

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101525\  
 Data File : BF143972.D  
 Acq On : 16 Oct 2025 00:45  
 Operator : RC/JU  
 Sample : Q3340-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-1

Quant Time: Oct 16 11:13:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 78801    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 269644   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 142133   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.439 | 188  | 109075   | 20.00 | ng    | # 0.02   |
| 76) Chrysene-d12            | 14.151 | 240  | 108805   | 20.00 | ng    | # 0.08   |
| 86) Perylene-d12            | 15.592 | 264  | 142136   | 20.00 | ng    | 0.05     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 322541   | 65.00 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 386417   | 65.33 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 228108   | 51.40 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 76564    | 54.08 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 443039   | 49.46 | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.110 | 244  | 378316   | 59.42 | ng    | 0.10     |

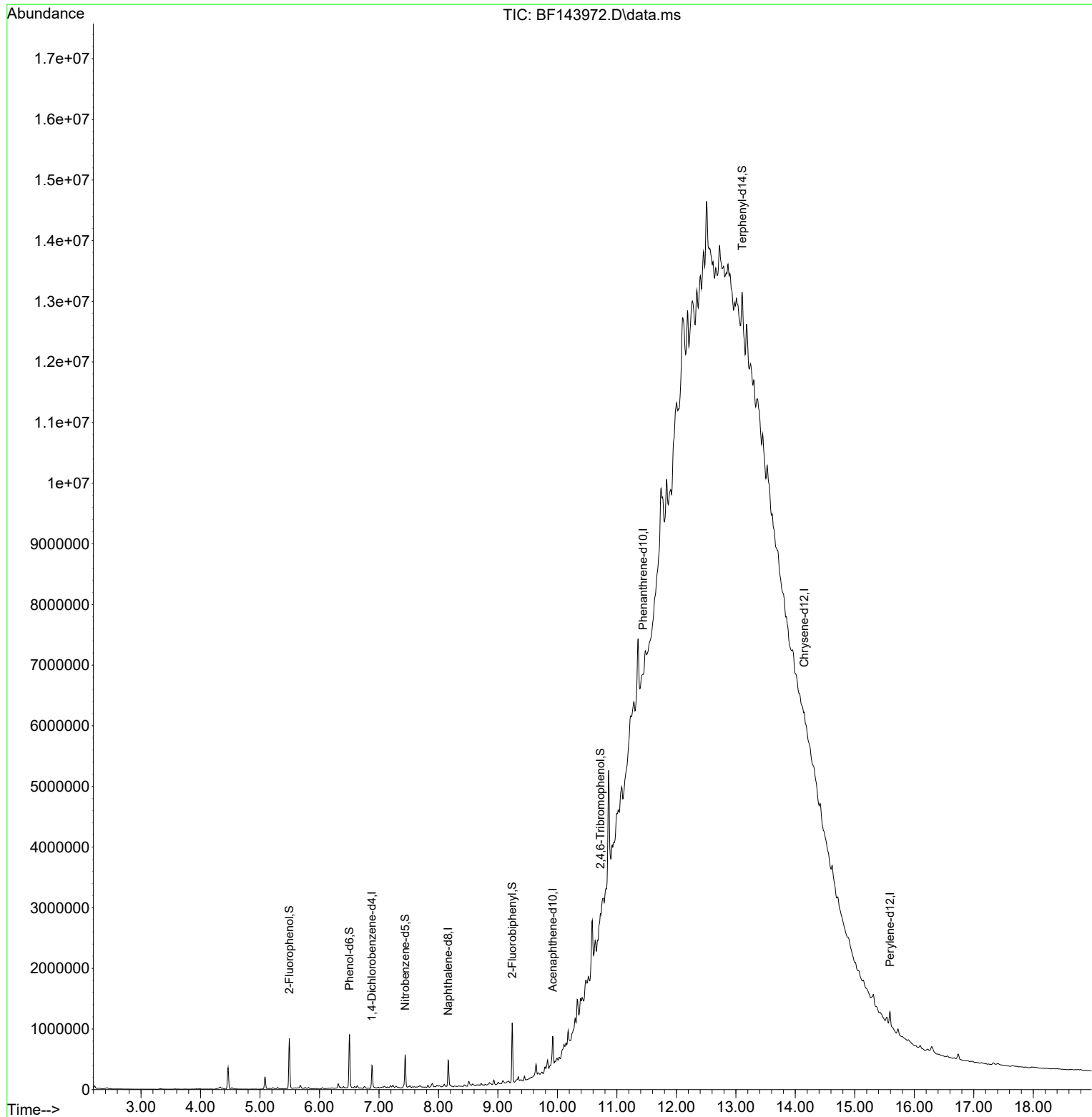
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

