

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF013123\  
 Data File : BF132234.D  
 Acq On : 31 Jan 2023 15:52  
 Operator : CG\JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Feb 01 04:46:55 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 01 04:46:24 2023  
 Response via : Initial Calibration

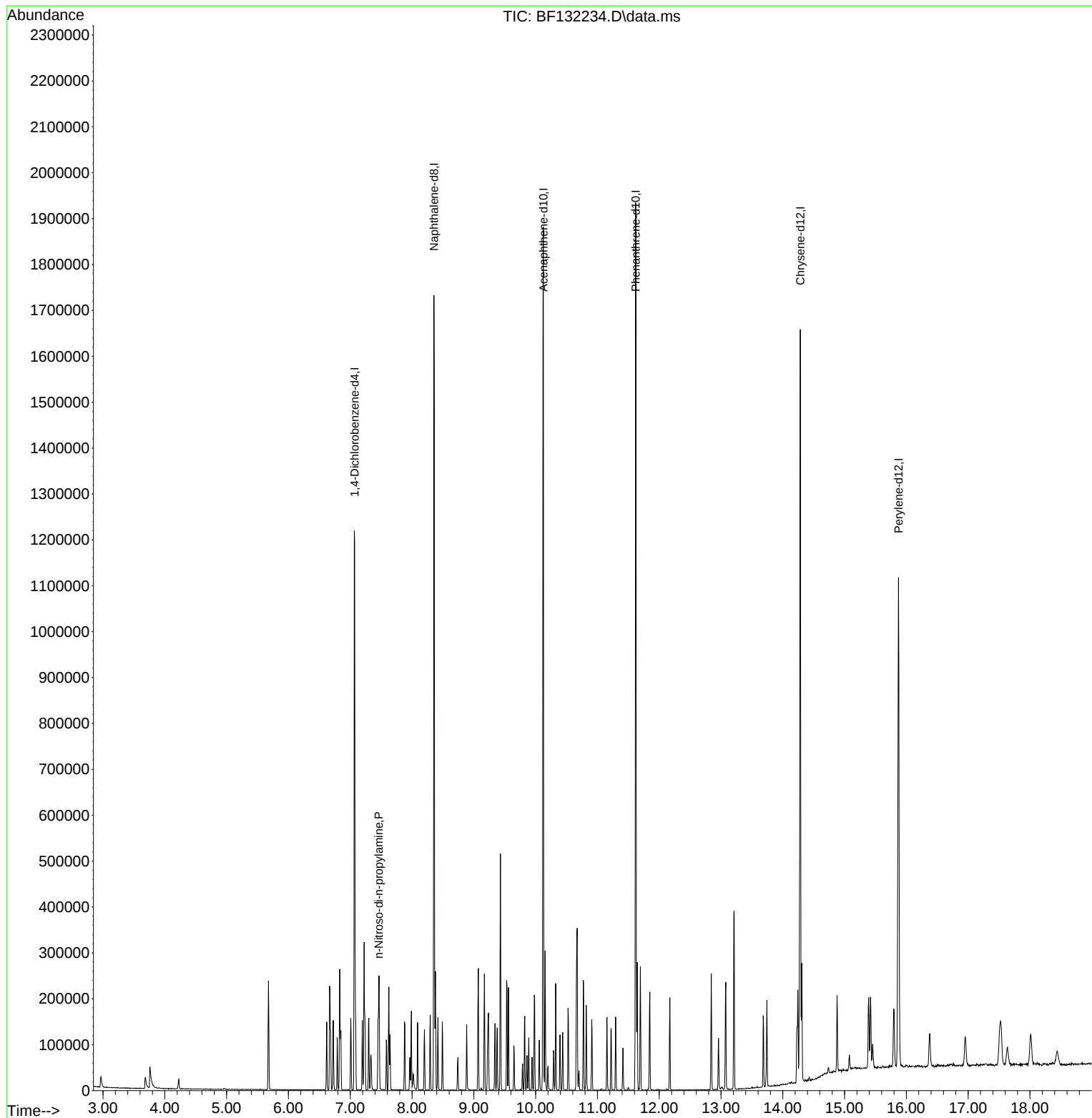
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.072  | 152  | 192872   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.354  | 136  | 737665   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.125 | 164  | 373648   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.619 | 188  | 675283   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.283 | 240  | 482893   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.871 | 264  | 474047   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 0.000  | 112  | 0d       | 0.000  | ng    |          |
| 7) Phenol-d6                  | 0.000  | 99   | 0d       | 0.000  | ng    |          |
| 23) Nitrobenzene-d5           | 0.000  | 82   | 0d       | 0.000  | ng    |          |
| 42) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000  | ng    |          |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000  | ng    |          |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000  | ng    |          |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.460  | 70   | 22329    | 2.552  | ng    | 97       |
| -----                         |        |      |          |        |       |          |

