

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039191.D
 Acq On : 28 Mar 2023 22:13
 Operator : CG/JU
 Sample : 02105-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-SOIL2-0327

Quant Time: Mar 29 01:33:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 29 01:28:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	276507	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1057014	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	532971	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	980130	20.000	ng	0.00
76) Chrysene-d12	21.503	240	961944	20.000	ng	0.00
86) Perylene-d12	23.927	264	1083135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1543851	84.828	ng	0.00
7) Phenol-d6	7.104	99	1927226	81.525	ng	0.00
23) Nitrobenzene-d5	9.104	82	1137737	52.872	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	498308	80.820	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	1933675	47.231	ng	0.00
79) Terphenyl-d14	19.945	244	2365528	44.961	ng	0.00

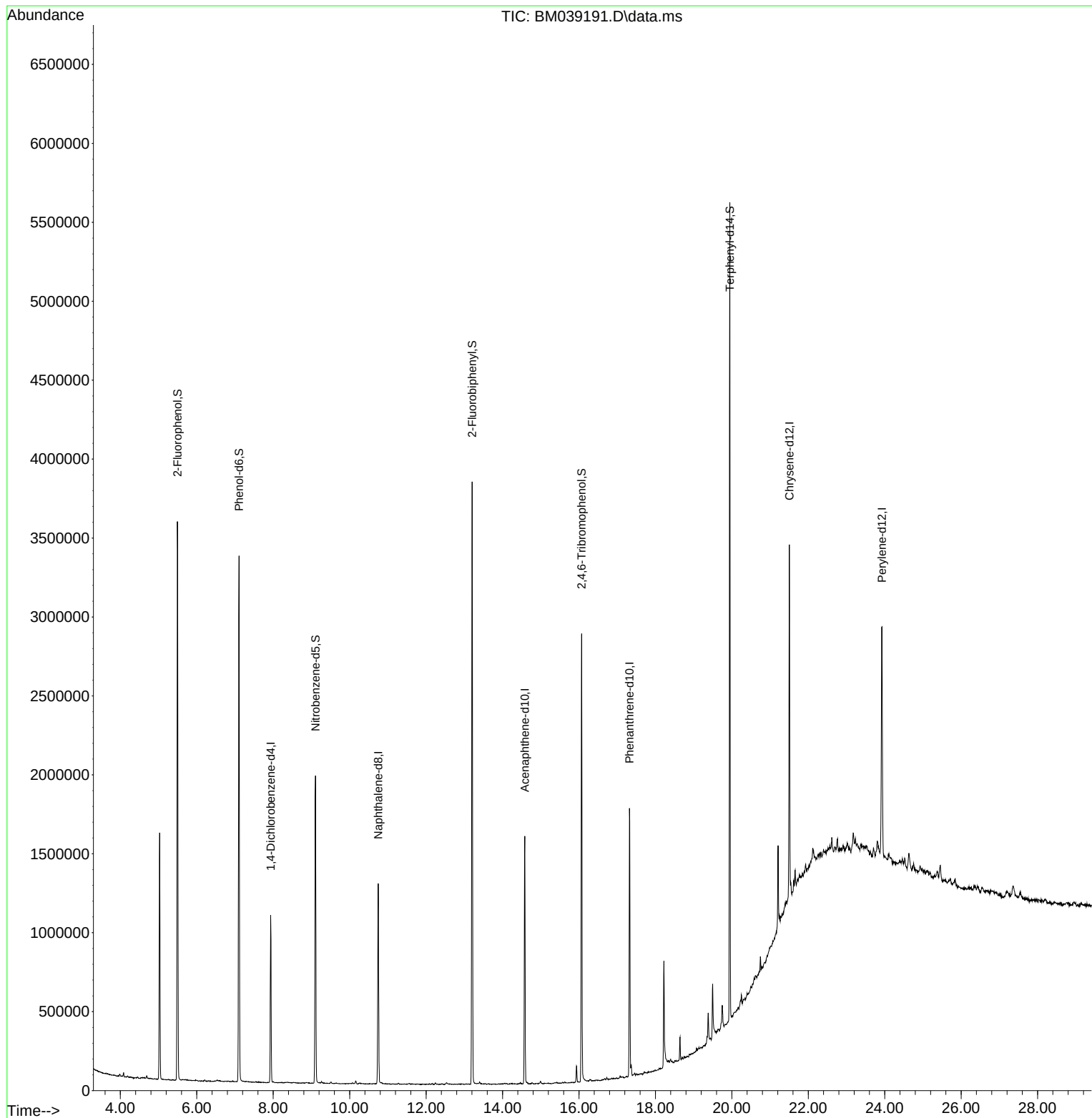
Target Compounds	Qvalue

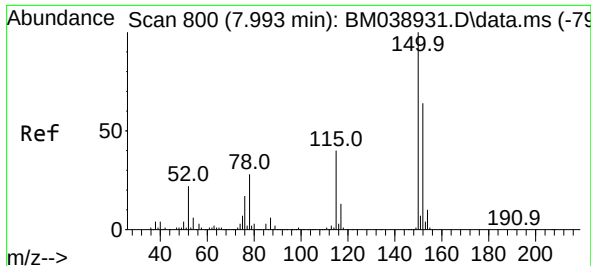
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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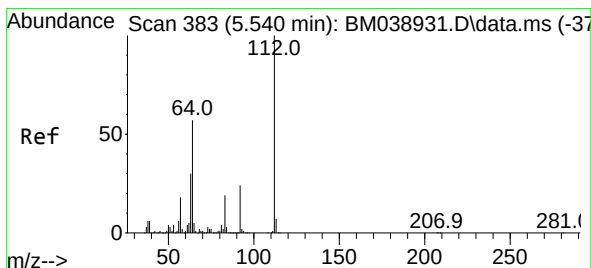
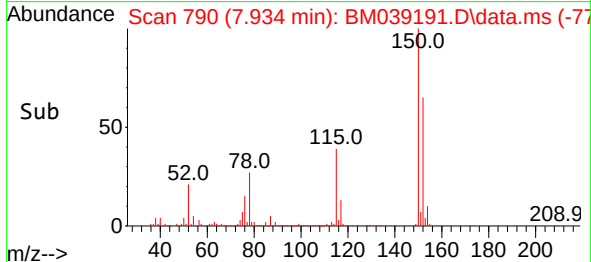
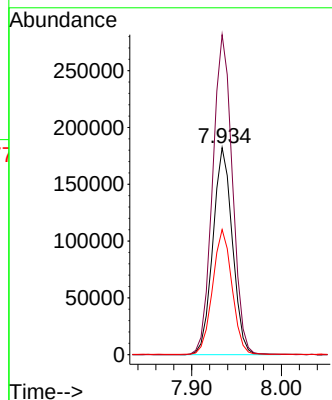
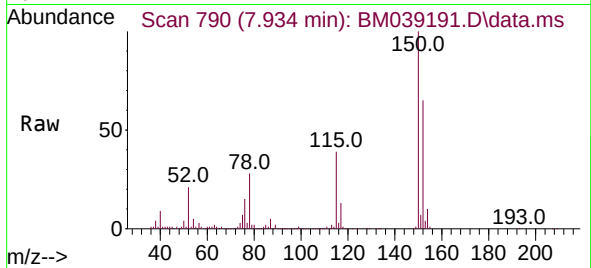




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM039191.D
Acq: 28 Mar 2023 22:13

