

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

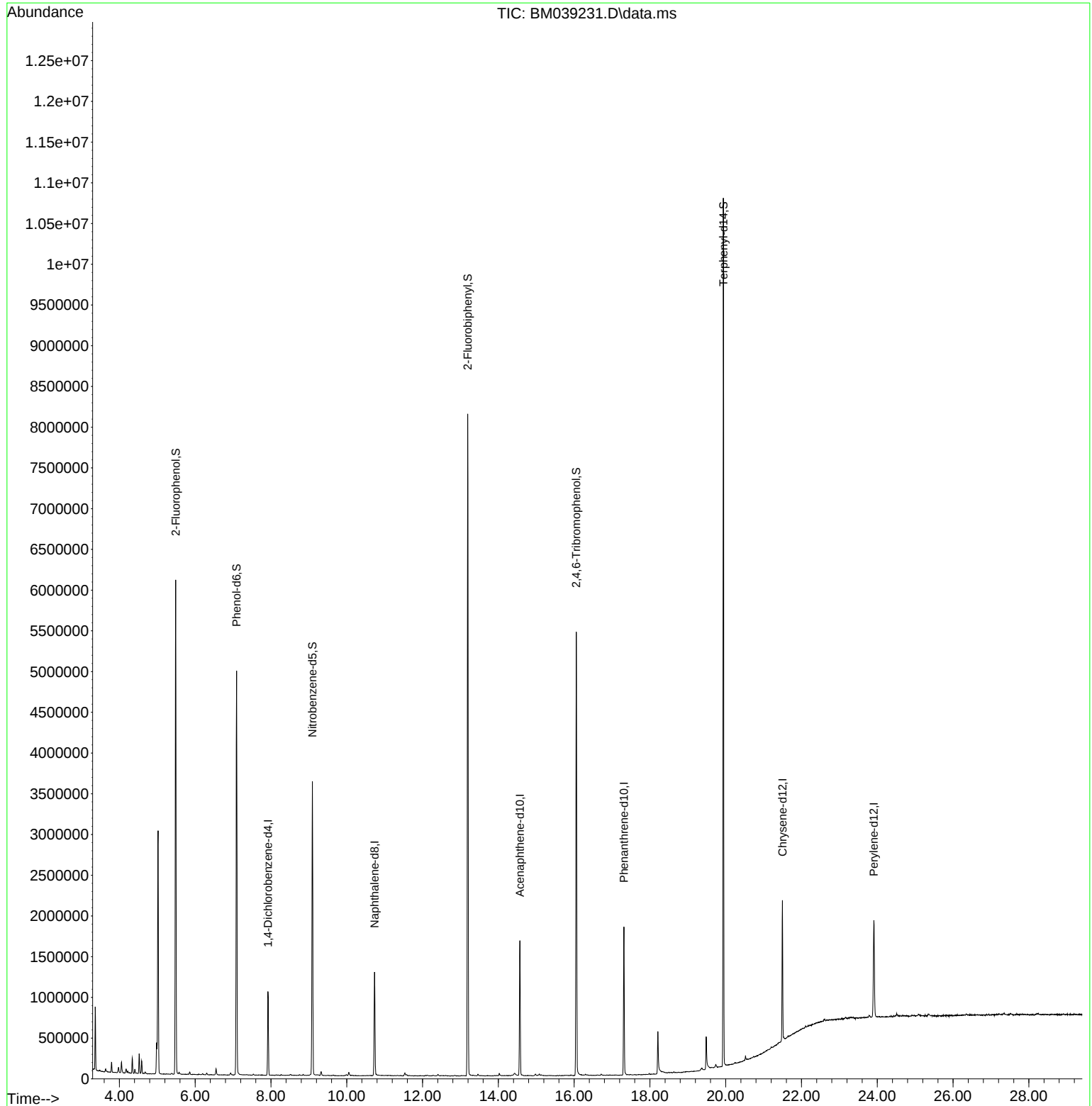
Target Compounds	Qvalue

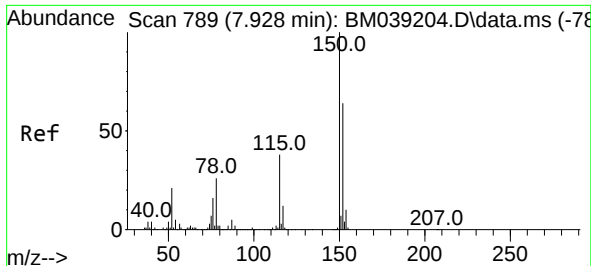
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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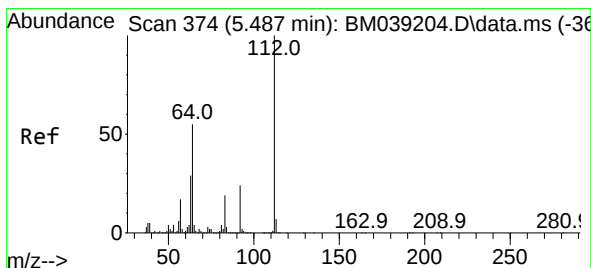
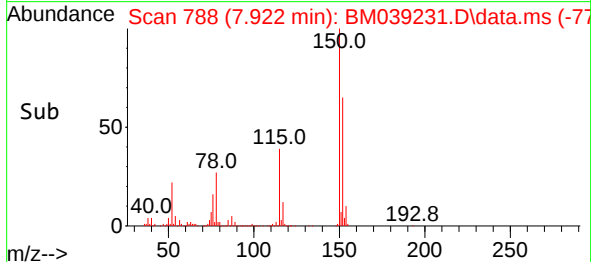
