

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122123\  
 Data File : BF136674.D  
 Acq On : 21 Dec 2023 17:50  
 Operator : CG\JU  
 Sample : 05914-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-12000

Quant Time: Dec 21 22:44:43 2023  
 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

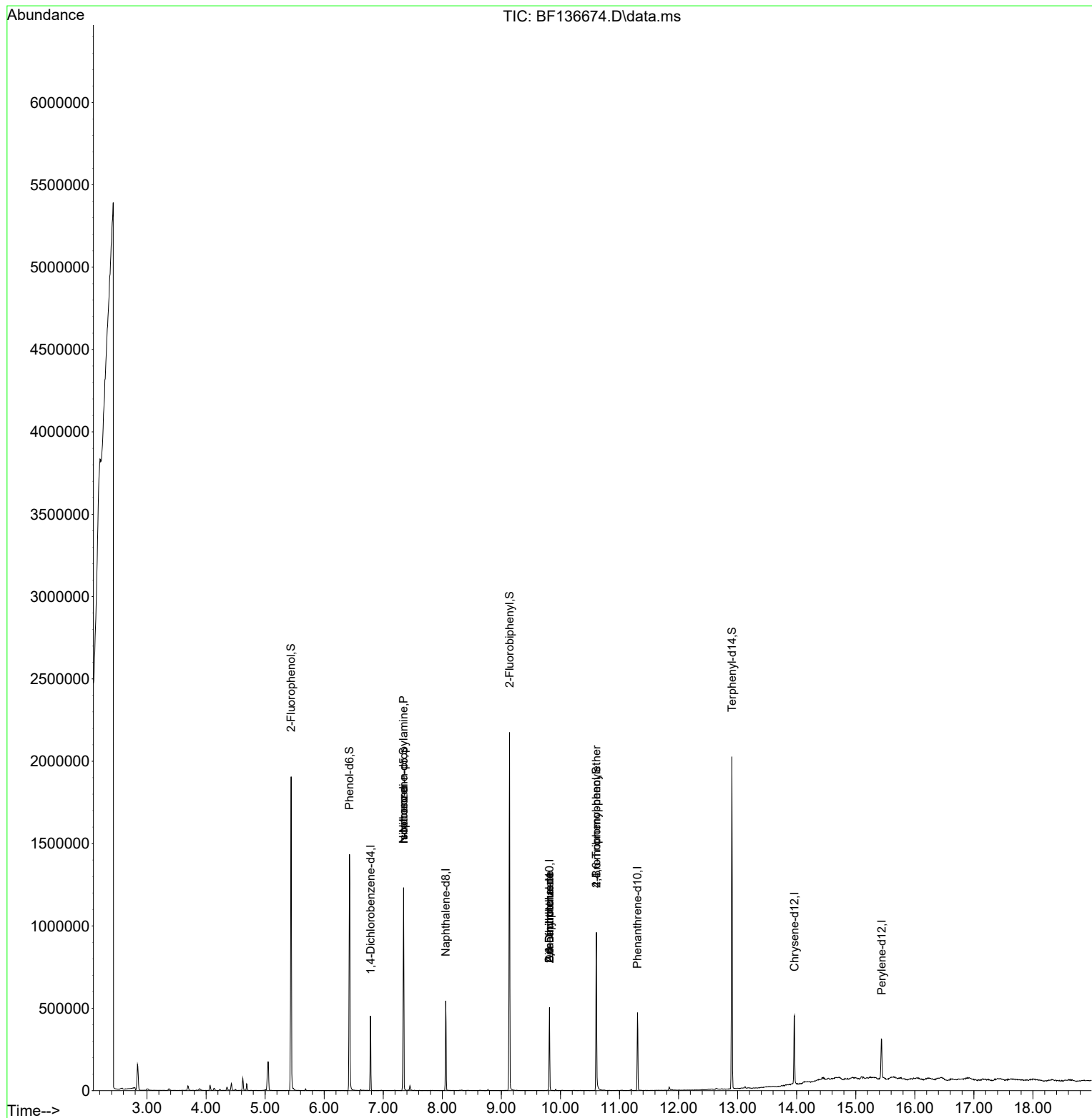
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.786  | 152  | 68956    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.057  | 136  | 229068   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 93945    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 171826   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.962 | 240  | 150612   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.439 | 264  | 117824   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 498229   | 112.736 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.428  | 99   | 531885   | 92.881  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 383624   | 85.697  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 128014   | 115.702 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 649362   | 92.967  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.904 | 244  | 711583   | 66.025  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 49766    | 14.336  | ng    | # 77     |
| 25) Isophorone                | 7.345  | 82   | 382307   | 46.935  | ng    | # 65     |
| 50) Dimethylphthalate         | 9.816  | 163  | 19222    | 2.801   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 11994    | 7.702   | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 11994    | 5.933   | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 7510     | 3.936   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

