

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031221\  
 Data File : BM029124.D  
 Acq On : 12 Mar 2021 23:04  
 Operator : CG/JU  
 Sample : M1649-07 10X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CONCRETE-PILE-1

Quant Time: Mar 12 23:44:50 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 12 12:30:15 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.616  | 152  | 9070     | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.410 | 136  | 35561    | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.286 | 164  | 20082    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.039 | 188  | 40803    | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.215 | 240  | 41116    | 20.00 | ng    | #-0.01   |
| 86) Perylene-d12            | 23.356 | 264  | 45051    | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.205  | 112  | 2431     | 4.44  | ng    | 0.00     |
| 7) Phenol-d6                | 6.828  | 99   | 3790     | 5.24  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.798  | 82   | 2738     | 4.15  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.798 | 330  | 900      | 3.78  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.898 | 172  | 7121     | 4.72  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.668 | 244  | 10590    | 4.76  | ng    | 0.00     |

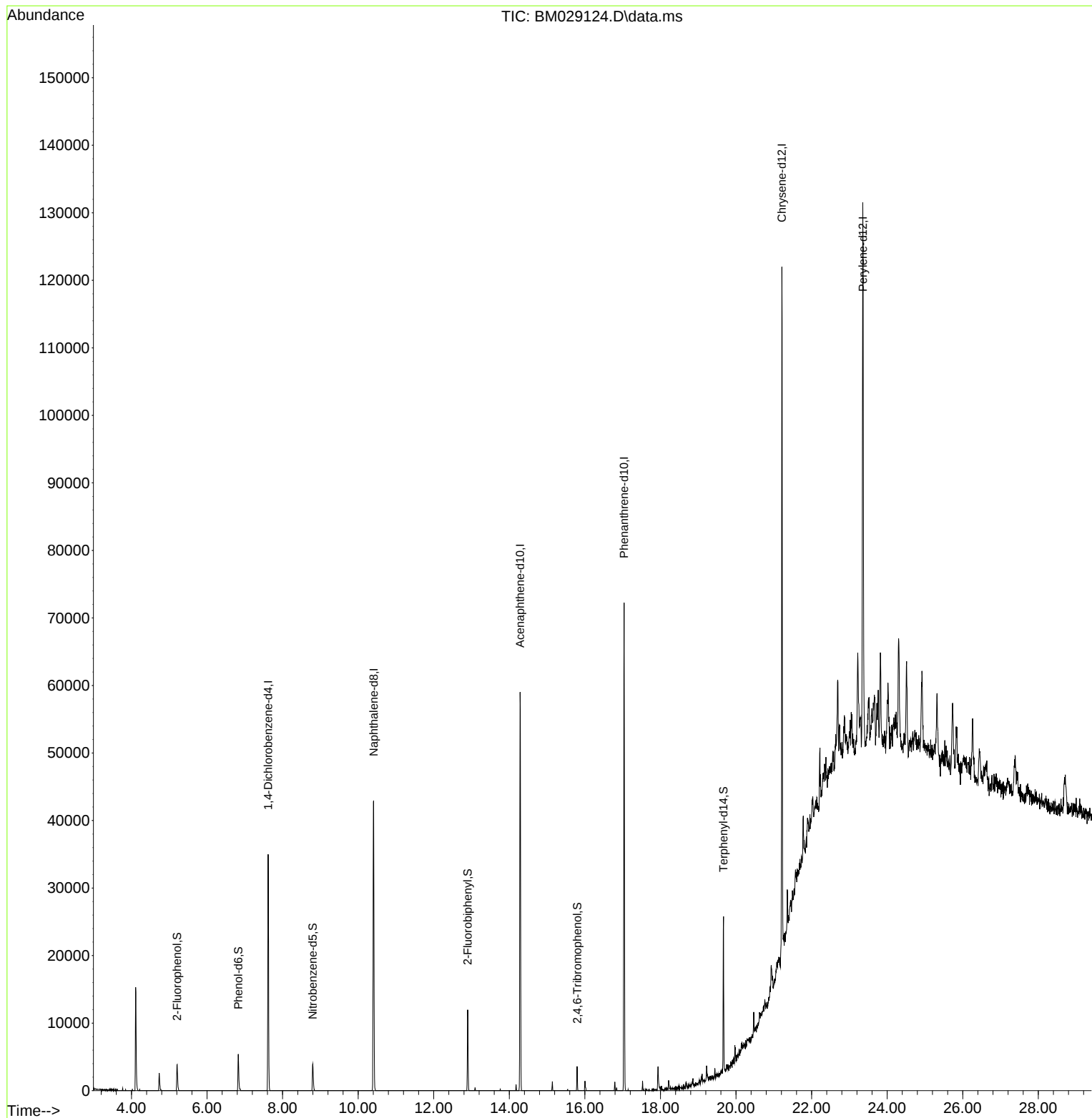
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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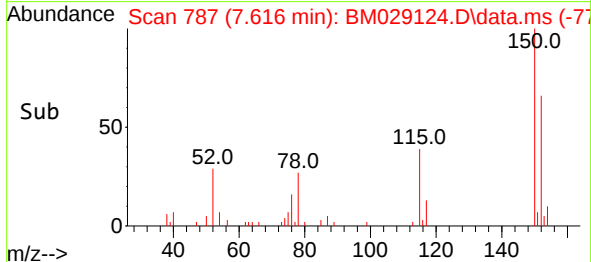
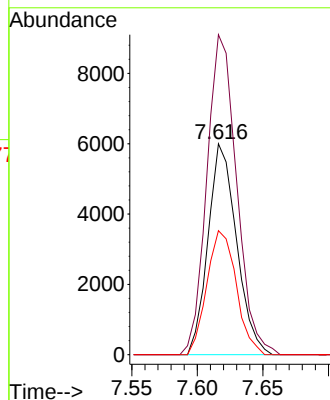
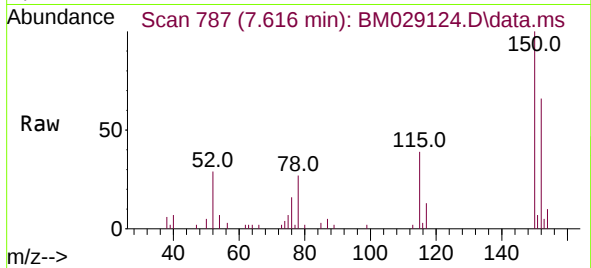




