

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042424\  
 Data File : BF137722.D  
 Acq On : 24 Apr 2024 17:12  
 Operator : CG\JU  
 Sample : P2208-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LNG-11

Quant Time: Apr 24 17:49:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 03:57:12 2024  
 Response via : Initial Calibration

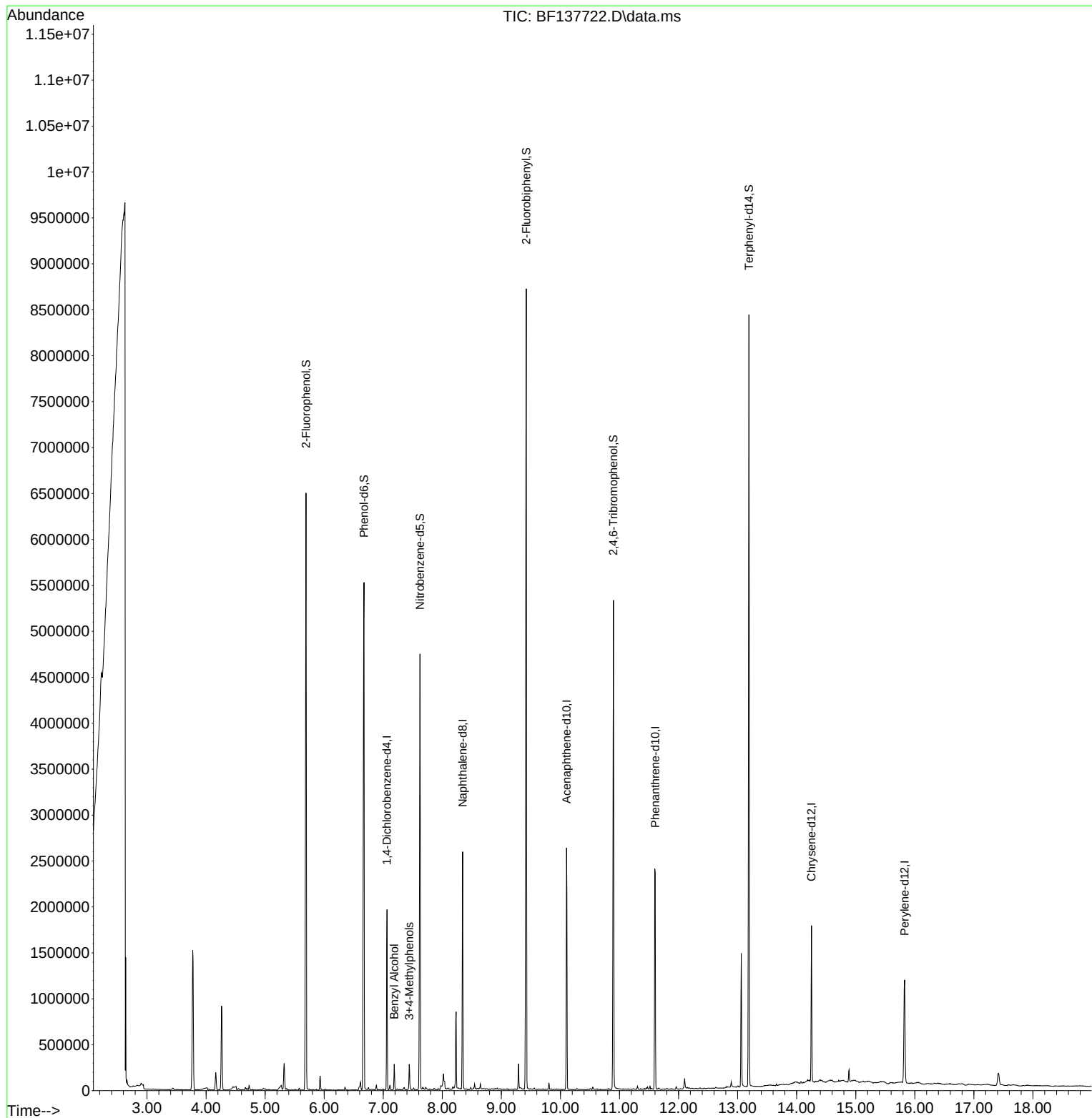
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.063  | 152  | 263474   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.345  | 136  | 1028691  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.104 | 164  | 541711   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.604 | 188  | 890988   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.251 | 240  | 499433   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.827 | 264  | 544453   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.692  | 112  | 1856906  | 107.058 | ng    | 0.01     |
| 7) Phenol-d6                | 6.675  | 99   | 2175516  | 98.770  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.622  | 82   | 1499755  | 77.391  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.898 | 330  | 640489   | 117.171 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.422  | 172  | 2773207  | 76.494  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.192 | 244  | 2876748  | 92.711  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 15) Benzyl Alcohol          | 7.186  | 79   | 45273    | 2.748   | ng    | 98       |
| 20) 3+4-Methylphenols       | 7.439  | 107  | 56614    | 2.725   | ng    | 93       |
| -----                       |        |      |          |         |       |          |

