

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120123\  
 Data File : BF136372.D  
 Acq On : 02 Dec 2023 10:59  
 Operator : CG\JU  
 Sample : 05434-15  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-8

Quant Time: Dec 03 07:25:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 Response via : Initial Calibration

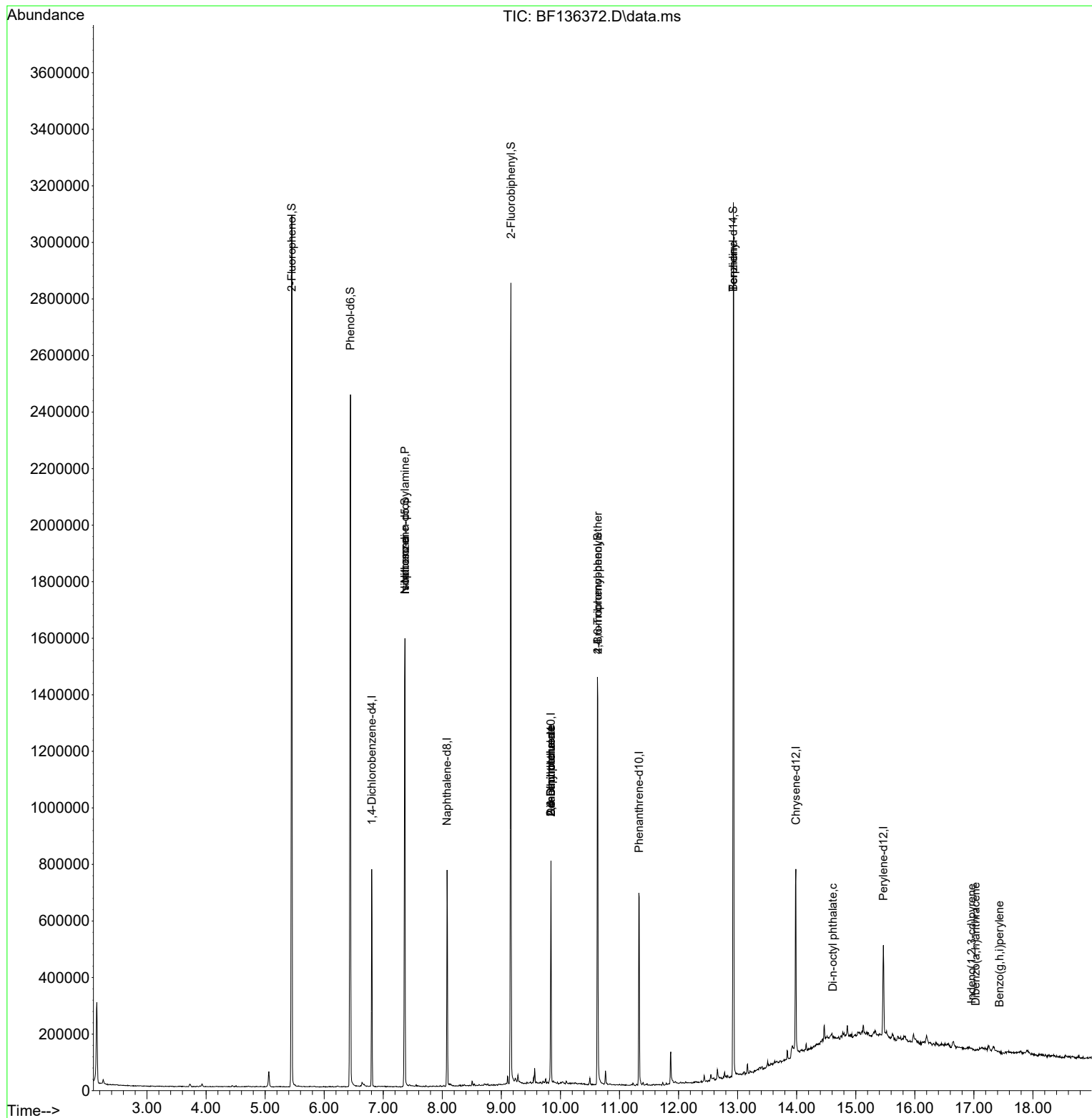
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.804  | 152  | 106853   | 20.000  | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.081  | 136  | 339548   | 20.000  | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.839  | 164  | 137782   | 20.000  | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.333 | 188  | 266622   | 20.000  | ng     | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 229126   | 20.000  | ng     | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 162004   | 20.000  | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 844375   | 109.987 | ng     | 0.01     |
| 7) Phenol-d6                  | 6.445  | 99   | 927098   | 96.581  | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.369  | 82   | 542469   | 84.424  | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 202242   | 120.061 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 909579   | 84.322  | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1179591  | 59.384  | ng     | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 19) n-Nitroso-di-n-propyla... | 7.369  | 70   | 71706    | 12.490  | ng     | # 72     |
| 25) Isophorone                | 7.369  | 82   | 542463   | 46.820  | ng     | # 68     |
| 50) Dimethylphthalate         | 9.839  | 163  | 28340    | 2.721   | ng     | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.839  | 165  | 18118    | 8.516   | ng     | # 24     |
| 57) 2,4-Dinitrotoluene        | 9.839  | 165  | 18118    | 6.376   | ng     | # 27     |
| 67) 4-Bromophenyl-phenylether | 10.633 | 248  | 12421    | 3.993   | ng     | # 1      |
| 77) Benzidine                 | 12.927 | 184  | 14186    | 3.766   | ng     | # 94     |
| 85) Di-n-octyl phthalate      | 14.609 | 149  | 1242     | 5.235   | ng     | # 1      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.962 | 276  | 3555     | 2.956   | ng     | # 67     |
| 91) Dibenzo(a,h)anthracene    | 17.033 | 278  | 111      | 2.724   | ng     | # 1      |
| 92) Benzo(g,h,i)perylene      | 17.433 | 276  | 3192     | 2.215   | ng     | # 56     |
| -----                         |        |      |          |         |        |          |

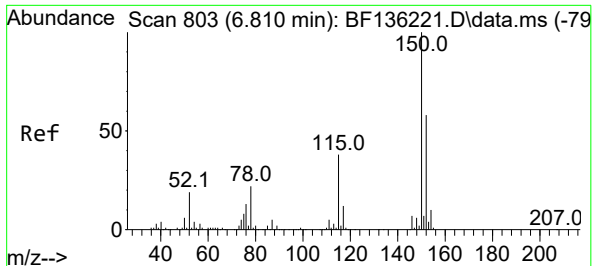
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120123\  
Data File : BF136372.D  
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BNA\_F  
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COMP-8

