

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080224\  
 Data File : BF138754.D  
 Acq On : 02 Aug 2024 18:51  
 Operator : RC/JU  
 Sample : P3406-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-PADS

Quant Time: Aug 02 23:22:28 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

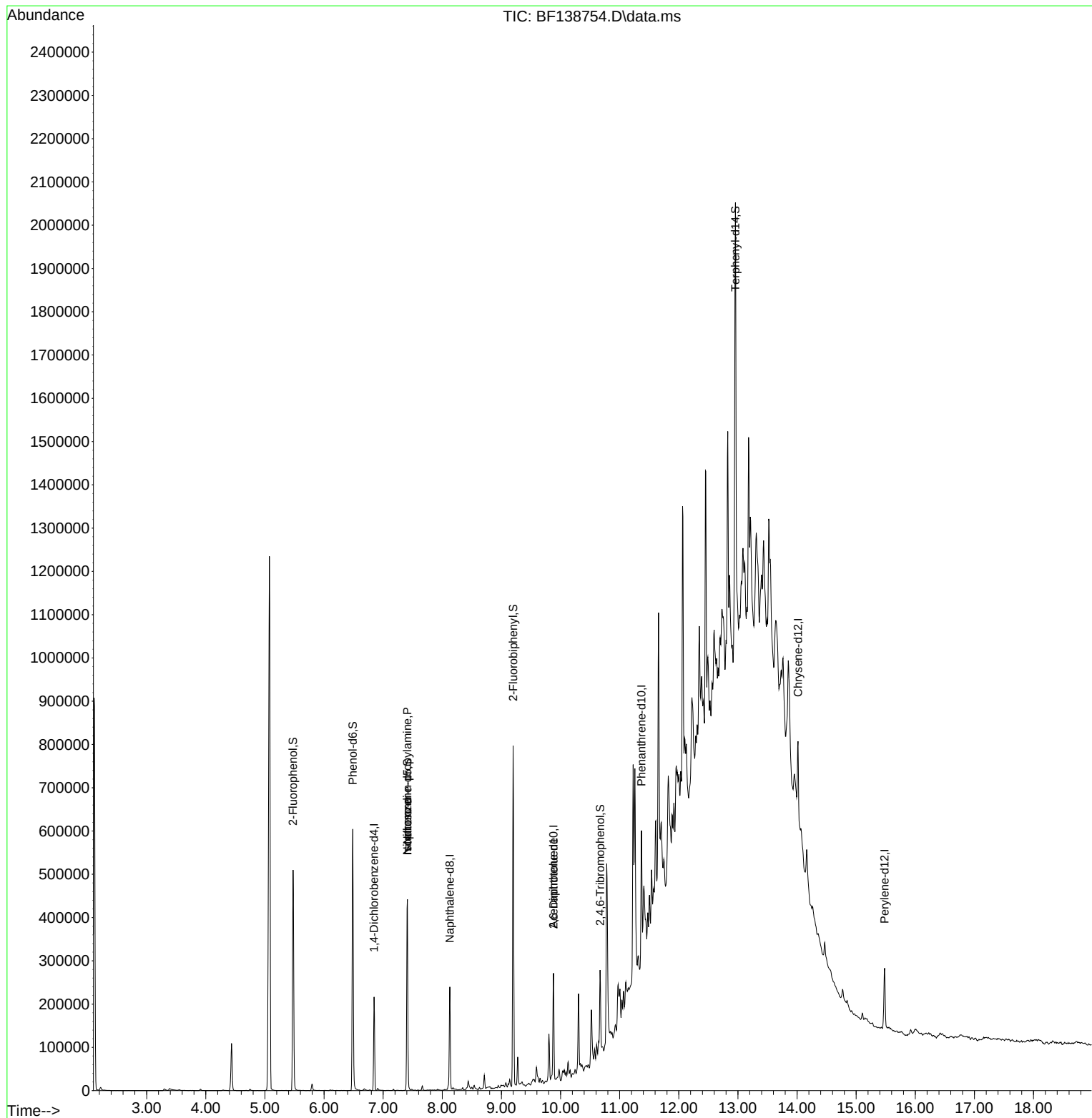
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 6.846  | 152  | 40640    | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8            | 8.128  | 136  | 139145   | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10          | 9.881  | 164  | 67644    | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10          | 11.369 | 188  | 132943   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12              | 14.016 | 240  | 85937    | 20.000 | ng    | 0.01        |
| 86) Perylene-d12              | 15.480 | 264  | 74382    | 20.000 | ng    | 0.01        |
| System Monitoring Compounds   |        |      |          |        |       |             |
| 5) 2-Fluorophenol             | 5.475  | 112  | 178201   | 67.687 | ng    | 0.00        |
| 7) Phenol-d6                  | 6.487  | 99   | 263366   | 74.509 | ng    | 0.00        |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 189566   | 66.608 | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 29155    | 52.617 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 314520   | 69.861 | ng    | 0.00        |
| 79) Terphenyl-d14             | 12.957 | 244  | 412249   | 80.316 | ng    | 0.01        |
| Target Compounds              |        |      |          |        |       |             |
| 19) n-Nitroso-di-n-propyla... | 7.410  | 70   | 24662    | 11.552 | ng    | Qvalue # 76 |
| 25) Isophorone                | 7.410  | 82   | 189440   | 38.982 | ng    | # 66        |
| 51) 2,6-Dinitrotoluene        | 9.881  | 165  | 9601     | 9.836  | ng    | # 21        |
| -----                         |        |      |          |        |       |             |

