

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030424\  
 Data File : BF137491.D  
 Acq On : 04 Mar 2024 20:17  
 Operator : CG\JU  
 Sample : P1669-12  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

Quant Time: Mar 04 23:19:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 00:26:53 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.857  | 152  | 216897   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.128  | 136  | 863286   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.886  | 164  | 479037   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.380 | 188  | 797815   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 422157   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.568 | 264  | 388664   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 1756445  | 122.648 | ng    | 0.01     |
| 7) Phenol-d6                | 6.504  | 99   | 2232209  | 107.983 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.416  | 82   | 1644184  | 88.494  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.686 | 330  | 575836   | 136.883 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.210  | 172  | 2607301  | 85.199  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 2834880  | 92.341  | ng    | 0.00     |

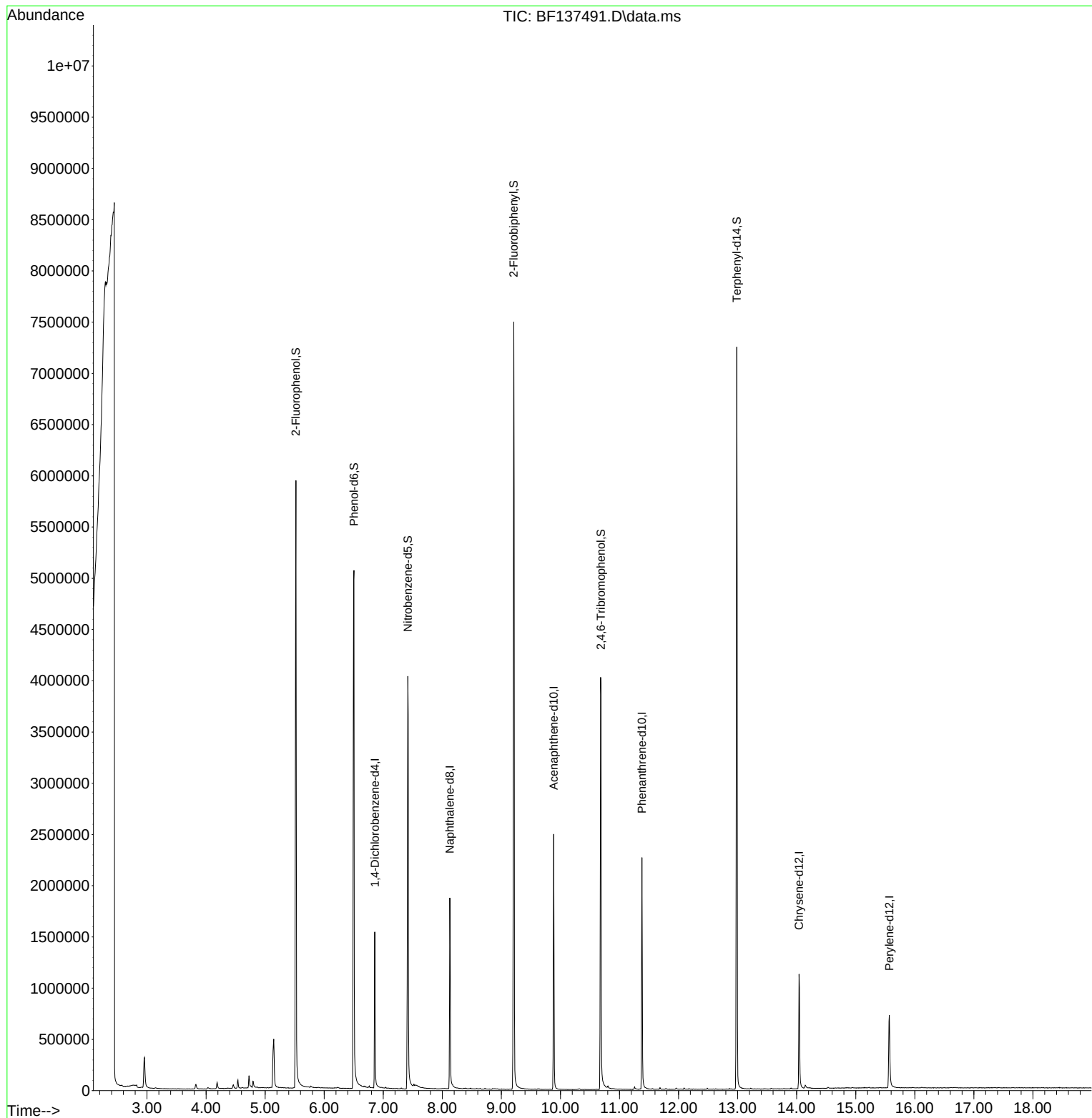
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

