

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011623\  
 Data File : BF132090.D  
 Acq On : 17 Jan 2023 02:23  
 Operator : CG\JU  
 Sample : PB150209BL  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150209BL

Quant Time: Jan 17 06:53:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 17 01:48:42 2023  
 Response via : Initial Calibration

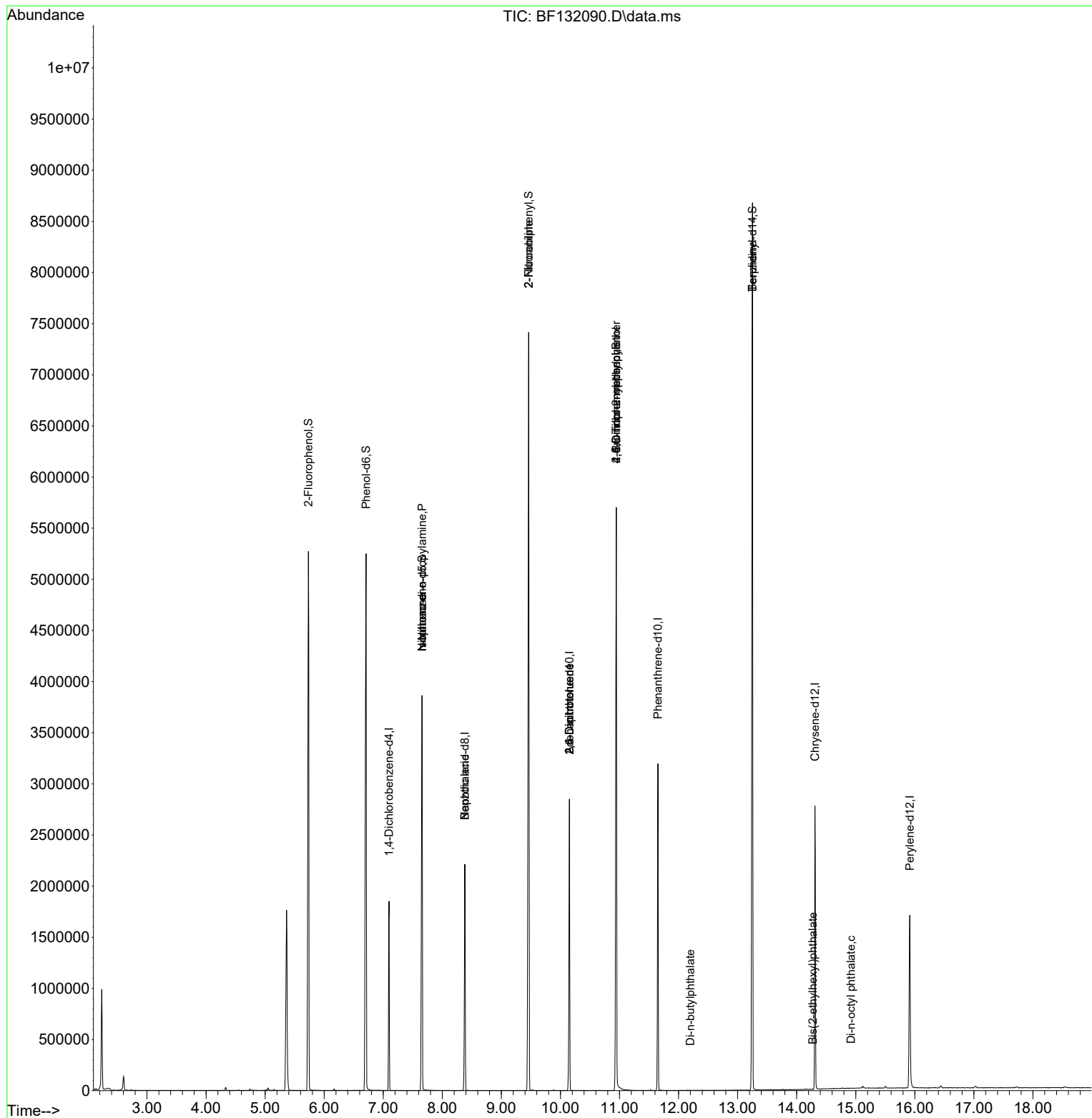
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.098  | 152  | 289113   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.380  | 136  | 1070411  | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.151 | 164  | 583774   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.651 | 188  | 1123388  | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 14.309 | 240  | 933005   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.915 | 264  | 848782   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.734  | 112  | 1800581  | 111.848   | ng    | 0.02     |
| 7) Phenol-d6                  | 6.710  | 99   | 2280344  | 113.590   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.657  | 82   | 1507993  | 96.427    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.945 | 330  | 769206   | 137.929   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.463  | 172  | 2722492  | 72.487    | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.251 | 244  | 3323297  | 67.680    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.657  | 70   | 206919   | 18.421    | ng    | # 77     |
| 25) Isophorone                | 7.657  | 82   | 1507966  | 41.069    | ng    | # 67     |
| 32) Benzoic acid              | 8.380  | 122  | 179      | 4.796     | ng    | # 1      |
| 48) 2-Nitroaniline            | 9.463  | 65   | 4649     | 7.851     | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 10.151 | 165  | 75450    | 13.729    | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 10.151 | 165  | 75450    | 12.890    | ng    | # 25     |
| 65) 4,6-Dinitro-2-methylph... | 10.945 | 198  | 2043     | 6.578     | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 48221    | 3.942     | ng    | # 1      |
| 74) Di-n-butylphthalate       | 12.198 | 149  | 824      | 5.702     | ng    | # 77     |
| 77) Benzidine                 | 13.251 | 184  | 57024    | 3.647     | ng    | # 91     |
| 80) Butylbenzylphthalate      | 13.957 | 149  | 54       | Below Cal |       | # 22     |
| 84) Bis(2-ethylhexyl)phtha... | 14.274 | 149  | 62       | 6.730     | ng    | # 54     |
| 85) Di-n-octyl phthalate      | 14.921 | 149  | 67       | 8.909     | ng    | # 74     |
| -----                         |        |      |          |           |       |          |

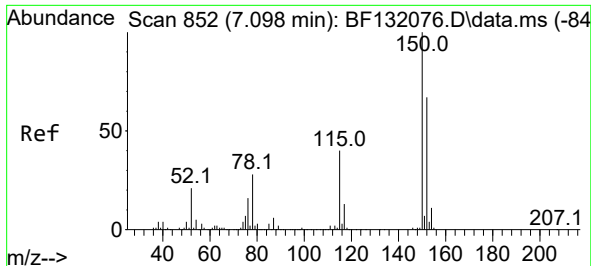
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011623\  
Data File : BF132090.D  
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Sample : PB150209BL  
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ALS Vial : 21 Sample Multiplier: 1

Instrument :  
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Quant Time: Jan 17 06:53:47 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 17 01:48:42 2023  
Response via : Initial Calibration

