

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112423\  
 Data File : BF136196.D  
 Acq On : 25 Nov 2023 00:39  
 Operator : CG\JU  
 Sample : PB157074TB  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 25 03:58:39 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 24 23:44:28 2023  
 Response via : Initial Calibration

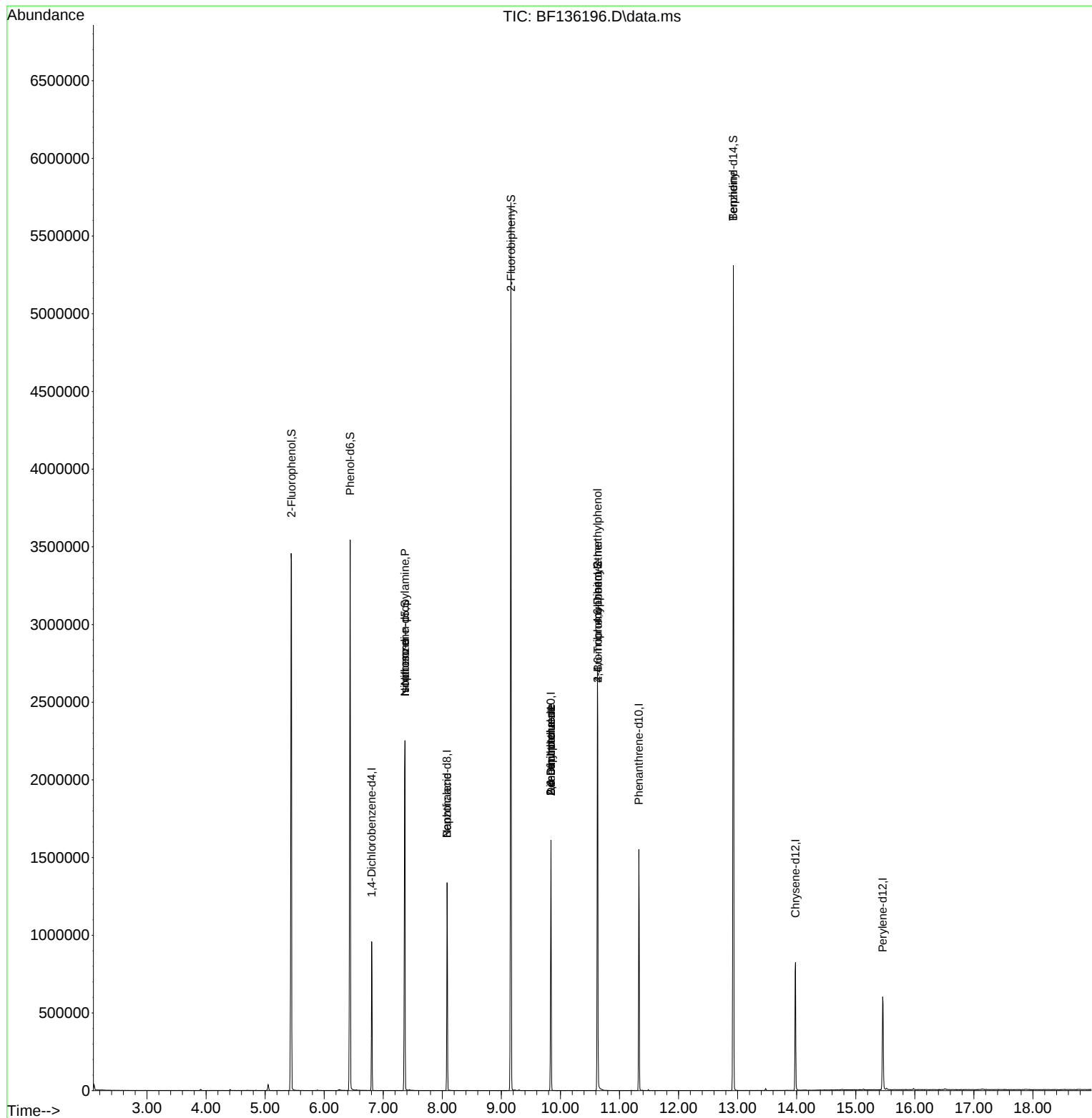
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.804  | 152  | 123073   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.081  | 136  | 538630   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.839  | 164  | 273775   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.327 | 188  | 526817   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.980 | 240  | 282720   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.457 | 264  | 275832   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 988547   | 127.892 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.439  | 99   | 1195740  | 125.716 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.369  | 82   | 751801   | 77.888  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 347774   | 121.287 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 1619788  | 87.457  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1912388  | 96.017  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.369  | 70   | 101675   | 18.518  | ng    | # 77     |
| 25) Isophorone                | 7.369  | 82   | 751794   | 45.133  | ng    | # 64     |
| 32) Benzoic acid              | 8.081  | 122  | 108      | 5.022   | ng    | # 1      |
| 50) Dimethylphthalate         | 9.839  | 163  | 59085    | 3.194   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.839  | 165  | 32653    | 8.135   | ng    | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.839  | 165  | 32653    | 6.405   | ng    | # 28     |
| 65) 4,6-Dinitro-2-methylph... | 10.627 | 198  | 732      | 4.930   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.633 | 248  | 20884    | 3.559   | ng    | # 1      |
| 77) Benzidine                 | 12.927 | 184  | 21170    | 4.324   | ng    | # 94     |
| -----                         |        |      |          |         |       |          |

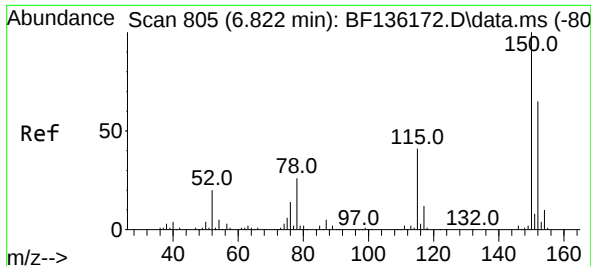
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112423\  
Data File : BF136196.D  
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Sample : PB157074TB  
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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

