

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012723\  
 Data File : BF132196.D  
 Acq On : 27 Jan 2023 12:44  
 Operator : CG\JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Jan 28 01:39:35 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 28 01:38:37 2023  
 Response via : Initial Calibration

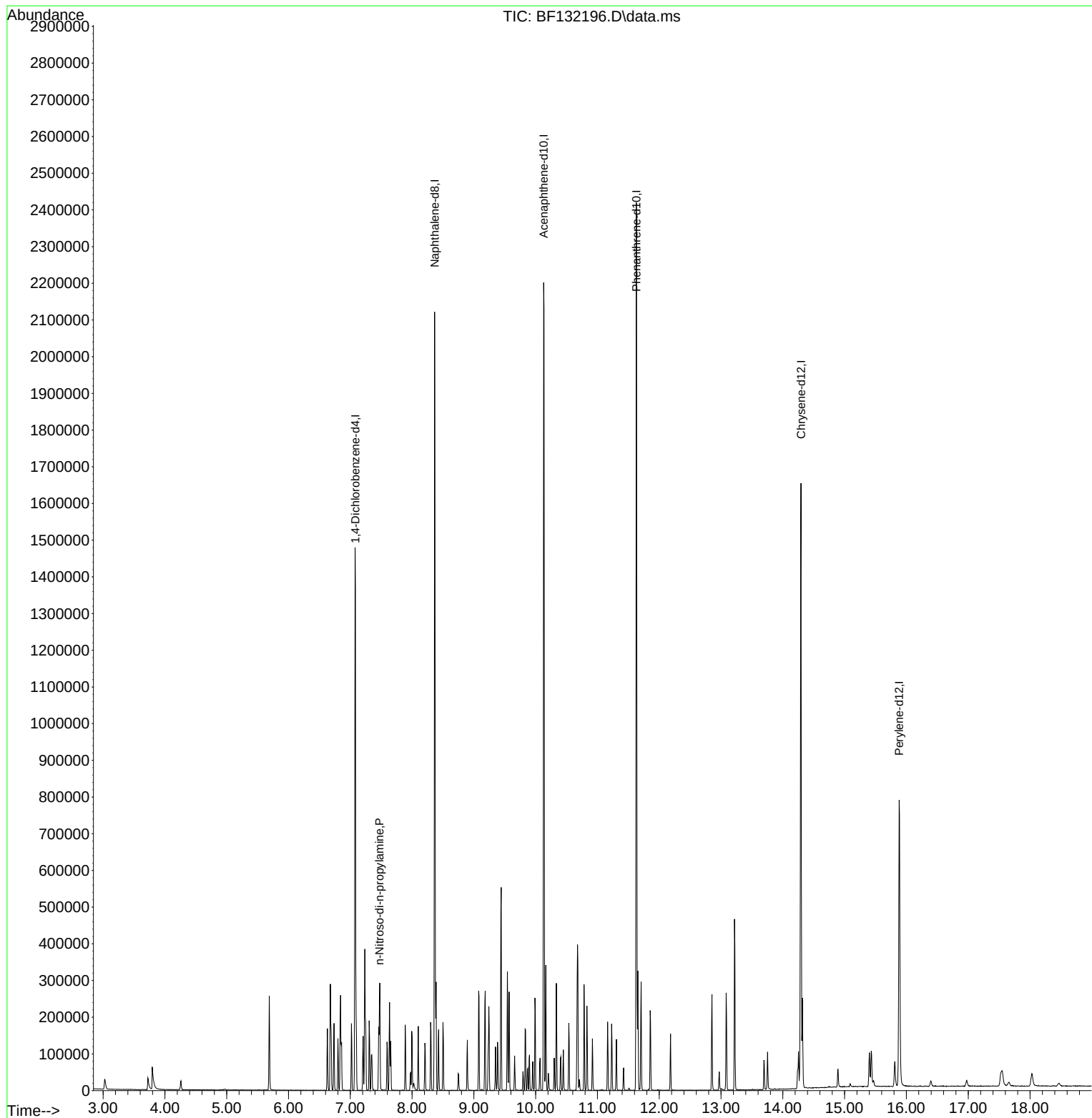
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)     |
|-------------------------------|--------|------|----------|--------|-------|--------------|
| -----                         |        |      |          |        |       |              |
| Internal Standards            |        |      |          |        |       |              |
| 1) 1,4-Dichlorobenzene-d4     | 7.084  | 152  | 227404   | 20.000 | ng    | 0.00         |
| 21) Naphthalene-d8            | 8.366  | 136  | 837995   | 20.000 | ng    | 0.00         |
| 39) Acenaphthene-d10          | 10.130 | 164  | 444389   | 20.000 | ng    | 0.00         |
| 64) Phenanthrene-d10          | 11.630 | 188  | 828266   | 20.000 | ng    | 0.00         |
| 76) Chrysene-d12              | 14.295 | 240  | 518210   | 20.000 | ng    | 0.00         |
| 86) Perylene-d12              | 15.883 | 264  | 382618   | 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              |        |      |          |        |       |              |
| 19) n-Nitroso-di-n-propyla... | 7.472  | 70   | 25525    | 2.475  | ng    | Qvalue<br>96 |
| -----                         |        |      |          |        |       |              |