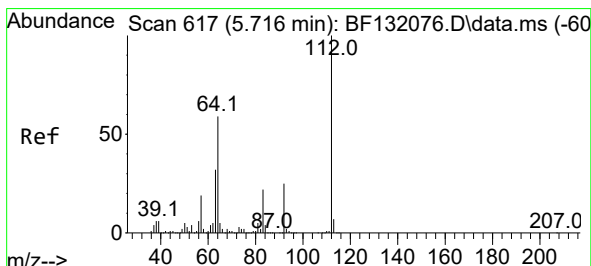
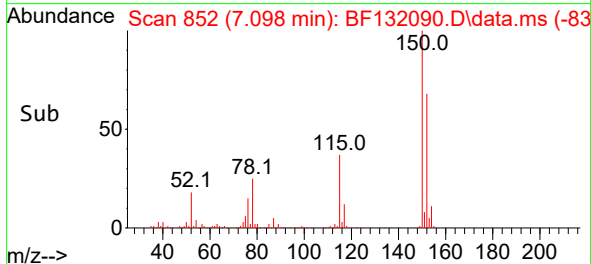
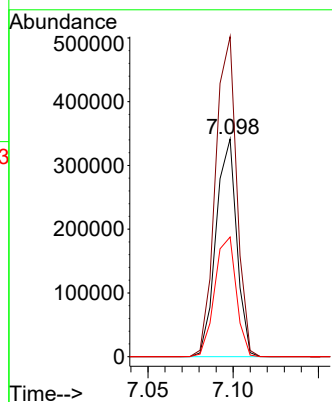
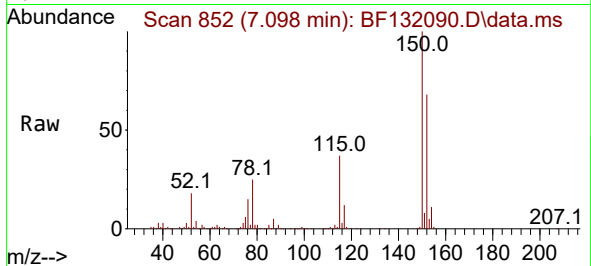




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.098 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

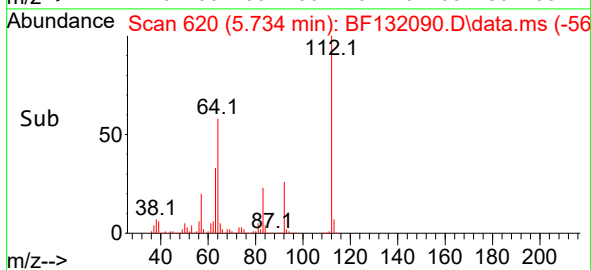
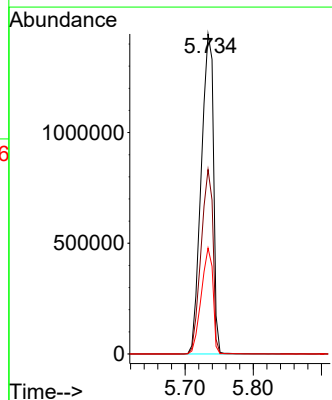
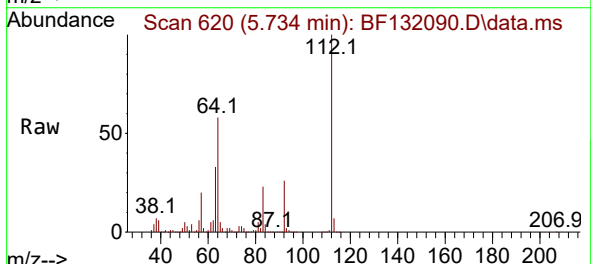
Instrument :  
BNA\_F  
ClientSampleId :  
PB150209BL

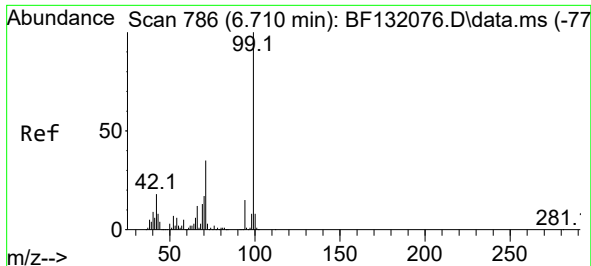
Tgt Ion:152 Resp: 289113  
Ion Ratio Lower Upper  
152 100  
150 146.9 118.6 178.0  
115 54.9 47.0 70.6



#5  
2-Fluorophenol  
Concen: 111.848 ng  
RT: 5.734 min Scan# 620  
Delta R.T. 0.017 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

Tgt Ion:112 Resp: 1800581  
Ion Ratio Lower Upper  
112 100  
64 57.7 46.9 70.3  
63 33.1 25.6 38.4

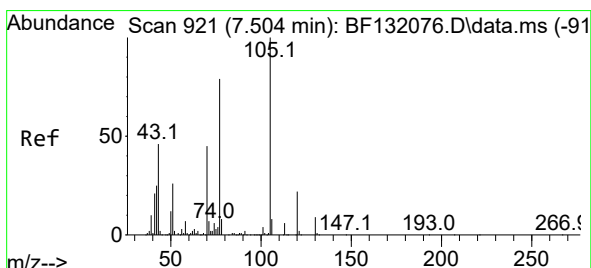
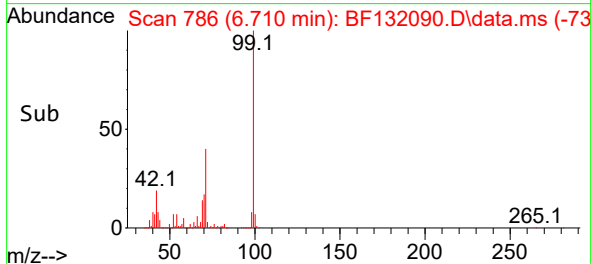
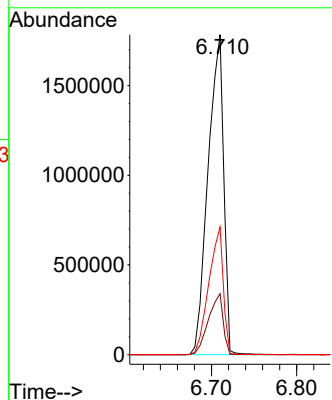
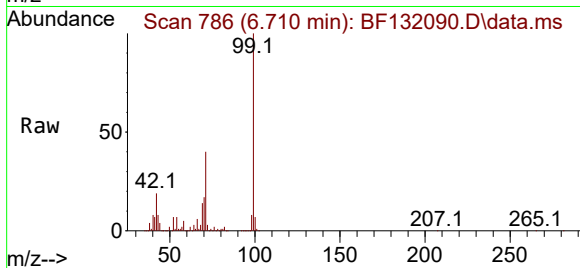




#7  
Phenol-d6  
Concen: 113.590 ng  
RT: 6.710 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

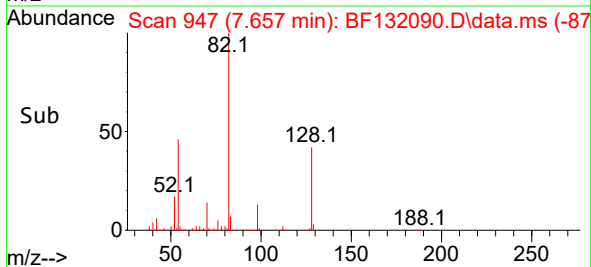
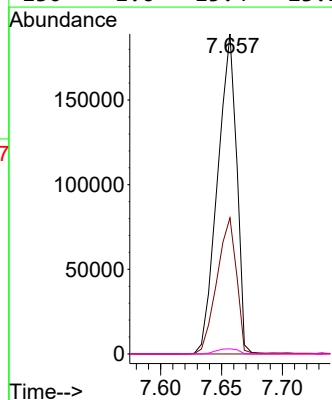
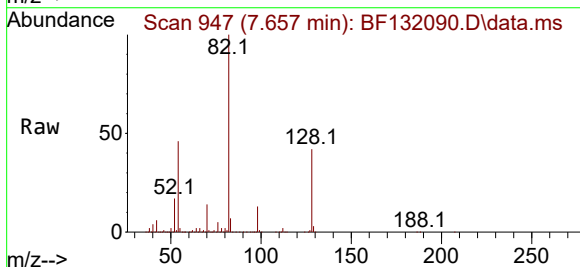
Instrument :  
BNA\_F  
ClientSampleId :  
PB150209BL

