

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033023\  
 Data File : BM039231.D  
 Acq On : 30 Mar 2023 17:55  
 Operator : CG/JU  
 Sample : 02105-08  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WV-SOIL3-0327

Quant Time: Mar 31 02:39:39 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 30 05:15:45 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	268645	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1011051	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	546294	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1021549	20.000	ng	0.00
76) Chrysene-d12	21.497	240	744521	20.000	ng	0.00
86) Perylene-d12	23.909	264	876787	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2538958	142.389	ng	0.00
7) Phenol-d6	7.093	99	2823047	122.405	ng	0.00
23) Nitrobenzene-d5	9.092	82	2051665	98.626	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	971027	140.025	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3983717	98.804	ng	0.00
79) Terphenyl-d14	19.939	244	4727307	117.310	ng	0.00

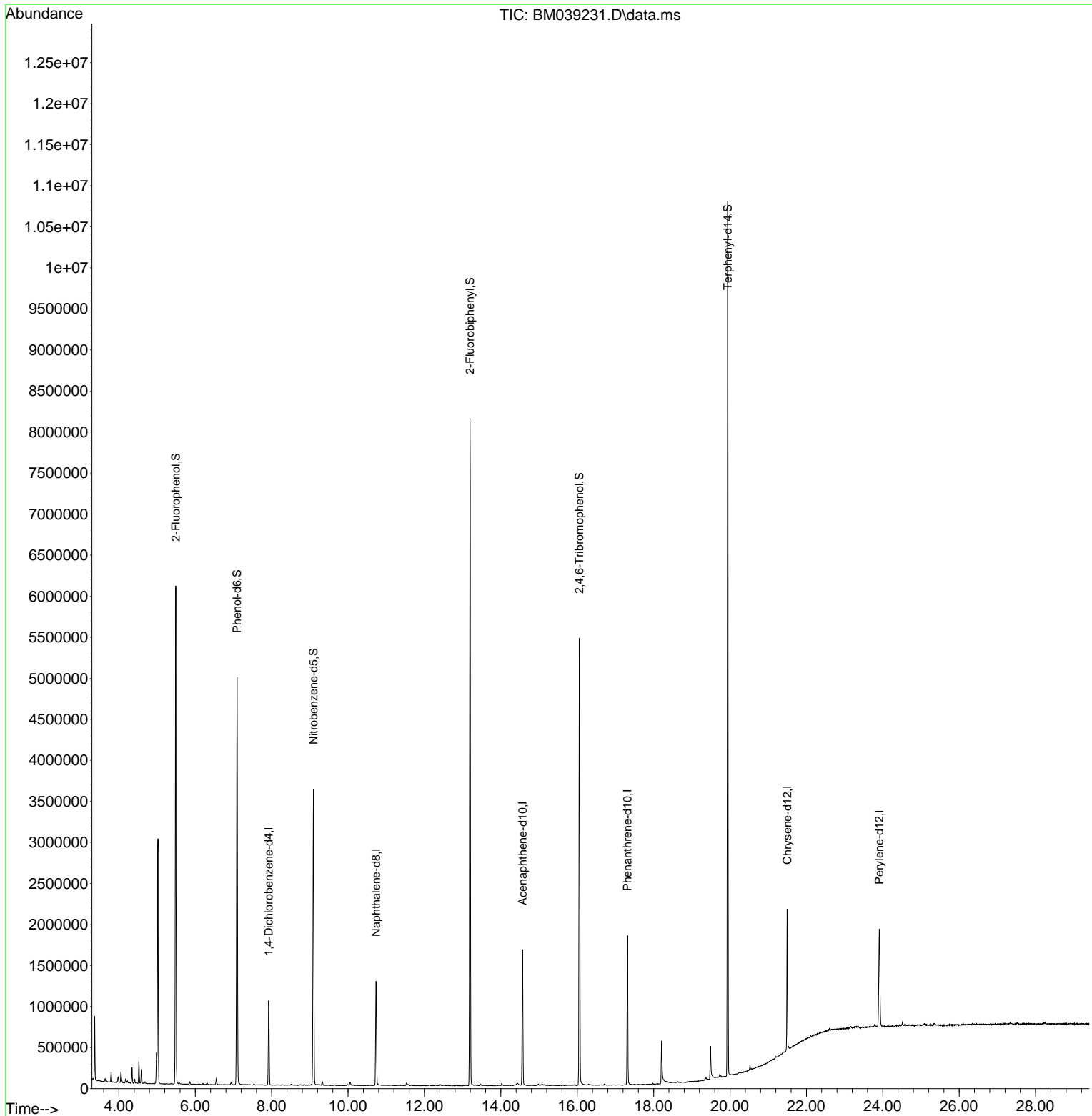
Target Compounds Qvalue

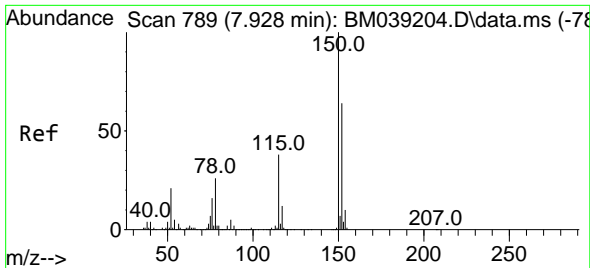
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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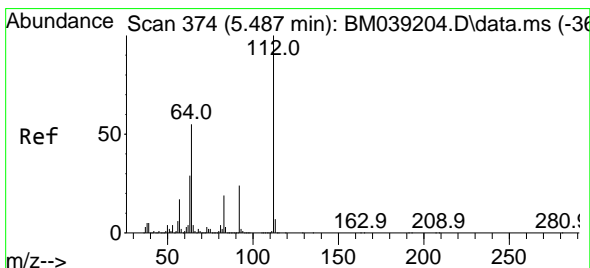
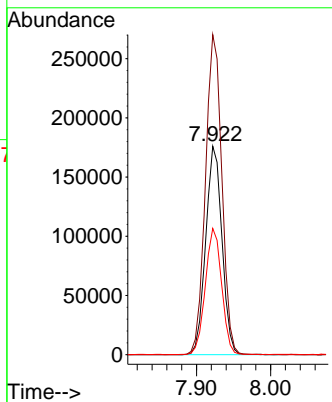
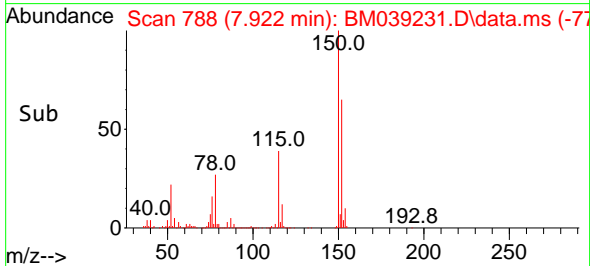
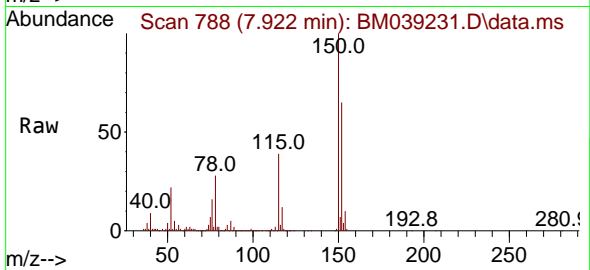




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.922 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55