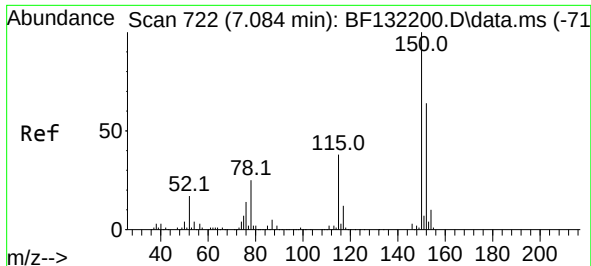
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012723\  
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Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

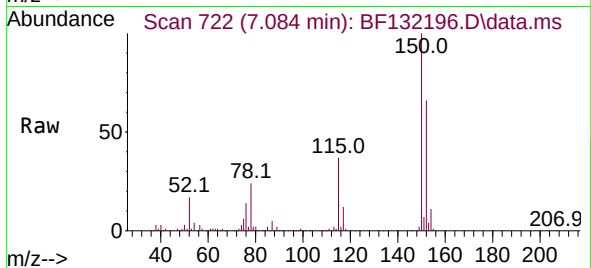
Quant Time: Jan 28 01:39:35 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jan 28 01:38:37 2023  
Response via : Initial Calibration



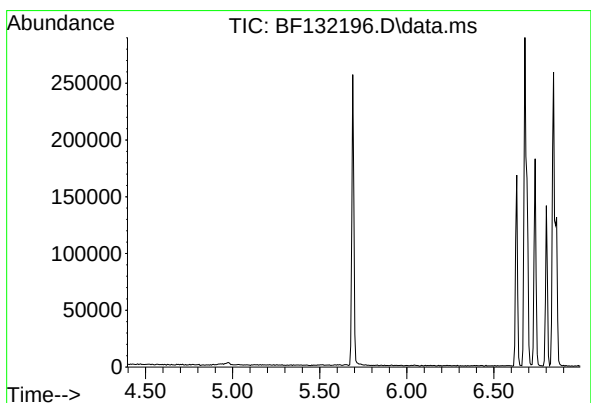
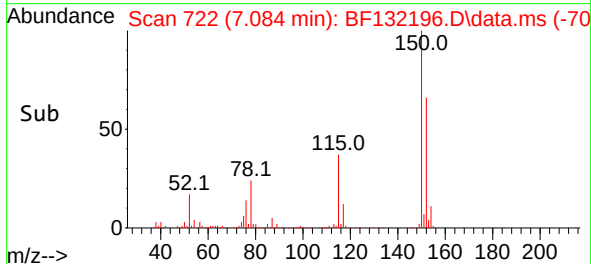
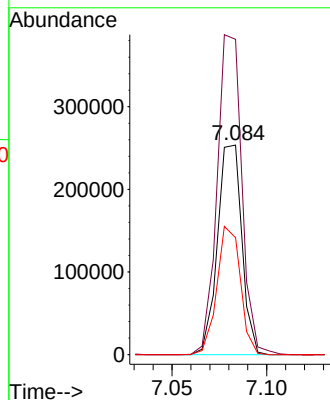


