

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039229.D
 Acq On : 30 Mar 2023 16:42
 Operator : CG/JU
 Sample : 02105-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-SOIL1-0327

Quant Time: Mar 31 02:39:03 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	222924	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	852824	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	470817	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	938154	20.000	ng	0.00
76) Chrysene-d12	21.497	240	879972	20.000	ng	0.00
86) Perylene-d12	23.909	264	1018702	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2351477	158.922	ng	0.00
7) Phenol-d6	7.093	99	2645056	138.209	ng	0.00
23) Nitrobenzene-d5	9.092	82	1850219	105.444	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	945882	158.265	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3599712	103.592	ng	0.00
79) Terphenyl-d14	19.939	244	5169739	108.542	ng	0.00

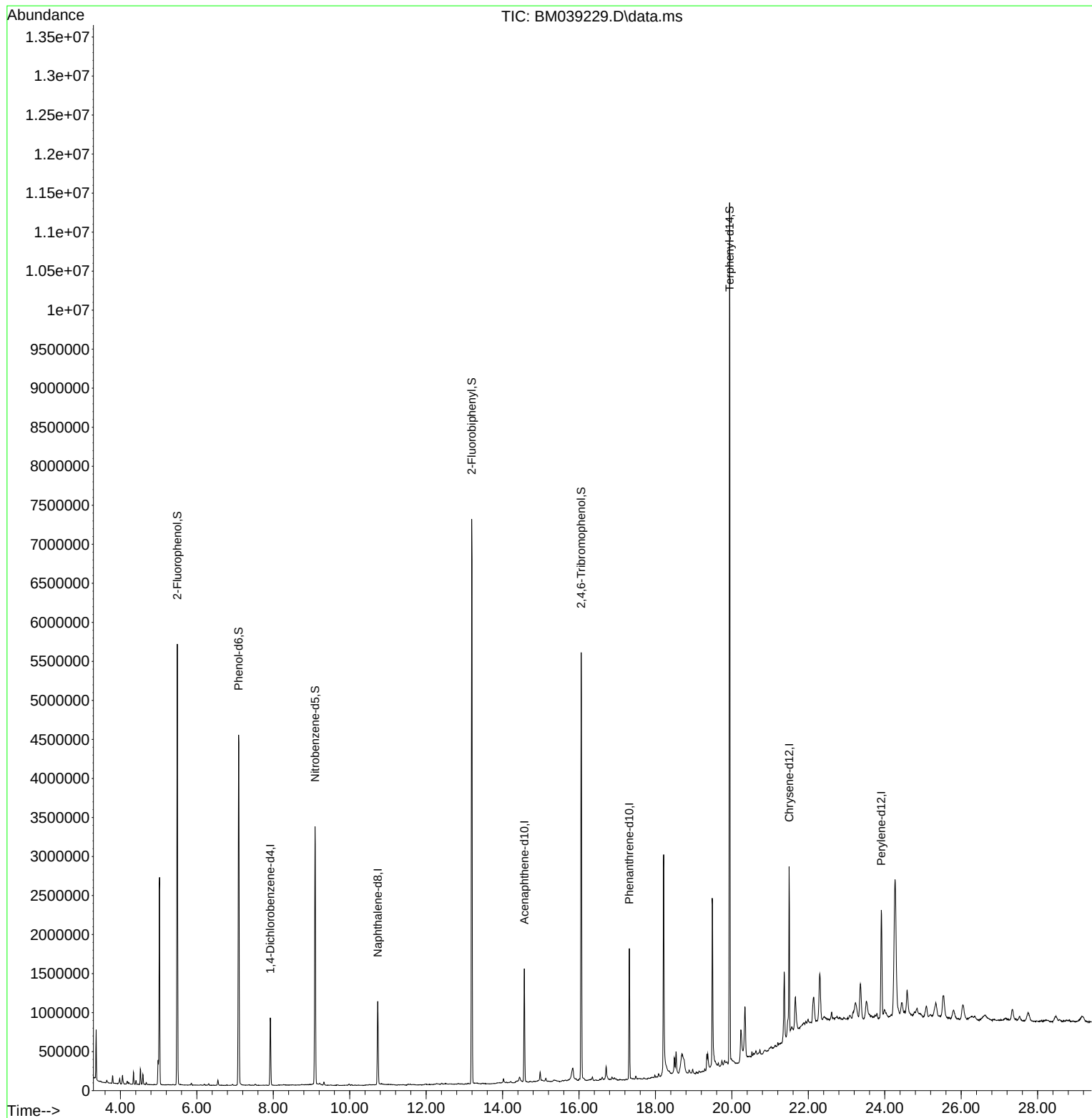
Target Compounds	Qvalue

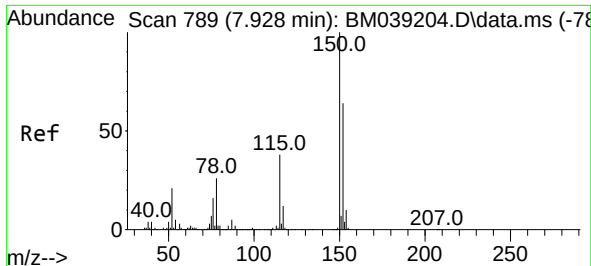
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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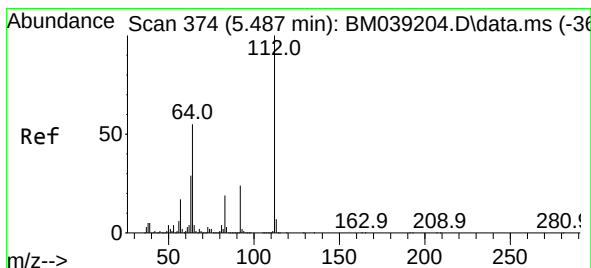
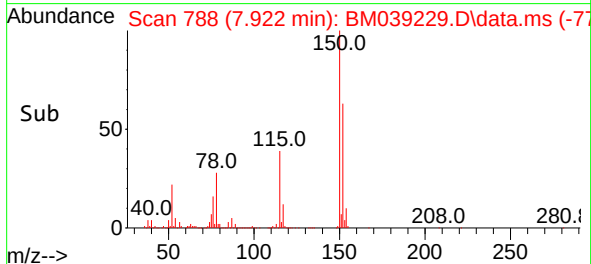
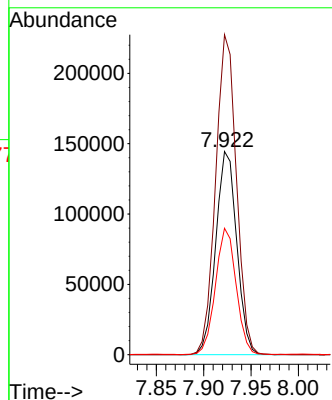
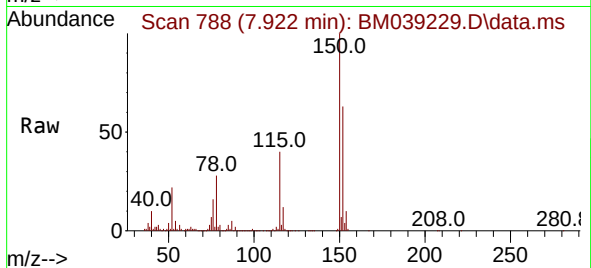




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM039229.D
Acq: 30 Mar 2023 16:42