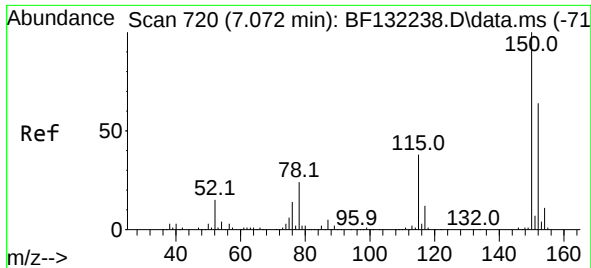
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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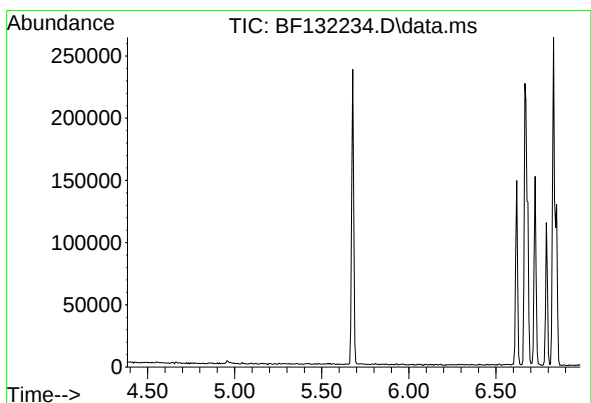
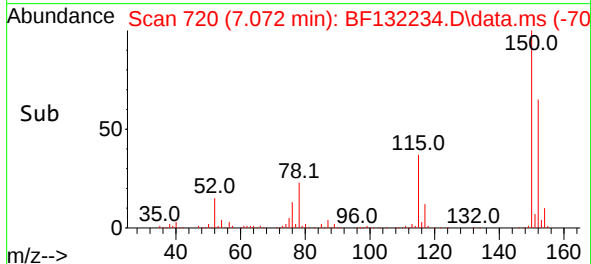
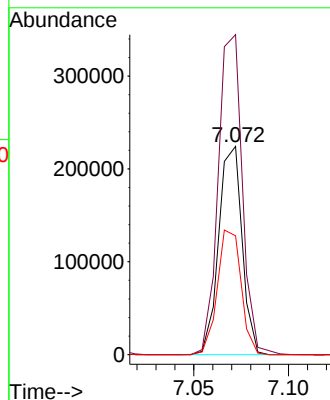
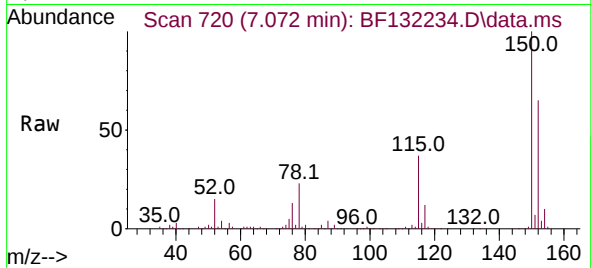