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.084 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF132196.D  
Acq: 27 Jan 2023 12:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5



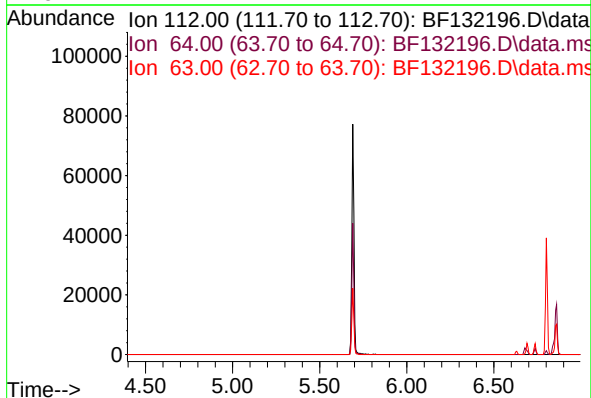
Tgt Ion:152 Resp: 227404  
Ion Ratio Lower Upper  
152 100  
150 150.4 124.5 186.7  
115 55.8 47.0 70.6

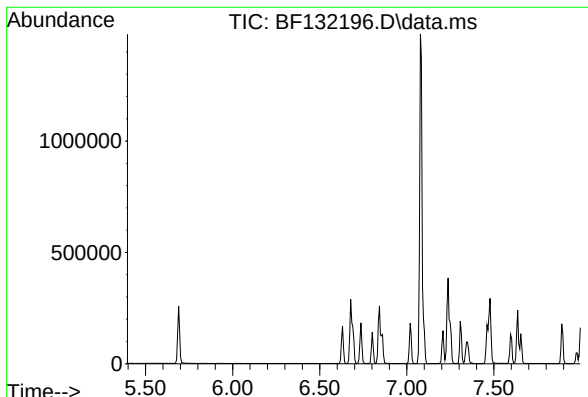


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.70 min

Lab File: BF132196.D  
Acq: 27 Jan 2023 12:44

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 56.9  
63 29.6



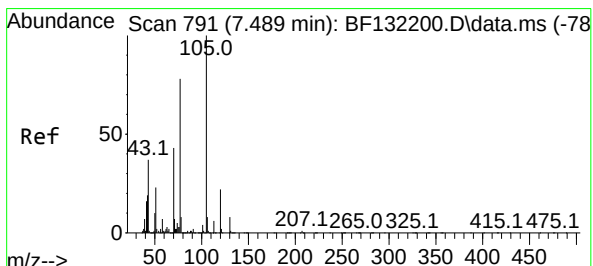
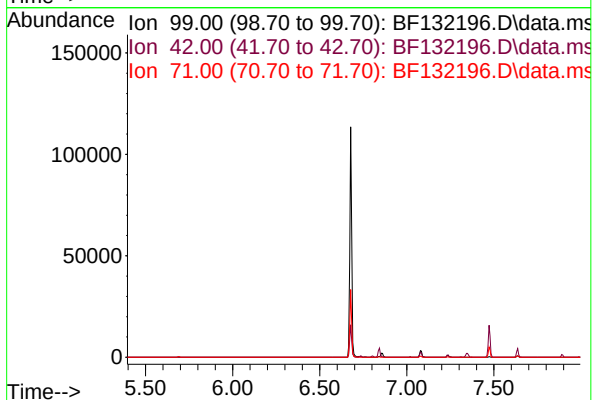