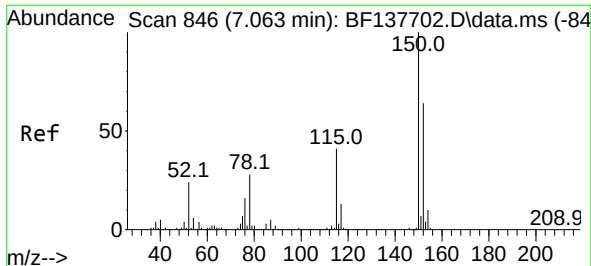
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042424\  
Data File : BF137722.D  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LNG-11

Quant Time: Apr 24 17:49:01 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 24 03:57:12 2024  
Response via : Initial Calibration

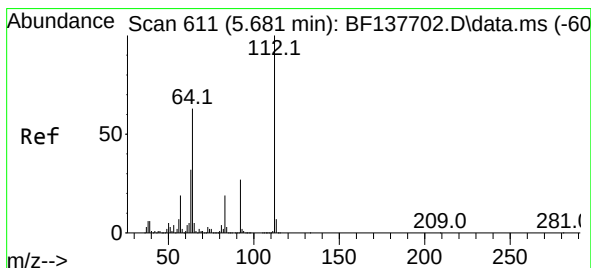
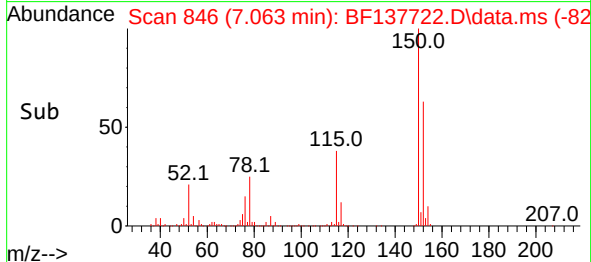
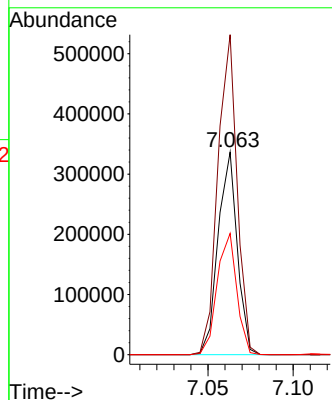
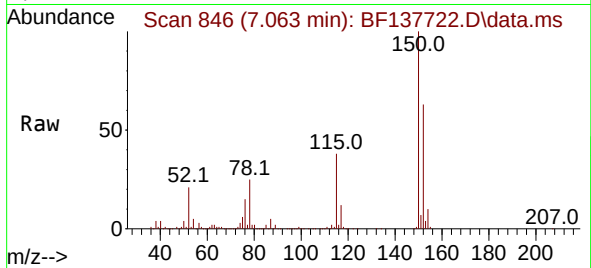




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.063 min Scan# 846  
 Delta R.T. -0.000 min  
 Lab File: BF137722.D  
 Acq: 24 Apr 2024 17:12

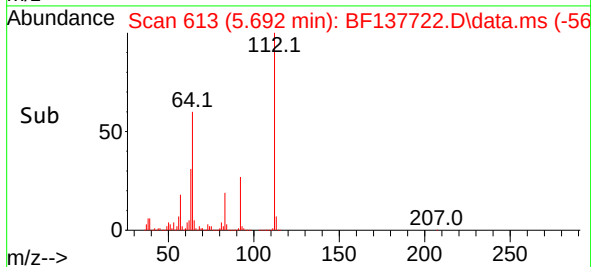
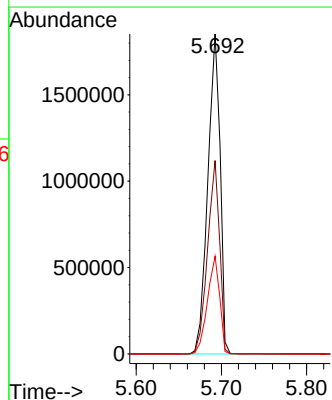
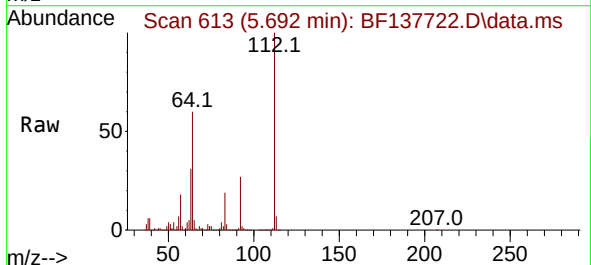
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LNG-11

