

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122223\  
 Data File : BF136704.D  
 Acq On : 23 Dec 2023 01:08  
 Operator : CG\JU  
 Sample : 05929-17 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SHORT-CONCRETE-PAD-1

Quant Time: Dec 23 01:59:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

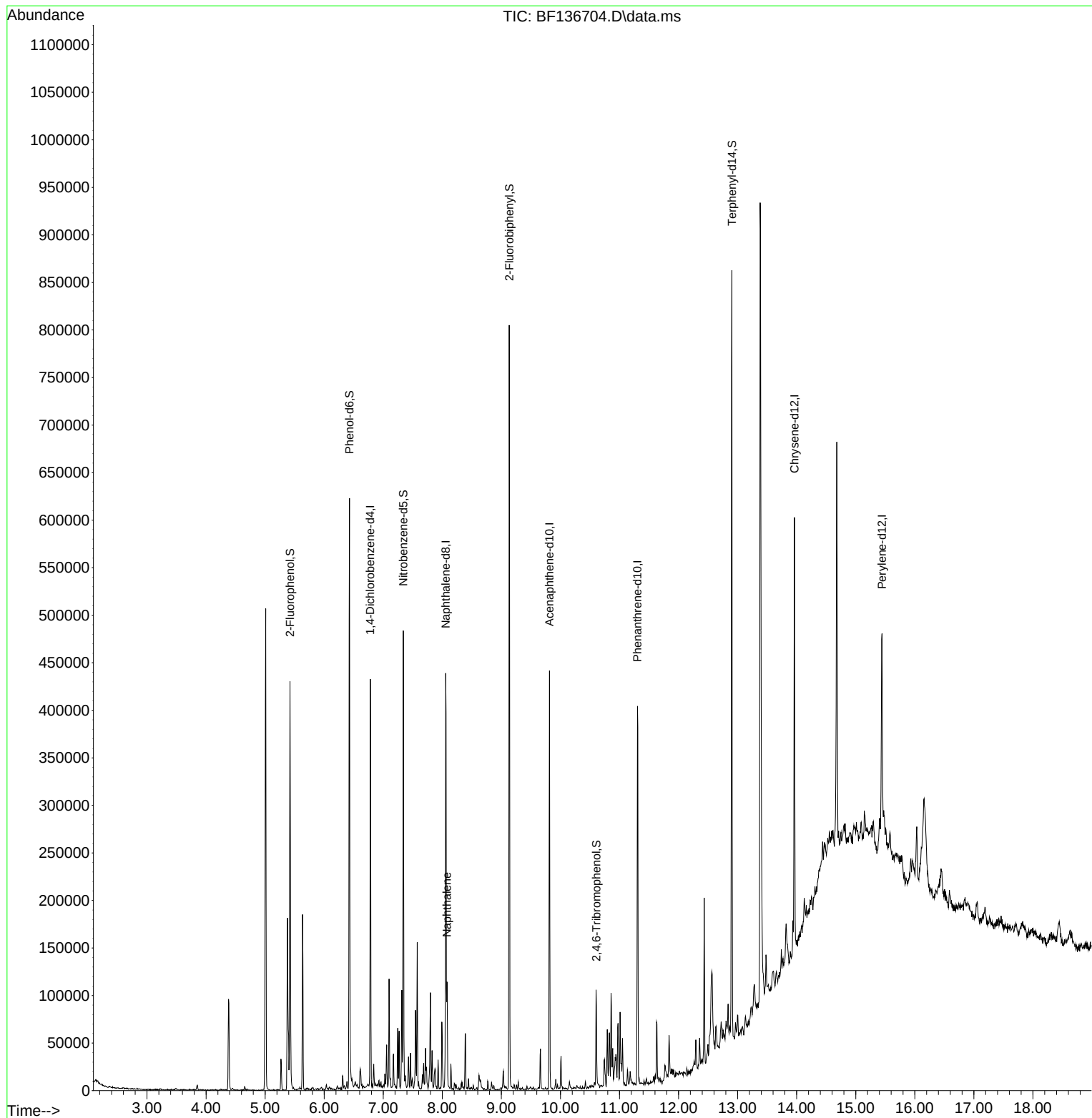
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 58424    | 20.000 | ng    | -0.01     |
| 21) Naphthalene-d8          | 8.057  | 136  | 186402   | 20.000 | ng    | -0.01     |
| 39) Acenaphthene-d10        | 9.816  | 164  | 76614    | 20.000 | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.304 | 188  | 149724   | 20.000 | ng    | -0.01     |
| 76) Chrysene-d12            | 13.962 | 240  | 141604   | 20.000 | ng    | 0.00      |
| 86) Perylene-d12            | 15.445 | 264  | 98095    | 20.000 | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.422  | 112  | 106593   | 28.467 | ng    | 0.00      |
| 7) Phenol-d6                | 6.428  | 99   | 192396   | 39.654 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.339  | 82   | 130242   | 35.754 | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 10.610 | 330  | 12599    | 13.963 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.133  | 172  | 231809   | 40.695 | ng    | -0.02     |
| 79) Terphenyl-d14           | 12.904 | 244  | 277176   | 27.354 | ng    | -0.01     |
| Target Compounds            |        |      |          |        |       |           |
| 31) Naphthalene             | 8.081  | 128  | 28653    | 2.798  | ng    | Qvalue 99 |
| -----                       |        |      |          |        |       |           |

