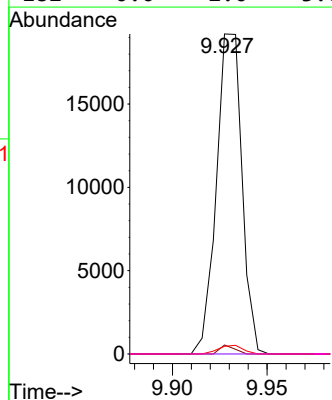
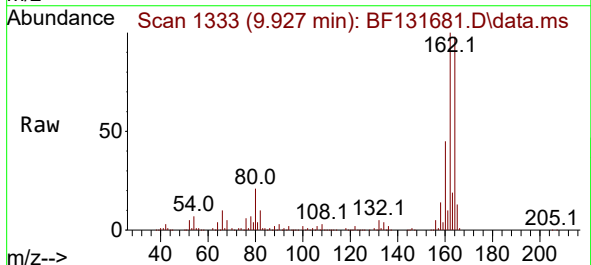
Instrument :  
BNA\_F  
ClientSampleId :  
72-12013

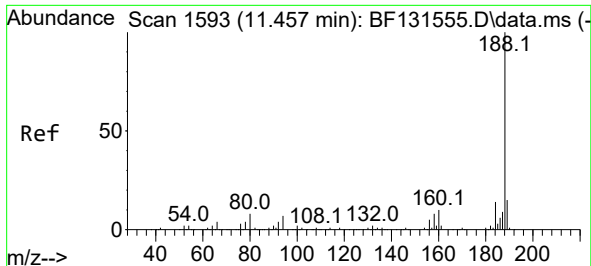
Tgt Ion:165 Resp: 18048  
Ion Ratio Lower Upper  
165 100  
63 2.8 67.9 101.9#  
89 2.4 63.2 94.8#



#57  
2,4-Dinitrotoluene  
Concen: 6.157 ng  
RT: 9.927 min Scan# 1333  
Delta R.T. -0.200 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

Tgt Ion:165 Resp: 18048  
Ion Ratio Lower Upper  
165 100  
63 2.8 44.4 66.6#  
89 2.4 69.6 104.4#  
182 0.0 2.0 3.0#

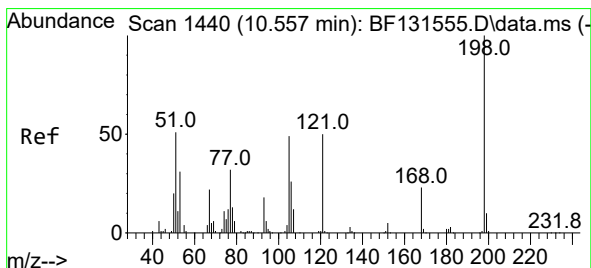
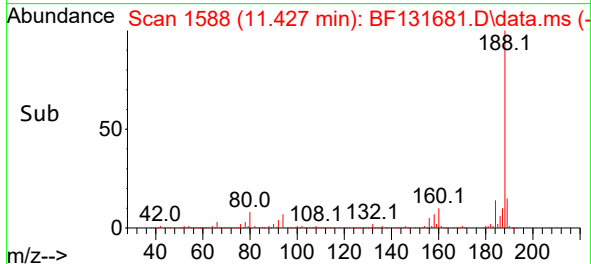
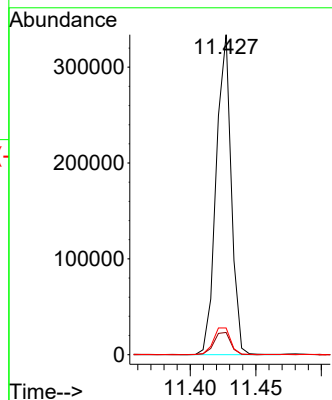
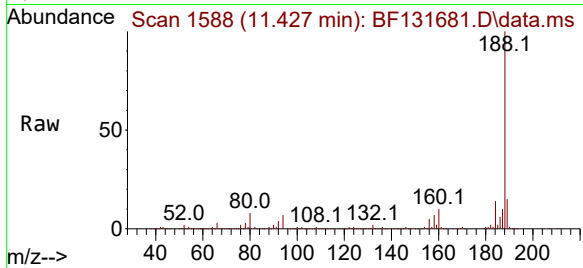




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.427 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

