

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080124\  
Data File : BF138720.D  
Acq On : 01 Aug 2024 12:51  
Operator : RC/JU  
Sample : P3379-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OU4-PCS-02-072324

Quant Time: Aug 01 13:15:39 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 30 17:50:01 2024  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.845  | 152  | 66668    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 275852   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.875  | 164  | 157049   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 270380   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.004 | 240  | 129760   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.468 | 264  | 128780   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 185999   | 43.067  | ng    | 0.00     |
| 7) Phenol-d6                | 6.481  | 99   | 286841   | 49.468  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 181412   | 32.153  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 135269   | 105.150 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 409988   | 39.224  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 624957   | 80.637  | ng    | 0.00     |

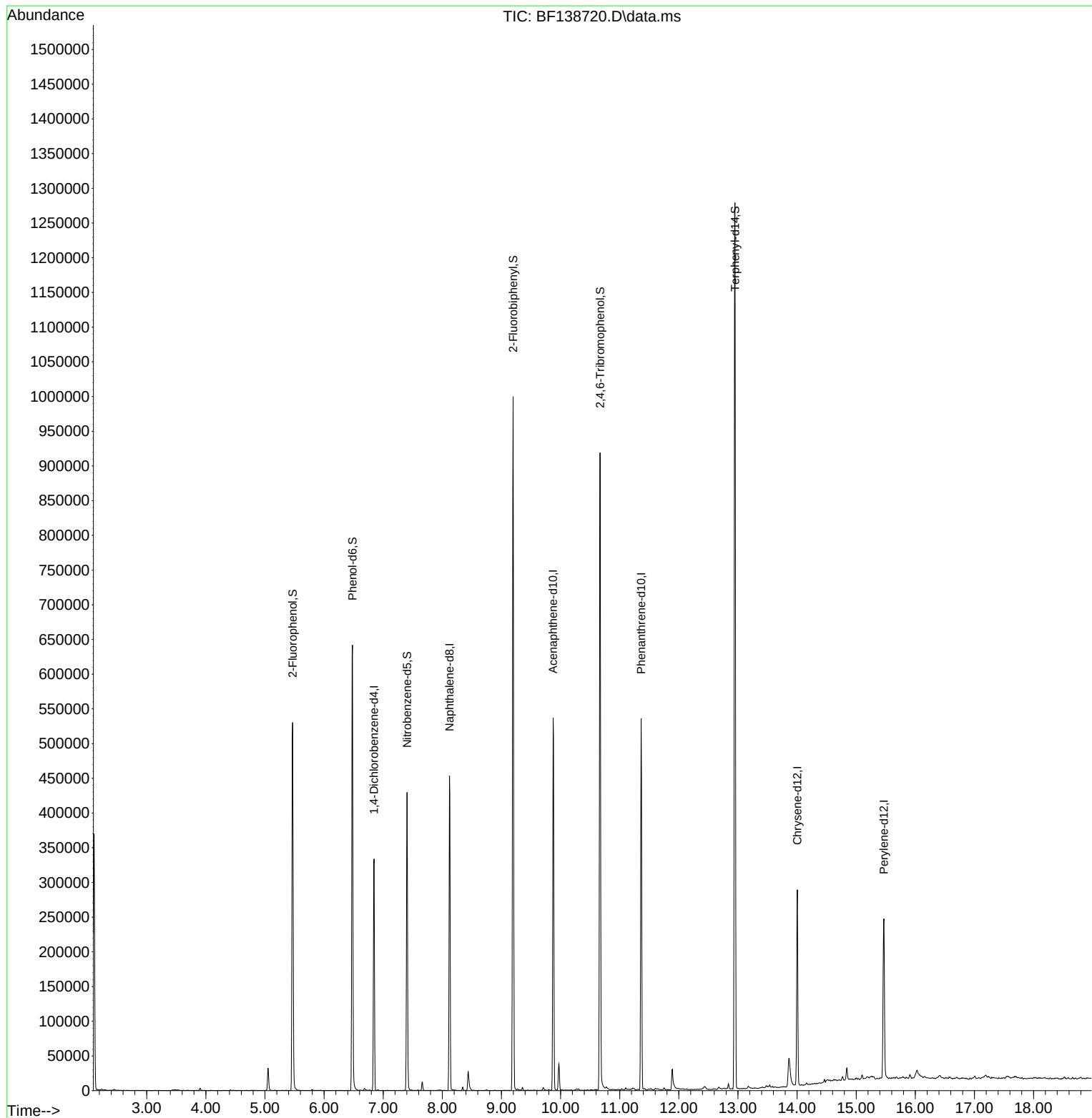
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