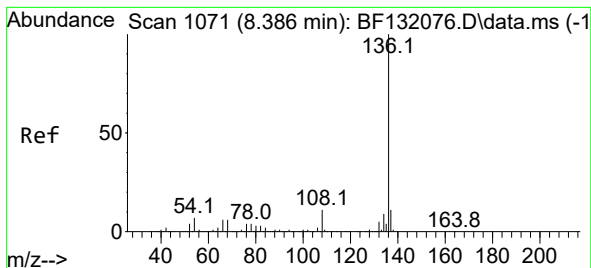
Tgt Ion: 99 Resp: 2280344  
Ion Ratio Lower Upper  
99 100  
42 19.0 14.0 21.0  
71 39.9 28.2 42.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.421 ng  
RT: 7.657 min Scan# 947  
Delta R.T. 0.153 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

Tgt Ion: 70 Resp: 206919  
Ion Ratio Lower Upper  
70 100  
42 42.5 44.2 66.4#  
101 0.0 7.4 11.0#  
130 1.6 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.380 min Scan# 1071

Delta R.T. -0.006 min

Lab File: BF132090.D

Acq: 17 Jan 2023 02:23

Instrument :

BNA\_F

ClientSampleId :

PB150209BL

Tgt Ion:136 Resp: 1070411

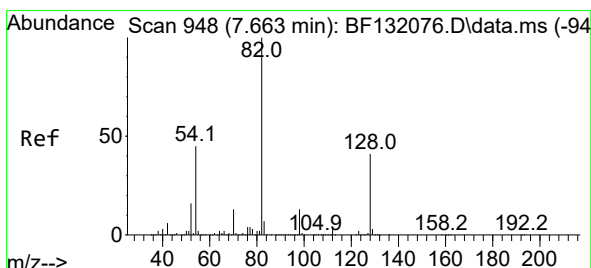
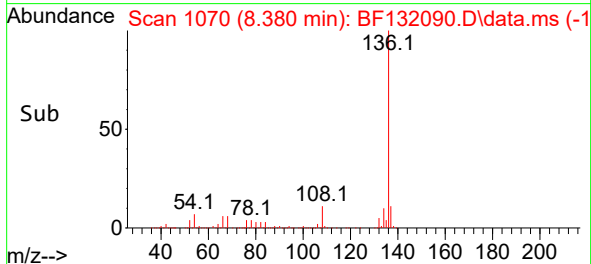
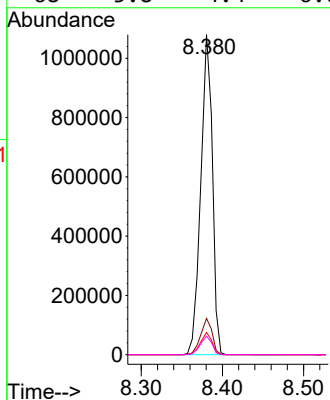
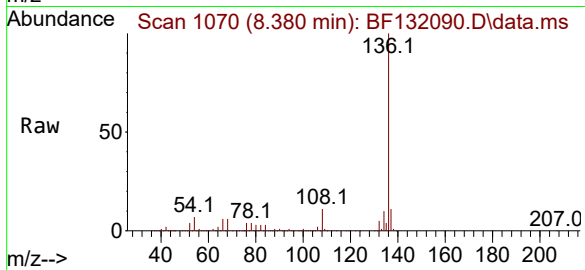
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.0 5.3 7.9

68 5.8 4.4 6.6



#23

Nitrobenzene-d5

Concen: 96.427 ng

RT: 7.657 min Scan# 947

Delta R.T. -0.006 min

Lab File: BF132090.D

Acq: 17 Jan 2023 02:23

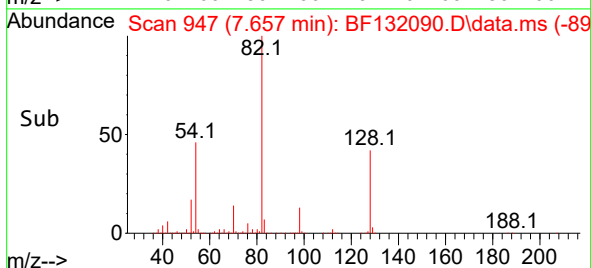
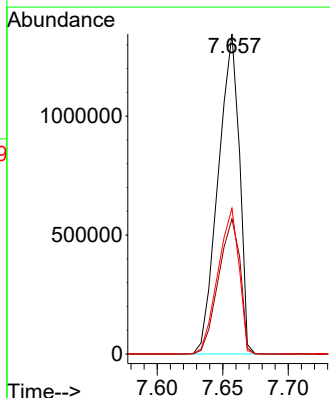
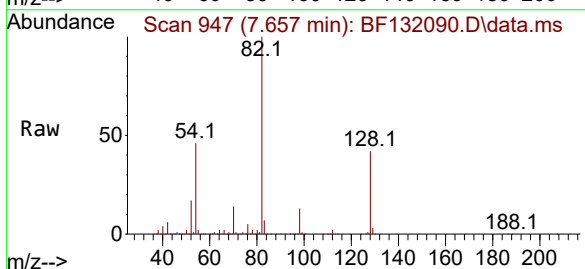
Tgt Ion: 82 Resp: 1507993

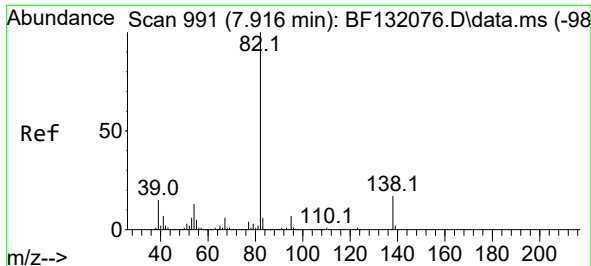
Ion Ratio Lower Upper

82 100

128 42.2 32.6 48.8

54 45.5 36.0 54.0

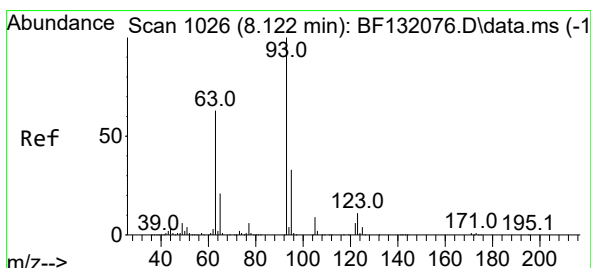
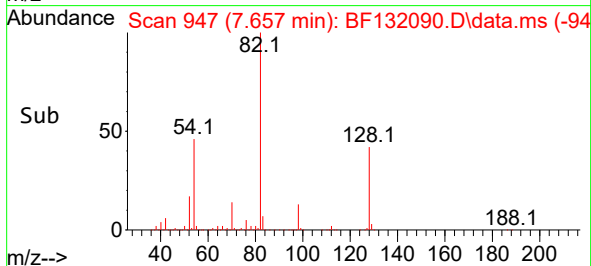
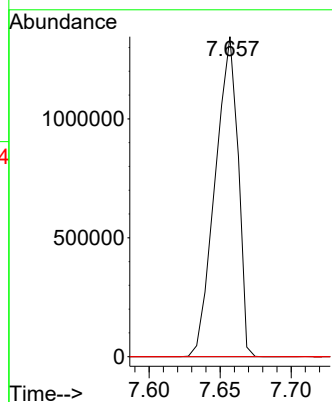
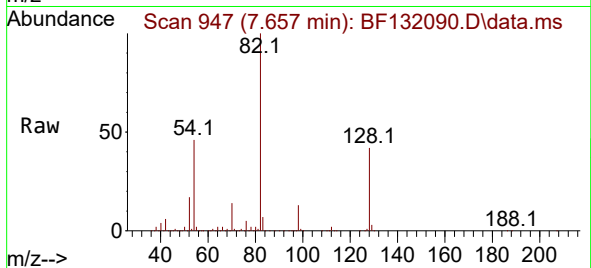




