

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112723\  
 Data File : BF136217.D  
 Acq On : 27 Nov 2023 11:49  
 Operator : CG\JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Nov 28 02:13:12 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 02:12:03 2023  
 Response via : Initial Calibration

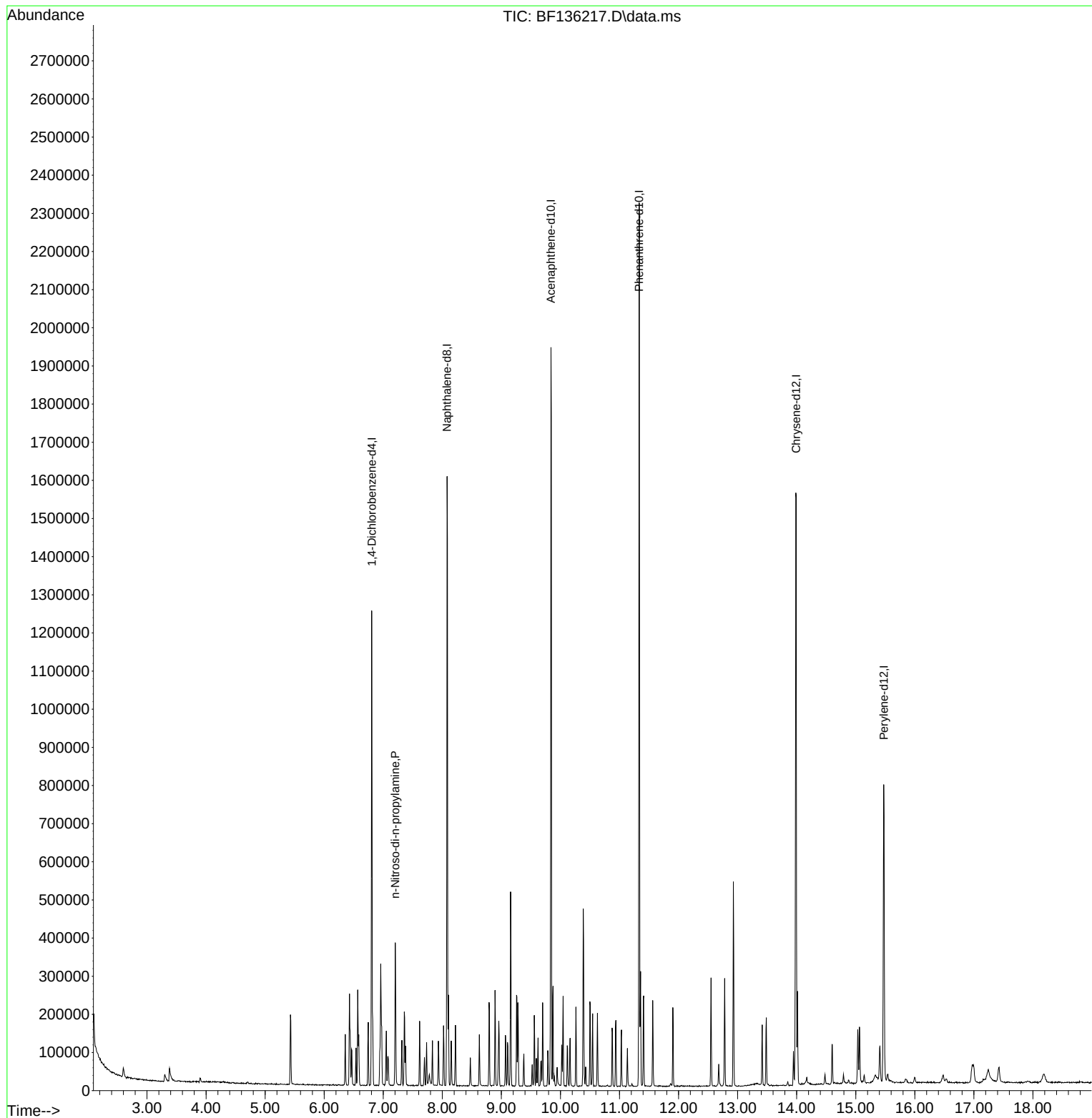
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 6.804  | 152  | 162488   | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8            | 8.081  | 136  | 713204   | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10          | 9.839  | 164  | 380106   | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10          | 11.333 | 188  | 768969   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12              | 13.992 | 240  | 511514   | 20.000 | ng    | 0.00        |
| 86) Perylene-d12              | 15.474 | 264  | 365085   | 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... | 7.204  | 70   | 19332    | 2.214  | ng    | Qvalue # 88 |
| -----                         |        |      |          |        |       |             |