#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 6.70 min  
 Lab File: BF132196.D  
 Acq: 27 Jan 2023 12:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 99  

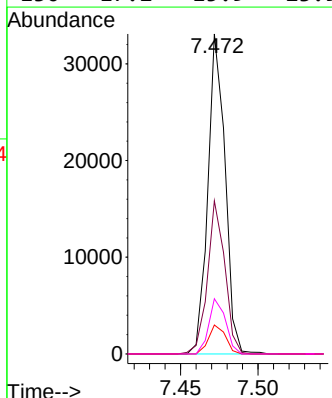
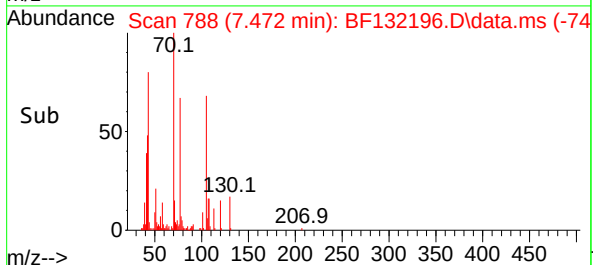
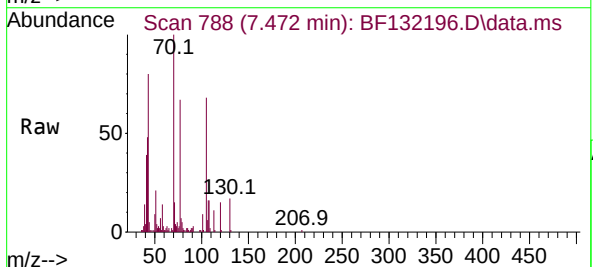
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 14.1      |
| 71  | 32.9      |

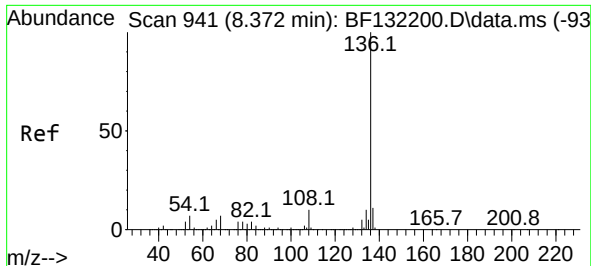


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 2.475 ng  
 RT: 7.472 min Scan# 788  
 Delta R.T. -0.018 min  
 Lab File: BF132196.D  
 Acq: 27 Jan 2023 12:44

Tgt Ion: 70 Resp: 25525  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 47.8  | 36.2  | 54.4  |
| 101 | 9.0   | 7.9   | 11.9  |
| 130 | 17.2  | 15.9  | 23.9  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.366 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF132196.D