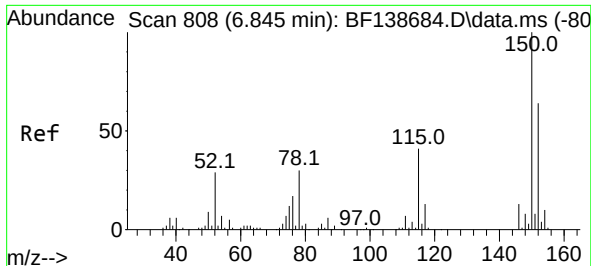
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080124\  
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OU4-PCS-02-072324

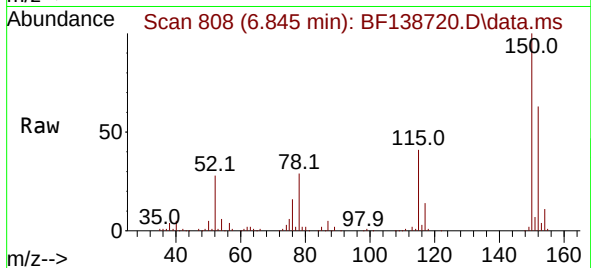
Quant Time: Aug 01 13:15:39 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 30 17:50:01 2024  
Response via : Initial Calibration



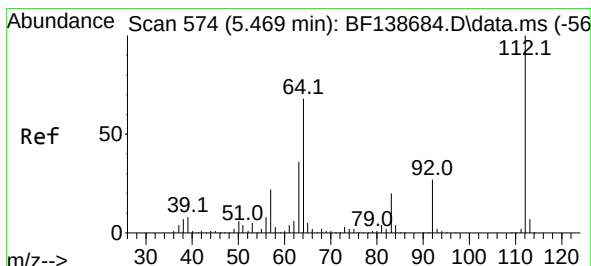
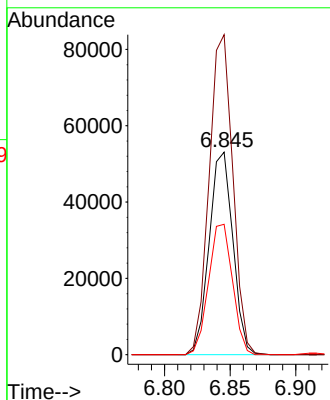
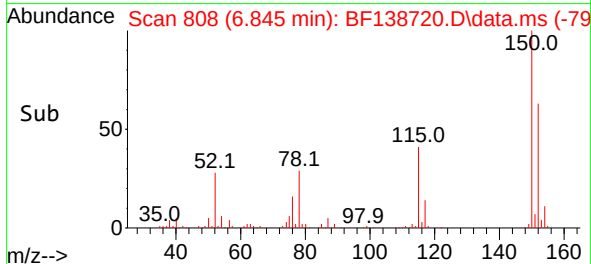


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 808  
Delta R.T. 0.000 min  
Lab File: BF138720.D  
Acq: 01 Aug 2024 12:51

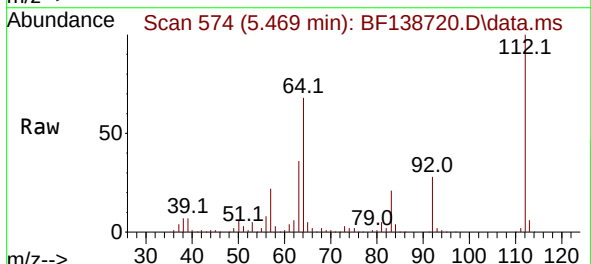
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-PCS-02-072324