#25  
Isophorone  
Concen: 41.069 ng  
RT: 7.657 min Scan# 94  
Delta R.T. -0.259 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

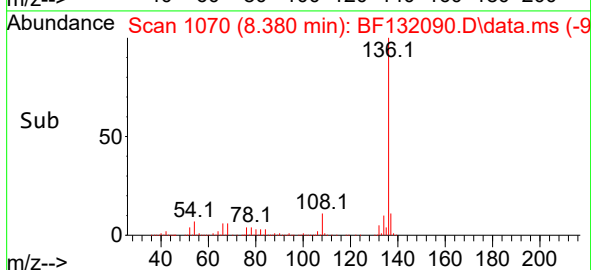
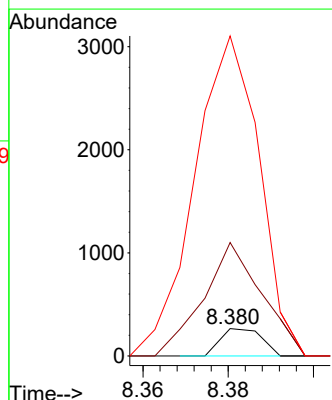
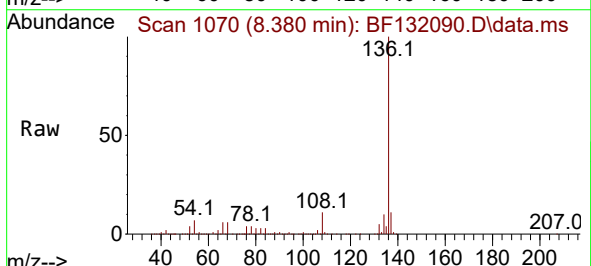
Instrument :  
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ClientSampleId :  
PB150209BL

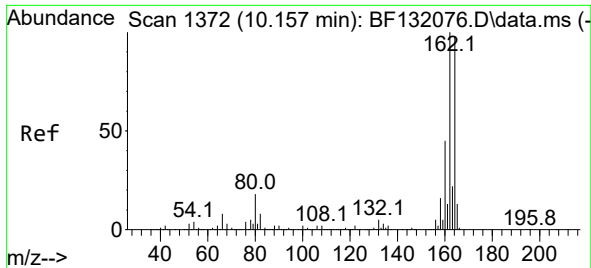
Tgt Ion: 82 Resp: 1507966  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.9 8.9#  
138 0.0 13.4 20.0#



#32  
Benzoic acid  
Concen: 4.796 ng  
RT: 8.380 min Scan# 1070  
Delta R.T. 0.258 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

Tgt Ion:122 Resp: 179  
Ion Ratio Lower Upper  
122 100  
105 415.1 105.1 145.1#  
77 1171.3 74.0 114.0#

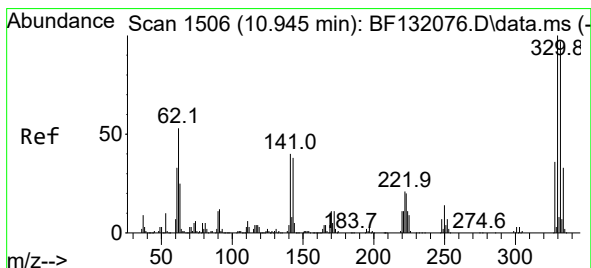
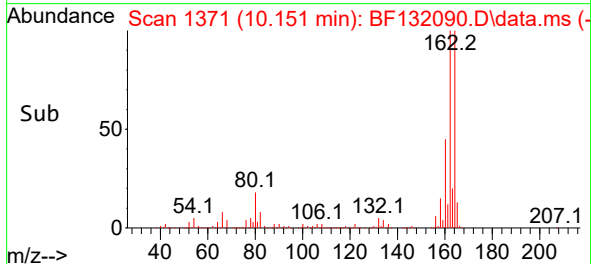
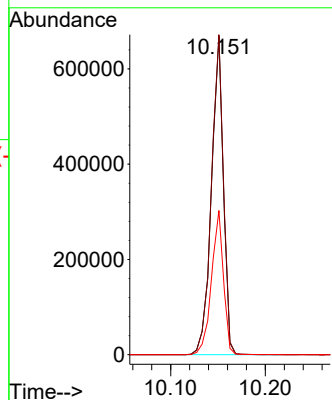
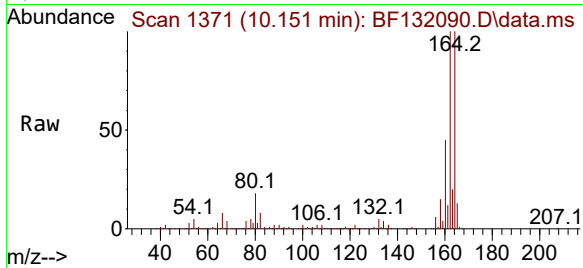




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.151 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

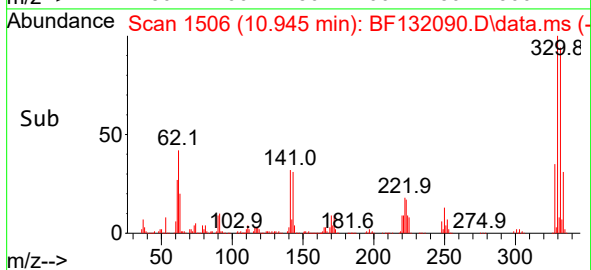
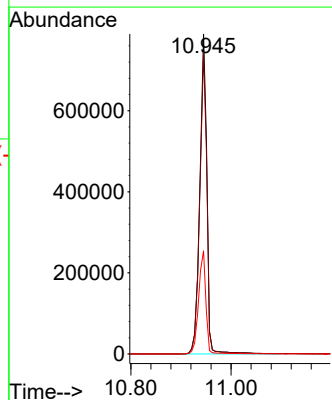
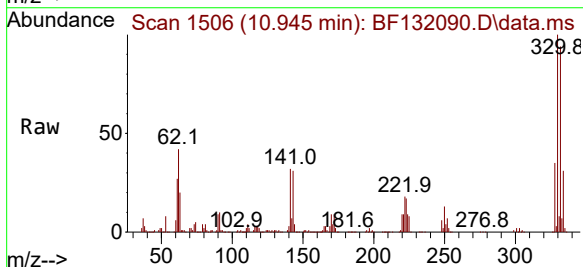
Instrument :  
BNA\_F  
ClientSampleId :  
PB150209BL

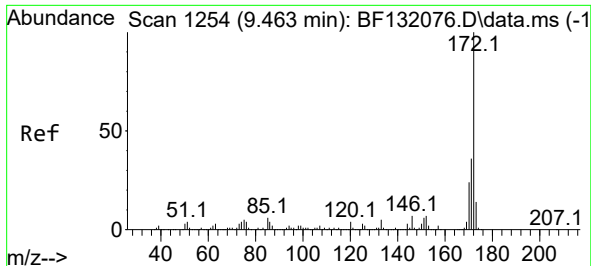
Tgt Ion:164 Resp: 583774  
Ion Ratio Lower Upper  
164 100  
162 100.5 81.5 122.3  
160 45.3 36.6 55.0



#42  
2,4,6-Tribromophenol  
Concen: 137.929 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. -0.000 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

Tgt Ion:330 Resp: 769206  
Ion Ratio Lower Upper  
330 100  
332 95.1 77.9 116.9  
141 33.5 29.2 43.8





#45

2-Fluorobiphenyl

Concen: 72.487 ng

RT: 9.463 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132090.D

Acq: 17 Jan 2023 02:23

Instrument :

BNA\_F

ClientSampleId :