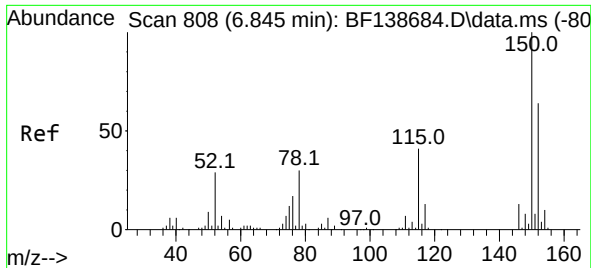
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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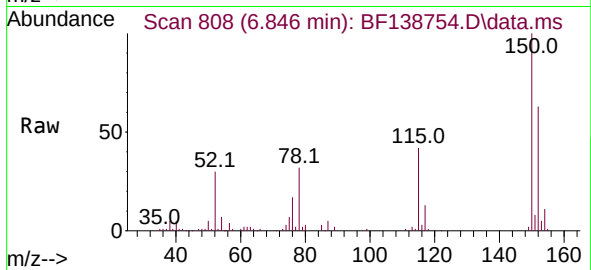
Quant Time: Aug 02 23:22:28 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 30 17:50:01 2024  
Response via : Initial Calibration



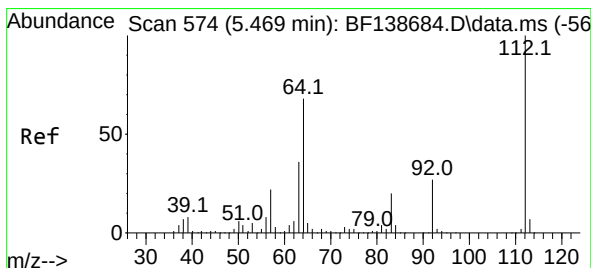
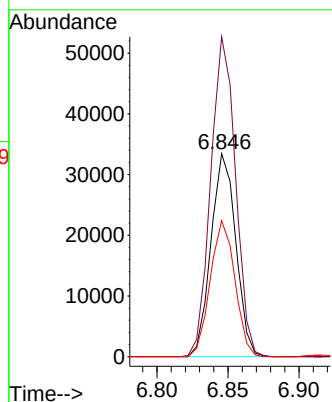
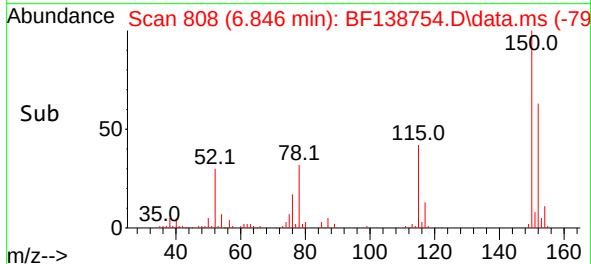


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.846 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

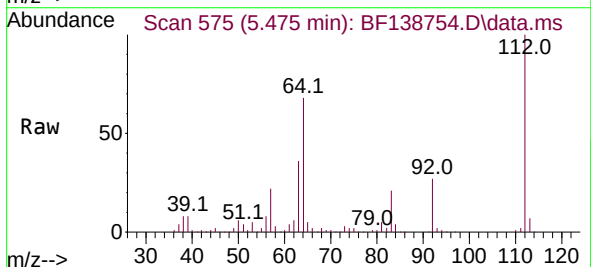
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS



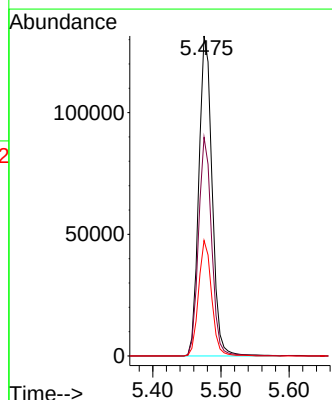
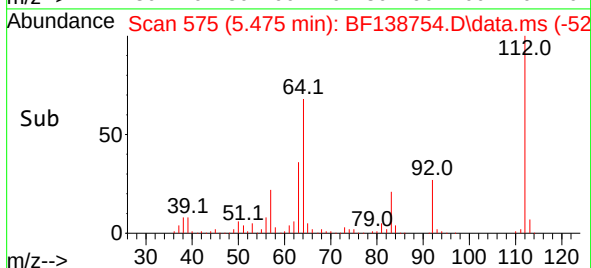
Tgt Ion:152 Resp: 40640  
Ion Ratio Lower Upper  
152 100  
150 157.6 126.0 189.0  
115 67.0 51.7 77.5