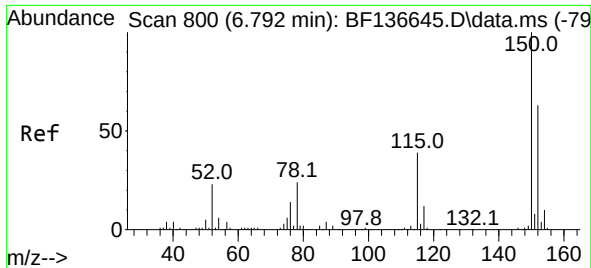
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122223\  
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SHORT-CONCRETE-PAD-1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
Response via : Initial Calibration

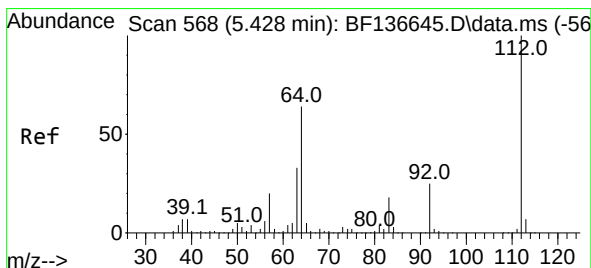
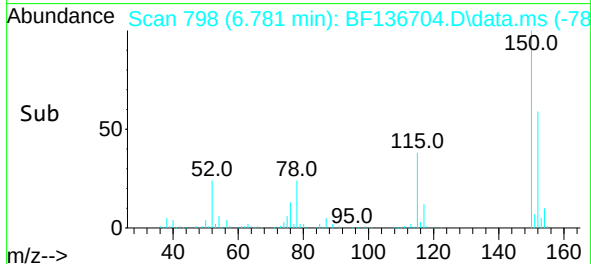
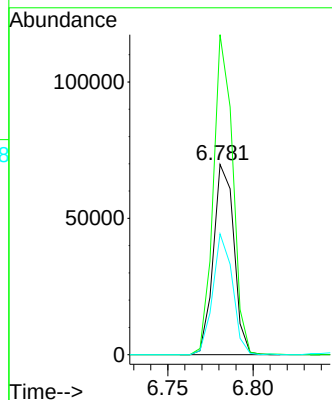
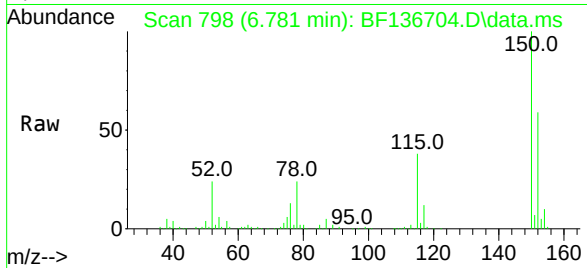




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BF136704.D  
Acq: 23 Dec 2023 01:08

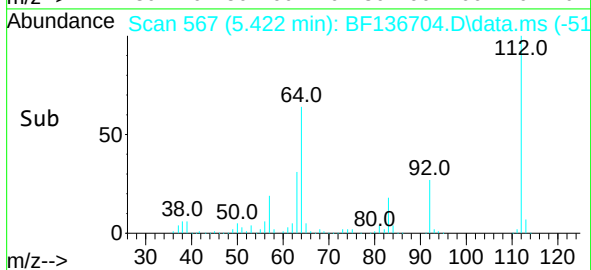
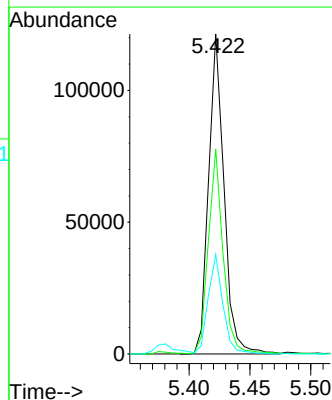
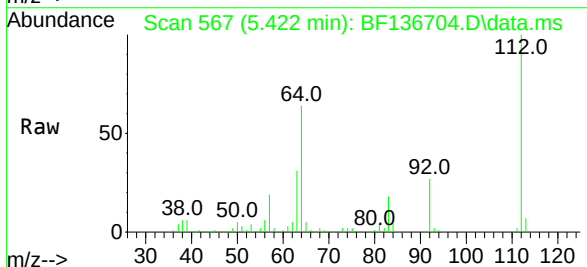
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BNA\_F  
ClientSampleId :  
SHORT-CONCRETE-PAD-1