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.616 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

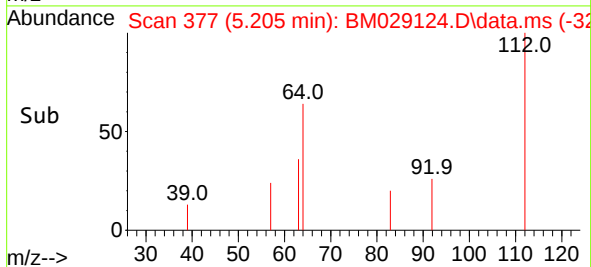
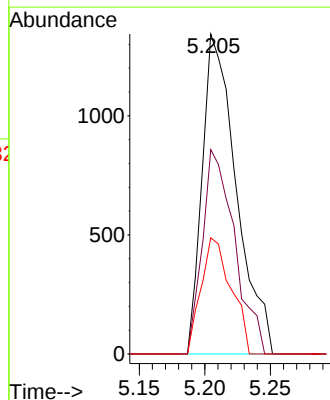
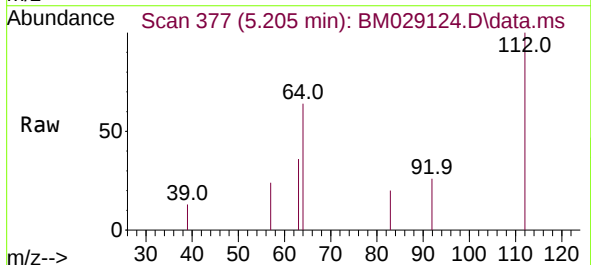
Instrument :  
BNA\_M  
ClientSampleId :  
CONCRETE-PILE-1

Tgt Ion:152 Resp: 9070  
Ion Ratio Lower Upper  
152 100  
150 151.7 120.6 181.0  
115 58.8 47.2 70.8