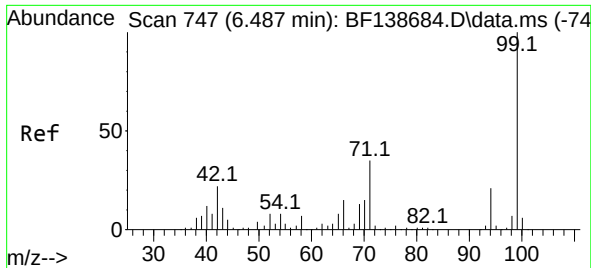


#5  
2-Fluorophenol  
Concen: 67.687 ng  
RT: 5.475 min Scan# 575  
Delta R.T. 0.006 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51



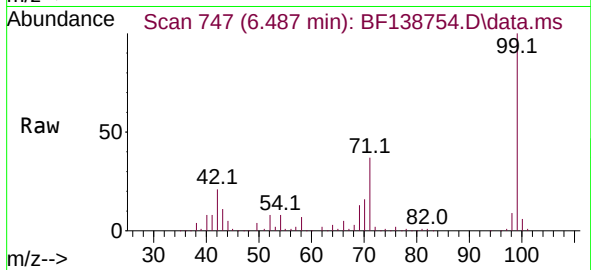
Tgt Ion:112 Resp: 178201  
Ion Ratio Lower Upper  
112 100  
64 68.3 54.2 81.4  
63 36.1 28.7 43.1



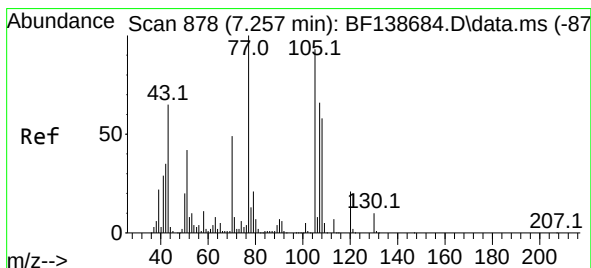
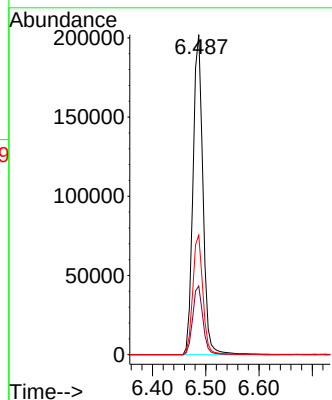
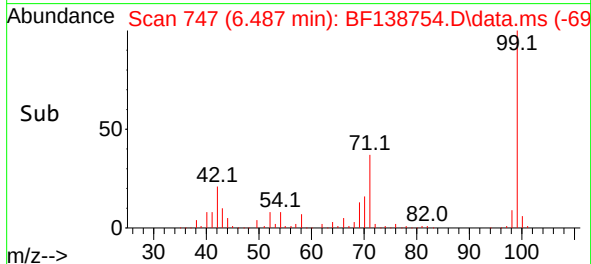


#7  
Phenol-d6  
Concen: 74.509 ng  
RT: 6.487 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

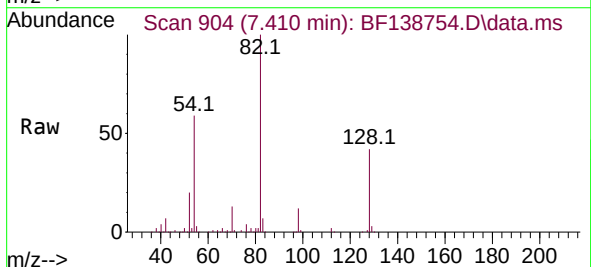
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS



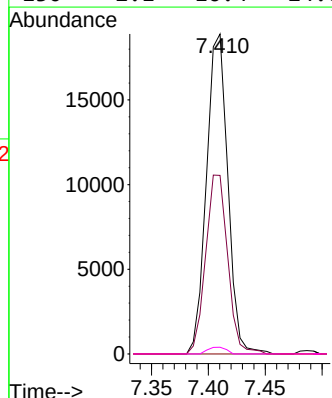
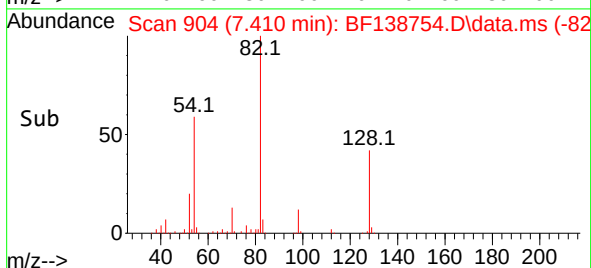
Tgt Ion: 99 Resp: 263366  
Ion Ratio Lower Upper  
99 100  
42 21.5 17.4 26.0  
71 37.3 28.1 42.1