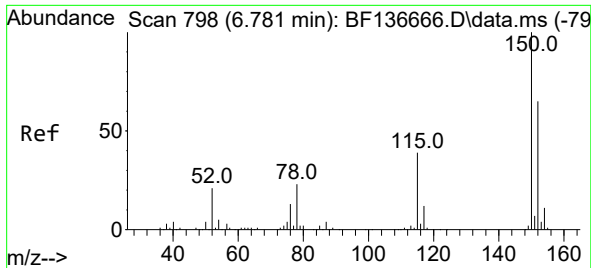
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 22:44:43 2023  
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  
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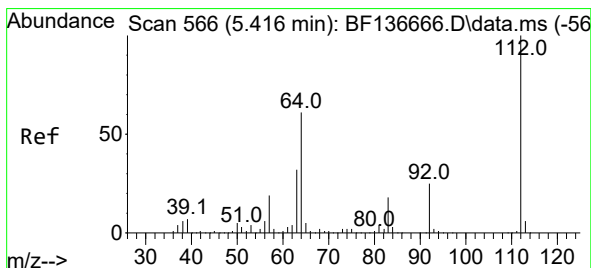
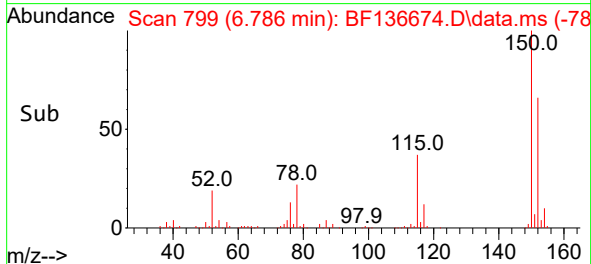
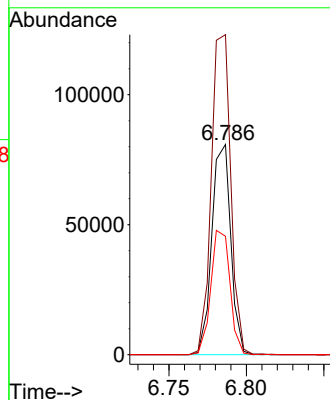
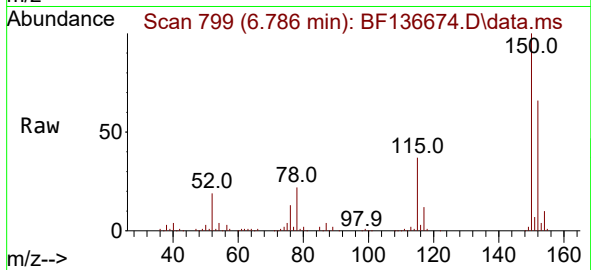




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.786 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

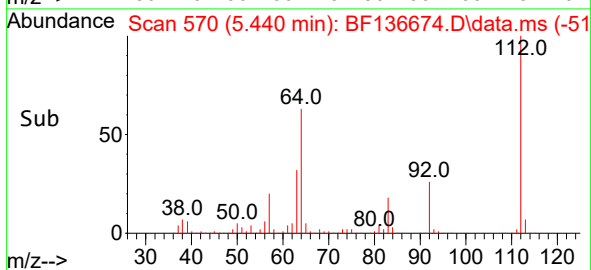
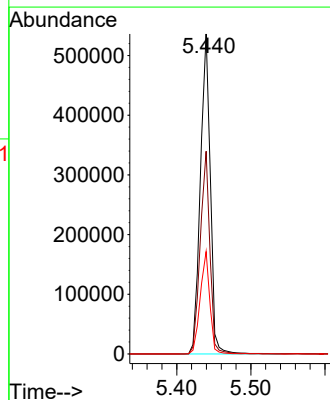
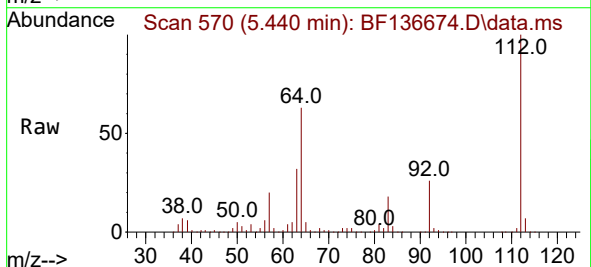
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BNA\_F  
ClientSampleId :  
72-12000

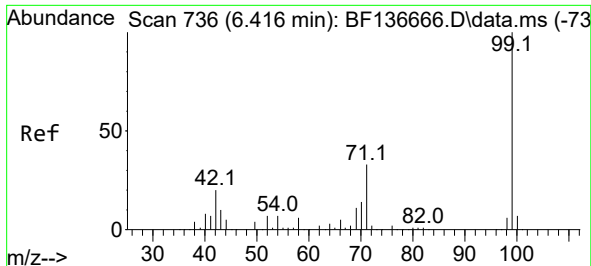
Tgt Ion:152 Resp: 68956  
Ion Ratio Lower Upper  
152 100  
150 152.2 127.0 190.6  
115 56.3 49.0 73.4



#5  
2-Fluorophenol  
Concen: 112.736 ng  
RT: 5.440 min Scan# 570  
Delta R.T. 0.012 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

Tgt Ion:112 Resp: 498229  
Ion Ratio Lower Upper  
112 100  
64 63.3 51.1 76.7  
63 32.0 26.1 39.1

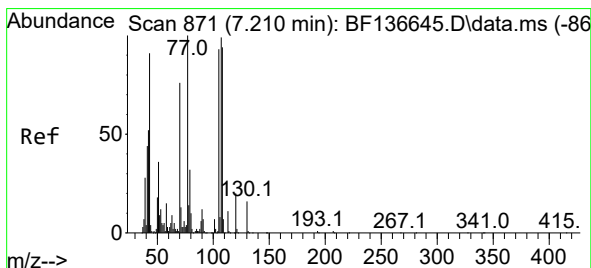
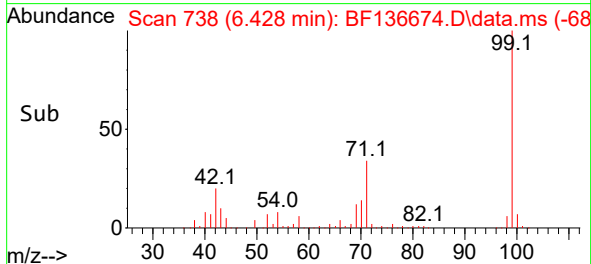
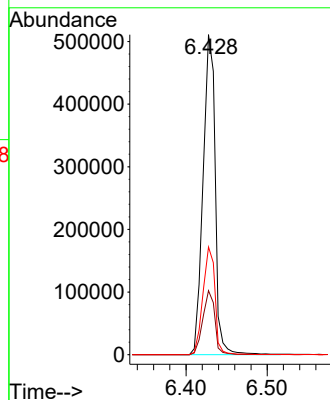
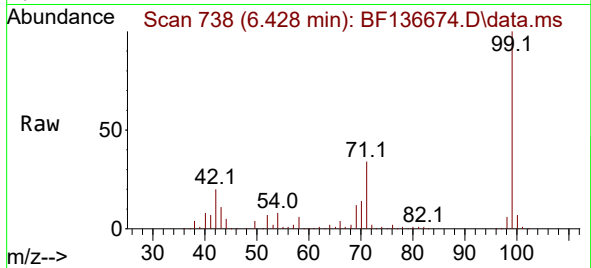