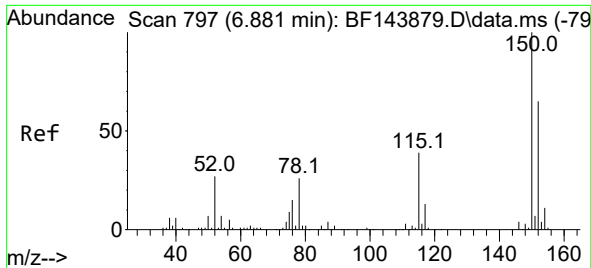
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CONCRETE-1

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QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

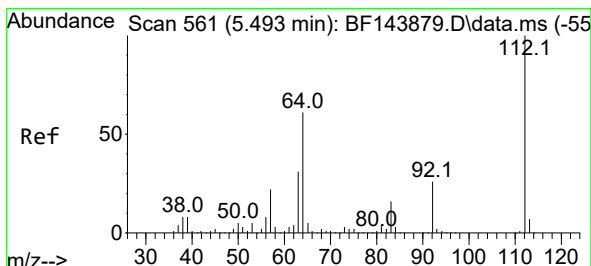
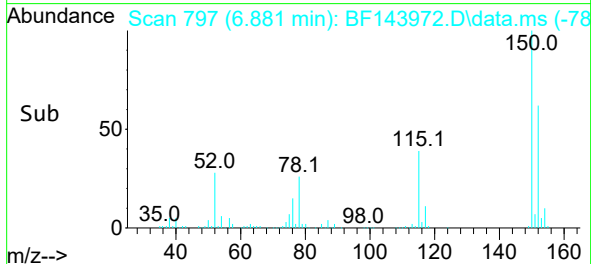
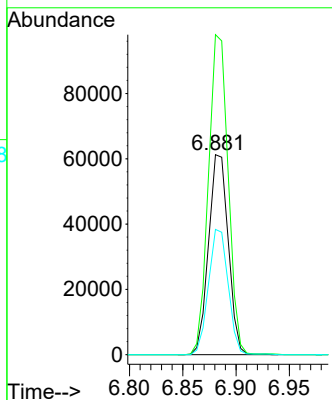
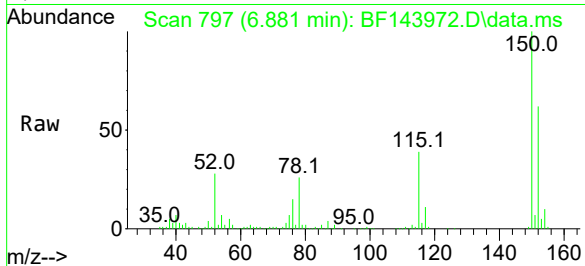




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.881 min Scan# 797  
 Delta R.T. -0.005 min  
 Lab File: BF143972.D  
 Acq: 16 Oct 2025 00:45

