

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051324\  
 Data File : BF137905.D  
 Acq On : 13 May 2024 16:24  
 Operator : CG\JU  
 Sample : P2432-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SW-01-011

Quant Time: May 13 16:56:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:25:08 2024  
 Response via : Initial Calibration

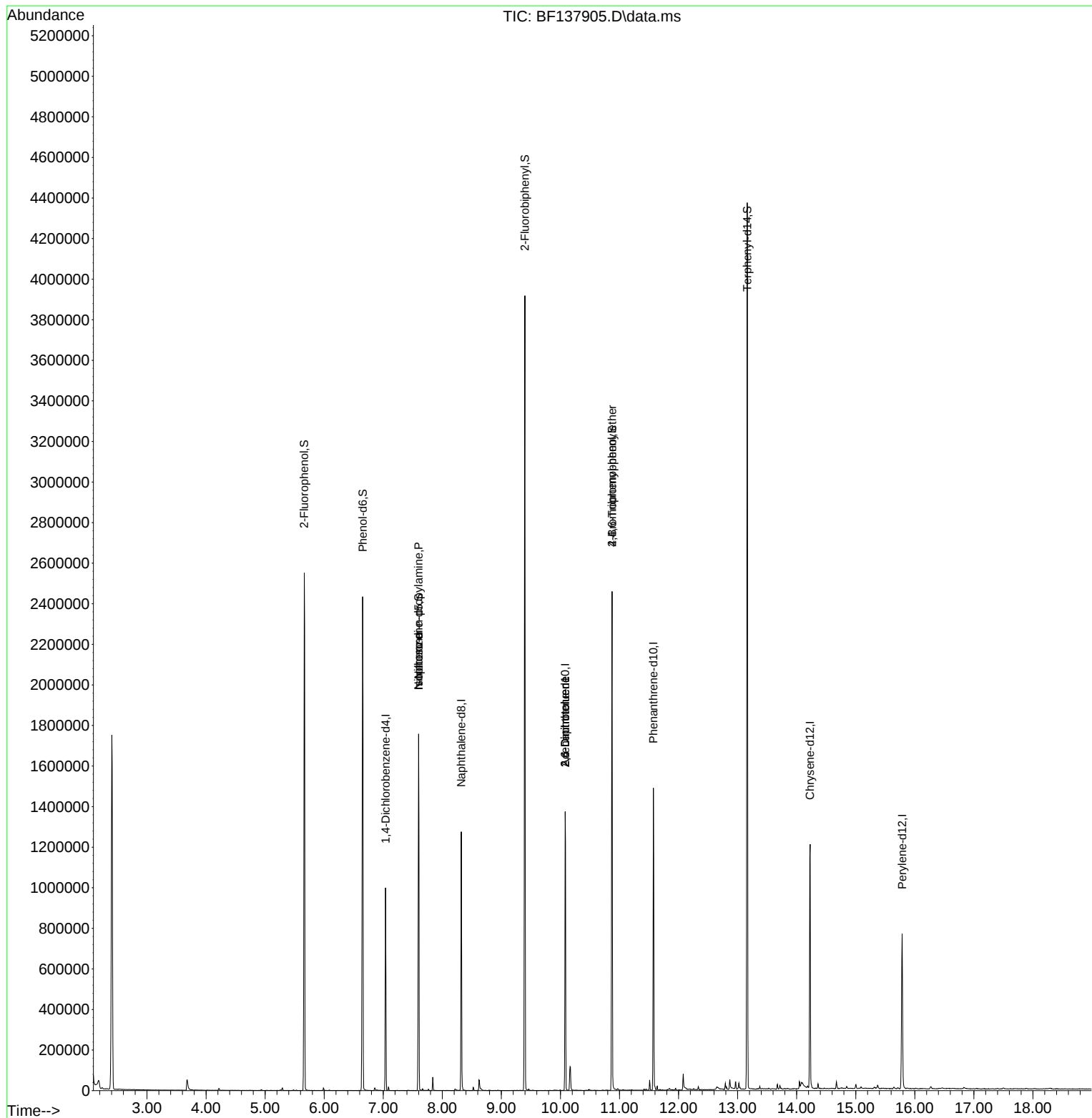
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.039  | 152  | 131705   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 8.322  | 136  | 510381   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 10.080 | 164  | 293893   | 20.000  | ng    | -0.03    |
| 64) Phenanthrene-d10          | 11.574 | 188  | 539077   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 14.227 | 240  | 420611   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 15.786 | 264  | 360817   | 20.000  | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.663  | 112  | 770424   | 97.940  | ng    | -0.01    |
| 7) Phenol-d6                  | 6.651  | 99   | 959923   | 96.207  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.598  | 82   | 563856   | 64.185  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.874 | 330  | 302640   | 100.856 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.398  | 172  | 1186124  | 65.477  | ng    | -0.02    |
| 79) Terphenyl-d14             | 13.162 | 244  | 1532296  | 61.052  | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.598  | 70   | 73279    | 12.289  | ng    | # 77     |
| 25) Isophorone                | 7.598  | 82   | 563847   | 35.599  | ng    | # 64     |
| 51) 2,6-Dinitrotoluene        | 10.080 | 165  | 38140    | 8.995   | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 10.080 | 165  | 38140    | 6.885   | ng    | # 26     |
| 67) 4-Bromophenyl-phenylether | 10.874 | 248  | 20631    | 3.576   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