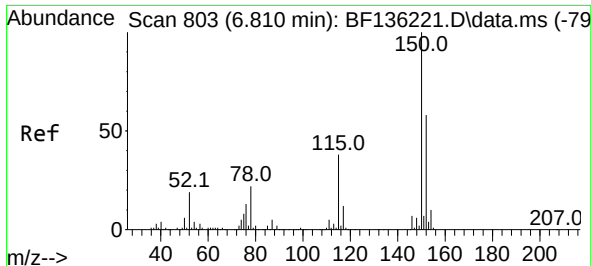
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

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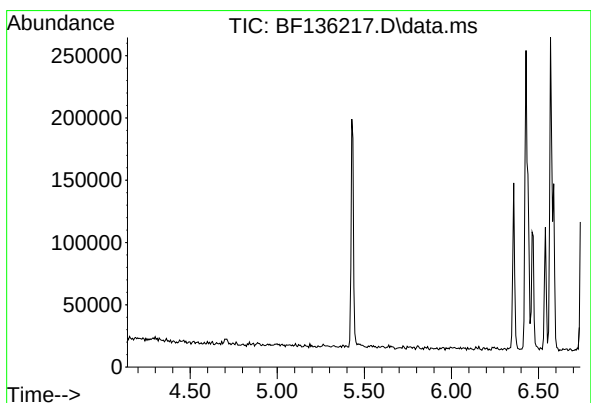
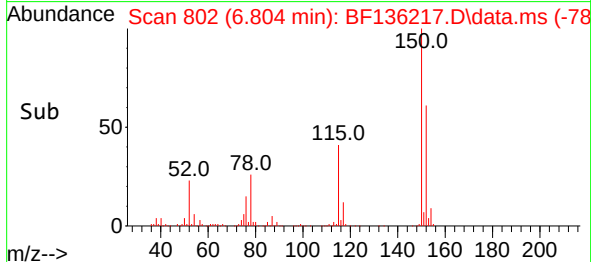
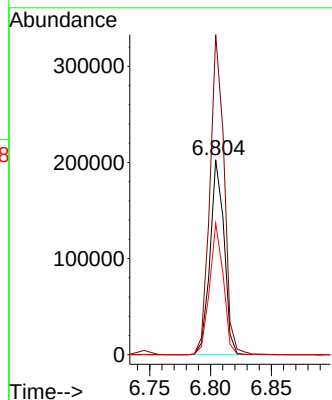
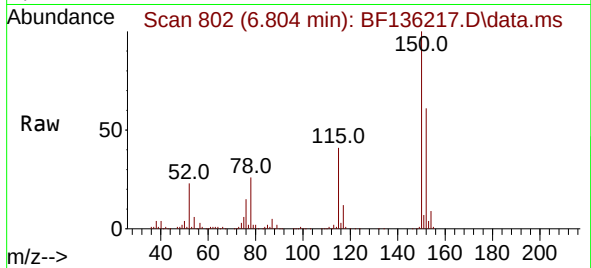




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.804 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF136217.D  
Acq: 27 Nov 2023 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