PB150209BL

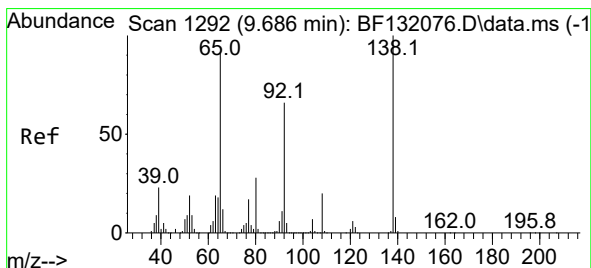
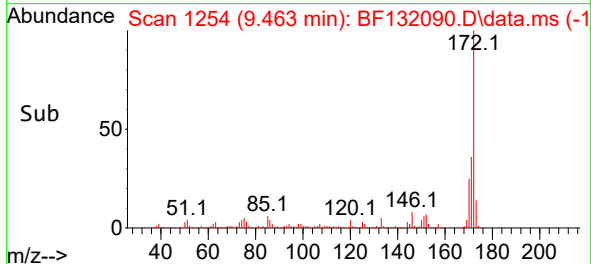
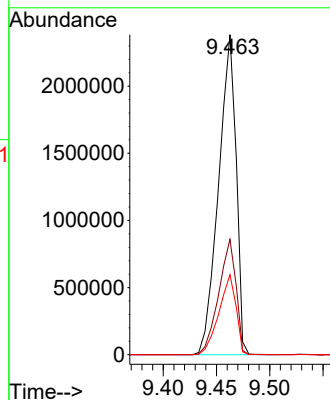
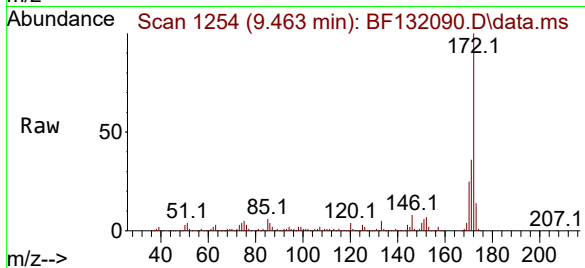
Tgt Ion:172 Resp: 2722492

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 25.0 19.5 29.3



#48

2-Nitroaniline

Concen: 7.851 ng

RT: 9.463 min Scan# 1254

Delta R.T. -0.223 min

Lab File: BF132090.D

Acq: 17 Jan 2023 02:23

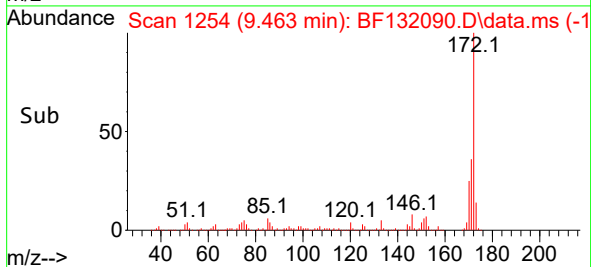
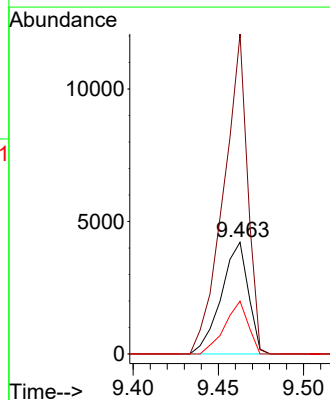
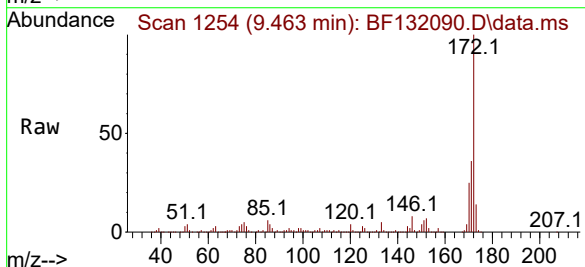
Tgt Ion: 65 Resp: 4649

Ion Ratio Lower Upper

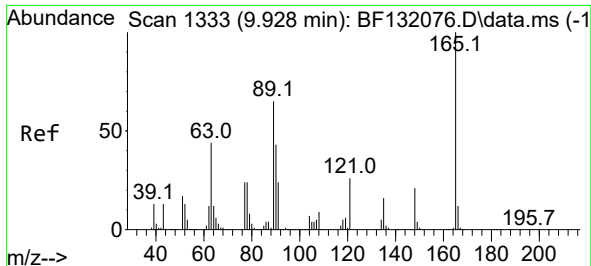
65 100

92 286.4 57.8 86.6#

138 47.3 88.2 132.4#



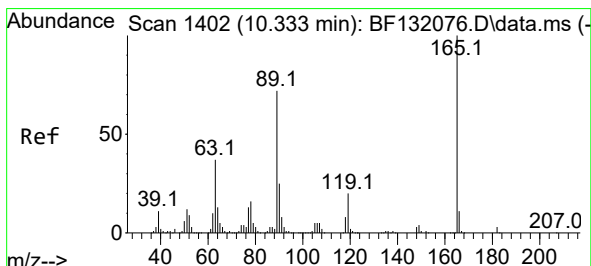
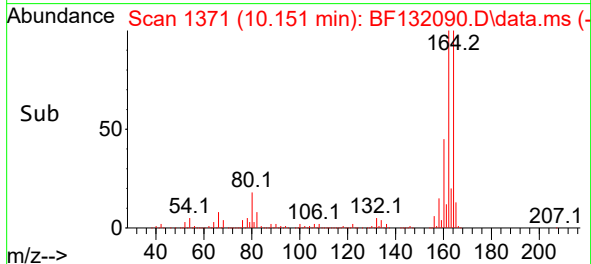
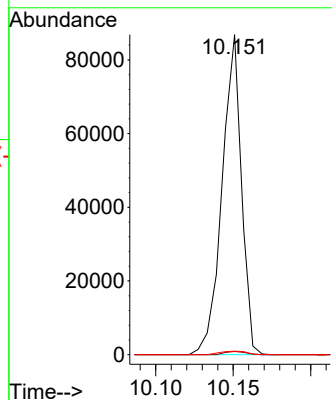
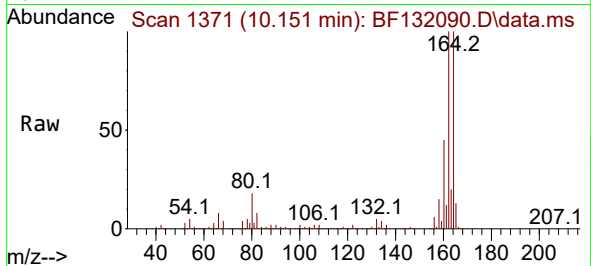




#51  
2,6-Dinitrotoluene  
Concen: 13.729 ng  
RT: 10.151 min Scan# 1371  
Delta R.T. 0.223 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

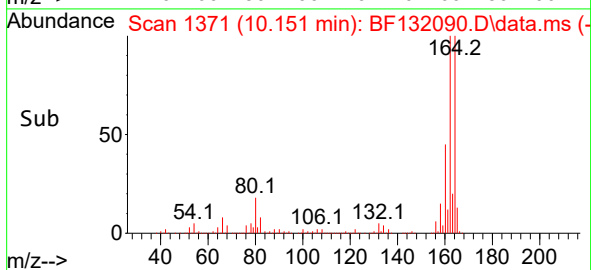
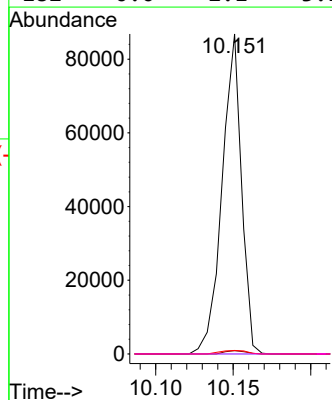
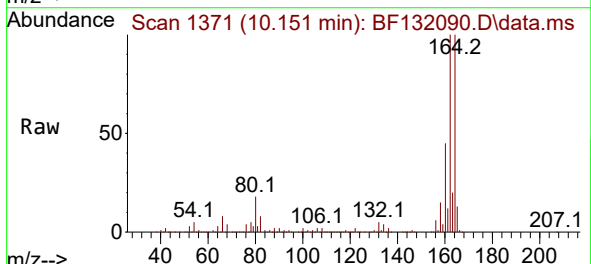
Instrument :  
BNA\_F  
ClientSampleId :  
PB150209BL