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.072 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF132234.D  
Acq: 31 Jan 2023 15:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

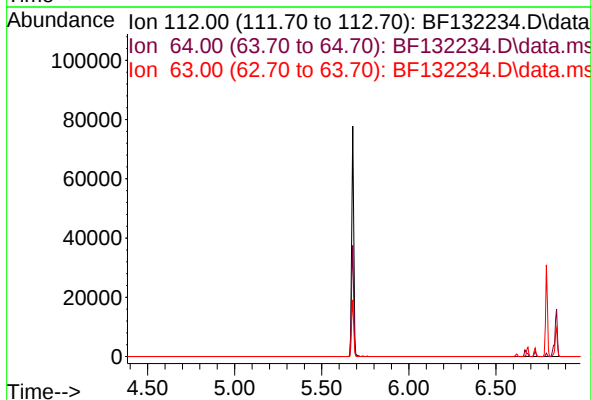
Tgt Ion:152 Resp: 192872  
Ion Ratio Lower Upper  
152 100  
150 153.7 124.2 186.2  
115 57.0 47.3 70.9

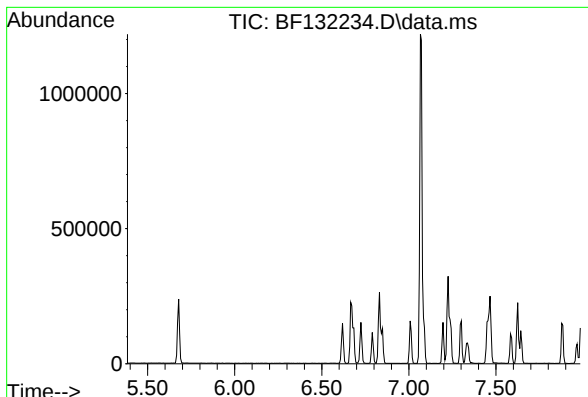


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.68 min

Lab File: BF132234.D  
Acq: 31 Jan 2023 15:52

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 50.0  
63 25.6



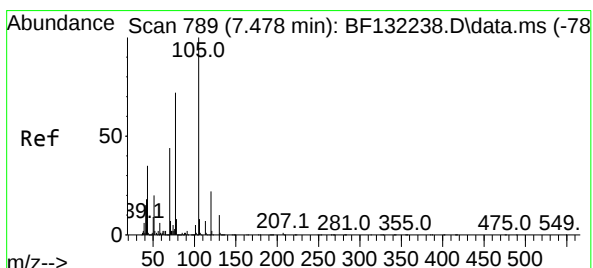
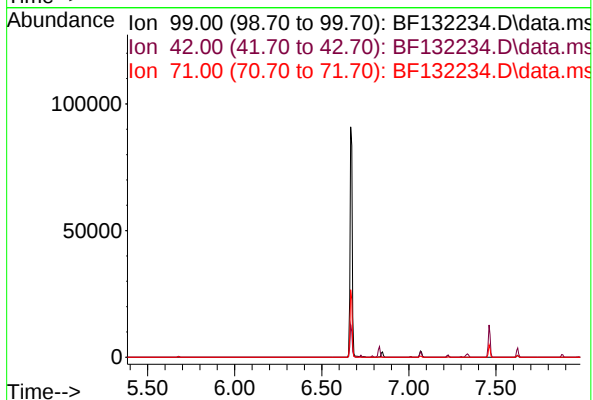


#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 6.68 min  
 Lab File: BF132234.D  
 Acq: 31 Jan 2023 15:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 99  