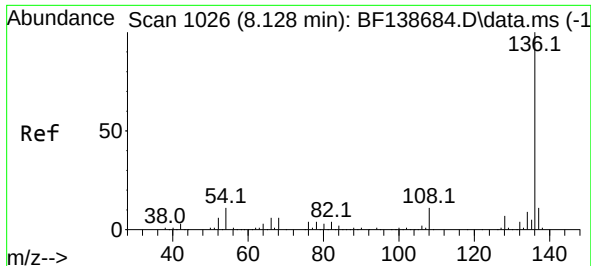


#19  
n-Nitroso-di-n-propylamine  
Concen: 11.552 ng  
RT: 7.410 min Scan# 904  
Delta R.T. 0.153 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51



Tgt Ion: 70 Resp: 24662  
Ion Ratio Lower Upper  
70 100  
42 55.8 57.4 86.0#  
101 0.0 7.5 11.3#  
130 2.1 16.4 24.6#

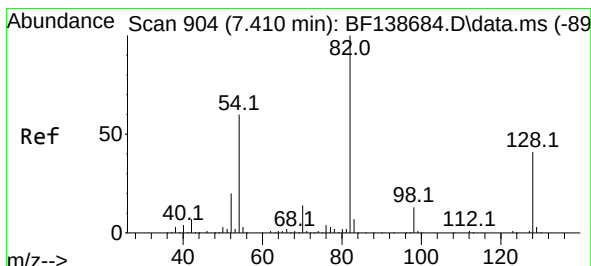
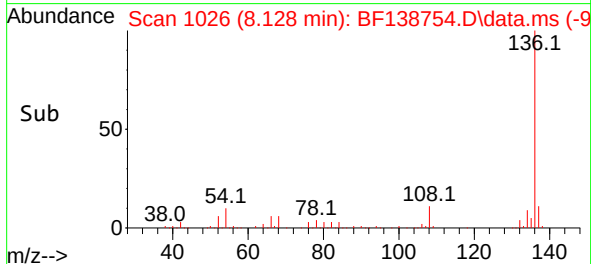
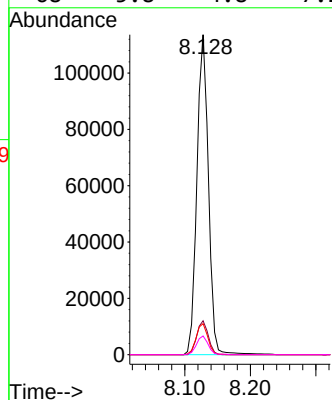
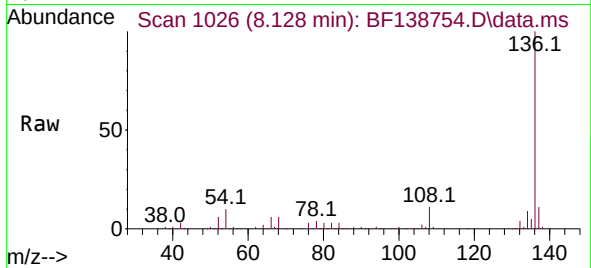




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

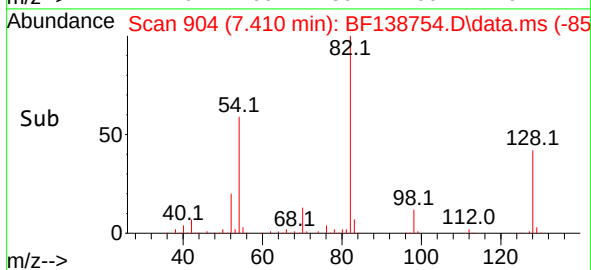
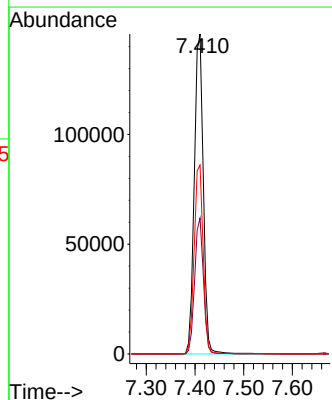
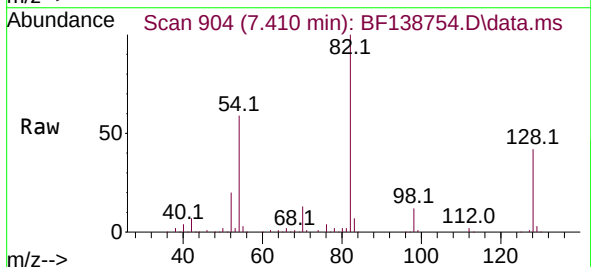
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS

