

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081324\  
 Data File : BF138974.D  
 Acq On : 13 Aug 2024 14:48  
 Operator : RC/JU  
 Sample : P3520-17  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OU4-57S-01-080624

Quant Time: Aug 13 15:10:47 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   | 6.840  | 152  | 36727    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 148191   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.869  | 164  | 80018    | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.357 | 188  | 124918   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.998 | 240  | 64213    | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.463 | 264  | 61942    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 196008   | 82.383 | ng    | 0.00     |
| 7) Phenol-d6                | 6.481  | 99   | 265628   | 83.155 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 174292   | 57.503 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 52387    | 79.925 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 323232   | 60.693 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.939 | 244  | 265223   | 69.153 | ng    | 0.00     |

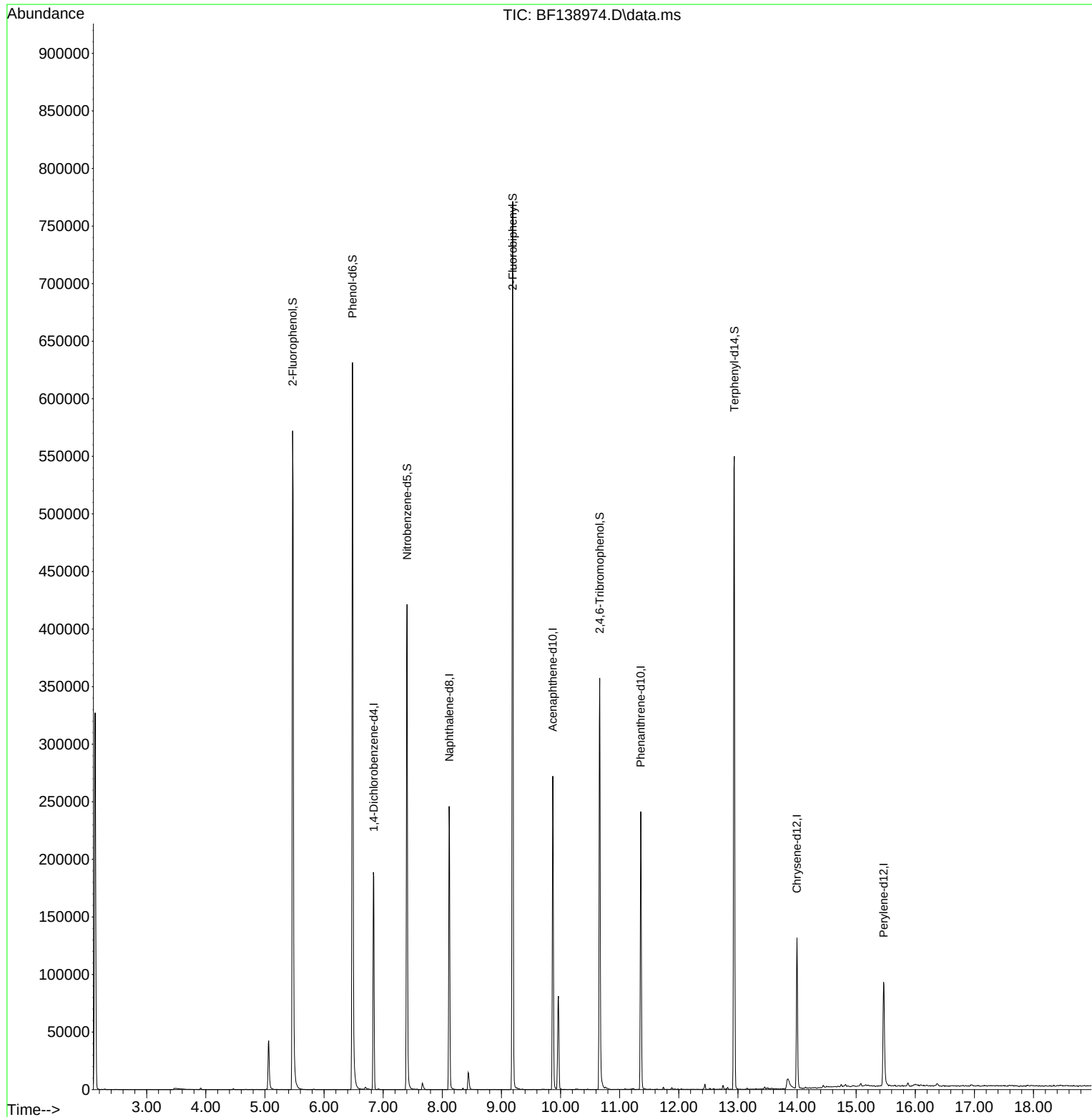
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