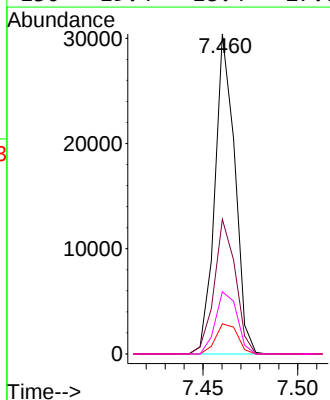
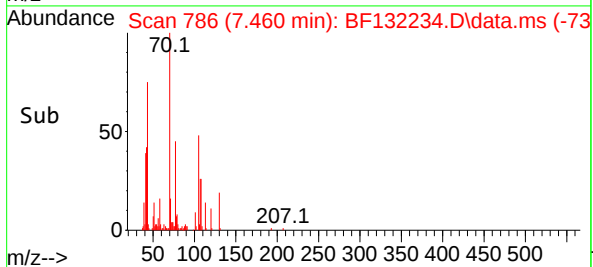
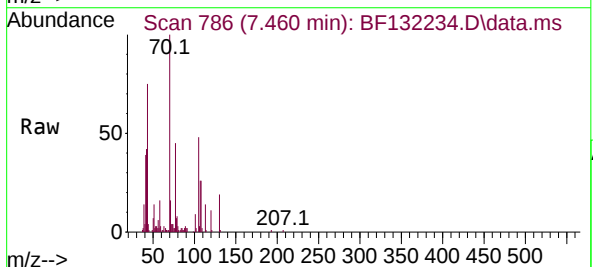
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 12.6      |
| 71  | 30.3      |

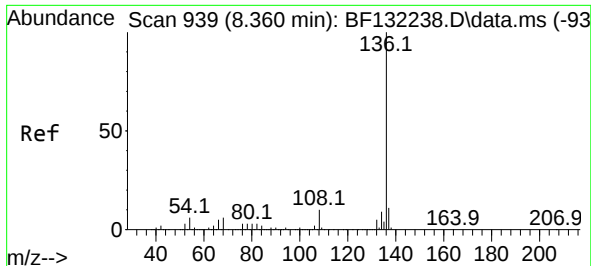


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 2.552 ng  
 RT: 7.460 min Scan# 786  
 Delta R.T. -0.018 min  
 Lab File: BF132234.D  
 Acq: 31 Jan 2023 15:52

Tgt Ion: 70 Resp: 22329  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 42.1  | 33.4  | 50.0  |
| 101 | 9.4   | 8.2   | 12.4  |
| 130 | 19.4  | 18.4  | 27.6  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.354 min Scan# 93

Delta R.T. -0.006 min

Lab File: BF132234.D

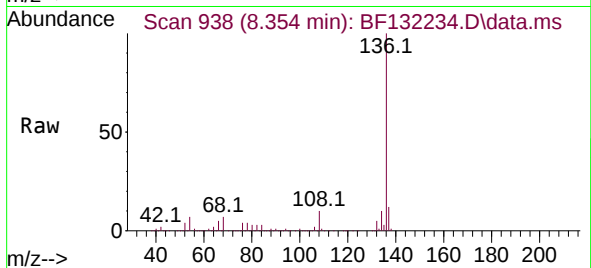
Acq: 31 Jan 2023 15:52

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 737665

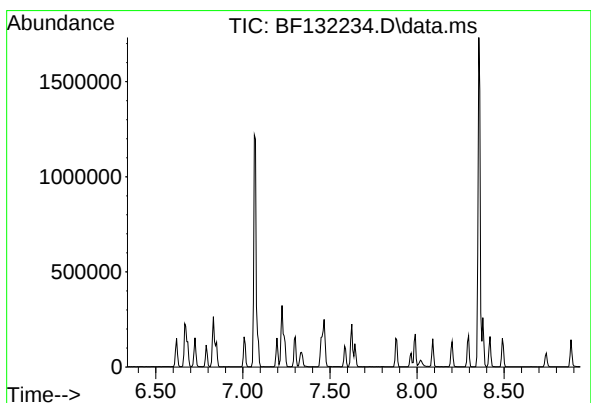
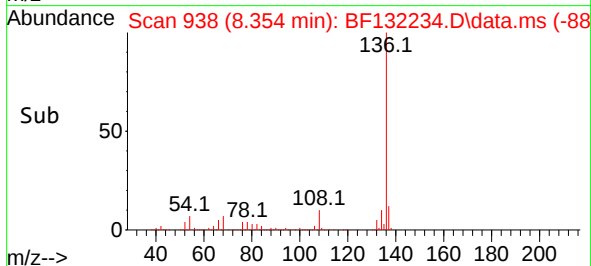
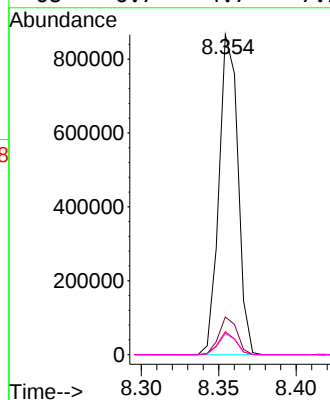
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 7.2 4.9 7.3