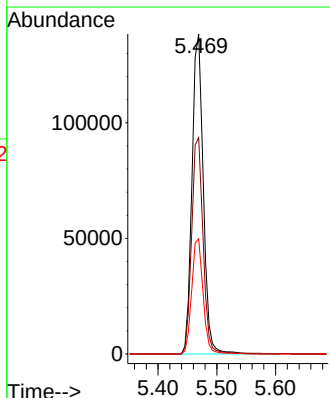
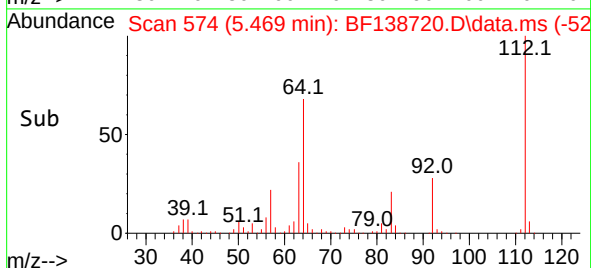
Tgt Ion:152 Resp: 66668  
Ion Ratio Lower Upper  
152 100  
150 158.0 126.0 189.0  
115 64.4 51.7 77.5

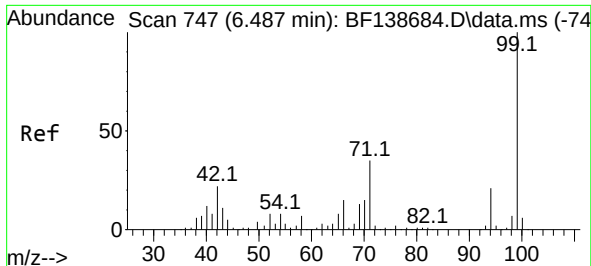


#5  
2-Fluorophenol  
Concen: 43.067 ng  
RT: 5.469 min Scan# 574  
Delta R.T. 0.000 min  
Lab File: BF138720.D  
Acq: 01 Aug 2024 12:51



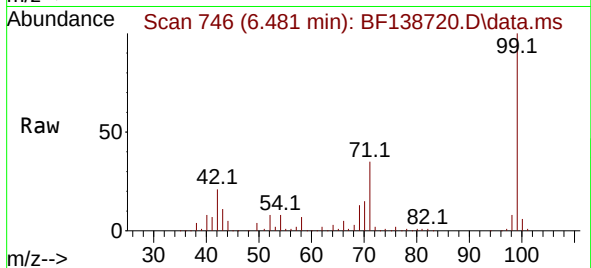
Tgt Ion:112 Resp: 185999  
Ion Ratio Lower Upper  
112 100  
64 67.6 54.2 81.4  
63 36.0 28.7 43.1





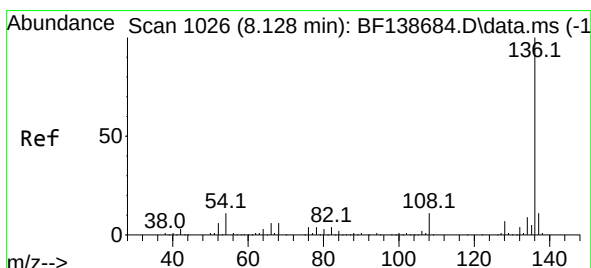
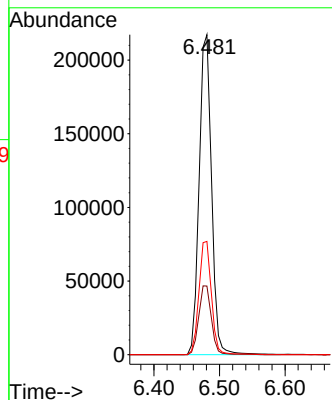
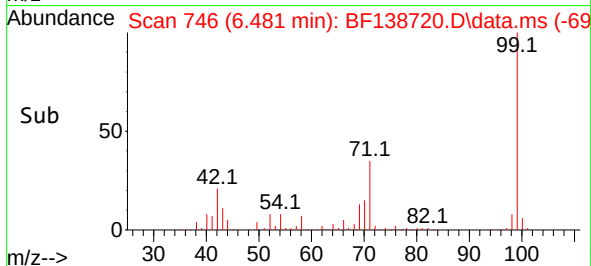
#7  
Phenol-d6  
Concen: 49.468 ng  
RT: 6.481 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF138720.D  
Acq: 01 Aug 2024 12:51

