

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039230.D
 Acq On : 30 Mar 2023 17:19
 Operator : CG/JU
 Sample : 02105-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-SOIL2-0327

Quant Time: Mar 31 02:39:23 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	242154	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	919851	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	494935	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	982666	20.000	ng	0.00
76) Chrysene-d12	21.497	240	923387	20.000	ng	0.00
86) Perylene-d12	23.909	264	1089044	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2322525	144.500	ng	0.00
7) Phenol-d6	7.092	99	2566105	123.436	ng	0.00
23) Nitrobenzene-d5	9.092	82	1891973	99.967	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	920753	146.553	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3664557	100.319	ng	0.00
79) Terphenyl-d14	19.939	244	5073957	101.522	ng	0.00

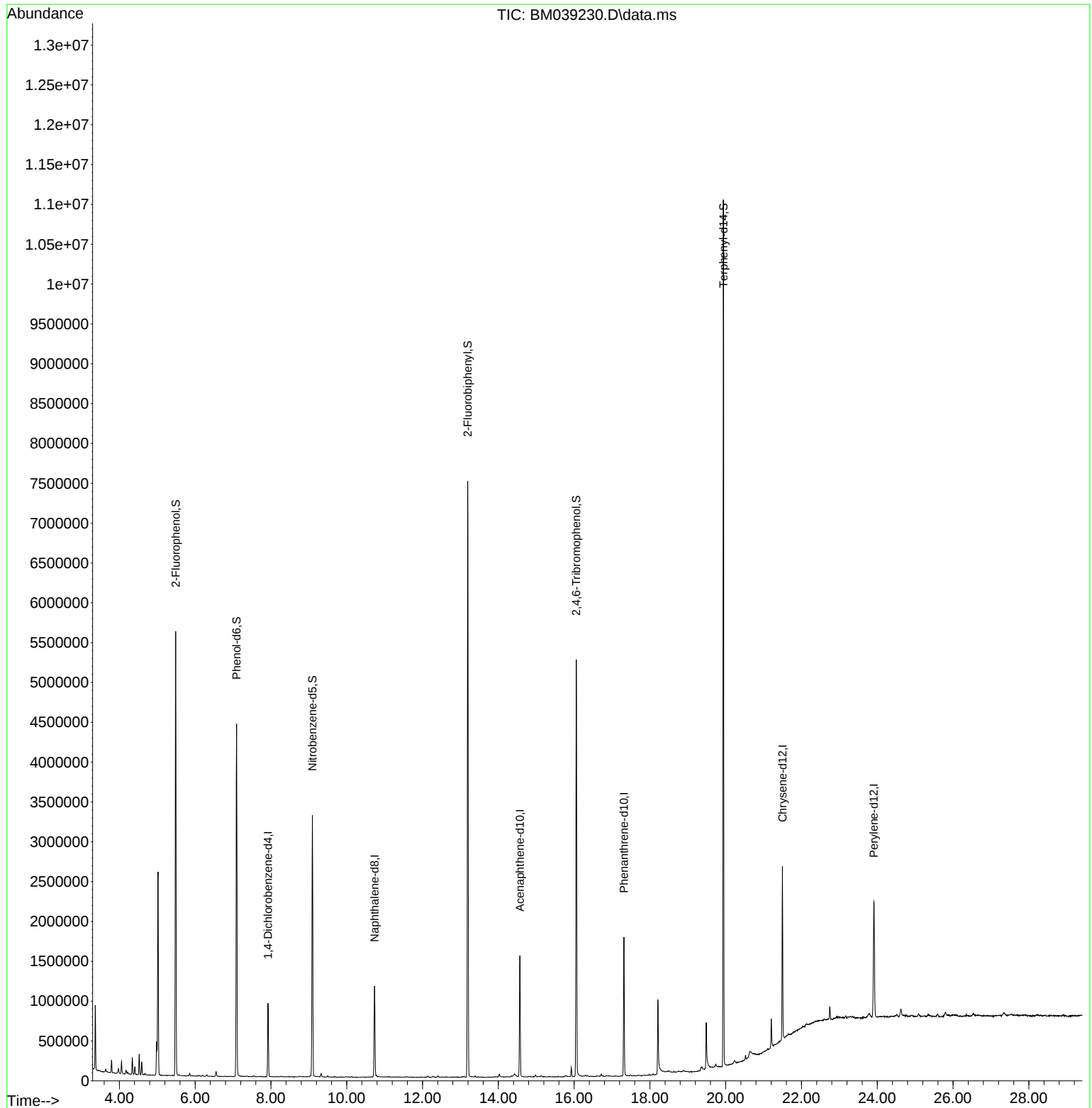
Target Compounds Qvalue

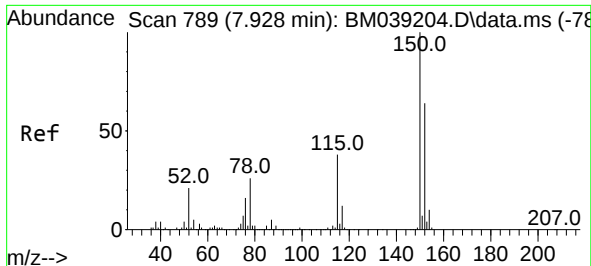
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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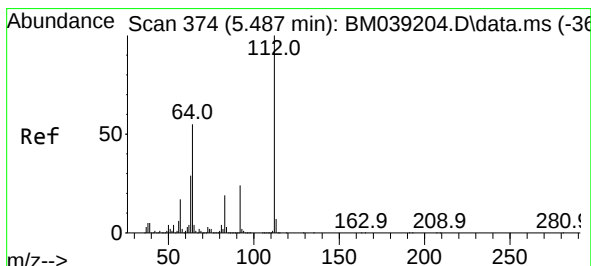
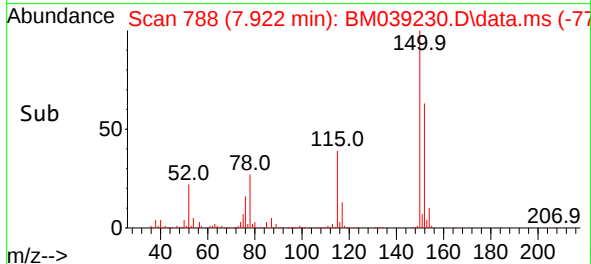
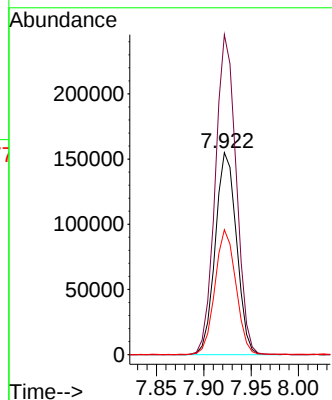
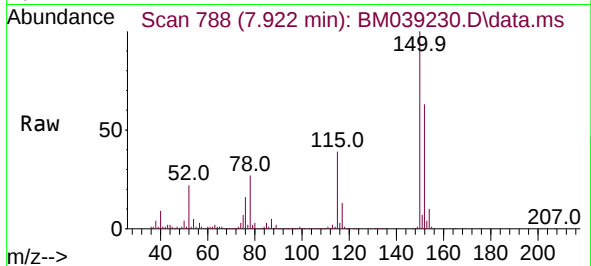




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM039230.D
Acq: 30 Mar 2023 17:19