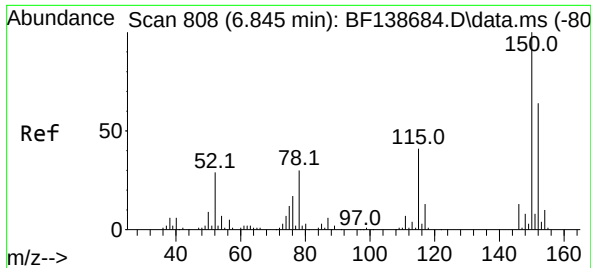
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081324\  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OU4-57S-01-080624

Quant Time: Aug 13 15:10:47 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

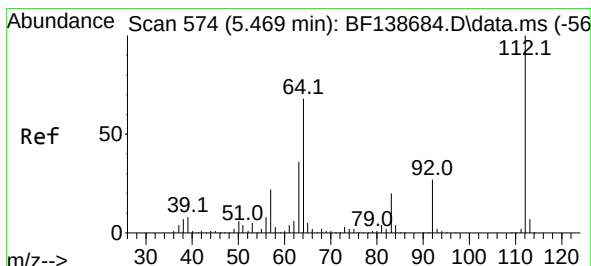
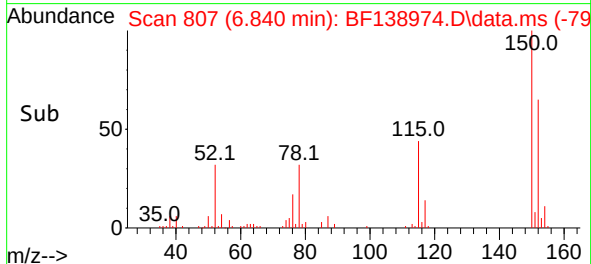
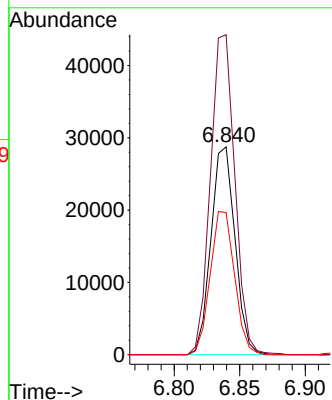
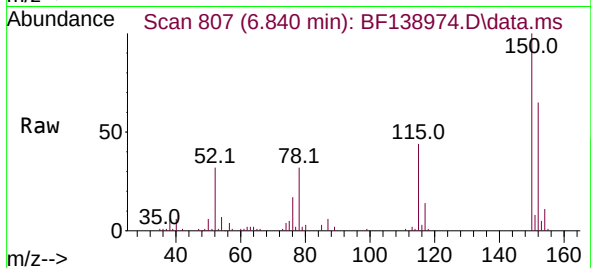




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 80  
Delta R.T. -0.005 min  
Lab File: BF138974.D  
Acq: 13 Aug 2024 14:48