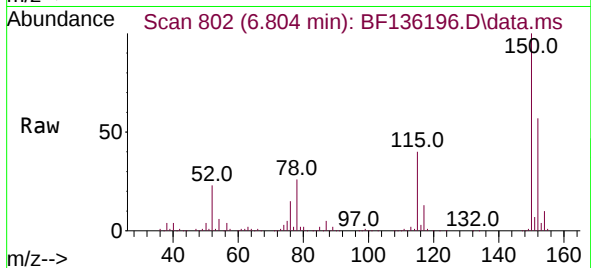
Quant Time: Nov 25 03:58:39 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 24 23:44:28 2023  
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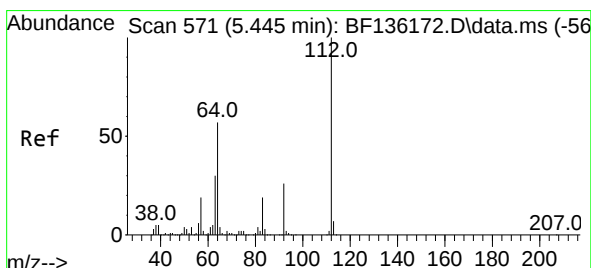
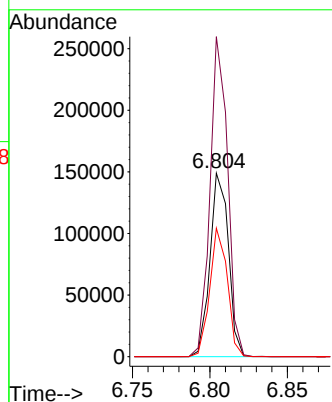
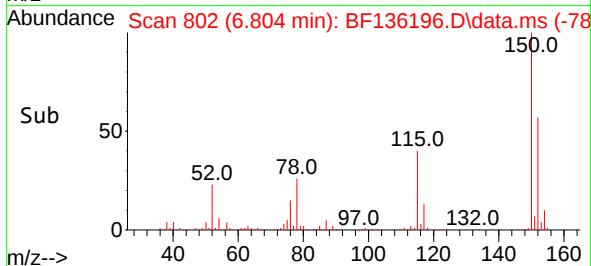


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.804 min Scan# 805  
 Delta R.T. -0.006 min  
 Lab File: BF136196.D  
 Acq: 25 Nov 2023 00:39

Instrument :  
 BNA\_F  
 ClientSampleId :

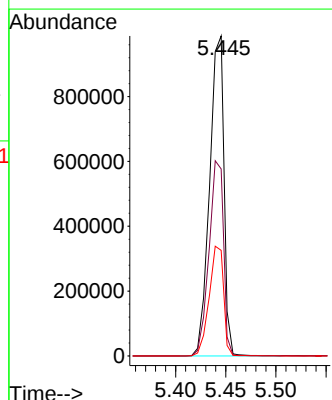
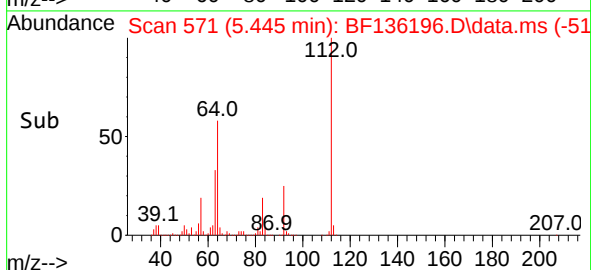
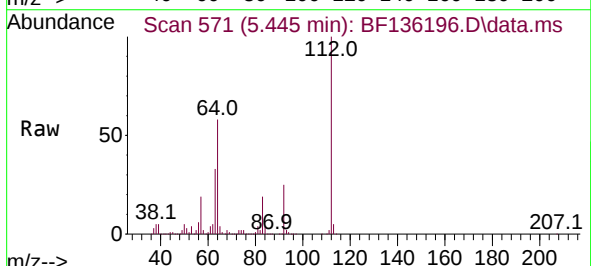


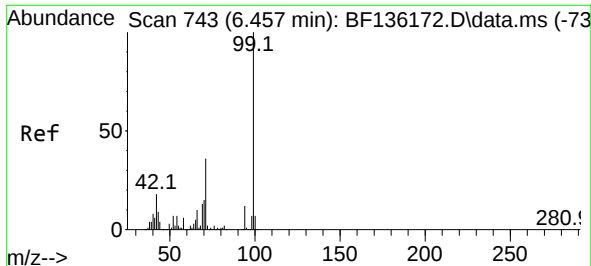
Tgt Ion:152 Resp: 123073  
 Ion Ratio Lower Upper  
 152 100  
 150 174.4 123.1 184.7  
 115 70.0 50.5 75.7



#5  
 2-Fluorophenol  
 Concen: 127.892 ng  
 RT: 5.445 min Scan# 571  
 Delta R.T. 0.011 min  
 Lab File: BF136196.D  
 Acq: 25 Nov 2023 00:39

Tgt Ion:112 Resp: 988547  
 Ion Ratio Lower Upper  
 112 100  
 64 58.4 45.4 68.0  
 63 33.0 24.4 36.6

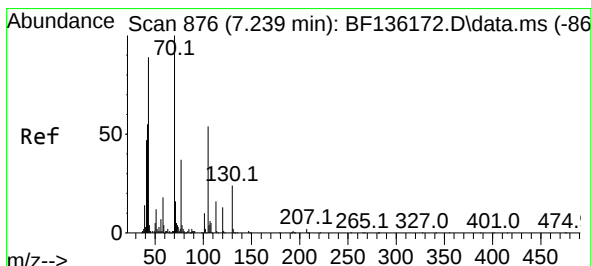
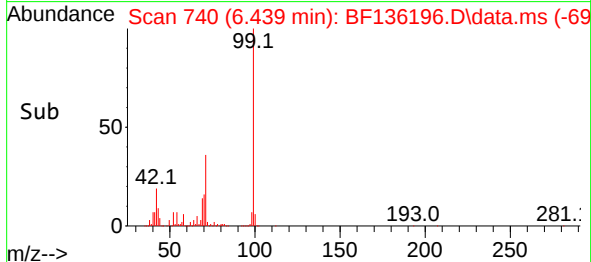
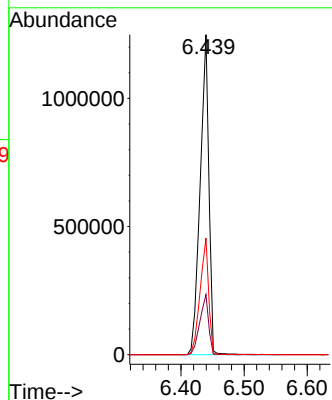
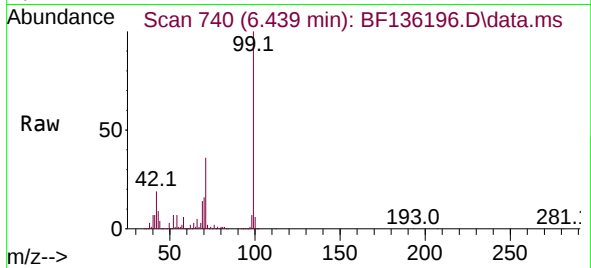




#7  
Phenol-d6  
Concen: 125.716 ng  
RT: 6.439 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF136196.D  
Acq: 25 Nov 2023 00:39