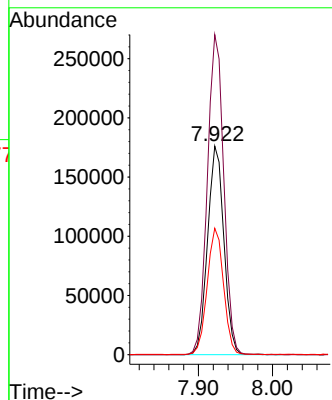
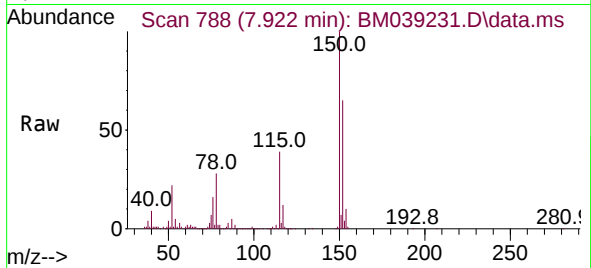




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: BM039231.D
 Acq: 30 Mar 2023 17:55

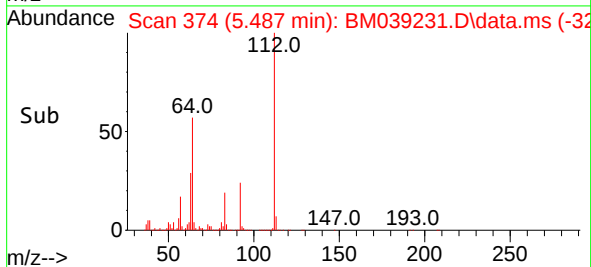
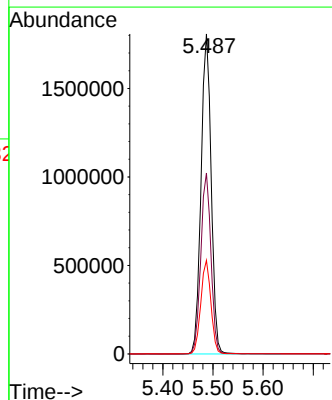
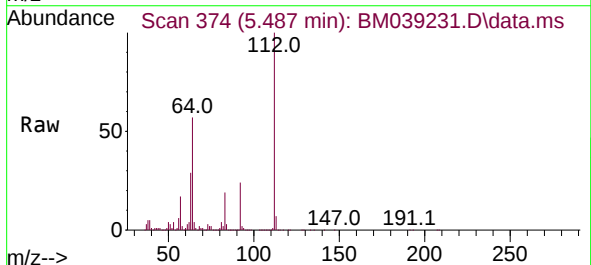
Instrument :
 BNA_M
 ClientSampleId :
 WV-SOIL3-0327