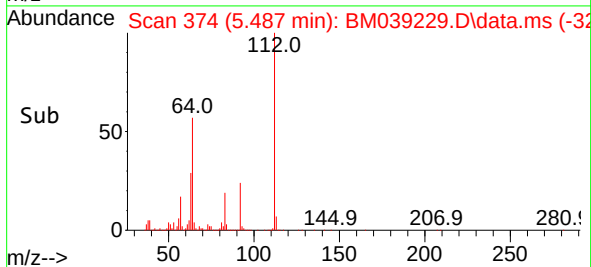
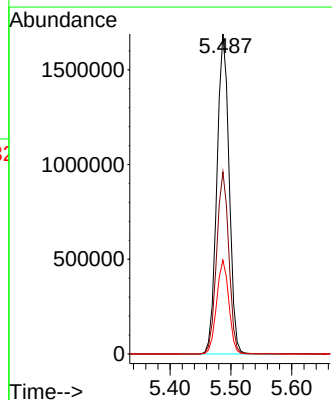
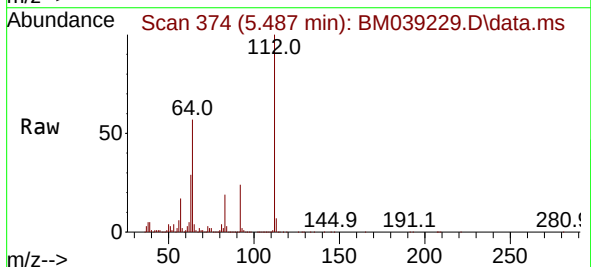
Instrument :
BNA_M
ClientSampleId :
WV-SOIL1-0327

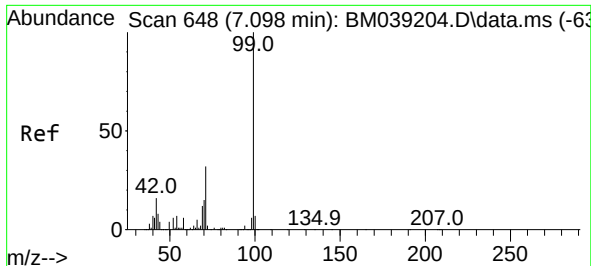
Tgt Ion:152 Resp: 222924
Ion Ratio Lower Upper
152 100
150 157.5 125.5 188.3
115 62.2 48.1 72.1



#5
2-Fluorophenol
Concen: 158.922 ng
RT: 5.487 min Scan# 374
Delta R.T. 0.000 min
Lab File: BM039229.D
Acq: 30 Mar 2023 16:42

Tgt Ion:112 Resp: 2351477
Ion Ratio Lower Upper
112 100
64 56.9 44.3 66.5
63 29.3 23.0 34.6

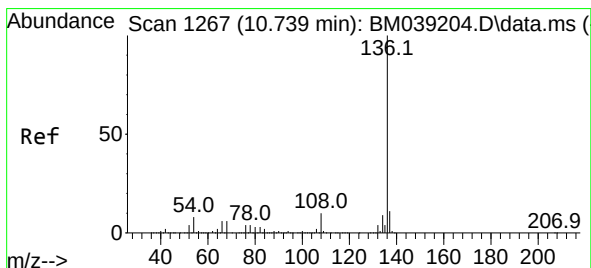
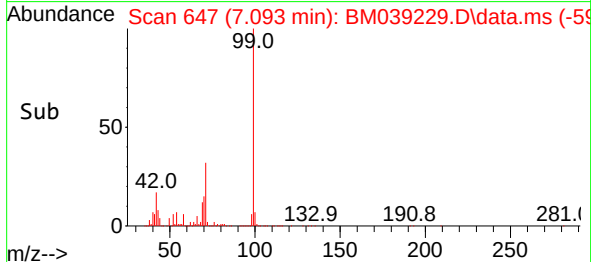
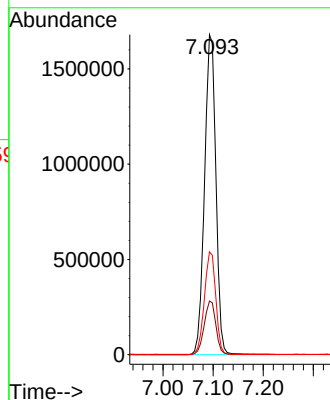
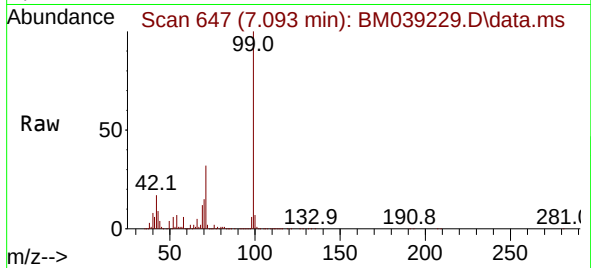