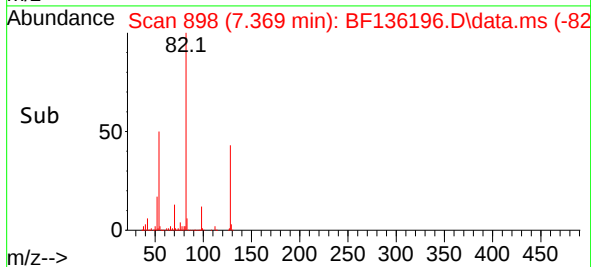
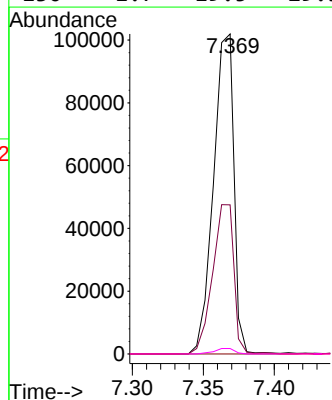
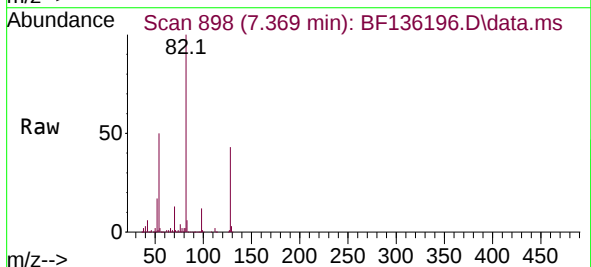
Instrument :  
BNA\_F  
ClientSampleId :

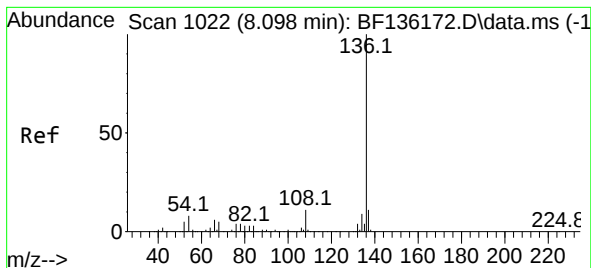
Tgt Ion: 99 Resp: 1195740  
Ion Ratio Lower Upper  
99 100  
42 18.8 14.1 21.1  
71 36.4 29.0 43.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.518 ng  
RT: 7.369 min Scan# 898  
Delta R.T. 0.147 min  
Lab File: BF136196.D  
Acq: 25 Nov 2023 00:39

Tgt Ion: 70 Resp: 101675  
Ion Ratio Lower Upper  
70 100  
42 46.6 43.9 65.9  
101 0.0 8.1 12.1#  
130 1.7 19.5 29.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.006 min

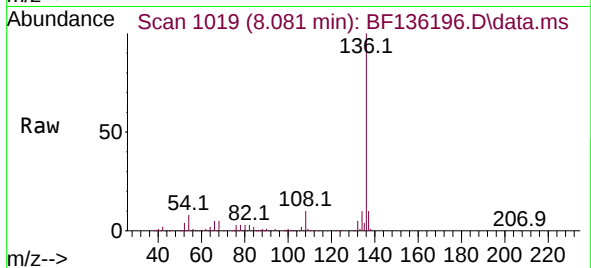
Lab File: BF136196.D

Acq: 25 Nov 2023 00:39

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:136 Resp: 538630

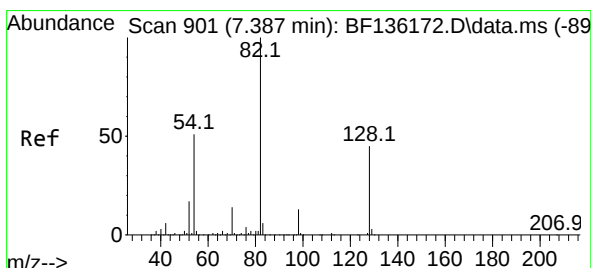
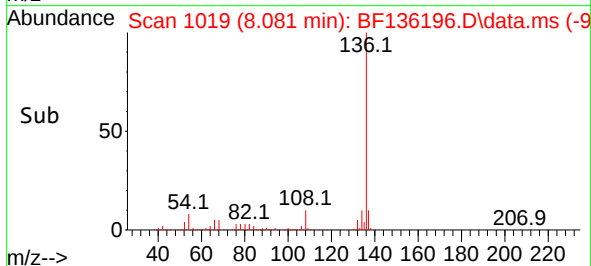
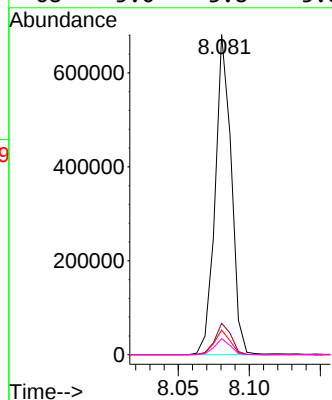
Ion Ratio Lower Upper

136 100

137 9.8 8.6 13.0

54 7.7 6.3 9.5

68 5.0 3.8 5.8



#23

Nitrobenzene-d5

Concen: 77.888 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136196.D

Acq: 25 Nov 2023 00:39

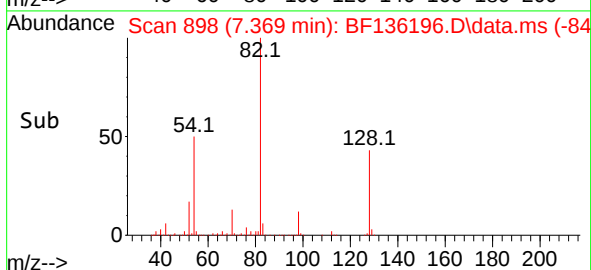
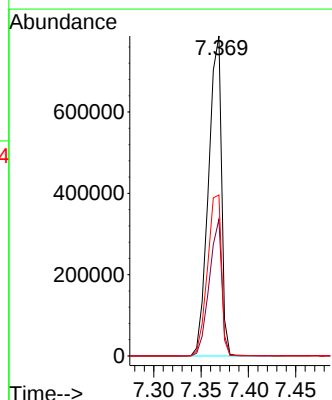
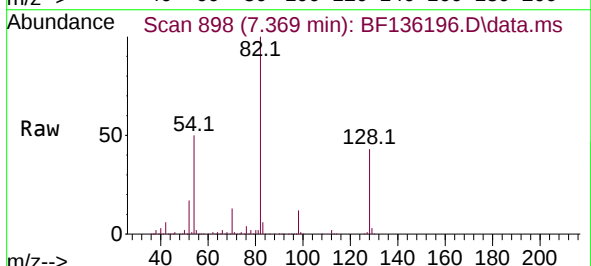
Tgt Ion: 82 Resp: 751801