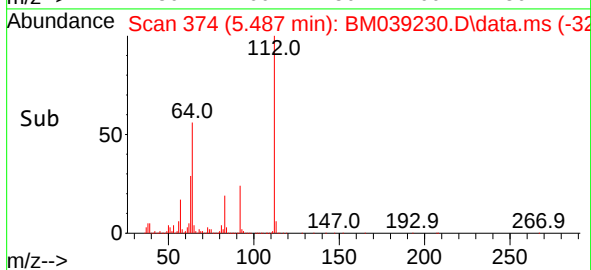
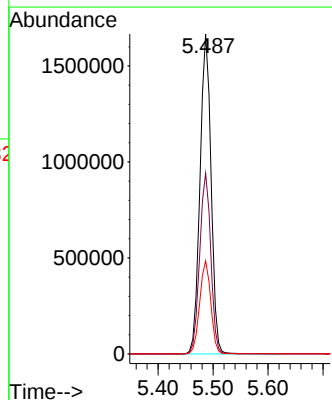
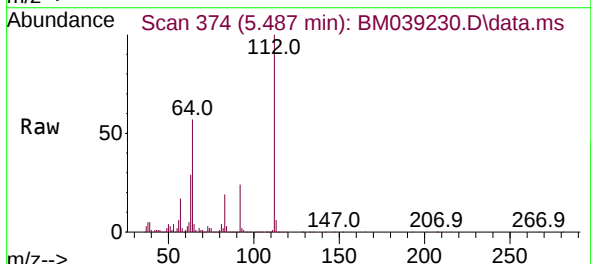
Instrument :
BNA_M
ClientSampleId :
WV-SOIL2-0327

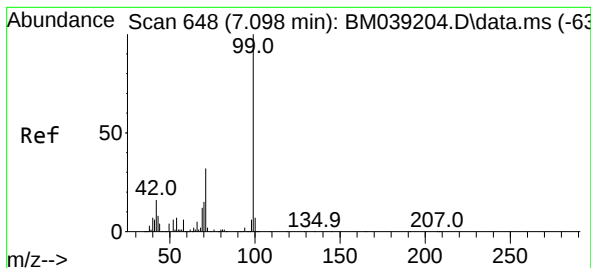
Tgt Ion:152 Resp: 242154
Ion Ratio Lower Upper
152 100
150 158.4 125.5 188.3
115 61.8 48.1 72.1



#5
2-Fluorophenol
Concen: 144.500 ng
RT: 5.487 min Scan# 374
Delta R.T. -0.000 min
Lab File: BM039230.D
Acq: 30 Mar 2023 17:19

Tgt Ion:112 Resp: 2322525
Ion Ratio Lower Upper
112 100
64 56.5 44.3 66.5
63 29.1 23.0 34.6





#7

Phenol-d6

Concen: 123.436 ng

RT: 7.092 min Scan# 64

Delta R.T. -0.006 min

Lab File: BM039230.D

Acq: 30 Mar 2023 17:19

Instrument :

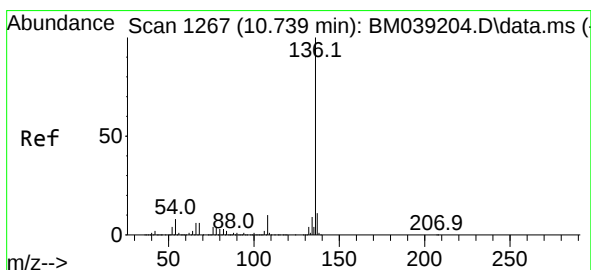
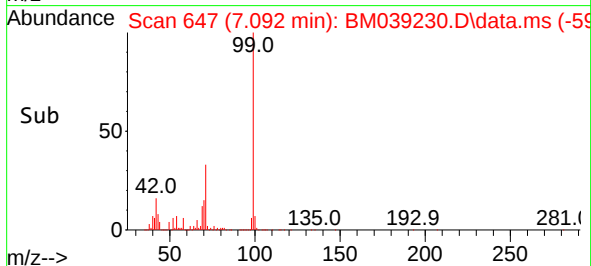
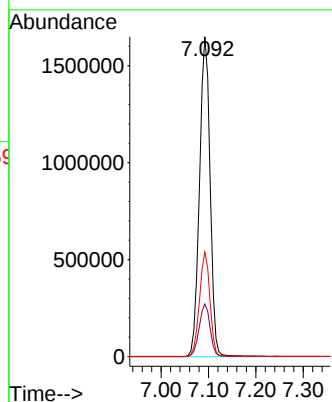
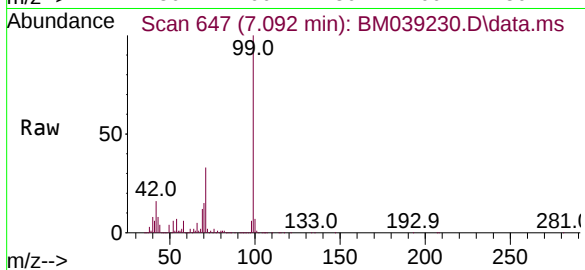
BNA_M