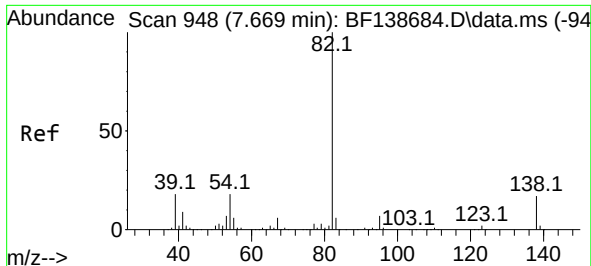
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 139145 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.9   | 13.3   |
| 54       | 9.7   | 8.6   | 12.8   |
| 68       | 5.8   | 4.8   | 7.2    |



#23  
Nitrobenzene-d5  
Concen: 66.608 ng  
RT: 7.410 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 189566 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.5  | 32.8  | 49.2   |
| 54       | 59.0  | 48.3  | 72.5   |

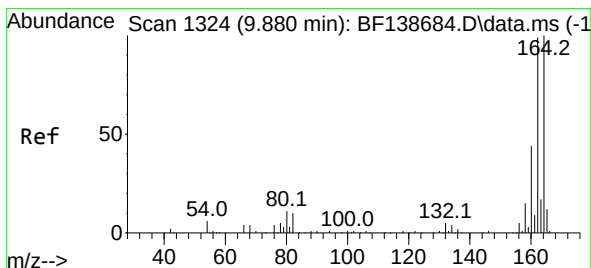
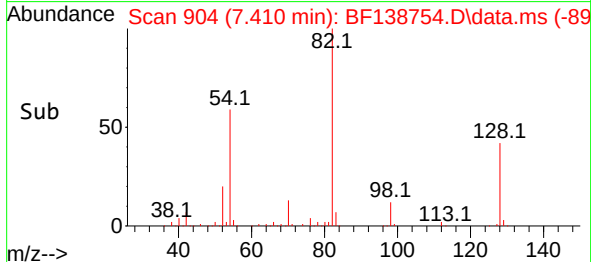
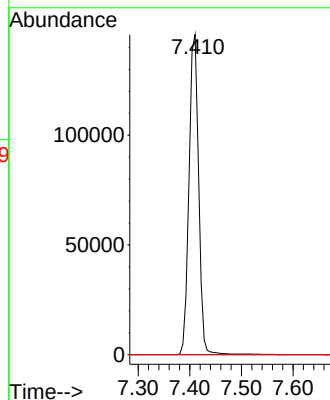
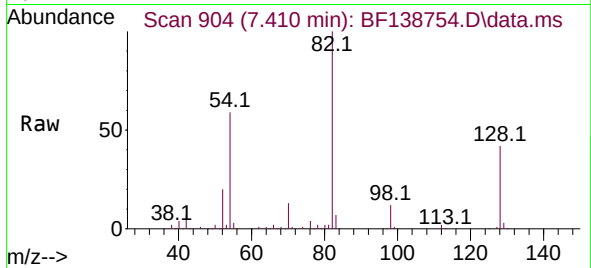




#25  
Isophorone  
Concen: 38.982 ng  
RT: 7.410 min Scan# 90  
Delta R.T. -0.259 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

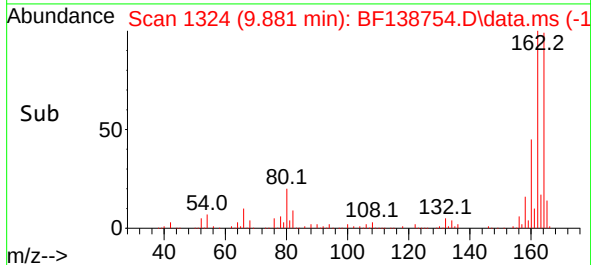
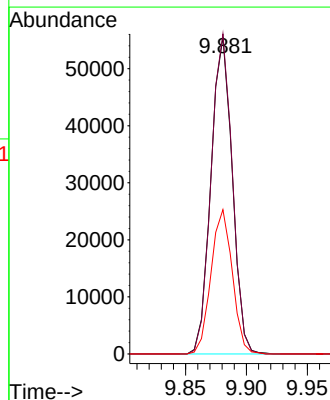
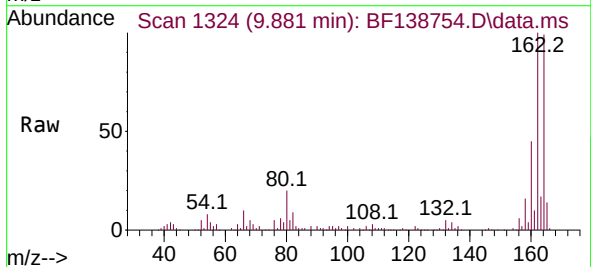
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS

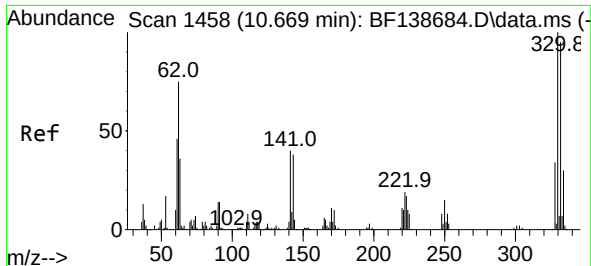
Tgt Ion: 82 Resp: 189440  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 13.7 20.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.881 min Scan# 1324  
Delta R.T. 0.001 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