68 6.7 4.7 7.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.64 min

Lab File: BF132234.D

Acq: 31 Jan 2023 15:52

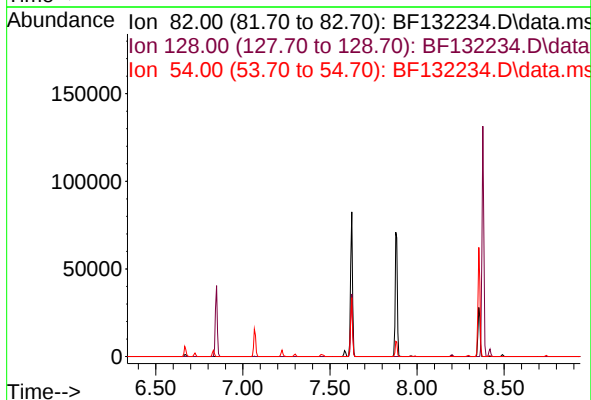
Tgt Ion: 82

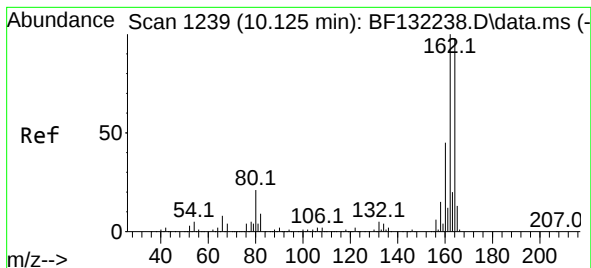
Sig Exp Ratio

82 100

128 46.2

54 39.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.125 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132234.D