#7  
Phenol-d6  
Concen: 92.881 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

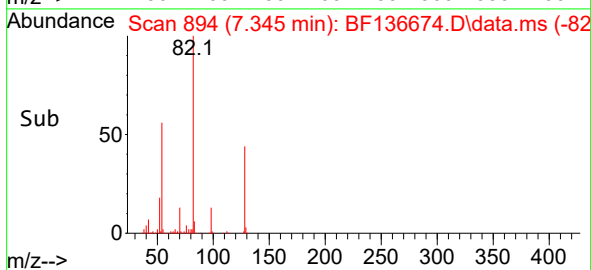
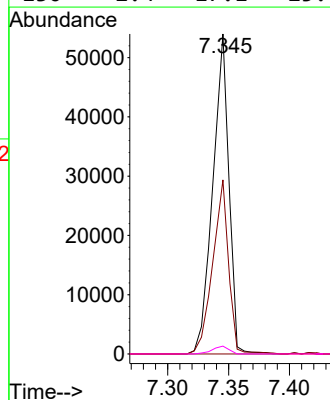
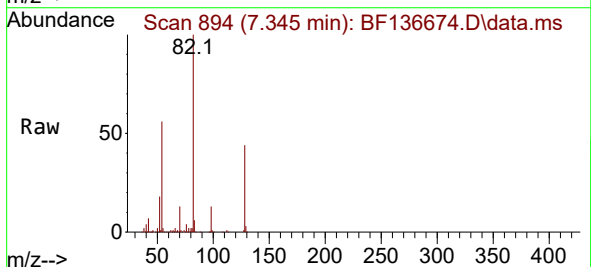
Instrument :  
BNA\_F  
ClientSampleId :  
72-12000

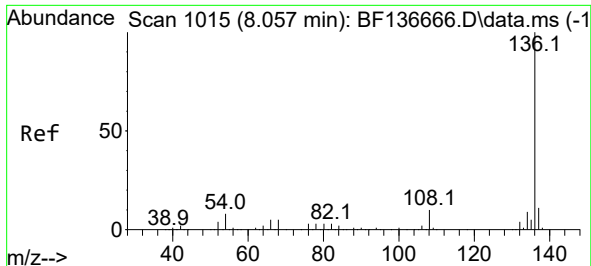
Tgt Ion: 99 Resp: 531885  
Ion Ratio Lower Upper  
99 100  
42 20.0 16.1 24.1  
71 33.7 27.4 41.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.336 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.135 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

Tgt Ion: 70 Resp: 49766  
Ion Ratio Lower Upper  
70 100  
42 54.4 54.2 81.4  
101 0.0 7.6 11.4#  
130 2.4 17.1 25.7#

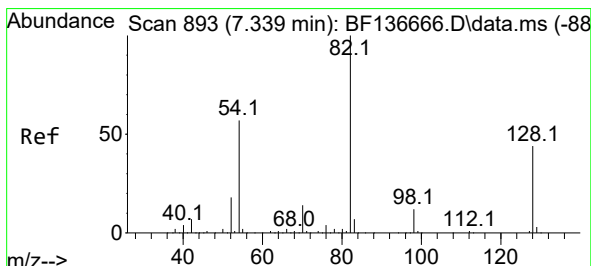
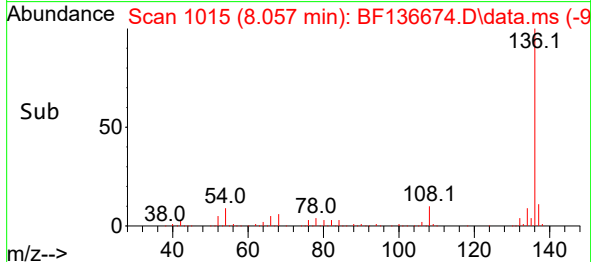
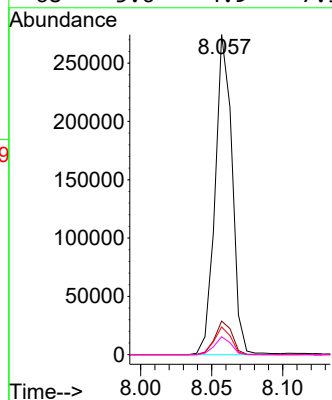
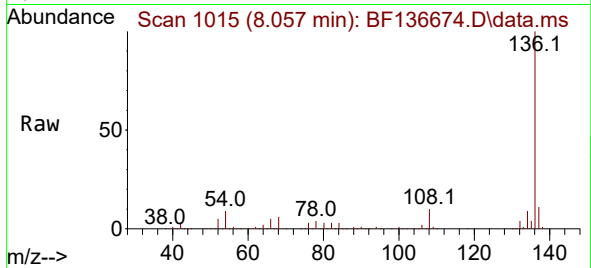