ClientSampleId :

WV-SOIL2-0327

Tgt Ion: 99 Resp: 2566105

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.0	19.6
71	32.6	25.5	38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.733 min Scan# 1266

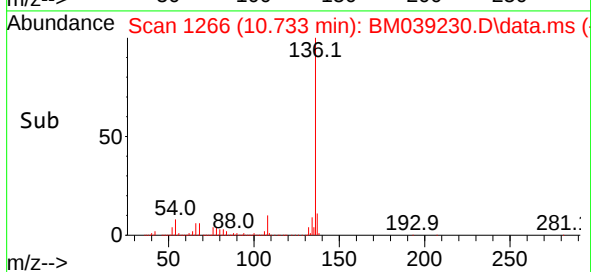
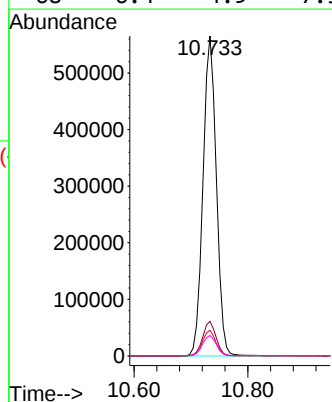
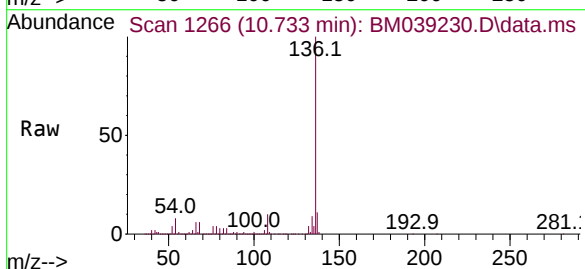
Delta R.T. -0.006 min

