

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010524\  
 Data File : BF136984.D  
 Acq On : 05 Jan 2024 19:32  
 Operator : CG\JU  
 Sample : 05967-08  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COLT1

Quant Time: Jan 05 22:52:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 52551    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.063  | 136  | 177415   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.816  | 164  | 80056    | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.310 | 188  | 146272   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.969 | 240  | 131571   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.457 | 264  | 108735   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 135236   | 40.153 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 107335   | 24.595 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 256847   | 74.081 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 71214    | 75.532 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 497450   | 83.574 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.910 | 244  | 575659   | 61.143 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 33958    | 12.836 | ng    | # 70     |
| 25) Isophorone                | 7.345  | 82   | 256845   | 40.713 | ng    | # 65     |
| 50) Dimethylphthalate         | 9.816  | 163  | 14878    | 2.544  | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 10400    | 7.837  | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 10400    | 6.037  | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.616 | 248  | 4147     | 2.553  | ng    | # 1      |
| 77) Benzidine                 | 12.663 | 184  | 132196   | 34.076 | ng    | 99       |
| -----                         |        |      |          |        |       |          |

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

BNA F

**ClientSampleId :**

COLT1

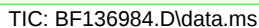
Quant Time: Jan 05 22:52:27 2024

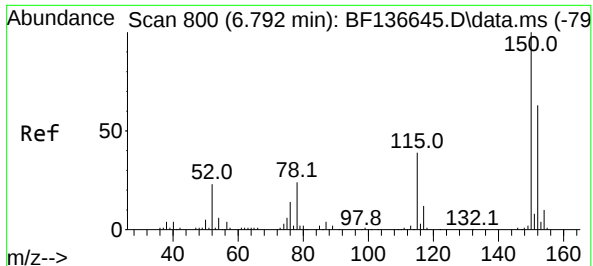
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 21 01:54:25 2023

Response via : Initial Calibration

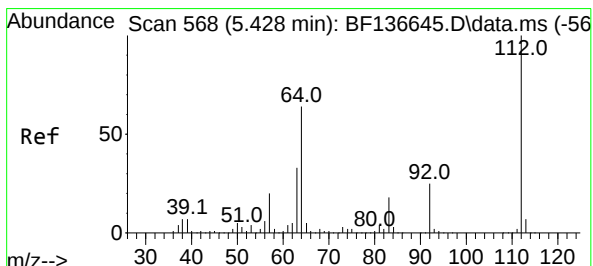
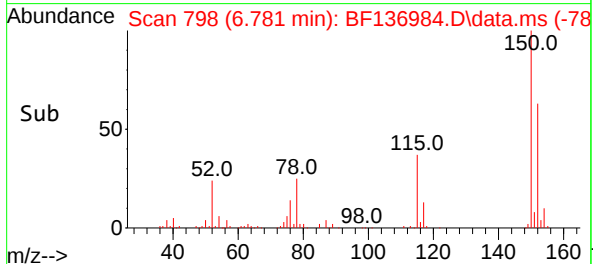
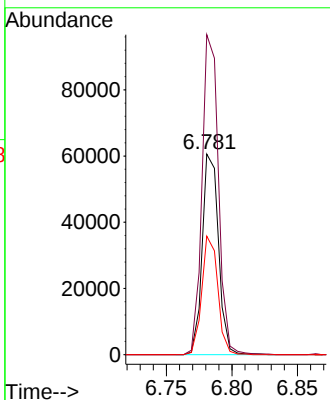
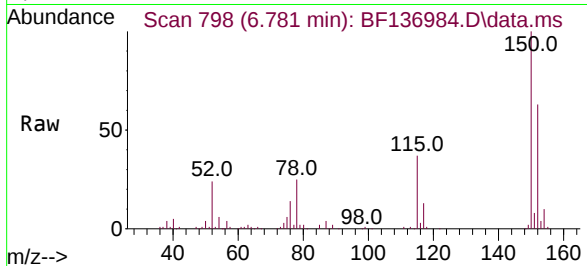




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.011 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

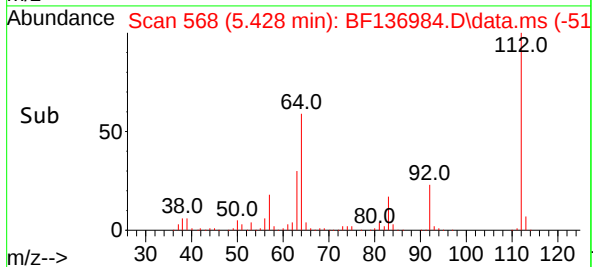
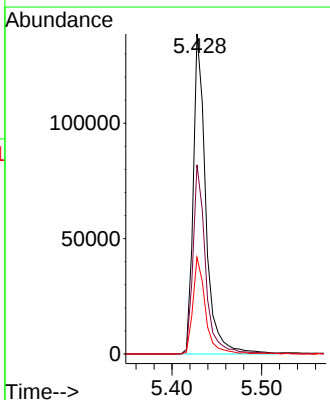
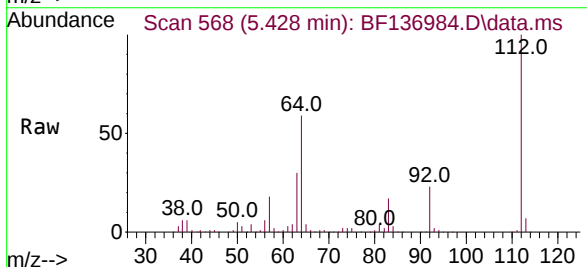
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BNA\_F  
ClientSampleId :  
COLT1

