

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122624\  
 Data File : BF140970.D  
 Acq On : 26 Dec 2024 16:23  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Dec 26 23:46:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 26 23:36:05 2024  
 Response via : Initial Calibration

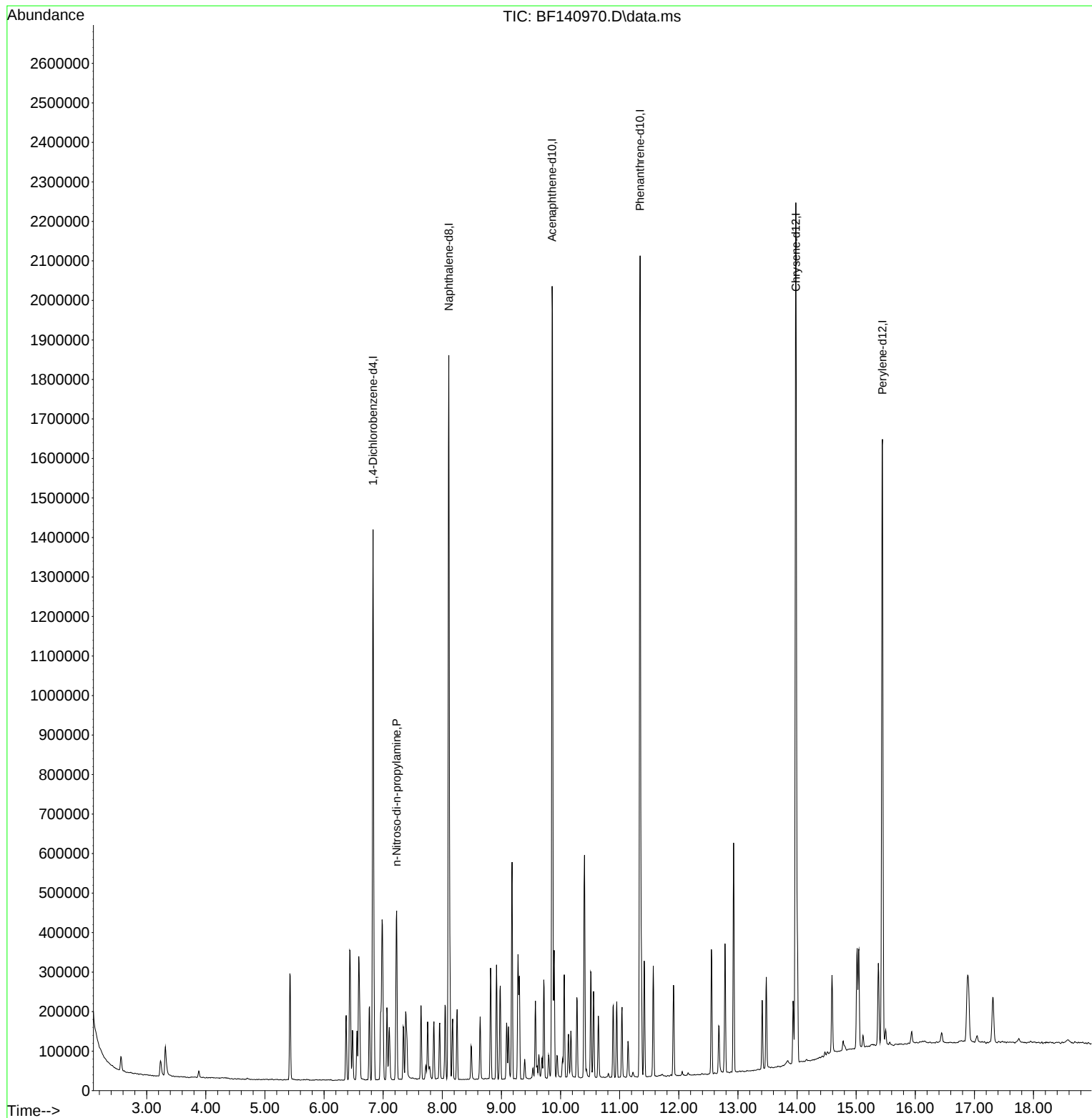
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)     |
|-------------------------------|--------|------|----------|--------|-------|--------------|
| -----                         |        |      |          |        |       |              |
| Internal Standards            |        |      |          |        |       |              |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 280508   | 20.000 | ng    | 0.00         |
| 21) Naphthalene-d8            | 8.110  | 136  | 1109803  | 20.000 | ng    | 0.00         |
| 39) Acenaphthene-d10          | 9.857  | 164  | 601920   | 20.000 | ng    | 0.00         |
| 64) Phenanthrene-d10          | 11.345 | 188  | 1050286  | 20.000 | ng    | 0.00         |
| 76) Chrysene-d12              | 13.980 | 240  | 837900   | 20.000 | ng    | 0.00         |
| 86) Perylene-d12              | 15.445 | 264  | 873226   | 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... | 7.228  | 70   | 39726    | 2.934  | ng    | Qvalue<br>97 |
| -----                         |        |      |          |        |       |              |