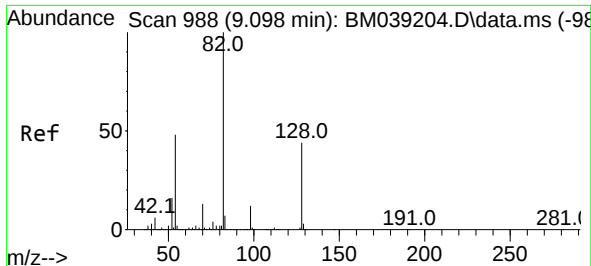
Lab File: BM039230.D

Acq: 30 Mar 2023 17:19

Tgt Ion: 136 Resp: 919851

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.2	9.4
68	6.4	4.9	7.3

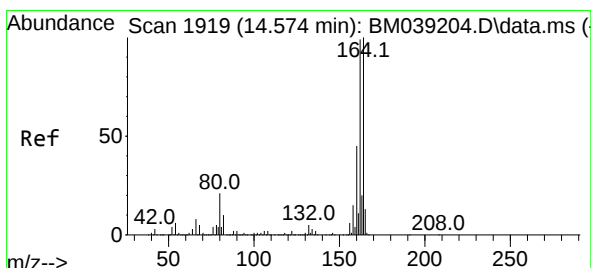
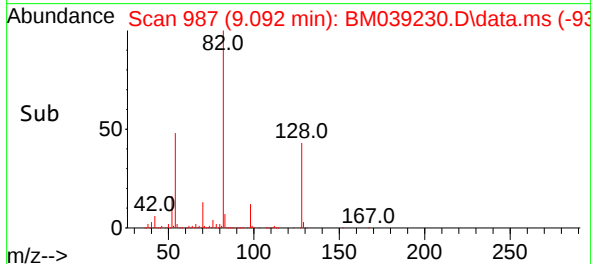
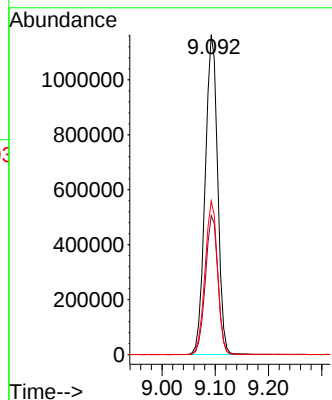
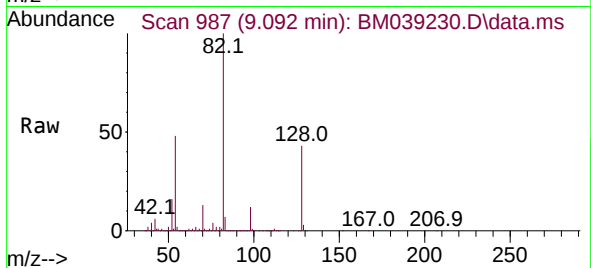




#23
Nitrobenzene-d5
Concen: 99.967 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.006 min
Lab File: BM039230.D
Acq: 30 Mar 2023 17:19

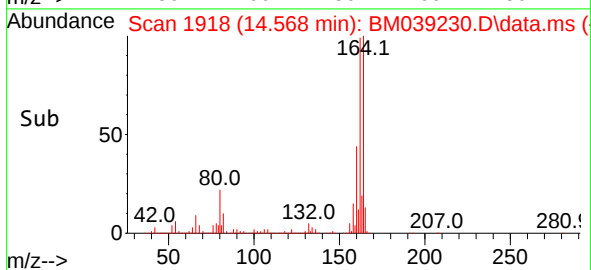
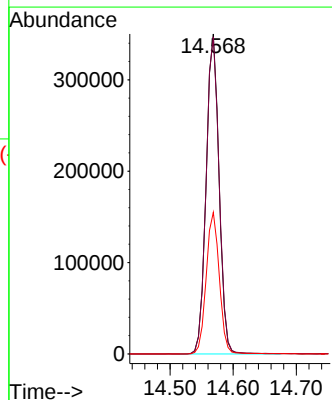
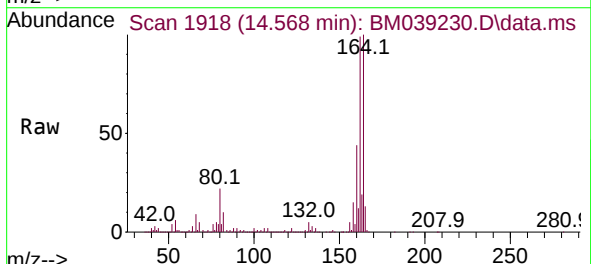
Instrument :
BNA_M
ClientSampleId :
WV-SOIL2-0327

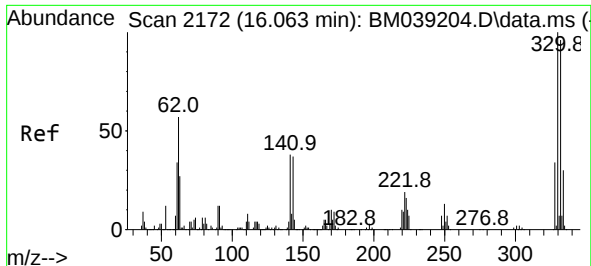
Tgt Ion: 82 Resp: 1891973
Ion Ratio Lower Upper
82 100
128 43.4 35.1 52.7
54 48.0 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM039230.D
Acq: 30 Mar 2023 17:19

Tgt Ion:164 Resp: 494935
Ion Ratio Lower Upper
164 100
162 99.1 79.1 118.7
160 44.2 35.8 53.8