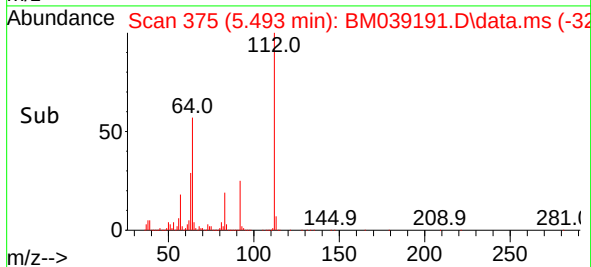
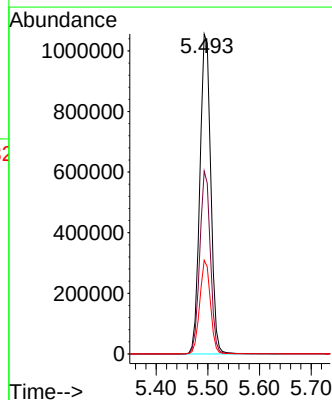
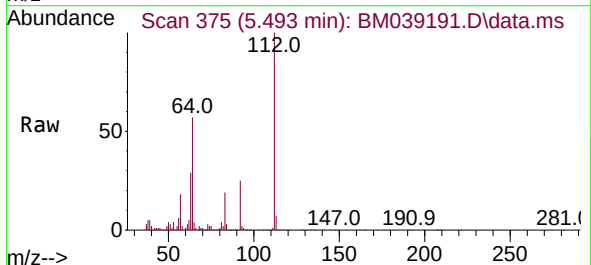
Instrument :
BNA_M
ClientSampleId :
WV-SOIL2-0327

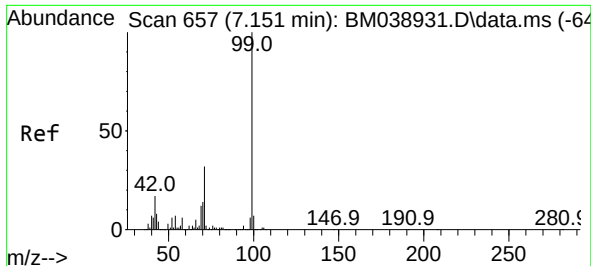
Tgt Ion:152 Resp: 276507
Ion Ratio Lower Upper
152 100
150 154.6 125.1 187.7
115 60.4 49.6 74.4



#5
2-Fluorophenol
Concen: 84.828 ng
RT: 5.493 min Scan# 375
Delta R.T. -0.006 min
Lab File: BM039191.D
Acq: 28 Mar 2023 22:13

Tgt Ion:112 Resp: 1543851
Ion Ratio Lower Upper
112 100
64 57.1 45.9 68.9
63 29.3 23.8 35.8



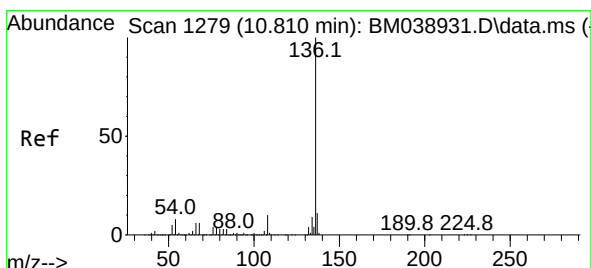
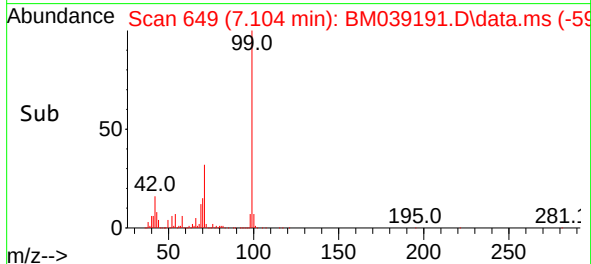
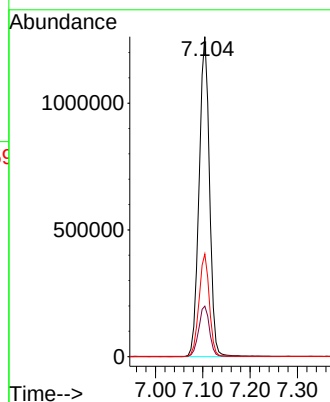
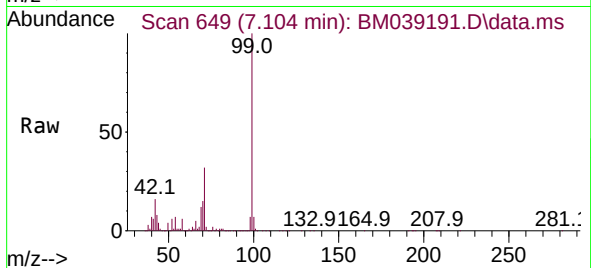