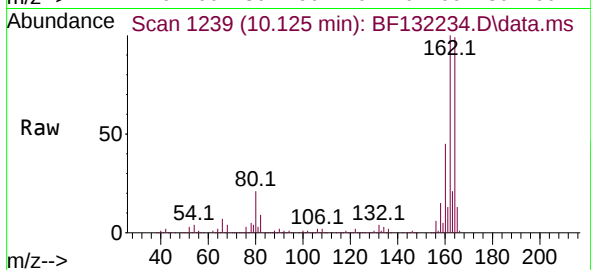
Acq: 31 Jan 2023 15:52

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



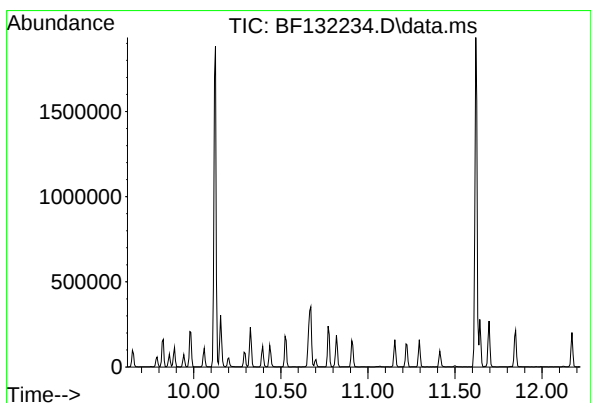
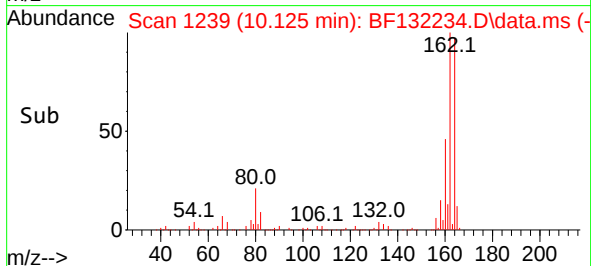
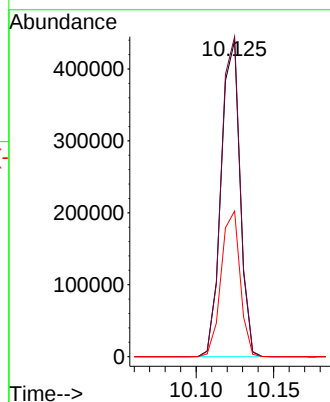
Tgt Ion:164 Resp: 373648

Ion Ratio Lower Upper

164 100

162 101.4 82.0 123.0

160 46.1 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.92 min

Lab File: BF132234.D

Acq: 31 Jan 2023 15:52

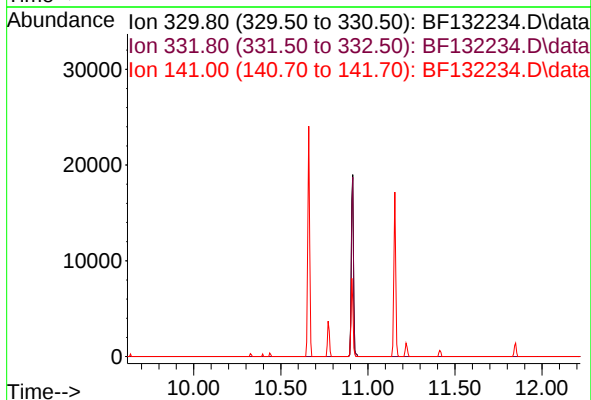
Tgt Ion: 330

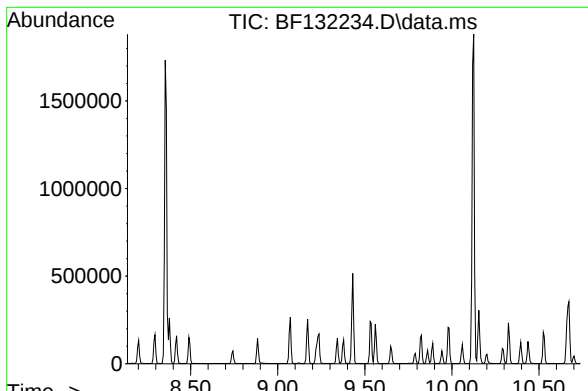
Sig Exp Ratio

330 100

332 97.4

141 38.7



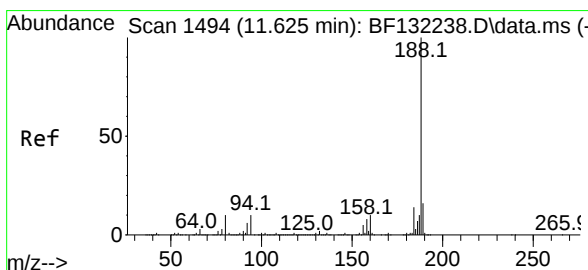
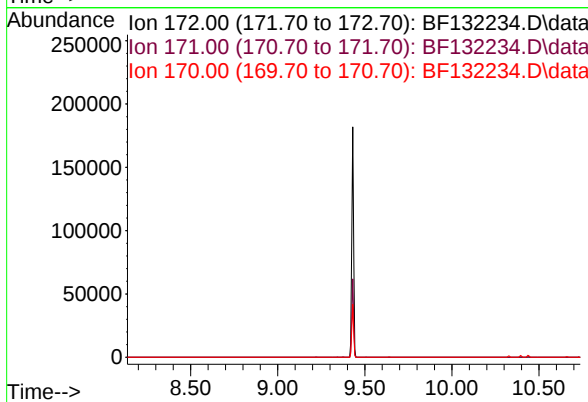