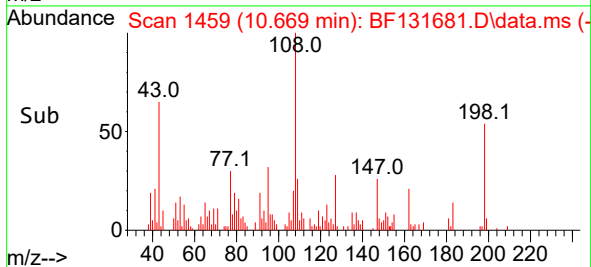
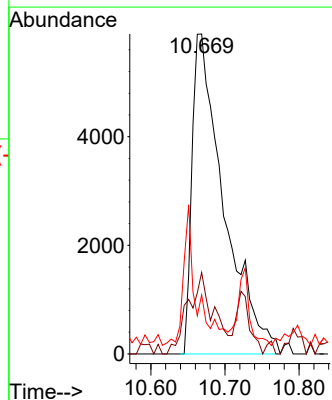
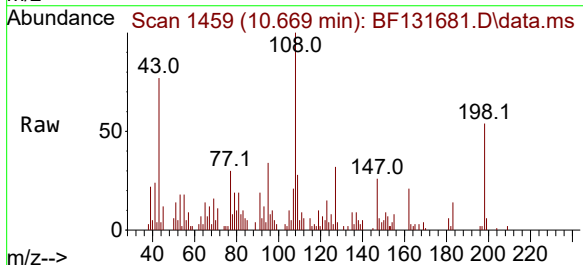
Instrument :  
BNA\_F  
ClientSampleId :  
72-12013

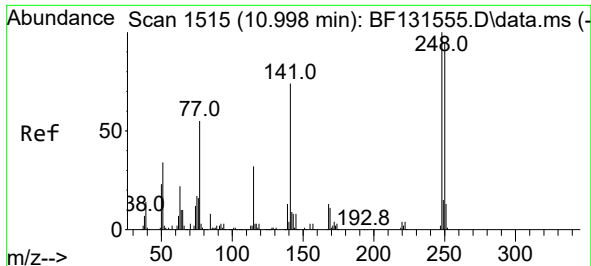
Tgt Ion:188 Resp: 266357  
Ion Ratio Lower Upper  
188 100  
94 6.9 5.5 8.3  
80 8.4 6.6 10.0



#65  
4,6-Dinitro-2-methylphenol  
Concen: 10.394 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. 0.129 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

Tgt Ion:198 Resp: 17535  
Ion Ratio Lower Upper  
198 100  
51 25.4 36.7 76.7#  
105 18.4 29.9 69.9#

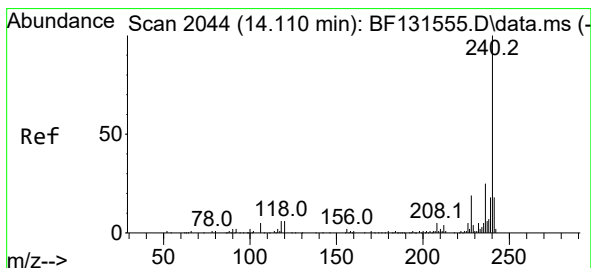
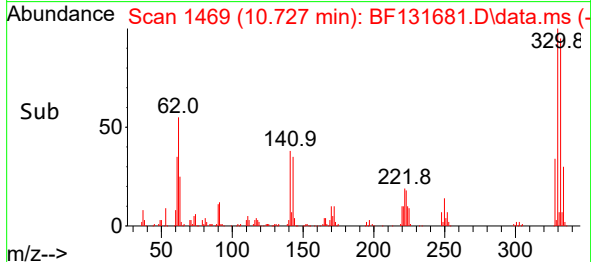
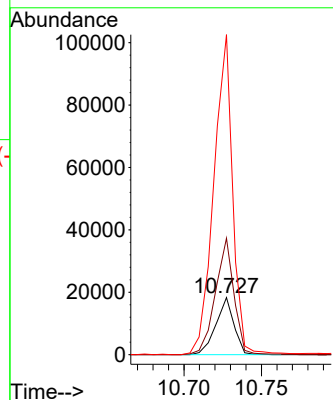
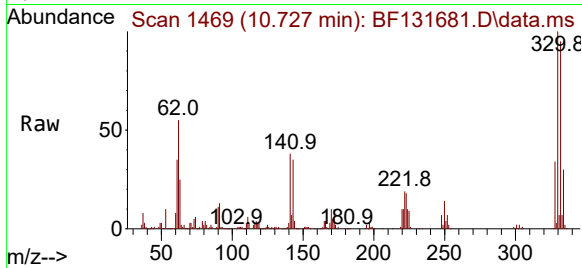