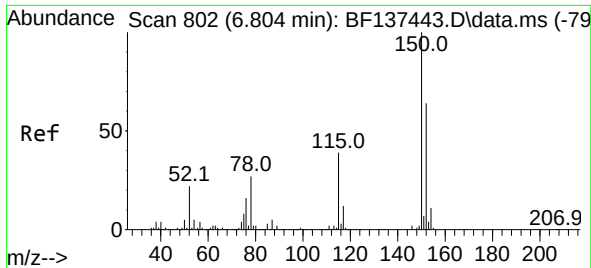
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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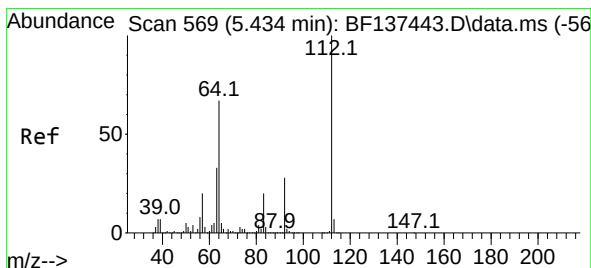
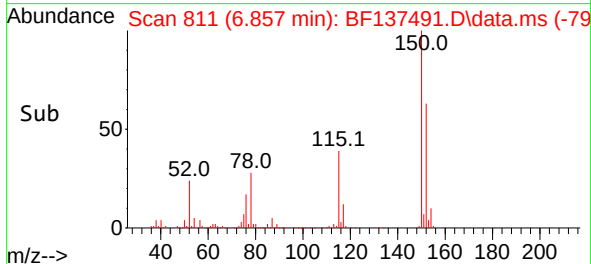
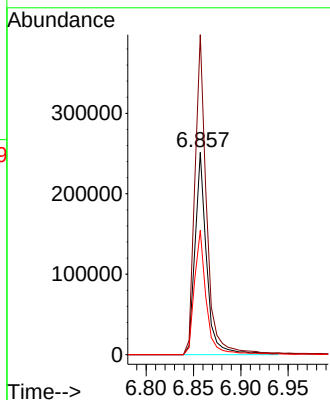
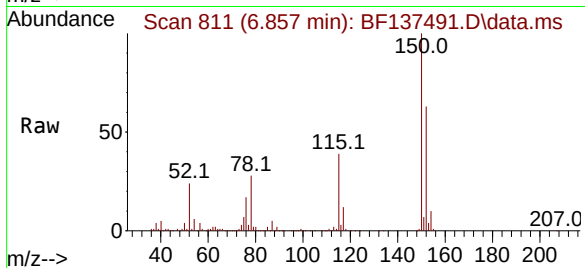




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.857 min Scan# 811  
 Delta R.T. -0.006 min  
 Lab File: BF137491.D  
 Acq: 04 Mar 2024 20:17