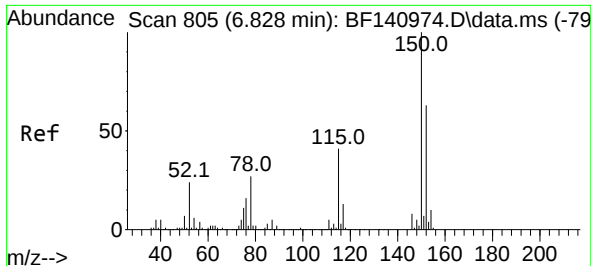
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122624\  
Data File : BF140970.D  
Acq On : 26 Dec 2024 16:23  
Operator : RC/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Quant Time: Dec 26 23:46:27 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 26 23:36:05 2024  
Response via : Initial Calibration

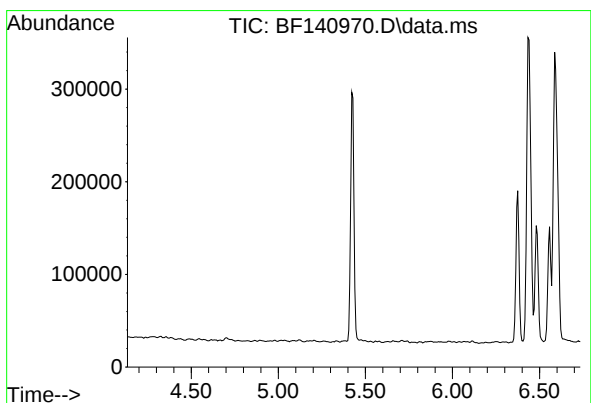
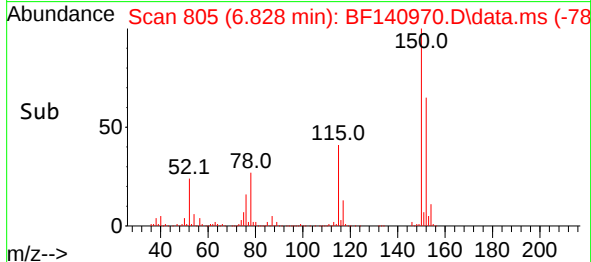
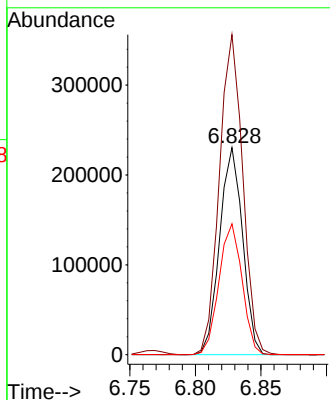
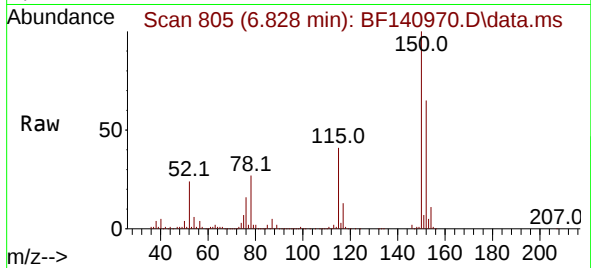