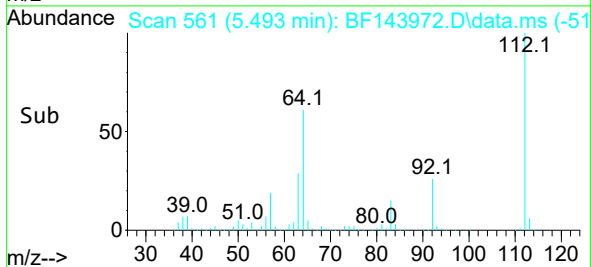
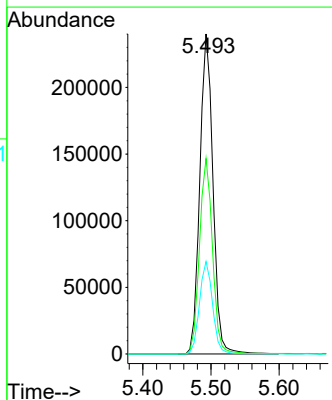
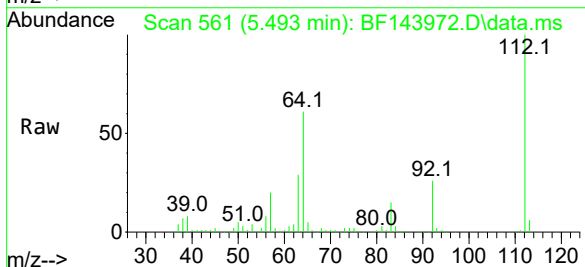
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-1

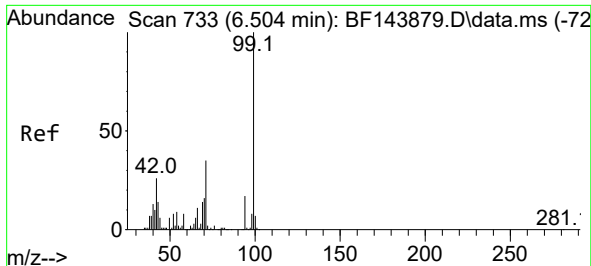
Tgt Ion:152 Resp: 78801  
 Ion Ratio Lower Upper  
 152 100  
 150 160.0 124.4 186.6  
 115 62.7 48.1 72.1



#5  
 2-Fluorophenol  
 Concen: 65.00 ng  
 RT: 5.493 min Scan# 561  
 Delta R.T. -0.006 min  
 Lab File: BF143972.D  
 Acq: 16 Oct 2025 00:45

Tgt Ion:112 Resp: 322541  
 Ion Ratio Lower Upper  
 112 100  
 64 61.1 49.1 73.7  
 63 28.9 24.5 36.7

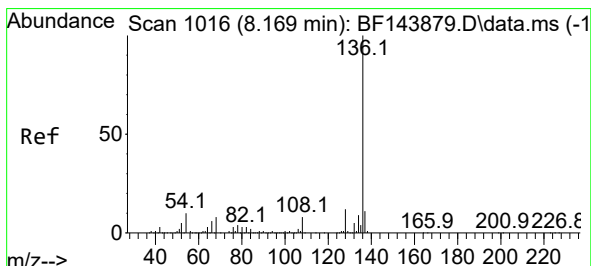
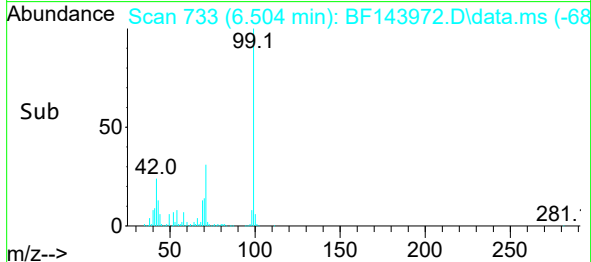
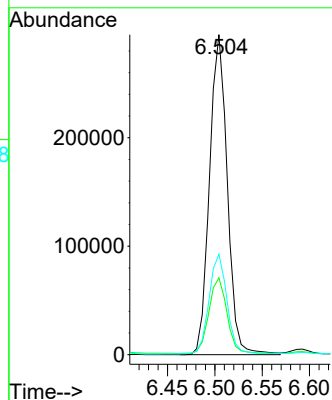
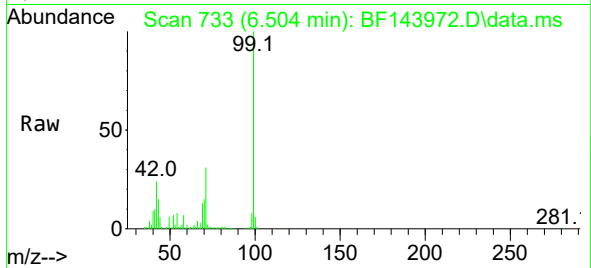