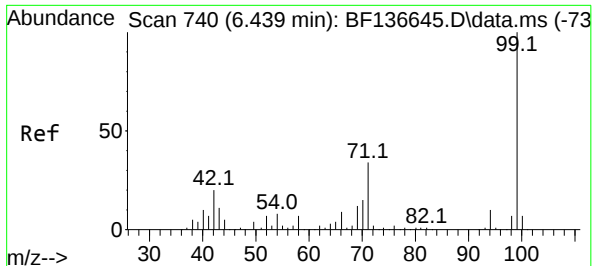
Tgt Ion:152 Resp: 52551  
Ion Ratio Lower Upper  
152 100  
150 159.5 127.0 190.6  
115 59.1 49.0 73.4



#5  
2-Fluorophenol  
Concen: 40.153 ng  
RT: 5.428 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

Tgt Ion:112 Resp: 135236  
Ion Ratio Lower Upper  
112 100  
64 59.1 51.1 76.7  
63 30.2 26.1 39.1

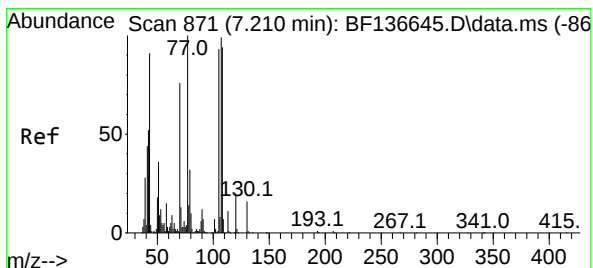
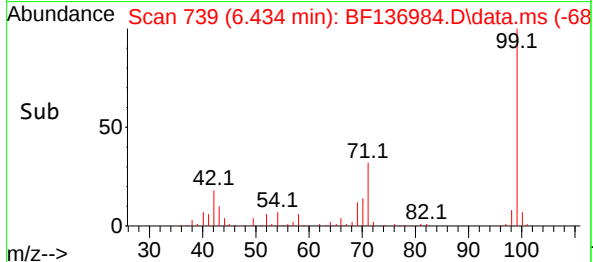
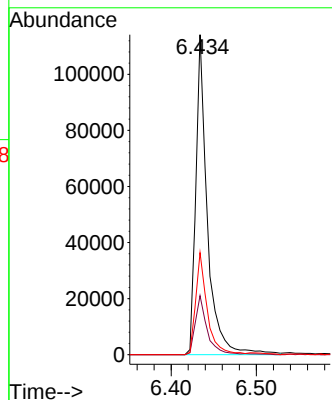
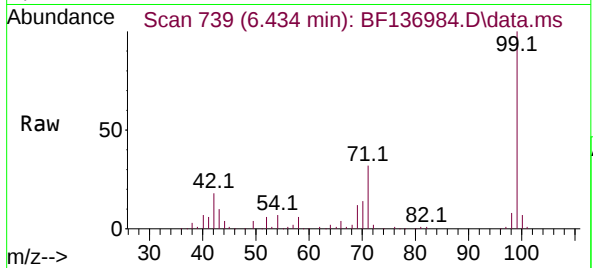




#7  
Phenol-d6  
Concen: 24.595 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

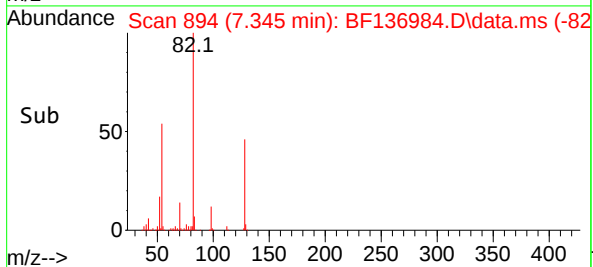
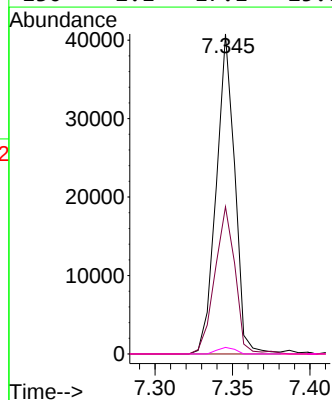
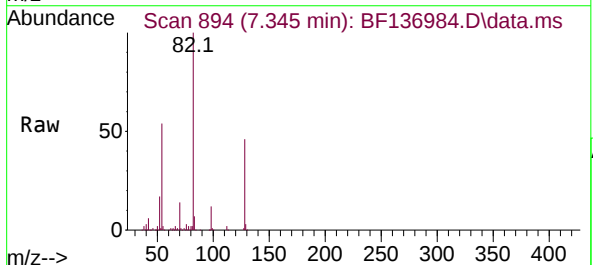
Instrument :  
BNA\_F  
ClientSampleId :  
COLT1