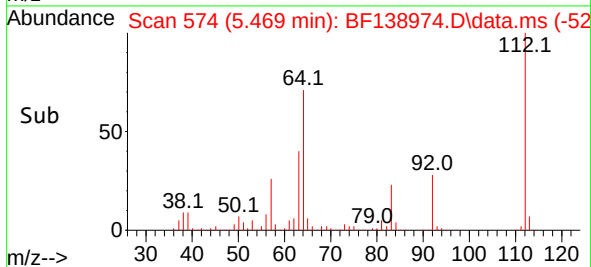
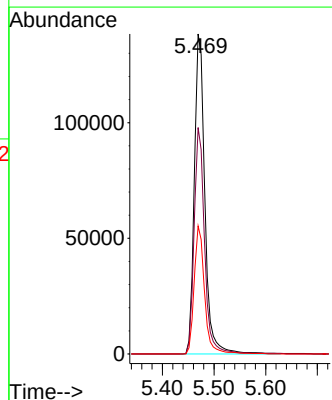
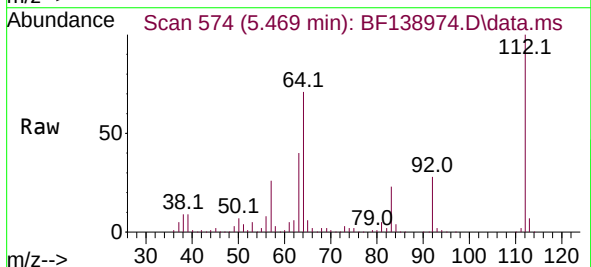
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-57S-01-080624

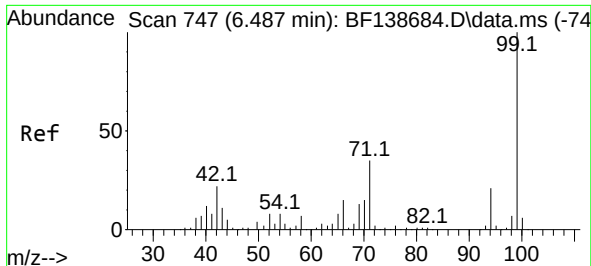
Tgt Ion:152 Resp: 36727  
Ion Ratio Lower Upper  
152 100  
150 153.9 126.0 189.0  
115 68.4 51.7 77.5



#5  
2-Fluorophenol  
Concen: 82.383 ng  
RT: 5.469 min Scan# 574  
Delta R.T. 0.000 min  
Lab File: BF138974.D  
Acq: 13 Aug 2024 14:48

Tgt Ion:112 Resp: 196008  
Ion Ratio Lower Upper  
112 100  
64 70.8 54.2 81.4  
63 40.0 28.7 43.1

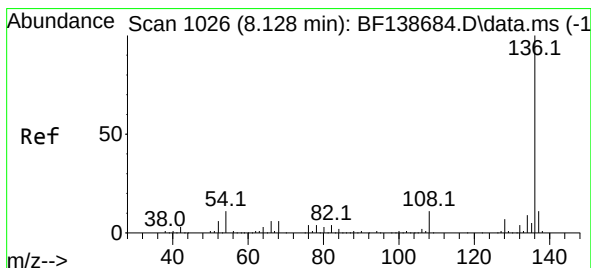
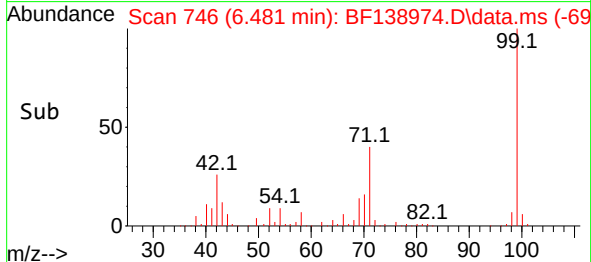
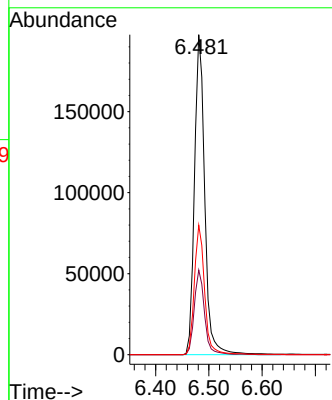
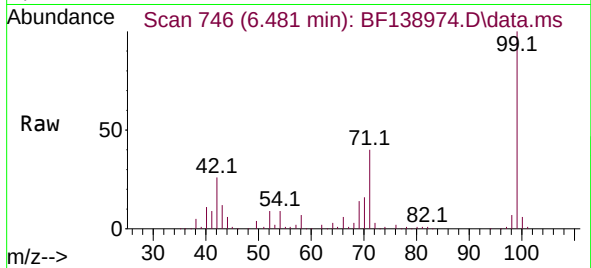