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

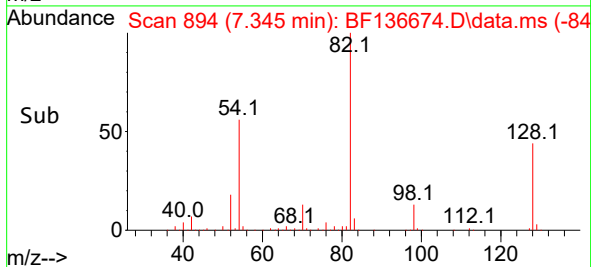
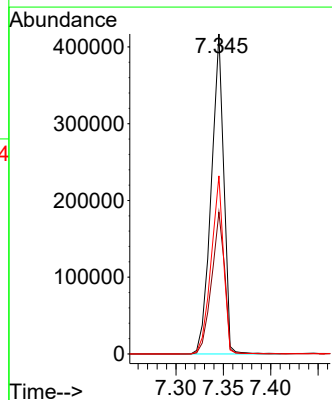
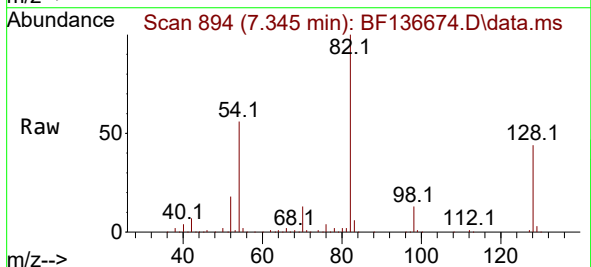
Instrument :  
BNA\_F  
ClientSampleId :  
72-12000

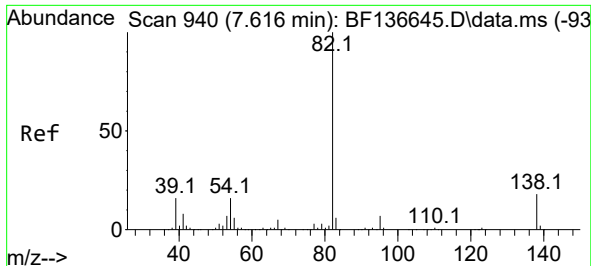
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 229068 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 9.0   | 13.4   |
| 54       | 8.6   | 7.2   | 10.8   |
| 68       | 5.6   | 4.9   | 7.3    |



#23  
Nitrobenzene-d5  
Concen: 85.697 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.012 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 383624 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 44.3  | 35.3  | 52.9   |
| 54       | 55.7  | 44.5  | 66.7   |

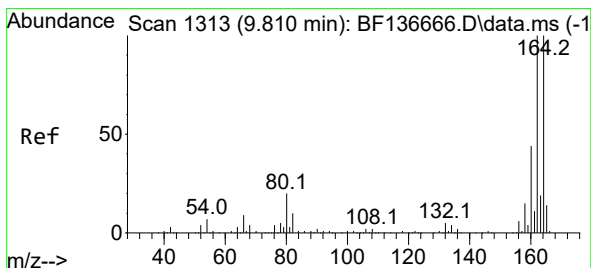
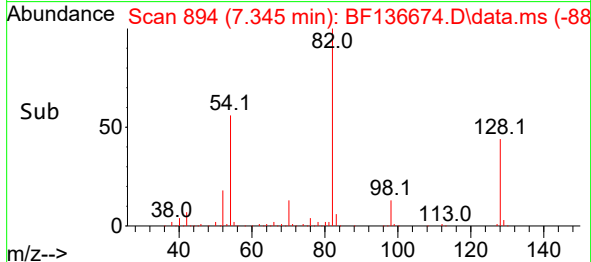
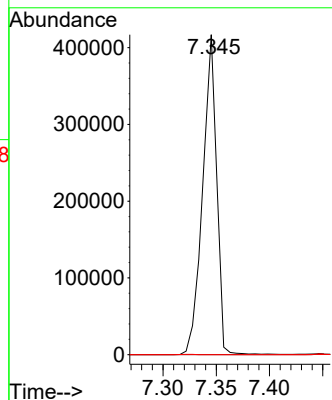
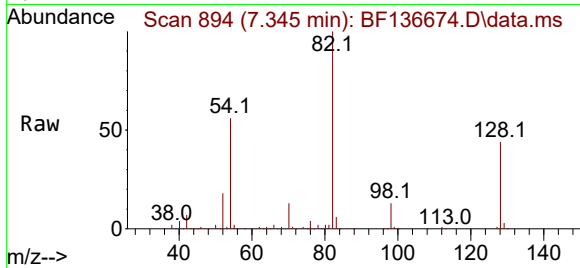




#25  
Isophorone  
Concen: 46.935 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.271 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

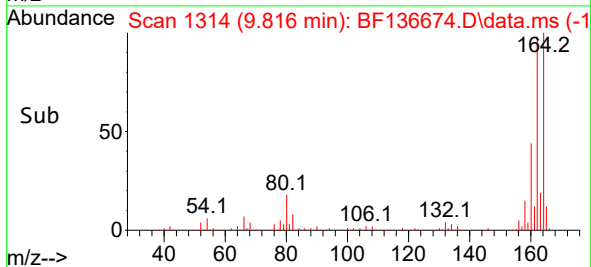
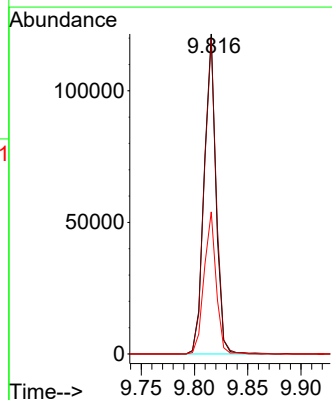
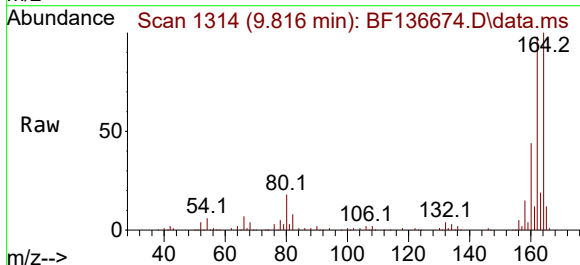
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ClientSampleId :  
72-12000