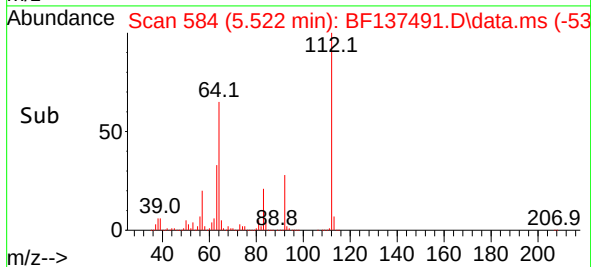
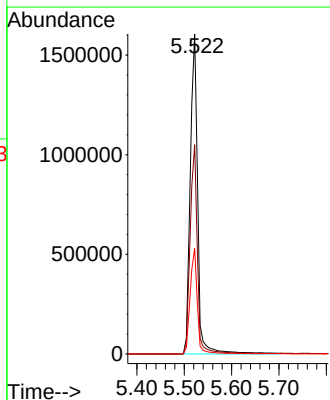
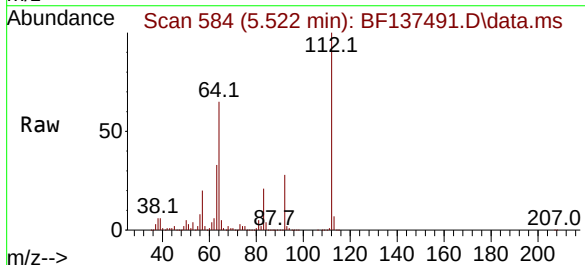
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

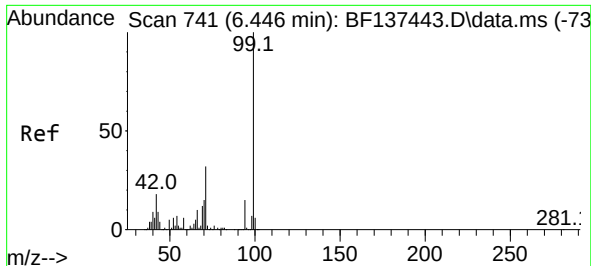
Tgt Ion:152 Resp: 216897  
 Ion Ratio Lower Upper  
 152 100  
 150 158.2 125.8 188.6  
 115 61.5 48.8 73.2



#5  
 2-Fluorophenol  
 Concen: 122.648 ng  
 RT: 5.522 min Scan# 584  
 Delta R.T. 0.012 min  
 Lab File: BF137491.D  
 Acq: 04 Mar 2024 20:17

Tgt Ion:112 Resp: 1756445  
 Ion Ratio Lower Upper  
 112 100  
 64 65.4 53.4 80.2  
 63 33.0 26.2 39.2





#7  
Phenol-d6  
Concen: 107.983 ng  
RT: 6.504 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF137491.D  
Acq: 04 Mar 2024 20:17

Instrument :

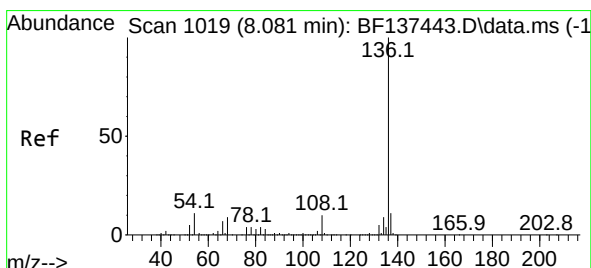
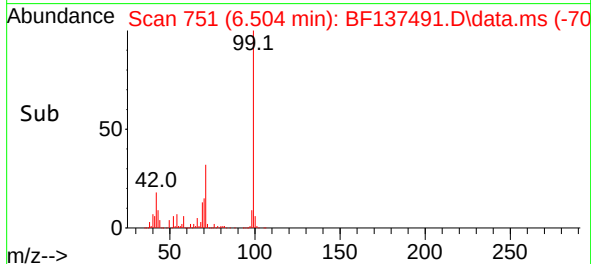
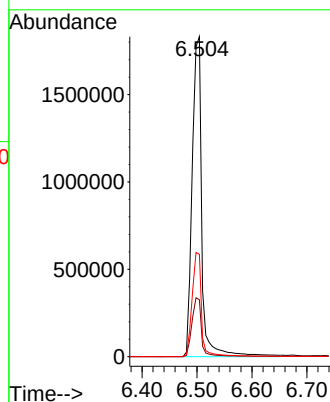
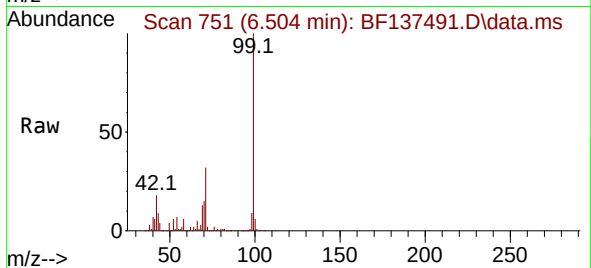
BNA\_F