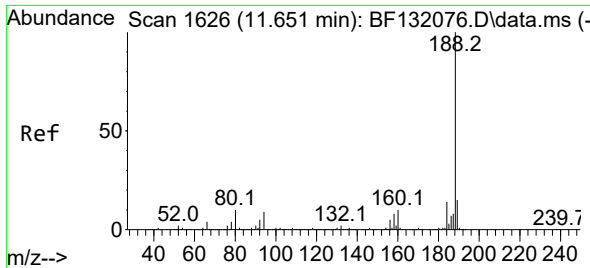
Tgt Ion:165 Resp: 75450  
Ion Ratio Lower Upper  
165 100  
63 1.0 45.7 68.5#  
89 1.1 52.5 78.7#



#57  
2,4-Dinitrotoluene  
Concen: 12.890 ng  
RT: 10.151 min Scan# 1371  
Delta R.T. -0.182 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

Tgt Ion:165 Resp: 75450  
Ion Ratio Lower Upper  
165 100  
63 1.0 29.5 44.3#  
89 1.1 57.8 86.8#  
182 0.0 2.1 3.1#

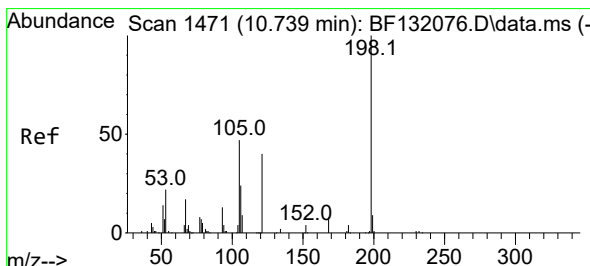
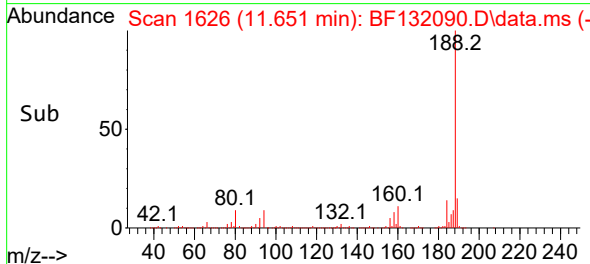
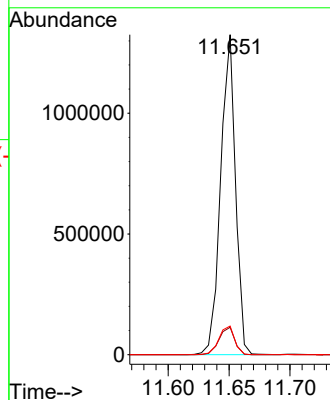
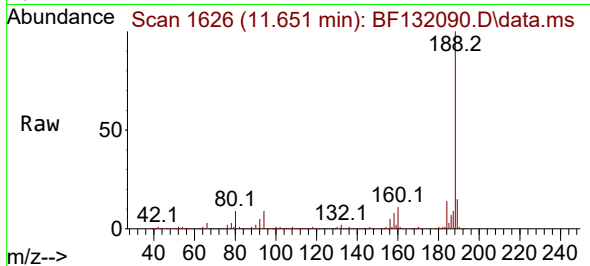




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.651 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

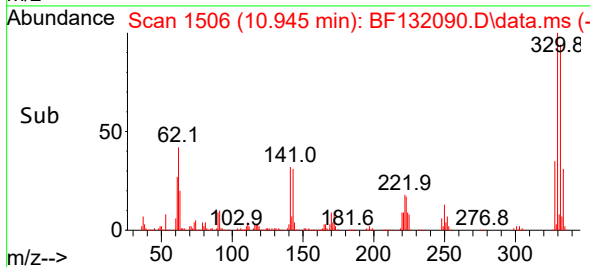
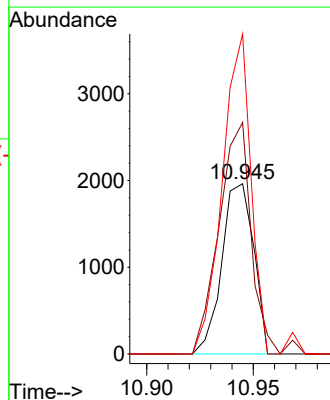
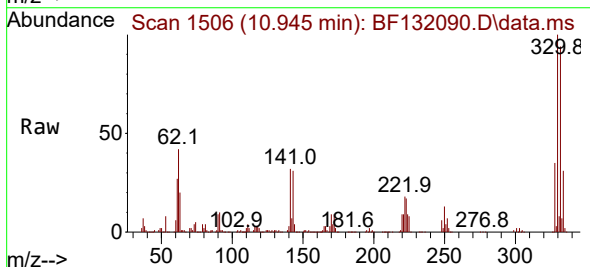
Instrument :  
BNA\_F  
ClientSampleId :  
PB150209BL

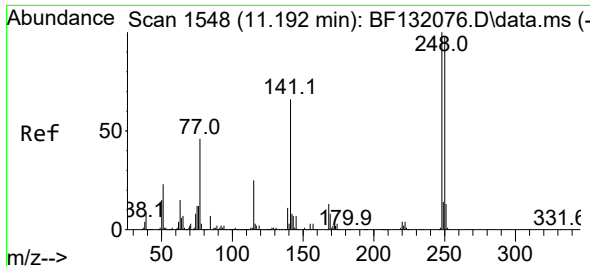
Tgt Ion:188 Resp: 1123388  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.2 10.8  
80 9.0 8.1 12.1



#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.578 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. 0.206 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

Tgt Ion:198 Resp: 2043  
Ion Ratio Lower Upper  
198 100  
51 136.0 20.4 60.4#  
105 188.0 28.0 68.0#

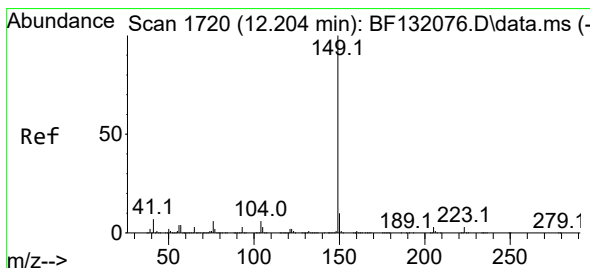
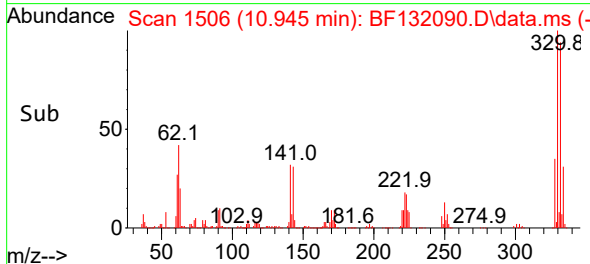
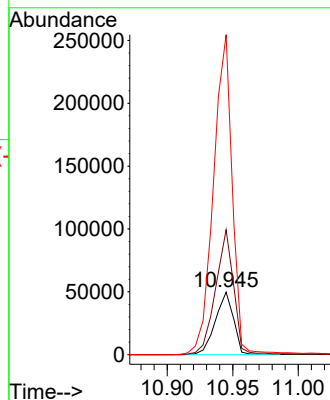
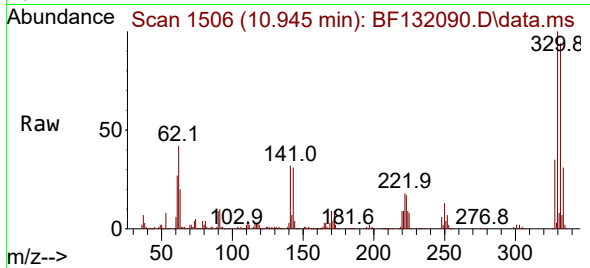