#7
Phenol-d6
Concen: 81.525 ng
RT: 7.104 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039191.D
Acq: 28 Mar 2023 22:13

Instrument :
BNA_M
ClientSampleId :
WV-SOIL2-0327

Tgt Ion: 99 Resp: 1927226

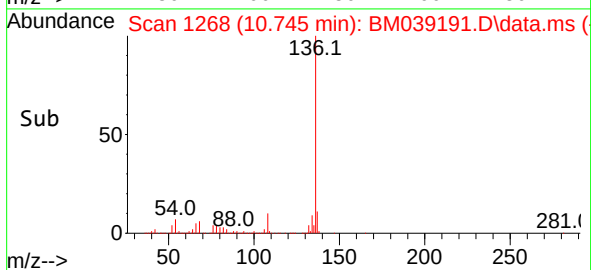
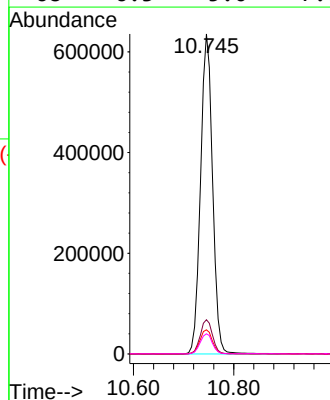
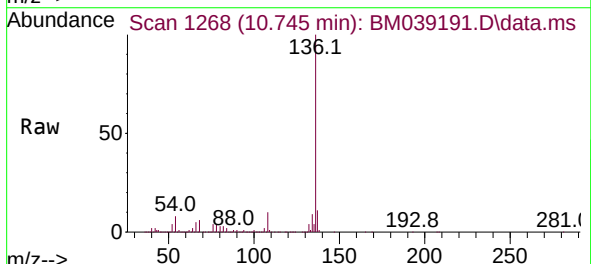
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	32.1	25.6	38.4

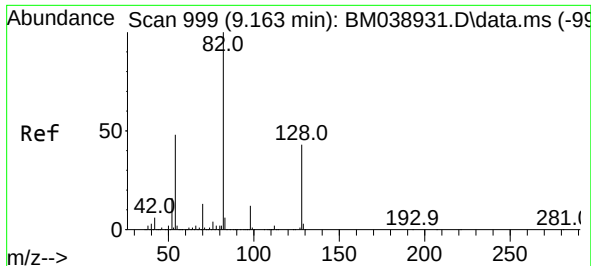


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM039191.D
Acq: 28 Mar 2023 22:13