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF140970.D  
Acq: 26 Dec 2024 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

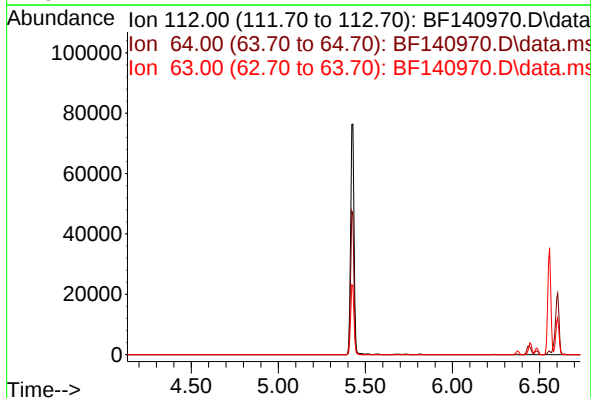
Tgt Ion:152 Resp: 280508  
Ion Ratio Lower Upper  
152 100  
150 154.5 127.0 190.6  
115 63.2 51.7 77.5



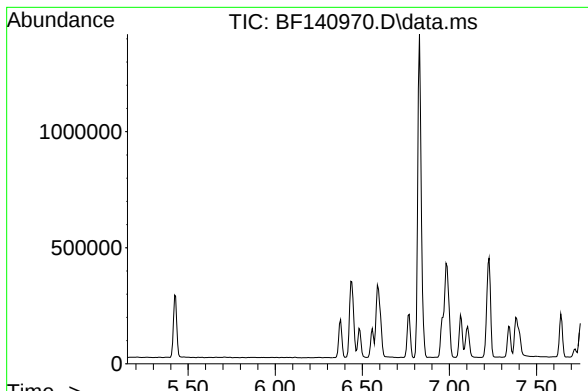
#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.43 min

Lab File: BF140970.D  
Acq: 26 Dec 2024 16:23

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 59.6  
63 30.2



Ion 64.00 (63.70 to 64.70): BF140970.D\data.ms  
Ion 63.00 (62.70 to 63.70): BF140970.D\data.ms

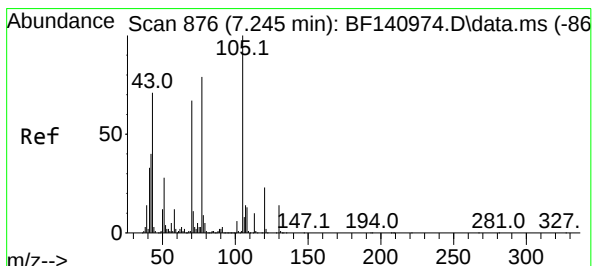
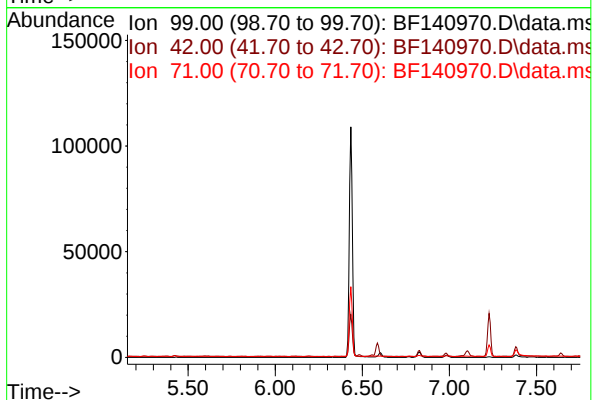


#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 6.45 min  
 Lab File: BF140970.D  
 Acq: 26 Dec 2024 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 99  