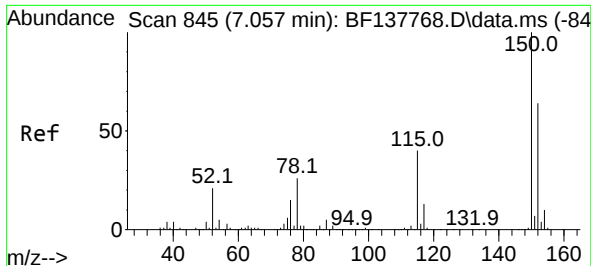
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051324\  
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Quant Time: May 13 16:56:44 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 03:25:08 2024  
Response via : Initial Calibration

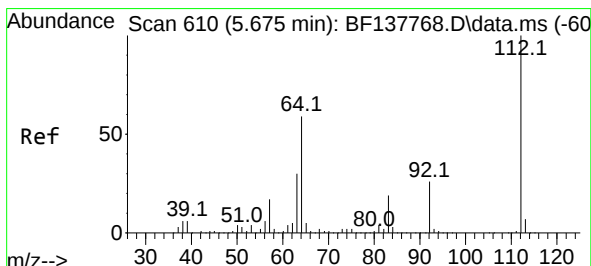
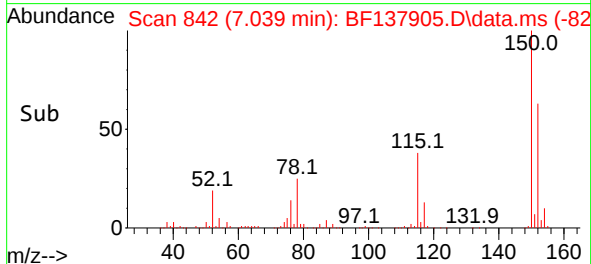
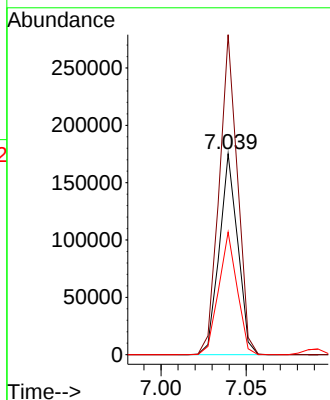
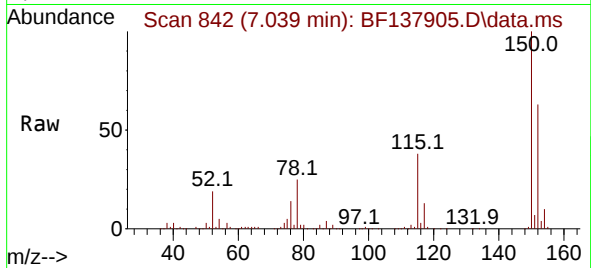




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.039 min Scan# 84  
Delta R.T. -0.018 min  
Lab File: BF137905.D  
Acq: 13 May 2024 16:24

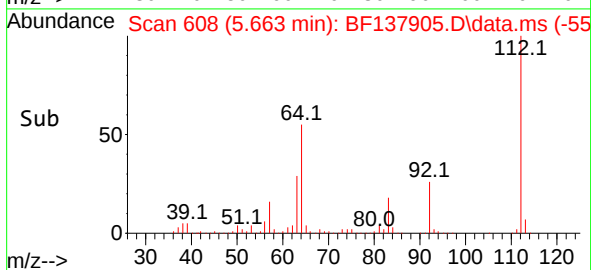
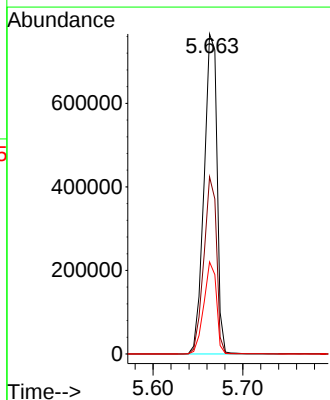
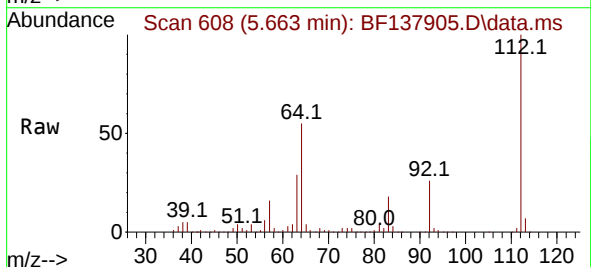
Instrument :  
BNA\_F  
ClientSampleId :  
SW-01-011

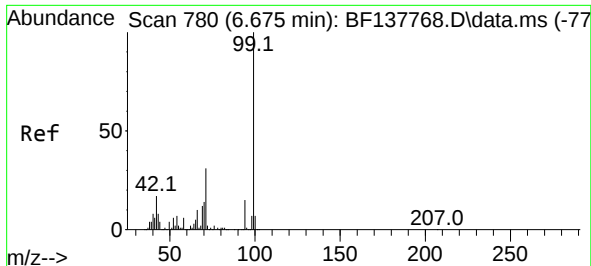
Tgt Ion:152 Resp: 131705  
Ion Ratio Lower Upper  
152 100  
150 159.2 124.1 186.1  
115 61.0 49.1 73.7



#5  
2-Fluorophenol  
Concen: 97.940 ng  
RT: 5.663 min Scan# 608  
Delta R.T. -0.012 min  
Lab File: BF137905.D  
Acq: 13 May 2024 16:24