#7  
Phenol-d6  
Concen: 65.33 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF143972.D  
Acq: 16 Oct 2025 00:45

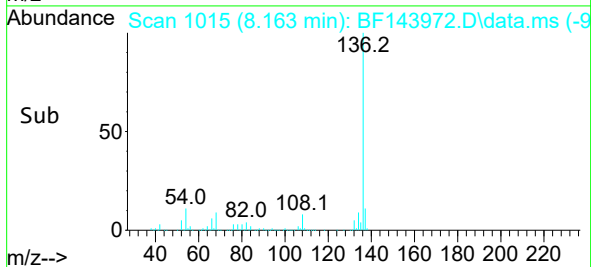
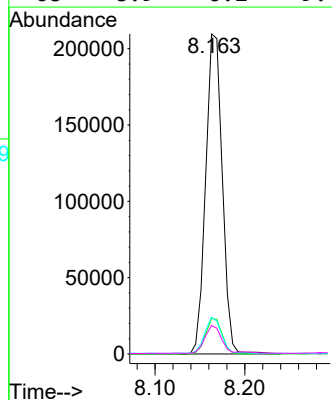
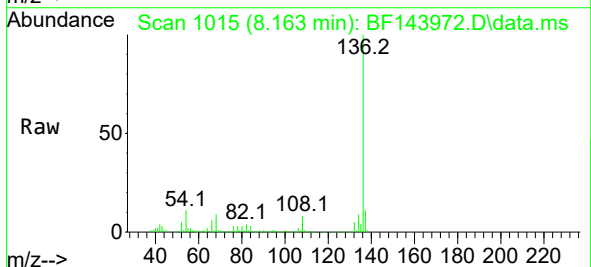
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-1

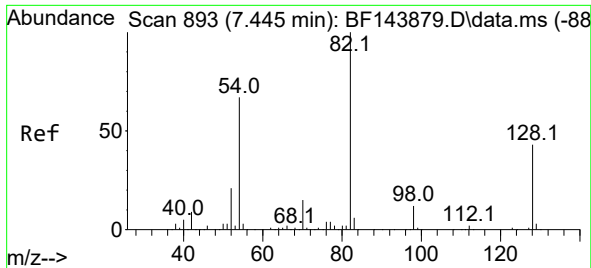
Tgt Ion: 99 Resp: 386417  
Ion Ratio Lower Upper  
99 100  
42 24.1 21.0 31.4  
71 31.4 27.8 41.8



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF143972.D  
Acq: 16 Oct 2025 00:45

Tgt Ion:136 Resp: 269644  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.5 12.7  
54 11.4 8.2 12.4  
68 8.9 6.2 9.4

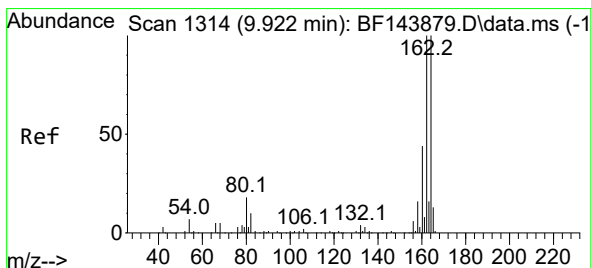
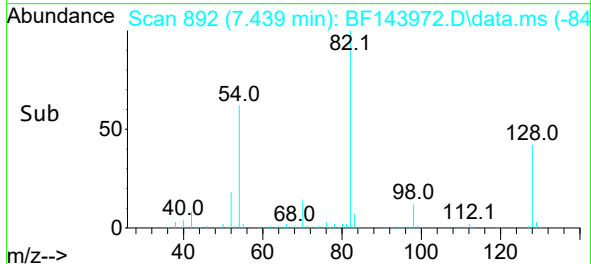
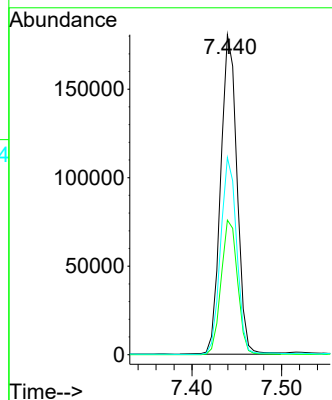
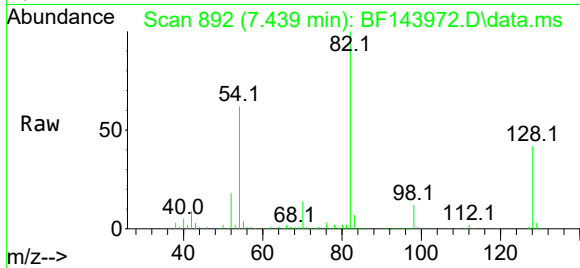