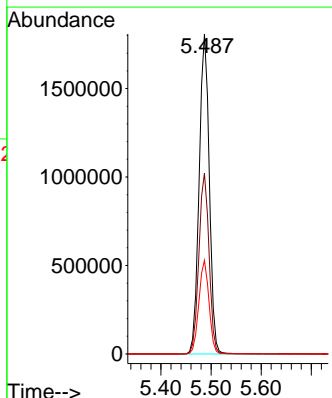
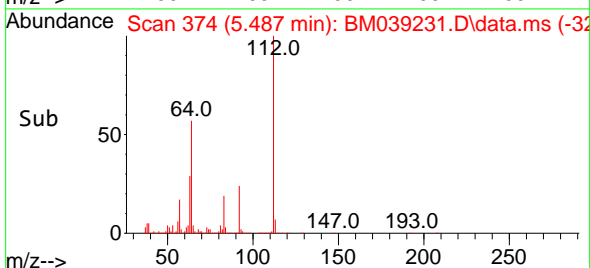
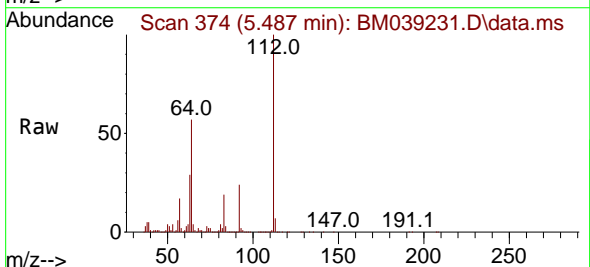
Instrument :  
 BNA\_M  
 ClientSampleId :  
 WV-SOIL3-0327

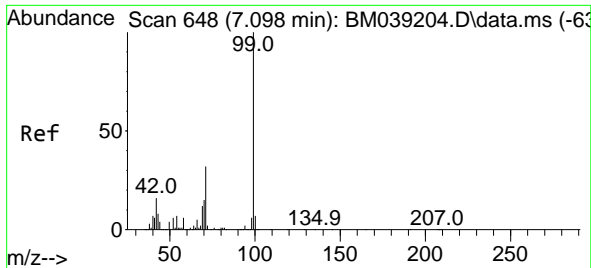
Tgt Ion	Resp	Lower	Upper
152	268645		
152	100		
150	153.4	125.5	188.3
115	60.6	48.1	72.1



#5  
 2-Fluorophenol  
 Concen: 142.389 ng  
 RT: 5.487 min Scan# 374  
 Delta R.T. 0.000 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55

Tgt Ion	Resp	Lower	Upper
112	2538958		
112	100		
64	56.5	44.3	66.5
63	29.2	23.0	34.6

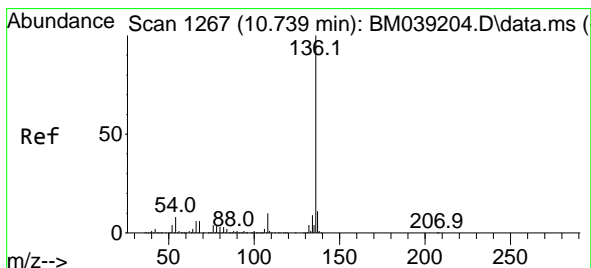
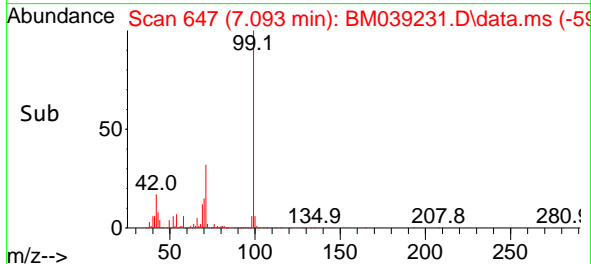
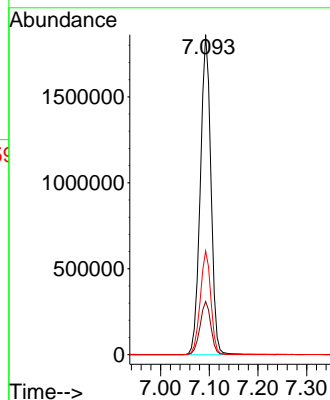
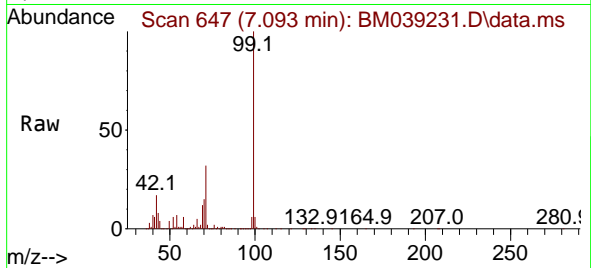