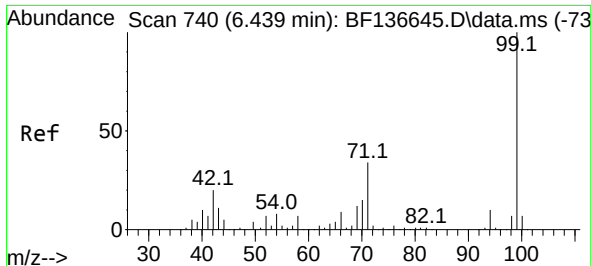
Tgt Ion:152 Resp: 58424  
Ion Ratio Lower Upper  
152 100  
150 168.2 127.0 190.6  
115 63.5 49.0 73.4



#5  
2-Fluorophenol  
Concen: 28.467 ng  
RT: 5.422 min Scan# 567  
Delta R.T. -0.006 min  
Lab File: BF136704.D  
Acq: 23 Dec 2023 01:08

Tgt Ion:112 Resp: 106593  
Ion Ratio Lower Upper  
112 100  
64 64.0 51.1 76.7  
63 31.1 26.1 39.1

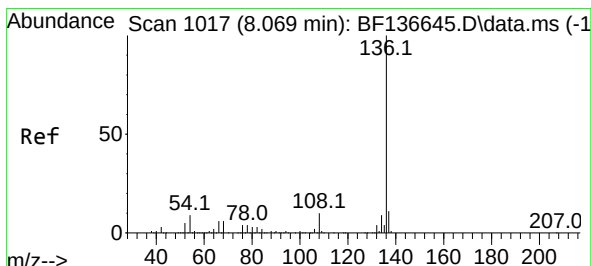
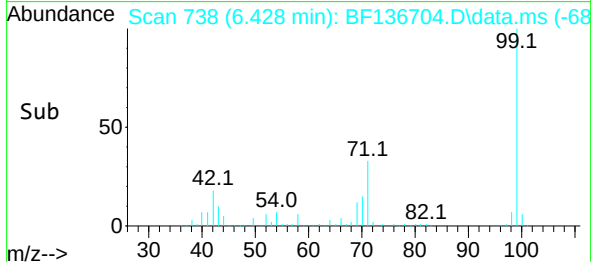
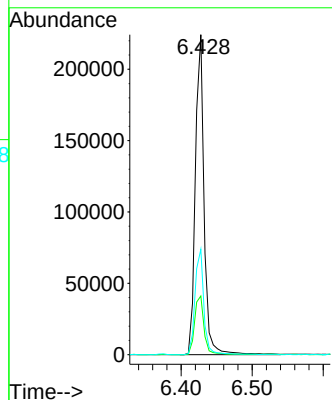
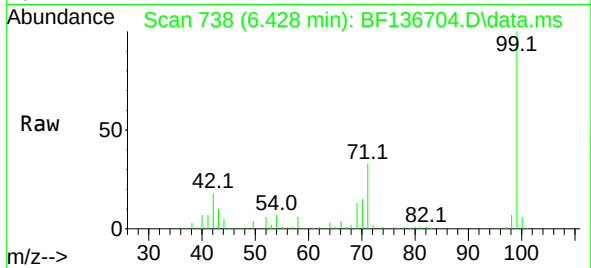




#7  
Phenol-d6  
Concen: 39.654 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136704.D  
Acq: 23 Dec 2023 01:08