#7  
Phenol-d6  
Concen: 83.155 ng  
RT: 6.481 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF138974.D  
Acq: 13 Aug 2024 14:48

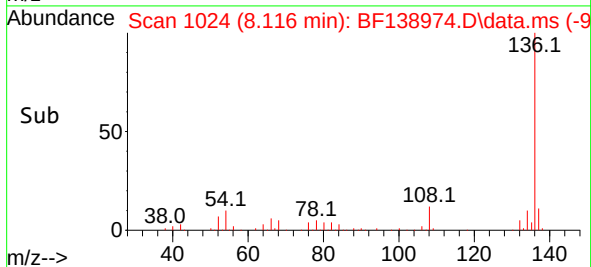
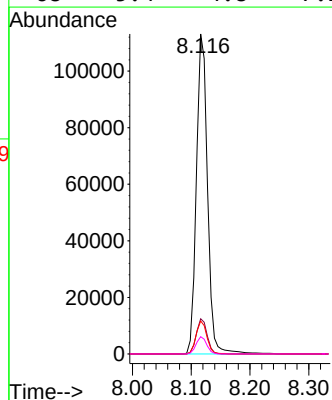
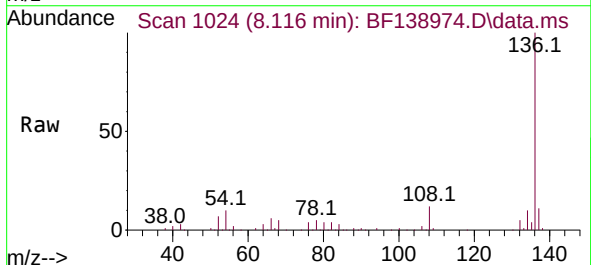
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-57S-01-080624

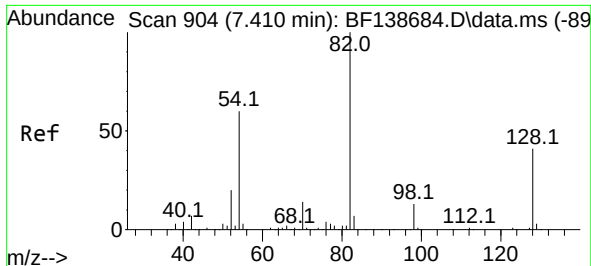
Tgt Ion: 99 Resp: 265628  
Ion Ratio Lower Upper  
99 100  
42 26.5 17.4 26.0#  
71 40.4 28.1 42.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1024  
Delta R.T. -0.012 min  
Lab File: BF138974.D  
Acq: 13 Aug 2024 14:48

Tgt Ion: 136 Resp: 148191  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 10.3 8.6 12.8  
68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 57.503 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138974.D

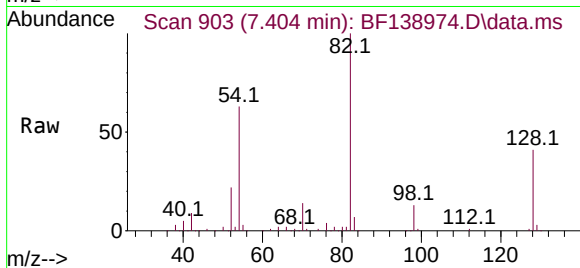
Acq: 13 Aug 2024 14:48

Instrument :

BNA\_F

ClientSampleId :