#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 9.44 min  
 Lab File: BF132234.D  
 Acq: 31 Jan 2023 15:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 172  

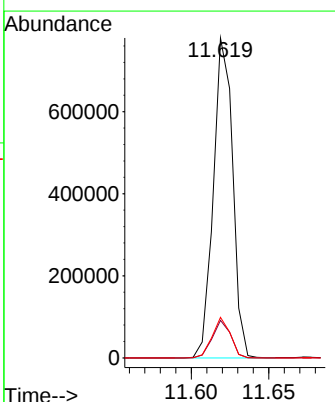
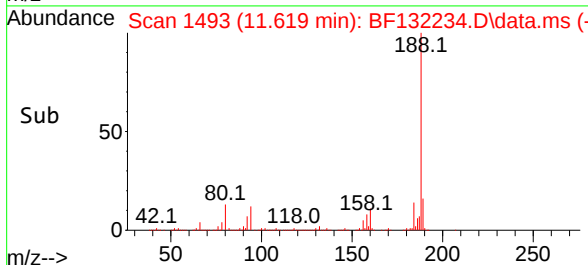
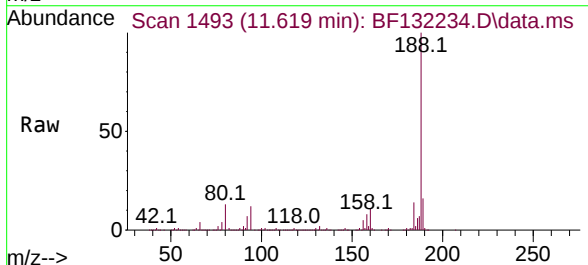
| Sig | Exp Ratio |
|-----|-----------|
| 172 | 100       |
| 171 | 35.8      |
| 170 | 24.6      |

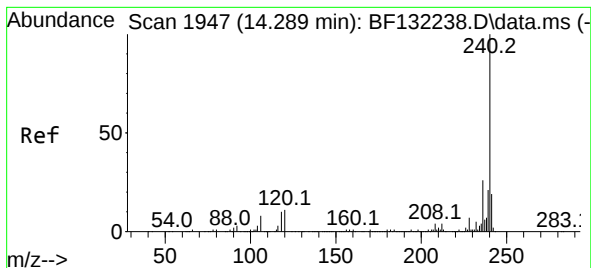


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.619 min Scan# 1493  
 Delta R.T. -0.006 min  
 Lab File: BF132234.D  
 Acq: 31 Jan 2023 15:52

Tgt Ion: 188 Resp: 675283  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 11.7  | 8.2   | 12.2  |
| 80  | 12.7  | 8.3   | 12.5  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.283 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BF132234.D