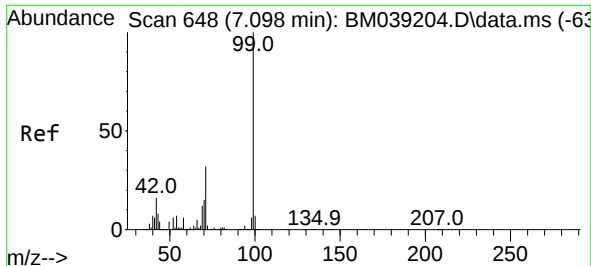
Tgt Ion:152 Resp: 268645
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.5 188.3
 115 60.6 48.1 72.1



#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:112 Resp: 2538958
 Ion Ratio Lower Upper
 112 100
 64 56.5 44.3 66.5
 63 29.2 23.0 34.6

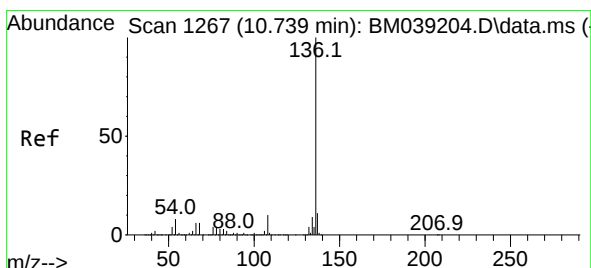
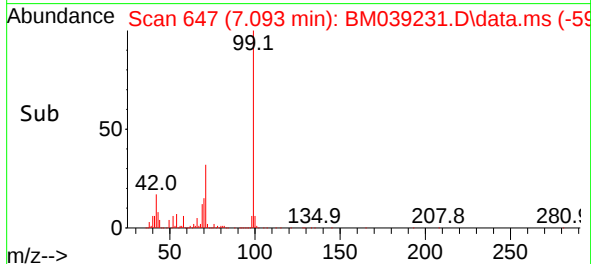
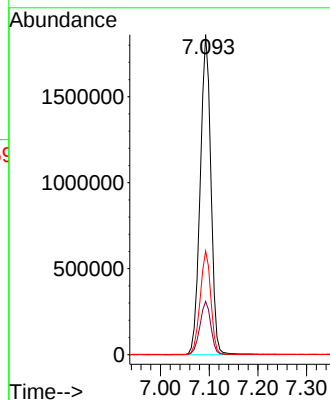
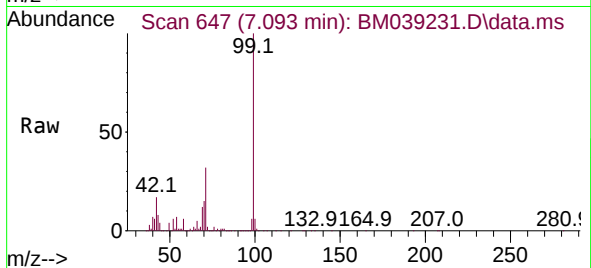




#7
Phenol-d6
Concen: 122.405 ng
RT: 7.093 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039231.D
Acq: 30 Mar 2023 17:55

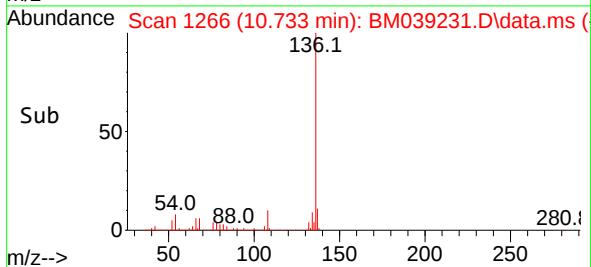
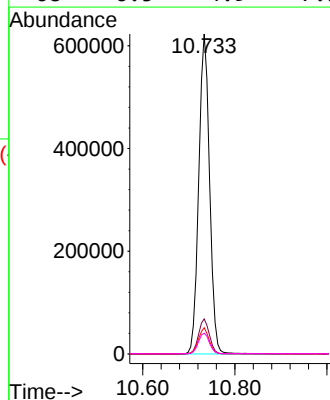
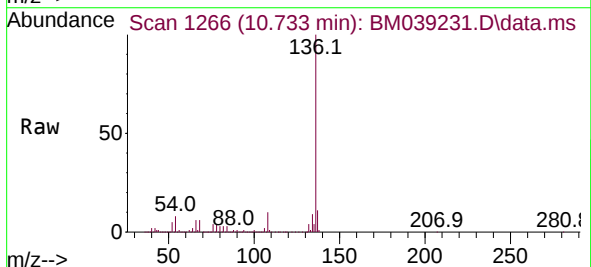
Instrument :
BNA_M
ClientSampleId :
WV-SOIL3-0327