Tgt Ion: 99 Resp: 107335  
Ion Ratio Lower Upper  
99 100  
42 18.5 16.1 24.1  
71 31.9 27.4 41.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.836 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.135 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

Tgt Ion: 70 Resp: 33958  
Ion Ratio Lower Upper  
70 100  
42 46.0 54.2 81.4#  
101 0.0 7.6 11.4#  
130 2.1 17.1 25.7#

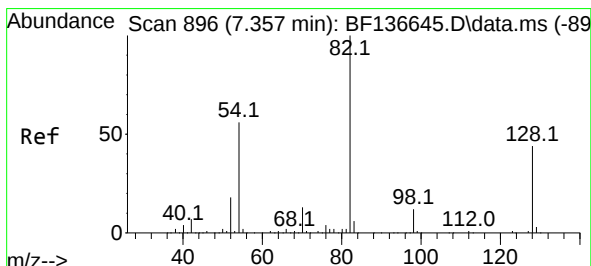
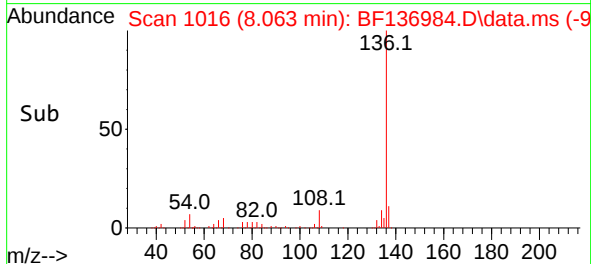
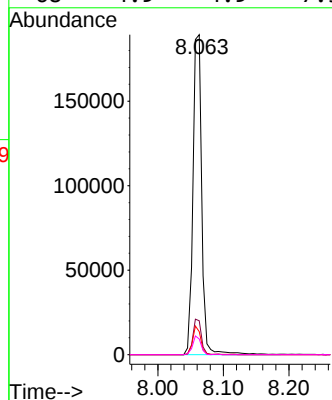
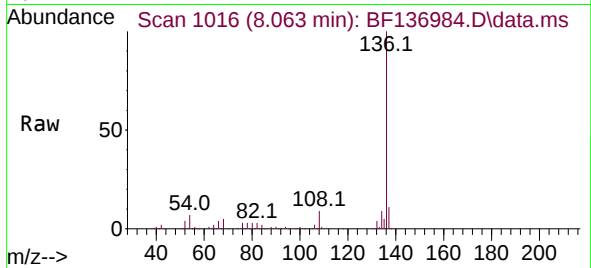




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

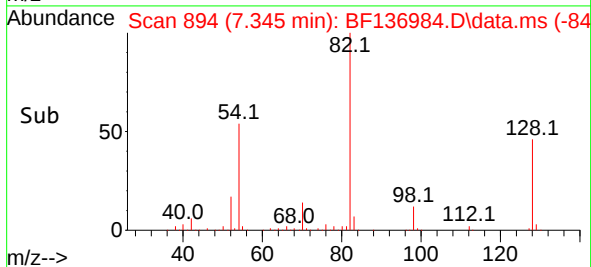
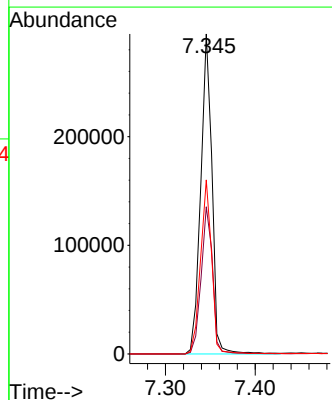
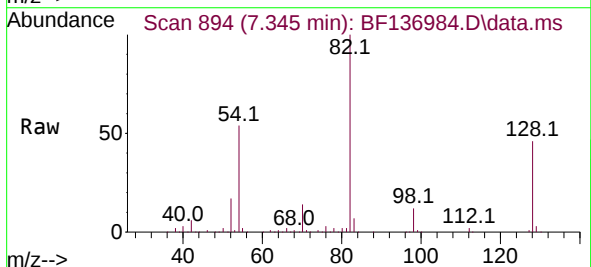
Instrument :  
BNA\_F  
ClientSampleId :  
COLT1

Tgt Ion:136 Resp: 177415  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 7.2 7.2 10.8#  
68 4.9 4.9 7.3



#23  
Nitrobenzene-d5  
Concen: 74.081 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.012 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

Tgt Ion: 82 Resp: 256847  
Ion Ratio Lower Upper  
82 100  
128 46.0 35.3 52.9  
54 54.4 44.5 66.7