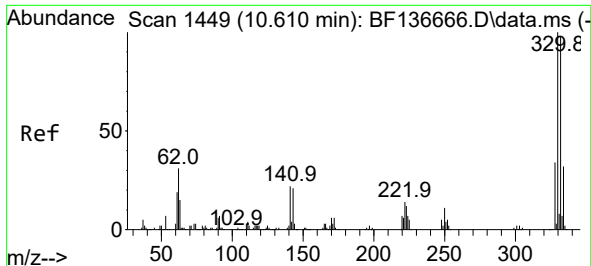
Tgt Ion: 82 Resp: 382307  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

Tgt Ion:164 Resp: 93945  
Ion Ratio Lower Upper  
164 100  
162 98.5 81.6 122.4  
160 44.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 115.702 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136674.D

Acq: 21 Dec 2023 17:50

Instrument :

BNA\_F

ClientSampleId :

72-12000

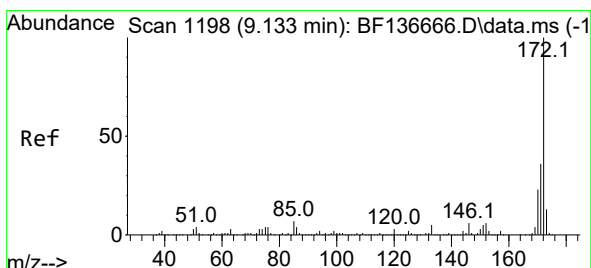
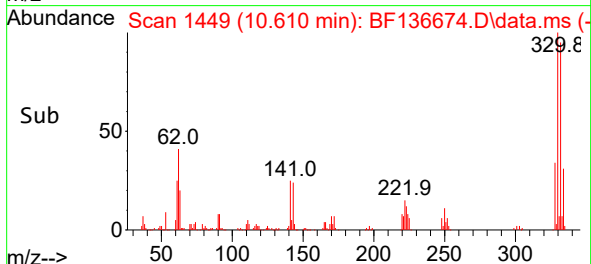
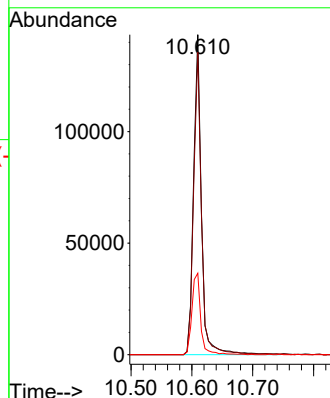
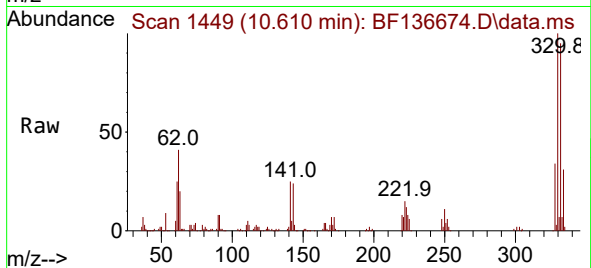
Tgt Ion:330 Resp: 128014

Ion Ratio Lower Upper

330 100

332 94.8 77.4 116.0

141 28.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 92.967 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136674.D

Acq: 21 Dec 2023 17:50

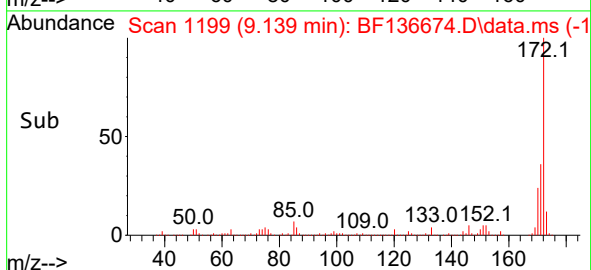
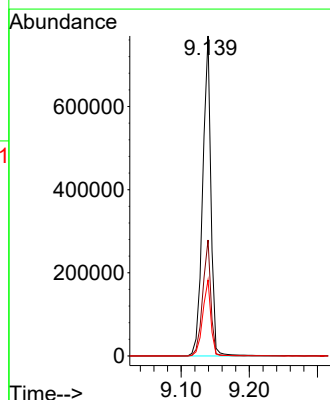
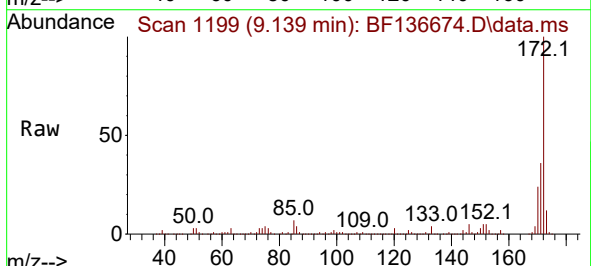
Tgt Ion:172 Resp: 649362

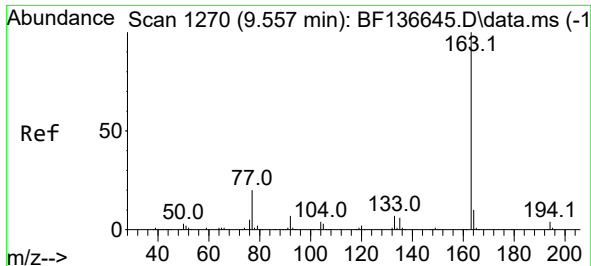
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 23.7 19.0 28.4