Quant Time: Dec 03 07:25:20 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 28 03:04:20 2023  
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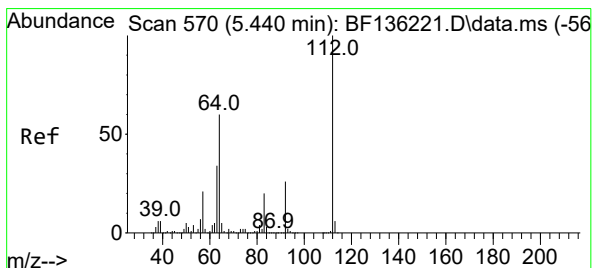
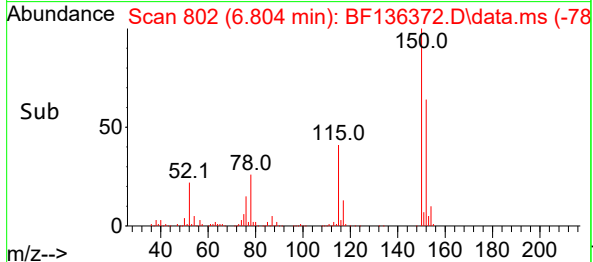
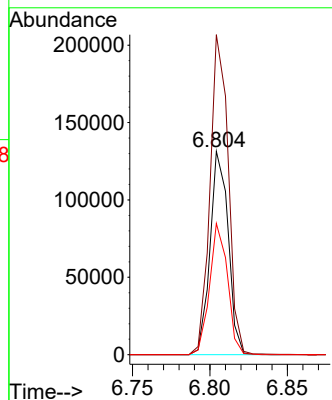
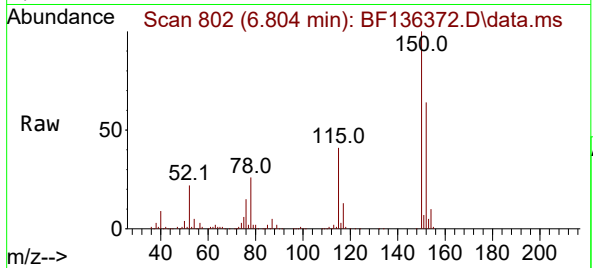




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.804 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

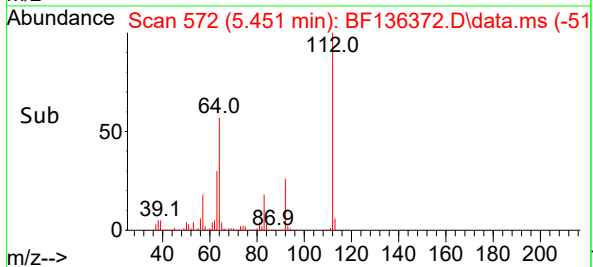
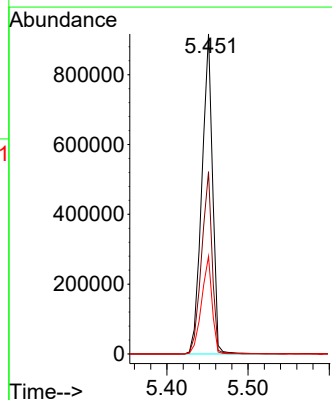
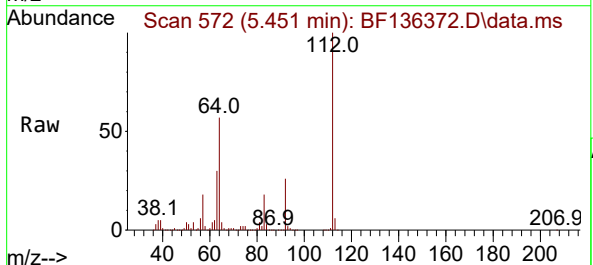
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-8

Tgt Ion:152 Resp: 106853  
Ion Ratio Lower Upper  
152 100  
150 157.4 137.8 206.8  
115 64.6 52.7 79.1



#5  
2-Fluorophenol  
Concen: 109.987 ng  
RT: 5.451 min Scan# 572  
Delta R.T. 0.012 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

Tgt Ion:112 Resp: 844375  
Ion Ratio Lower Upper  
112 100  
64 56.9 48.2 72.4  
63 30.5 27.0 40.6

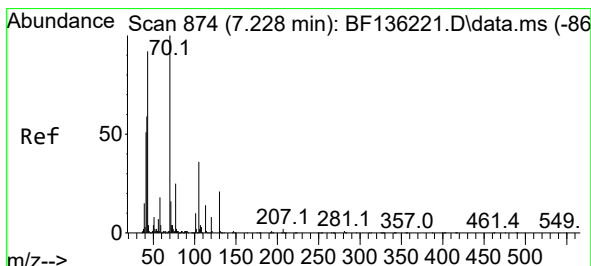
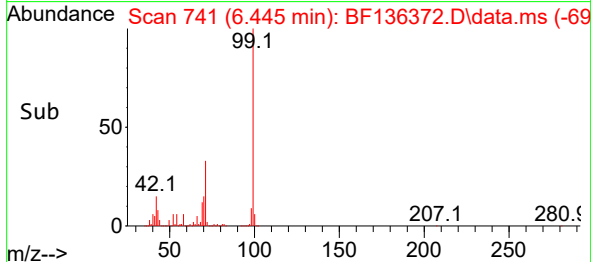
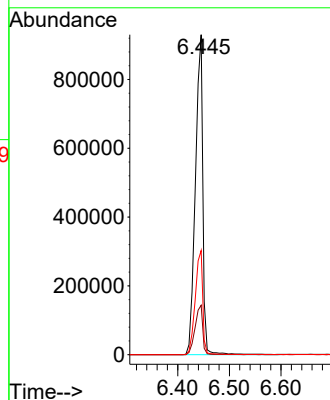
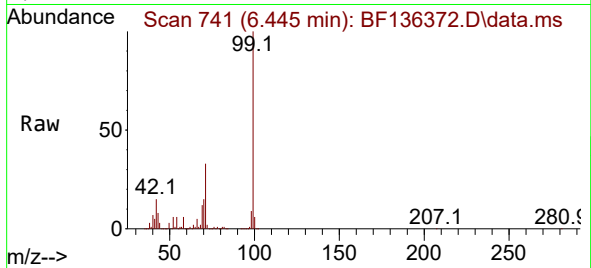




#7  
Phenol-d6  
Concen: 96.581 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

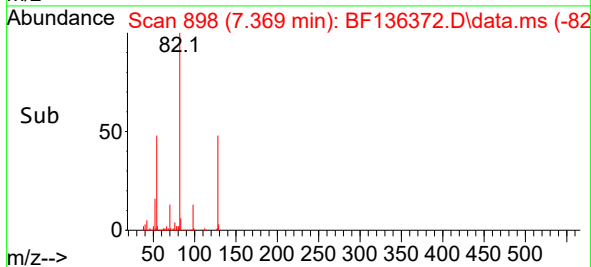
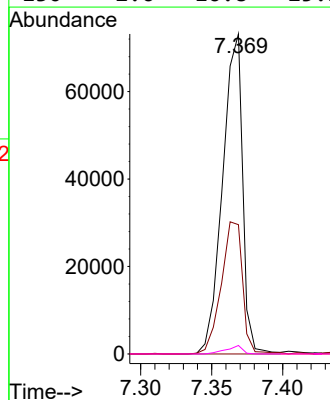
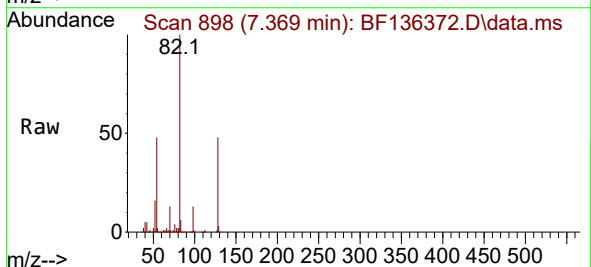
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ClientSampleId :  
COMP-8