#7
Phenol-d6
Concen: 138.209 ng
RT: 7.093 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039229.D
Acq: 30 Mar 2023 16:42

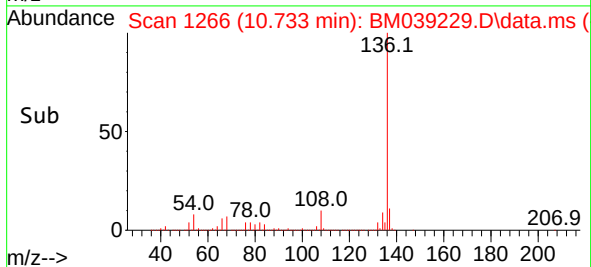
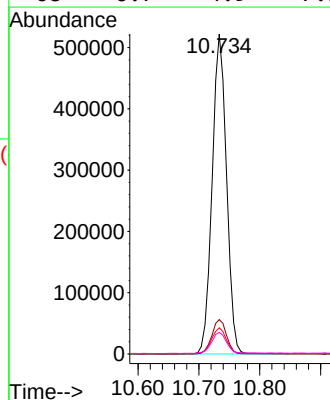
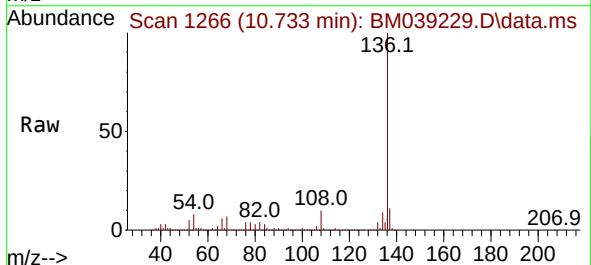
Instrument :
BNA_M
ClientSampleId :
WV-SOIL1-0327

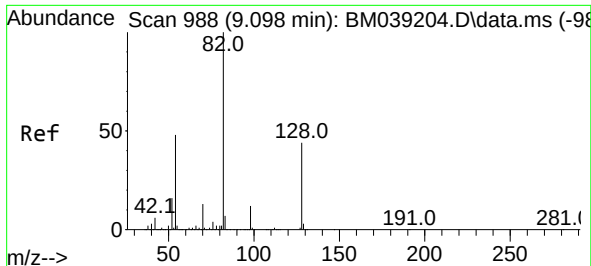
Tgt Ion: 99 Resp: 2645056
Ion Ratio Lower Upper
99 100
42 16.7 13.0 19.6
71 32.1 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM039229.D
Acq: 30 Mar 2023 16:42

Tgt Ion:136 Resp: 852824
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.2 6.2 9.4
68 6.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 105.444 ng

RT: 9.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM039229.D

Acq: 30 Mar 2023 16:42

Instrument :