Instrument :  
BNA\_F  
ClientSampleId :  
OU4-PCS-02-072324

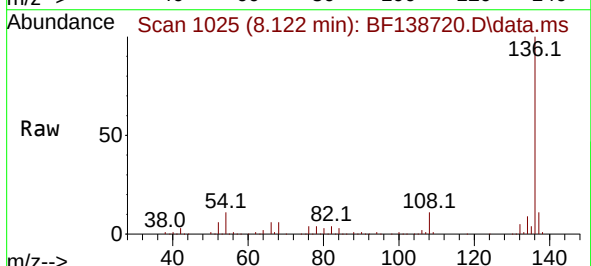


Tgt Ion: 99 Resp: 286841

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.5  | 17.4  | 26.0  |
| 71  | 35.4  | 28.1  | 42.1  |

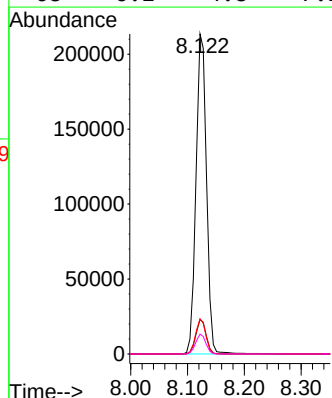
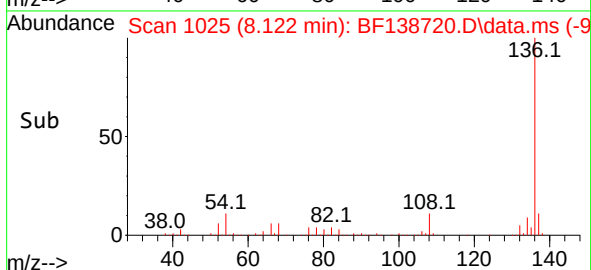


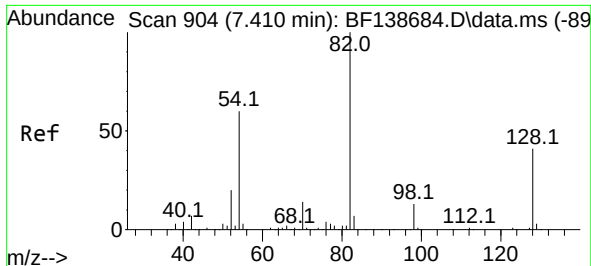
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF138720.D  
Acq: 01 Aug 2024 12:51



Tgt Ion: 136 Resp: 275852

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.9   | 13.3  |
| 54  | 11.0  | 8.6   | 12.8  |
| 68  | 6.2   | 4.8   | 7.2   |





#23

Nitrobenzene-d5

Concen: 32.153 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138720.D

Acq: 01 Aug 2024 12:51

Instrument :

BNA\_F

ClientSampleId :