ClientSampleId :

TP-6

Tgt Ion: 99 Resp: 2232209

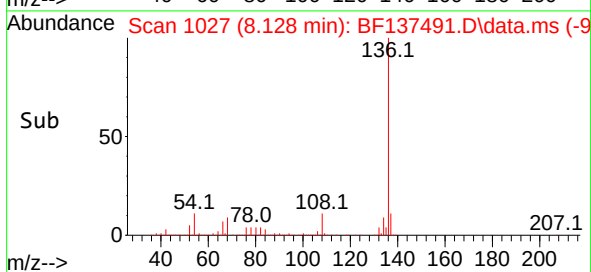
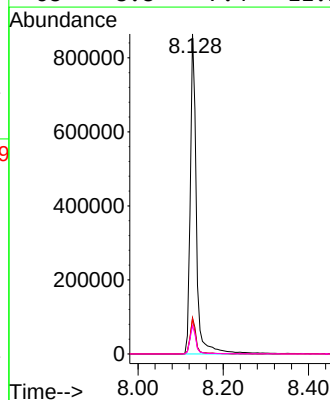
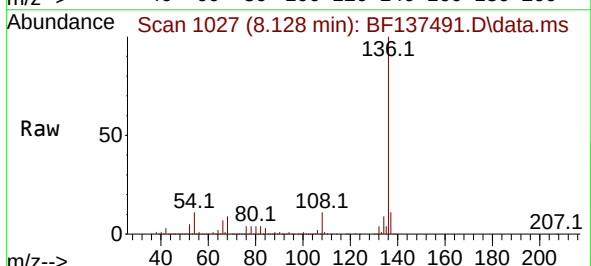
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.8  | 14.6  | 21.8  |
| 71  | 32.0  | 25.3  | 37.9  |

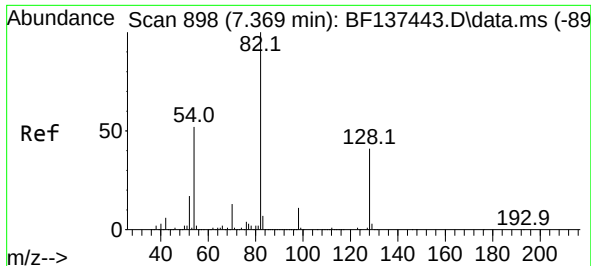


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF137491.D  
Acq: 04 Mar 2024 20:17

Tgt Ion: 136 Resp: 863286

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 9.1   | 13.7  |
| 54  | 11.0  | 8.5   | 12.7  |
| 68  | 8.8   | 7.4   | 11.2  |