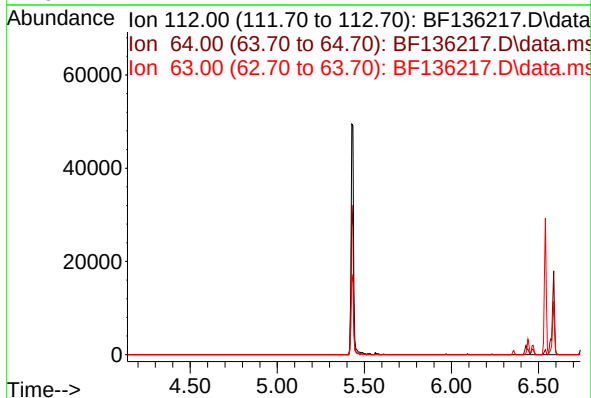
Tgt Ion:152 Resp: 162488  
Ion Ratio Lower Upper  
152 100  
150 164.2 137.8 206.8  
115 67.4 52.7 79.1

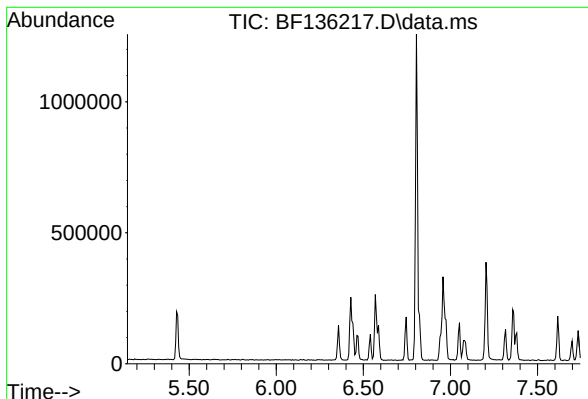


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.44 min

Lab File: BF136217.D  
Acq: 27 Nov 2023 11:49

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 60.3  
63 33.8



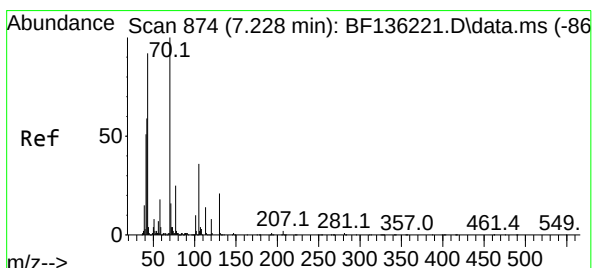
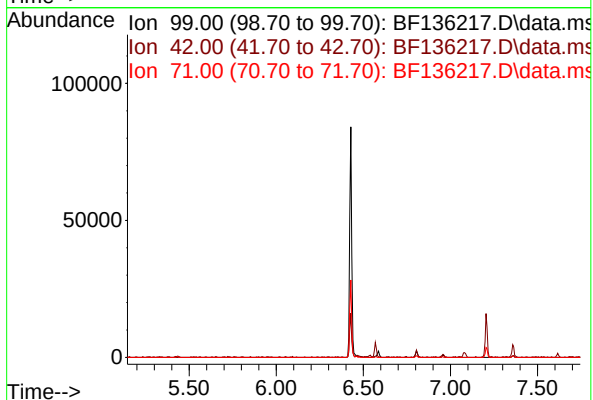


#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 6.45 min  
 Lab File: BF136217.D  
 Acq: 27 Nov 2023 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 99  