#67  
4-Bromophenyl-phenylether  
Concen: 4.364 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. -0.241 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

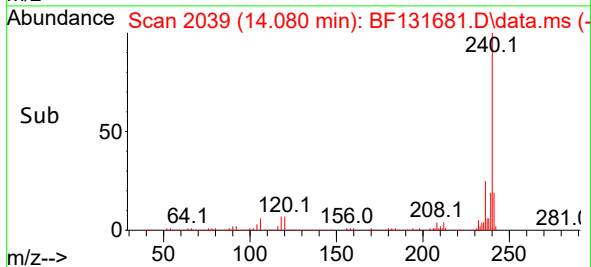
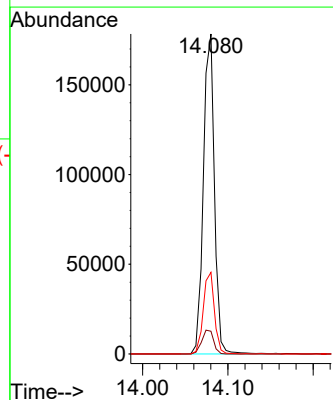
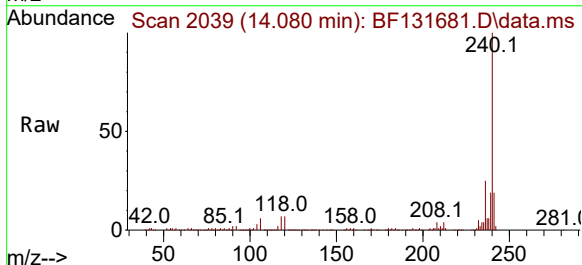
Instrument :  
BNA\_F  
ClientSampleId :  
72-12013

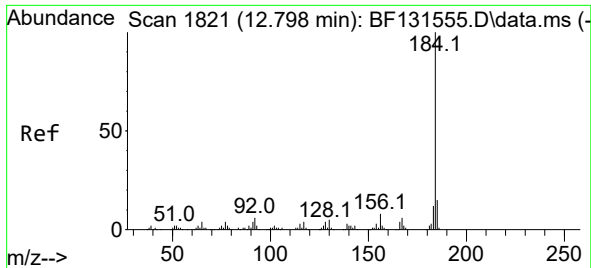
Tgt Ion:248 Resp: 14953  
Ion Ratio Lower Upper  
248 100  
250 203.8 76.2 114.2#  
141 559.7 59.5 89.3#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. -0.000 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

Tgt Ion:240 Resp: 160745  
Ion Ratio Lower Upper  
240 100  
120 7.1 4.6 7.0#  
236 25.5 20.2 30.2

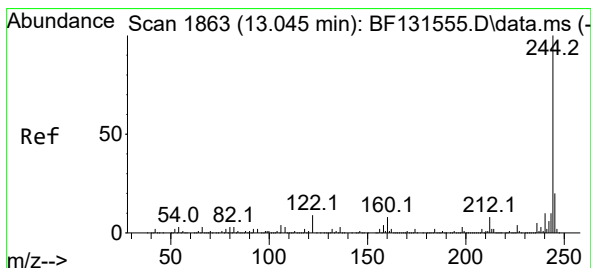
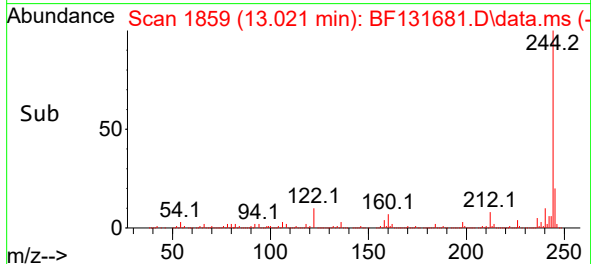
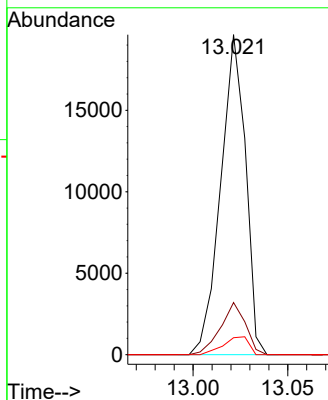
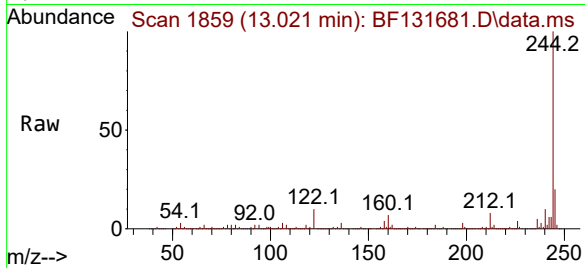