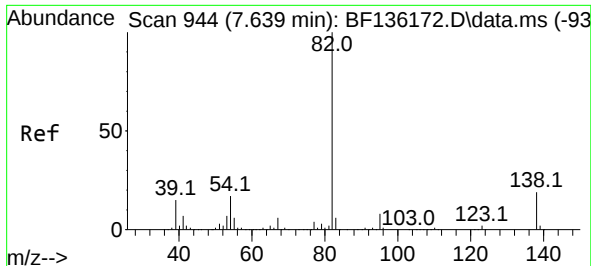
Ion Ratio Lower Upper

82 100

128 42.7 35.8 53.6

54 50.3 40.6 60.8

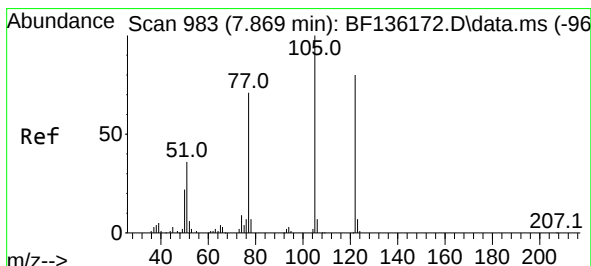
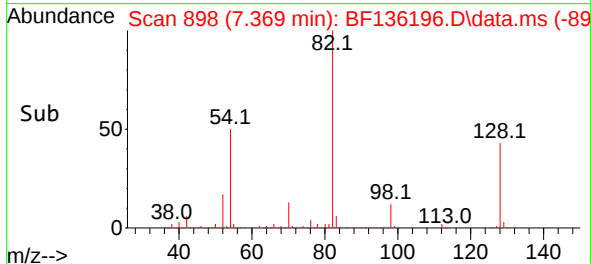
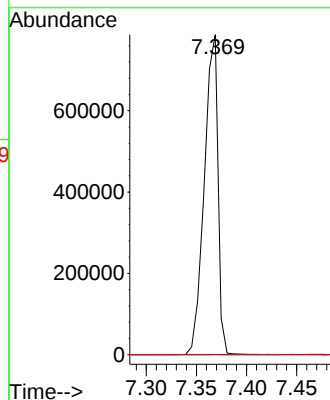
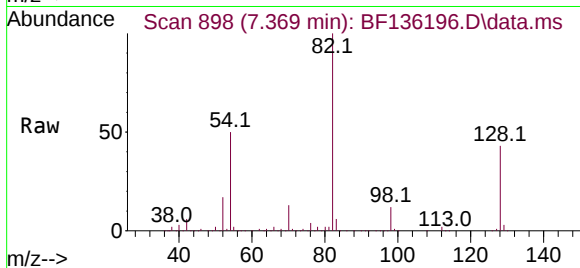




#25  
Isophorone  
Concen: 45.133 ng  
RT: 7.369 min Scan# 89  
Delta R.T. -0.259 min  
Lab File: BF136196.D  
Acq: 25 Nov 2023 00:39

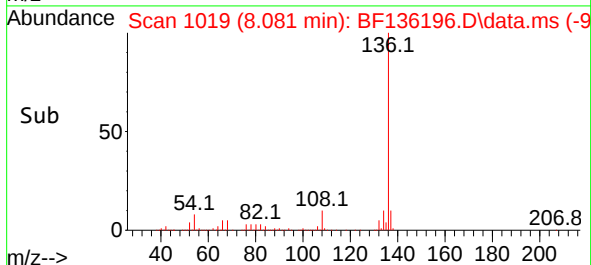
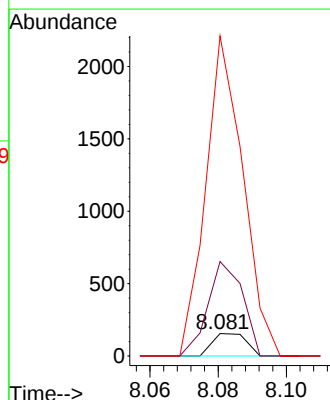
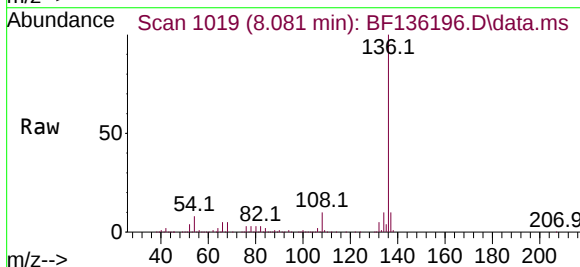
Instrument :  
BNA\_F  
ClientSampleId :

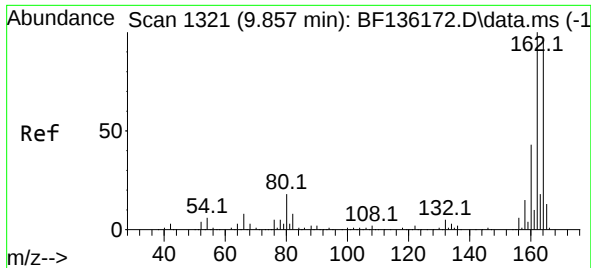
Tgt Ion: 82 Resp: 751794  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.2 9.4#  
138 0.0 14.8 22.2#



#32  
Benzoic acid  
Concen: 5.022 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. 0.223 min  
Lab File: BF136196.D  
Acq: 25 Nov 2023 00:39

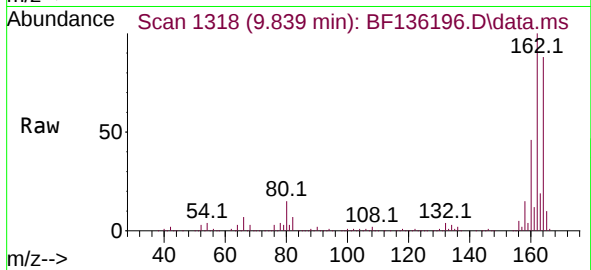
Tgt Ion:122 Resp: 108  
Ion Ratio Lower Upper  
122 100  
105 420.6 102.5 142.5#  
77 1426.5 68.1 108.1#



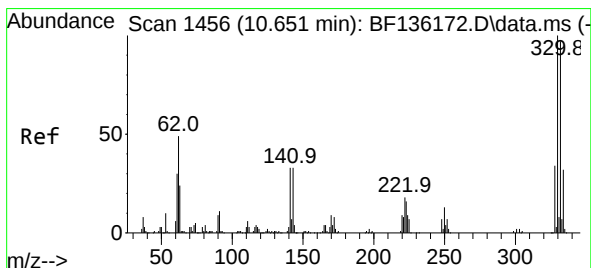
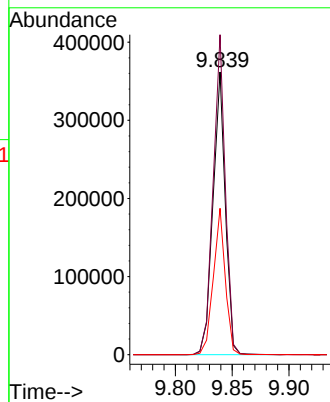
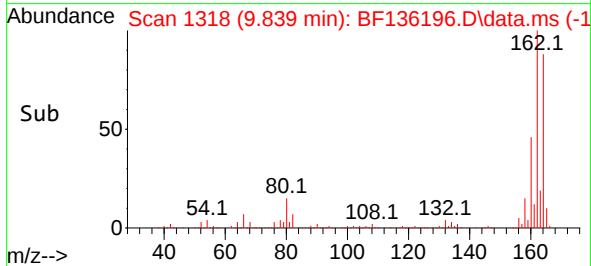