Acq: 27 Jan 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 837995

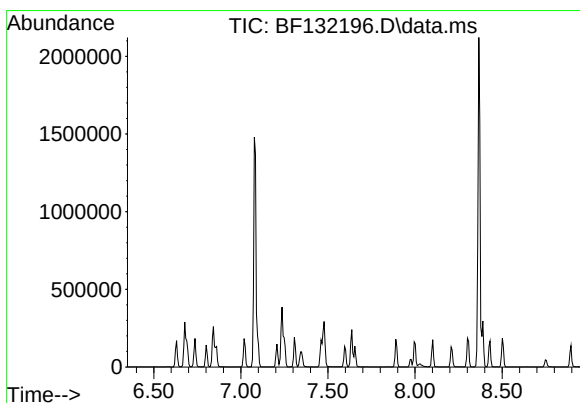
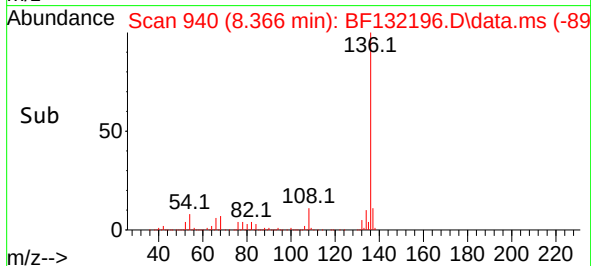
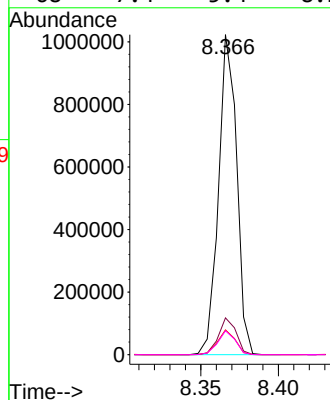
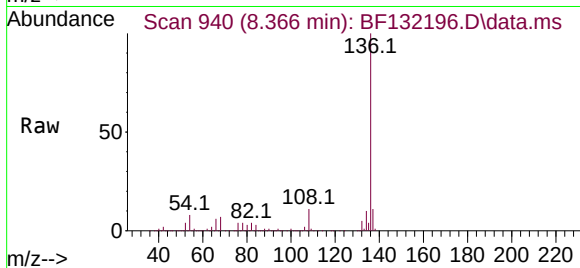
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 7.7 5.4 8.2