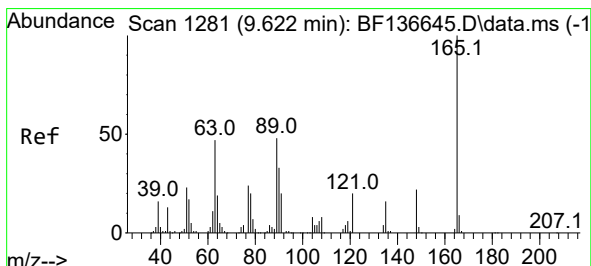
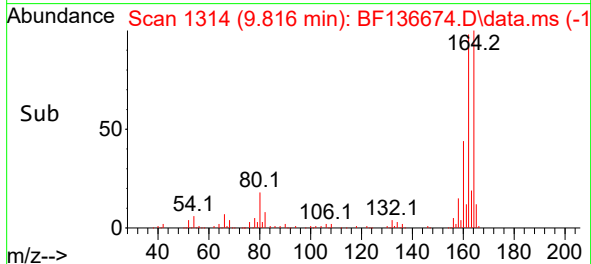
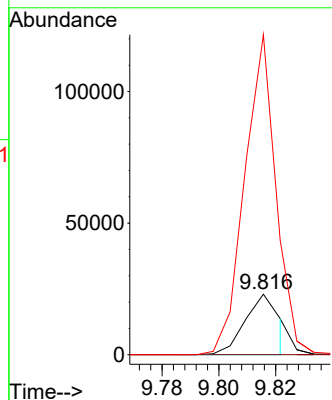
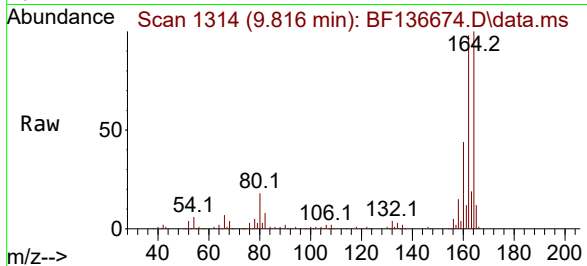




#50  
Dimethylphthalate  
Concen: 2.801 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.259 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

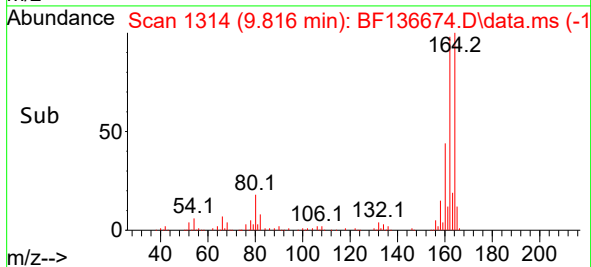
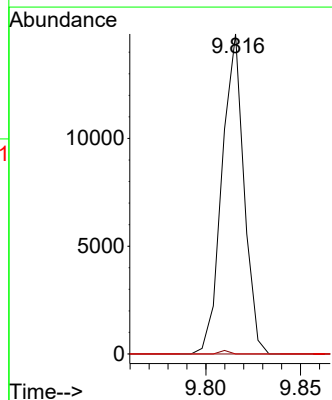
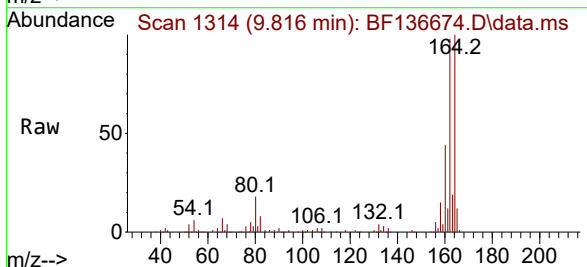
Instrument :  
BNA\_F  
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72-12000

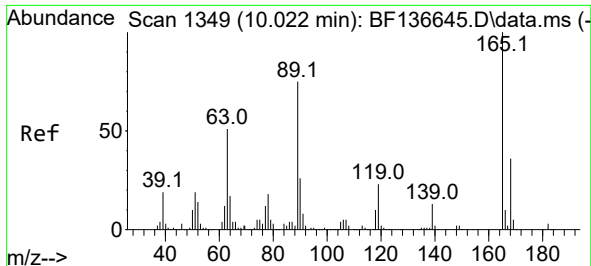
Tgt Ion:163 Resp: 19222  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 528.4 7.8 11.6#



#51  
2,6-Dinitrotoluene  
Concen: 7.702 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.194 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

Tgt Ion:165 Resp: 11994  
Ion Ratio Lower Upper  
165 100  
63 0.0 39.8 59.6#  
89 0.0 38.8 58.2#