#7  
 Phenol-d6  
 Concen: 122.405 ng  
 RT: 7.093 min Scan# 64  
 Delta R.T. -0.006 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55

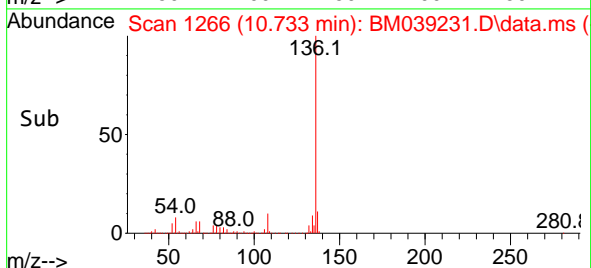
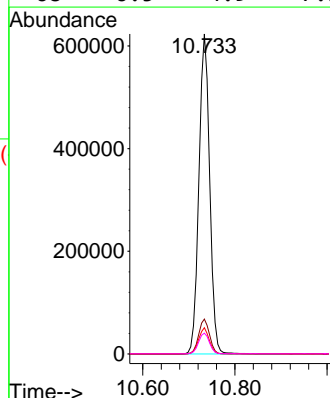
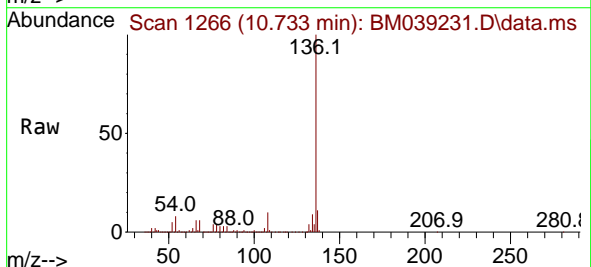
Instrument :  
 BNA\_M  
 ClientSampleId :  
 WV-SOIL3-0327

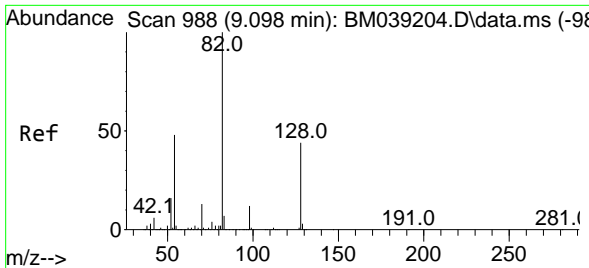
Tgt Ion: 99 Resp: 2823047  
 Ion Ratio Lower Upper  
 99 100  
 42 16.6 13.0 19.6  
 71 32.4 25.5 38.3



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.733 min Scan# 1266  
 Delta R.T. -0.006 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55

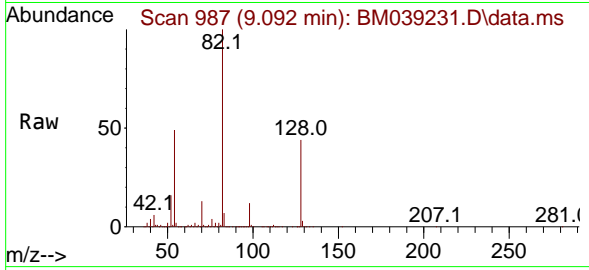
Tgt Ion: 136 Resp: 1011051  
 Ion Ratio Lower Upper  
 136 100  
 137 10.9 8.9 13.3  
 54 8.2 6.2 9.4  
 68 6.5 4.9 7.3