#23  
Nitrobenzene-d5  
Concen: 51.40 ng  
RT: 7.439 min Scan# 892  
Delta R.T. -0.018 min  
Lab File: BF143972.D  
Acq: 16 Oct 2025 00:45

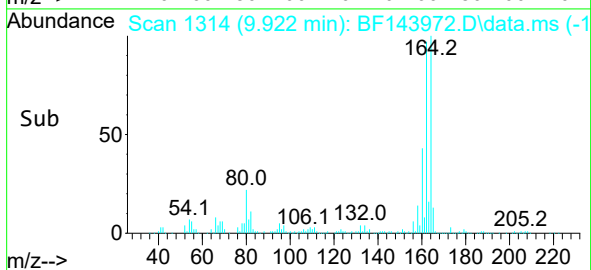
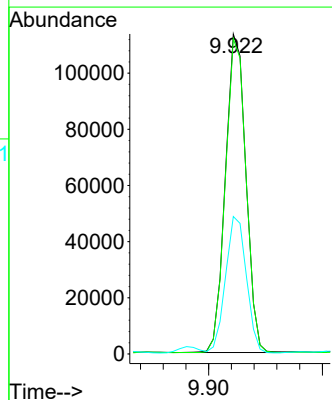
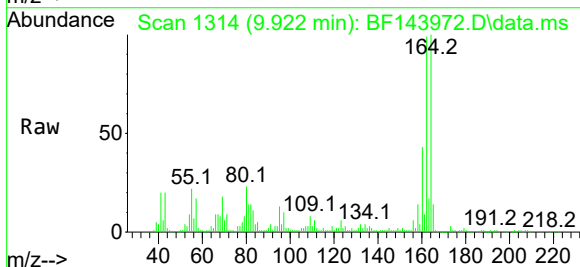
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-1

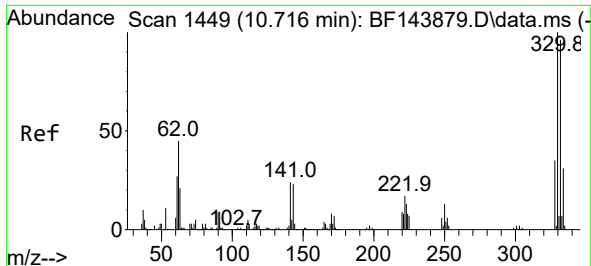
Tgt Ion: 82 Resp: 228108  
Ion Ratio Lower Upper  
82 100  
128 42.0 34.0 51.0  
54 61.6 53.2 79.8



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. -0.005 min  
Lab File: BF143972.D  
Acq: 16 Oct 2025 00:45

Tgt Ion: 164 Resp: 142133  
Ion Ratio Lower Upper  
164 100  
162 98.5 80.2 120.2  
160 43.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 54.08 ng

RT: 10.722 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF143972.D

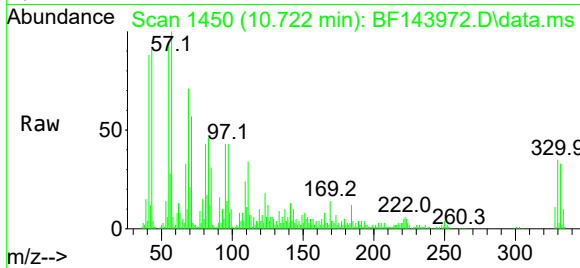
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Instrument :