Tgt Ion: 136 Resp: 1057014

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.5	6.3	9.5
68	6.3	5.0	7.6



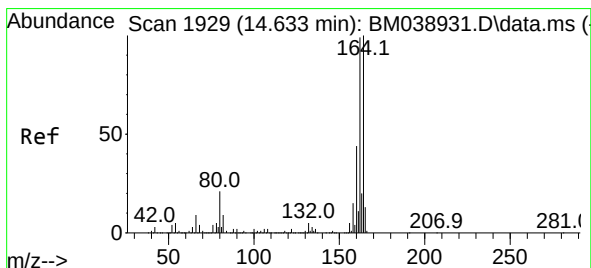
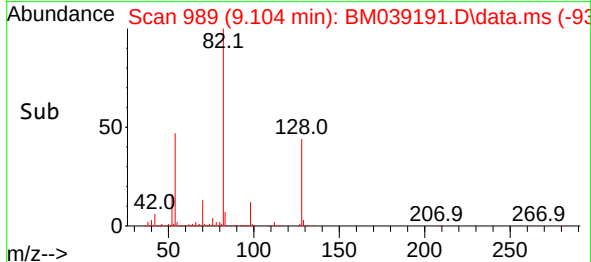
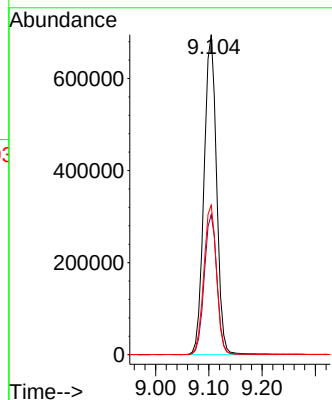
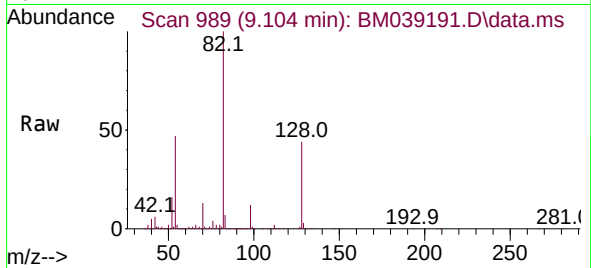


#23
Nitrobenzene-d5
Concen: 52.872 ng
RT: 9.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BM039191.D
Acq: 28 Mar 2023 22:13

Instrument :
BNA_M
ClientSampleId :
WV-SOIL2-0327

Tgt Ion: 82 Resp: 1137737

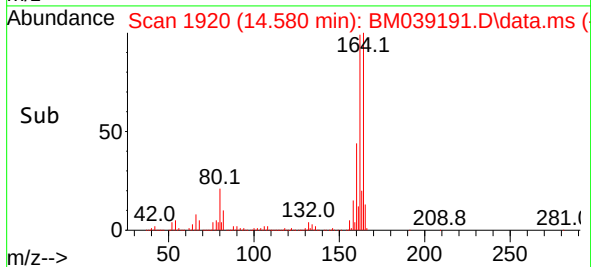
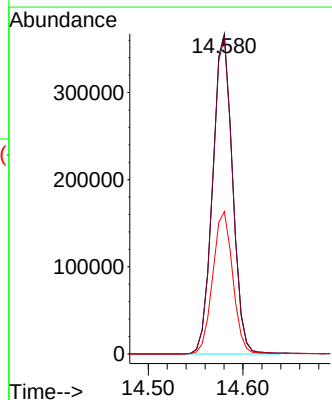
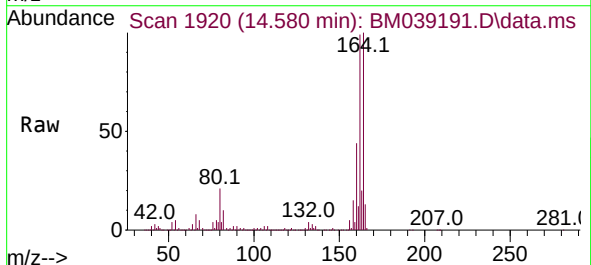
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.4	51.6
54	46.7	38.8	58.2

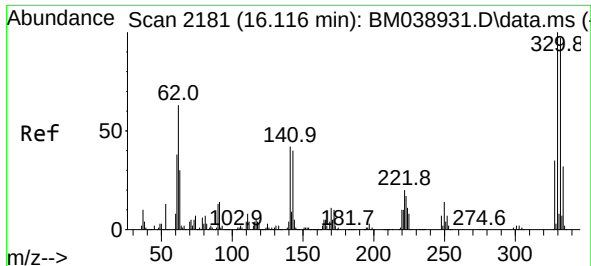


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BM039191.D
Acq: 28 Mar 2023 22:13