#67  
4-Bromophenyl-phenylether  
Concen: 3.942 ng  
RT: 10.945 min Scan# 11  
Delta R.T. -0.247 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

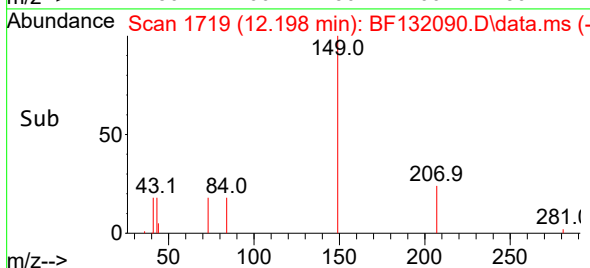
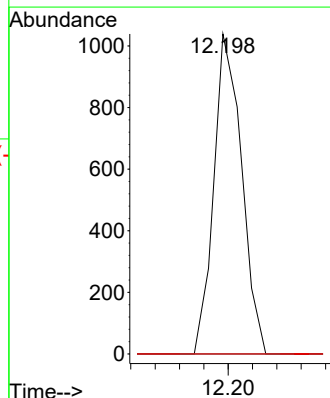
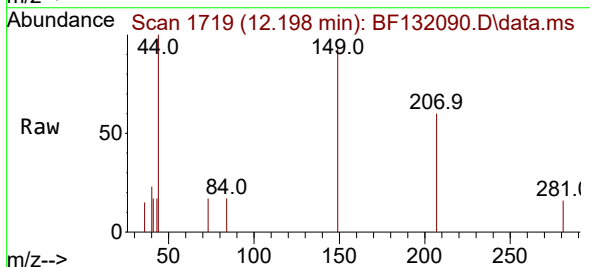
Instrument :  
BNA\_F  
ClientSampleId :  
PB150209BL

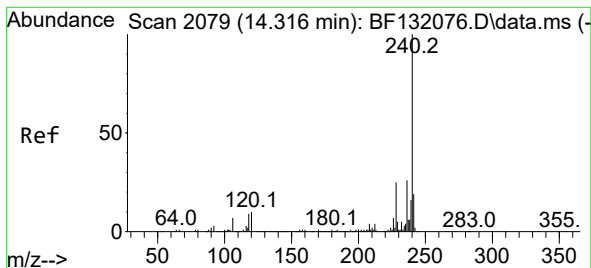
Tgt Ion:248 Resp: 48221  
Ion Ratio Lower Upper  
248 100  
250 199.7 78.2 117.4#  
141 511.4 53.2 79.8#



#74  
Di-n-butylphthalate  
Concen: 5.702 ng  
RT: 12.198 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

Tgt Ion:149 Resp: 824  
Ion Ratio Lower Upper  
149 100  
150 0.0 7.7 11.5#  
104 0.0 4.6 6.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.309 min Scan# 2079

Delta R.T. -0.007 min

Lab File: BF132090.D

Acq: 17 Jan 2023 02:23

Instrument :

BNA\_F

ClientSampleId :

PB150209BL

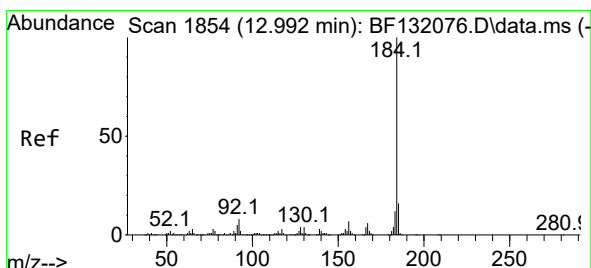
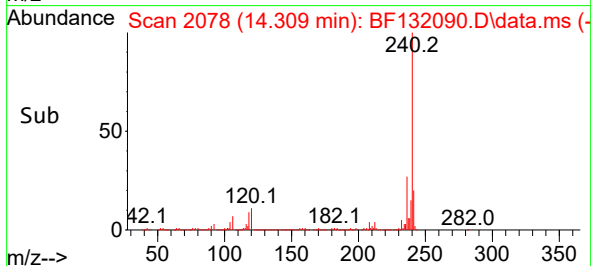
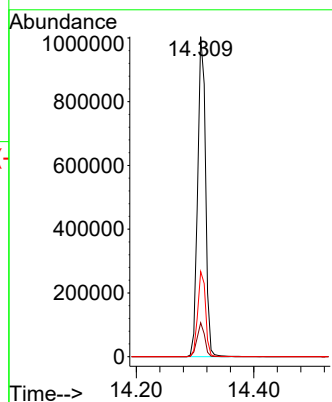
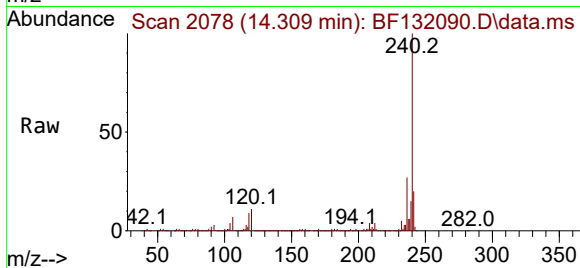
Tgt Ion:240 Resp: 933005

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

236 26.6 21.0 31.4



#77

Benzidine

Concen: 3.647 ng

RT: 13.251 min Scan# 1898

Delta R.T. 0.259 min

Lab File: BF132090.D

Acq: 17 Jan 2023 02:23

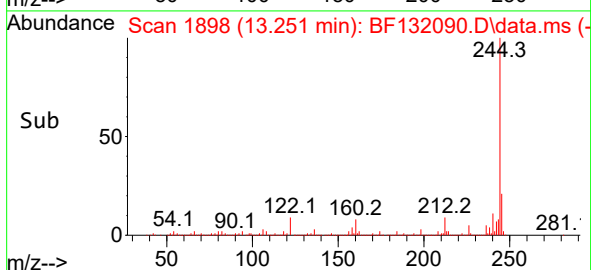
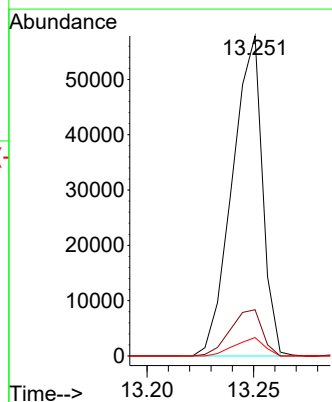
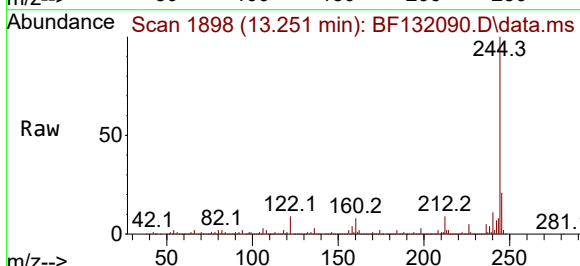
Tgt Ion:184 Resp: 57024