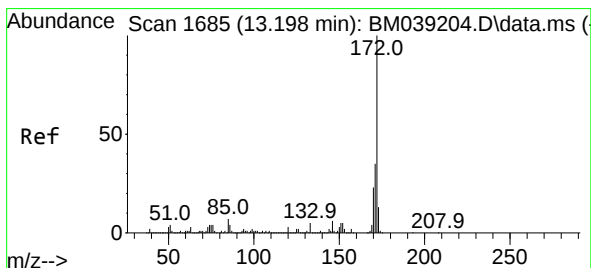
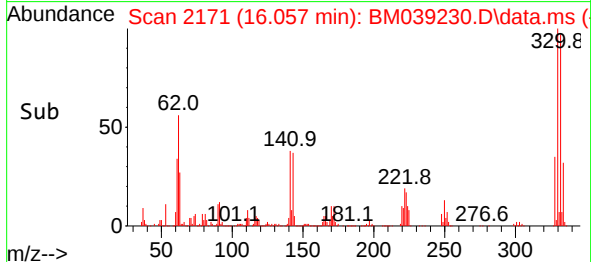
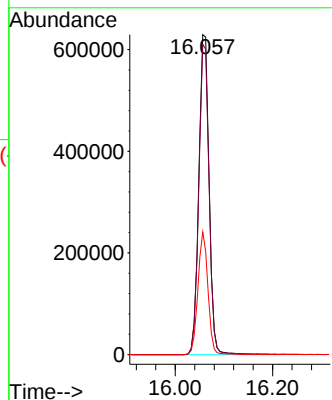
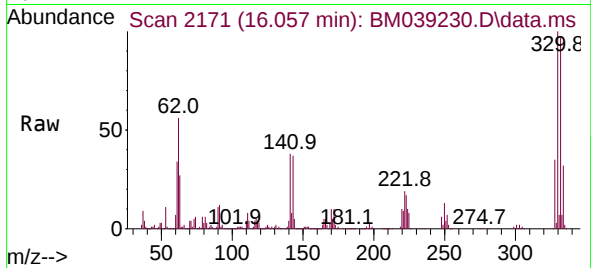




#42
2,4,6-Tribromophenol
Concen: 146.553 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM039230.D
Acq: 30 Mar 2023 17:19

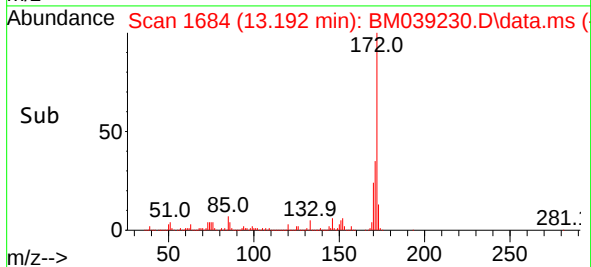
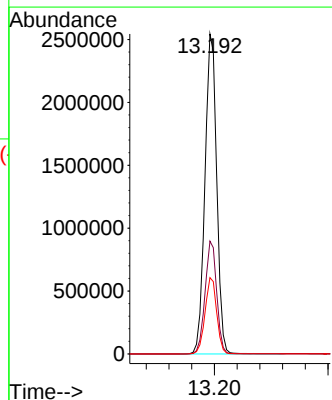
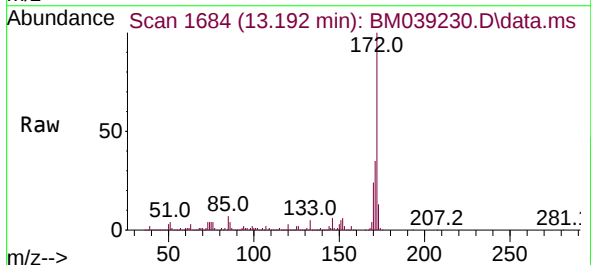
Instrument :
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ClientSampleId :
WV-SOIL2-0327