OU4-PCS-02-072324

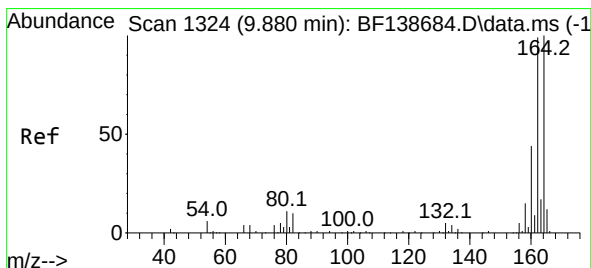
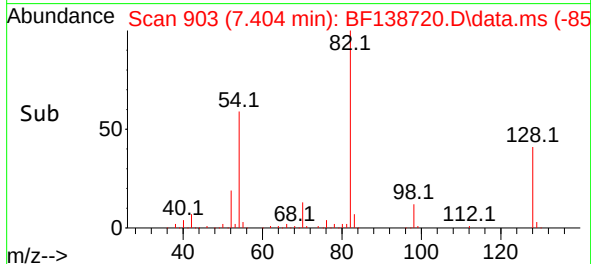
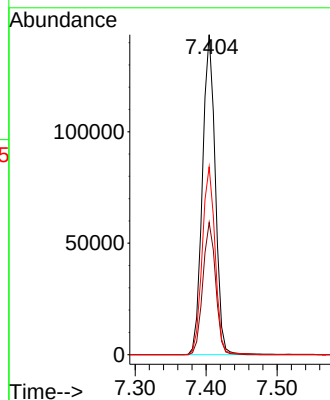
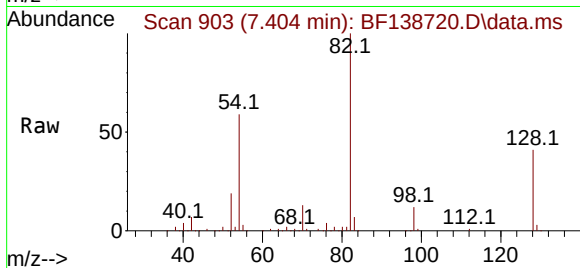
Tgt Ion: 82 Resp: 181412

Ion Ratio Lower Upper

82 100

128 41.3 32.8 49.2

54 58.7 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138720.D

Acq: 01 Aug 2024 12:51

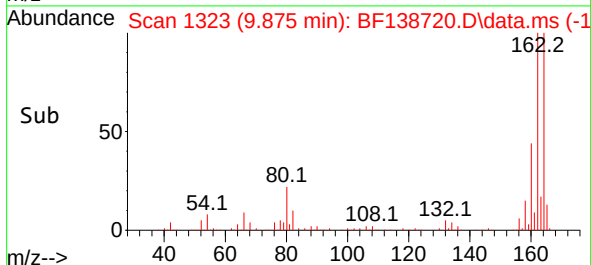
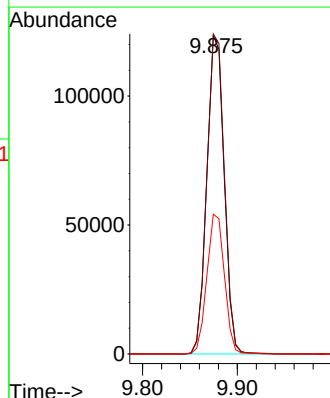
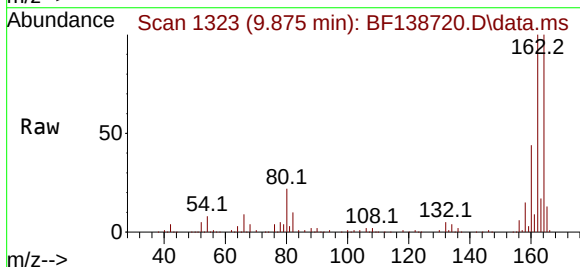
Tgt Ion:164 Resp: 157049

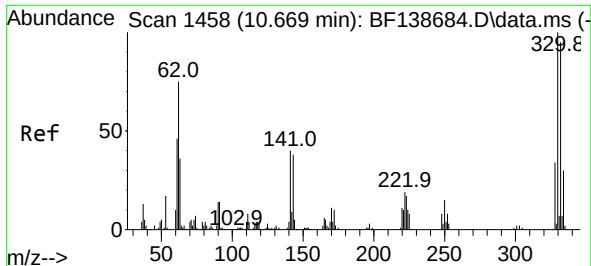
Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.0

160 43.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 105.150 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138720.D