Tgt Ion:112 Resp: 770424  
Ion Ratio Lower Upper  
112 100  
64 55.4 47.3 70.9  
63 28.8 23.7 35.5

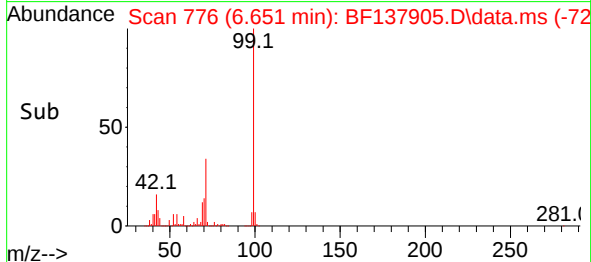
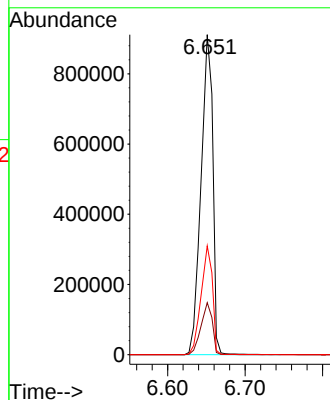
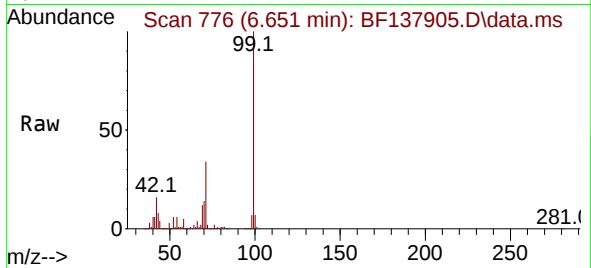




#7  
Phenol-d6  
Concen: 96.207 ng  
RT: 6.651 min Scan# 71  
Delta R.T. -0.024 min  
Lab File: BF137905.D  
Acq: 13 May 2024 16:24

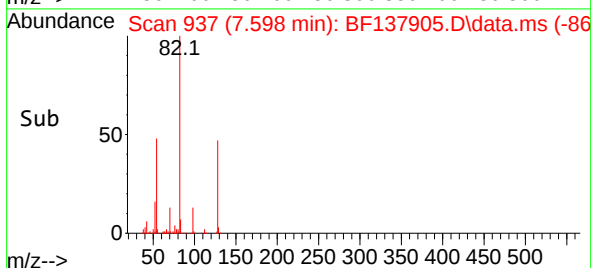
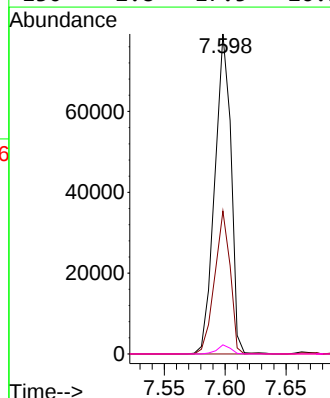
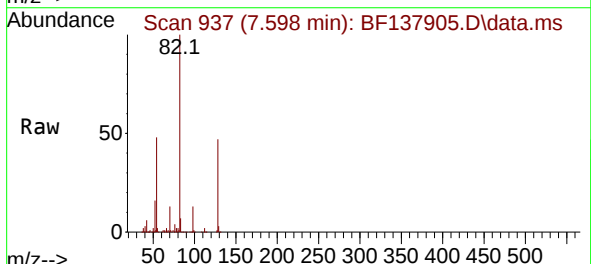
Instrument :  
BNA\_F  
ClientSampleId :  
SW-01-011

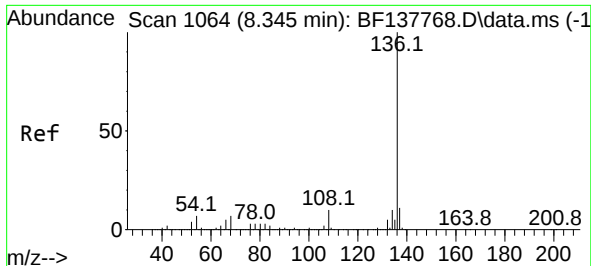
Tgt Ion: 99 Resp: 959923  
Ion Ratio Lower Upper  
99 100  
42 16.2 13.2 19.8  
71 34.0 25.0 37.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.289 ng  
RT: 7.598 min Scan# 937  
Delta R.T. 0.135 min  
Lab File: BF137905.D  
Acq: 13 May 2024 16:24

Tgt Ion: 70 Resp: 73279  
Ion Ratio Lower Upper  
70 100  
42 44.6 44.6 66.8  
101 0.0 7.8 11.6#  
130 2.8 17.5 26.3#

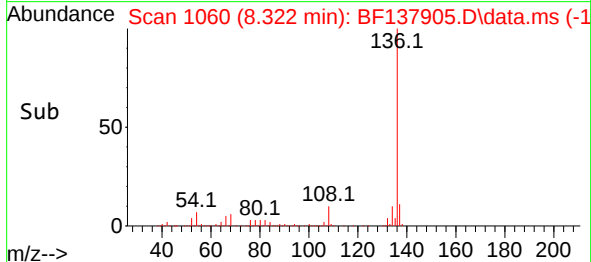
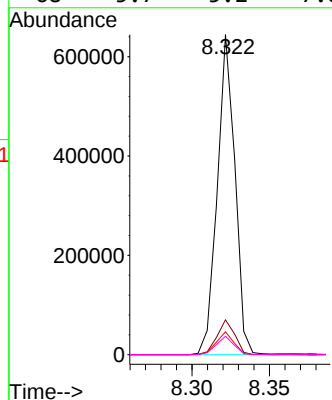
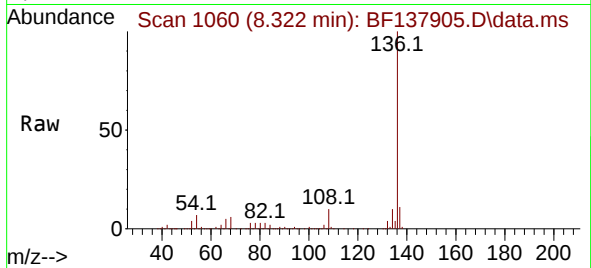