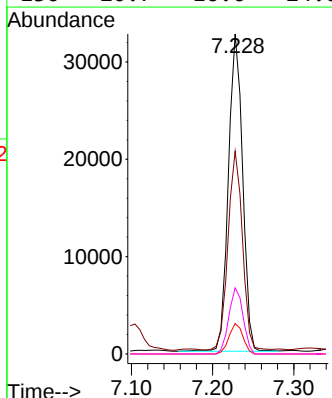
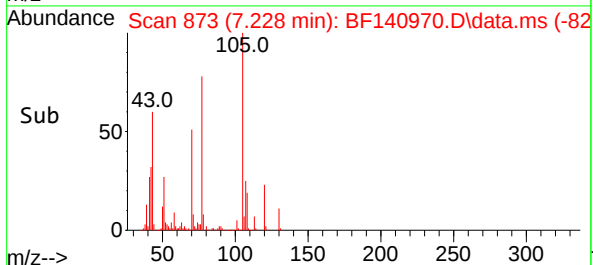
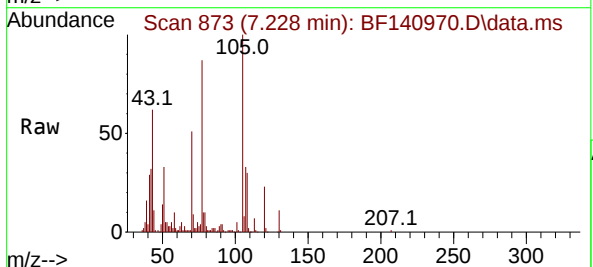
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 18.7      |
| 71  | 32.7      |

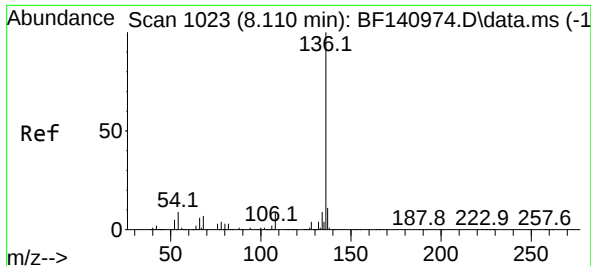


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 2.934 ng  
 RT: 7.228 min Scan# 873  
 Delta R.T. -0.018 min  
 Lab File: BF140970.D  
 Acq: 26 Dec 2024 16:23

Tgt Ion: 70 Resp: 39726  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 63.4  | 48.1  | 72.1  |
| 101 | 9.5   | 7.6   | 11.4  |
| 130 | 20.7  | 16.6  | 24.8  |

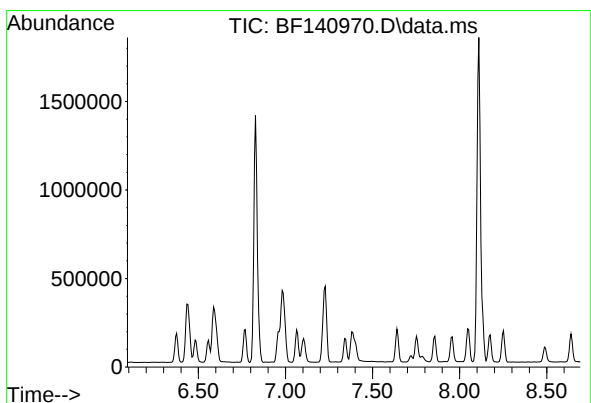
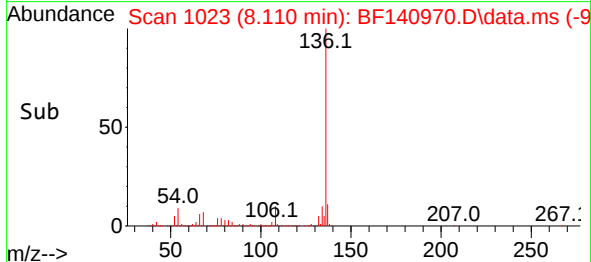
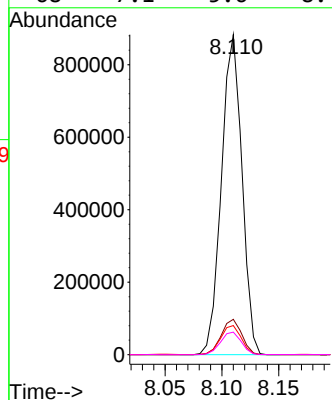
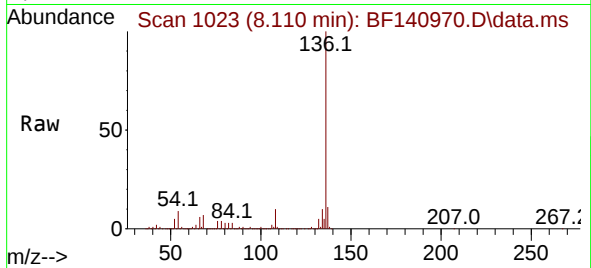