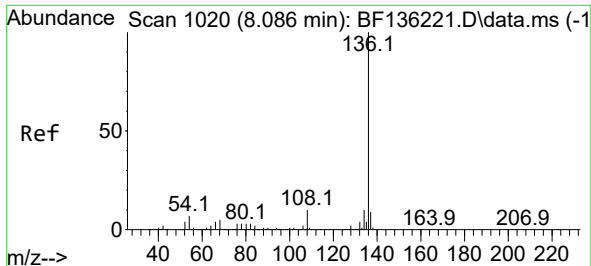
Tgt Ion: 99 Resp: 927098  
Ion Ratio Lower Upper  
99 100  
42 15.4 15.0 22.6  
71 32.6 28.9 43.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.490 ng  
RT: 7.369 min Scan# 898  
Delta R.T. 0.141 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

Tgt Ion: 70 Resp: 71706  
Ion Ratio Lower Upper  
70 100  
42 40.4 47.0 70.4#  
101 0.0 7.8 11.8#  
130 2.6 16.8 25.2#

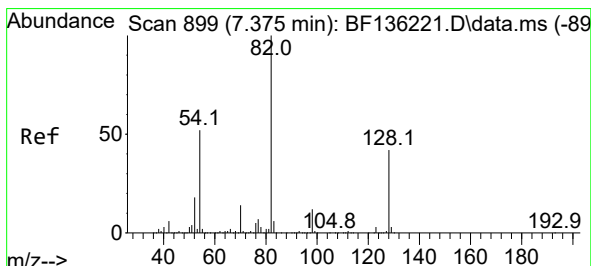
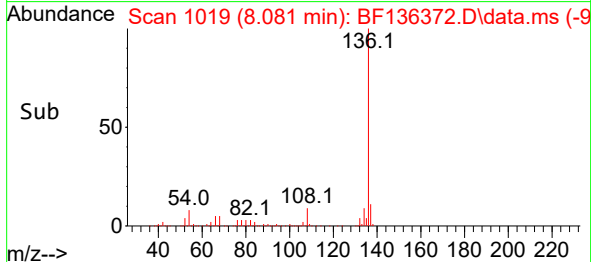
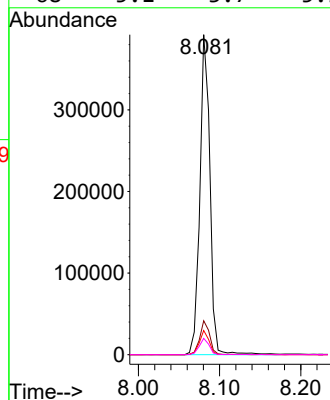
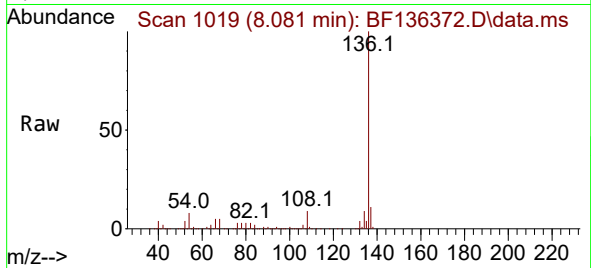




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

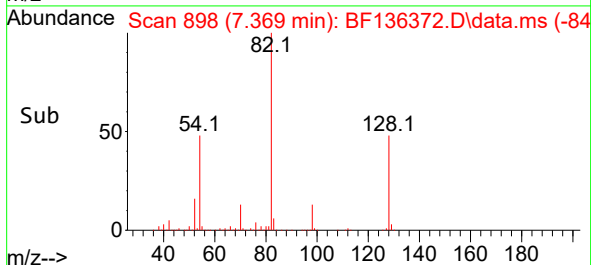
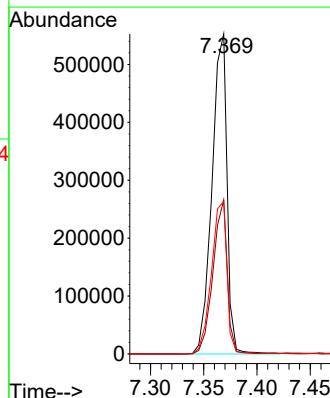
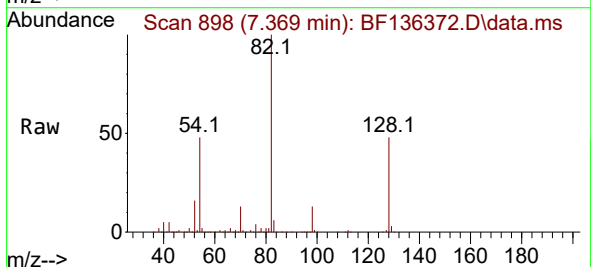
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-8

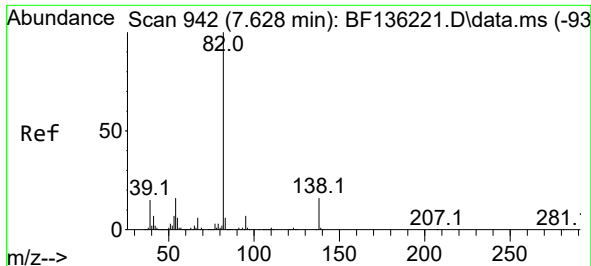
Tgt Ion:136 Resp: 339548  
Ion Ratio Lower Upper  
136 100  
137 10.6 7.4 11.2  
54 7.6 5.5 8.3  
68 5.1 3.7 5.5



#23  
Nitrobenzene-d5  
Concen: 84.424 ng  
RT: 7.369 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

Tgt Ion: 82 Resp: 542469  
Ion Ratio Lower Upper  
82 100  
128 48.1 33.4 50.2  
54 47.7 41.7 62.5

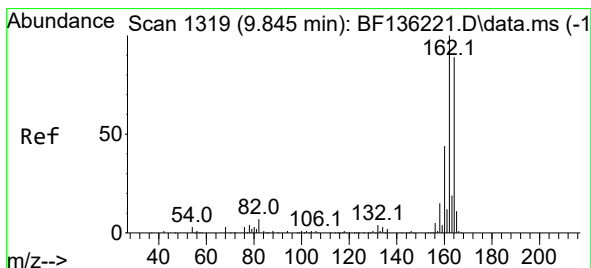
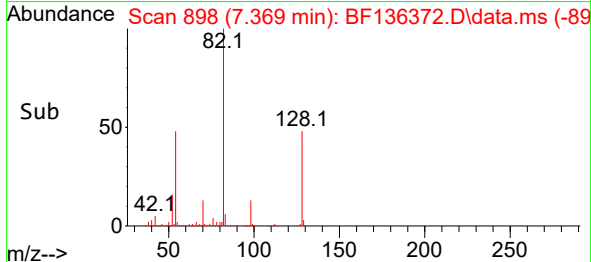
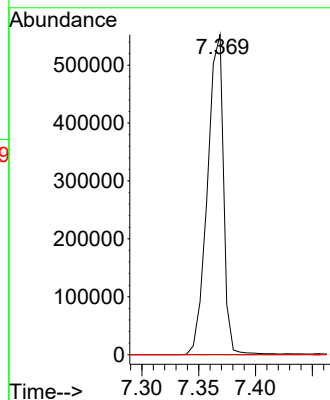
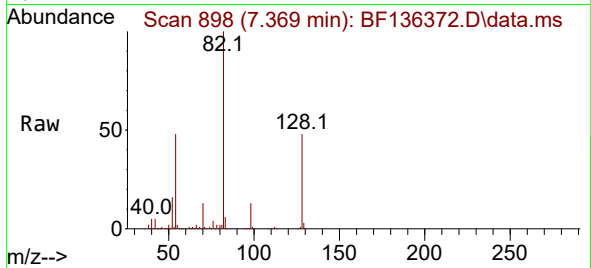