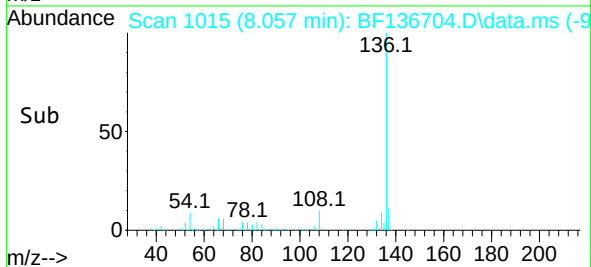
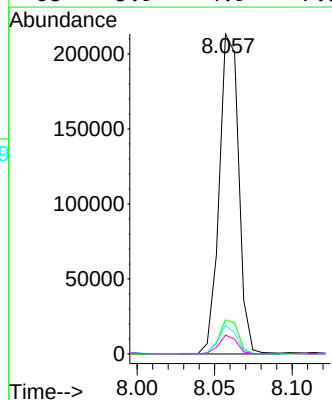
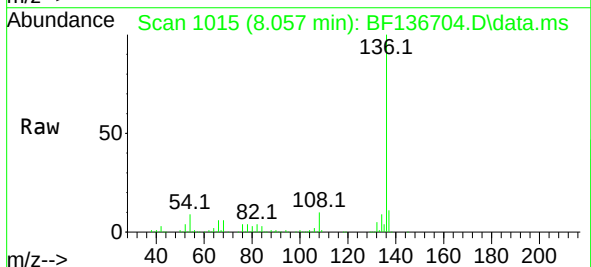
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BNA\_F  
ClientSampleId :  
SHORT-CONCRETE-PAD-1

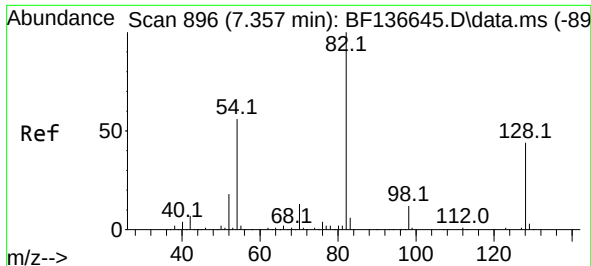
Tgt Ion: 99 Resp: 192396  
Ion Ratio Lower Upper  
99 100  
42 18.4 16.1 24.1  
71 33.0 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF136704.D  
Acq: 23 Dec 2023 01:08

Tgt Ion: 136 Resp: 186402  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 9.1 7.2 10.8  
68 5.9 4.9 7.3

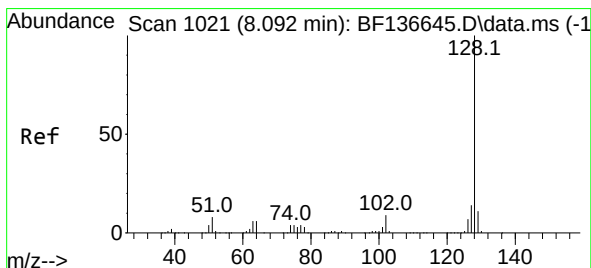
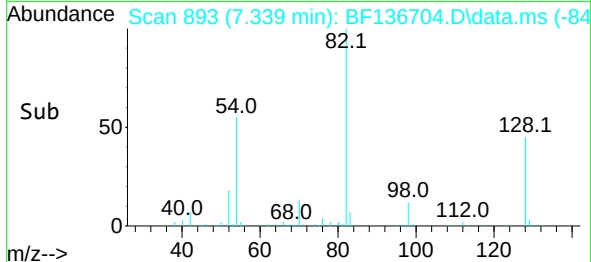
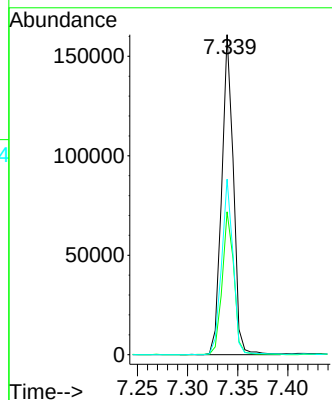
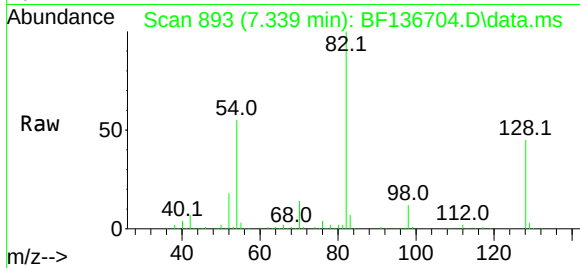




#23  
 Nitrobenzene-d5  
 Concen: 35.754 ng  
 RT: 7.339 min Scan# 89  
 Delta R.T. -0.018 min  
 Lab File: BF136704.D  
 Acq: 23 Dec 2023 01:08