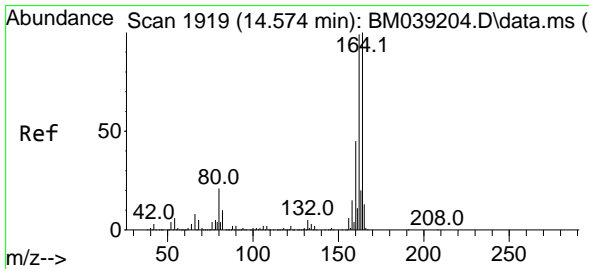
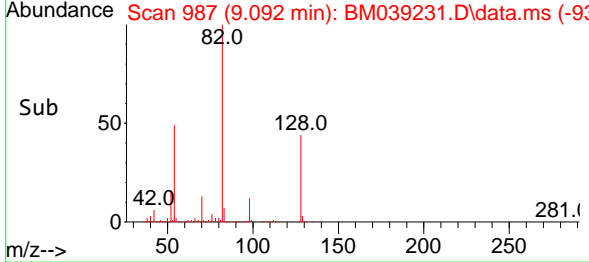
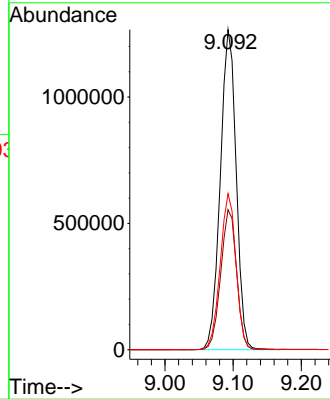
#23  
 Nitrobenzene-d5  
 Concen: 98.626 ng  
 RT: 9.092 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WV-SOIL3-0327

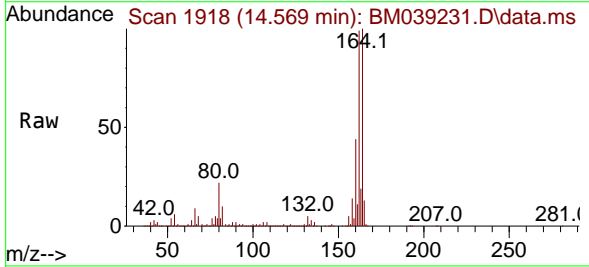


Tgt Ion: 82 Resp: 2051665

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.1	52.7
54	48.7	38.5	57.7

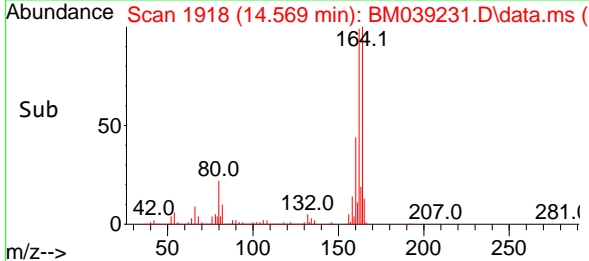
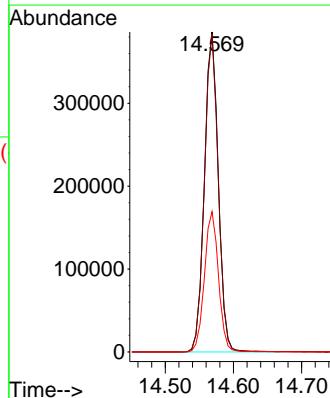


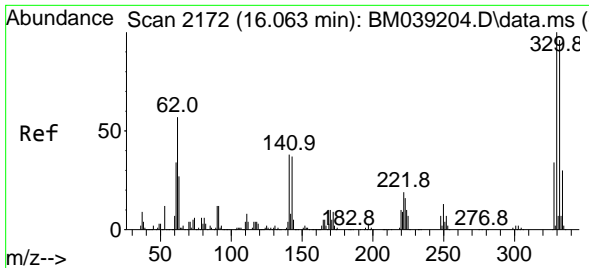
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.569 min Scan# 1918  
 Delta R.T. -0.005 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55



