

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039190.D
 Acq On : 28 Mar 2023 21:36
 Operator : CG/JU
 Sample : 02105-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-SOIL3-0327

Quant Time: Mar 29 01:32:53 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	7.933	152	312428	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1282124	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	724676	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1350524	20.000	ng	0.00
76) Chrysene-d12	21.503	240	943159	20.000	ng	0.00
86) Perylene-d12	23.927	264	1002295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1848476	89.889	ng	0.00
7) Phenol-d6	7.104	99	2442350	91.437	ng	0.00
23) Nitrobenzene-d5	9.104	82	1440684	55.196	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	650764	77.626	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	2839781	51.013	ng	0.00
79) Terphenyl-d14	19.944	244	2931607	56.830	ng	0.00

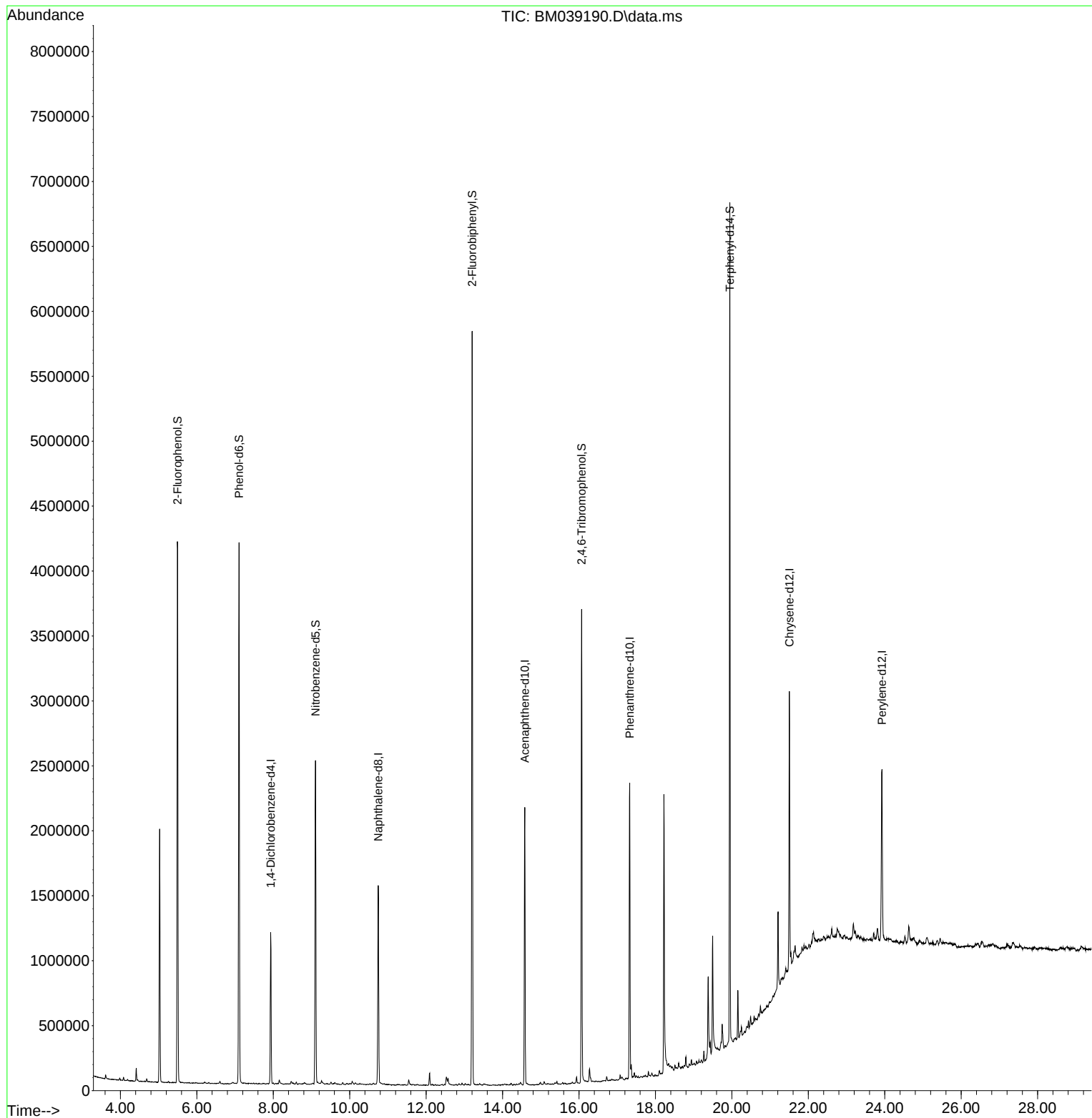
Target Compounds	Qvalue

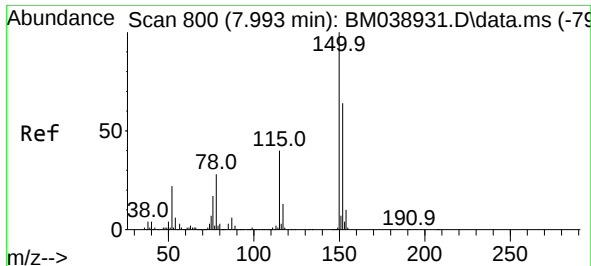
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
Data File : BM039190.D
Acq On : 28 Mar 2023 21:36
Operator : CG/JU
Sample : 02105-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WV-SOIL3-0327

Quant Time: Mar 29 01:32:53 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

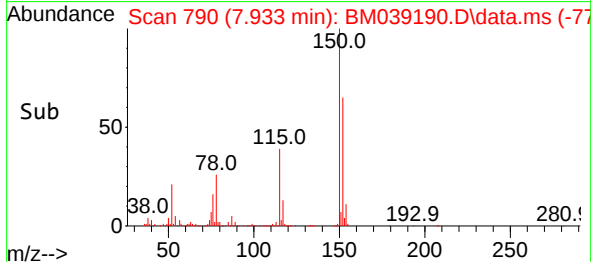
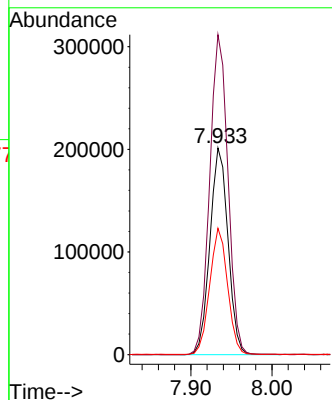
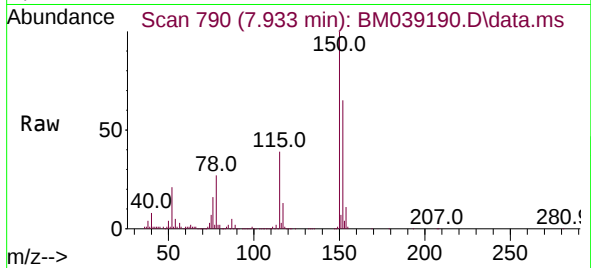




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.933 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039190.D
Acq: 28 Mar 2023 21:36

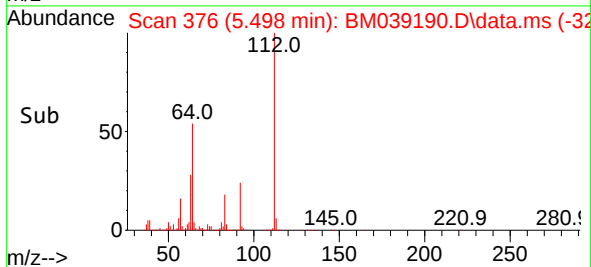
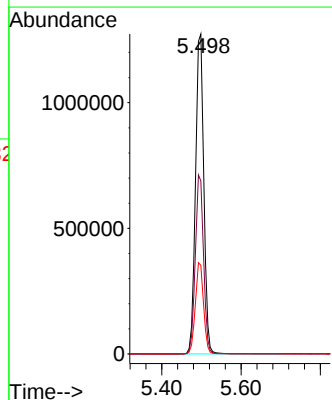
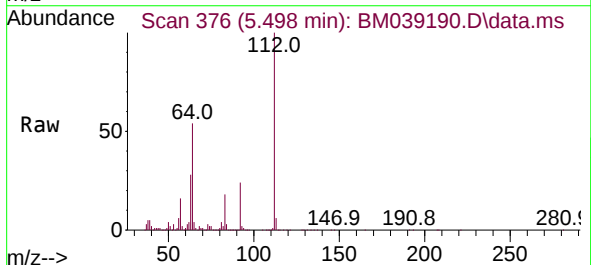
Instrument :
BNA_M
ClientSampleId :
WV-SOIL3-0327