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.322 min Scan# 1060  
Delta R.T. -0.024 min  
Lab File: BF137905.D  
Acq: 13 May 2024 16:24

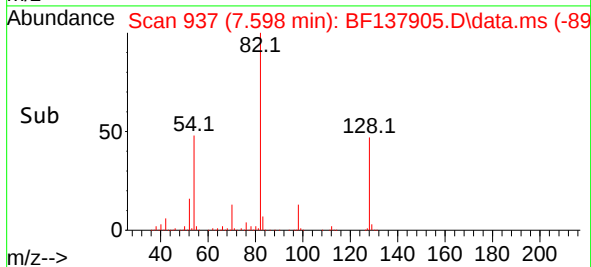
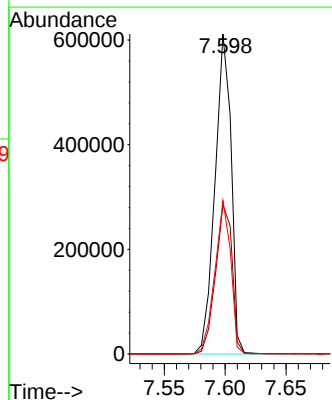
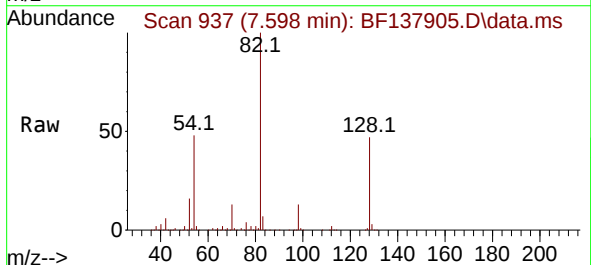
Instrument :  
BNA\_F  
ClientSampleId :  
SW-01-011

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 510381 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.8   | 13.2   |
| 54       | 7.2   | 5.8   | 8.8    |
| 68       | 5.7   | 5.2   | 7.8    |



#23  
Nitrobenzene-d5  
Concen: 64.185 ng  
RT: 7.598 min Scan# 937  
Delta R.T. -0.024 min  
Lab File: BF137905.D  
Acq: 13 May 2024 16:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 563856 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 46.6  | 37.5  | 56.3   |
| 54       | 48.0  | 39.8  | 59.6   |

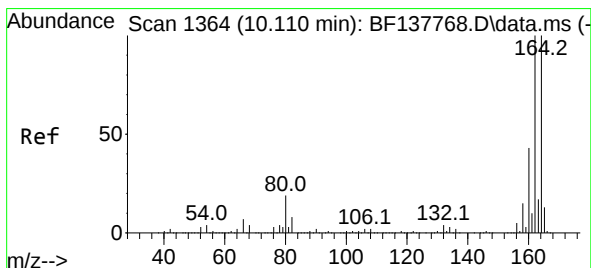
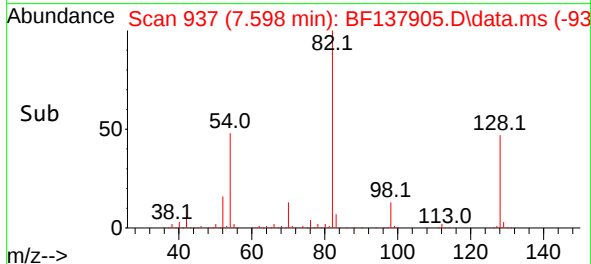
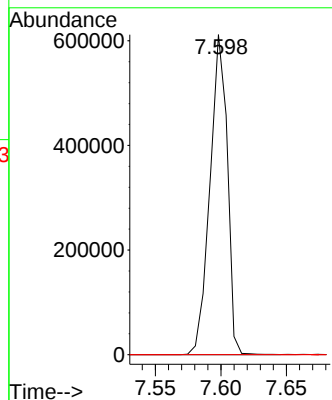
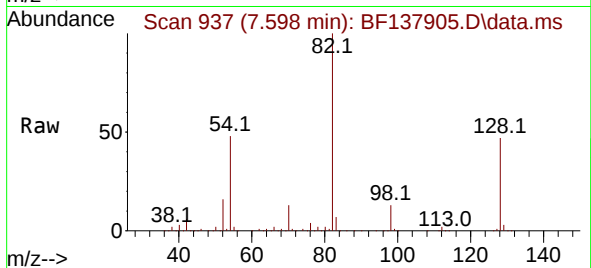




#25  
Isophorone  
Concen: 35.599 ng  
RT: 7.598 min Scan# 91  
Delta R.T. -0.277 min  
Lab File: BF137905.D  
Acq: 13 May 2024 16:24