#25  
Isophorone  
Concen: 46.820 ng  
RT: 7.369 min Scan# 89  
Delta R.T. -0.259 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

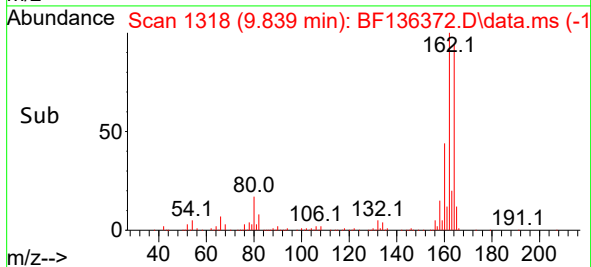
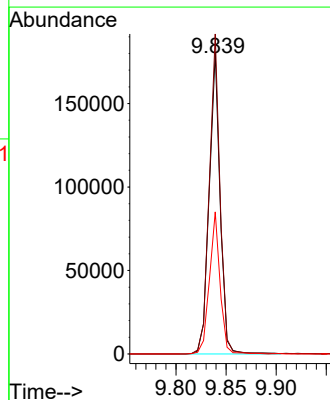
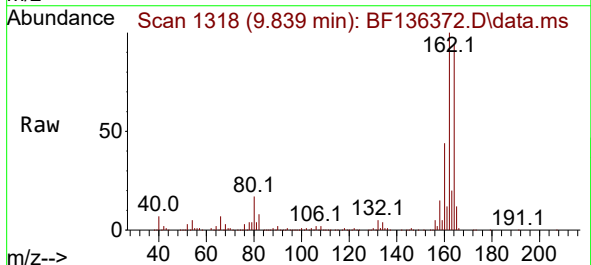
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-8

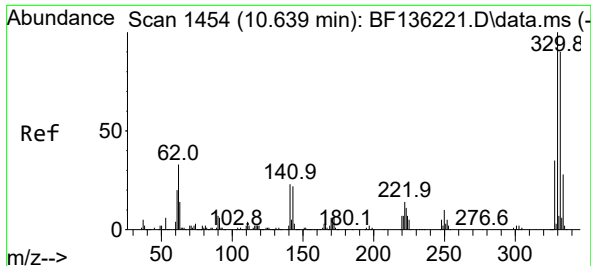
Tgt Ion: 82 Resp: 542463  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 12.8 19.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

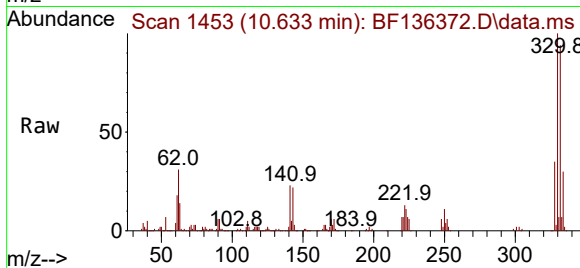
Tgt Ion:164 Resp: 137782  
Ion Ratio Lower Upper  
164 100  
162 106.1 89.5 134.3  
160 47.1 39.6 59.4



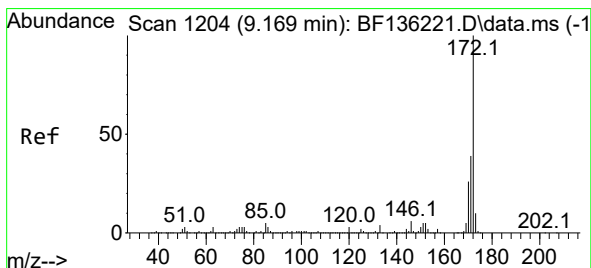
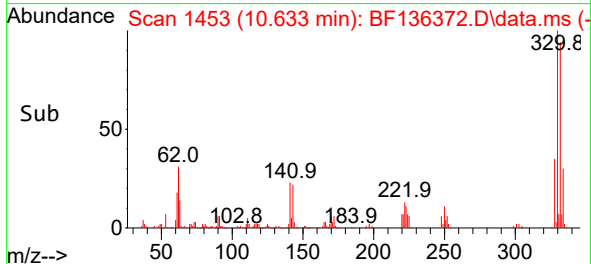
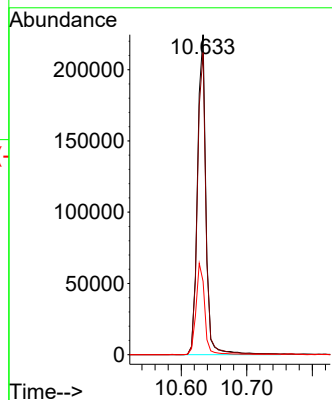


#42  
2,4,6-Tribromophenol  
Concen: 120.061 ng  
RT: 10.633 min Scan# 1454  
Delta R.T. -0.006 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-8

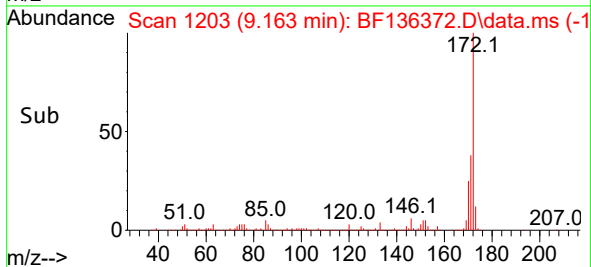
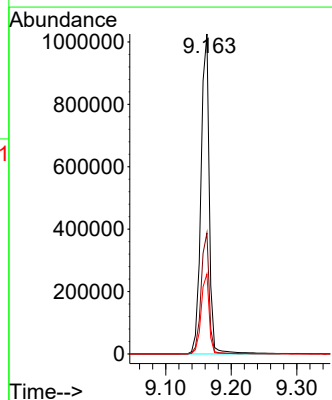
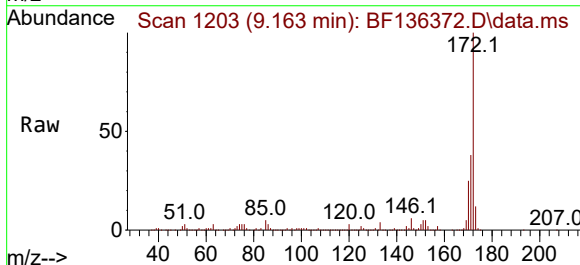


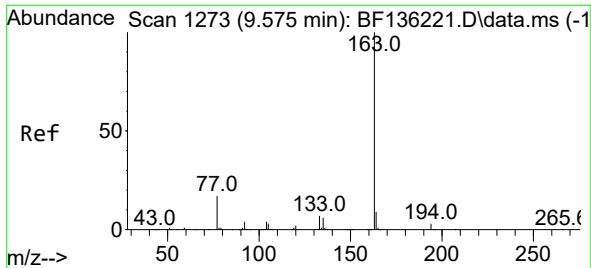
Tgt Ion:330 Resp: 202242  
Ion Ratio Lower Upper  
330 100  
332 96.0 73.0 109.6  
141 29.3 24.2 36.2



#45  
2-Fluorobiphenyl  
Concen: 84.322 ng  
RT: 9.163 min Scan# 1203  
Delta R.T. -0.006 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