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.839 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136196.D  
Acq: 25 Nov 2023 00:39

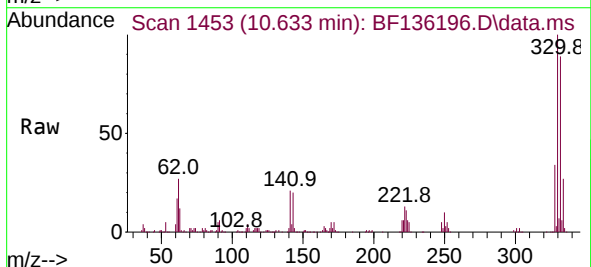
Instrument :  
BNA\_F  
ClientSampleId :



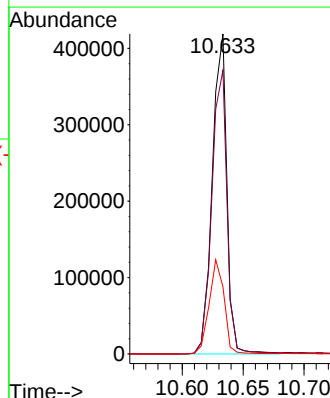
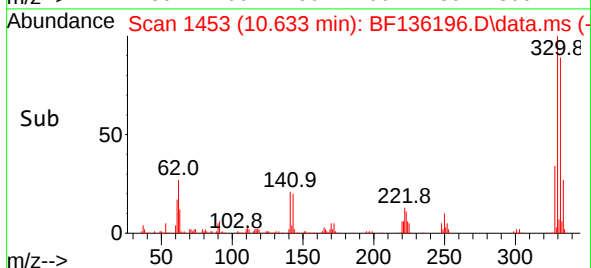
Tgt Ion:164 Resp: 273775  
Ion Ratio Lower Upper  
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162 113.2 83.2 124.8  
160 51.8 35.8 53.8

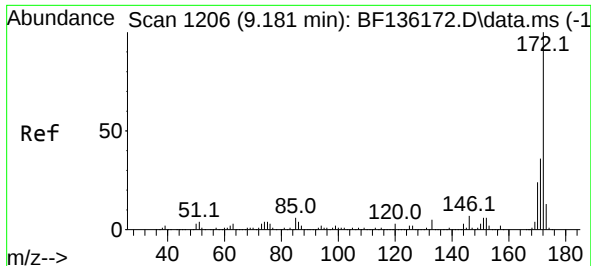


#42  
2,4,6-Tribromophenol  
Concen: 121.287 ng  
RT: 10.633 min Scan# 1453  
Delta R.T. -0.006 min  
Lab File: BF136196.D  
Acq: 25 Nov 2023 00:39



Tgt Ion:330 Resp: 347774  
Ion Ratio Lower Upper  
330 100  
332 93.2 77.6 116.4  
141 30.3 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 87.457 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

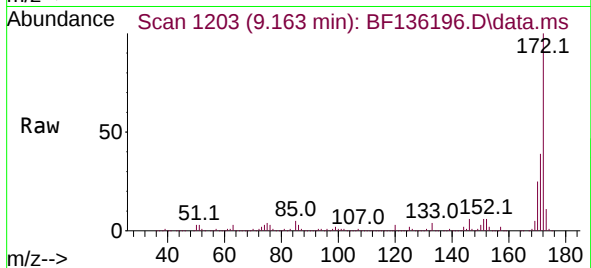
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Instrument :

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ClientSampleId :



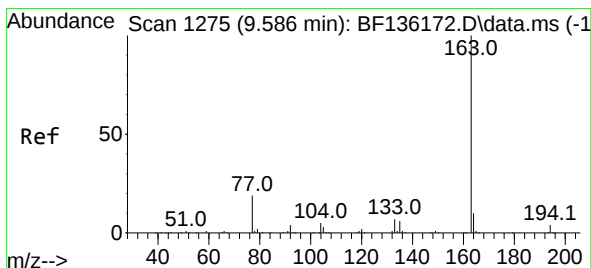
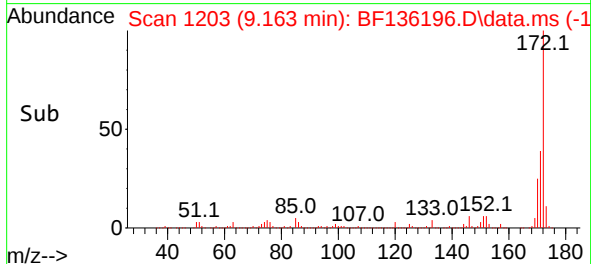
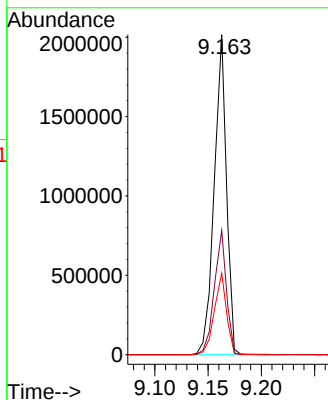
Tgt Ion:172 Resp: 1619788

Ion Ratio Lower Upper

172 100

171 38.8 28.9 43.3

170 25.5 19.1 28.7



#50

Dimethylphthalate

Concen: 3.194 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.264 min

Lab File: BF136196.D

Acq: 25 Nov 2023 00:39

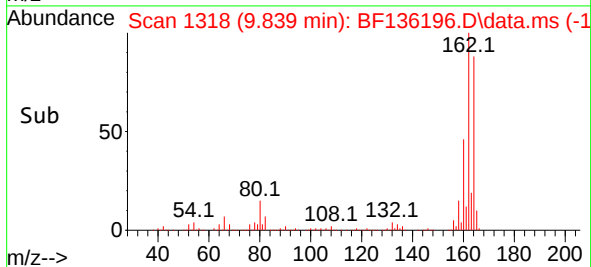
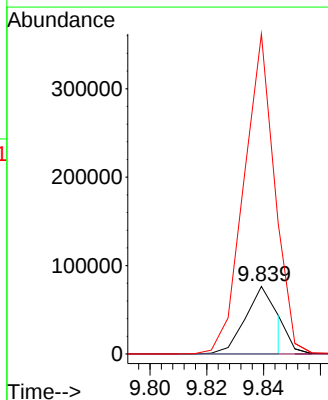
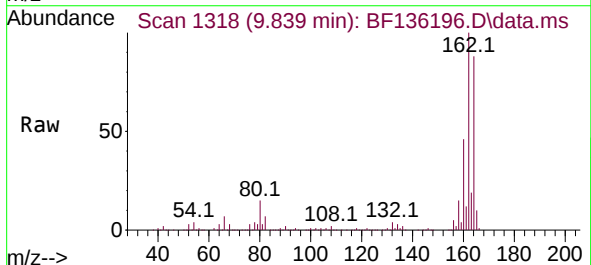
Tgt Ion:163 Resp: 59085