#5  
2-Fluorophenol  
Concen: 4.44 ng  
RT: 5.205 min Scan# 377  
Delta R.T. 0.006 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

Tgt Ion:112 Resp: 2431  
Ion Ratio Lower Upper  
112 100  
64 63.8 50.6 76.0  
63 36.3 31.0 46.6

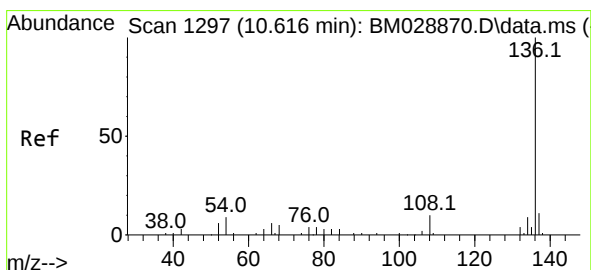
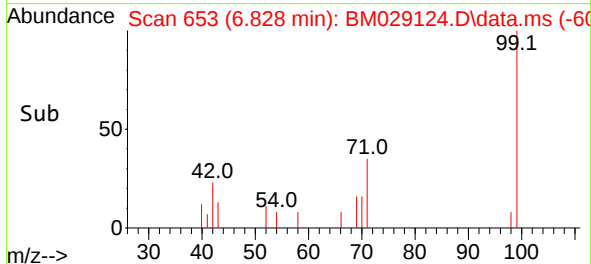
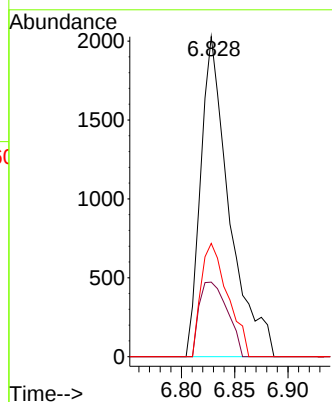
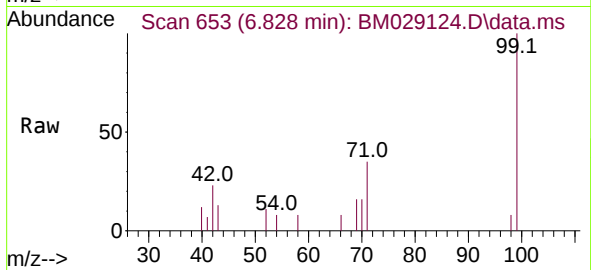




#7  
Phenol-d6  
Concen: 5.24 ng  
RT: 6.828 min Scan# 653  
Delta R.T. 0.006 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

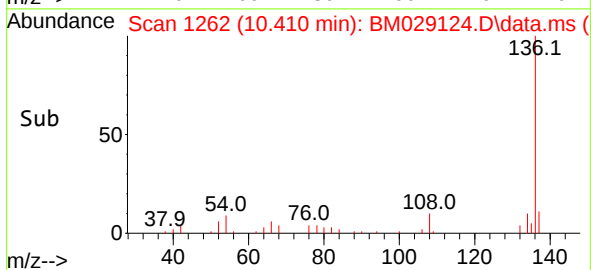
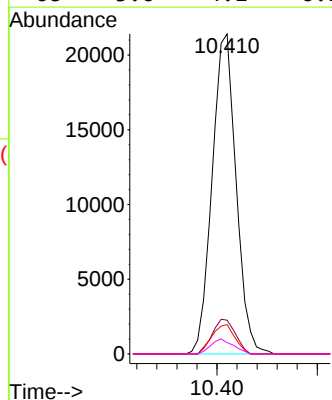
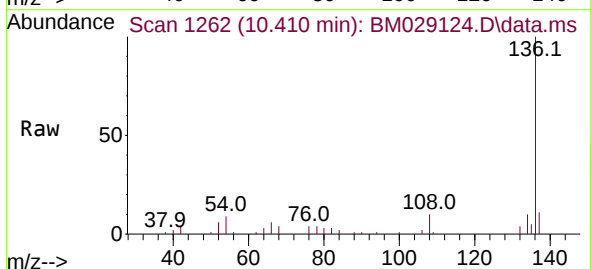
Instrument :  
BNA\_M  
ClientSampleId :  
CONCRETE-PILE-1