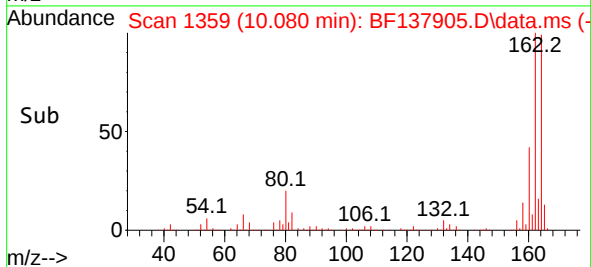
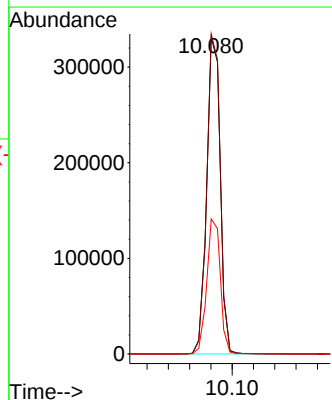
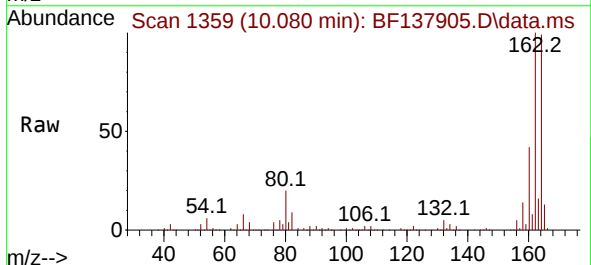
Instrument :  
BNA\_F  
ClientSampleId :  
SW-01-011

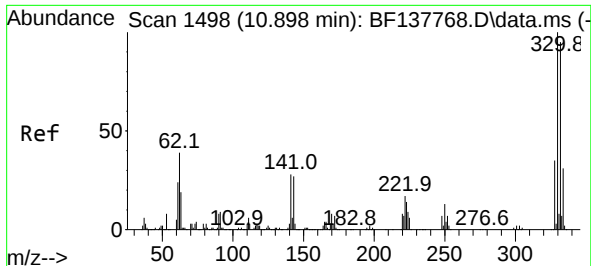
Tgt Ion: 82 Resp: 563847  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 15.0 22.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.080 min Scan# 1359  
Delta R.T. -0.030 min  
Lab File: BF137905.D  
Acq: 13 May 2024 16:24

Tgt Ion:164 Resp: 293893  
Ion Ratio Lower Upper  
164 100  
162 101.1 79.8 119.6  
160 42.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 100.856 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.024 min

Lab File: BF137905.D

Acq: 13 May 2024 16:24

Instrument :

BNA\_F

ClientSampleId :

SW-01-011

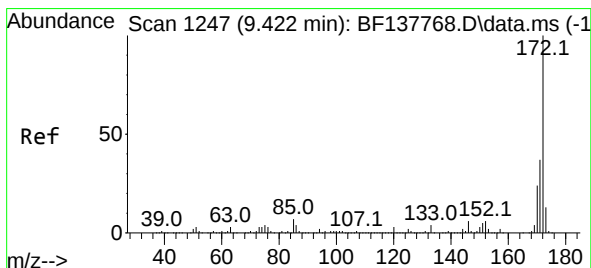
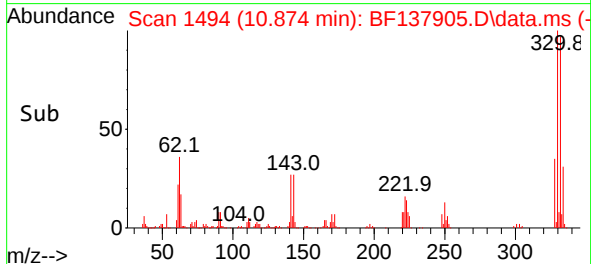
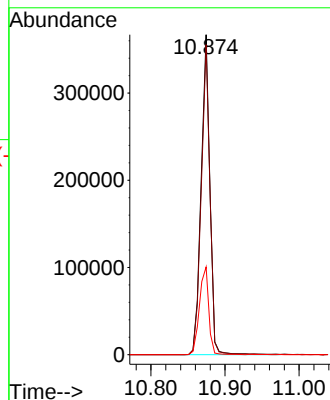
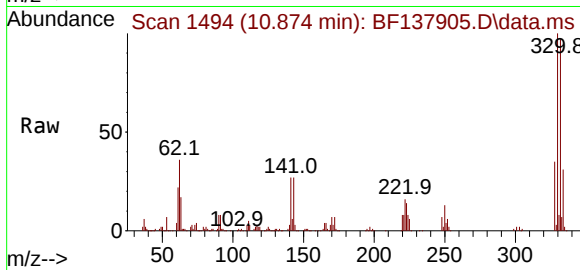
Tgt Ion:330 Resp: 302640

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 29.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 65.477 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.024 min