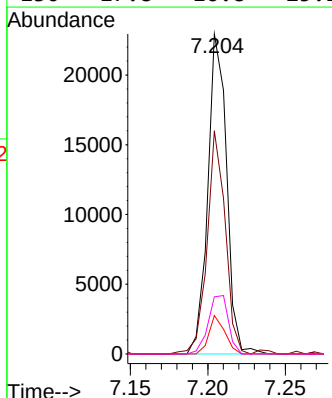
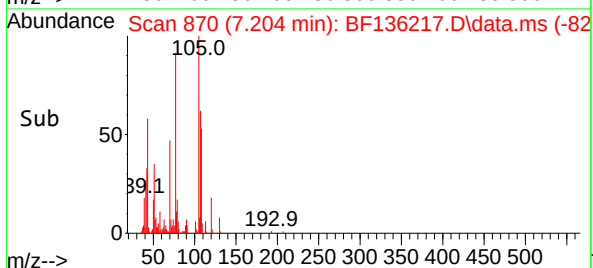
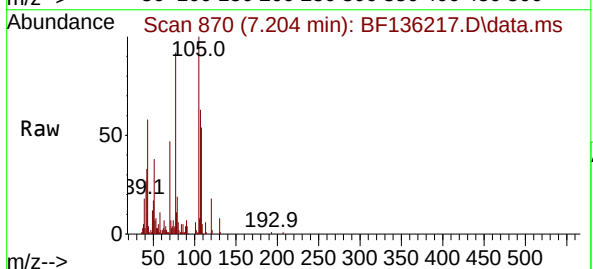
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 18.8      |
| 71  | 36.1      |

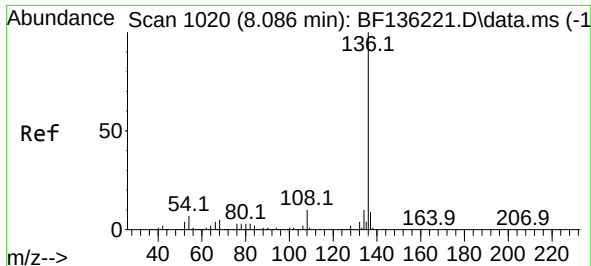


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 2.214 ng  
 RT: 7.204 min Scan# 870  
 Delta R.T. -0.023 min  
 Lab File: BF136217.D  
 Acq: 27 Nov 2023 11:49

Tgt Ion: 70 Resp: 19332  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 69.8  | 47.0  | 70.4  |
| 101 | 12.0  | 7.8   | 11.8  |
| 130 | 17.8  | 16.8  | 25.2  |

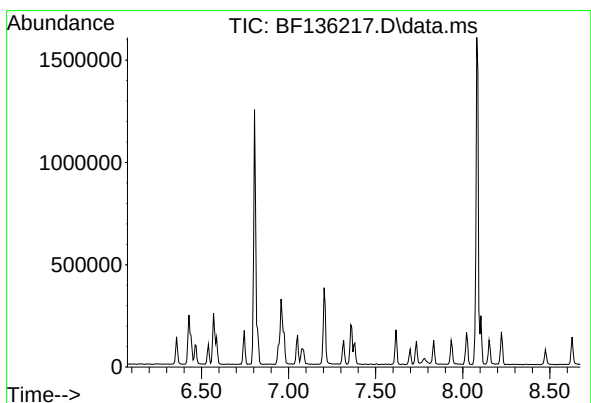
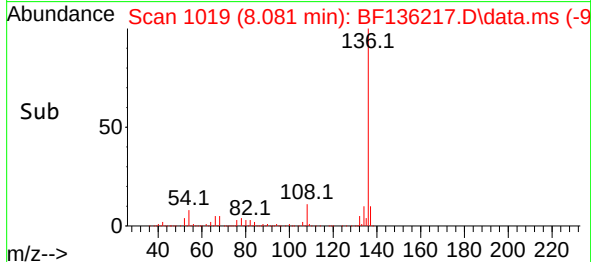
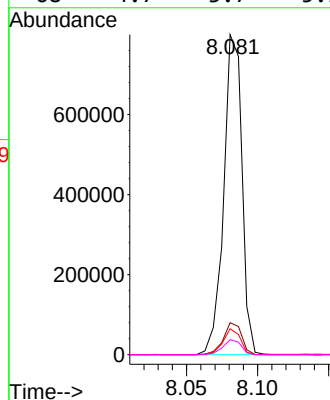
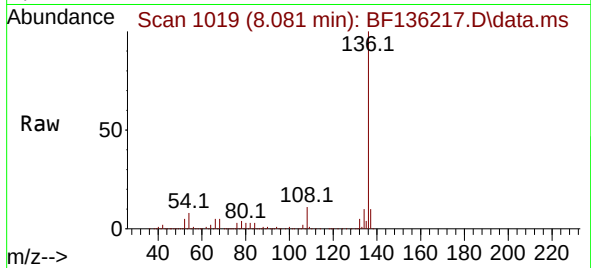