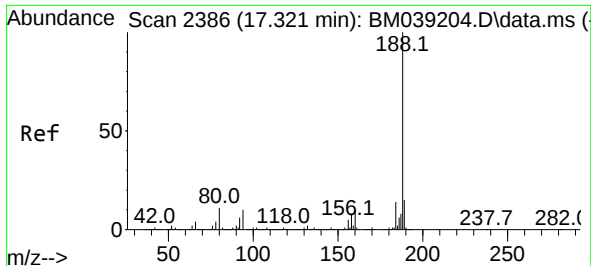
Tgt Ion:330 Resp: 920753
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 37.0 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 100.319 ng
RT: 13.192 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM039230.D
Acq: 30 Mar 2023 17:19

Tgt Ion:172 Resp: 3664557
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.8 18.7 28.1

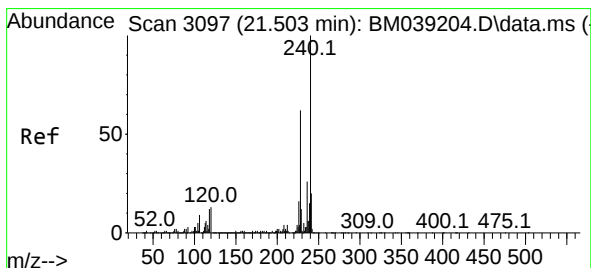
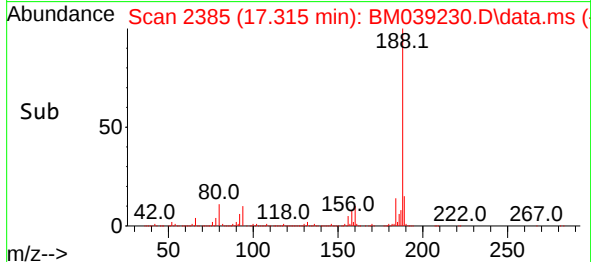
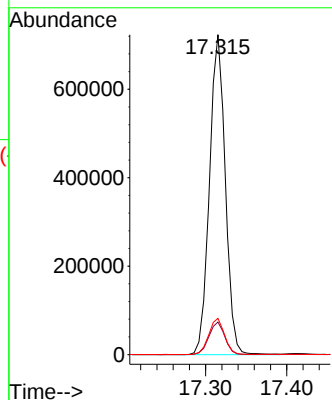
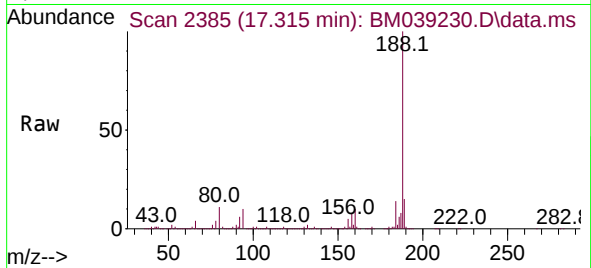




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BM039230.D
Acq: 30 Mar 2023 17:19

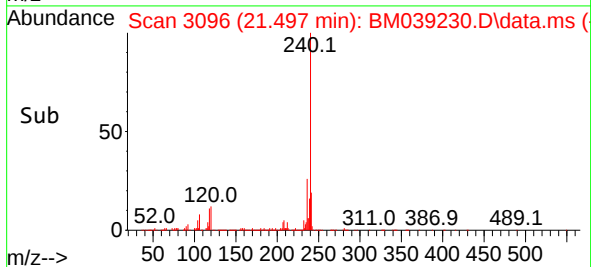
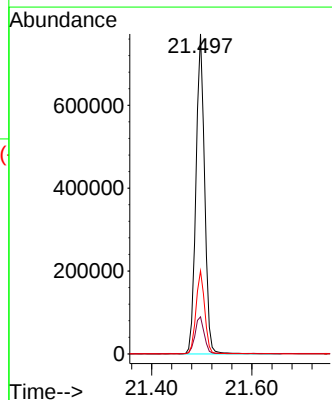
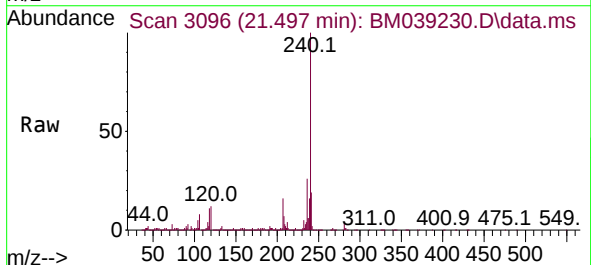
Instrument :
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WV-SOIL2-0327