Tgt Ion: 164 Resp: 532971

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.2	118.8
160	44.5	35.5	53.3

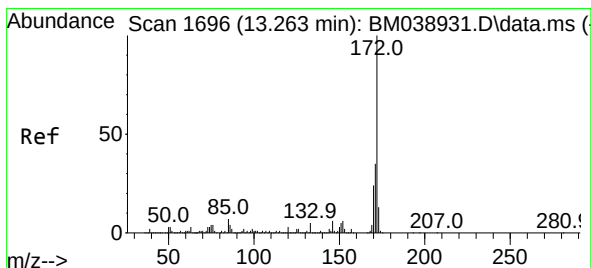
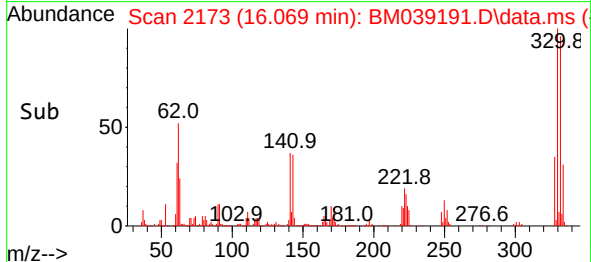
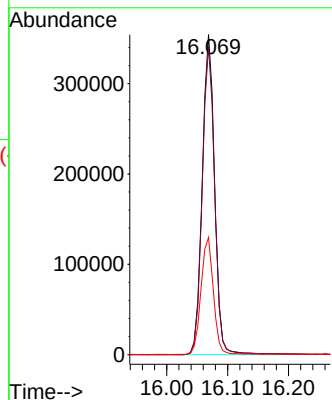
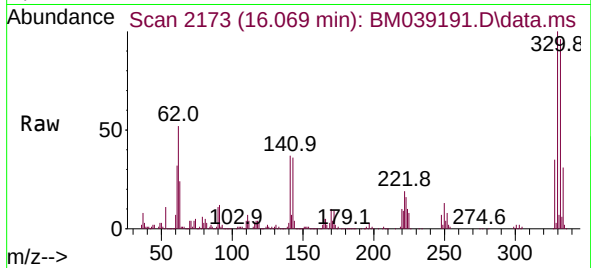




#42
2,4,6-Tribromophenol
Concen: 80.820 ng
RT: 16.069 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039191.D
Acq: 28 Mar 2023 22:13

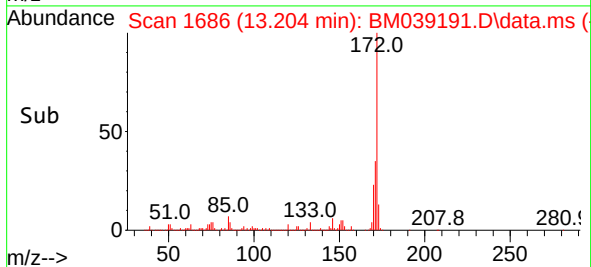
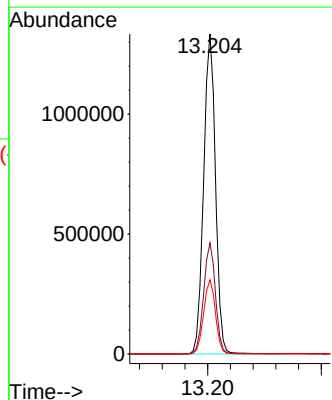
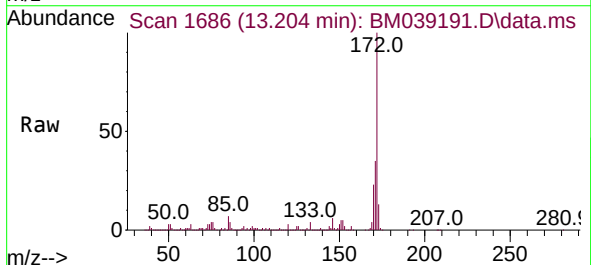
Instrument :
BNA_M
ClientSampleId :
WV-SOIL2-0327