68 7.4 5.4 8.2



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.65 min

Lab File: BF132196.D

Acq: 27 Jan 2023 12:44

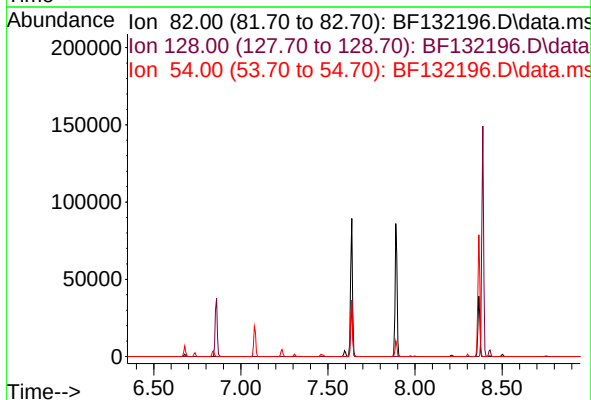
Tgt Ion: 82

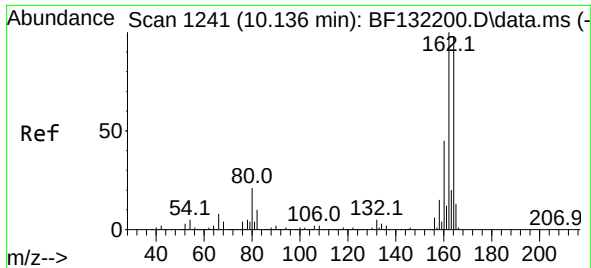
Sig Exp Ratio

82 100

128 40.9

54 41.6

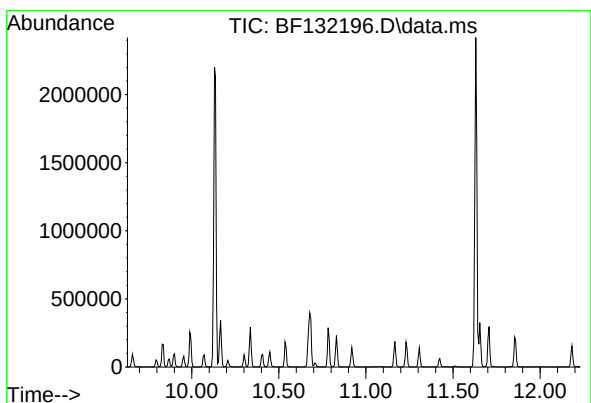
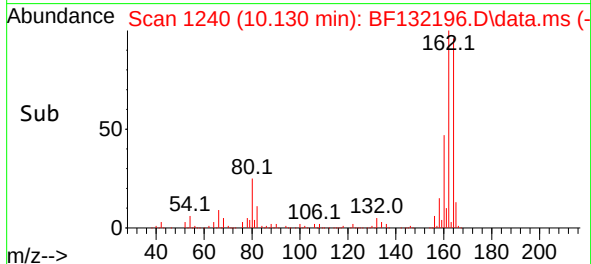
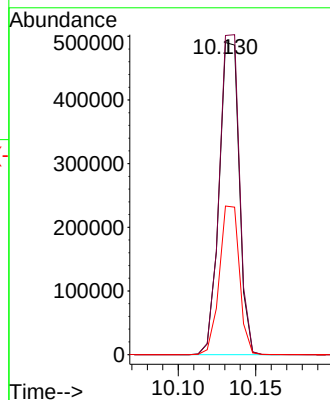
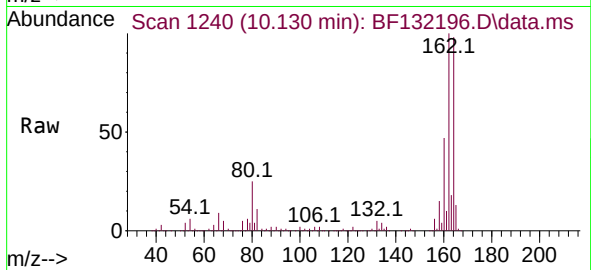




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.130 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF132196.D  
Acq: 27 Jan 2023 12:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

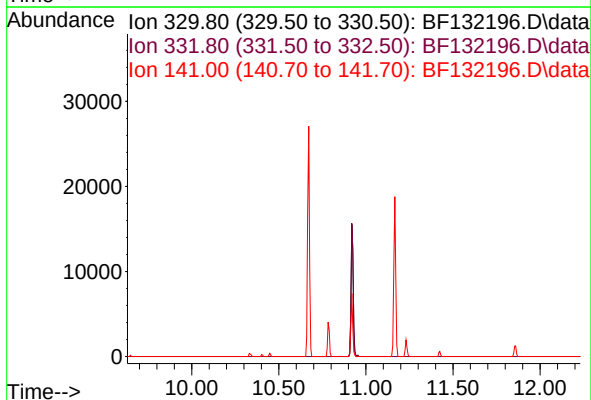
Tgt Ion:164 Resp: 444389  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.5 122.3  
160 47.6 37.0 55.4