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BF140970.D  
Acq: 26 Dec 2024 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

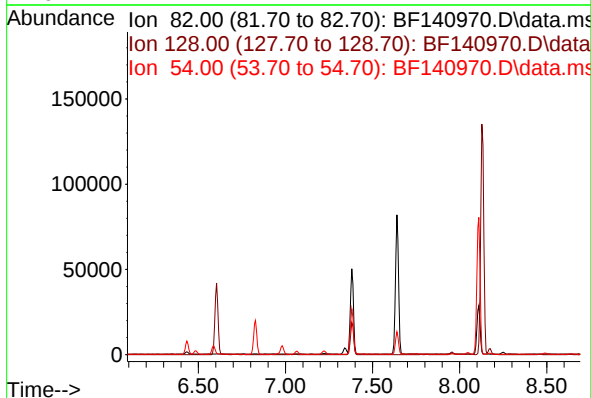
Tgt Ion:136 Resp: 1109803  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 9.1 7.6 11.4  
68 7.1 5.6 8.4

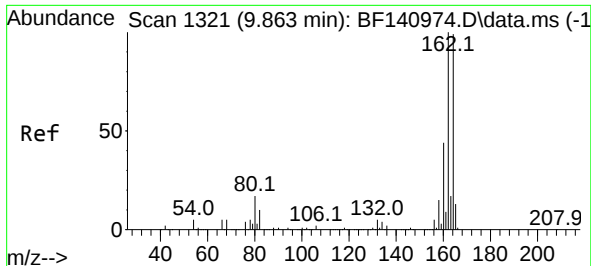


#23  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 7.39 min

Lab File: BF140970.D  
Acq: 26 Dec 2024 16:23

Tgt Ion: 82  
Sig Exp Ratio  
82 100  
128 43.0  
54 53.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140970.D

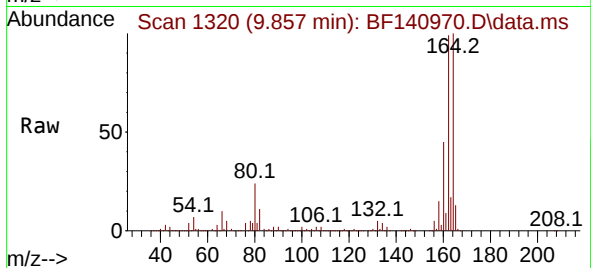
Acq: 26 Dec 2024 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