OU4-57S-01-080624



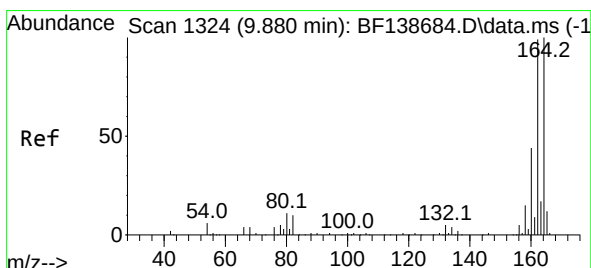
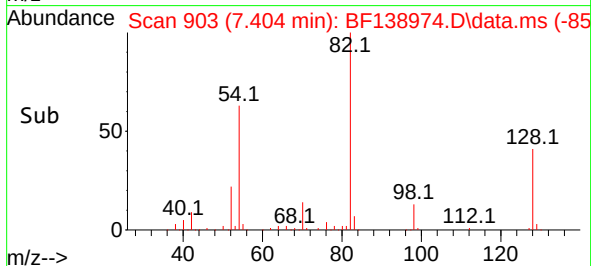
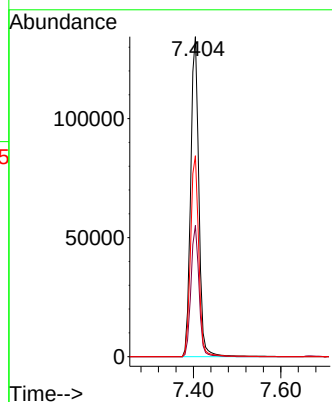
Tgt Ion: 82 Resp: 174292

Ion Ratio Lower Upper

82 100

128 41.0 32.8 49.2

54 62.8 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF138974.D

Acq: 13 Aug 2024 14:48

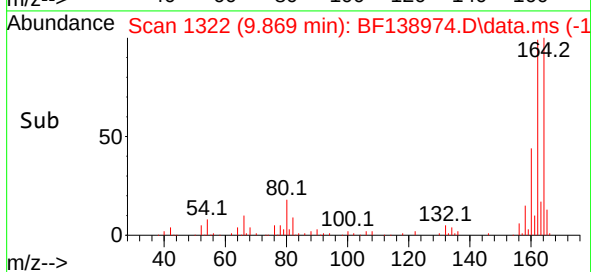
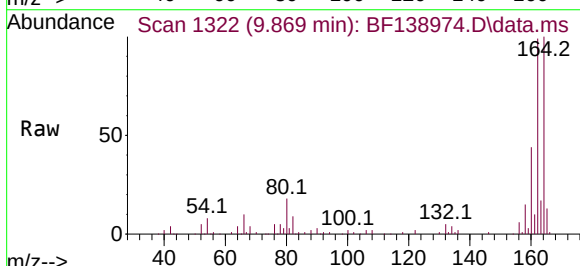
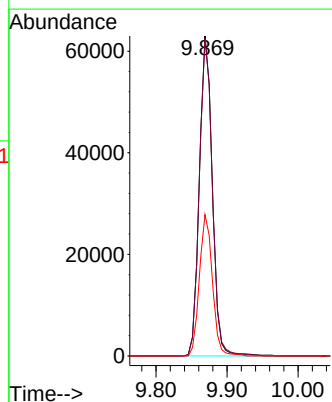
Tgt Ion: 164 Resp: 80018

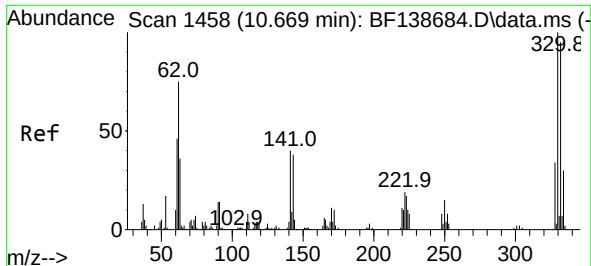
Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.0