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF136217.D  
Acq: 27 Nov 2023 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

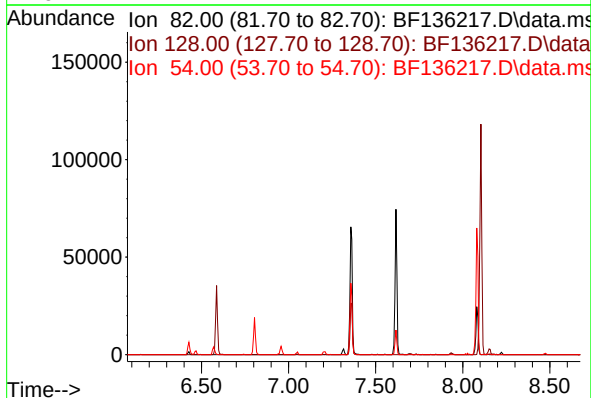
Tgt Ion:136 Resp: 713204  
Ion Ratio Lower Upper  
136 100  
137 10.0 7.4 11.2  
54 8.1 5.5 8.3  
68 4.7 3.7 5.5

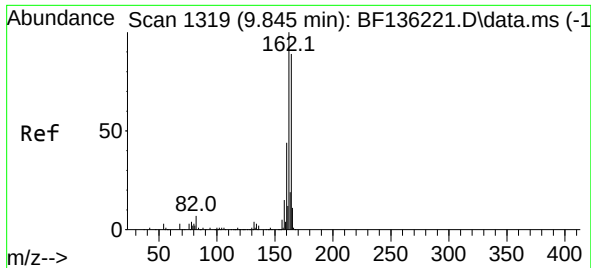


#23  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 7.37 min

Lab File: BF136217.D  
Acq: 27 Nov 2023 11:49

Tgt Ion: 82  
Sig Exp Ratio  
82 100  
128 41.8  
54 52.1

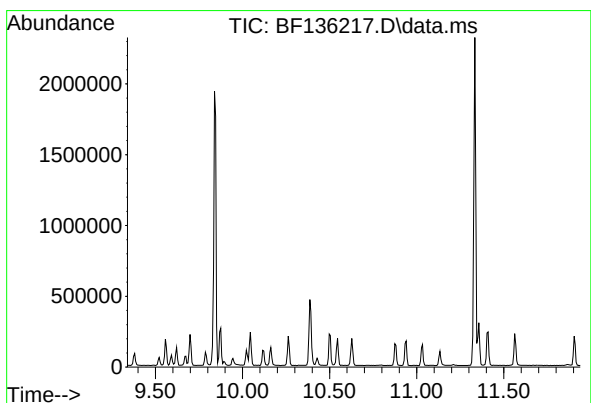
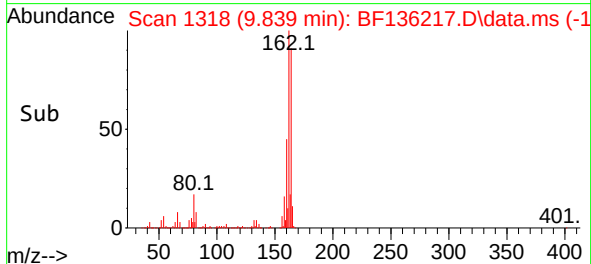
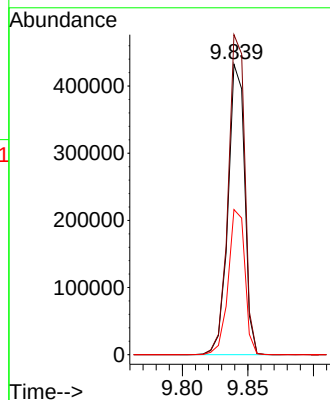
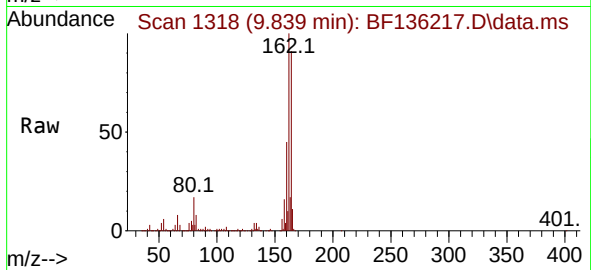