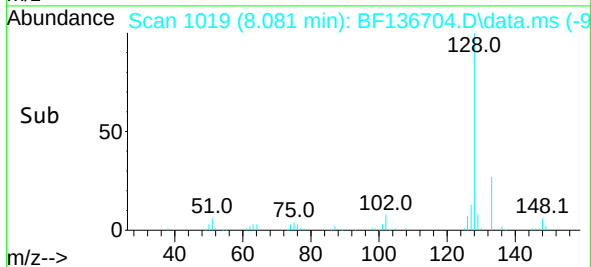
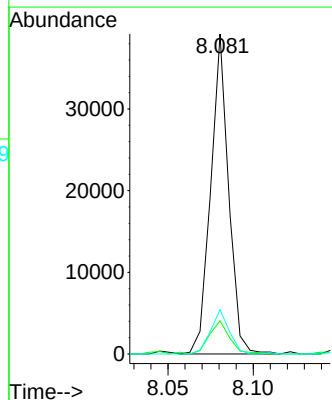
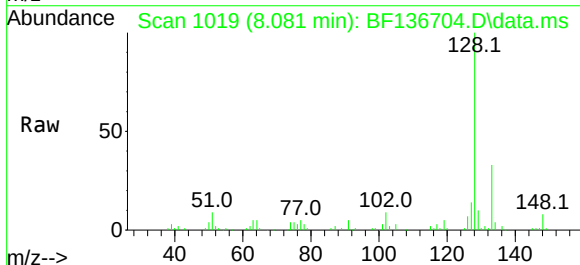
Instrument :  
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 SHORT-CONCRETE-PAD-1

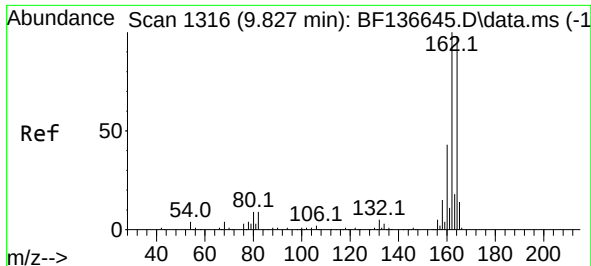
Tgt Ion: 82 Resp: 130242  
 Ion Ratio Lower Upper  
 82 100  
 128 44.6 35.3 52.9  
 54 54.9 44.5 66.7



#31  
 Naphthalene  
 Concen: 2.798 ng  
 RT: 8.081 min Scan# 1019  
 Delta R.T. -0.012 min  
 Lab File: BF136704.D  
 Acq: 23 Dec 2023 01:08

Tgt Ion: 128 Resp: 28653  
 Ion Ratio Lower Upper  
 128 100  
 129 10.4 8.7 13.1  
 127 13.9 10.8 16.2

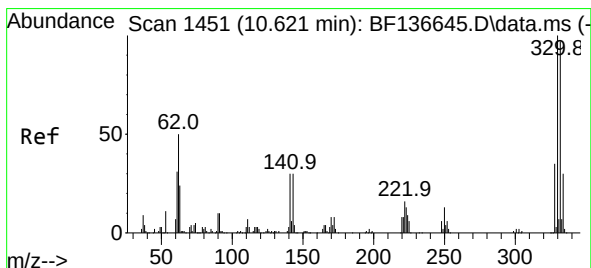
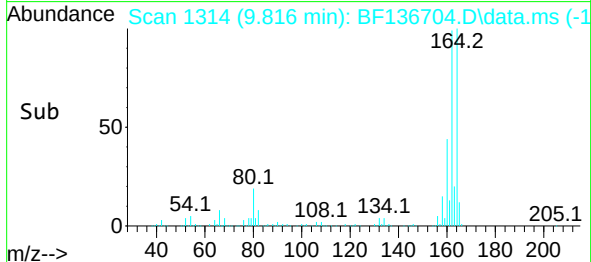
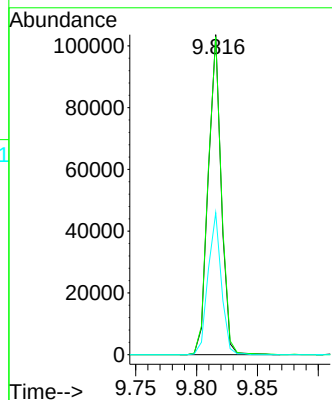
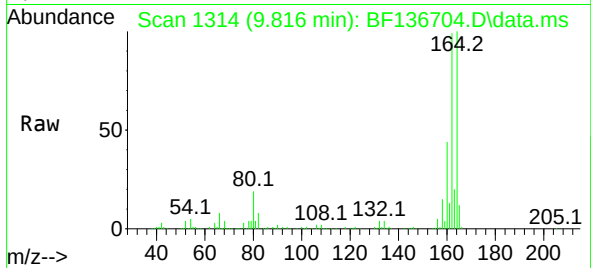