Lab File: BF137905.D

Acq: 13 May 2024 16:24

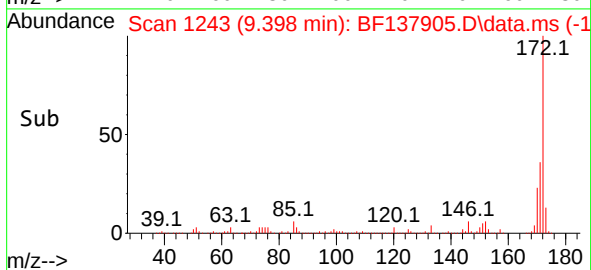
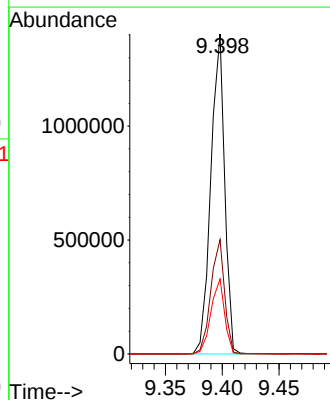
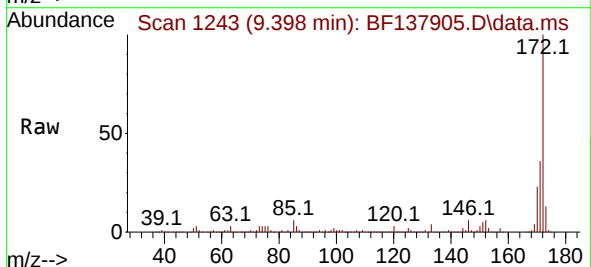
Tgt Ion:172 Resp: 1186124

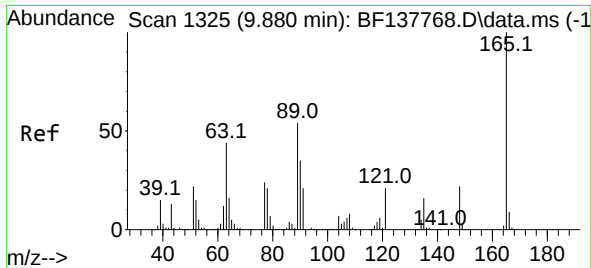
Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 23.4 19.4 29.2

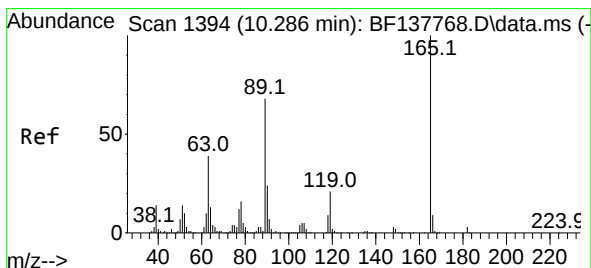
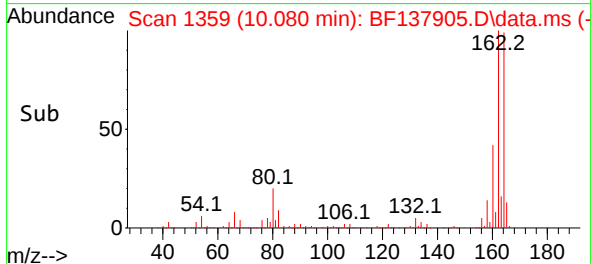
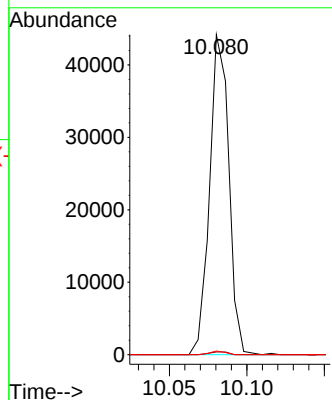
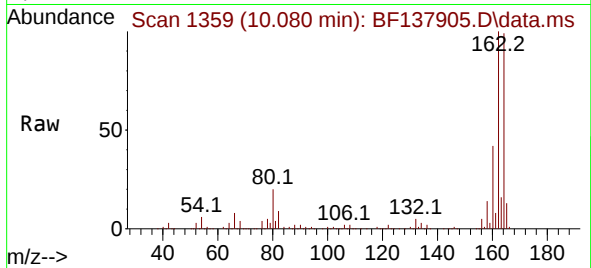




#51  
2,6-Dinitrotoluene  
Concen: 8.995 ng  
RT: 10.080 min Scan# 1325  
Delta R.T. 0.200 min  
Lab File: BF137905.D  
Acq: 13 May 2024 16:24

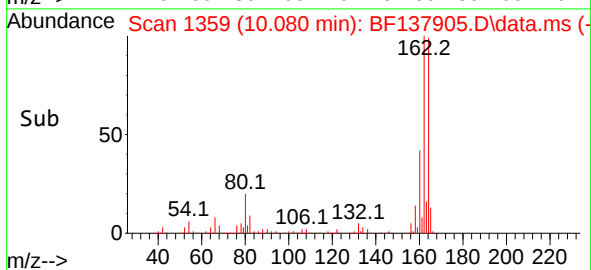
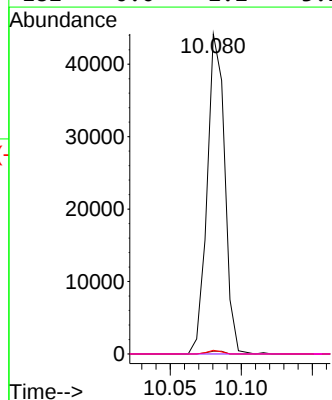
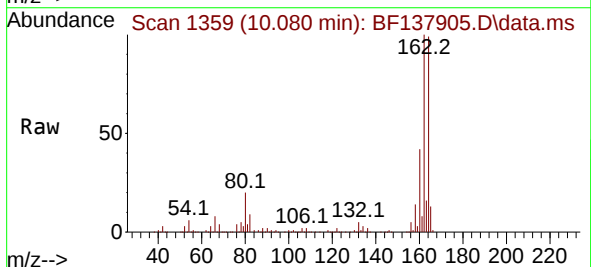
Instrument :  
BNA\_F  
ClientSampleId :  
SW-01-011