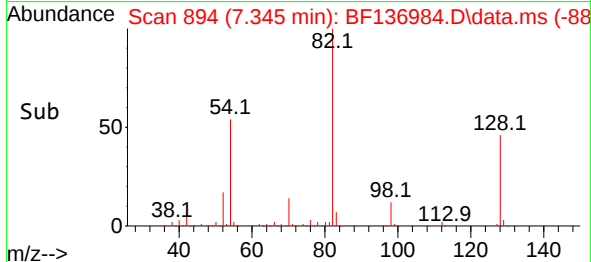
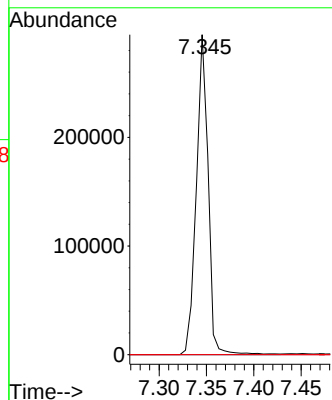
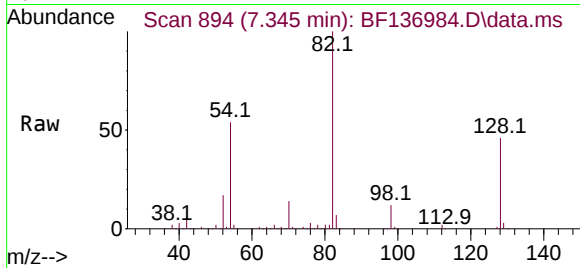




#25  
Isophorone  
Concen: 40.713 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.270 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

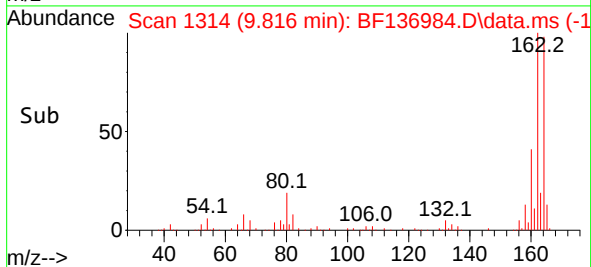
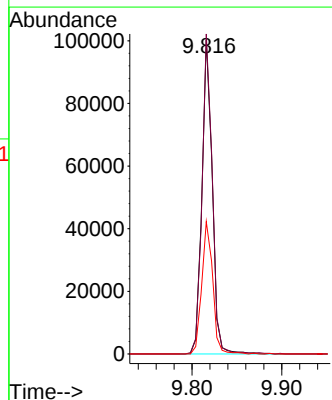
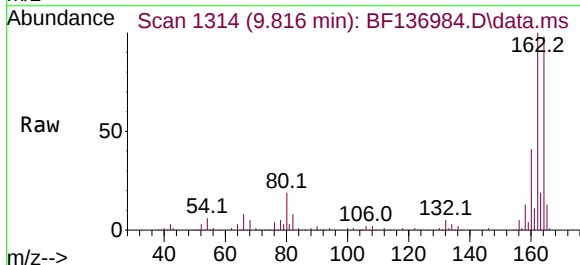
Instrument :  
BNA\_F  
ClientSampleId :  
COLT1

Tgt Ion: 82 Resp: 256845  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

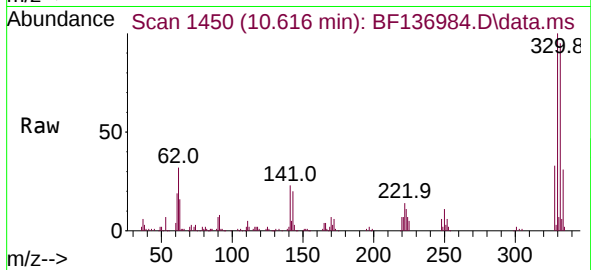
Tgt Ion:164 Resp: 80056  
Ion Ratio Lower Upper  
164 100  
162 101.9 81.6 122.4  
160 42.2 34.9 52.3



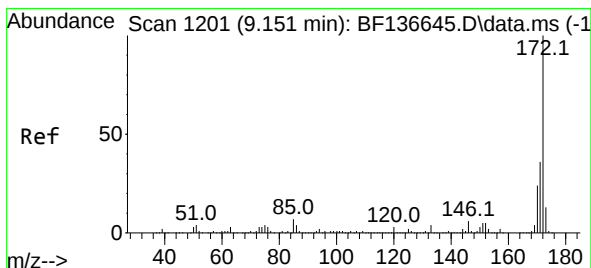
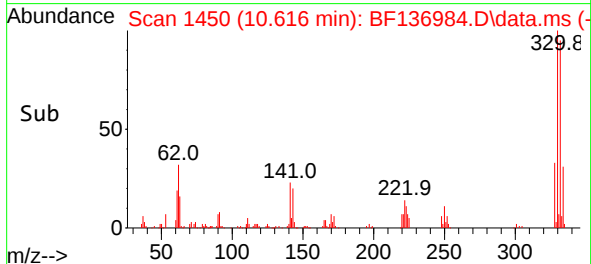
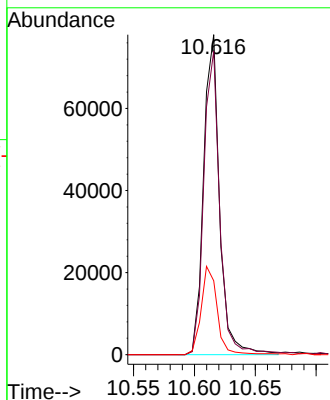