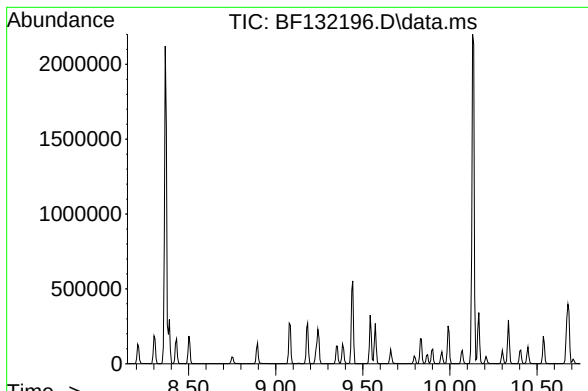


#42  
2,4,6-Tribromophenol  
Concen: 0.000 ng  
Expected RT: 10.93 min

Lab File: BF132196.D  
Acq: 27 Jan 2023 12:44

Tgt Ion: 330  
Sig Exp Ratio  
330 100  
332 94.6  
141 38.4



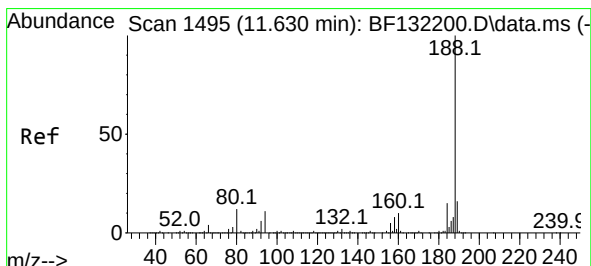
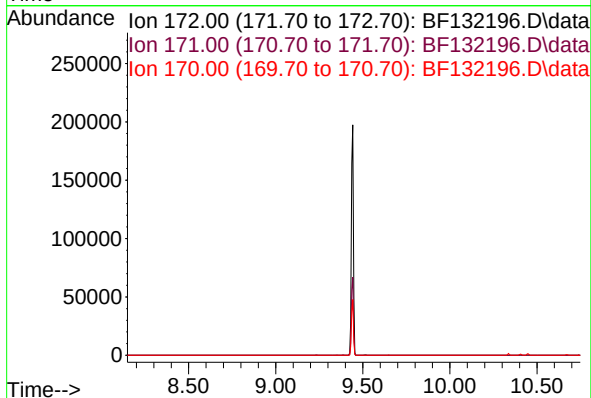


#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 9.45 min  
 Lab File: BF132196.D  
 Acq: 27 Jan 2023 12:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 172  

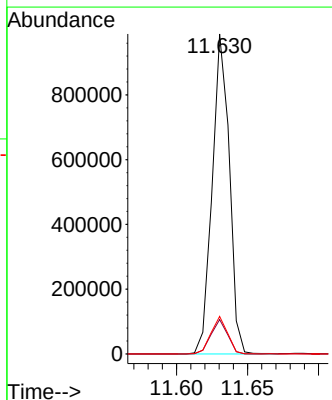
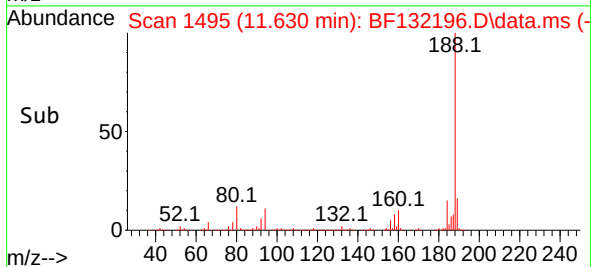
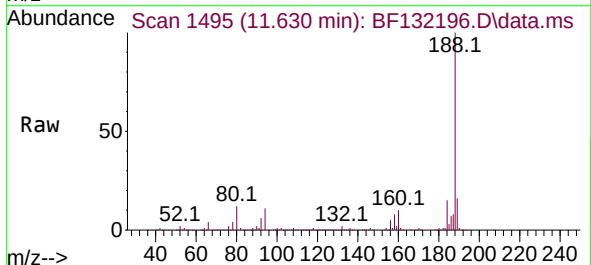
| Sig | Exp Ratio |
|-----|-----------|
| 172 | 100       |
| 171 | 36.3      |
| 170 | 25.3      |

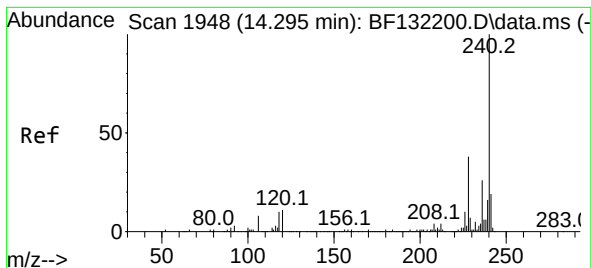


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.630 min Scan# 1495  
 Delta R.T. -0.000 min  
 Lab File: BF132196.D  
 Acq: 27 Jan 2023 12:44

Tgt Ion: 188 Resp: 828266  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.7  | 8.5   | 12.7  |
| 80  | 11.7  | 9.2   | 13.8  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.295 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BF132196.D