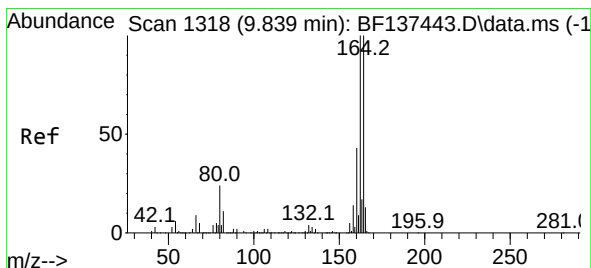
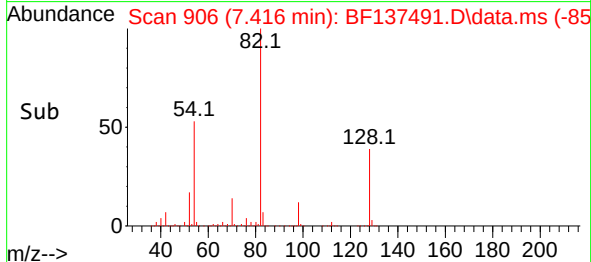
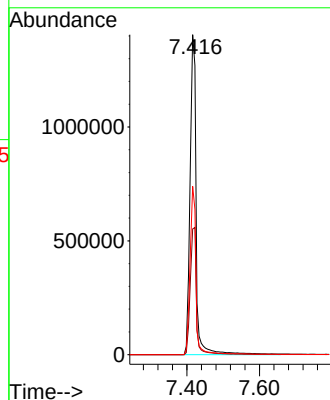
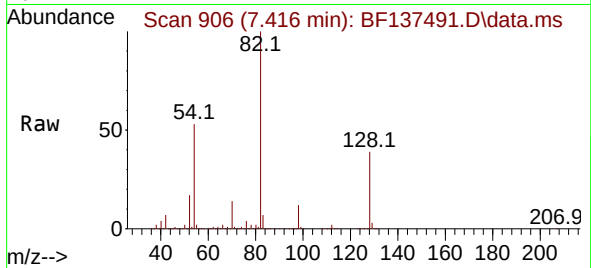




#23  
Nitrobenzene-d5  
Concen: 88.494 ng  
RT: 7.416 min Scan# 906  
Delta R.T. -0.012 min  
Lab File: BF137491.D  
Acq: 04 Mar 2024 20:17

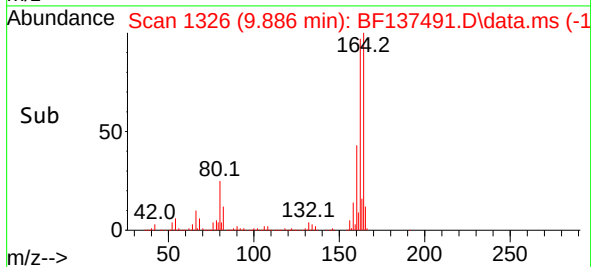
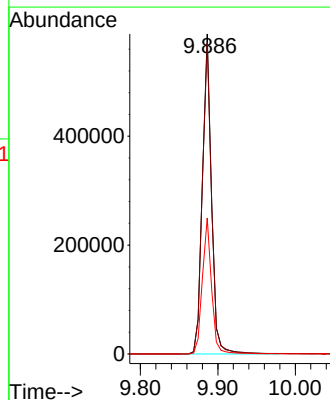
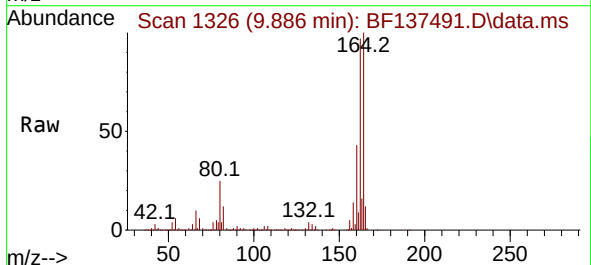
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6

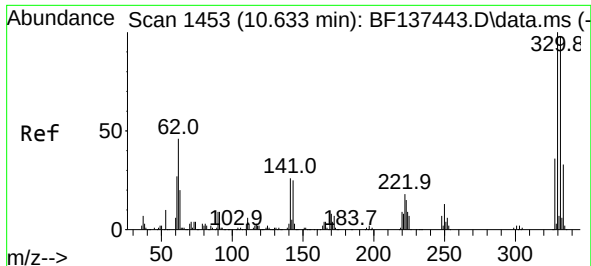
Tgt Ion: 82 Resp: 1644184  
Ion Ratio Lower Upper  
82 100  
128 39.3 32.5 48.7  
54 52.6 41.5 62.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BF137491.D  
Acq: 04 Mar 2024 20:17