Tgt Ion:172 Resp: 909579  
Ion Ratio Lower Upper  
172 100  
171 37.8 31.5 47.3  
170 25.0 20.8 31.2

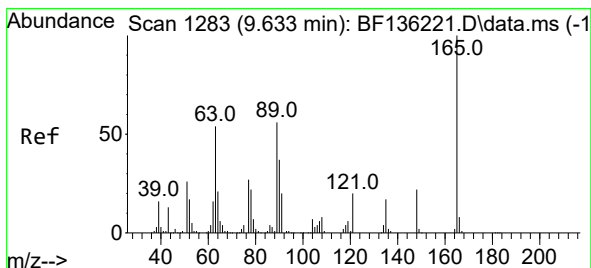
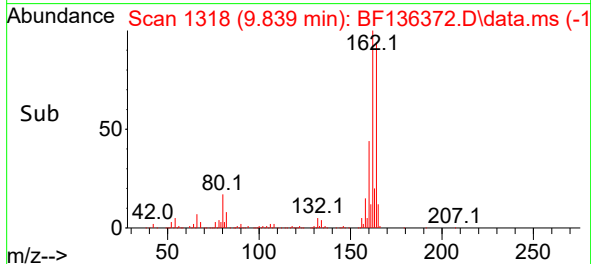
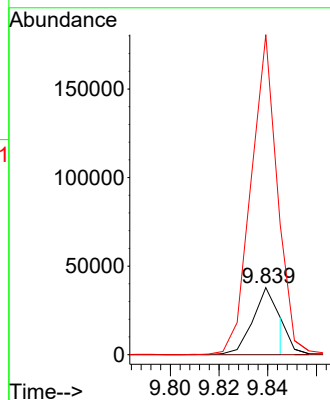
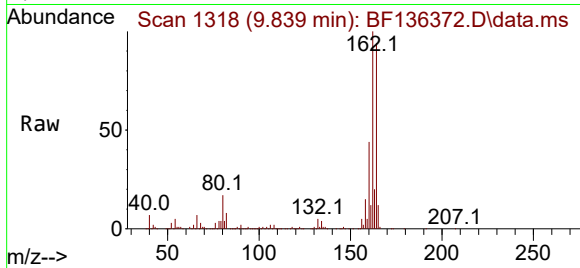




#50  
Dimethylphthalate  
Concen: 2.721 ng  
RT: 9.839 min Scan# 11  
Delta R.T. 0.265 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

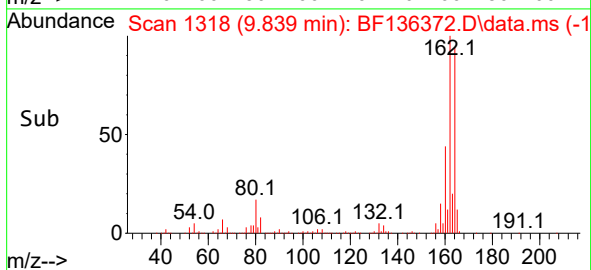
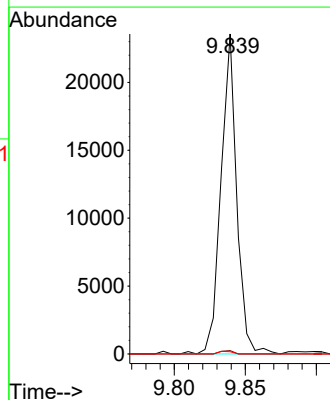
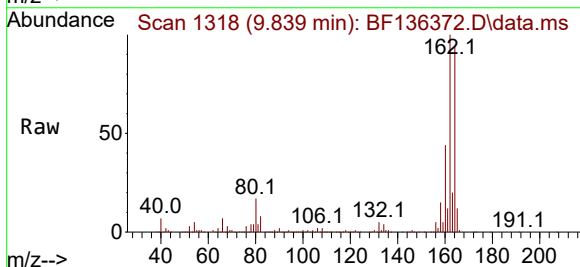
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-8

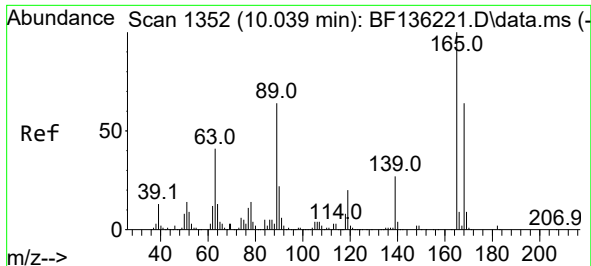
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Ion Ratio Lower Upper  
163 100  
194 0.0 2.5 3.7#  
164 477.1 7.0 10.6#



#51  
2,6-Dinitrotoluene  
Concen: 8.516 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. 0.206 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

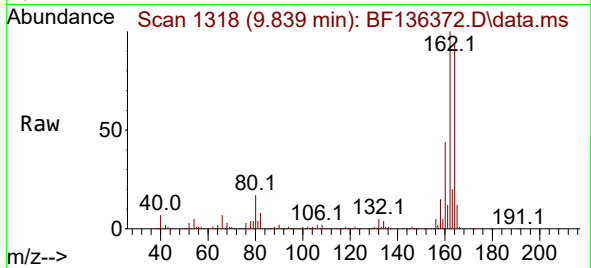
Tgt Ion:165 Resp: 18118  
Ion Ratio Lower Upper  
165 100  
63 1.1 46.2 69.2#  
89 0.7 44.9 67.3#



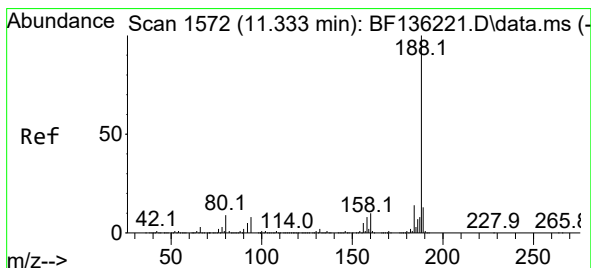
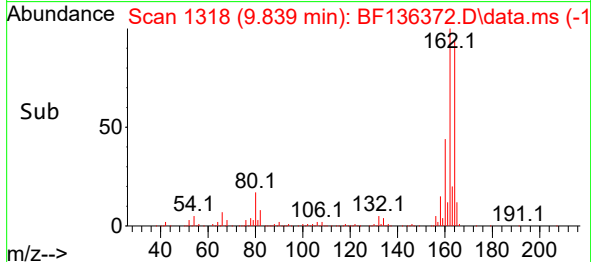
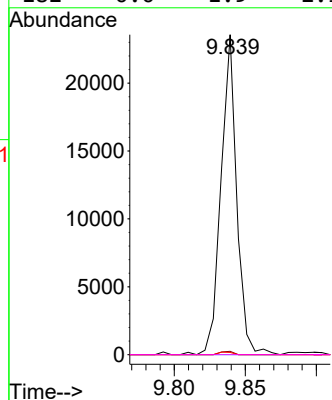


#57  
2,4-Dinitrotoluene  
Concen: 6.376 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. -0.200 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-8