#42  
2,4,6-Tribromophenol  
Concen: 75.532 ng  
RT: 10.616 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

Instrument :  
BNA\_F  
ClientSampleId :  
COLT1

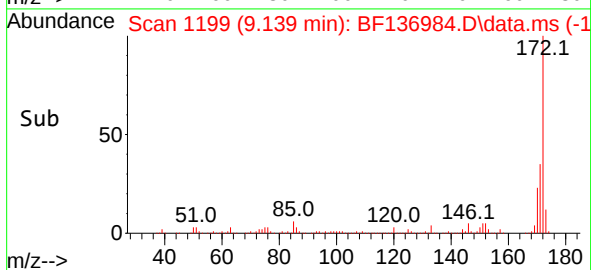
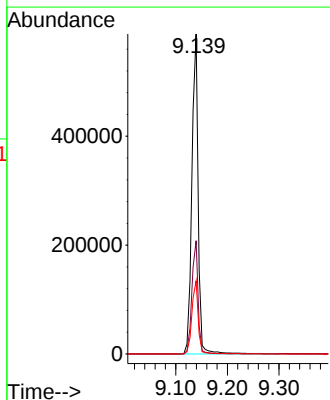
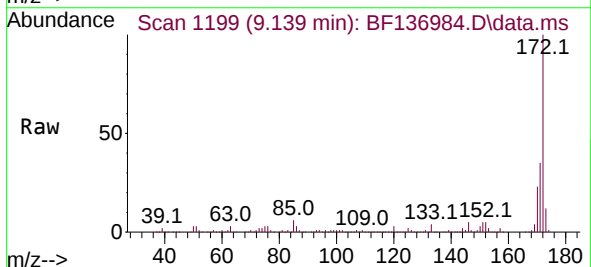


Tgt Ion:330 Resp: 71214  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.4 116.0  
141 27.9 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 83.574 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

Tgt Ion:172 Resp: 497450  
Ion Ratio Lower Upper  
172 100  
171 35.4 29.0 43.6  
170 22.9 19.0 28.4

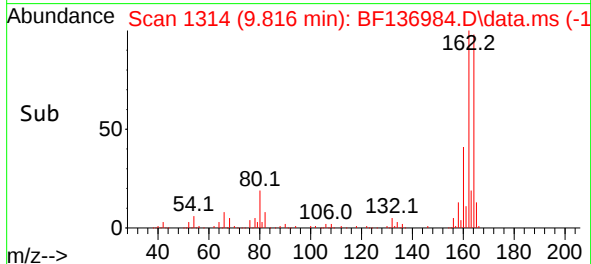
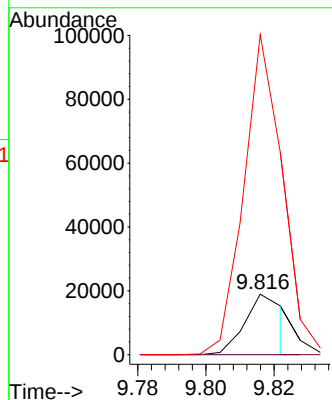
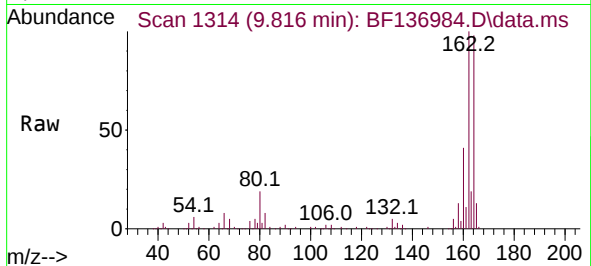




#50  
Dimethylphthalate  
Concen: 2.544 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.259 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

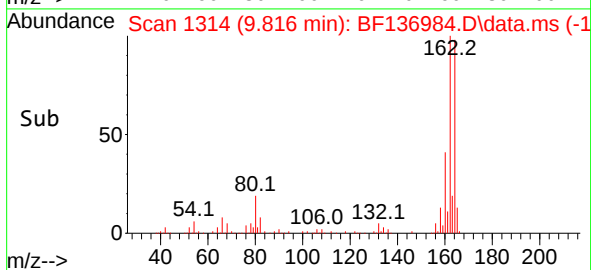
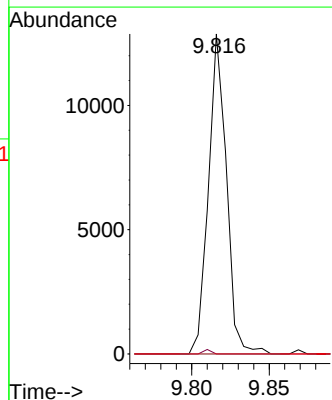
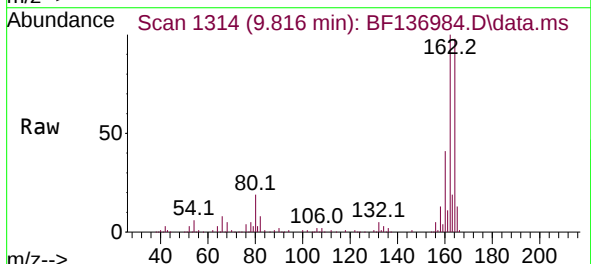
Instrument :  
BNA\_F  
ClientSampleId :  
COLT1