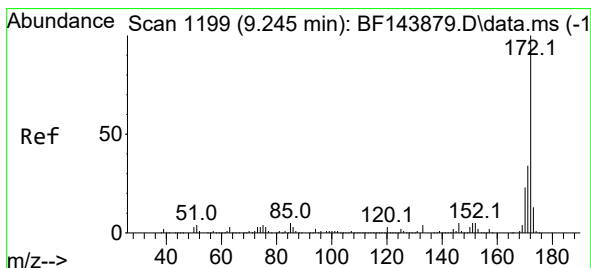
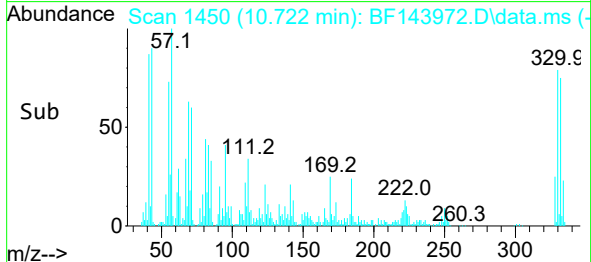
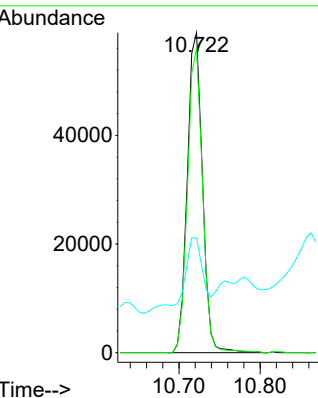
BNA\_F

ClientSampleId :

CONCRETE-1



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 76564 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 94.4  | 76.9  | 115.3 |
| 141       | 30.6  | 20.2  | 30.4# |



#45

2-Fluorobiphenyl

Concen: 49.46 ng

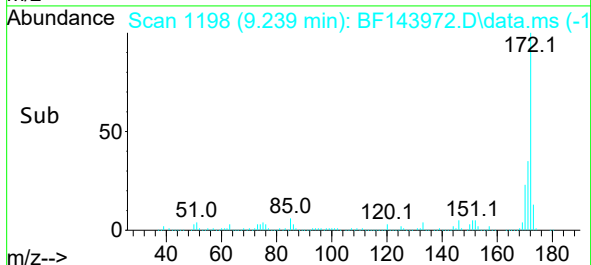
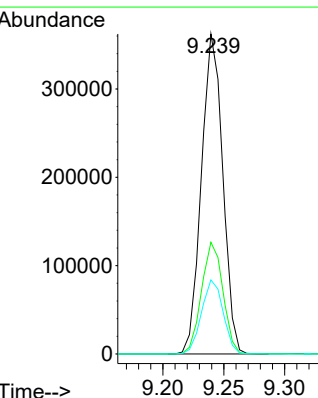
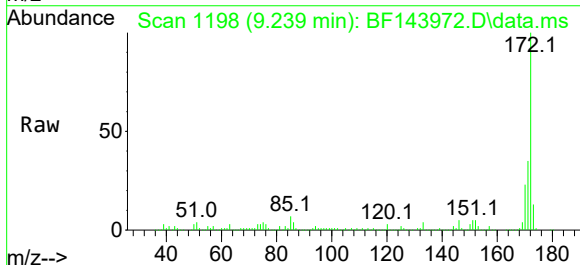
RT: 9.239 min Scan# 1198