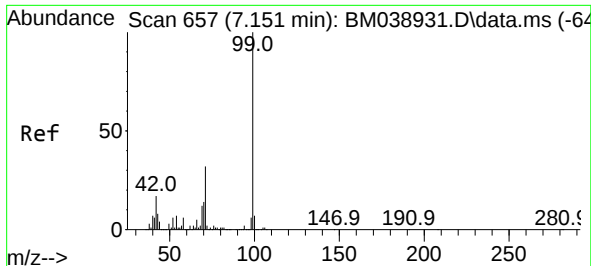
Tgt Ion:152 Resp: 312428
Ion Ratio Lower Upper
152 100
150 154.9 125.1 187.7
115 61.1 49.6 74.4



#5
2-Fluorophenol
Concen: 89.889 ng
RT: 5.498 min Scan# 376
Delta R.T. -0.000 min
Lab File: BM039190.D
Acq: 28 Mar 2023 21:36

Tgt Ion:112 Resp: 1848476
Ion Ratio Lower Upper
112 100
64 54.1 45.9 68.9
63 27.7 23.8 35.8

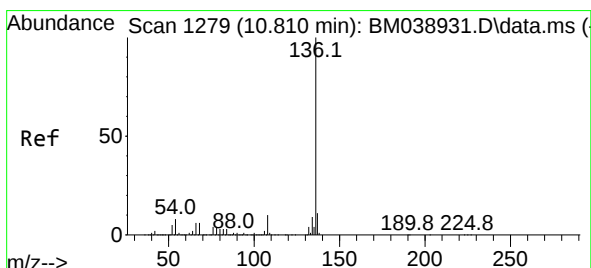
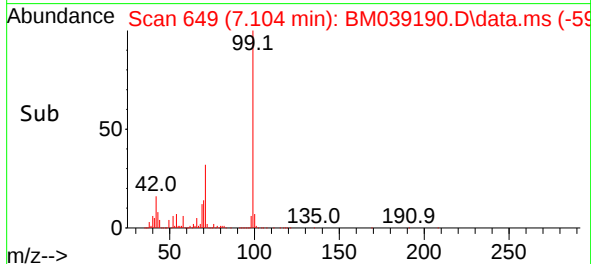
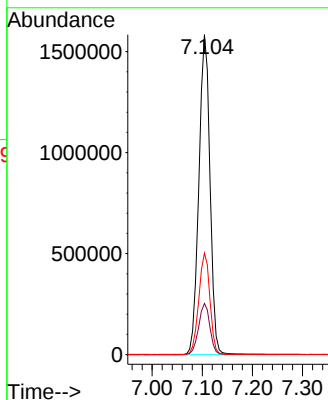
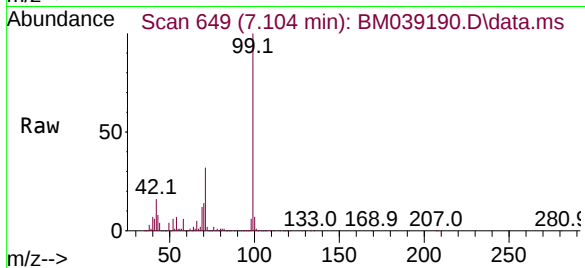