Tgt Ion: 164 Resp: 546294

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.1	118.7
160	43.9	35.8	53.8



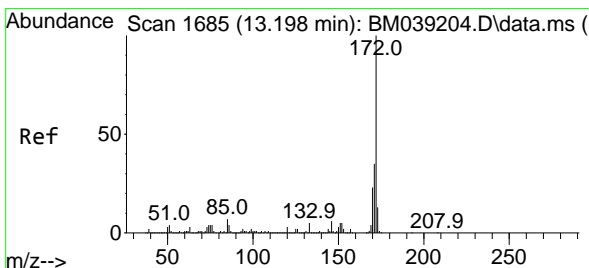
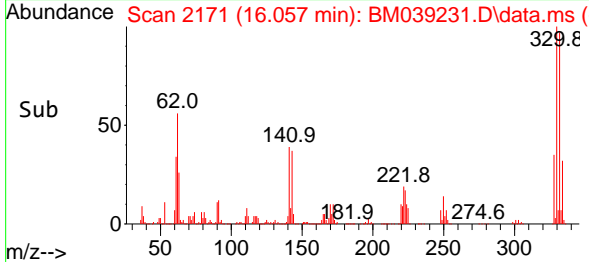
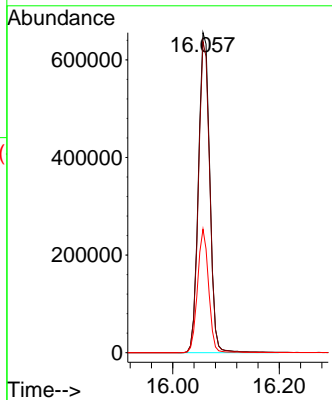
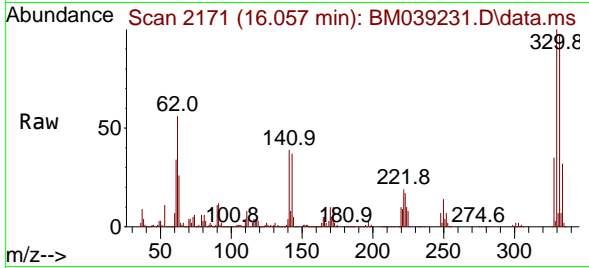


#42  
 2,4,6-Tribromophenol  
 Concen: 140.025 ng  
 RT: 16.057 min Scan# 2171  
 Delta R.T. -0.006 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55

Instrument : BNA\_M  
 ClientSampleId : WV-SOIL3-0327

Tgt Ion:330 Resp: 971027

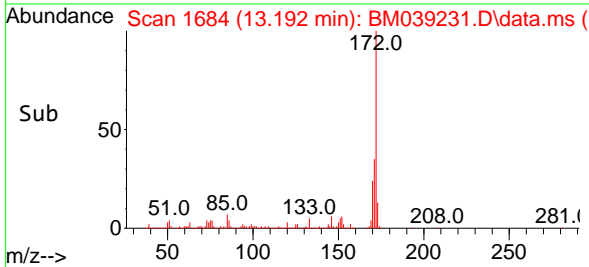
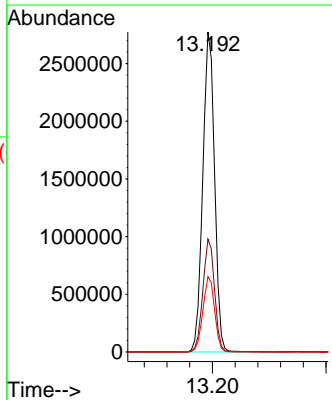
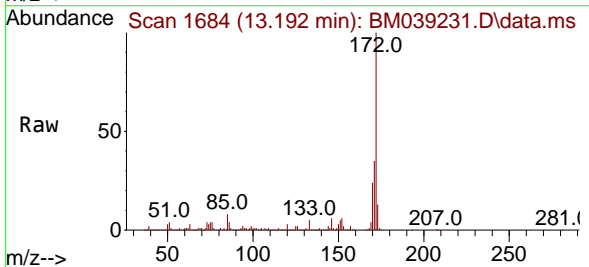
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	37.6	29.8	44.6