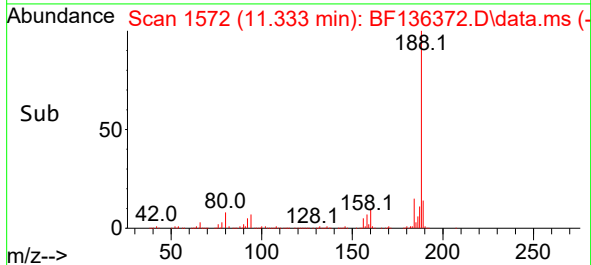
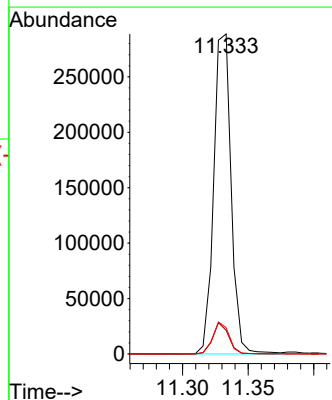
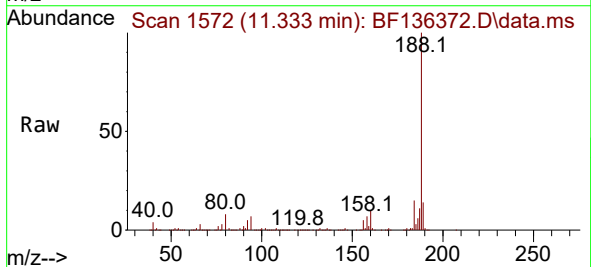


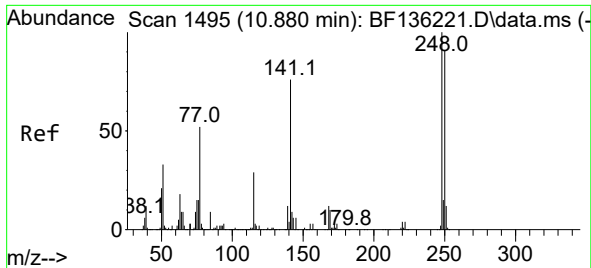
Tgt Ion:165 Resp: 18118  
Ion Ratio Lower Upper  
165 100  
63 1.1 33.0 49.4#  
89 0.7 51.5 77.3#  
182 0.0 1.9 2.9#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

Tgt Ion:188 Resp: 266622  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.7 10.1  
80 8.2 7.2 10.8

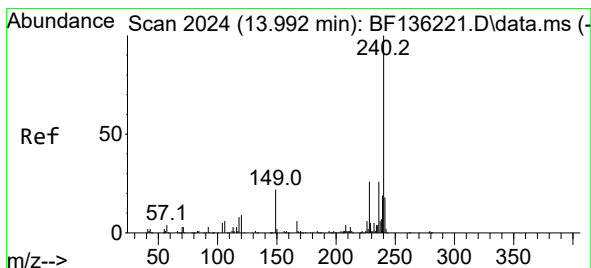
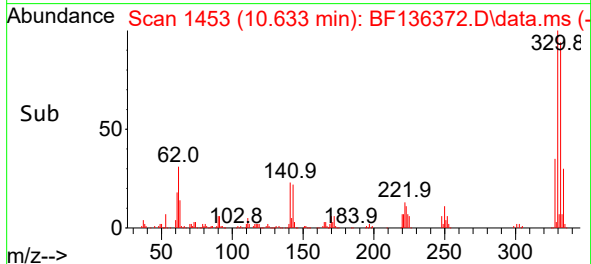
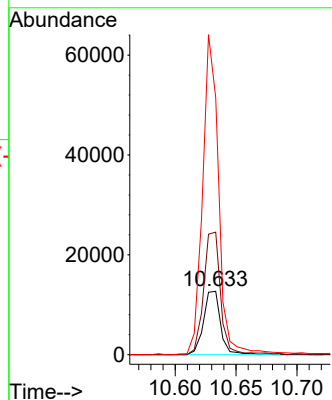
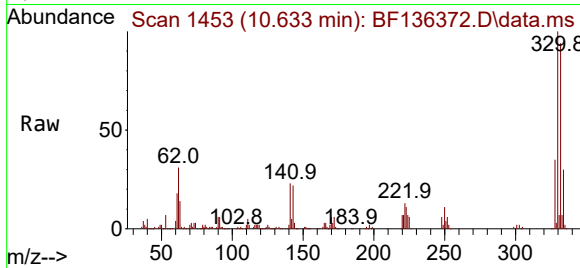




#67  
4-Bromophenyl-phenylether  
Concen: 3.993 ng  
RT: 10.633 min Scan# 1495  
Delta R.T. -0.247 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

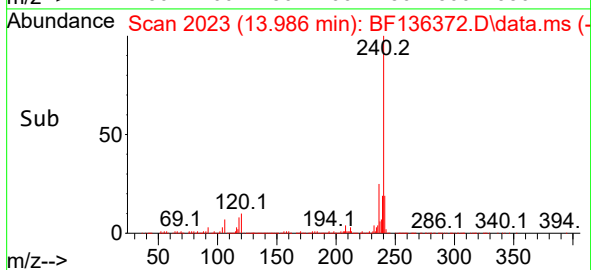
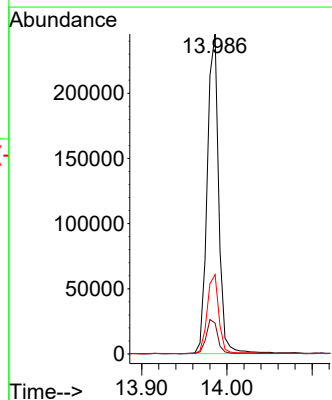
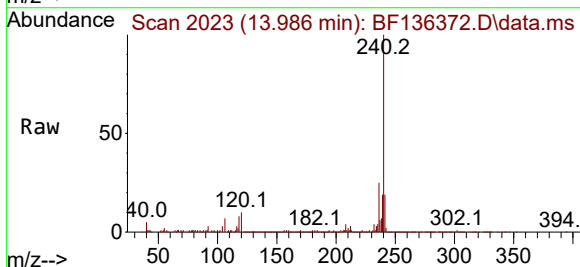
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-8

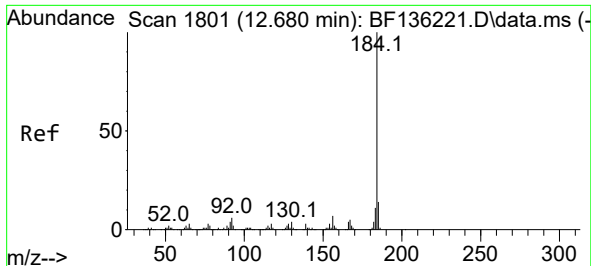
Tgt Ion:248 Resp: 12421  
Ion Ratio Lower Upper  
248 100  
250 193.3 72.5 108.7#  
141 405.1 60.8 91.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

Tgt Ion:240 Resp: 229126  
Ion Ratio Lower Upper  
240 100  
120 9.7 7.4 11.2  
236 24.8 21.1 31.7