#77  
Benzidine  
Concen: 4.154 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. 0.247 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

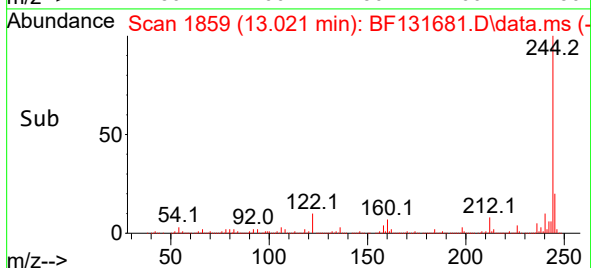
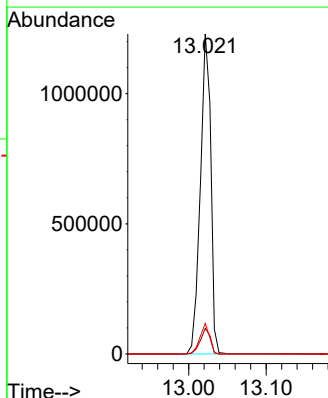
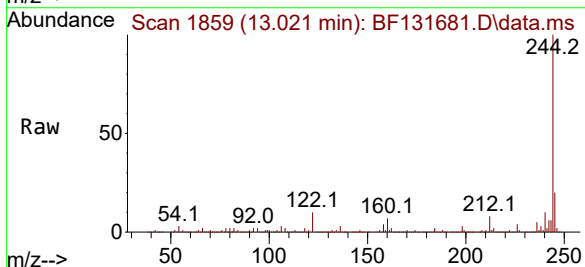
Instrument :  
BNA\_F  
ClientSampleId :  
72-12013

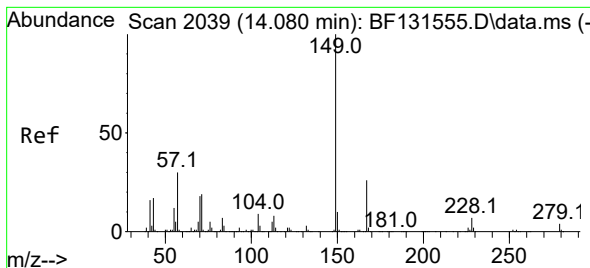
Tgt Ion:184 Resp: 17891  
Ion Ratio Lower Upper  
184 100  
185 16.3 12.2 18.2  
183 5.3 9.3 13.9#



#79  
Terphenyl-d14  
Concen: 98.056 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. -0.000 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

Tgt Ion:244 Resp: 1149339  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.5 9.7  
122 9.5 7.1 10.7

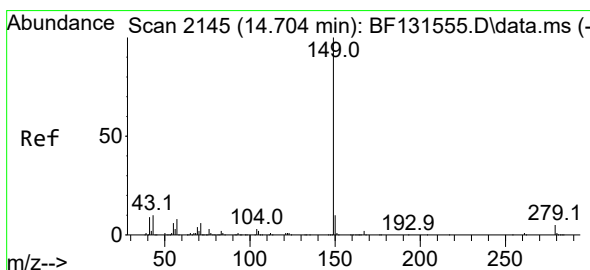
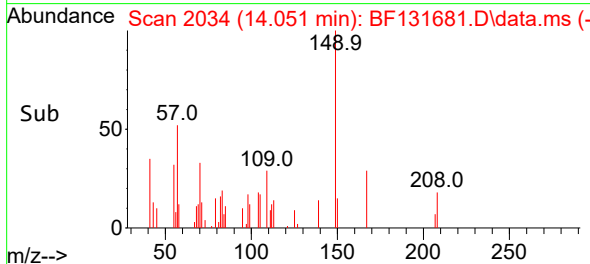
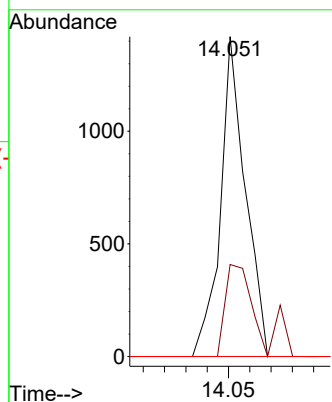
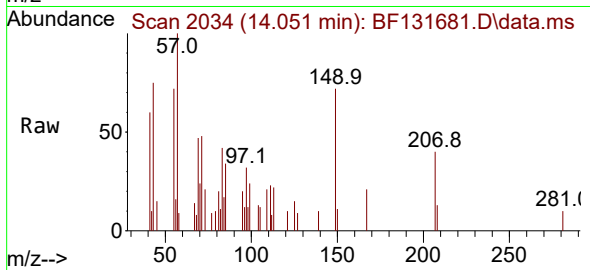