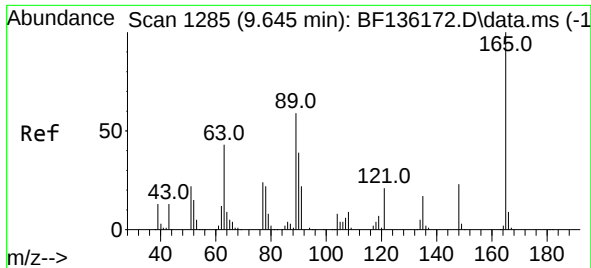
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 473.7 7.8 11.8#

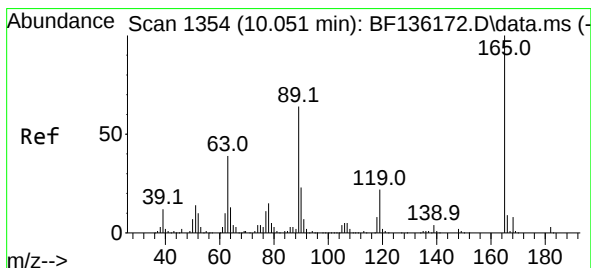
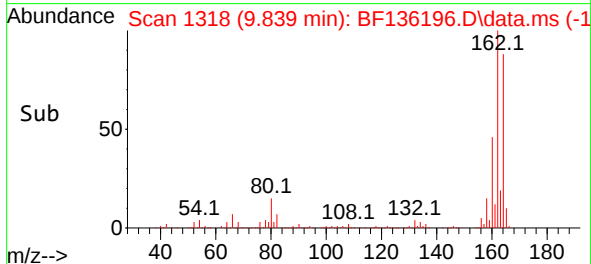
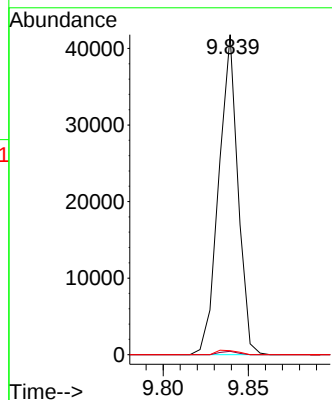
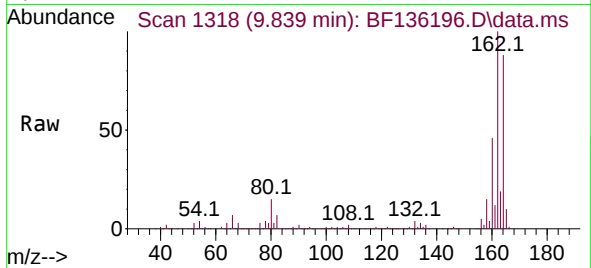




#51  
2,6-Dinitrotoluene  
Concen: 8.135 ng  
RT: 9.839 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF136196.D  
Acq: 25 Nov 2023 00:39

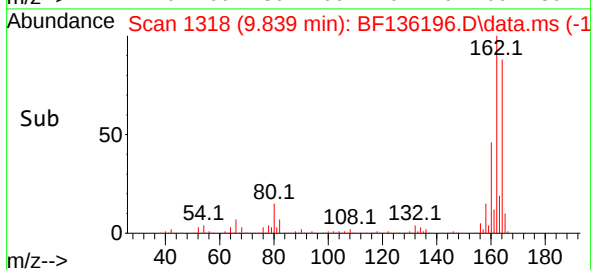
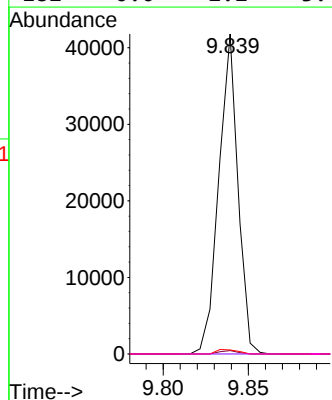
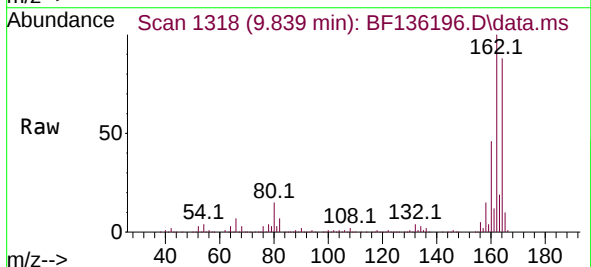
Instrument :  
BNA\_F  
ClientSampleId :

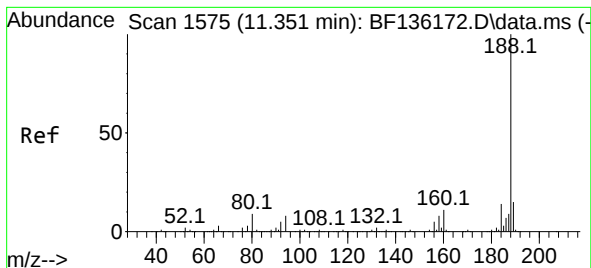
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Ion Ratio Lower Upper  
165 100  
63 1.1 48.0 72.0#  
89 1.2 47.2 70.8#



#57  
2,4-Dinitrotoluene  
Concen: 6.405 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. -0.200 min  
Lab File: BF136196.D  
Acq: 25 Nov 2023 00:39

Tgt Ion:165 Resp: 32653  
Ion Ratio Lower Upper  
165 100  
63 1.1 31.4 47.0#  
89 1.2 51.6 77.4#  
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136196.D

Acq: 25 Nov 2023 00:39

Instrument :

BNA\_F

ClientSampleId :