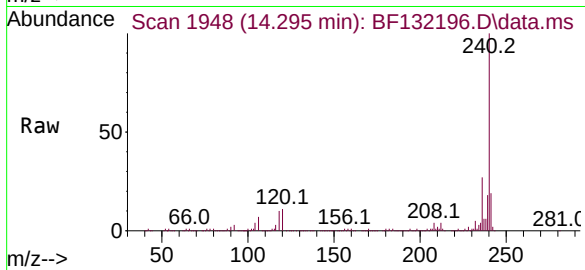
Acq: 27 Jan 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



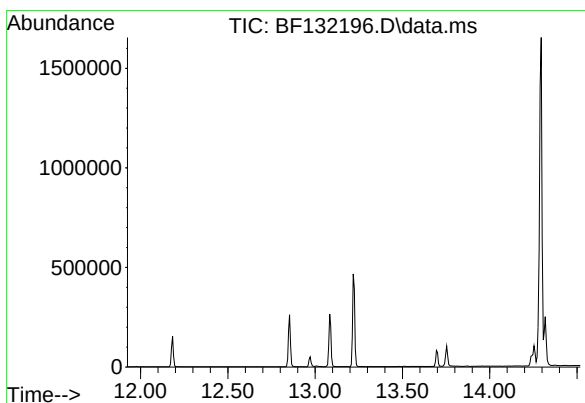
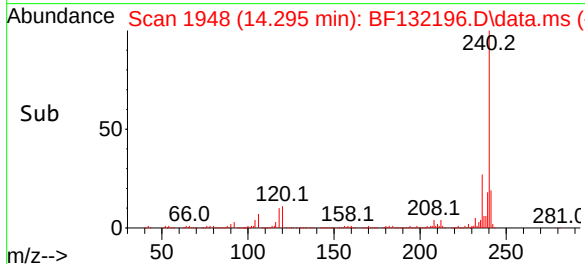
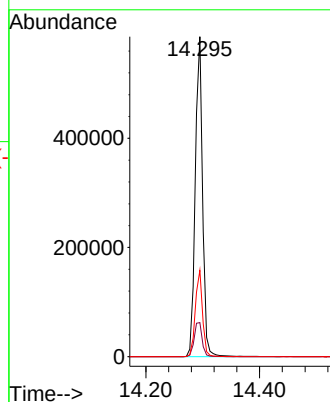
Tgt Ion:240 Resp: 518210

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 27.0 20.8 31.2



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.22 min

Lab File: BF132196.D

Acq: 27 Jan 2023 12:44

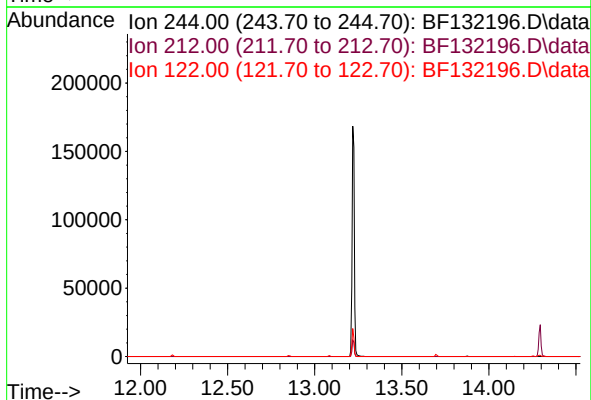
Tgt Ion: 244

Sig Exp Ratio

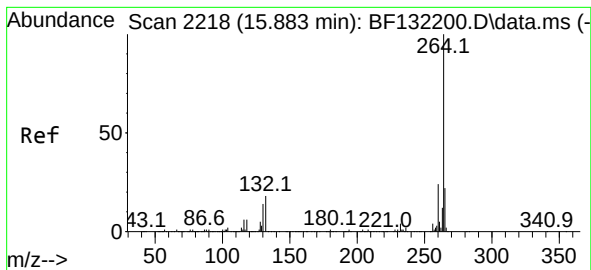
244 100

212 8.5

122 10.4







#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.883 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BF132196.D  
 Acq: 27 Jan 2023 12:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion:264 Resp: 382618  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 18.8 28.2  
 265 22.5 17.4 26.2