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.205 ng  
 RT: 14.051 min Scan# 2039  
 Delta R.T. -0.006 min  
 Lab File: BF131681.D  
 Acq: 16 Dec 2022 23:06

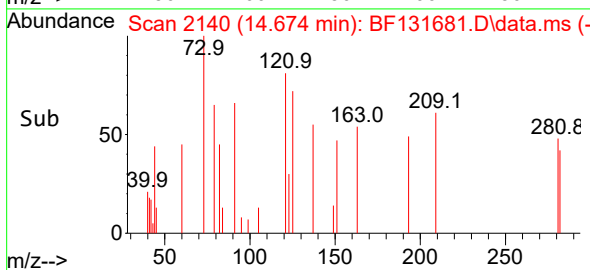
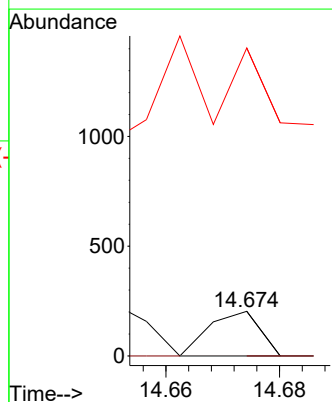
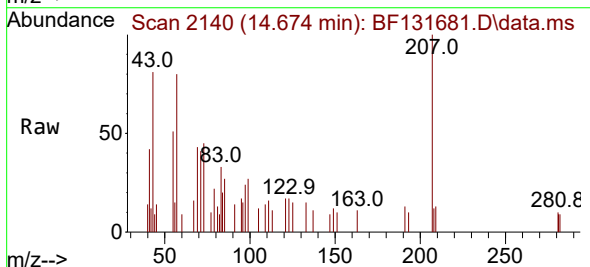
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-12013

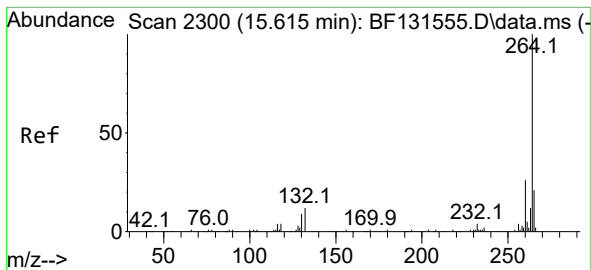
Tgt Ion:149 Resp: 1153  
 Ion Ratio Lower Upper  
 149 100  
 167 28.8 20.8 31.2  
 279 0.0 3.3 4.9#



#85  
 Di-n-octyl phthalate  
 Concen: 5.230 ng  
 RT: 14.674 min Scan# 2140  
 Delta R.T. -0.000 min  
 Lab File: BF131681.D  
 Acq: 16 Dec 2022 23:06

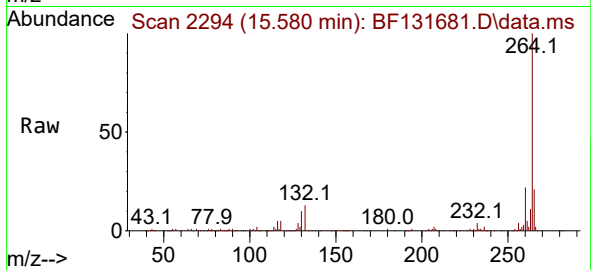
Tgt Ion:149 Resp: 126  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 1.2 1.8#  
 43 0.0 8.6 13.0#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.580 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF131681.D  
Acq: 16 Dec 2022 23:06

Instrument :  
BNA\_F  
ClientSampleId :  
72-12013



Tgt Ion:264 Resp: 150968  
Ion Ratio Lower Upper  
264 100  
260 22.4 20.6 30.8  
265 21.5 16.8 25.2