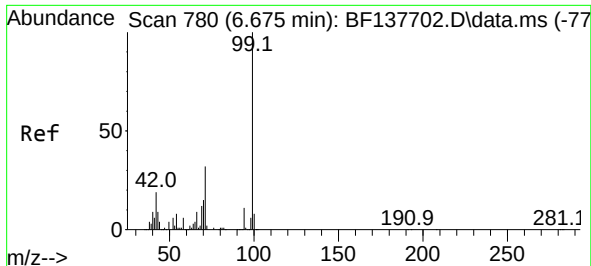
Tgt Ion:152 Resp: 263474  
 Ion Ratio Lower Upper  
 152 100  
 150 158.0 124.2 186.4  
 115 59.9 50.8 76.2



#5  
 2-Fluorophenol  
 Concen: 107.058 ng  
 RT: 5.692 min Scan# 613  
 Delta R.T. 0.012 min  
 Lab File: BF137722.D  
 Acq: 24 Apr 2024 17:12

Tgt Ion:112 Resp: 1856906  
 Ion Ratio Lower Upper  
 112 100  
 64 60.5 50.1 75.1  
 63 30.5 25.2 37.8



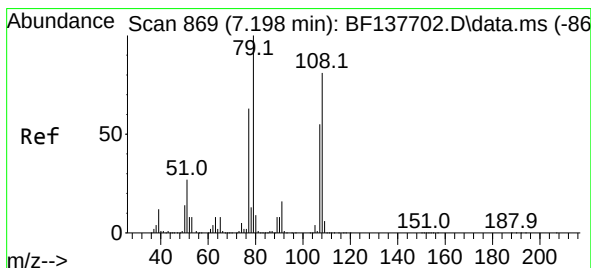
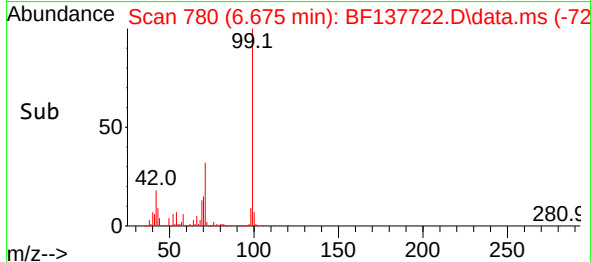
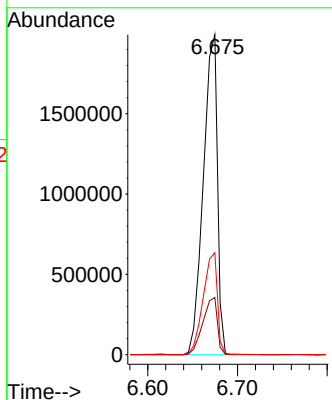
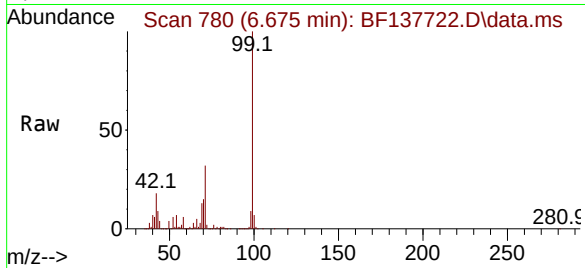


#7  
Phenol-d6  
Concen: 98.770 ng  
RT: 6.675 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF137722.D  
Acq: 24 Apr 2024 17:12