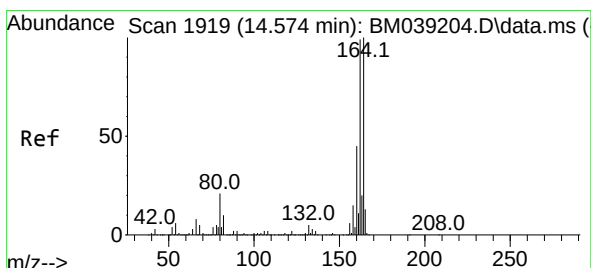
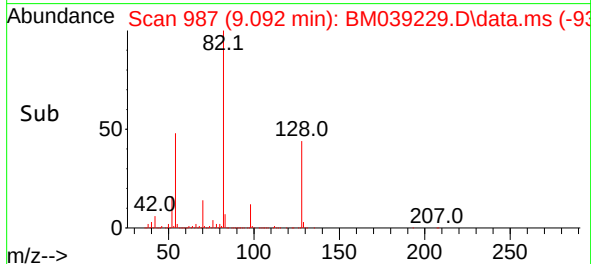
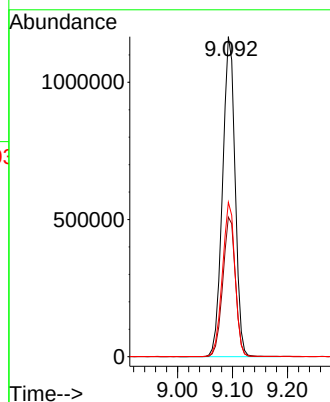
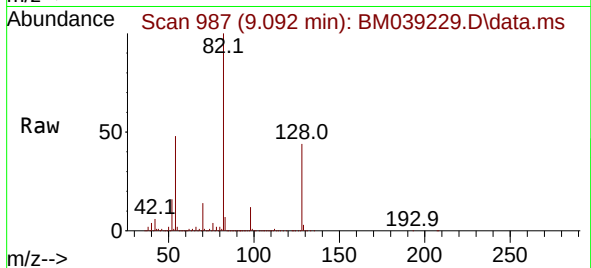
BNA_M

ClientSampleId :

WV-SOIL1-0327

Tgt Ion: 82 Resp: 1850219

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.1	52.7
54	48.3	38.5	57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1918

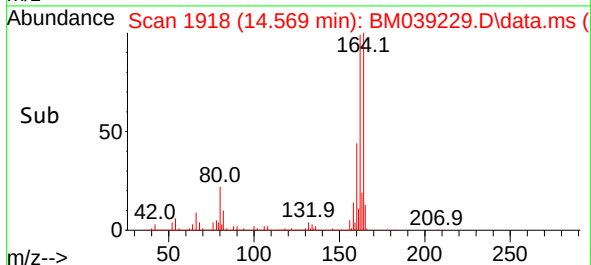
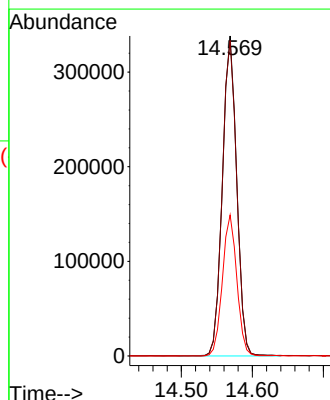
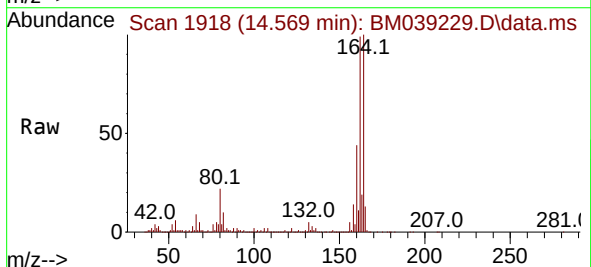
Delta R.T. -0.005 min

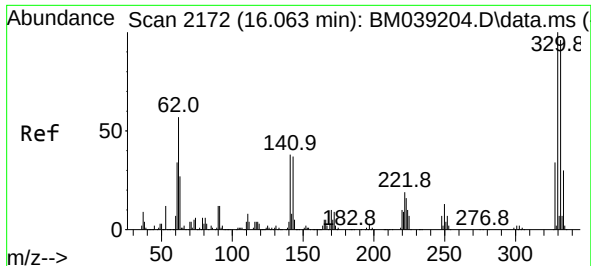
Lab File: BM039229.D

Acq: 30 Mar 2023 16:42

Tgt Ion: 164 Resp: 470817

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.1	118.7
160	44.0	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 158.265 ng