Tgt Ion: 99 Resp: 3790  
Ion Ratio Lower Upper  
99 100  
42 23.3 13.5 20.3#  
71 35.4 39.4 59.0#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.410 min Scan# 1262  
Delta R.T. -0.006 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

Tgt Ion: 136 Resp: 35561  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 12.8  
54 9.2 4.6 7.0#  
68 3.6 4.1 6.1#

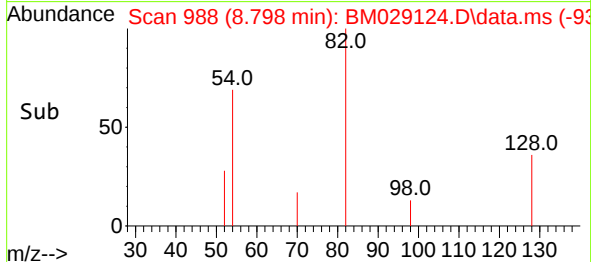
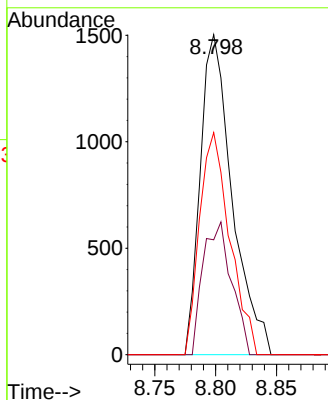
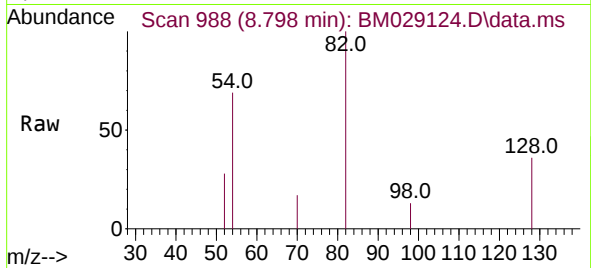




#23  
Nitrobenzene-d5  
Concen: 4.15 ng  
RT: 8.798 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

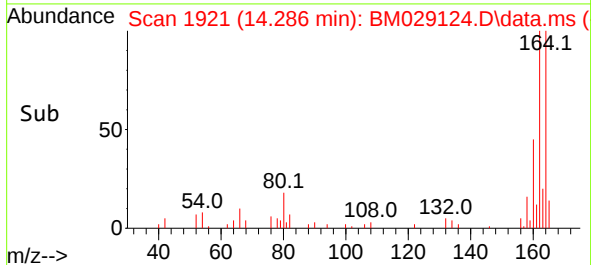
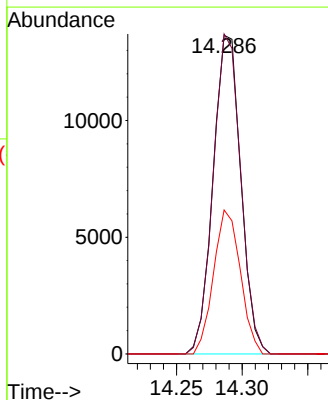
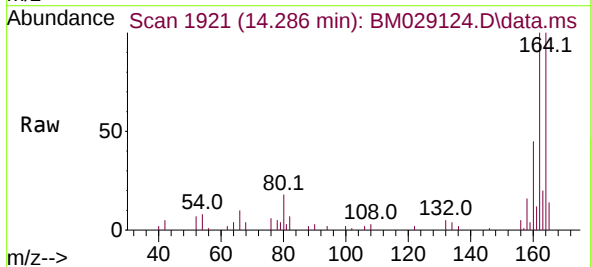
Instrument :  
BNA\_M  
ClientSampleId :  
CONCRETE-PILE-1

Tgt Ion: 82 Resp: 2738  
Ion Ratio Lower Upper  
82 100  
128 35.9 27.4 41.0  
54 69.4 31.4 47.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.286 min Scan# 1921  
Delta R.T. -0.012 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