Acq: 31 Jan 2023 15:52

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

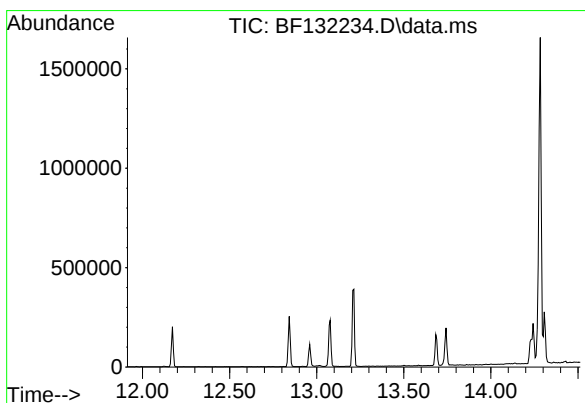
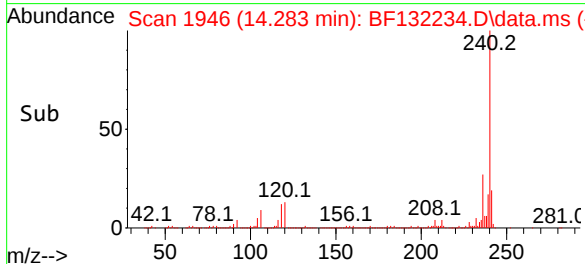
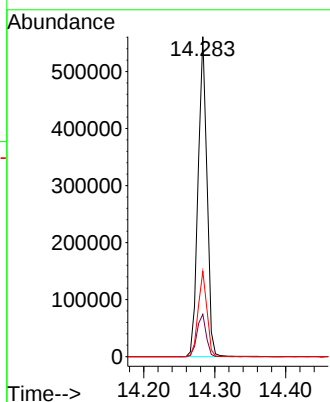
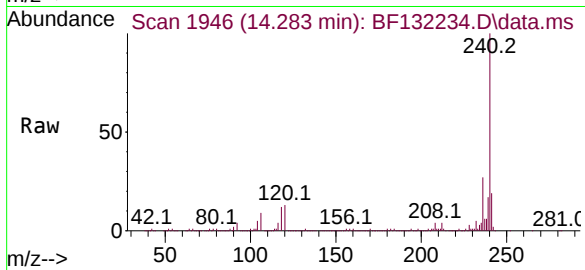
Tgt Ion:240 Resp: 482893

Ion Ratio Lower Upper

240 100

120 13.2 8.8 13.2#

236 26.6 21.0 31.6



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.21 min

Lab File: BF132234.D

Acq: 31 Jan 2023 15:52

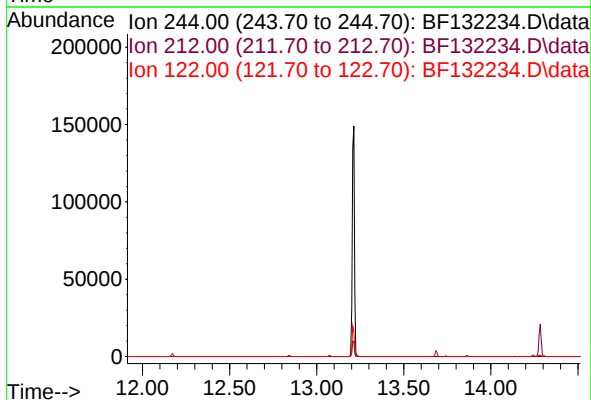
Tgt Ion: 244

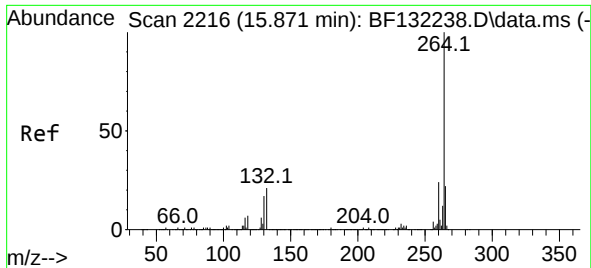
Sig Exp Ratio

244 100

212 8.0

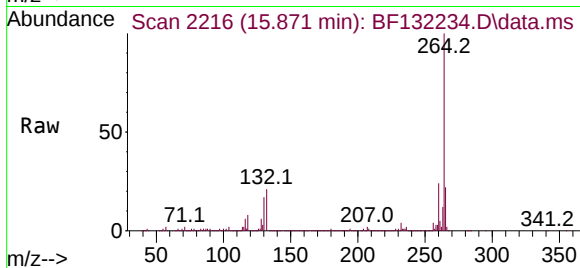
122 13.1





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.871 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BF132234.D  
 Acq: 31 Jan 2023 15:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5



Tgt Ion:264 Resp: 474047  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.0 28.4  
 265 21.8 17.4 26.2