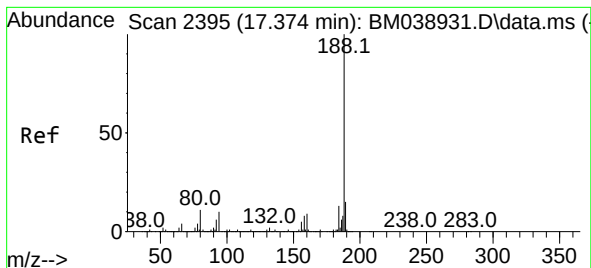
Tgt Ion:330 Resp: 498308
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 37.0 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 47.231 ng
RT: 13.204 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM039191.D
Acq: 28 Mar 2023 22:13

Tgt Ion:172 Resp: 1933675
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.1 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2395

Delta R.T. -0.006 min

Lab File: BM039191.D

Acq: 28 Mar 2023 22:13

Instrument :

BNA_M

ClientSampleId :

WV-SOIL2-0327

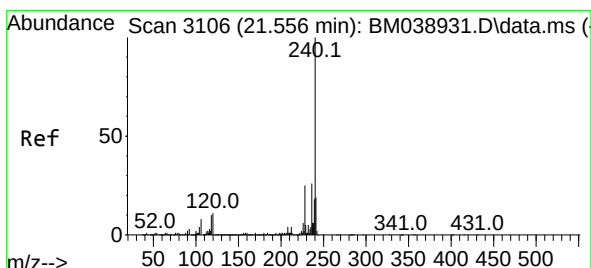
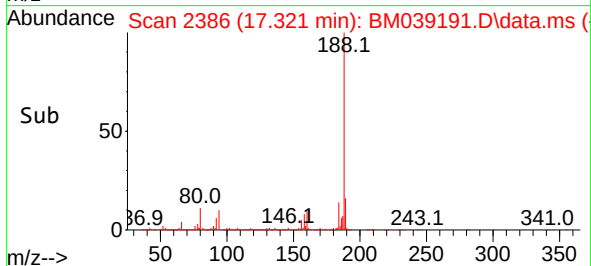
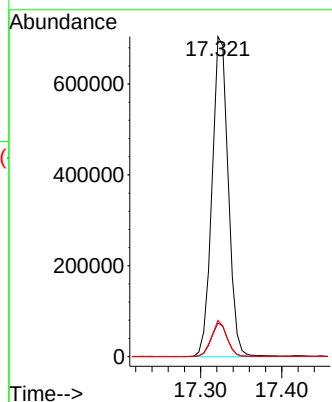
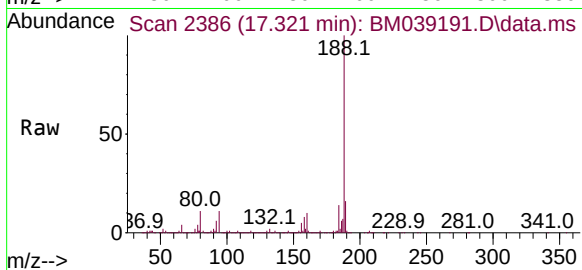
Tgt Ion:188 Resp: 980130

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

80 11.3 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM039191.D

Acq: 28 Mar 2023 22:13

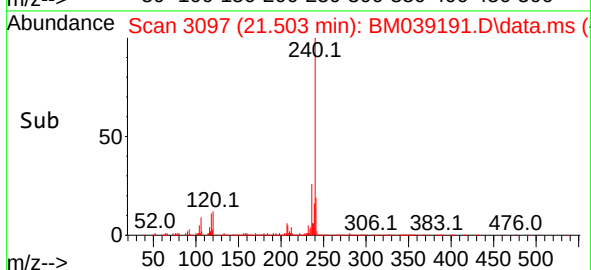
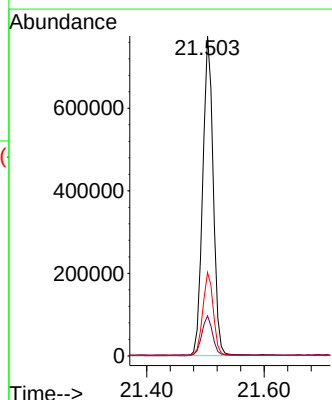
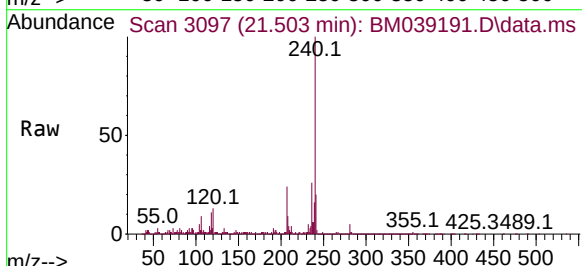
Tgt Ion:240 Resp: 961944