160 44.2 35.1 52.7

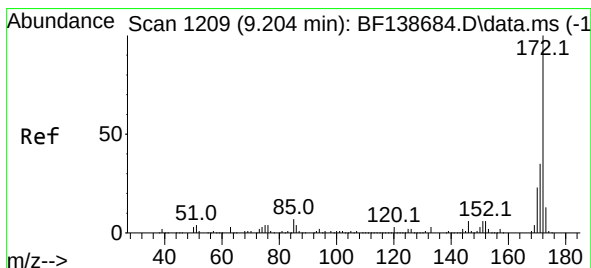
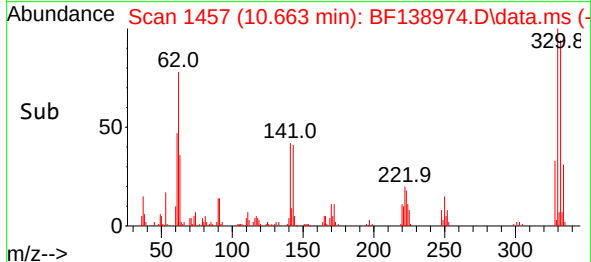
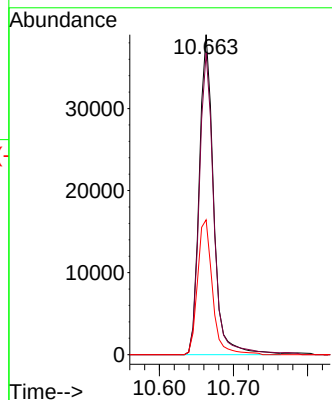
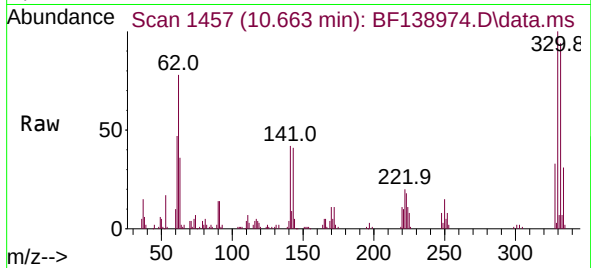




#42  
2,4,6-Tribromophenol  
Concen: 79.925 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: BF138974.D  
Acq: 13 Aug 2024 14:48

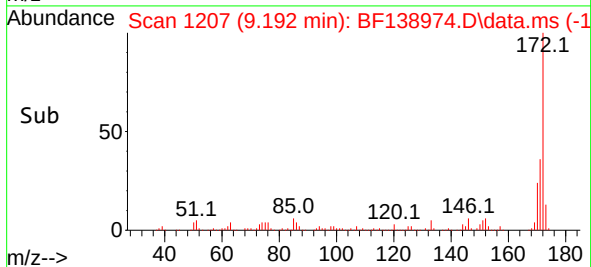
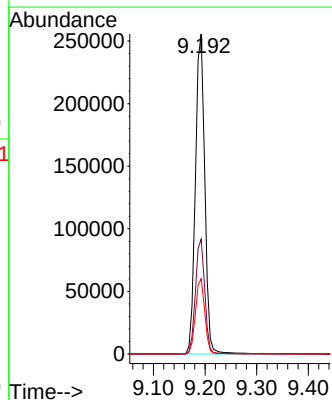
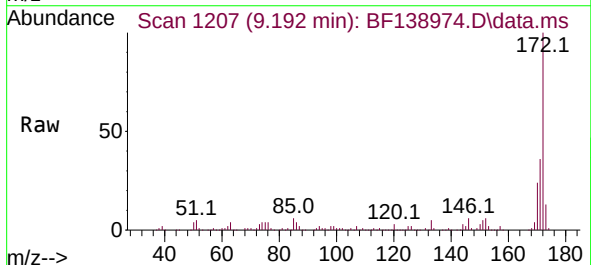
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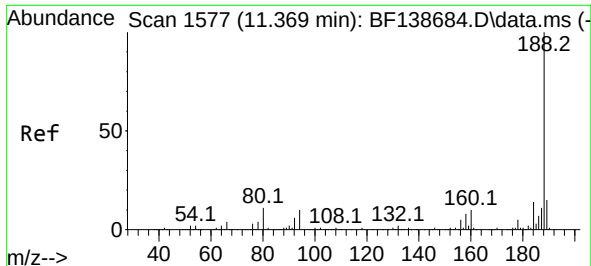
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 52387 |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 95.3  | 76.4  | 114.6 |
| 141      | 43.8  | 31.1  | 46.7  |