Tgt Ion:164 Resp: 479037  
Ion Ratio Lower Upper  
164 100  
162 97.4 79.8 119.8  
160 42.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 136.883 ng

RT: 10.686 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

Instrument :

BNA\_F

ClientSampleId :

TP-6

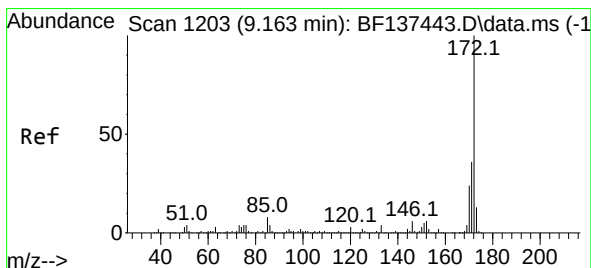
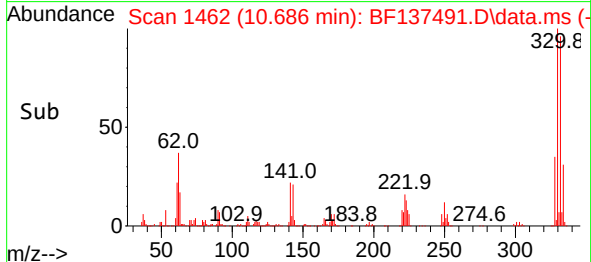
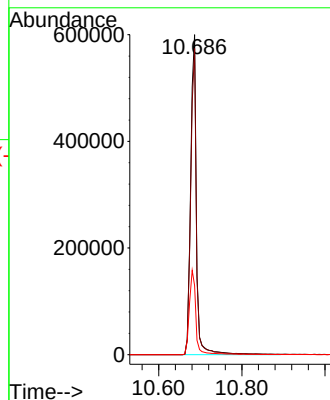
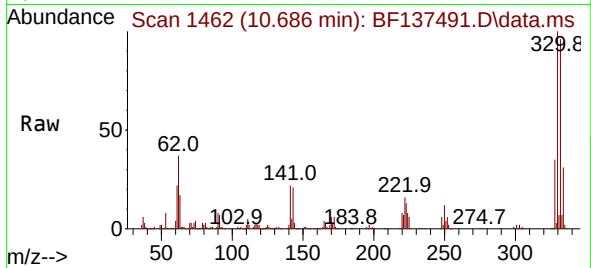
Tgt Ion:330 Resp: 575836

Ion Ratio Lower Upper

330 100

332 94.5 78.0 117.0

141 29.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 85.199 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

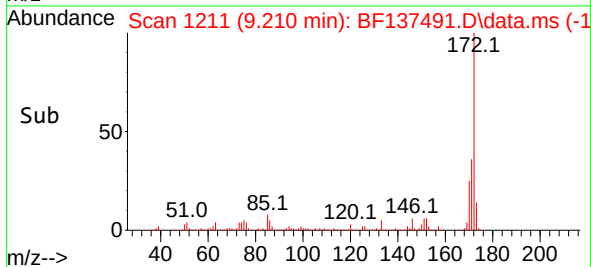
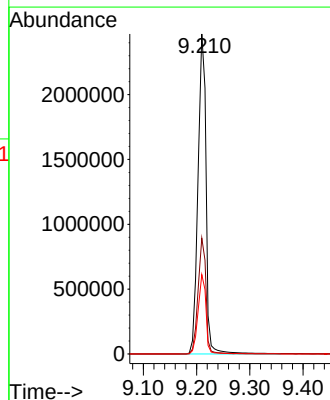
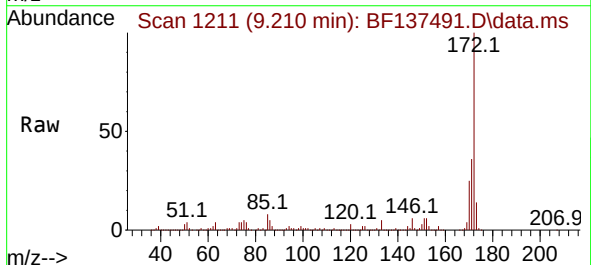
Tgt Ion:172 Resp: 2607301