Instrument :  
BNA\_F  
ClientSampleId :  
LNG-11

Tgt Ion: 99 Resp: 2175516

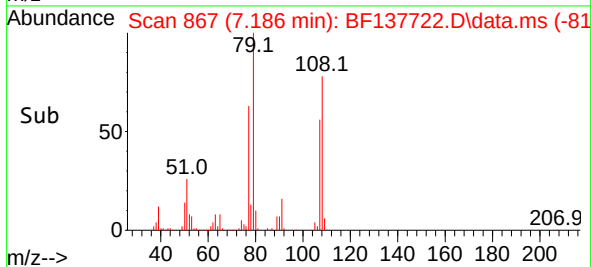
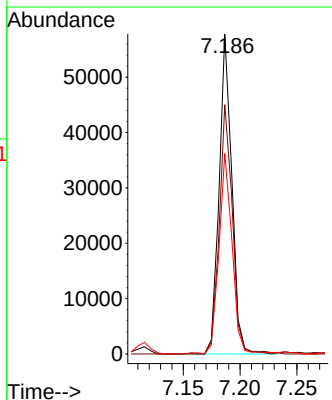
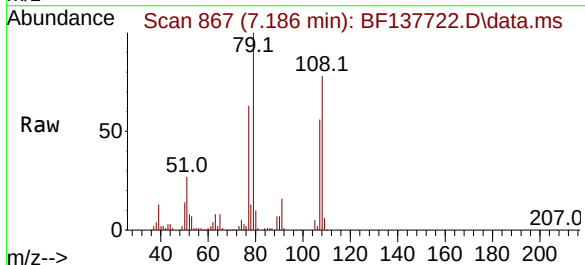
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.9  | 15.0  | 22.4  |
| 71  | 31.8  | 25.7  | 38.5  |

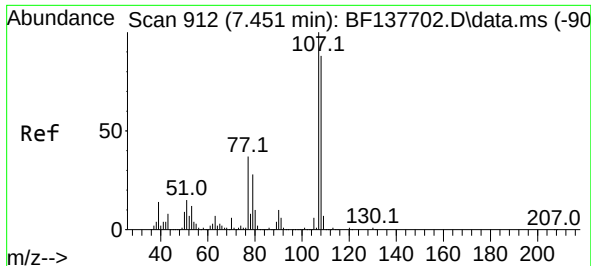


#15  
Benzyl Alcohol  
Concen: 2.748 ng  
RT: 7.186 min Scan# 867  
Delta R.T. -0.012 min  
Lab File: BF137722.D  
Acq: 24 Apr 2024 17:12

Tgt Ion: 79 Resp: 45273

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 77.9  | 64.8  | 97.2  |
| 77  | 62.7  | 50.3  | 75.5  |





#20

3+4-Methylphenols

Concen: 2.725 ng

RT: 7.439 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137722.D

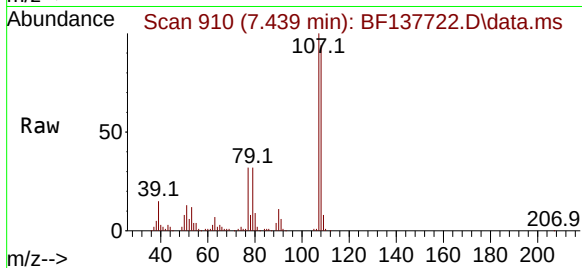
Acq: 24 Apr 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

LNG-11



Tgt Ion:107 Resp: 56614

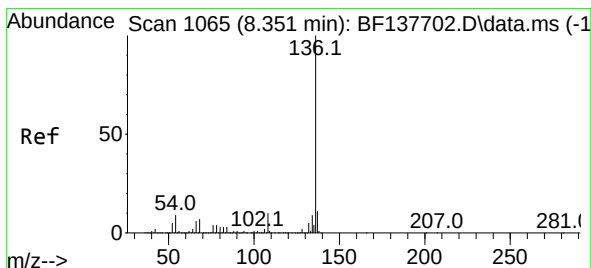
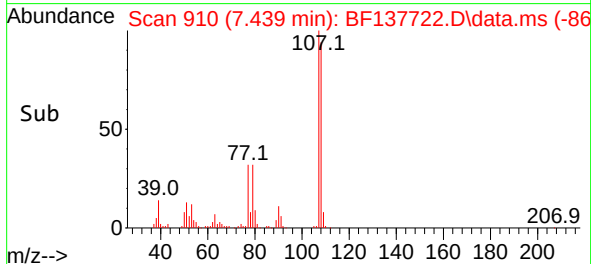
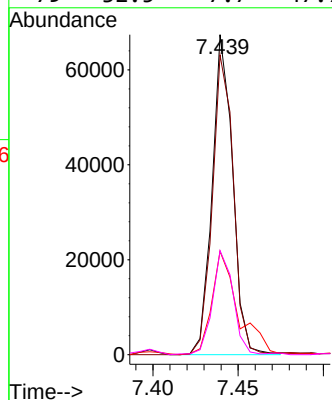
Ion Ratio Lower Upper

107 100

108 93.7 68.2 108.2

77 32.3 16.8 56.8

79 32.5 7.7 47.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.345 min Scan# 1064