#45  
2-Fluorobiphenyl  
Concen: 60.693 ng  
RT: 9.192 min Scan# 1207  
Delta R.T. -0.012 min  
Lab File: BF138974.D  
Acq: 13 Aug 2024 14:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 323232 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 35.9  | 28.3  | 42.5   |
| 170      | 23.5  | 18.8  | 28.2   |

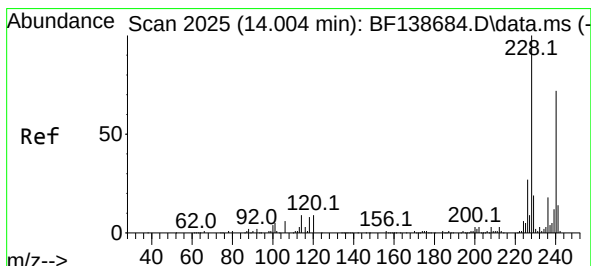
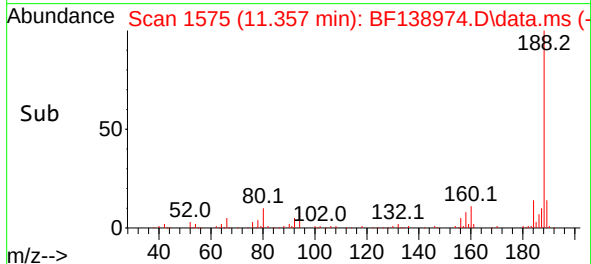
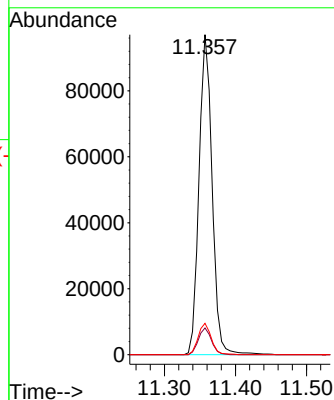
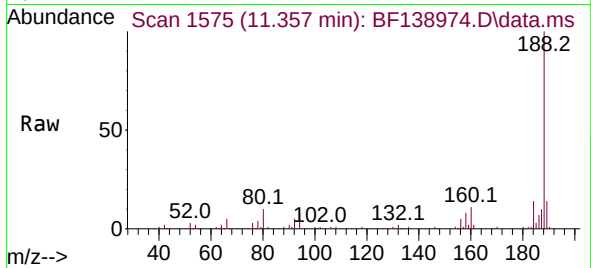




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF138974.D  
Acq: 13 Aug 2024 14:48

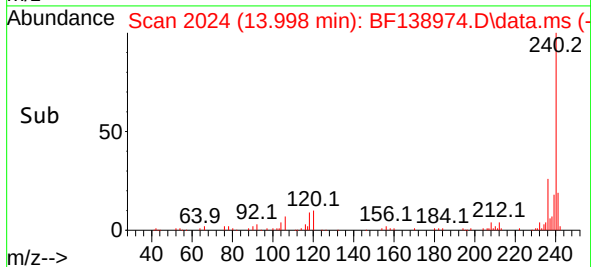
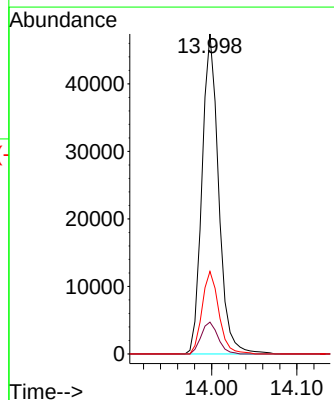
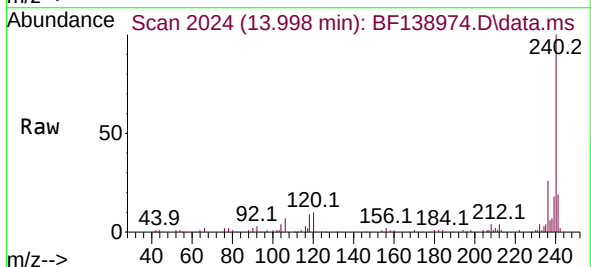
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-57S-01-080624