#7
Phenol-d6
Concen: 91.437 ng
RT: 7.104 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039190.D
Acq: 28 Mar 2023 21:36

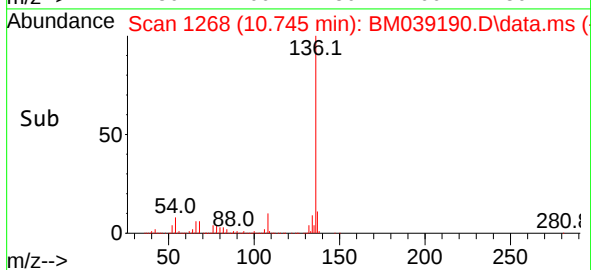
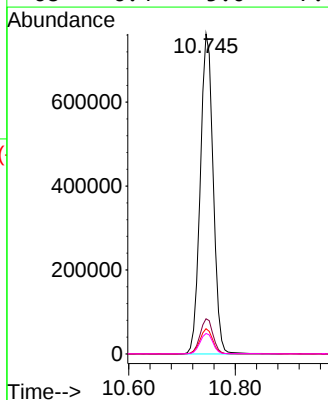
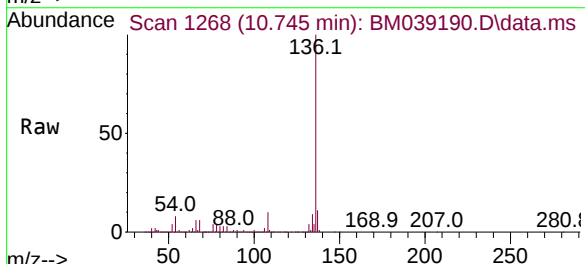
Instrument :
BNA_M
ClientSampleId :
WV-SOIL3-0327

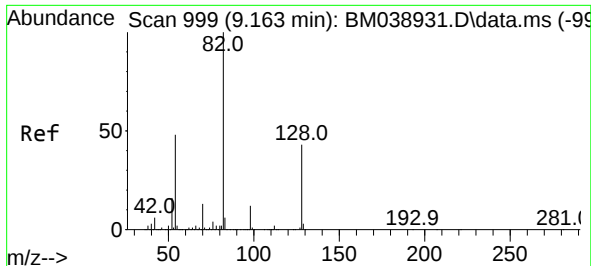
Tgt Ion: 99 Resp: 2442350
Ion Ratio Lower Upper
99 100
42 16.0 13.5 20.3
71 31.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM039190.D
Acq: 28 Mar 2023 21:36

Tgt Ion: 136 Resp: 1282124
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.9 6.3 9.5
68 6.4 5.0 7.6



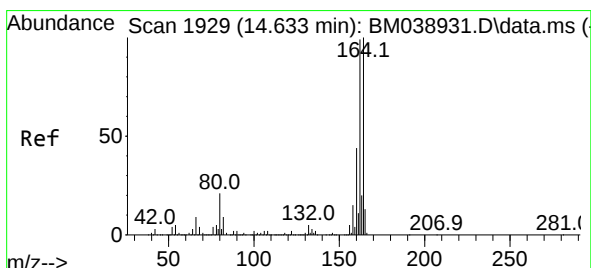
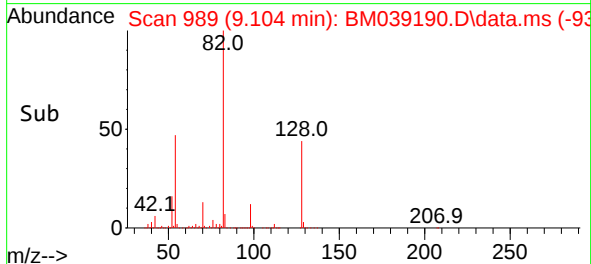
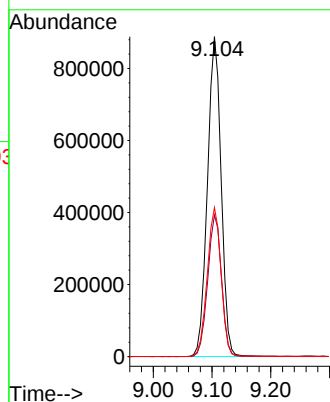
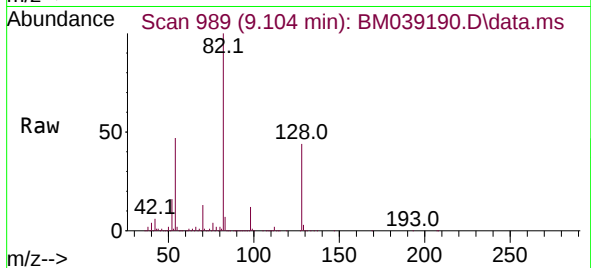