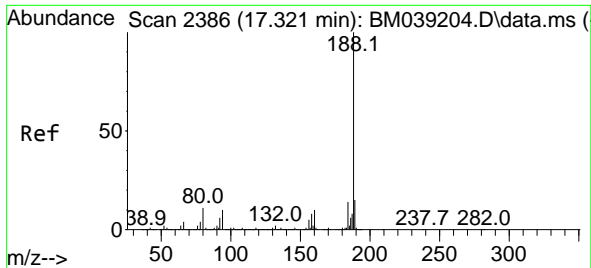


#45  
 2-Fluorobiphenyl  
 Concen: 98.804 ng  
 RT: 13.192 min Scan# 1684  
 Delta R.T. -0.006 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55

Tgt Ion:172 Resp: 3983717

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.0	42.0
170	23.6	18.7	28.1



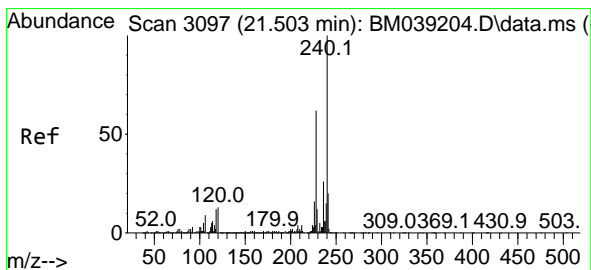
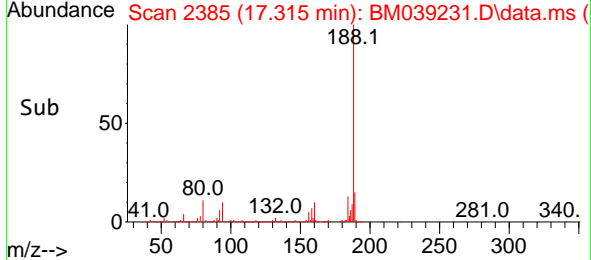
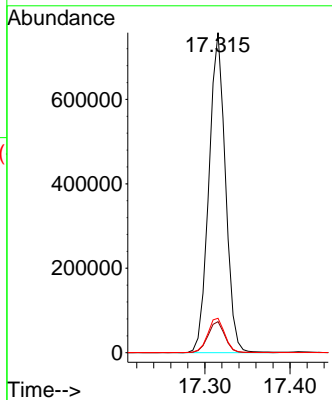
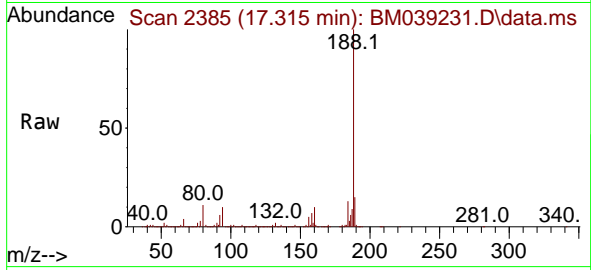


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.315 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55

Instrument : BNA\_M  
 ClientSampleId : WV-SOIL3-0327

Tgt Ion:188 Resp: 1021549

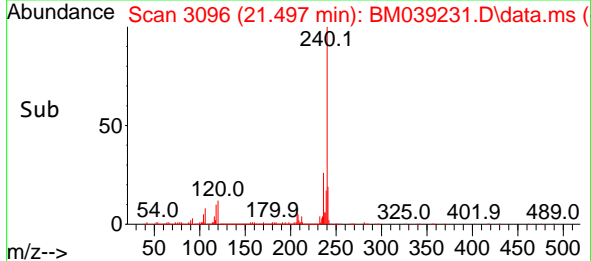
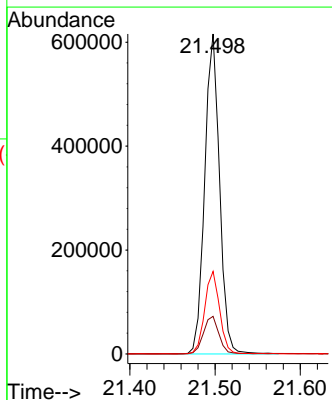
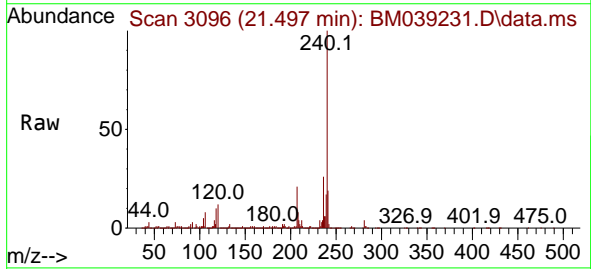
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	10.8	8.9	13.3