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136704.D  
Acq: 23 Dec 2023 01:08

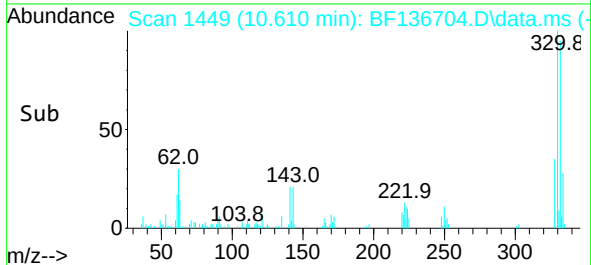
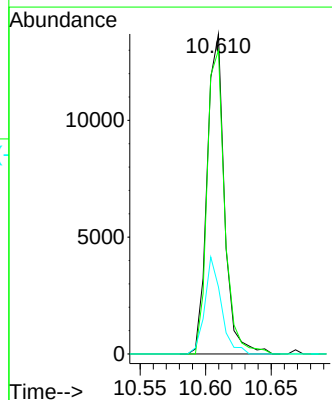
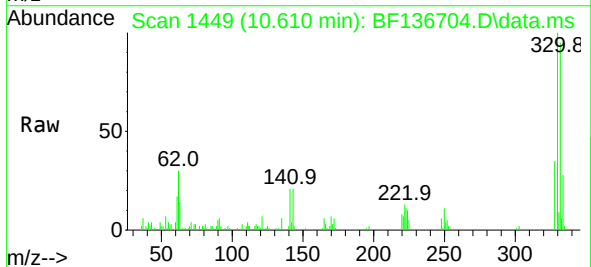
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ClientSampleId :  
SHORT-CONCRETE-PAD-1

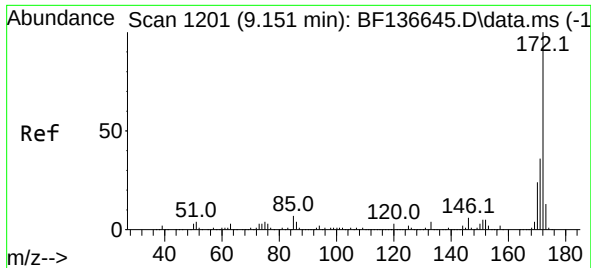
Tgt Ion:164 Resp: 76614  
Ion Ratio Lower Upper  
164 100  
162 99.4 81.6 122.4  
160 44.3 34.9 52.3



#42  
2,4,6-Tribromophenol  
Concen: 13.963 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.012 min  
Lab File: BF136704.D  
Acq: 23 Dec 2023 01:08

Tgt Ion:330 Resp: 12599  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.4 116.0  
141 28.7 23.4 35.2

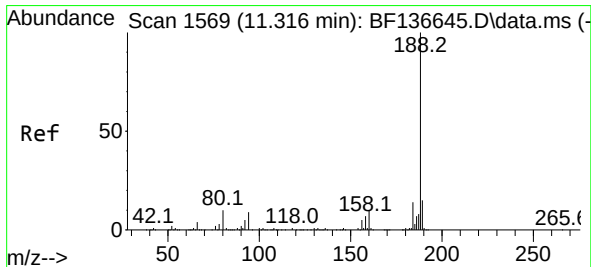
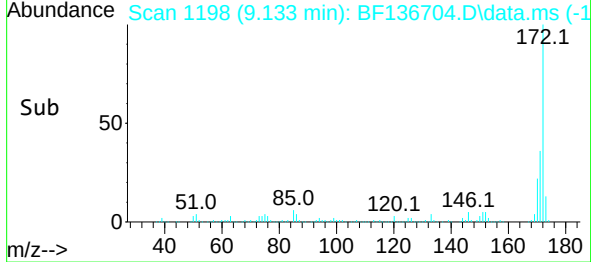
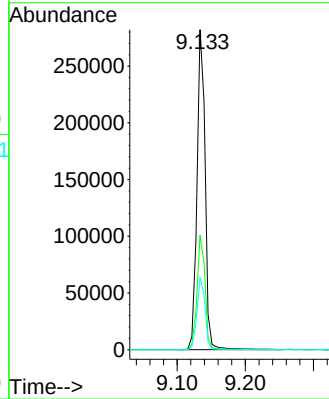
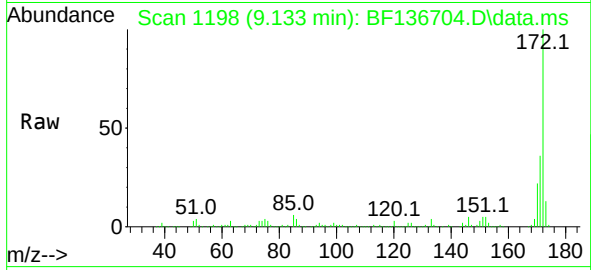