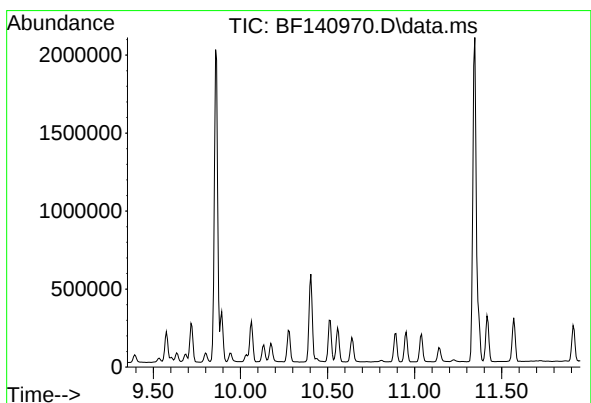
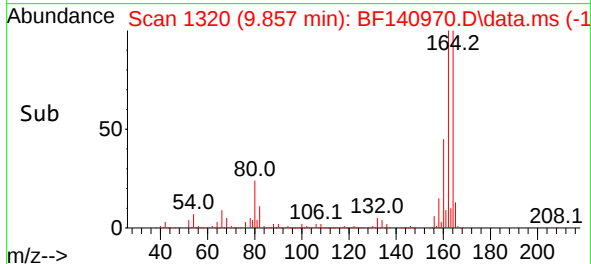
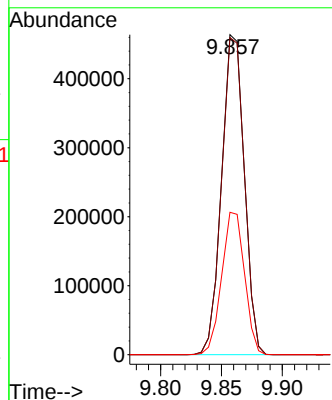
Tgt Ion:164 Resp: 601920