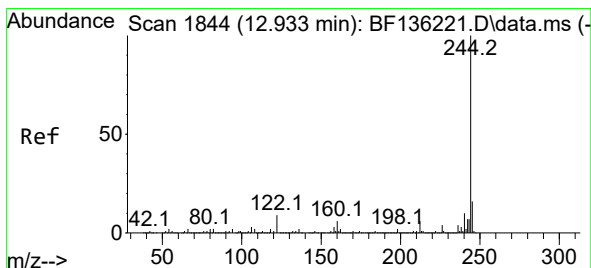
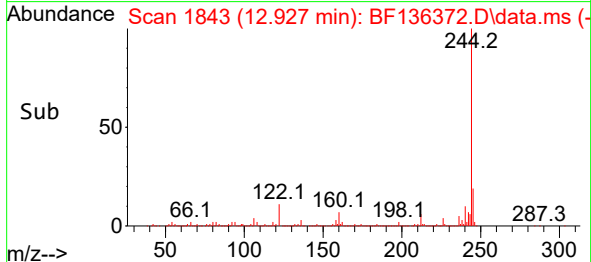
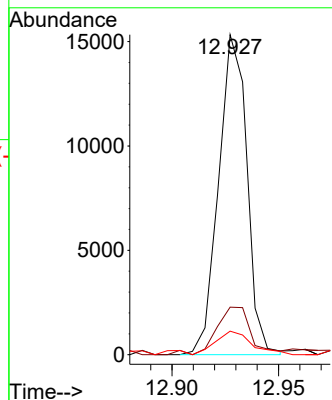
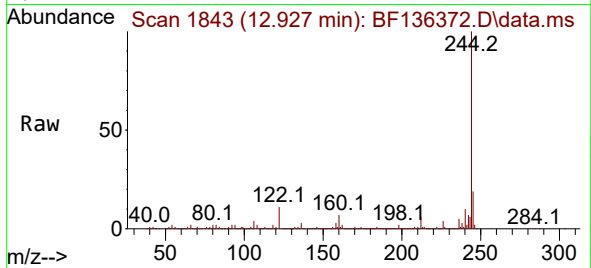




#77  
Benzidine  
Concen: 3.766 ng  
RT: 12.927 min Scan# 1843  
Delta R.T. 0.247 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

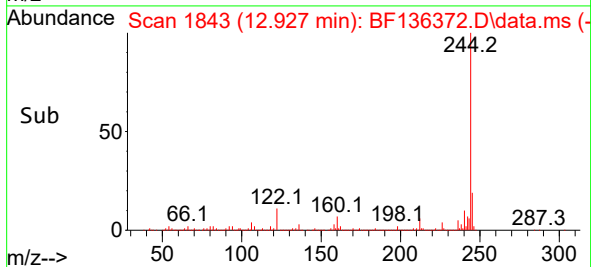
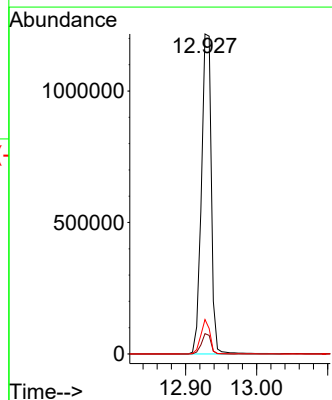
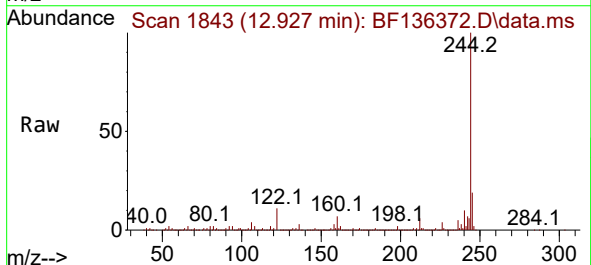
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-8

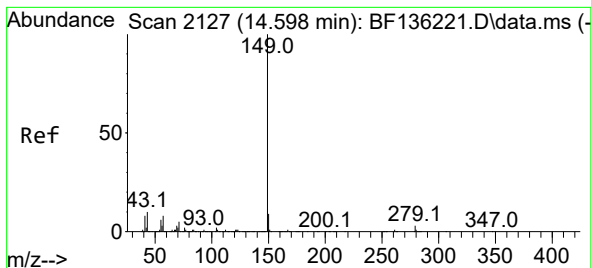
Tgt Ion:184 Resp: 14186  
Ion Ratio Lower Upper  
184 100  
185 14.9 11.0 16.6  
183 7.4 9.0 13.4#



#79  
Terphenyl-d14  
Concen: 59.384 ng  
RT: 12.927 min Scan# 1843  
Delta R.T. -0.006 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

Tgt Ion:244 Resp: 1179591  
Ion Ratio Lower Upper  
244 100  
212 6.4 4.6 7.0  
122 10.8 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.235 ng

RT: 14.609 min Scan# 2127

Delta R.T. 0.011 min

Lab File: BF136372.D

Acq: 02 Dec 2023 10:59

Instrument :

BNA\_F

ClientSampleId :

COMP-8

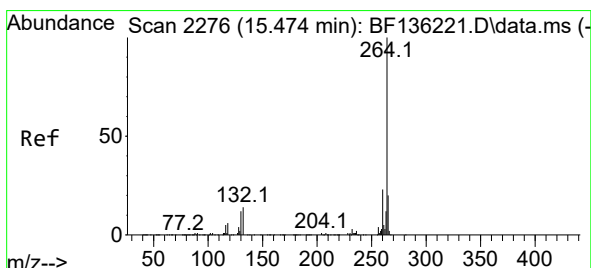
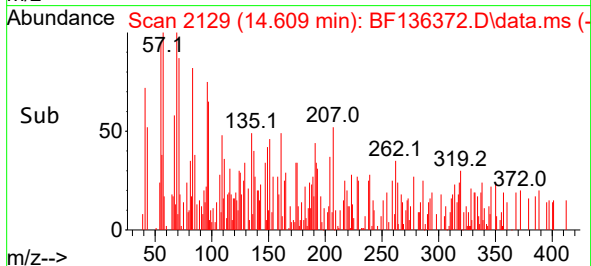
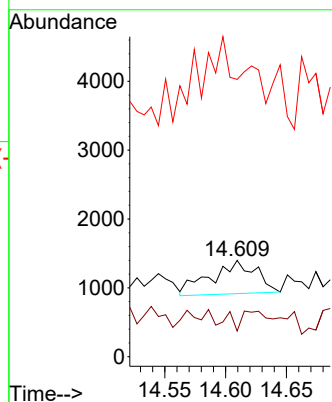
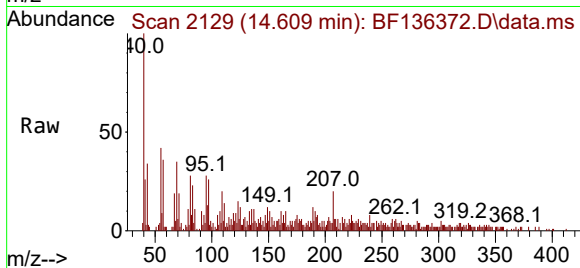
Tgt Ion:149 Resp: 1242

Ion Ratio Lower Upper

149 100

167 34.7 1.0 1.6#

43 70.8 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136372.D

Acq: 02 Dec 2023 10:59

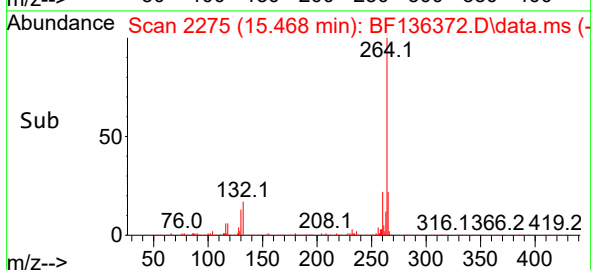
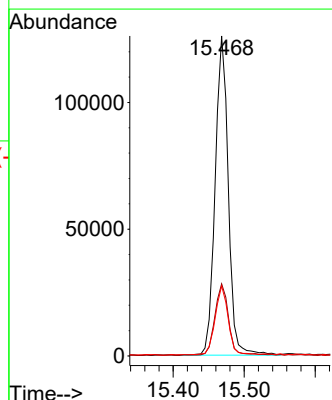
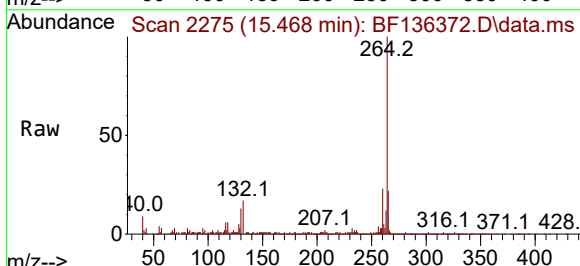
Tgt Ion:264 Resp: 162004