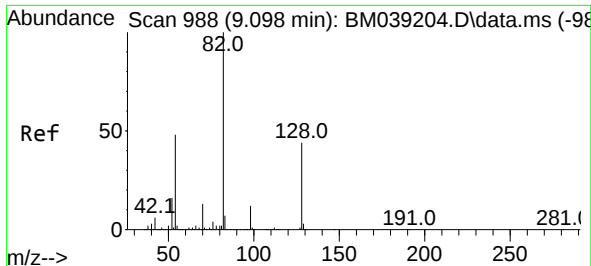
Tgt Ion: 99 Resp: 2823047
Ion Ratio Lower Upper
99 100
42 16.6 13.0 19.6
71 32.4 25.5 38.3



#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

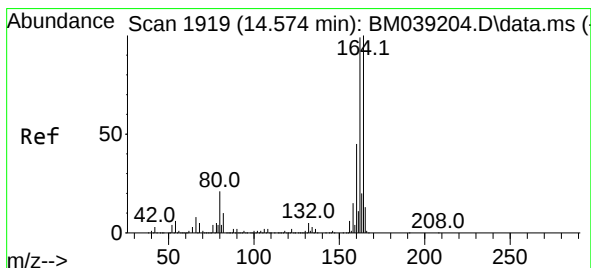
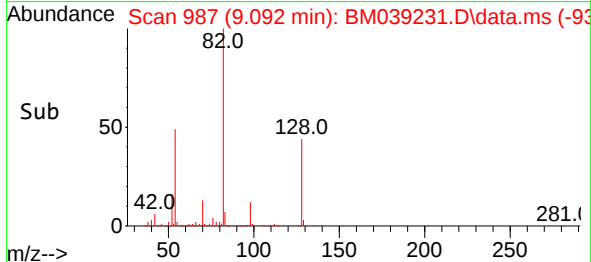
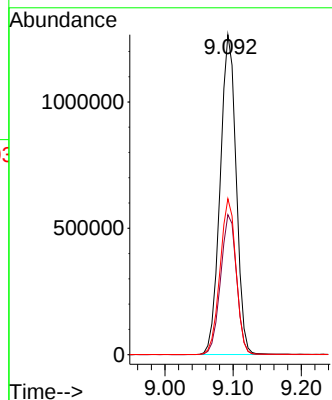
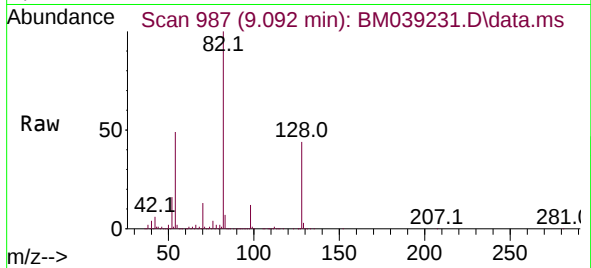




#23
Nitrobenzene-d5
Concen: 98.626 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.006 min
Lab File: BM039231.D
Acq: 30 Mar 2023 17:55

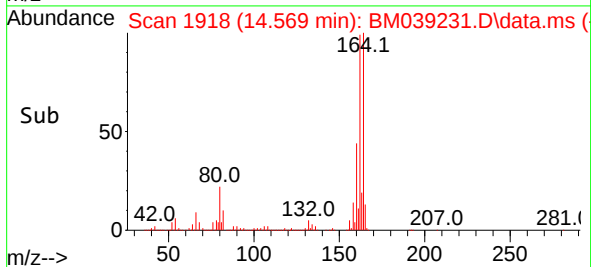
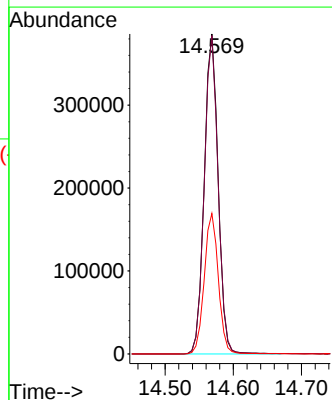
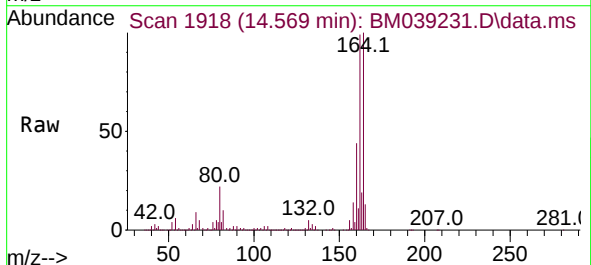
Instrument :
BNA_M
ClientSampleId :
WV-SOIL3-0327