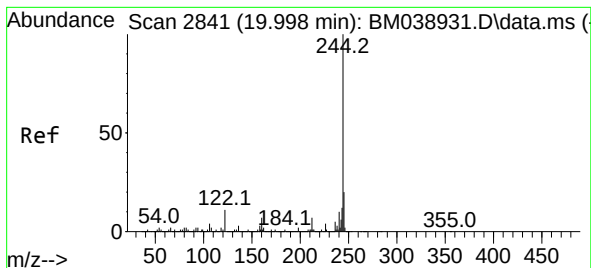
Ion Ratio Lower Upper

240 100

120 12.5 9.2 13.8

236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 44.961 ng

RT: 19.945 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BM039191.D

Acq: 28 Mar 2023 22:13

Instrument :

BNA_M

ClientSampleId :

WV-SOIL2-0327

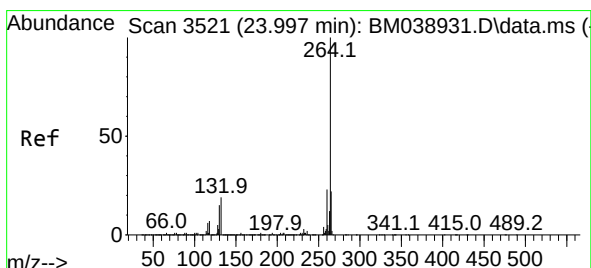
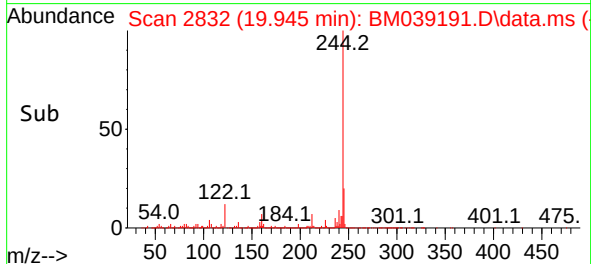
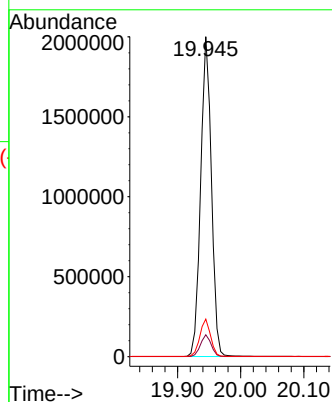
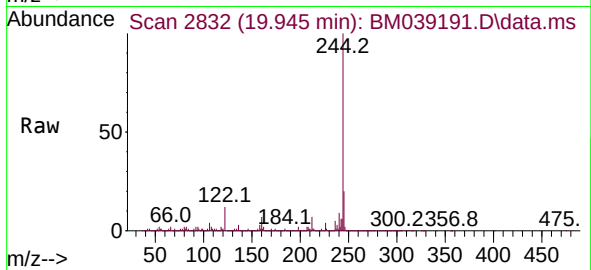
Tgt Ion:244 Resp: 2365528

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3509

Delta R.T. 0.000 min

Lab File: BM039191.D

Acq: 28 Mar 2023 22:13

Tgt Ion:264 Resp: 1083135

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.2 17.9 26.9