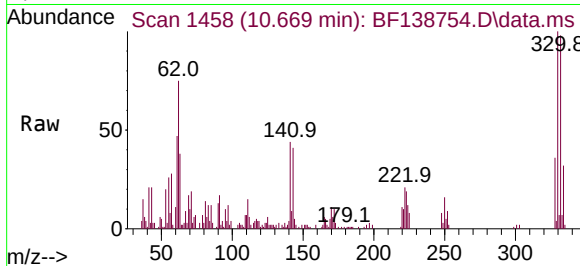
Tgt Ion: 164 Resp: 67644  
Ion Ratio Lower Upper  
164 100  
162 101.0 79.4 119.0  
160 45.5 35.1 52.7



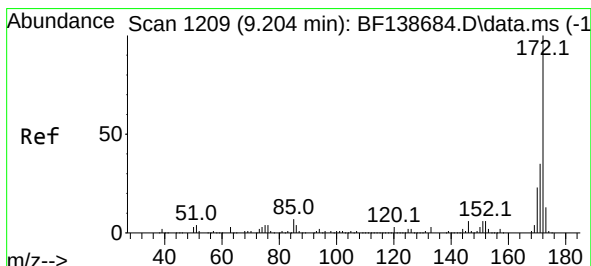
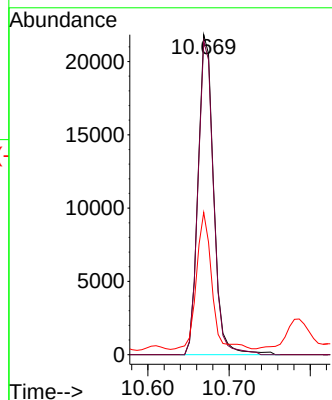
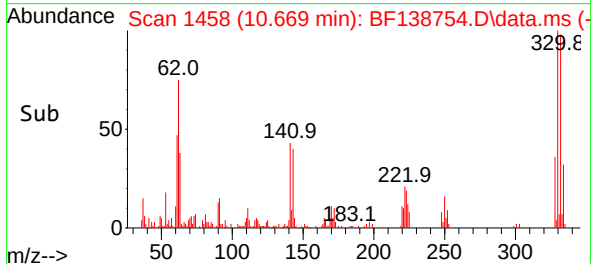


#42  
2,4,6-Tribromophenol  
Concen: 52.617 ng  
RT: 10.669 min Scan# 1458  
Delta R.T. 0.000 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

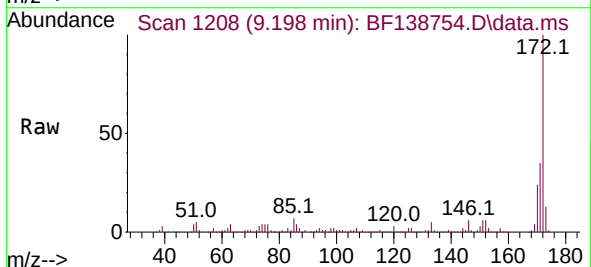
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS



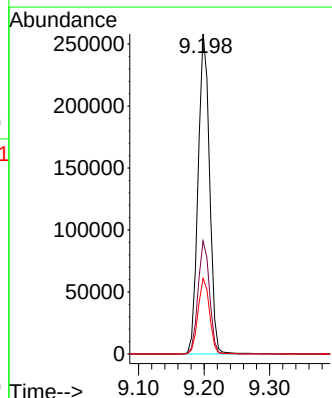
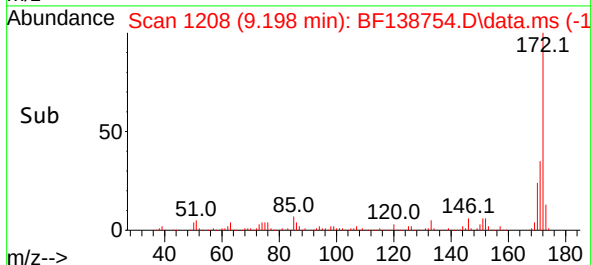
Tgt Ion: 330 Resp: 29155  
Ion Ratio Lower Upper  
330 100  
332 97.6 76.4 114.6  
141 42.1 31.1 46.7

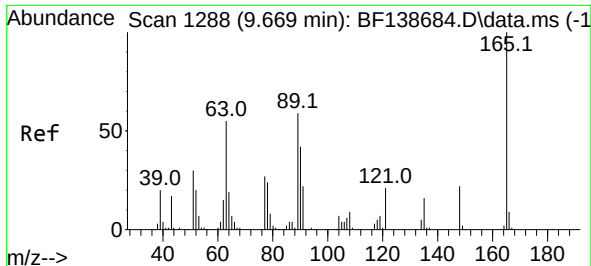


#45  
2-Fluorobiphenyl  
Concen: 69.861 ng  
RT: 9.198 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51