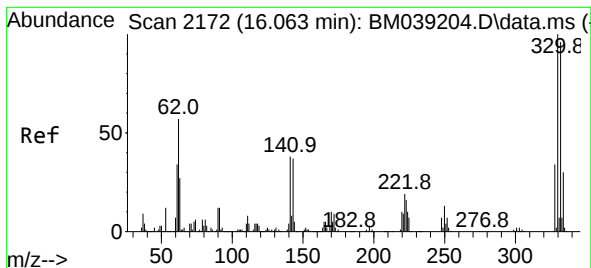
Tgt Ion: 82 Resp: 2051665
Ion Ratio Lower Upper
82 100
128 43.7 35.1 52.7
54 48.7 38.5 57.7



#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

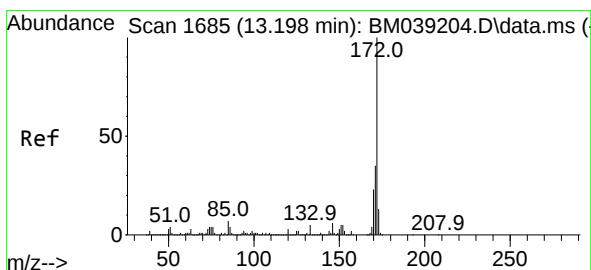
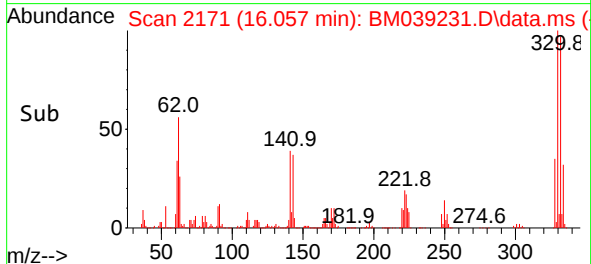
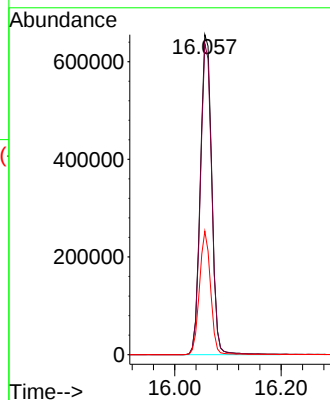
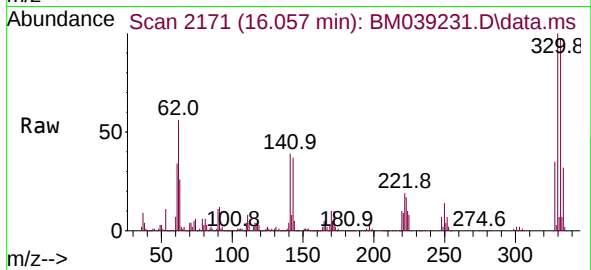




#42
2,4,6-Tribromophenol
Concen: 140.025 ng
RT: 16.057 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM039231.D
Acq: 30 Mar 2023 17:55