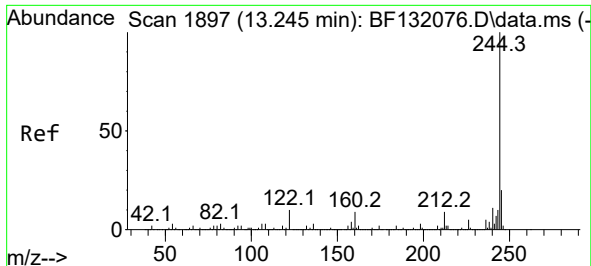
Ion Ratio Lower Upper

184 100

185 14.5 13.1 19.7

183 5.8 9.4 14.0#

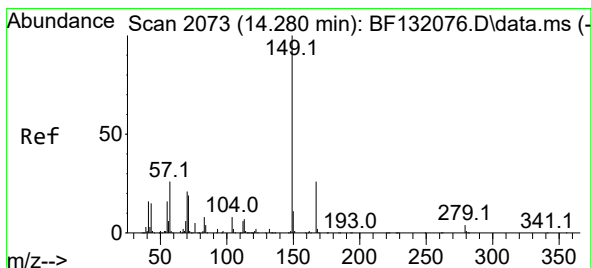
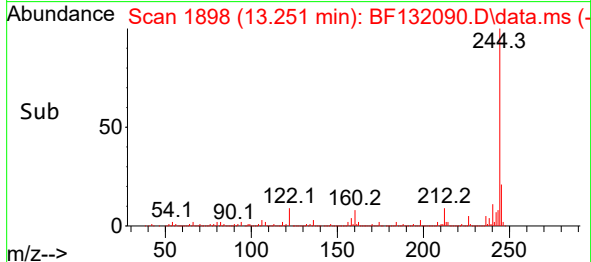
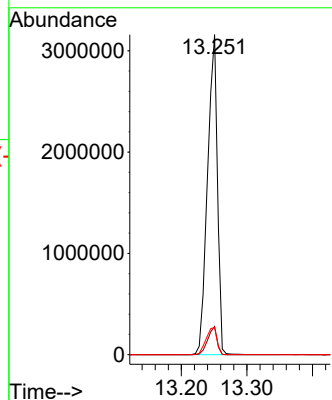
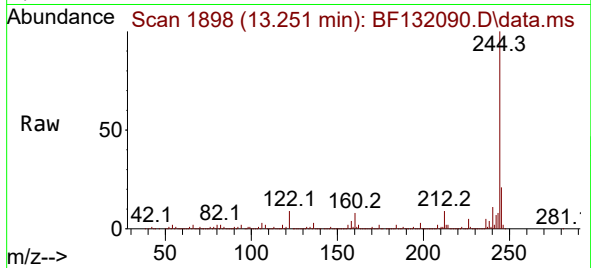




#79  
 Terphenyl-d14  
 Concen: 67.680 ng  
 RT: 13.251 min Scan# 1898  
 Delta R.T. 0.006 min  
 Lab File: BF132090.D  
 Acq: 17 Jan 2023 02:23

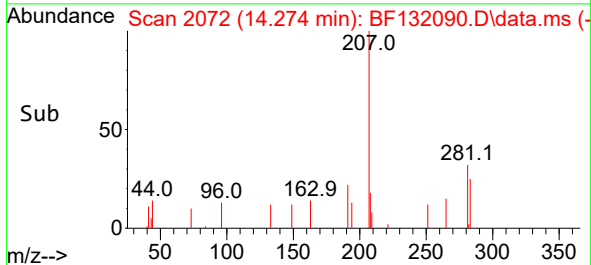
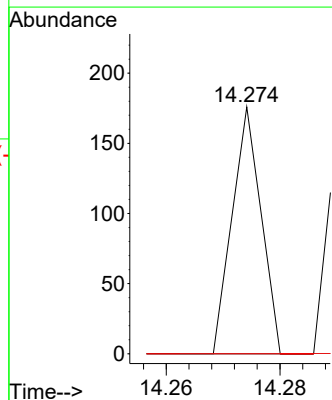
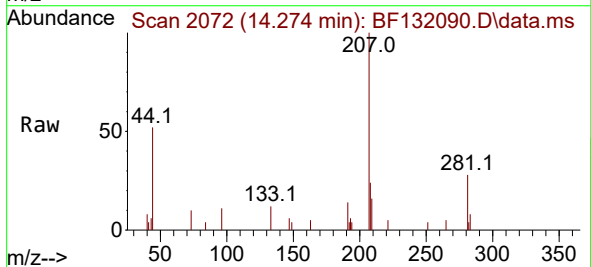
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150209BL

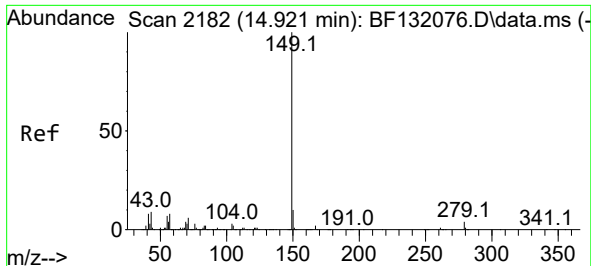
Tgt Ion:244 Resp: 3323297  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 7.0 10.4  
 122 8.5 7.8 11.6



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 6.730 ng  
 RT: 14.274 min Scan# 2072  
 Delta R.T. -0.006 min  
 Lab File: BF132090.D  
 Acq: 17 Jan 2023 02:23

Tgt Ion:149 Resp: 62  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 20.9 31.3#  
 279 0.0 3.1 4.7#

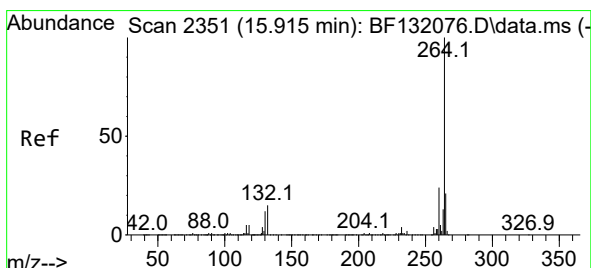
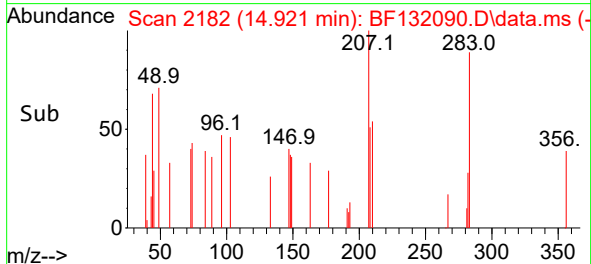
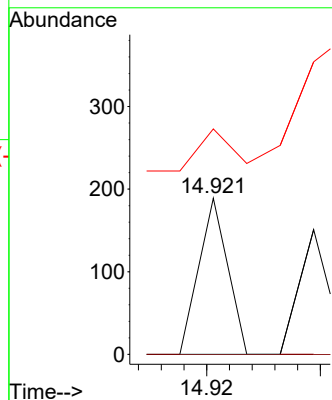
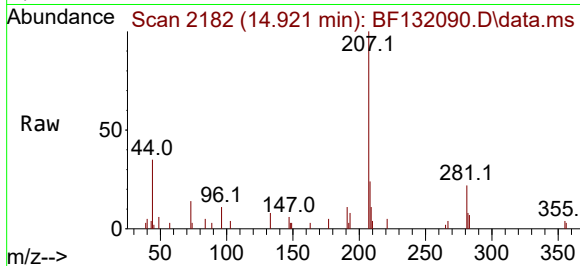




#85  
Di-n-octyl phthalate  
Concen: 8.909 ng  
RT: 14.921 min Scan# 2182  
Delta R.T. 0.000 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB150209BL

Tgt Ion:149 Resp: 67  
Ion Ratio Lower Upper  
149 100  
167 0.0 1.3 1.9#  
43 0.0 8.8 13.2#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.915 min Scan# 2351  
Delta R.T. -0.000 min  
Lab File: BF132090.D  
Acq: 17 Jan 2023 02:23

Tgt Ion:264 Resp: 848782  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.1 28.7  
265 21.7 17.1 25.7