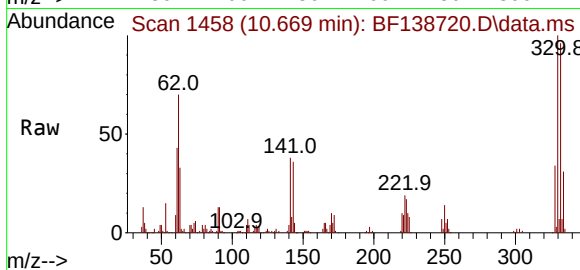
Acq: 01 Aug 2024 12:51

Instrument :

BNA\_F

ClientSampleId :

OU4-PCS-02-072324



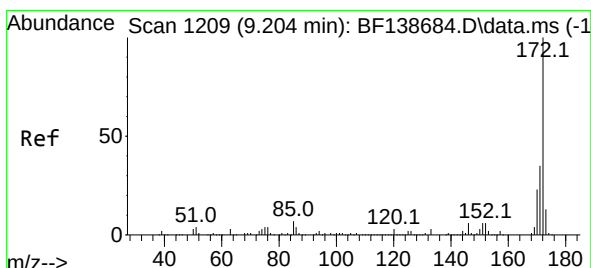
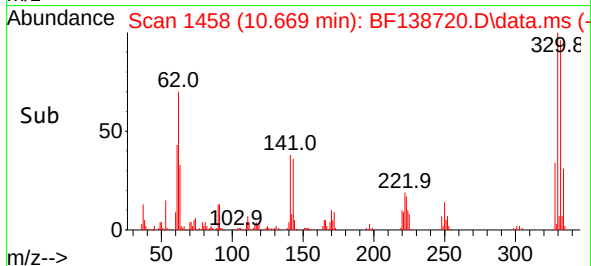
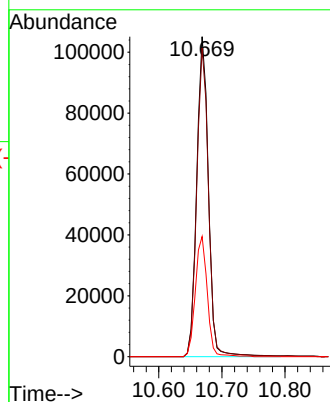
Tgt Ion:330 Resp: 135269

Ion Ratio Lower Upper

330 100

332 97.0 76.4 114.6

141 38.2 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 39.224 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138720.D

Acq: 01 Aug 2024 12:51

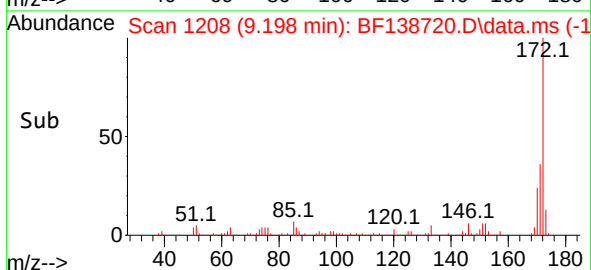
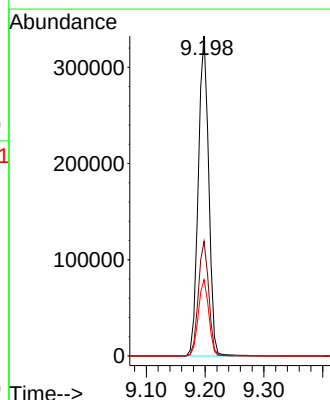
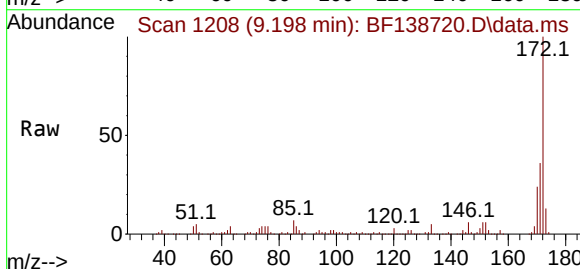
Tgt Ion:172 Resp: 409988