Delta R.T. -0.006 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

Tgt Ion:136 Resp: 1028691

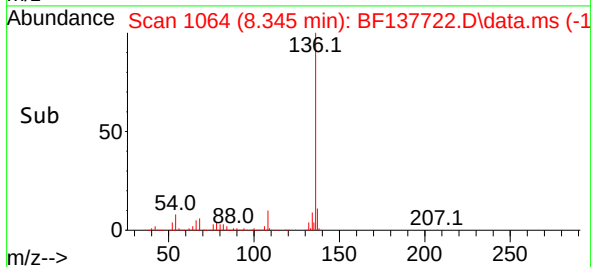
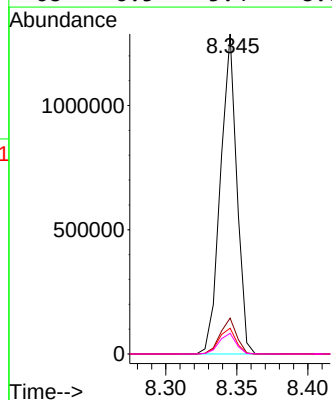
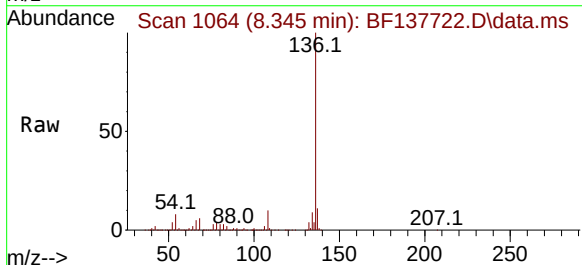
Ion Ratio Lower Upper

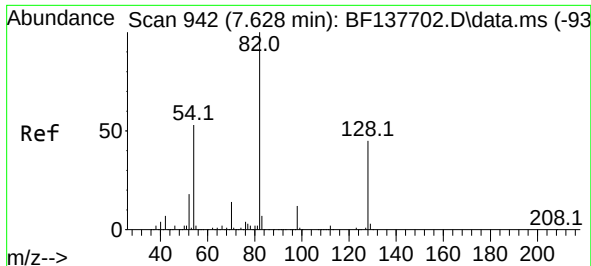
136 100

137 11.2 8.8 13.2

54 8.1 6.9 10.3

68 6.5 5.4 8.0

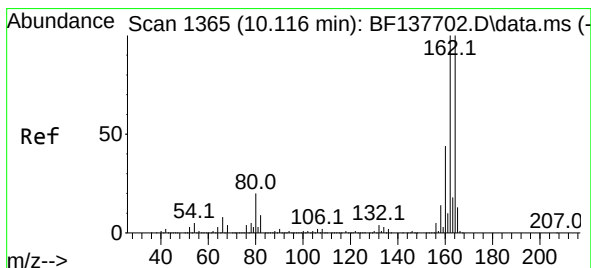
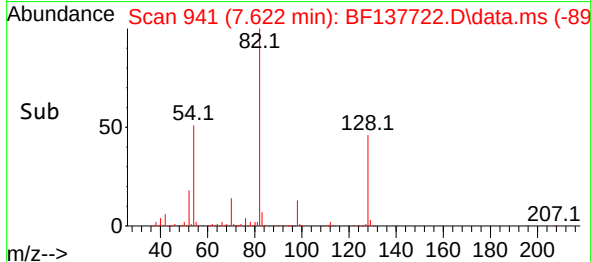
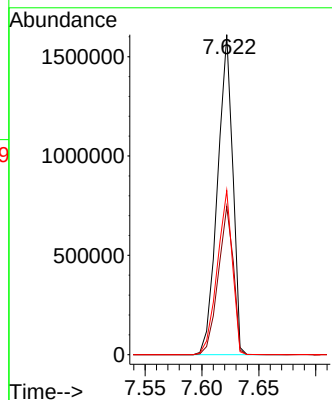
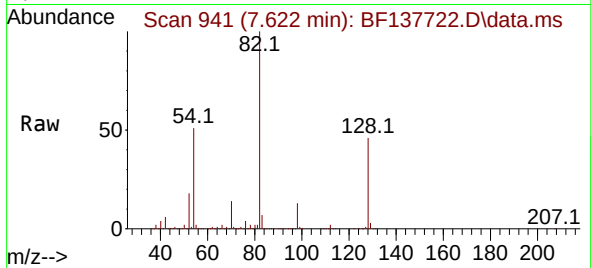




#23  
Nitrobenzene-d5  
Concen: 77.391 ng  
RT: 7.622 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF137722.D  
Acq: 24 Apr 2024 17:12