Tgt Ion: 172 Resp: 314520  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.3 42.5  
170 23.6 18.8 28.2

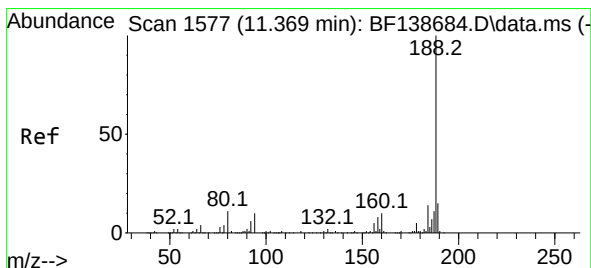
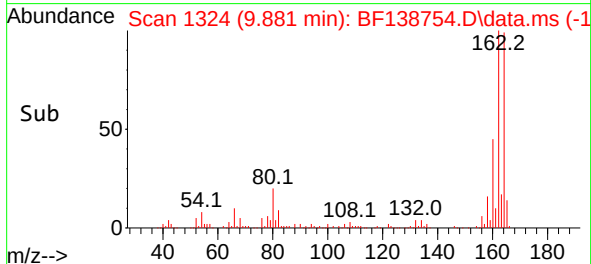
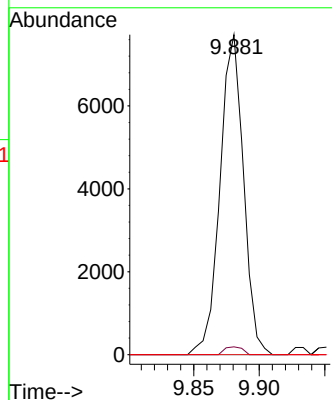
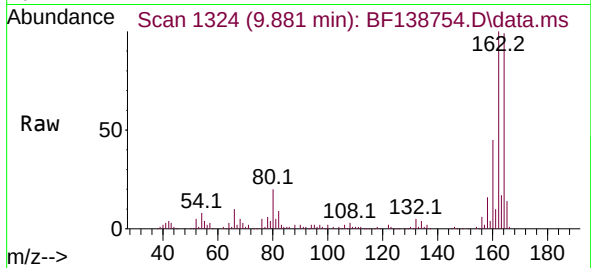




#51  
2,6-Dinitrotoluene  
Concen: 9.836 ng  
RT: 9.881 min Scan# 11  
Delta R.T. 0.212 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

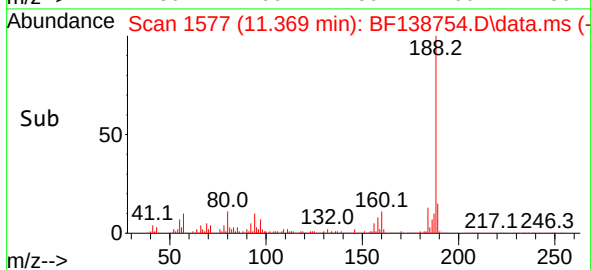
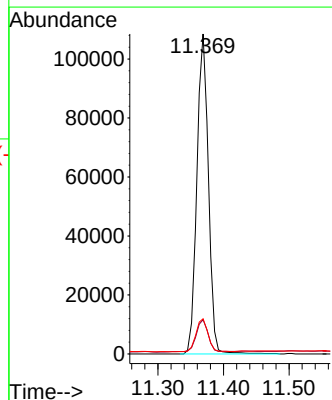
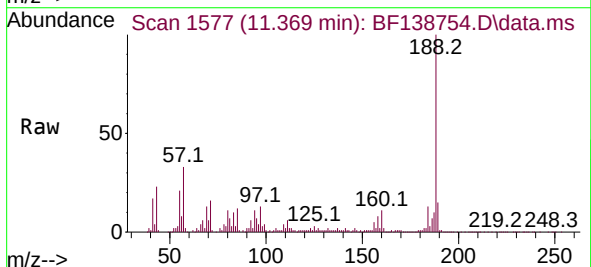
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BNA\_F  
ClientSampleId :  
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Tgt Ion:165 Resp: 9601  
Ion Ratio Lower Upper  
165 100  
63 2.5 52.0 78.0#  
89 0.0 47.0 70.6#

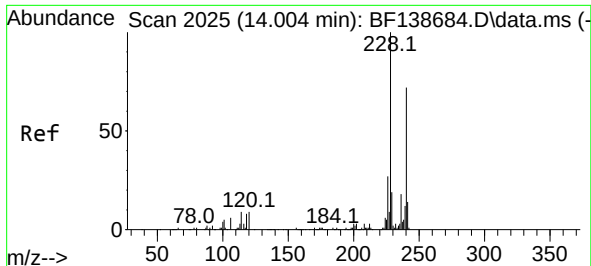


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.369 min Scan# 1577  
Delta R.T. 0.000 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

Tgt Ion:188 Resp: 132943  
Ion Ratio Lower Upper  
188 100  
94 10.7 7.6 11.4  
80 11.0 8.6 12.8