Ion Ratio Lower Upper

164 100

162 99.1 80.6 120.8

160 44.5 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.65 min

Lab File: BF140970.D

Acq: 26 Dec 2024 16:23

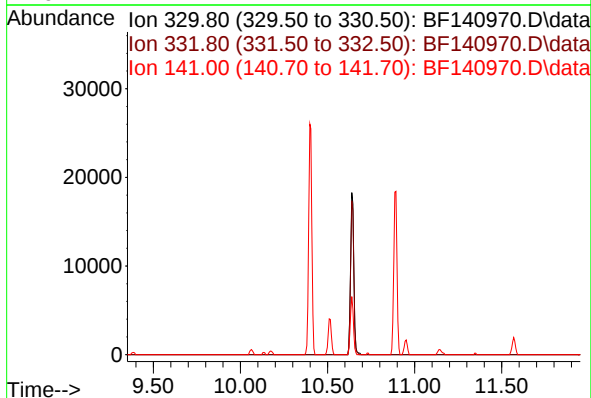
Tgt Ion: 330

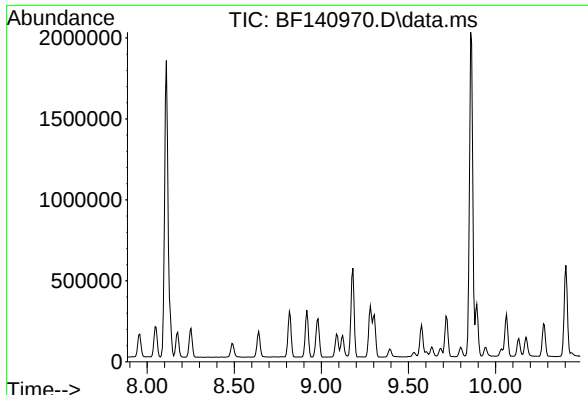
Sig Exp Ratio

330 100

332 97.5

141 33.0



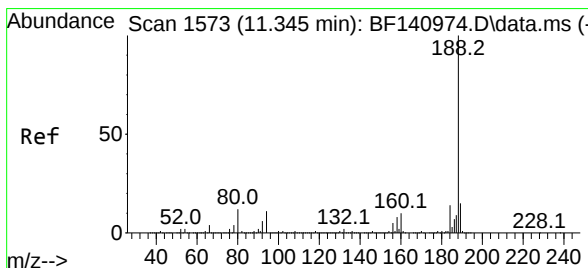
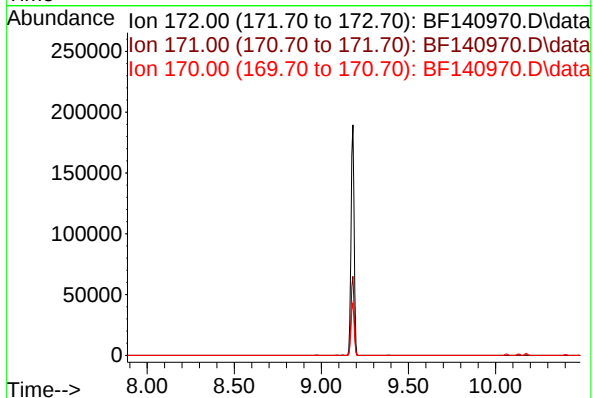


#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 9.19 min  
 Lab File: BF140970.D  
 Acq: 26 Dec 2024 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 172  

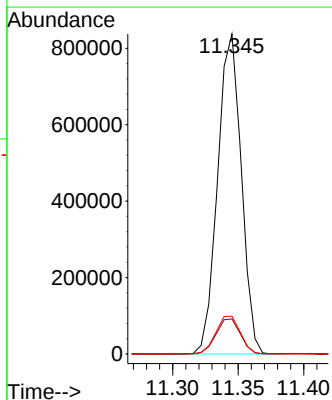
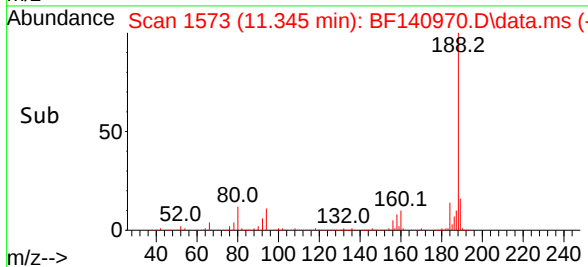
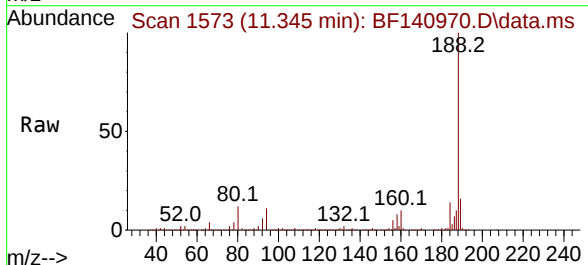
| Sig | Exp Ratio |
|-----|-----------|
| 172 | 100       |
| 171 | 36.2      |
| 170 | 24.5      |

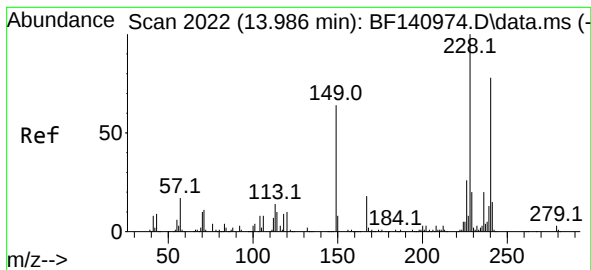


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.345 min Scan# 1573  
 Delta R.T. 0.000 min  
 Lab File: BF140970.D  
 Acq: 26 Dec 2024 16:23

Tgt Ion: 188 Resp: 1050286  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 11.0  | 9.0   | 13.6  |
| 80  | 11.8  | 9.8   | 14.6  |