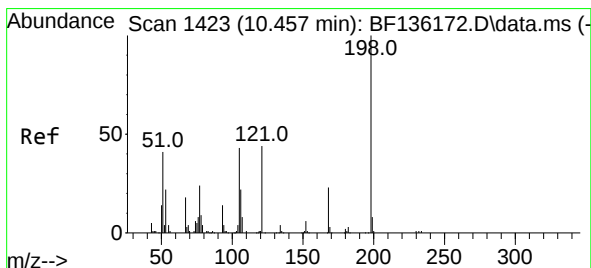
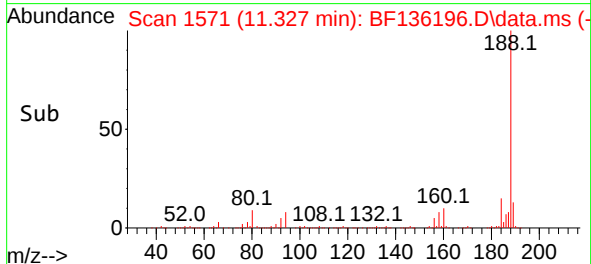
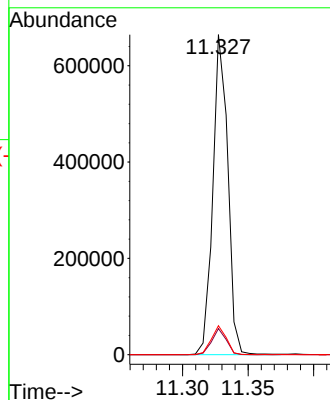
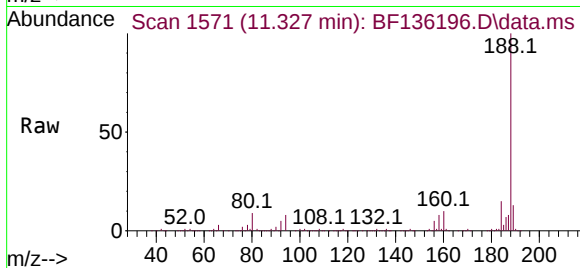
Tgt Ion:188 Resp: 526817

Ion Ratio Lower Upper

188 100

94 8.2 6.6 9.8

80 9.1 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.930 ng

RT: 10.627 min Scan# 1452

Delta R.T. 0.182 min

Lab File: BF136196.D

Acq: 25 Nov 2023 00:39

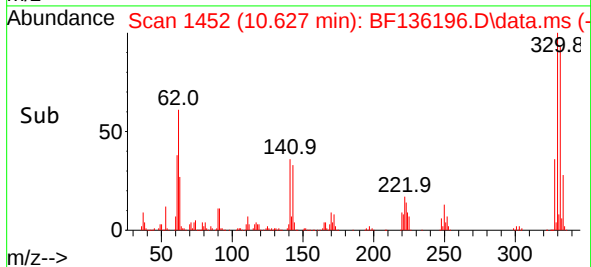
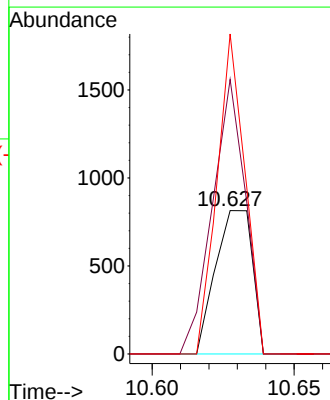
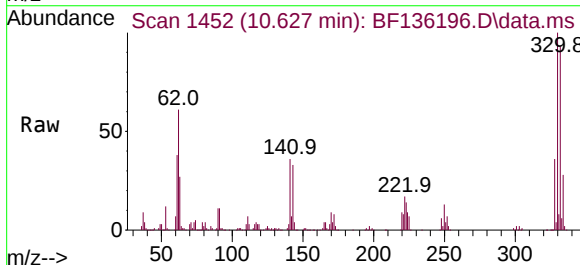
Tgt Ion:198 Resp: 732

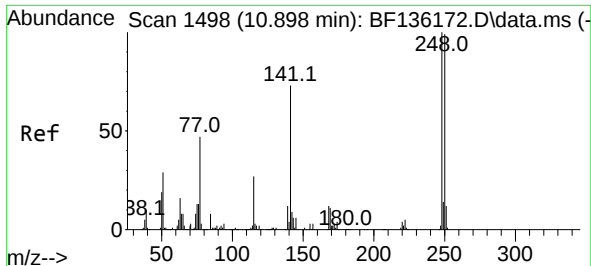
Ion Ratio Lower Upper

198 100

51 191.6 27.3 67.3#

105 223.3 24.2 64.2#

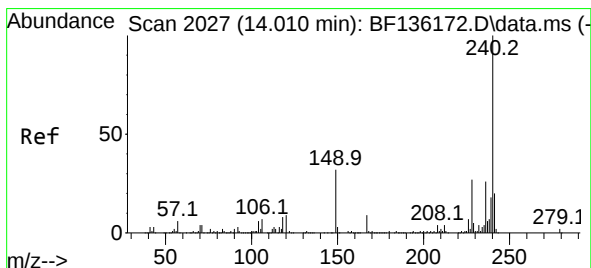
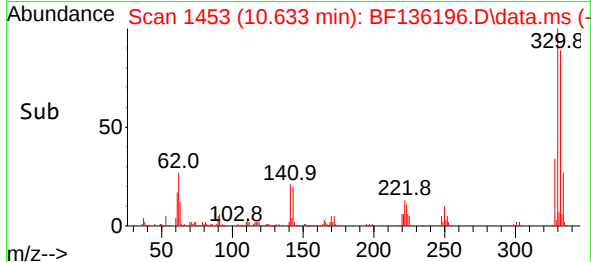
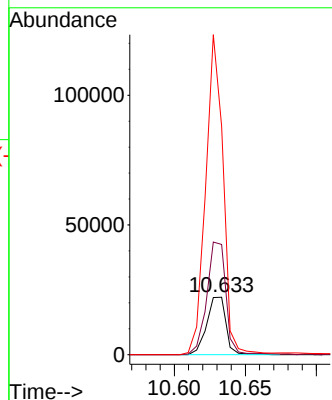
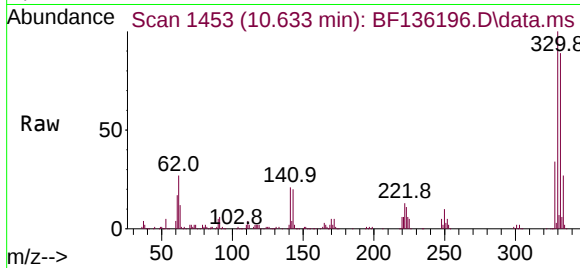




#67  
4-Bromophenyl-phenylether  
Concen: 3.559 ng  
RT: 10.633 min Scan# 1498  
Delta R.T. -0.253 min  
Lab File: BF136196.D  
Acq: 25 Nov 2023 00:39

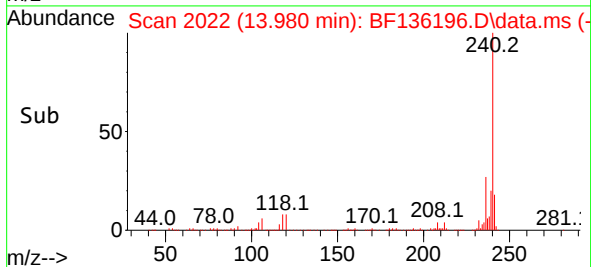
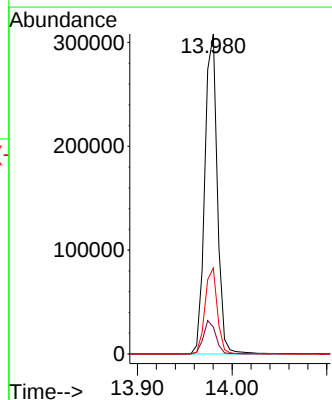
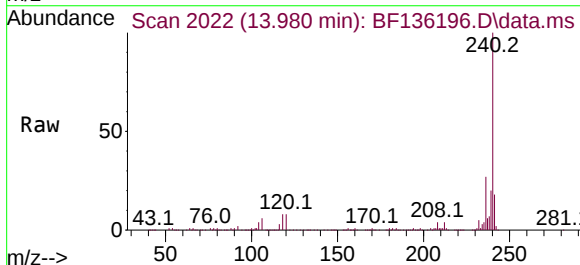
Instrument :  
BNA\_F  
ClientSampleId :