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.839 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136217.D  
Acq: 27 Nov 2023 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

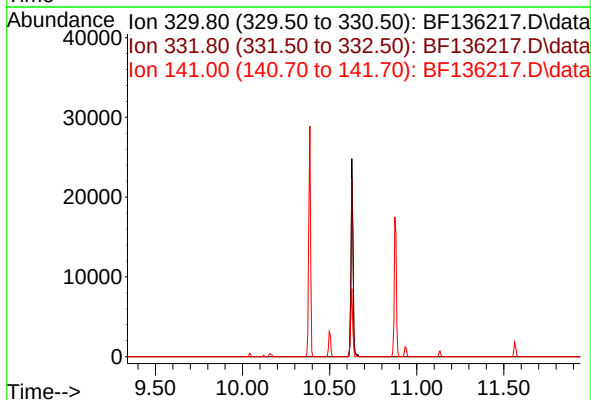
Tgt Ion:164 Resp: 380106  
Ion Ratio Lower Upper  
164 100  
162 110.2 89.5 134.3  
160 50.0 39.6 59.4

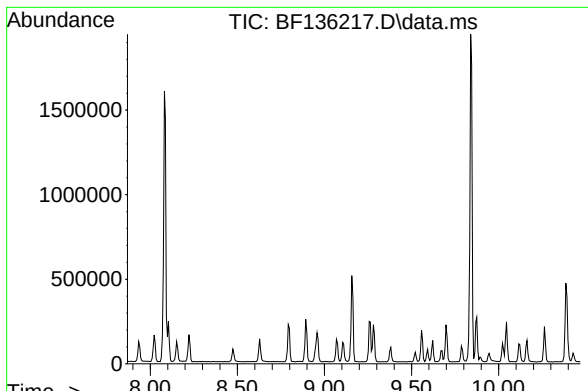


#42  
2,4,6-Tribromophenol  
Concen: 0.000 ng  
Expected RT: 10.64 min

Lab File: BF136217.D  
Acq: 27 Nov 2023 11:49

Tgt Ion: 330  
Sig Exp Ratio  
330 100  
332 91.3  
141 30.2



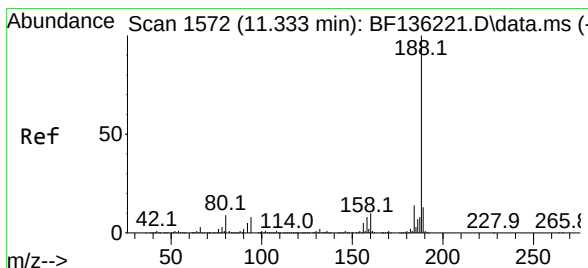
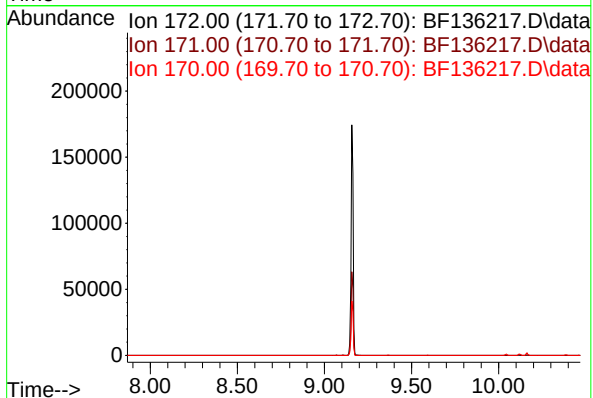