Tgt Ion:165 Resp: 38140  
Ion Ratio Lower Upper  
165 100  
63 0.9 41.9 62.9#  
89 1.2 43.2 64.8#



#57  
2,4-Dinitrotoluene  
Concen: 6.885 ng  
RT: 10.080 min Scan# 1359  
Delta R.T. -0.206 min  
Lab File: BF137905.D  
Acq: 13 May 2024 16:24

Tgt Ion:165 Resp: 38140  
Ion Ratio Lower Upper  
165 100  
63 0.9 31.3 46.9#  
89 1.2 54.2 81.4#  
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.024 min

Lab File: BF137905.D

Acq: 13 May 2024 16:24

Instrument :

BNA\_F

ClientSampleId :

SW-01-011

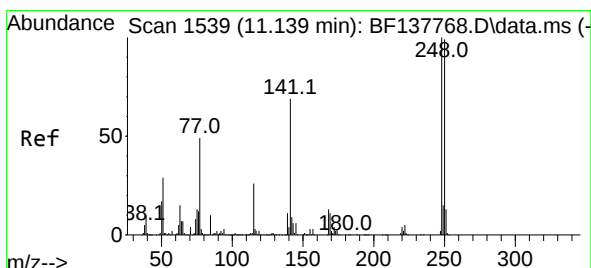
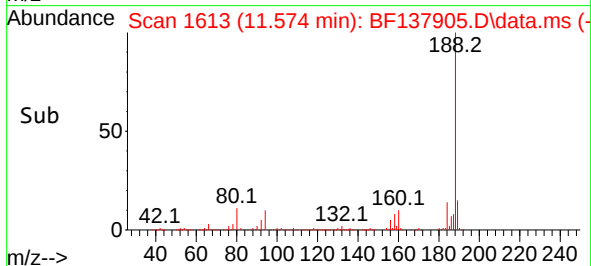
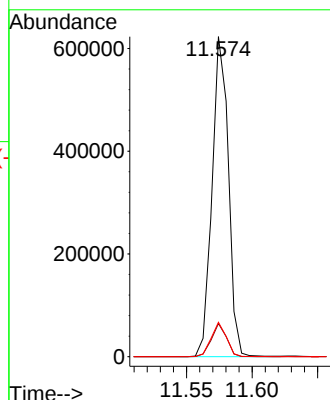
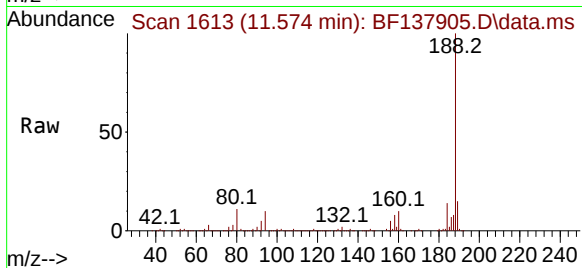
Tgt Ion:188 Resp: 539077

Ion Ratio Lower Upper

188 100

94 10.4 8.8 13.2

80 10.7 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 3.576 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.265 min

Lab File: BF137905.D

Acq: 13 May 2024 16:24

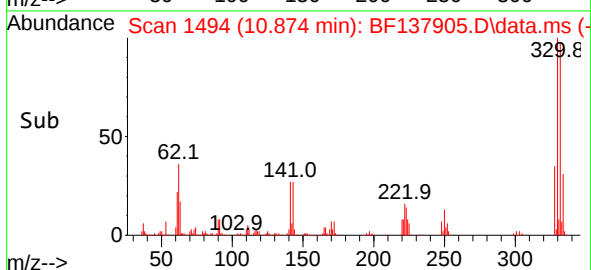
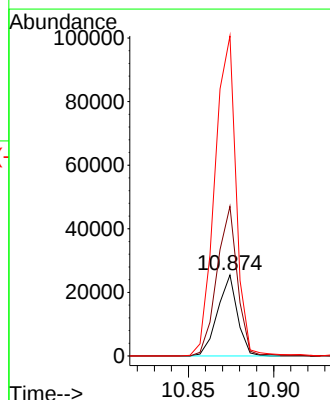
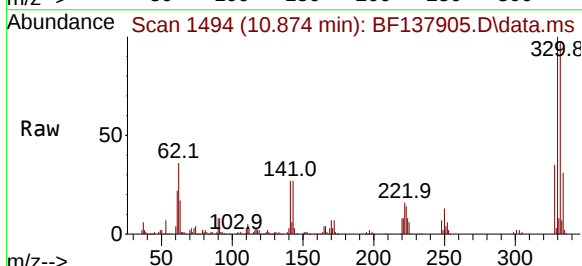
Tgt Ion:248 Resp: 20631

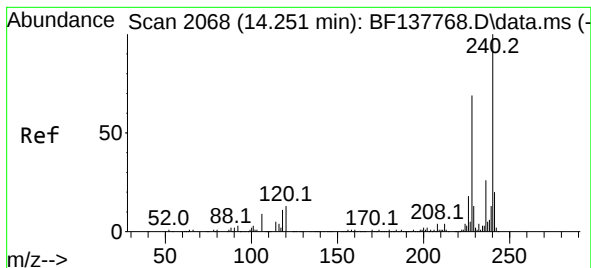
Ion Ratio Lower Upper

248 100

250 184.6 79.1 118.7#

141 394.9 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. -0.024 min

Lab File: BF137905.D

Acq: 13 May 2024 16:24

Instrument :