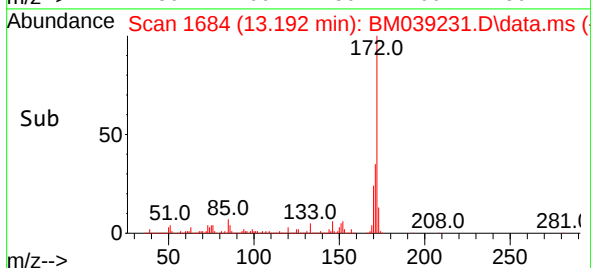
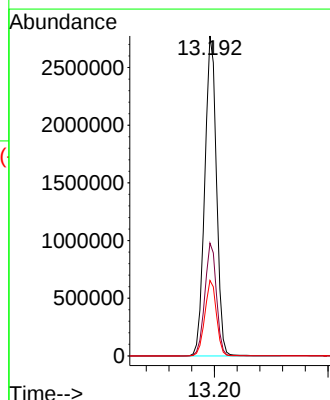
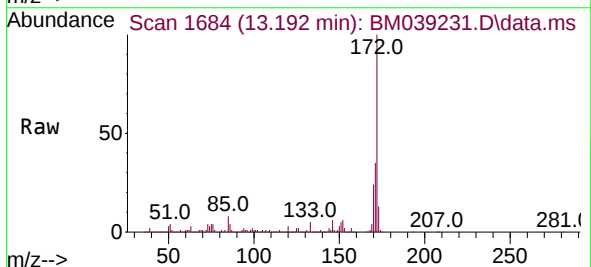
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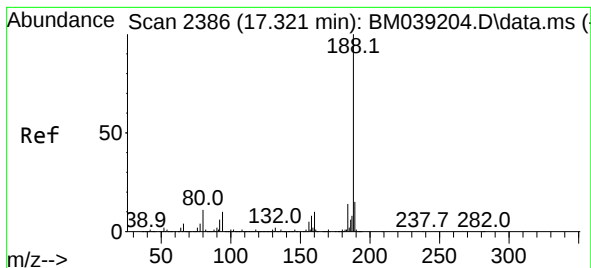
Tgt Ion:330 Resp: 971027
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 37.6 29.8 44.6



#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# 2385

Delta R.T. -0.006 min

Lab File: BM039231.D

Acq: 30 Mar 2023 17:55

Instrument :

BNA_M

ClientSampleId :

WV-SOIL3-0327

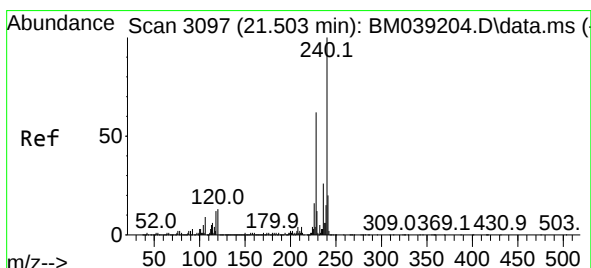
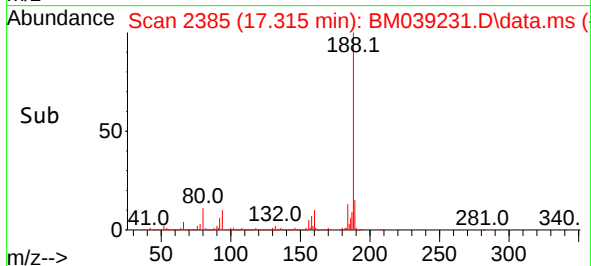
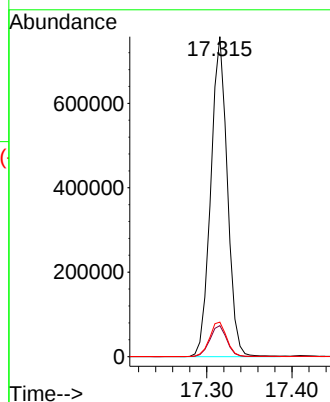
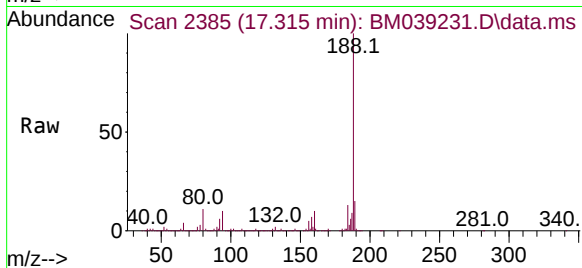
Tgt Ion:188 Resp: 1021549