Tgt Ion:163 Resp: 14878  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 528.5 7.8 11.6#



#51  
2,6-Dinitrotoluene  
Concen: 7.837 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.194 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

Tgt Ion:165 Resp: 10400  
Ion Ratio Lower Upper  
165 100  
63 0.0 39.8 59.6#  
89 0.0 38.8 58.2#

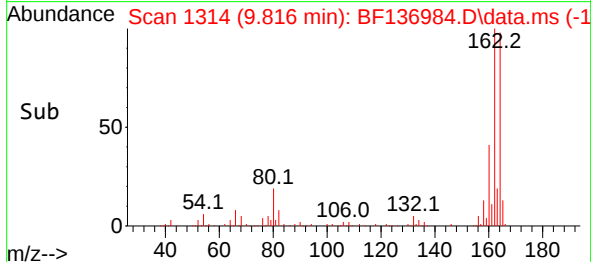
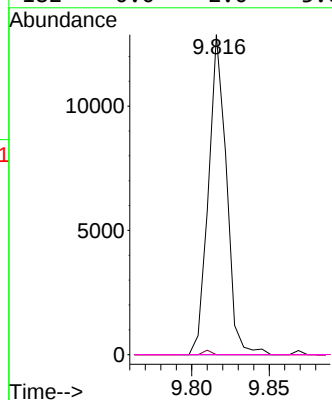
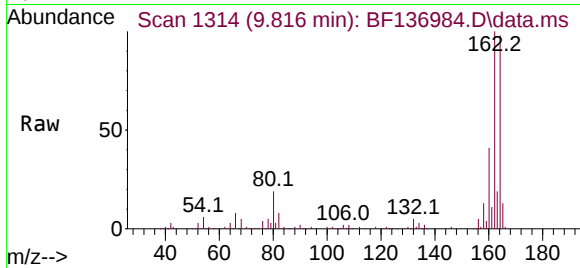




#57  
2,4-Dinitrotoluene  
Concen: 6.037 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

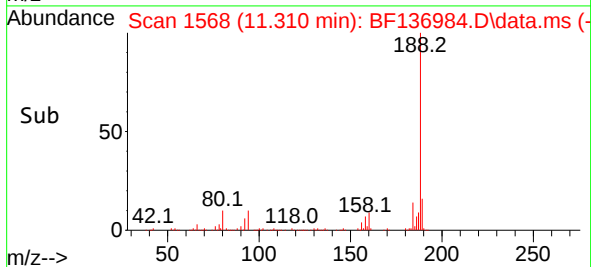
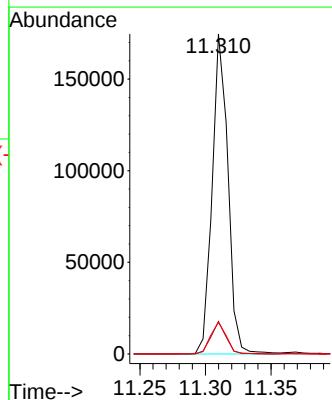
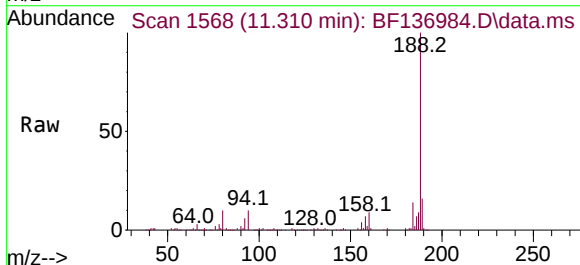
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BNA\_F  
ClientSampleId :  
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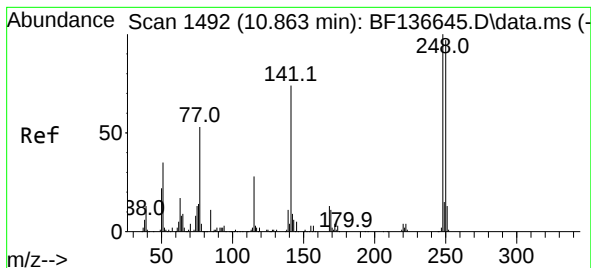
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Ion Ratio Lower Upper  
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63 0.0 41.0 61.6#  
89 0.0 59.9 89.9#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

Tgt Ion:188 Resp: 146272  
Ion Ratio Lower Upper  
188 100  
94 10.2 7.5 11.3  
80 9.9 8.1 12.1