RT: 16.057 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039229.D

Acq: 30 Mar 2023 16:42

Instrument :

BNA_M

ClientSampleId :

WV-SOIL1-0327

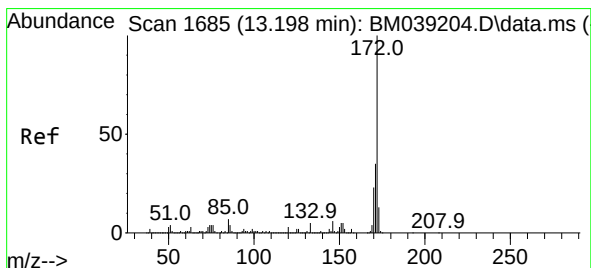
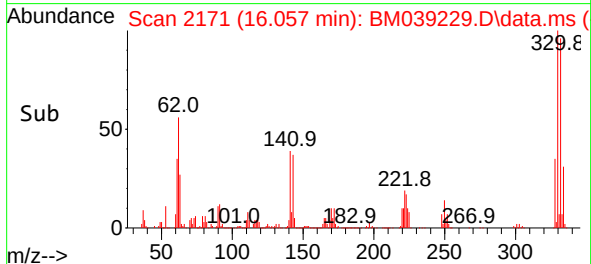
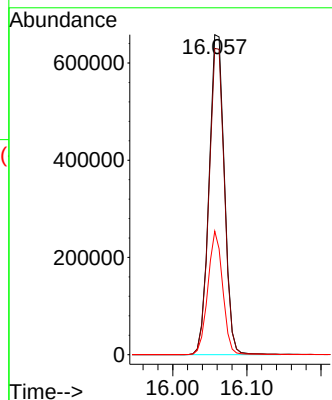
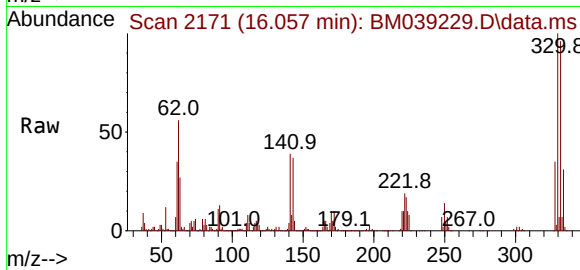
Tgt Ion:330 Resp: 945882

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 37.3 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 103.592 ng

RT: 13.192 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BM039229.D

Acq: 30 Mar 2023 16:42

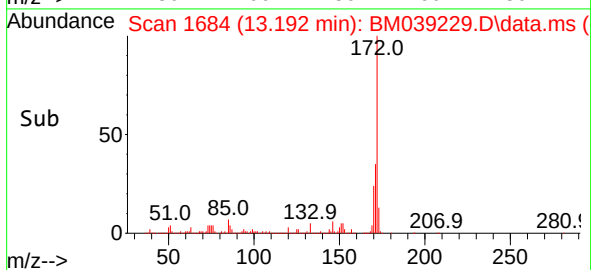
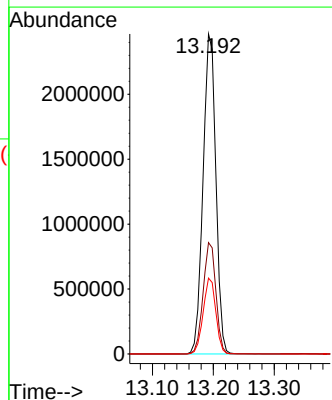
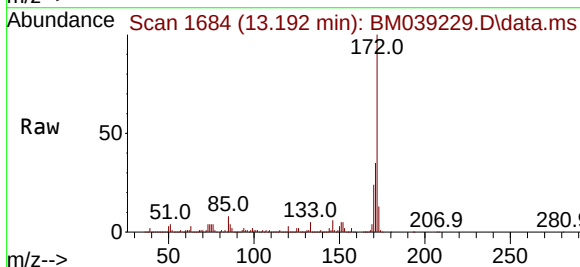
Tgt Ion:172 Resp: 3599712