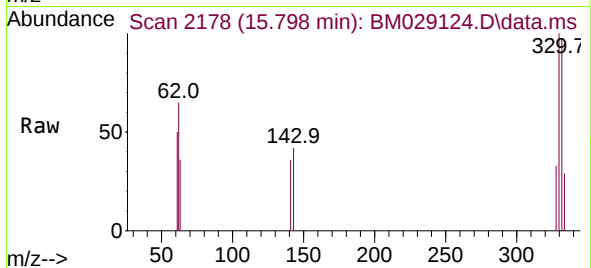
Tgt Ion:164 Resp: 20082  
Ion Ratio Lower Upper  
164 100  
162 100.4 80.4 120.6  
160 45.2 35.9 53.9



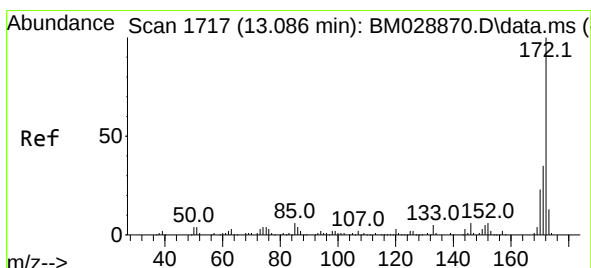
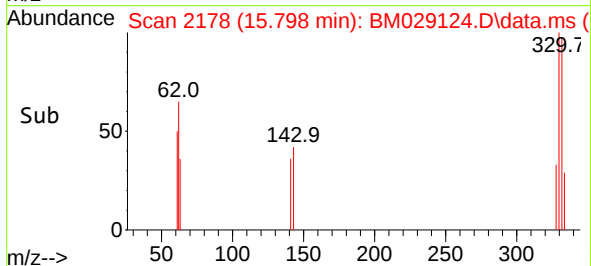
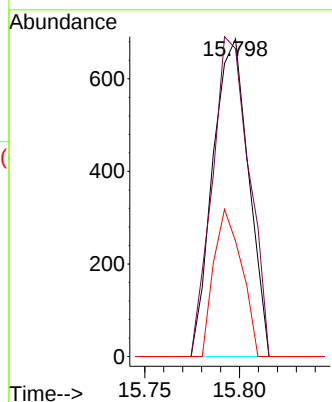


#42  
2,4,6-Tribromophenol  
Concen: 3.78 ng  
RT: 15.798 min Scan# 2178  
Delta R.T. 0.000 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

Instrument :  
BNA\_M  
ClientSampleId :  
CONCRETE-PILE-1

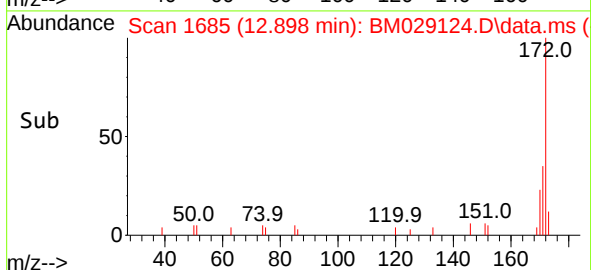
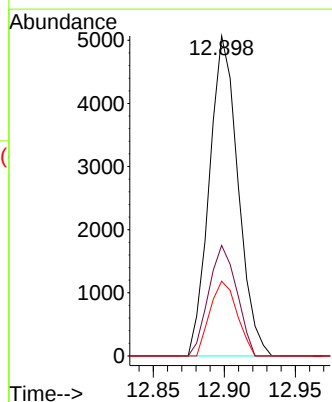
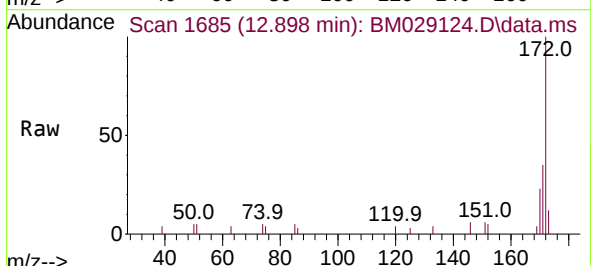