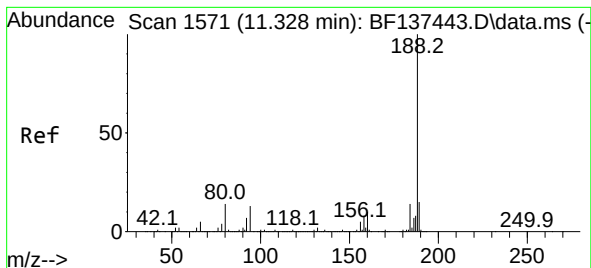
Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 24.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

Instrument :

BNA\_F

ClientSampleId :

TP-6

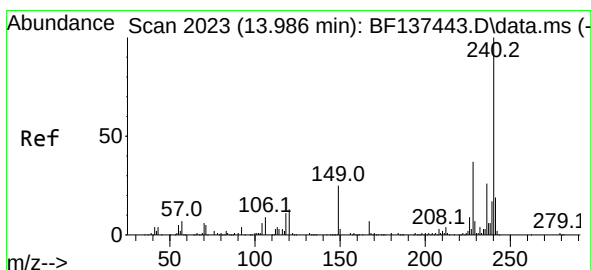
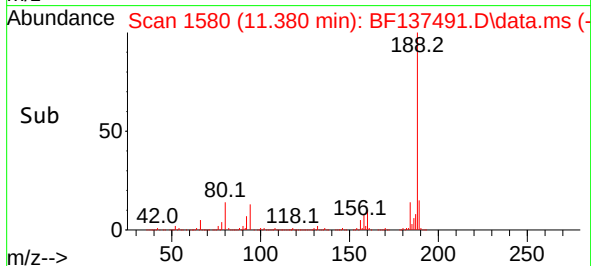
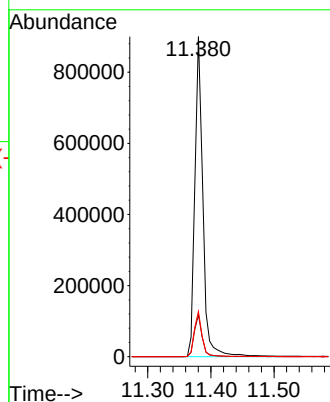
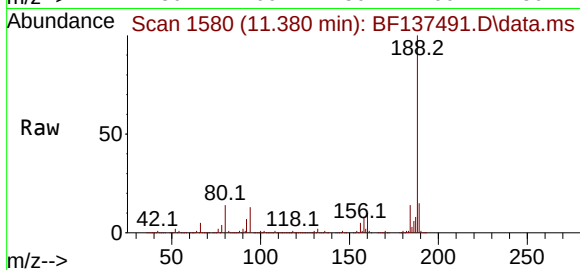
Tgt Ion:188 Resp: 797815