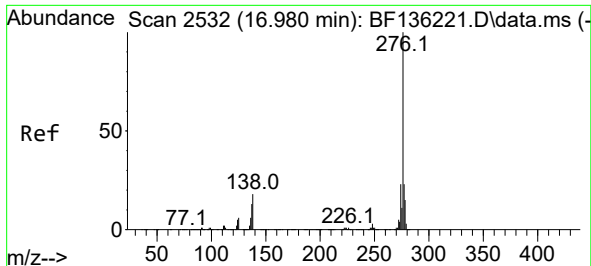
Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 21.9 15.7 23.5

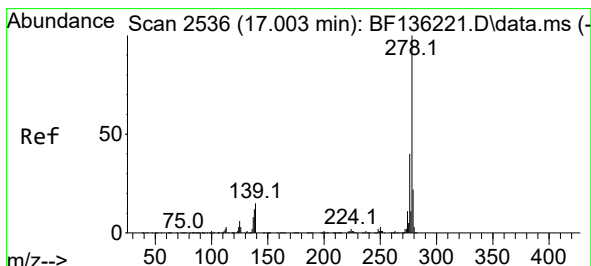
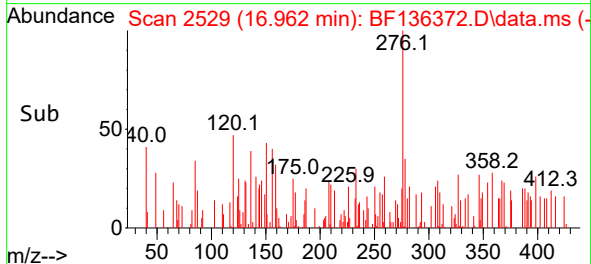
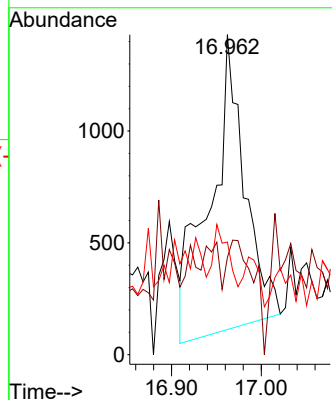
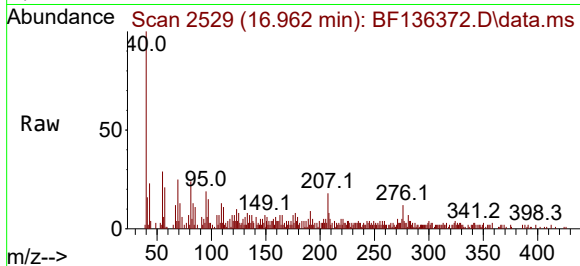




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.956 ng  
 RT: 16.962 min Scan# 2529  
 Delta R.T. -0.018 min  
 Lab File: BF136372.D  
 Acq: 02 Dec 2023 10:59

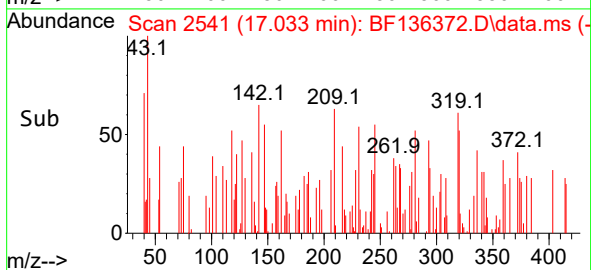
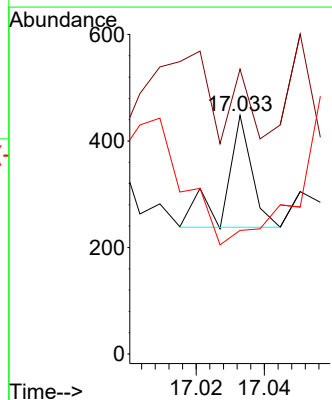
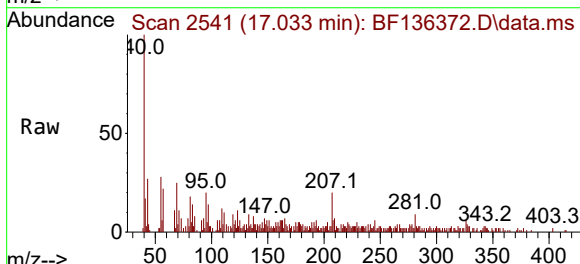
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-8

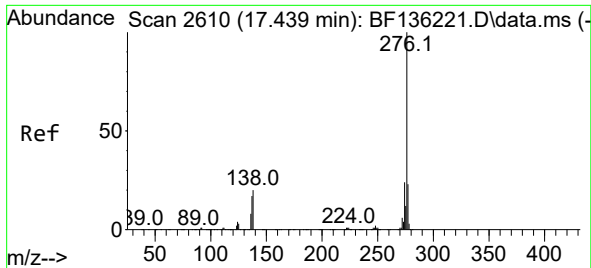
Tgt Ion:276 Resp: 3555  
 Ion Ratio Lower Upper  
 276 100  
 138 29.6 17.7 26.5#  
 277 0.0 19.6 29.4#



#91  
 Dibenzo(a,h)anthracene  
 Concen: 2.724 ng  
 RT: 17.033 min Scan# 2541  
 Delta R.T. 0.030 min  
 Lab File: BF136372.D  
 Acq: 02 Dec 2023 10:59

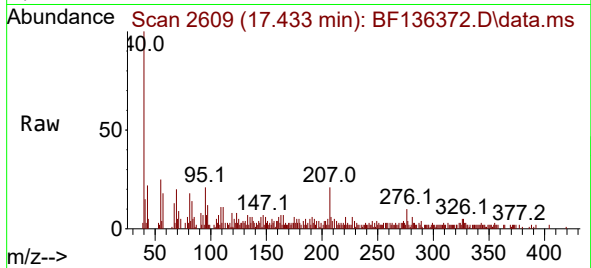
Tgt Ion:278 Resp: 111  
 Ion Ratio Lower Upper  
 278 100  
 139 119.4 11.7 17.5#  
 279 51.8 17.8 26.8#





#92  
Benzo(g,h,i)perylene  
Concen: 2.215 ng  
RT: 17.433 min Scan# 209  
Delta R.T. -0.006 min  
Lab File: BF136372.D  
Acq: 02 Dec 2023 10:59

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-8



Tgt Ion:276 Resp: 3192  
Ion Ratio Lower Upper  
276 100  
277 46.8 18.6 27.8#  
138 37.4 15.8 23.8#