#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 9.17 min  
 Lab File: BF136217.D  
 Acq: 27 Nov 2023 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 172  

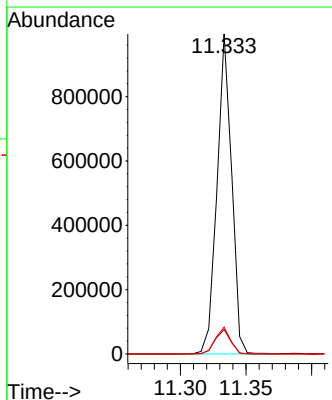
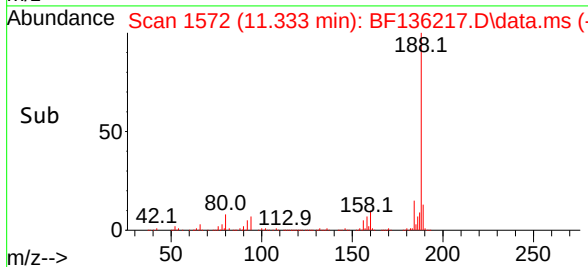
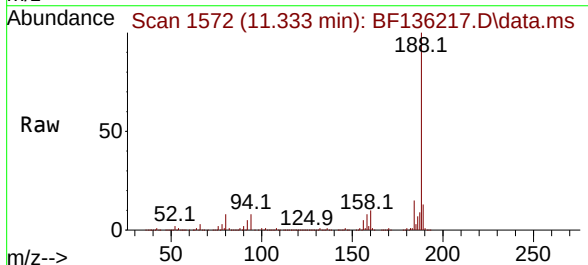
| Sig | Exp Ratio |
|-----|-----------|
| 172 | 100       |
| 171 | 39.4      |
| 170 | 26.0      |

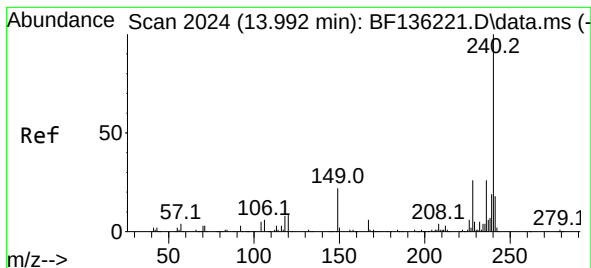


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.333 min Scan# 1572  
 Delta R.T. 0.000 min  
 Lab File: BF136217.D  
 Acq: 27 Nov 2023 11:49

Tgt Ion: 188 Resp: 768969  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.7   | 6.7   | 10.1  |
| 80  | 8.4   | 7.2   | 10.8  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136217.D