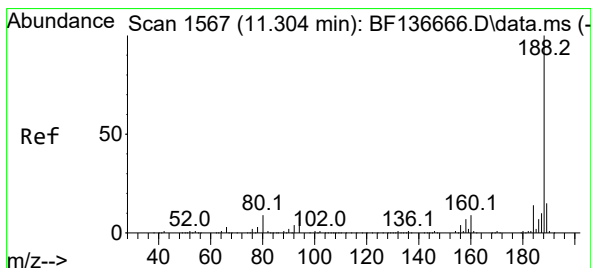
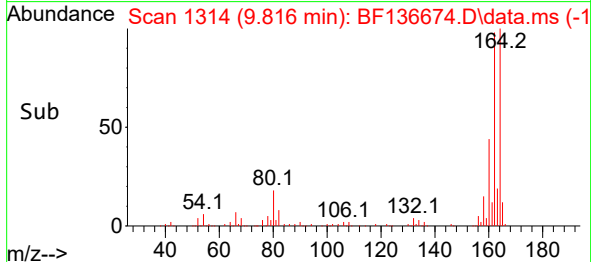
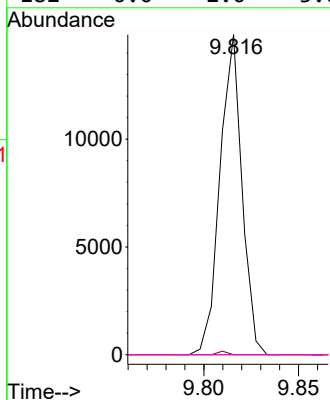
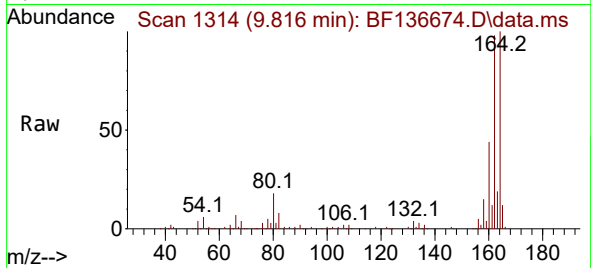




#57  
2,4-Dinitrotoluene  
Concen: 5.933 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

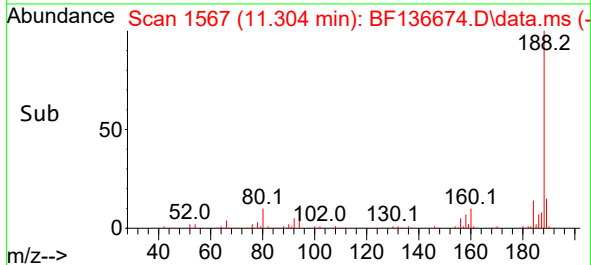
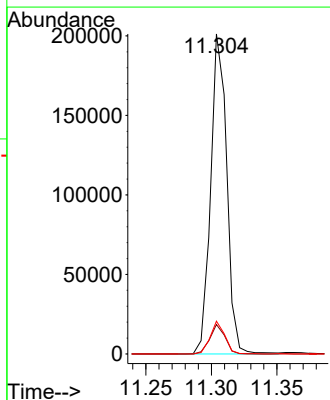
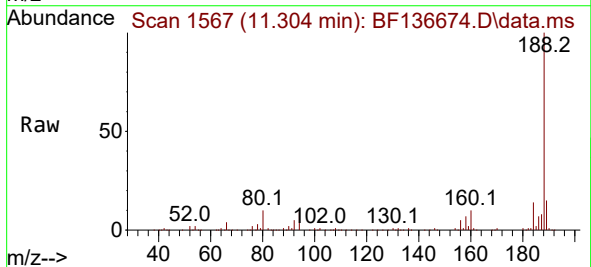
Instrument :  
BNA\_F  
ClientSampleId :  
72-12000

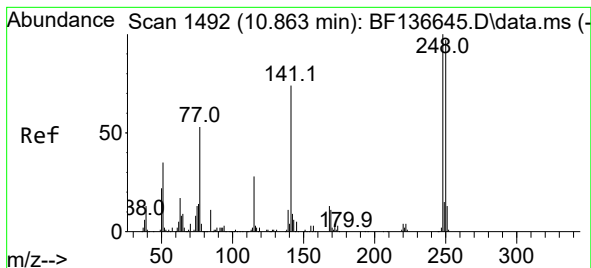
Tgt Ion:165 Resp: 11994  
Ion Ratio Lower Upper  
165 100  
63 0.0 41.0 61.6#  
89 0.0 59.9 89.9#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. -0.012 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

Tgt Ion:188 Resp: 171826  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.5 11.3  
80 10.3 8.1 12.1

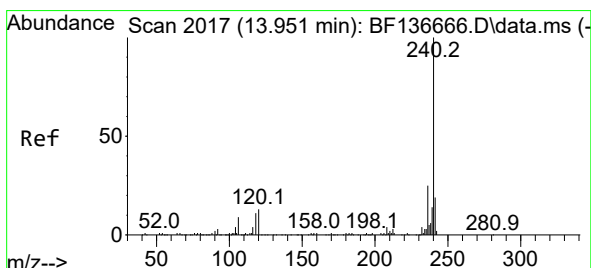
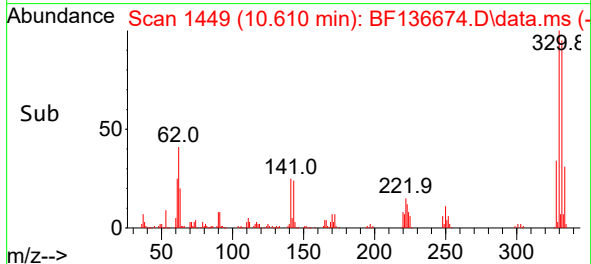
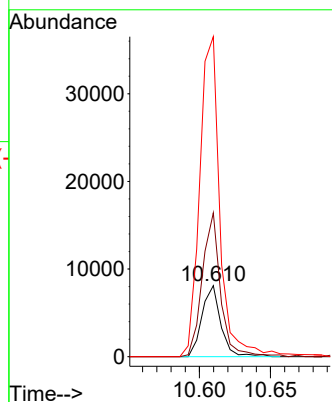
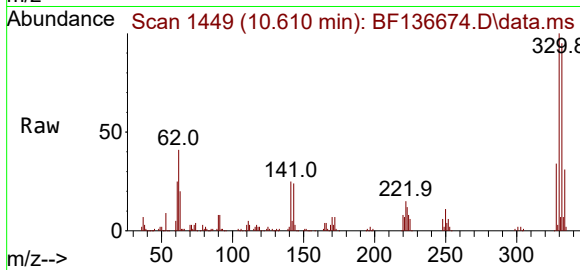