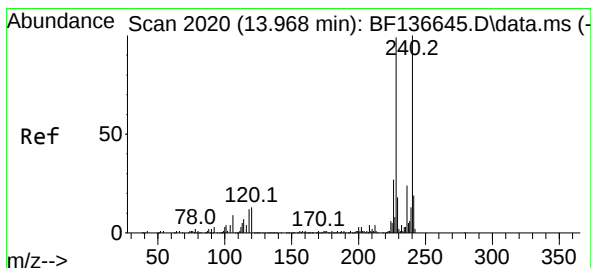
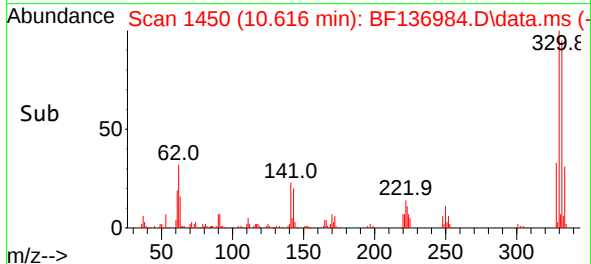
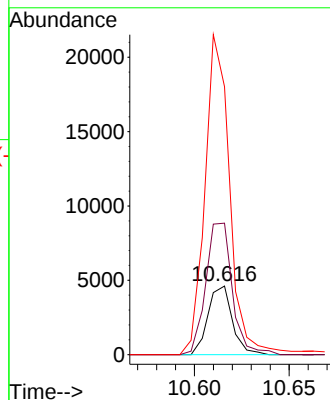
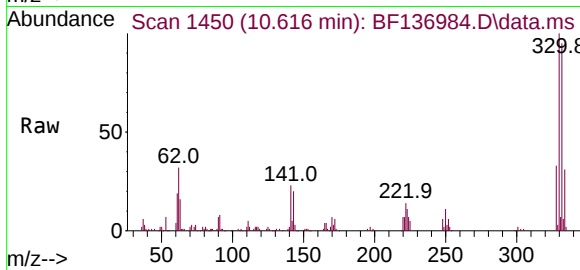




#67  
4-Bromophenyl-phenylether  
Concen: 2.553 ng  
RT: 10.616 min Scan# 1492  
Delta R.T. -0.247 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

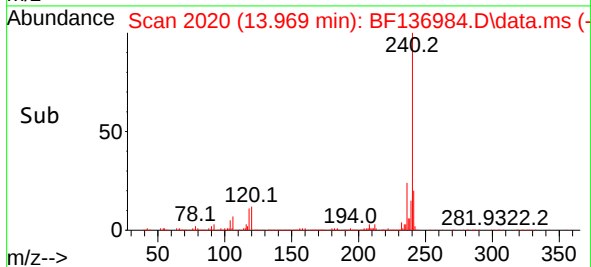
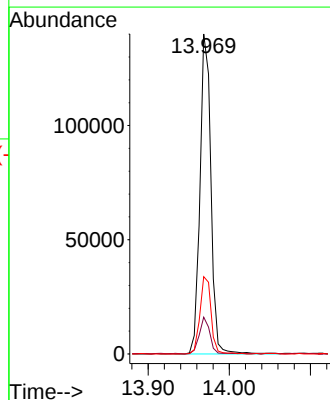
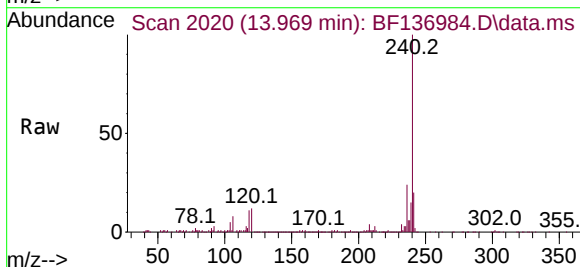
Instrument :  
BNA\_F  
ClientSampleId :  
COLT1

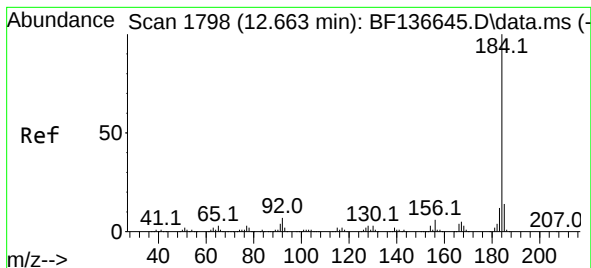
Tgt Ion:248 Resp: 4147  
Ion Ratio Lower Upper  
248 100  
250 191.4 77.8 116.6#  
141 390.1 59.2 88.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.969 min Scan# 2020  
Delta R.T. 0.000 min  
Lab File: BF136984.D  
Acq: 05 Jan 2024 19:32

Tgt Ion:240 Resp: 131571  
Ion Ratio Lower Upper  
240 100  
120 11.5 10.3 15.5  
236 24.2 19.4 29.2





#77

Benzidine

Concen: 34.076 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136984.D

Acq: 05 Jan 2024 19:32

Instrument :

BNA\_F

ClientSampleId :