#45  
2-Fluorobiphenyl  
Concen: 40.695 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. -0.018 min  
Lab File: BF136704.D  
Acq: 23 Dec 2023 01:08

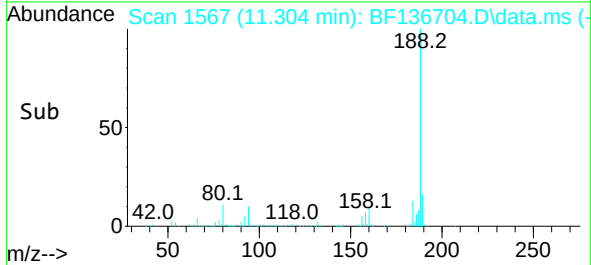
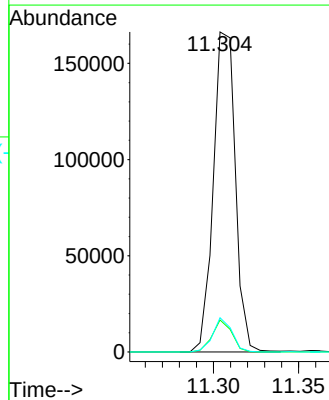
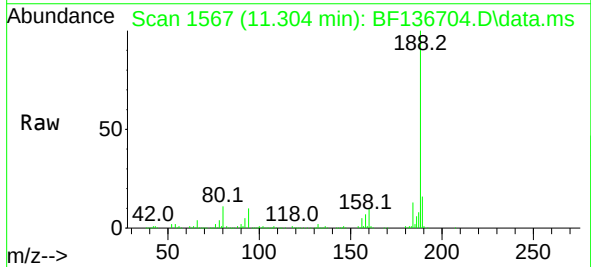
Instrument :  
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SHORT-CONCRETE-PAD-1

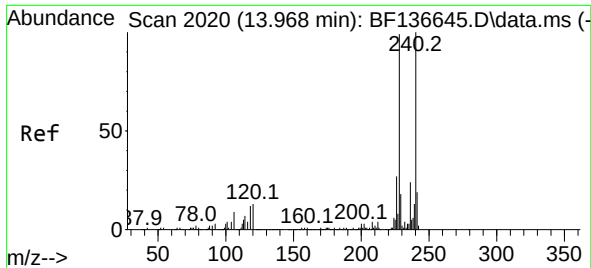
Tgt Ion:172 Resp: 231809  
Ion Ratio Lower Upper  
172 100  
171 35.7 29.0 43.6  
170 22.4 19.0 28.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. -0.012 min  
Lab File: BF136704.D  
Acq: 23 Dec 2023 01:08

Tgt Ion:188 Resp: 149724  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.5 11.3  
80 10.7 8.1 12.1

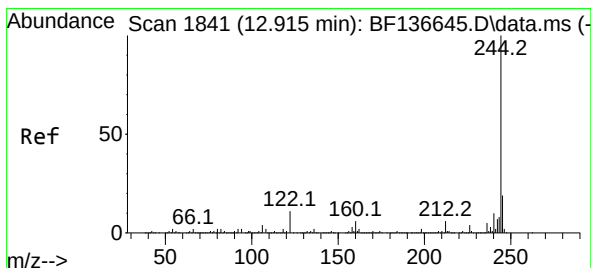
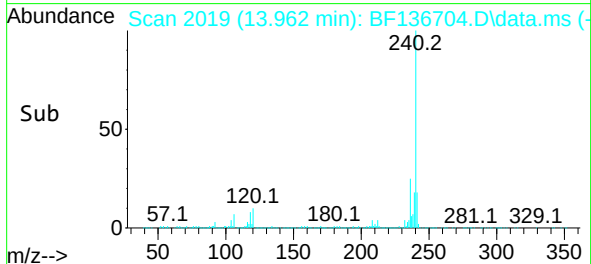
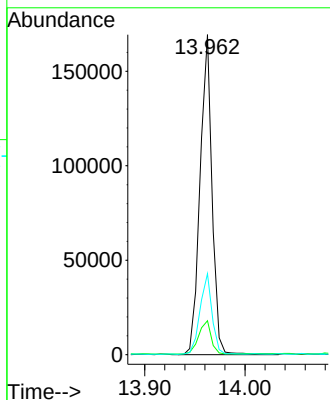
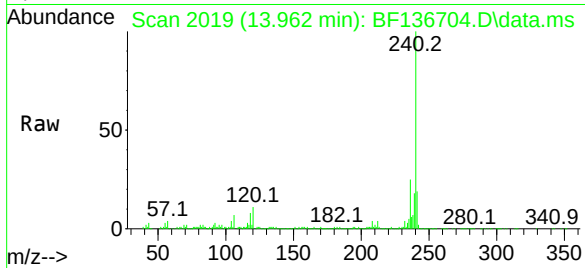