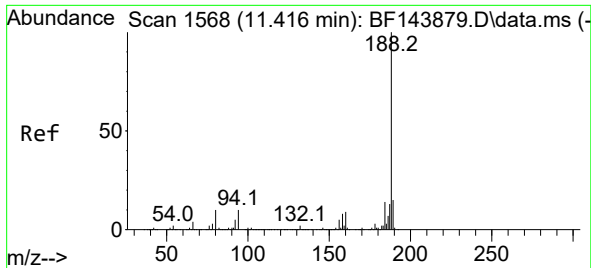
Delta R.T. -0.012 min

Lab File: BF143972.D

Acq: 16 Oct 2025 00:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 443039 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 34.9  | 27.4  | 41.0   |
| 170       | 23.2  | 18.6  | 28.0   |

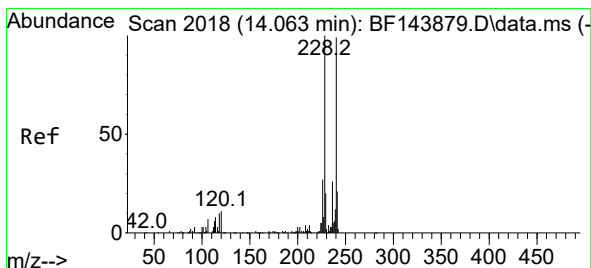
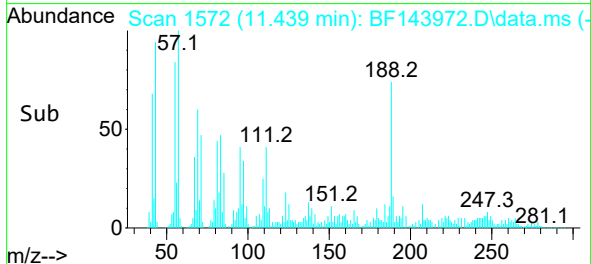
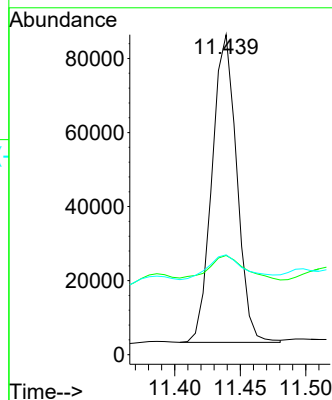
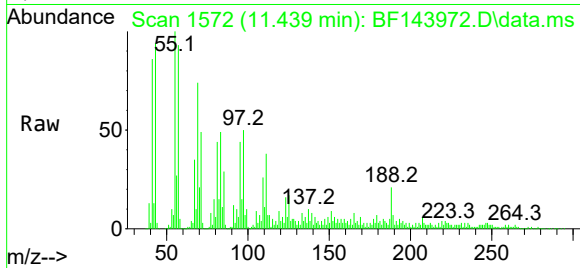




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.439 min Scan# 11  
Delta R.T. 0.024 min  
Lab File: BF143972.D  
Acq: 16 Oct 2025 00:45

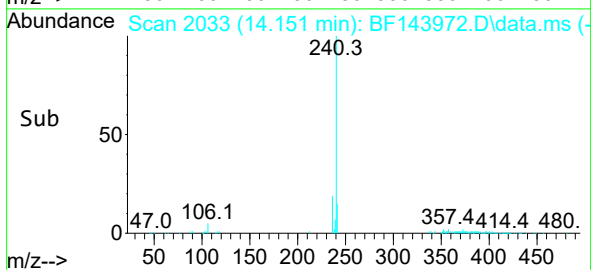
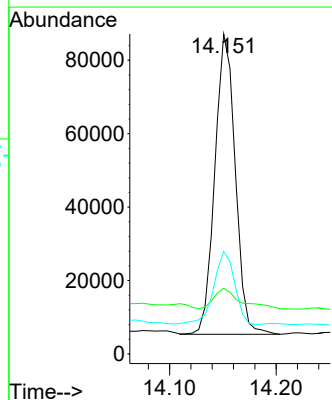
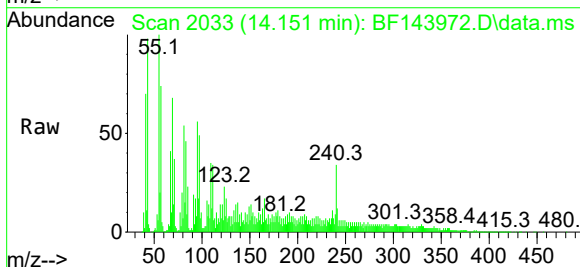
Instrument :  
BNA\_F  
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CONCRETE-1