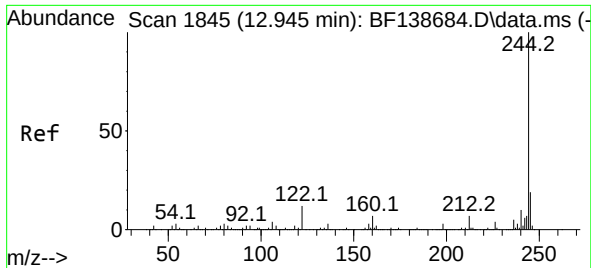
Tgt Ion:188 Resp: 124918  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.6 11.4  
80 9.8 8.6 12.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF138974.D  
Acq: 13 Aug 2024 14:48

Tgt Ion:240 Resp: 64213  
Ion Ratio Lower Upper  
240 100  
120 10.0 10.2 15.4#  
236 25.8 19.8 29.8

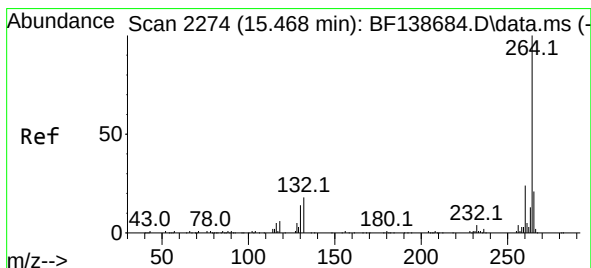
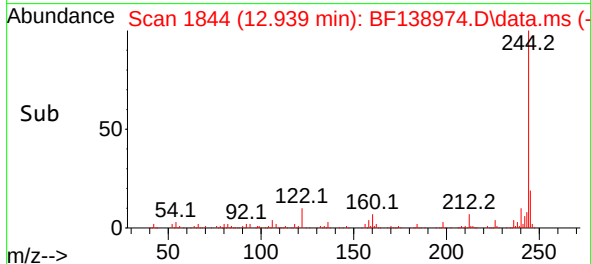
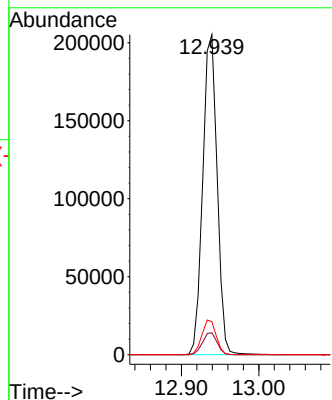
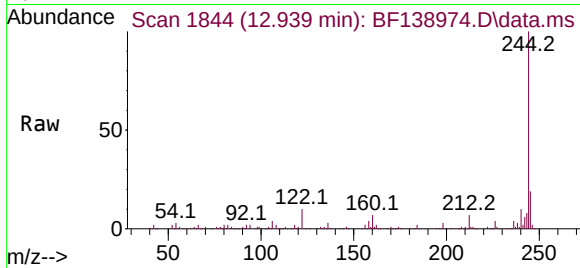




#79  
 Terphenyl-d14  
 Concen: 69.153 ng  
 RT: 12.939 min Scan# 1844  
 Delta R.T. -0.006 min  
 Lab File: BF138974.D  
 Acq: 13 Aug 2024 14:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OU4-57S-01-080624

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:244 | Resp: | 265223 |       |
| Ion         | Ratio | Lower  | Upper |
| 244         | 100   |        |       |
| 212         | 6.9   | 5.4    | 8.2   |
| 122         | 10.3  | 9.6    | 14.4  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.463 min Scan# 2273  
 Delta R.T. -0.006 min  
 Lab File: BF138974.D  
 Acq: 13 Aug 2024 14:48

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:264 | Resp: | 61942 |
| Ion | Ratio   | Lower | Upper |
| 264 | 100     |       |       |
| 260 | 23.6    | 19.0  | 28.6  |
| 265 | 21.9    | 17.0  | 25.6  |