#67  
4-Bromophenyl-phenylether  
Concen: 3.936 ng  
RT: 10.610 min Scan# 1492  
Delta R.T. -0.253 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

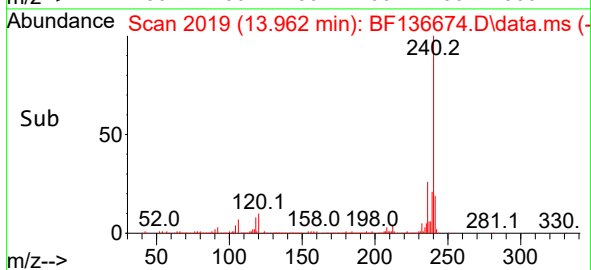
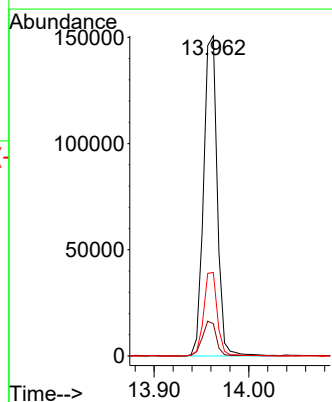
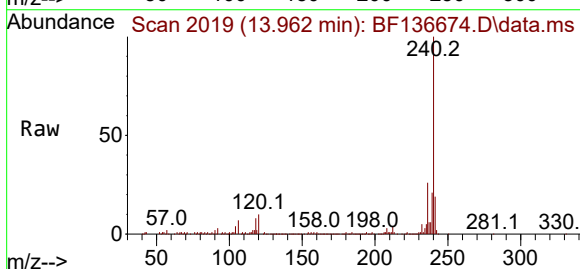
Instrument :  
BNA\_F  
ClientSampleId :  
72-12000

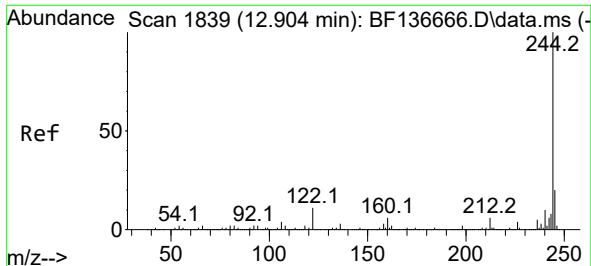
Tgt Ion:248 Resp: 7510  
Ion Ratio Lower Upper  
248 100  
250 202.2 77.8 116.6#  
141 449.9 59.2 88.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF136674.D  
Acq: 21 Dec 2023 17:50

Tgt Ion:240 Resp: 150612  
Ion Ratio Lower Upper  
240 100  
120 10.1 10.3 15.5#  
236 26.1 19.4 29.2

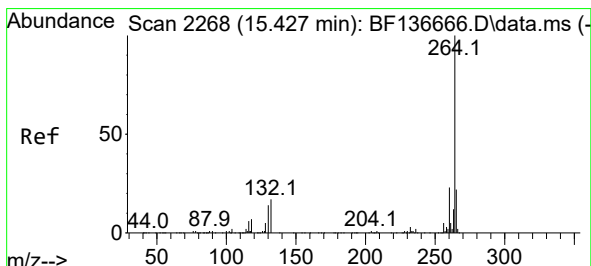
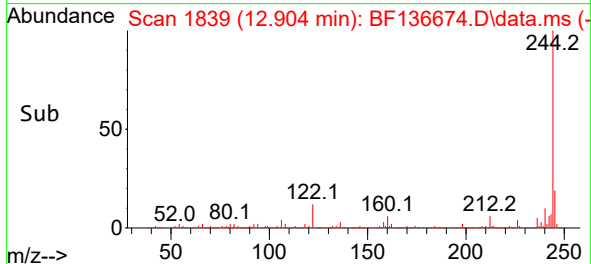
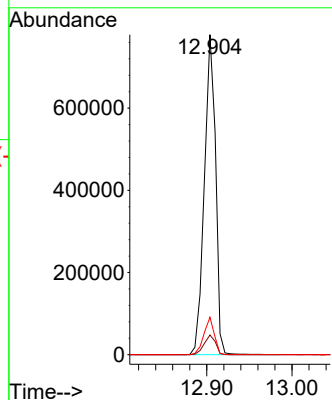
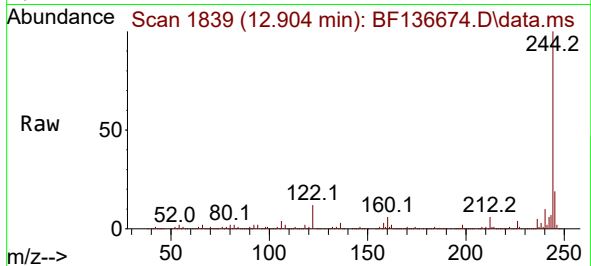




#79  
 Terphenyl-d14  
 Concen: 66.025 ng  
 RT: 12.904 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF136674.D  
 Acq: 21 Dec 2023 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-12000

Tgt Ion:244 Resp: 711583  
 Ion Ratio Lower Upper  
 244 100  
 212 6.2 5.0 7.4  
 122 11.7 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.439 min Scan# 2270  
 Delta R.T. -0.006 min  
 Lab File: BF136674.D  
 Acq: 21 Dec 2023 17:50

Tgt Ion:264 Resp: 117824  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.3 27.5  
 265 21.6 17.0 25.6