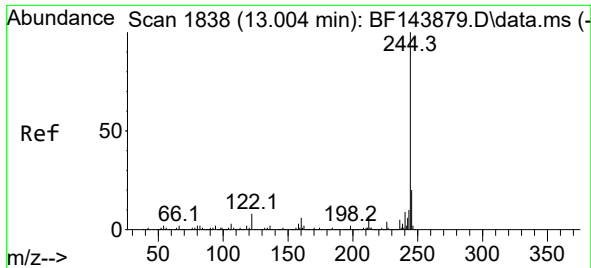
Tgt Ion:188 Resp: 109075  
Ion Ratio Lower Upper  
188 100  
94 31.0 7.8 11.6#  
80 31.2 7.9 11.9#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.151 min Scan# 2033  
Delta R.T. 0.083 min  
Lab File: BF143972.D  
Acq: 16 Oct 2025 00:45

Tgt Ion:240 Resp: 108805  
Ion Ratio Lower Upper  
240 100  
120 20.5 8.6 13.0#  
236 32.0 21.1 31.7#

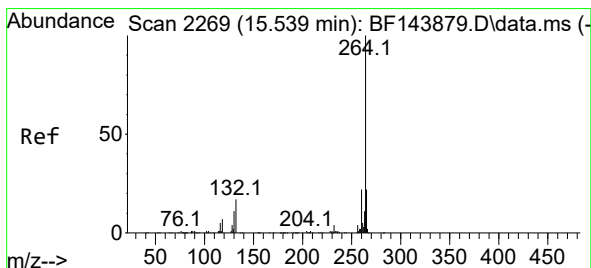
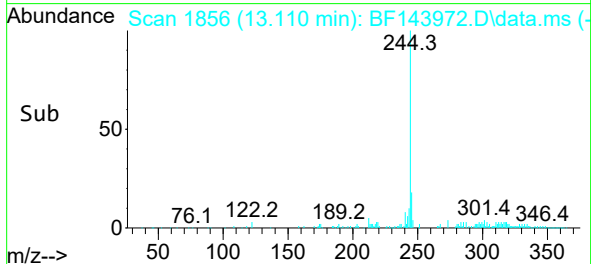
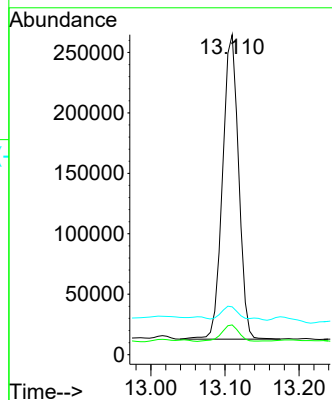
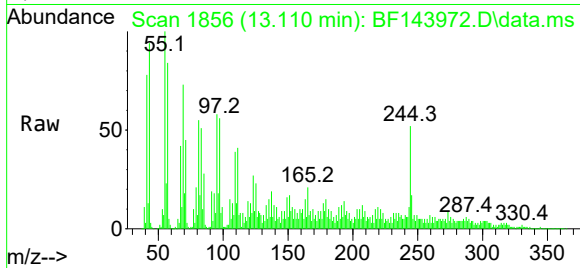




#79  
 Terphenyl-d14  
 Concen: 59.42 ng  
 RT: 13.110 min Scan# 11  
 Delta R.T. 0.100 min  
 Lab File: BF143972.D  
 Acq: 16 Oct 2025 00:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-1

Tgt Ion:244 Resp: 378316  
 Ion Ratio Lower Upper  
 244 100  
 212 9.3 5.4 8.0#  
 122 15.0 6.4 9.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.592 min Scan# 2278  
 Delta R.T. 0.047 min  
 Lab File: BF143972.D  
 Acq: 16 Oct 2025 00:45

Tgt Ion:264 Resp: 142136  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 17.8 26.8  
 265 22.3 17.5 26.3