Acq: 27 Nov 2023 11:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

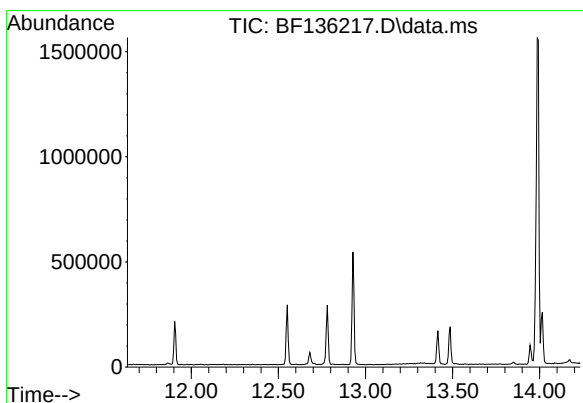
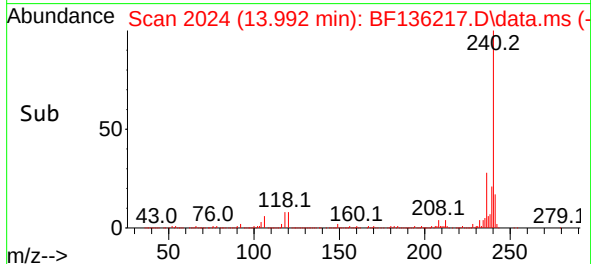
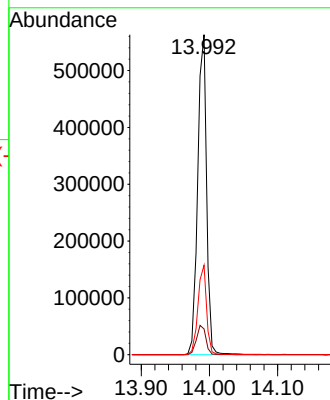
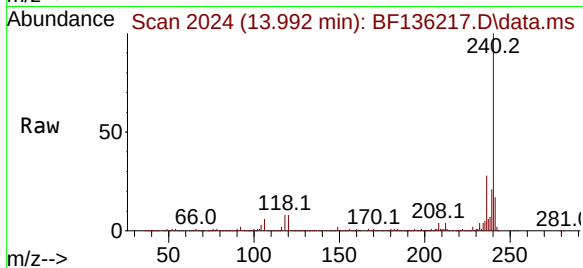
Tgt Ion:240 Resp: 511514

Ion Ratio Lower Upper

240 100

120 8.0 7.4 11.2

236 28.0 21.1 31.7



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 12.93 min

Lab File: BF136217.D

Acq: 27 Nov 2023 11:49

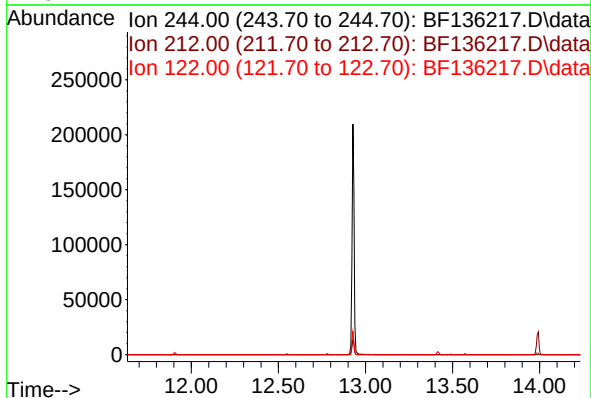
Tgt Ion: 244

Sig Exp Ratio

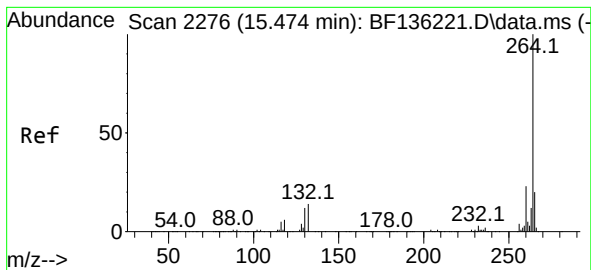
244 100

212 5.8

122 9.1







#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136217.D

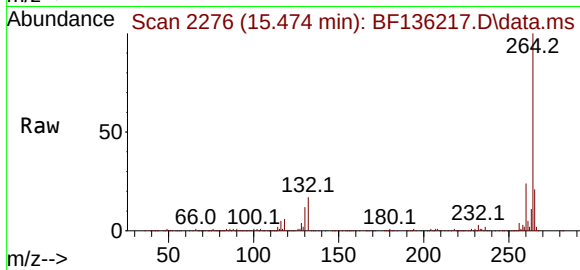
Acq: 27 Nov 2023 11:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:264 Resp: 365085

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 20.6 15.7 23.5