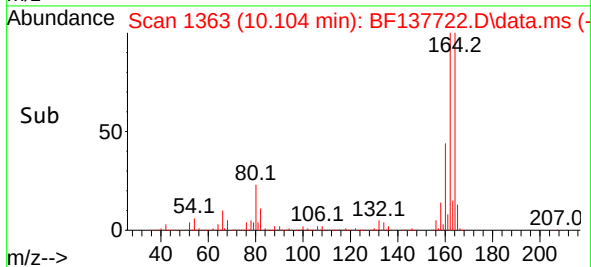
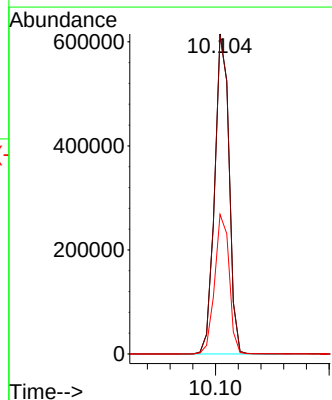
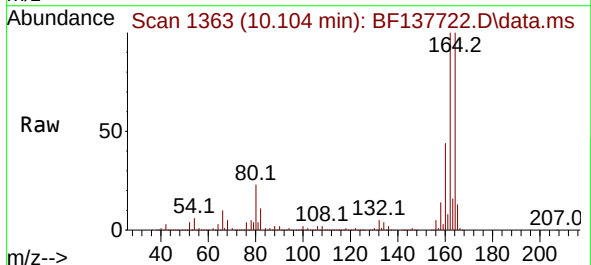
Instrument :  
BNA\_F  
ClientSampleId :  
LNG-11

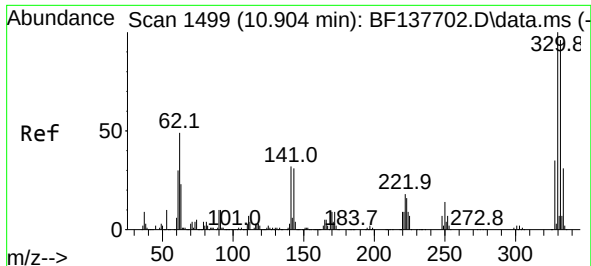
Tgt Ion: 82 Resp: 1499755  
Ion Ratio Lower Upper  
82 100  
128 46.3 35.8 53.6  
54 51.3 42.5 63.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.104 min Scan# 1363  
Delta R.T. -0.012 min  
Lab File: BF137722.D  
Acq: 24 Apr 2024 17:12

Tgt Ion:164 Resp: 541711  
Ion Ratio Lower Upper  
164 100  
162 99.6 80.3 120.5  
160 43.6 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 117.171 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

LNG-11

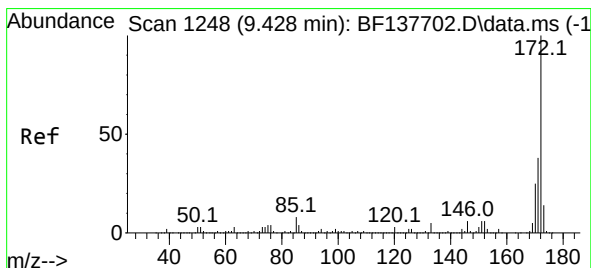
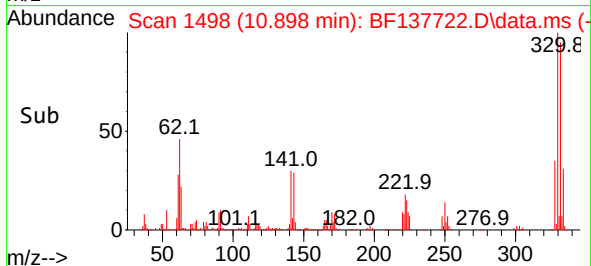
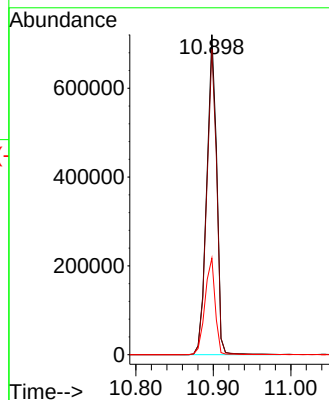
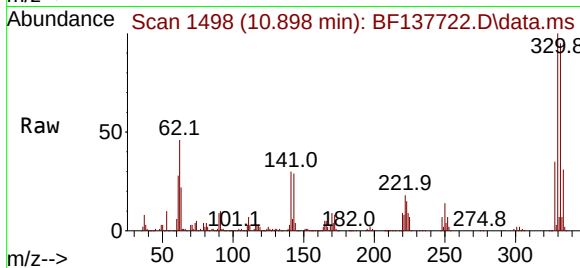
Tgt Ion:330 Resp: 640489