COLT1

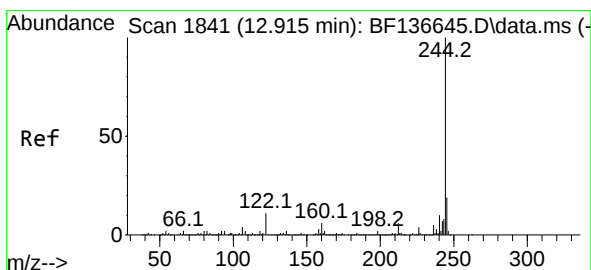
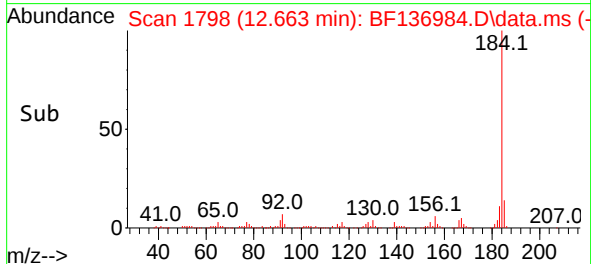
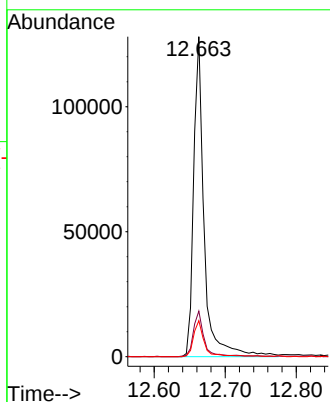
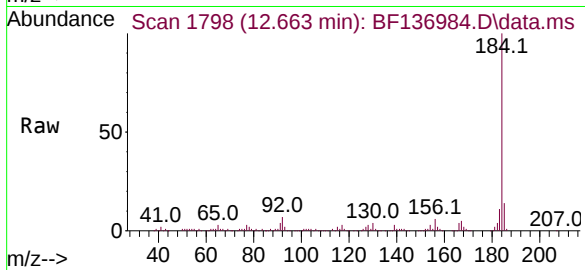
Tgt Ion:184 Resp: 132196

Ion Ratio Lower Upper

184 100

185 14.2 11.2 16.8

183 11.3 9.3 13.9



#79

Terphenyl-d14

Concen: 61.143 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136984.D

Acq: 05 Jan 2024 19:32

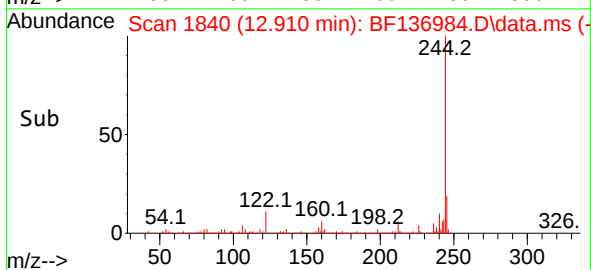
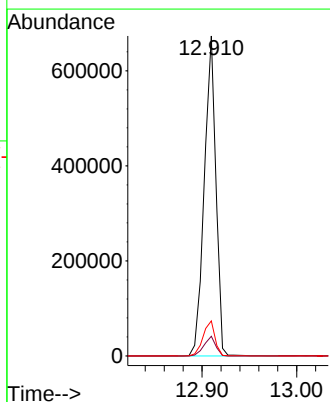
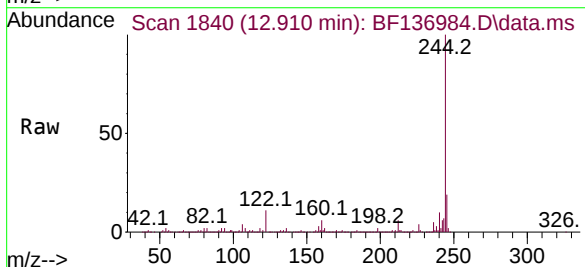
Tgt Ion:244 Resp: 575659

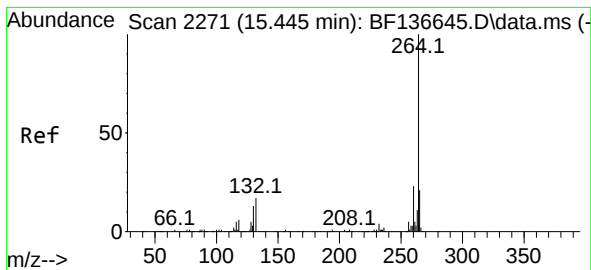
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.9 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136984.D

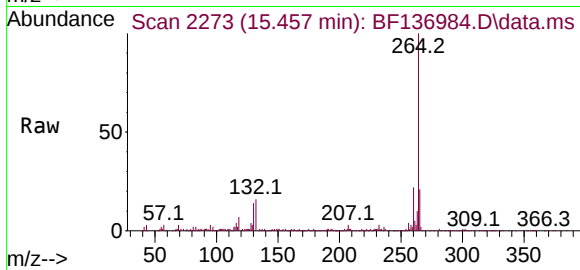
Acq: 05 Jan 2024 19:32

Instrument :

BNA\_F

ClientSampleId :

COLT1



Tgt Ion:264 Resp: 108735

Ion Ratio Lower Upper

264 100

260 21.8 18.3 27.5

265 20.8 17.0 25.6