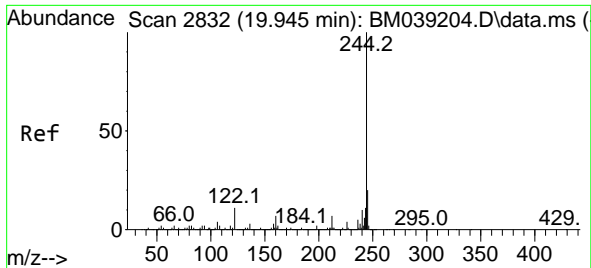


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.497 min Scan# 3096  
 Delta R.T. -0.006 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55

Tgt Ion:240 Resp: 744521

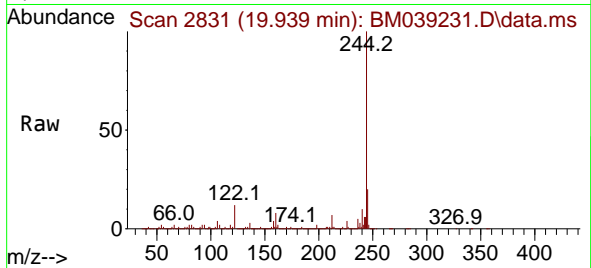
Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.2	15.2
236	25.8	20.9	31.3



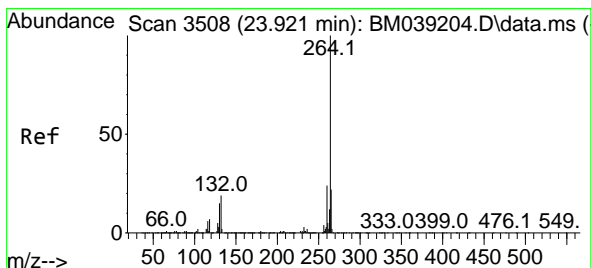
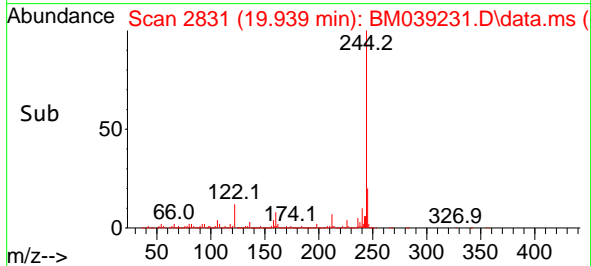
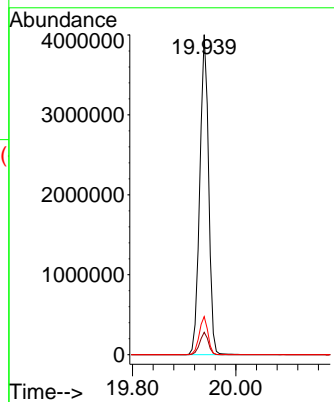


#79  
 Terphenyl-d14  
 Concen: 117.310 ng  
 RT: 19.939 min Scan# 2831  
 Delta R.T. -0.006 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WV-SOIL3-0327



Tgt Ion:244 Resp: 4727307  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.6 8.4  
 122 11.9 9.1 13.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.909 min Scan# 3506  
 Delta R.T. -0.012 min  
 Lab File: BM039231.D  
 Acq: 30 Mar 2023 17:55

Tgt Ion:264 Resp: 876787  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.0 28.6  
 265 22.7 18.1 27.1