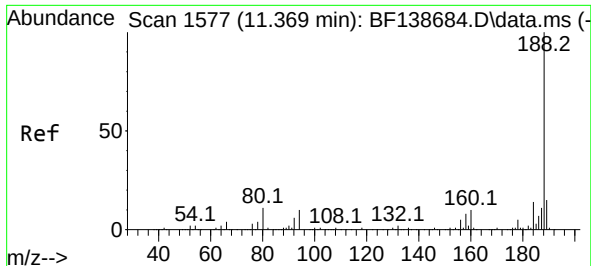
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.8 18.8 28.2

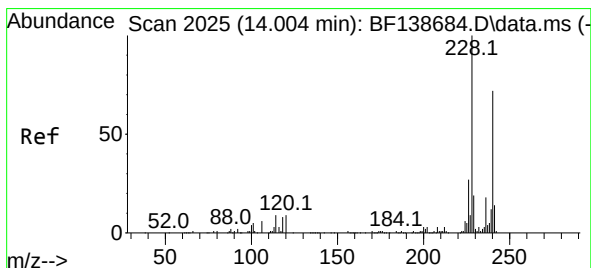
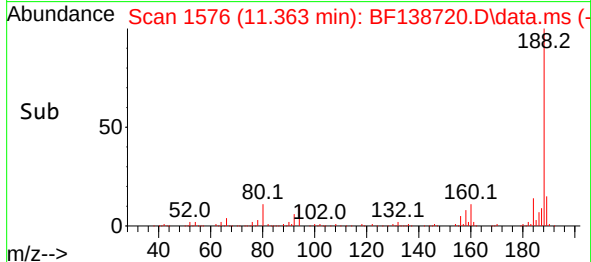
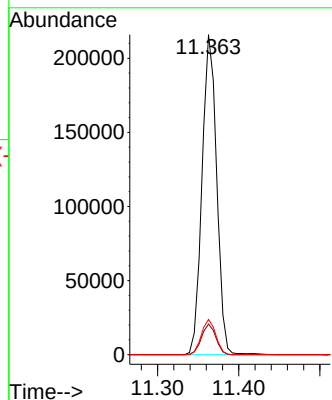
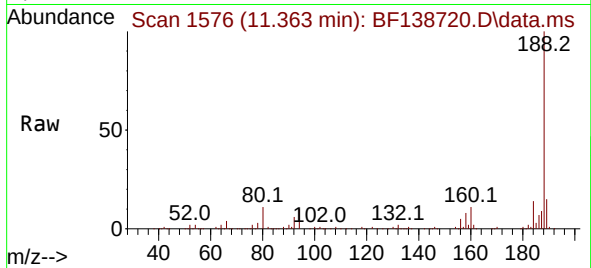




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138720.D  
Acq: 01 Aug 2024 12:51

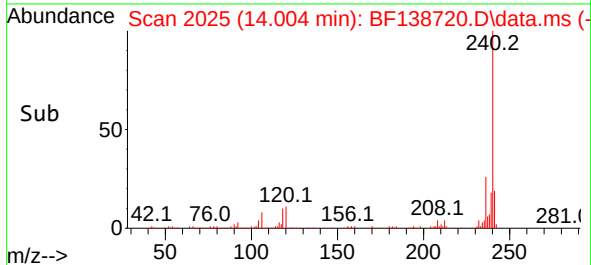
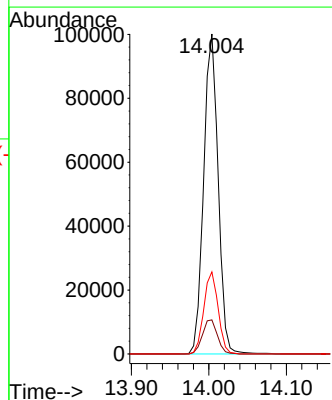
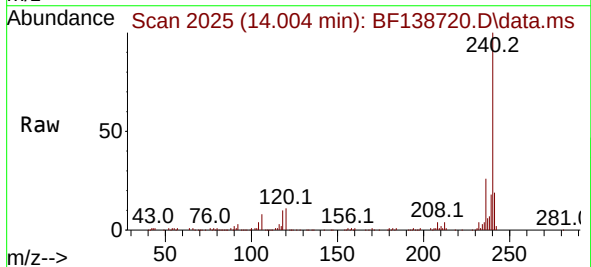
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-PCS-02-072324