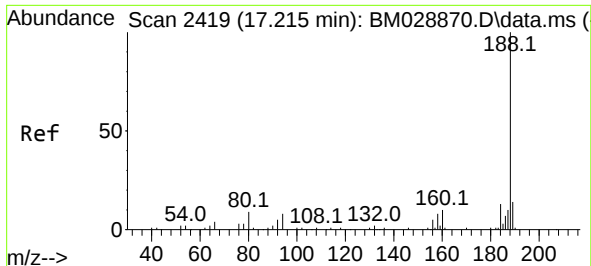
Tgt Ion:330 Resp: 900  
Ion Ratio Lower Upper  
330 100  
332 103.6 77.8 116.8  
141 36.2 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 4.72 ng  
RT: 12.898 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

Tgt Ion:172 Resp: 7121  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.8 41.8  
170 23.3 18.6 27.8

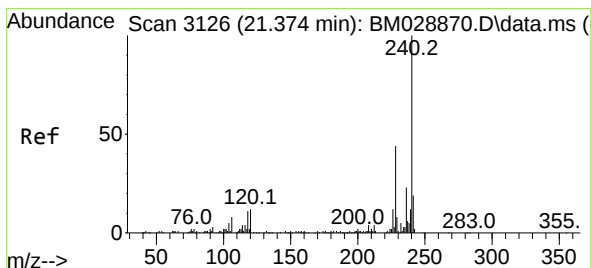
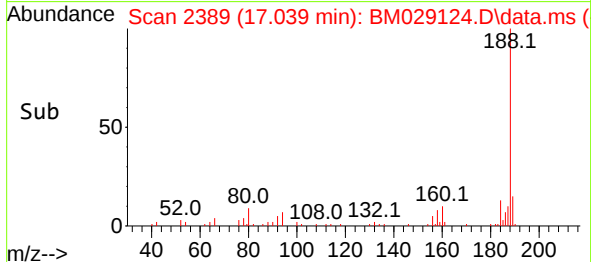
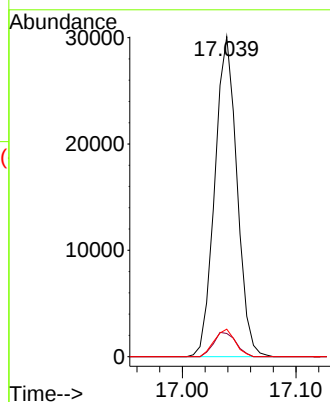
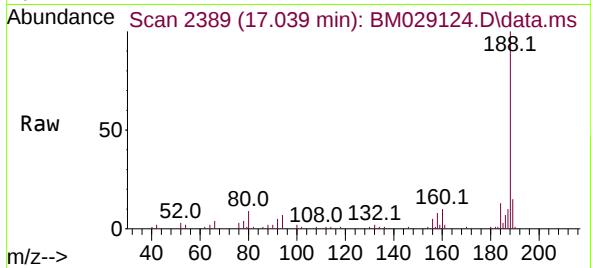




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.039 min Scan# 2389  
Delta R.T. -0.006 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

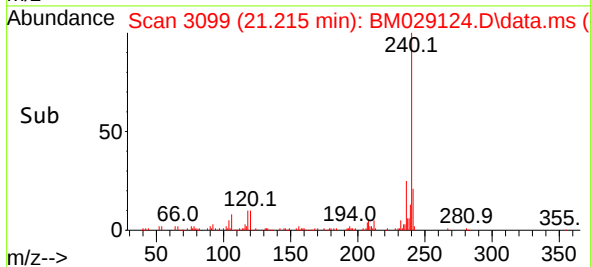
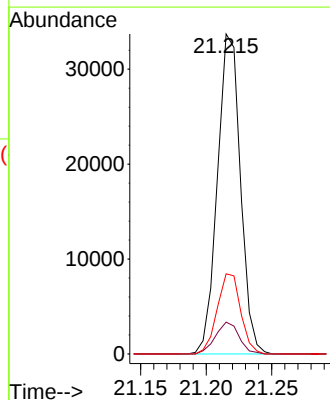
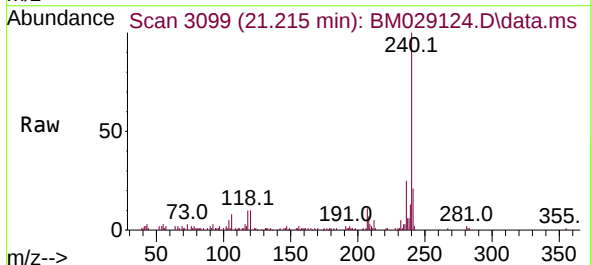
Instrument :  
BNA\_M  
ClientSampleId :  
CONCRETE-PILE-1