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.962 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF136704.D  
Acq: 23 Dec 2023 01:08

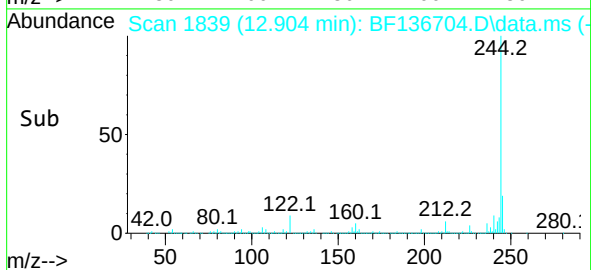
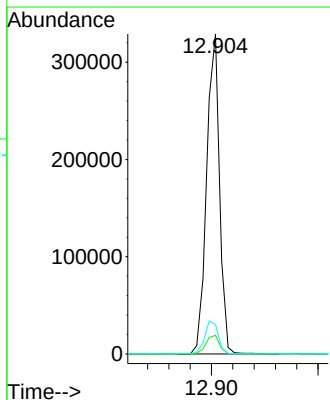
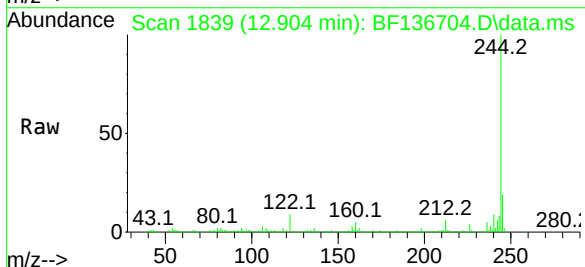
Instrument :  
BNA\_F  
ClientSampleId :  
SHORT-CONCRETE-PAD-1

Tgt Ion:240 Resp: 141604  
Ion Ratio Lower Upper  
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120 10.6 10.3 15.5  
236 25.3 19.4 29.2

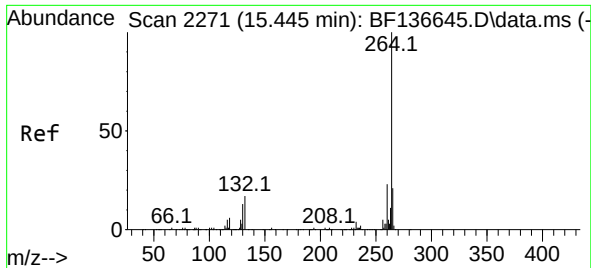


#79  
Terphenyl-d14  
Concen: 27.354 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. -0.012 min  
Lab File: BF136704.D  
Acq: 23 Dec 2023 01:08

Tgt Ion:244 Resp: 277176  
Ion Ratio Lower Upper  
244 100  
212 5.8 5.0 7.4  
122 9.2 9.0 13.4

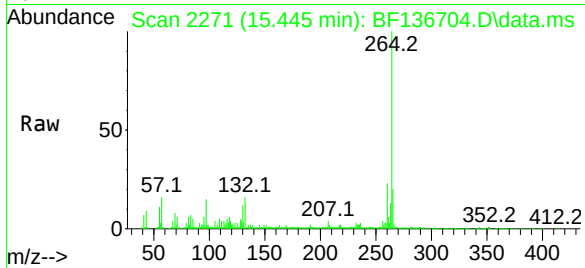






#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.445 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF136704.D  
 Acq: 23 Dec 2023 01:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SHORT-CONCRETE-PAD-1



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 98095 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 22.6  | 18.3  | 27.5  |
| 265       | 20.3  | 17.0  | 25.6  |