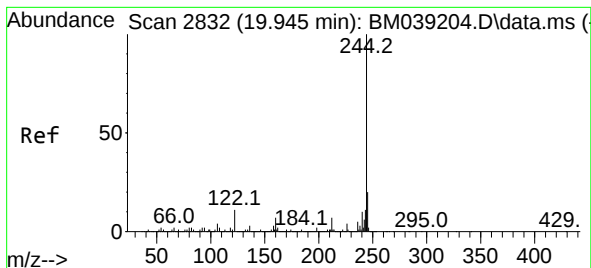
Tgt Ion:188 Resp: 982666
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.4
80 11.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM039230.D
Acq: 30 Mar 2023 17:19

Tgt Ion:240 Resp: 923387
Ion Ratio Lower Upper
240 100
120 11.6 10.2 15.2
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 101.522 ng

RT: 19.939 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BM039230.D

Acq: 30 Mar 2023 17:19

Instrument :

BNA_M

ClientSampleId :

WV-SOIL2-0327

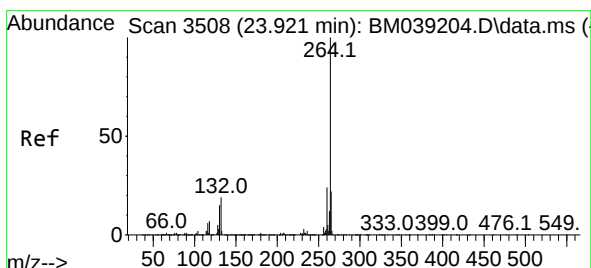
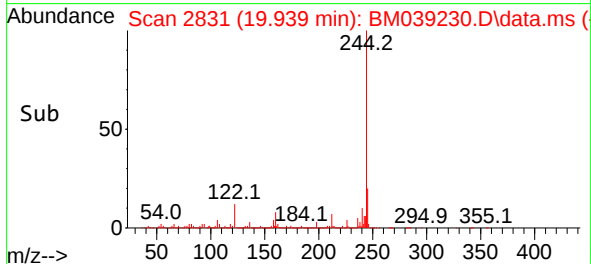
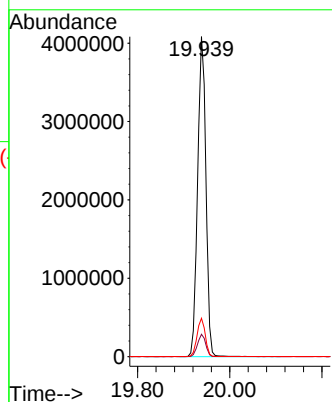
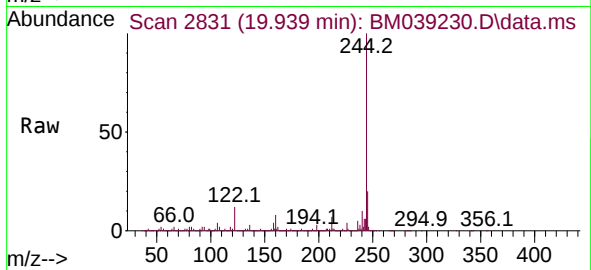
Tgt Ion:244 Resp: 5073957

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 12.0 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: BM039230.D

Acq: 30 Mar 2023 17:19

Tgt Ion:264 Resp: 1089044

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.5 18.1 27.1