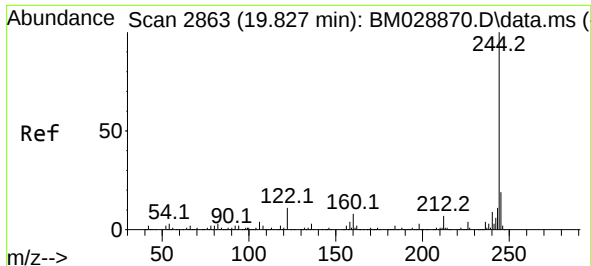
Tgt Ion:188 Resp: 40803  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.2 9.4  
80 8.6 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.215 min Scan# 3099  
Delta R.T. -0.012 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

Tgt Ion:240 Resp: 41116  
Ion Ratio Lower Upper  
240 100  
120 9.9 6.4 9.6#  
236 25.1 20.1 30.1

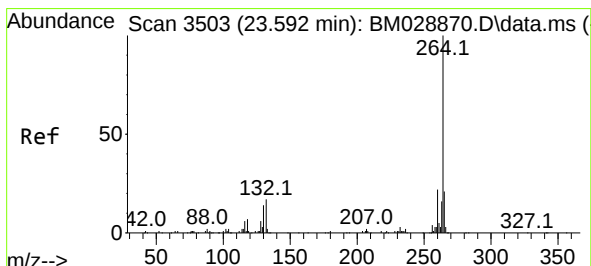
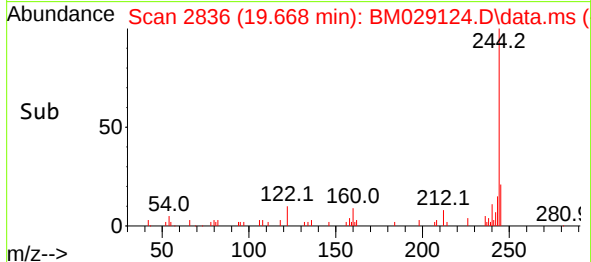
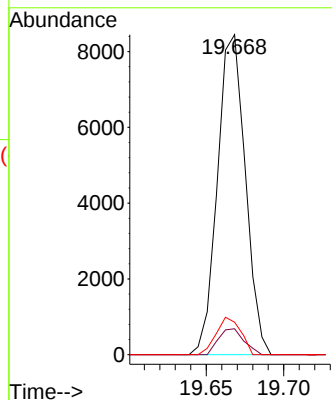
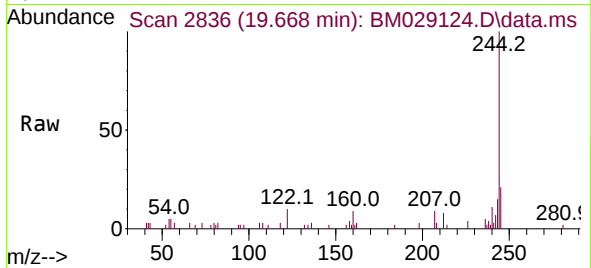




#79  
Terphenyl-d14  
Concen: 4.76 ng  
RT: 19.668 min Scan# 2836  
Delta R.T. -0.006 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

Instrument :  
BNA\_M  
ClientSampleId :  
CONCRETE-PILE-1

Tgt Ion:244 Resp: 10590  
Ion Ratio Lower Upper  
244 100  
212 8.1 5.8 8.8  
122 10.2 6.5 9.7#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.356 min Scan# 3463  
Delta R.T. -0.012 min  
Lab File: BM029124.D  
Acq: 12 Mar 2021 23:04

Tgt Ion:264 Resp: 45051  
Ion Ratio Lower Upper  
264 100  
260 22.9 19.0 28.4  
265 22.5 17.7 26.5