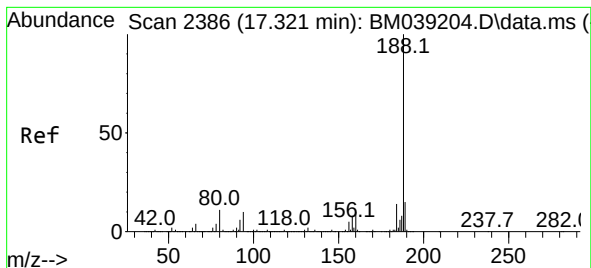
Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.7 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: BM039229.D

Acq: 30 Mar 2023 16:42

Instrument :

BNA_M

ClientSampleId :

WV-SOIL1-0327

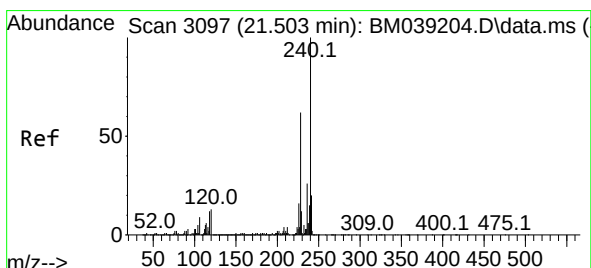
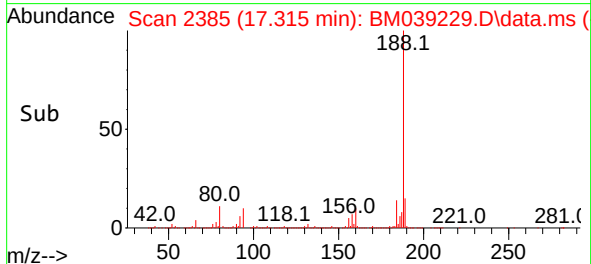
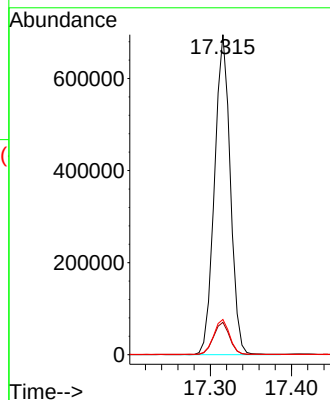
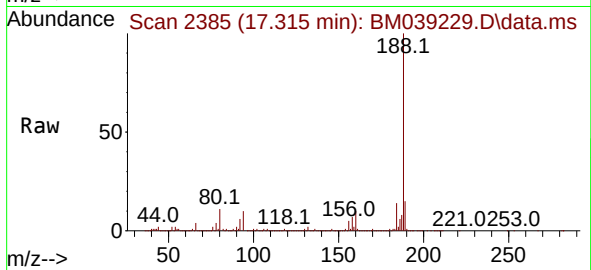
Tgt Ion:188 Resp: 938154

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.4

80 11.0 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: BM039229.D

Acq: 30 Mar 2023 16:42

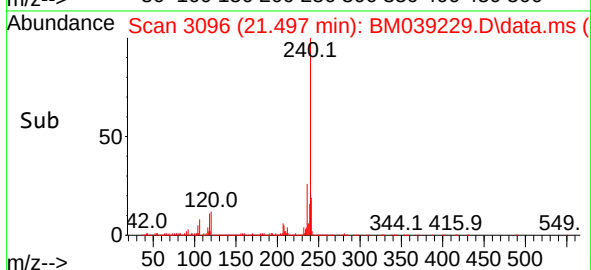
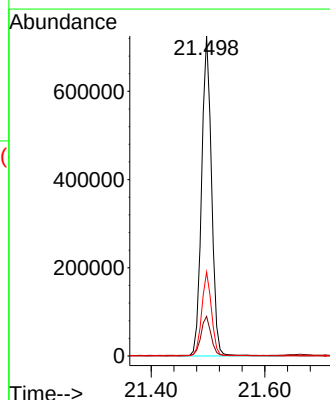
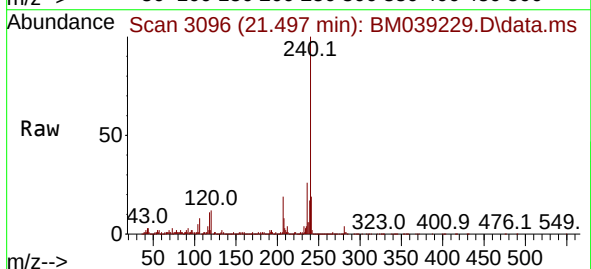
Tgt Ion:240 Resp: 879972