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

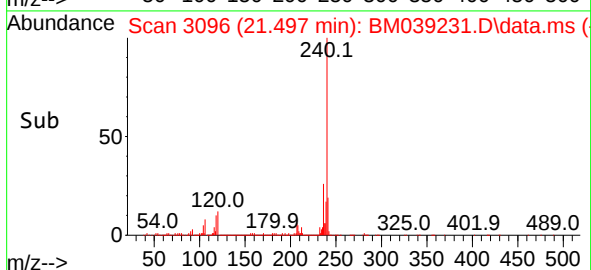
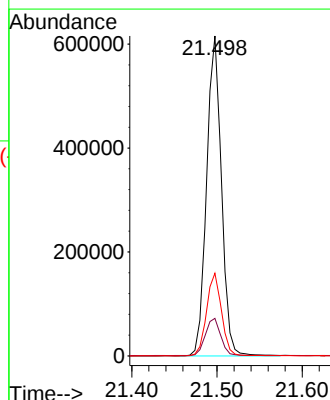
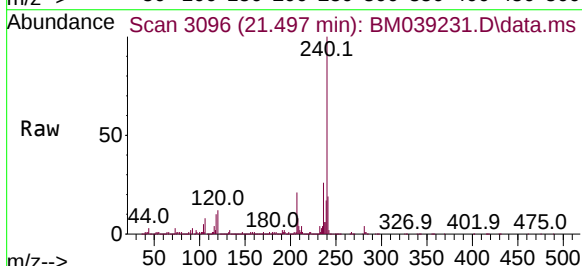
Tgt Ion:240 Resp: 744521

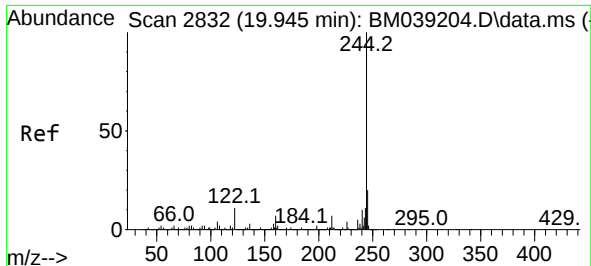
Ion Ratio Lower Upper

240 100

120 11.7 10.2 15.2

236 25.8 20.9 31.3

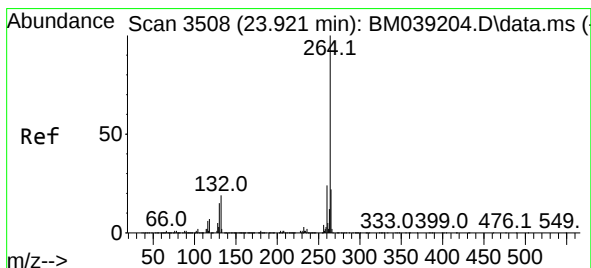
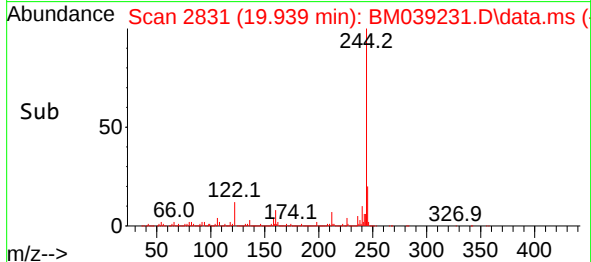
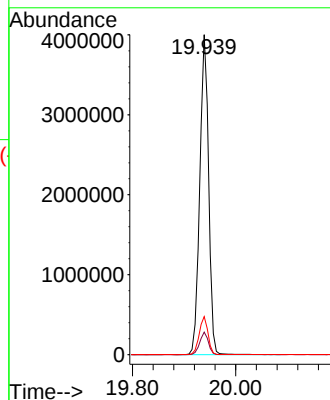
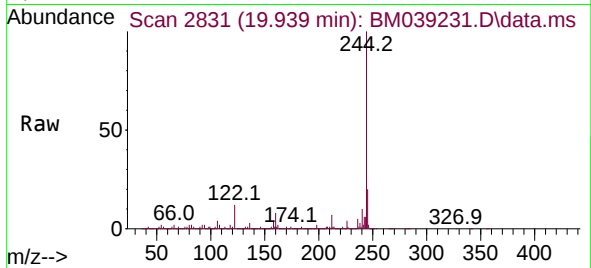




#79
 Terphenyl-d14
 Concen: 117.310 ng
 RT: 19.939 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BM039231.D
 Acq: 30 Mar 2023 17:55

Instrument :
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 ClientSampleId :
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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