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 31.0 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 76.494 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

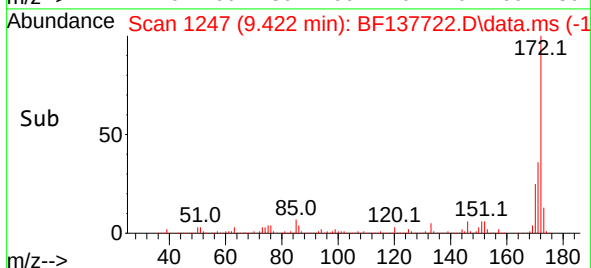
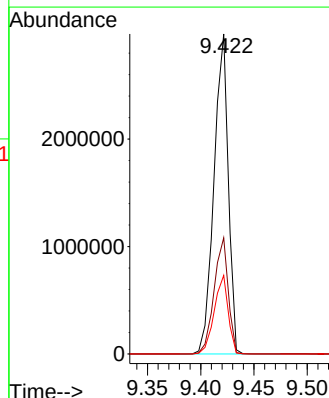
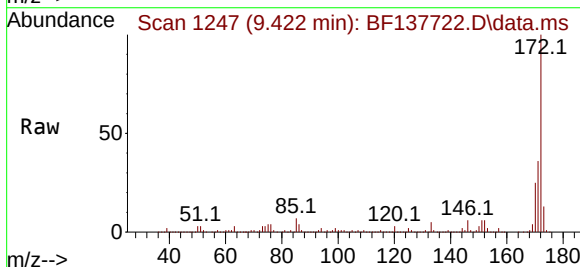
Tgt Ion:172 Resp: 2773207

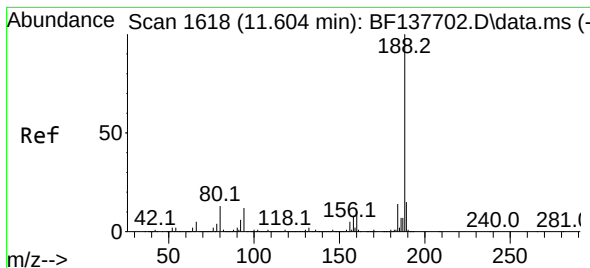
Ion Ratio Lower Upper

172 100

171 36.3 30.2 45.4

170 24.6 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

LNG-11

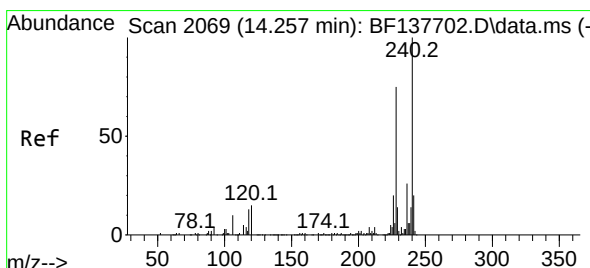
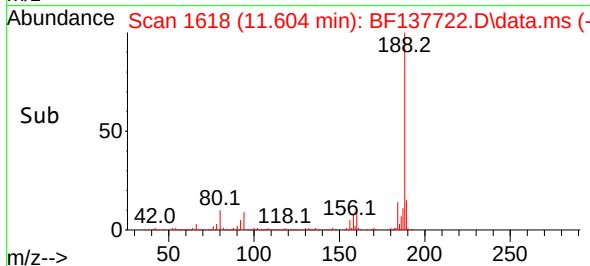
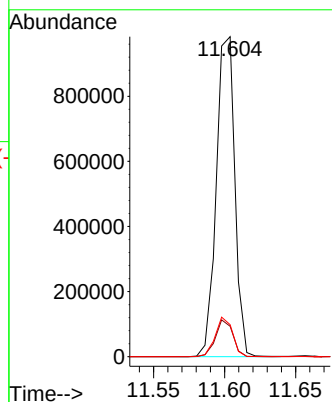
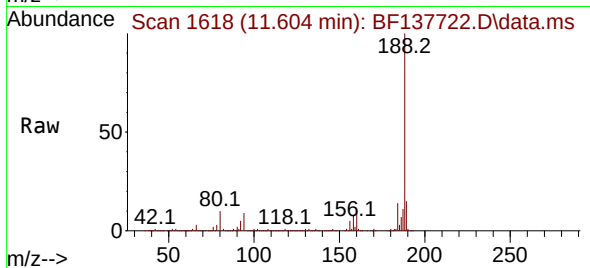
Tgt Ion:188 Resp: 890988