Ion Ratio Lower Upper

188 100

94 13.0 10.6 15.8

80 14.2 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

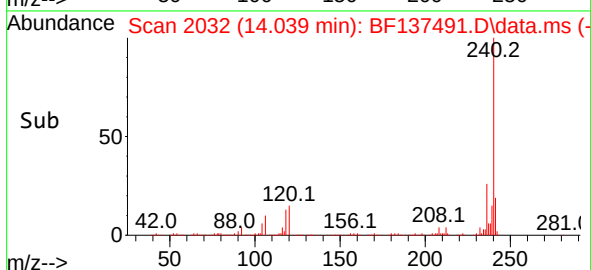
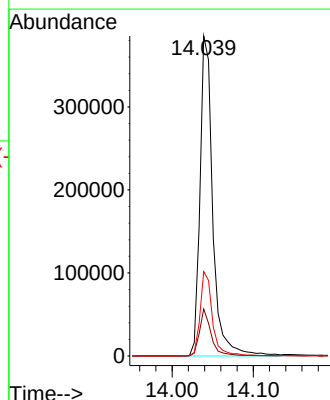
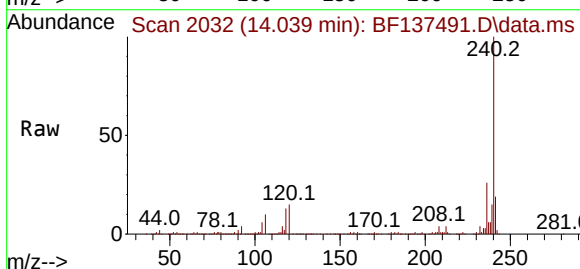
Tgt Ion:240 Resp: 422157

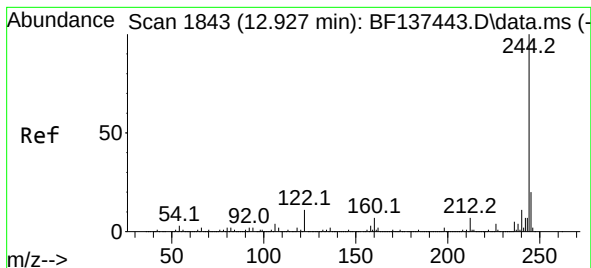
Ion Ratio Lower Upper

240 100

120 14.7 10.4 15.6

236 26.4 20.9 31.3





#79

Terphenyl-d14

Concen: 92.341 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

Instrument :

BNA\_F

ClientSampleId :

TP-6

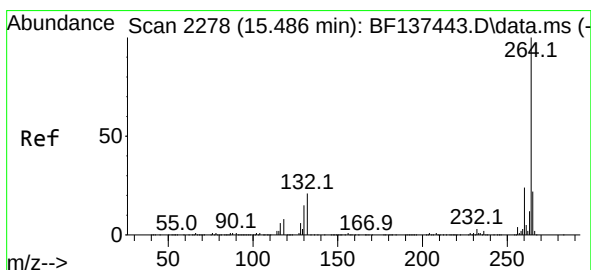
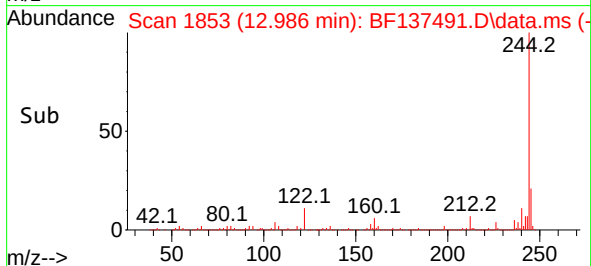
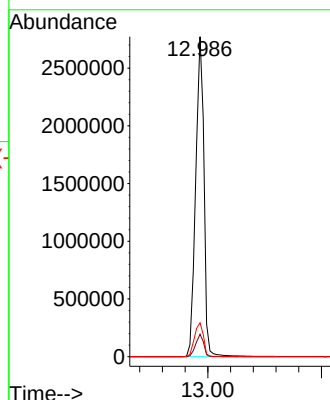
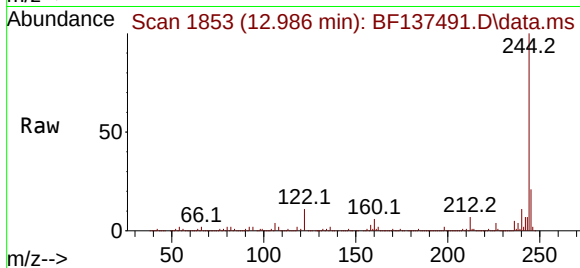
Tgt Ion:244 Resp: 2834880

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.6 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

Tgt Ion:264 Resp: 388664

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 20.8 17.4 26.0