BNA\_F

ClientSampleId :

SW-01-011

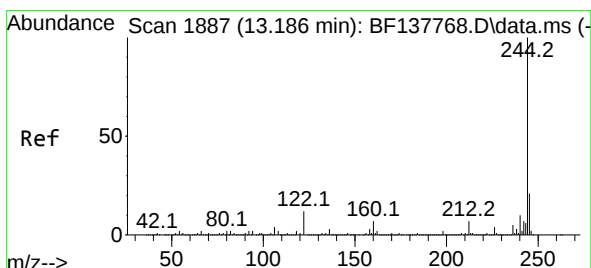
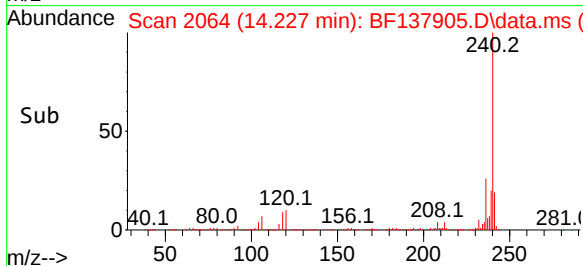
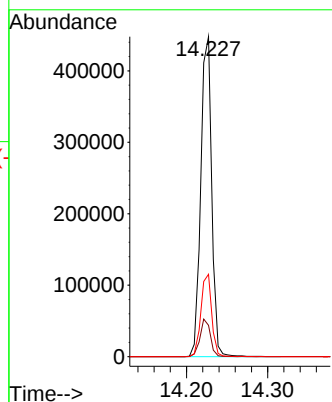
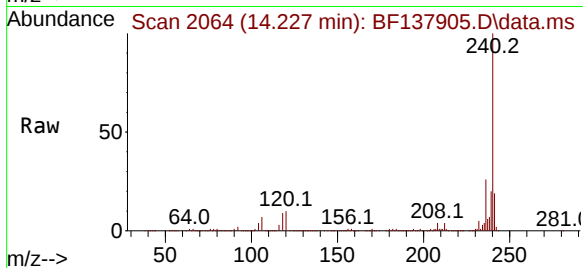
Tgt Ion:240 Resp: 420611

Ion Ratio Lower Upper

240 100

120 9.8 10.4 15.6#

236 25.7 20.4 30.6



#79

Terphenyl-d14

Concen: 61.052 ng

RT: 13.162 min Scan# 1883

Delta R.T. -0.024 min

Lab File: BF137905.D

Acq: 13 May 2024 16:24

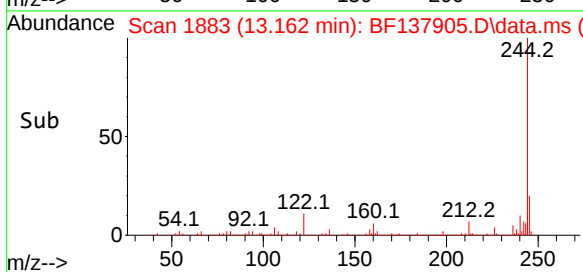
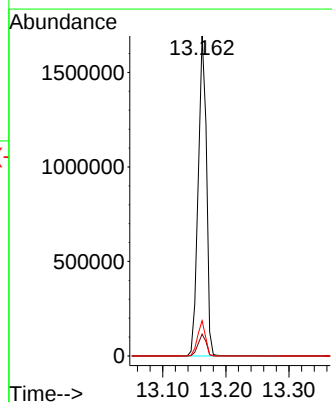
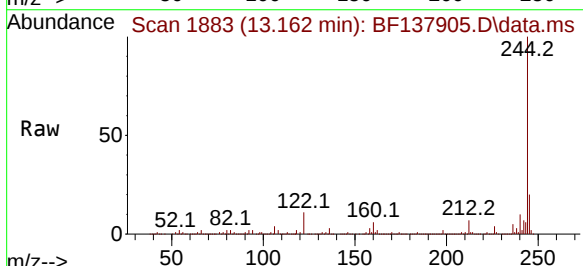
Tgt Ion:244 Resp: 1532296

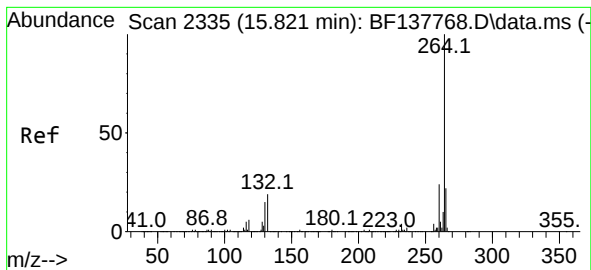
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.0 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF137905.D

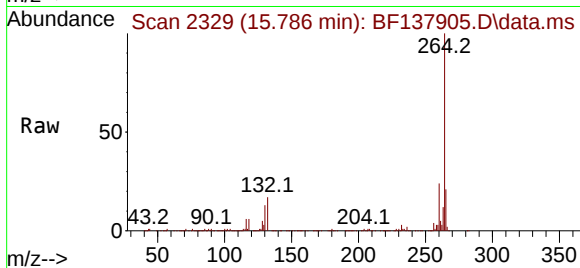
Acq: 13 May 2024 16:24

Instrument :

BNA\_F

ClientSampleId :

SW-01-011



Tgt Ion:264 Resp: 360817

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 20.5 17.4 26.0