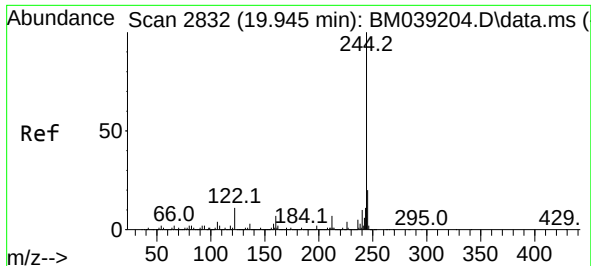
Ion Ratio Lower Upper

240 100

120 12.3 10.2 15.2

236 26.2 20.9 31.3

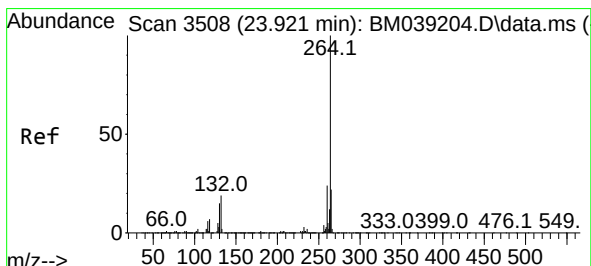
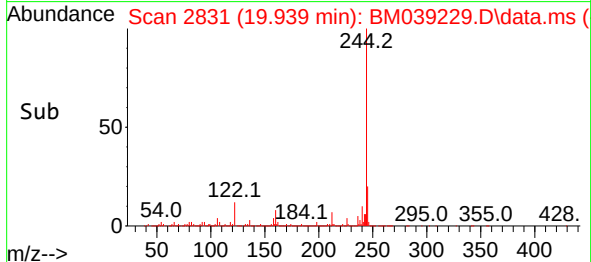
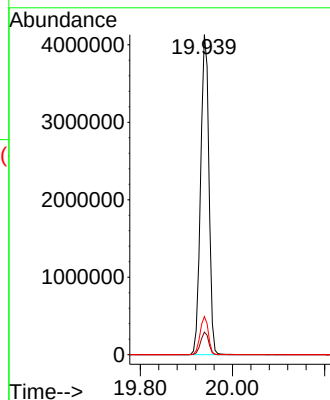
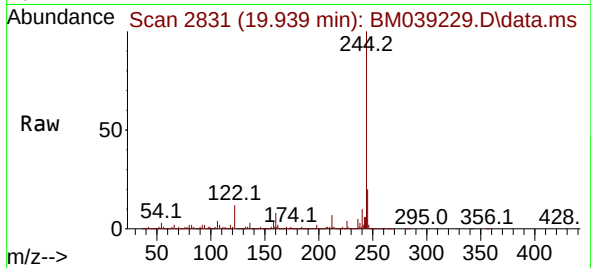




#79
 Terphenyl-d14
 Concen: 108.542 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039229.D
 Acq: 30 Mar 2023 16:42

Instrument :
 BNA_M
 ClientSampleId :
 WV-SOIL1-0327

Tgt Ion:244 Resp: 5169739
 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: BM039229.D
 Acq: 30 Mar 2023 16:42

Tgt Ion:264 Resp: 1018702
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 23.2 18.1 27.1