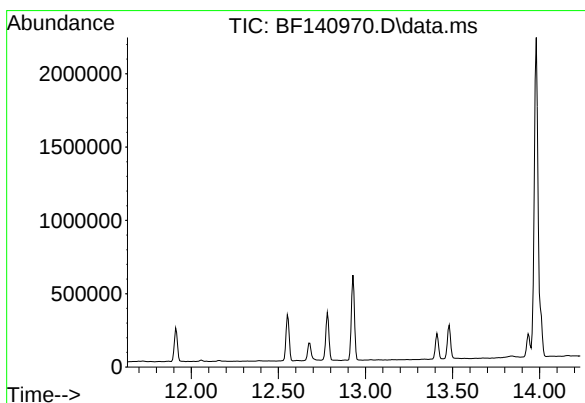
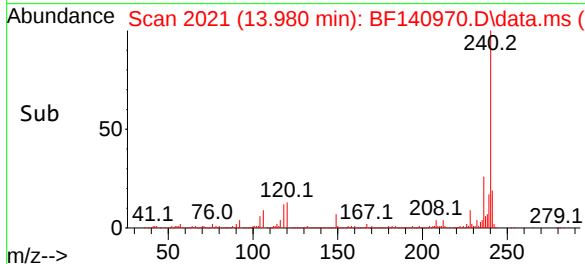
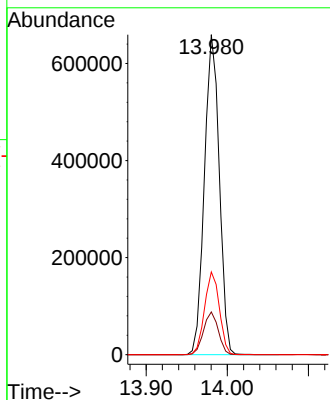
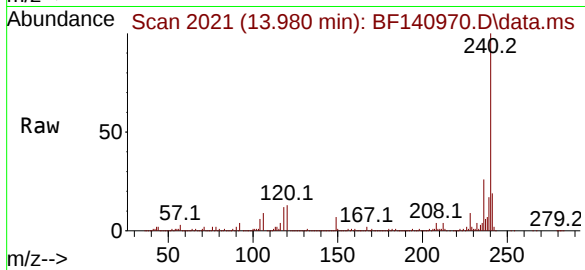




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.980 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF140970.D  
Acq: 26 Dec 2024 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

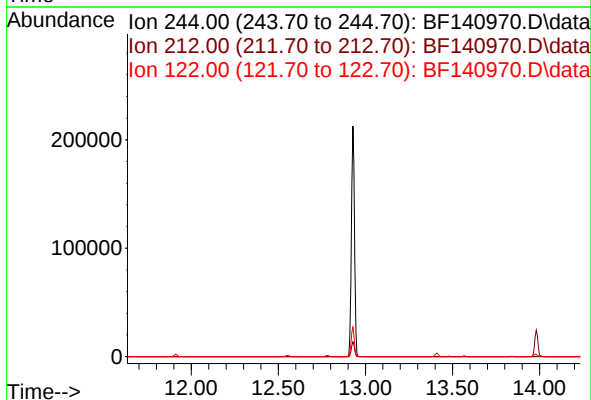
Tgt Ion:240 Resp: 837900  
Ion Ratio Lower Upper  
240 100  
120 13.4 10.7 16.1  
236 25.8 20.6 31.0

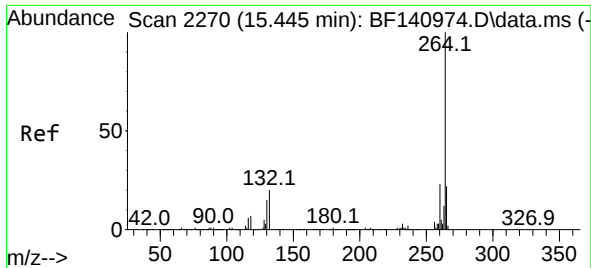


#79  
Terphenyl-d14  
Concen: 0.000 ng  
Expected RT: 12.93 min

Lab File: BF140970.D  
Acq: 26 Dec 2024 16:23

Tgt Ion: 244  
Sig Exp Ratio  
244 100  
212 7.1  
122 12.7





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.445 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF140970.D  
 Acq: 26 Dec 2024 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion:264 Resp: 873226  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.7 28.1  
 265 21.6 17.4 26.2