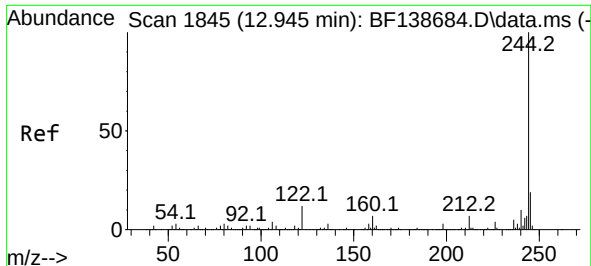
Tgt Ion:188 Resp: 270380  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.6 11.4  
80 11.0 8.6 12.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF138720.D  
Acq: 01 Aug 2024 12:51

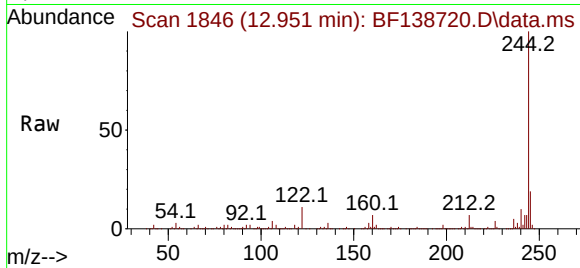
Tgt Ion:240 Resp: 129760  
Ion Ratio Lower Upper  
240 100  
120 10.6 10.2 15.4  
236 25.7 19.8 29.8





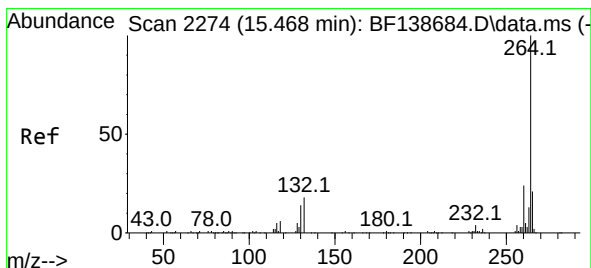
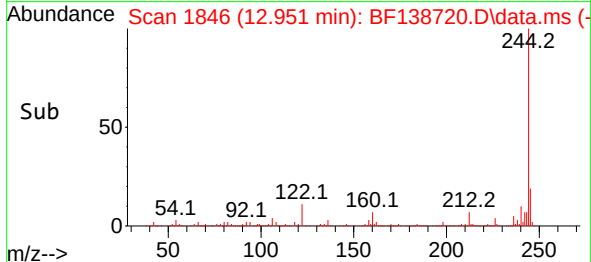
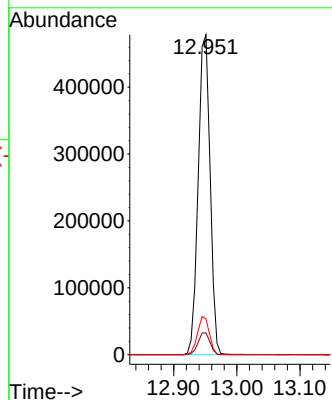
#79  
 Terphenyl-d14  
 Concen: 80.637 ng  
 RT: 12.951 min Scan# 1846  
 Delta R.T. 0.006 min  
 Lab File: BF138720.D  
 Acq: 01 Aug 2024 12:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OU4-PCS-02-072324



Tgt Ion:244 Resp: 624957  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 5.4   | 8.2   |
| 122 | 11.2  | 9.6   | 14.4  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.468 min Scan# 2274  
 Delta R.T. 0.000 min  
 Lab File: BF138720.D  
 Acq: 01 Aug 2024 12:51

Tgt Ion:264 Resp: 128780  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.0  | 28.6  |
| 265 | 21.6  | 17.0  | 25.6  |