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

80 10.0 10.2 15.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

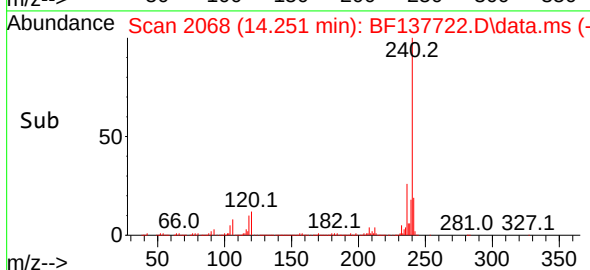
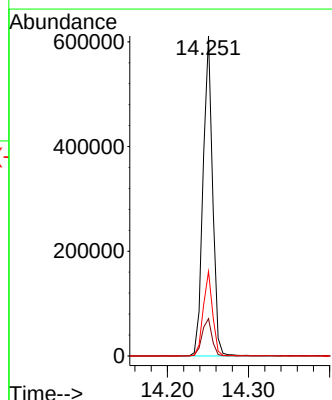
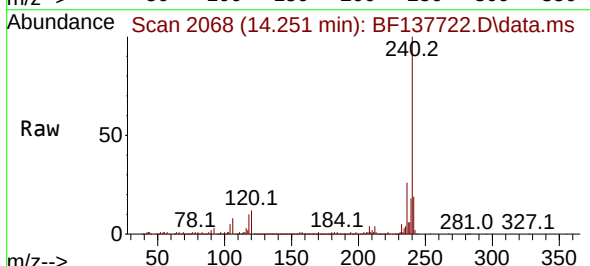
Tgt Ion:240 Resp: 499433

Ion Ratio Lower Upper

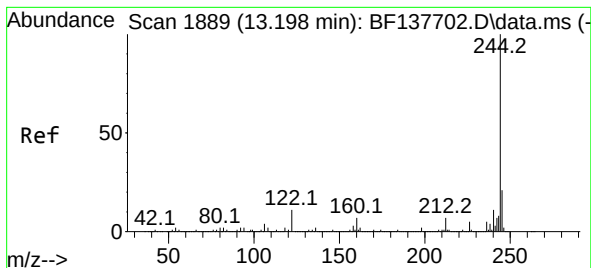
240 100

120 11.7 11.9 17.9#

236 26.4 20.8 31.2







#79

Terphenyl-d14

Concen: 92.711 ng

RT: 13.192 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

LNG-11

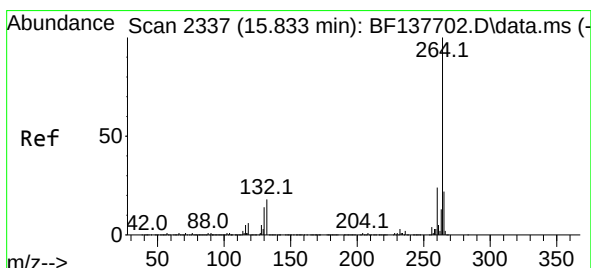
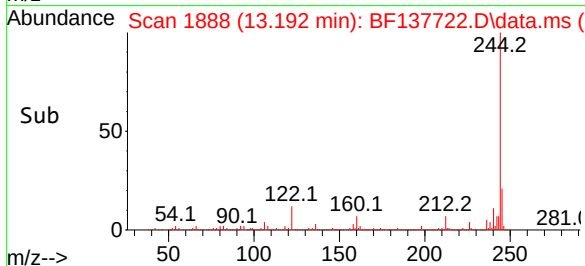
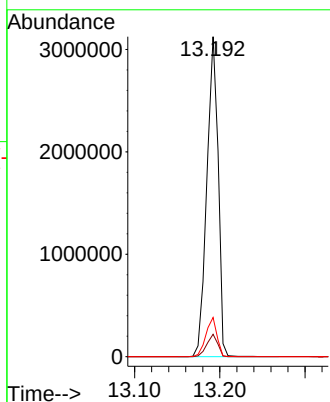
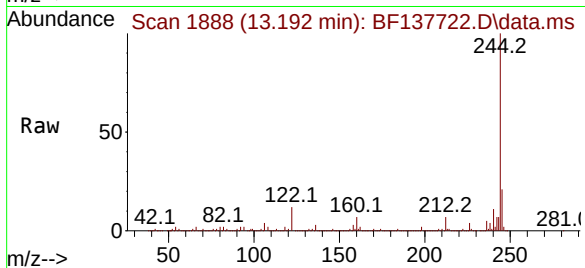
Tgt Ion:244 Resp: 2876748

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 12.2 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

Tgt Ion:264 Resp: 544453

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.3 17.5 26.3