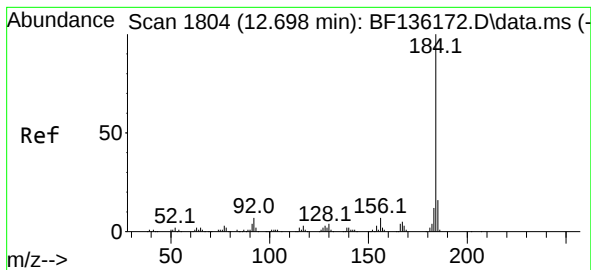
Tgt Ion:248 Resp: 20884  
Ion Ratio Lower Upper  
248 100  
250 191.7 79.0 118.4#  
141 397.2 58.8 88.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF136196.D  
Acq: 25 Nov 2023 00:39

Tgt Ion:240 Resp: 282720  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.1 10.7  
236 26.9 20.9 31.3





#77

Benzidine

Concen: 4.324 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.247 min

Lab File: BF136196.D

Acq: 25 Nov 2023 00:39

Instrument :

BNA\_F

ClientSampleId :

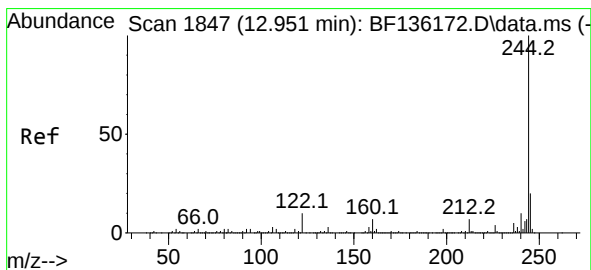
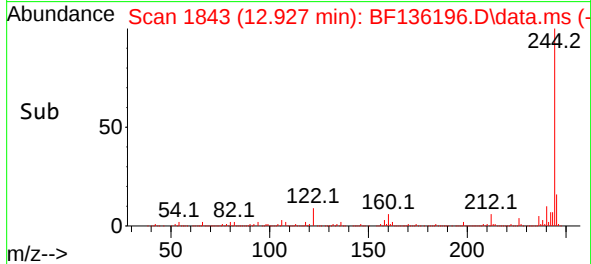
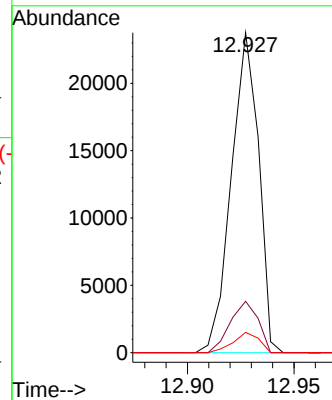
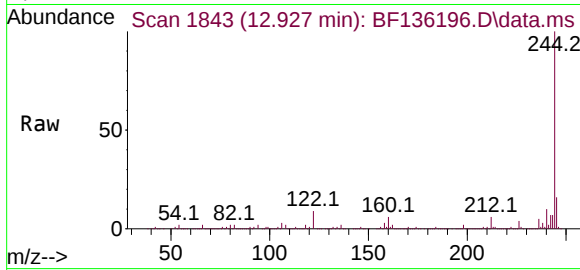
Tgt Ion:184 Resp: 21170

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

183 6.3 9.2 13.8#



#79

Terphenyl-d14

Concen: 96.017 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136196.D

Acq: 25 Nov 2023 00:39

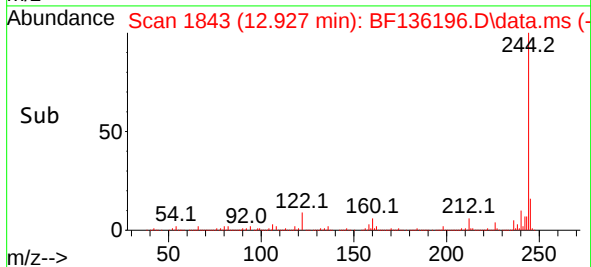
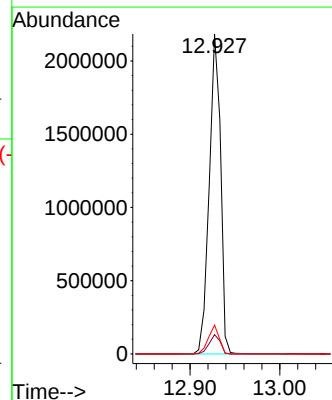
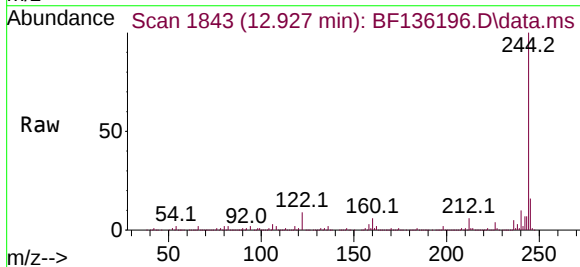
Tgt Ion:244 Resp: 1912388

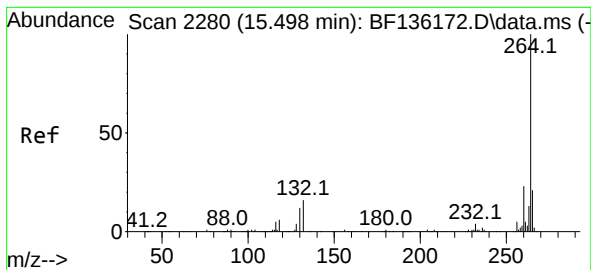
Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

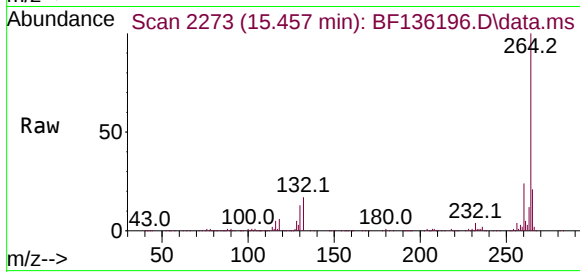
122 9.1 8.1 12.1





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.457 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF136196.D  
Acq: 25 Nov 2023 00:39

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:264 Resp: 275832  
Ion Ratio Lower Upper  
264 100  
260 24.3 18.5 27.7  
265 21.0 16.9 25.3