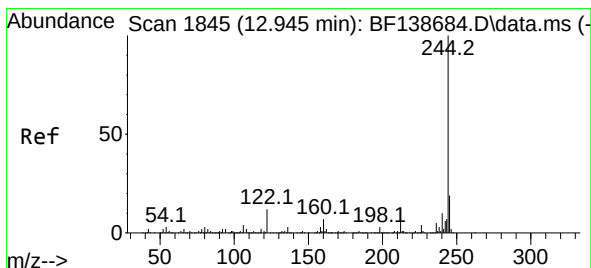
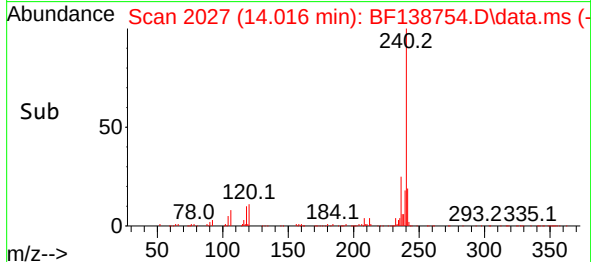
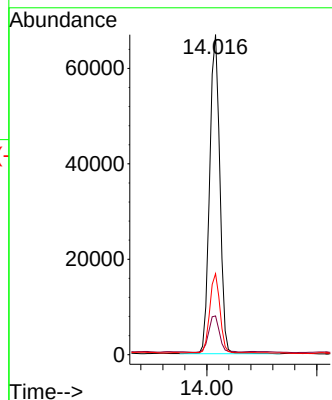
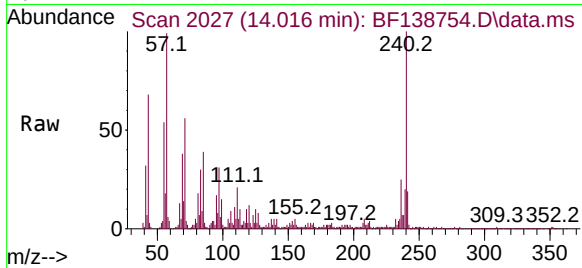




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.016 min Scan# 20  
Delta R.T. 0.012 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

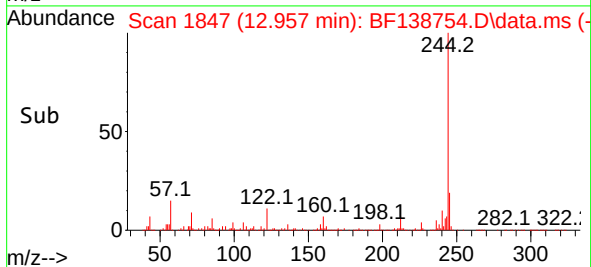
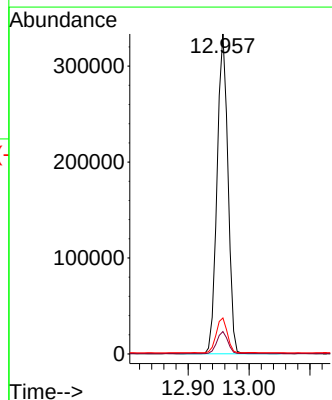
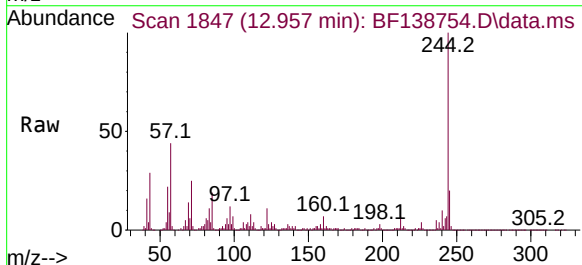
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS

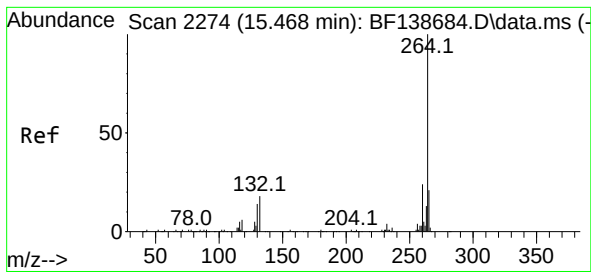
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 85937 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 12.1  | 10.2  | 15.4  |
| 236       | 25.3  | 19.8  | 29.8  |



#79  
Terphenyl-d14  
Concen: 80.316 ng  
RT: 12.957 min Scan# 1847  
Delta R.T. 0.012 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 412249 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.0   | 5.4   | 8.2    |
| 122       | 11.2  | 9.6   | 14.4   |





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.480 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF138754.D  
Acq: 02 Aug 2024 18:51

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS

Tgt Ion:264 Resp: 74382  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.8  | 19.0  | 28.6  |
| 265 | 22.0  | 17.0  | 25.6  |