#23
Nitrobenzene-d5
Concen: 55.196 ng
RT: 9.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BM039190.D
Acq: 28 Mar 2023 21:36

Instrument :
BNA_M
ClientSampleId :
WV-SOIL3-0327

Tgt Ion: 82 Resp: 1440684

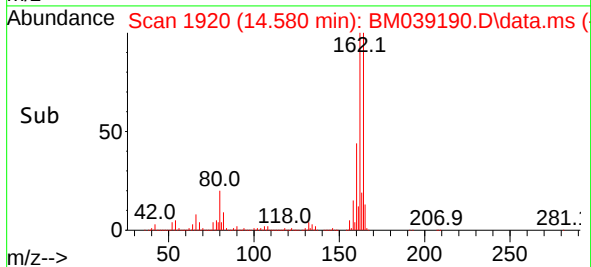
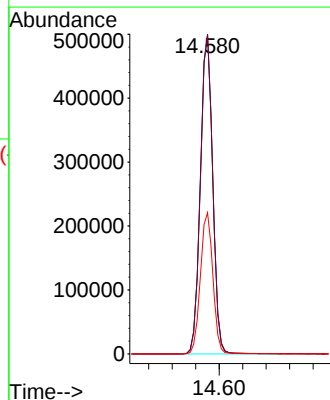
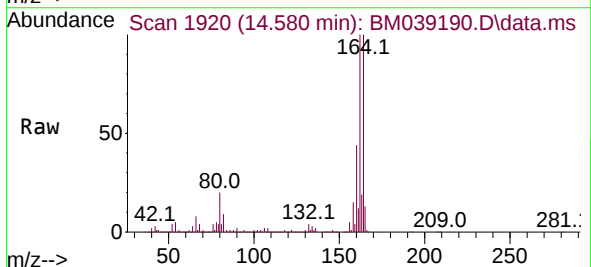
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.4	51.6
54	46.6	38.8	58.2

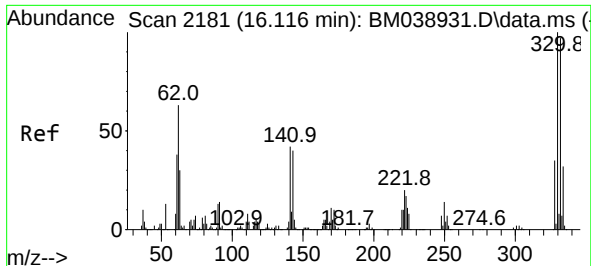


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BM039190.D
Acq: 28 Mar 2023 21:36

Tgt Ion: 164 Resp: 724676

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.2	118.8
160	44.3	35.5	53.3

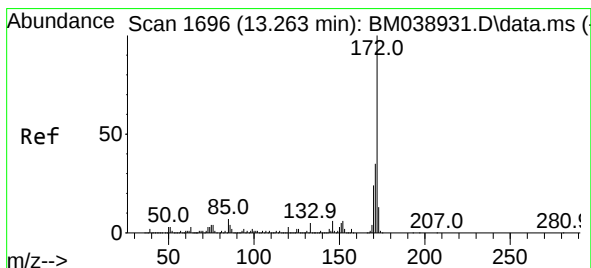
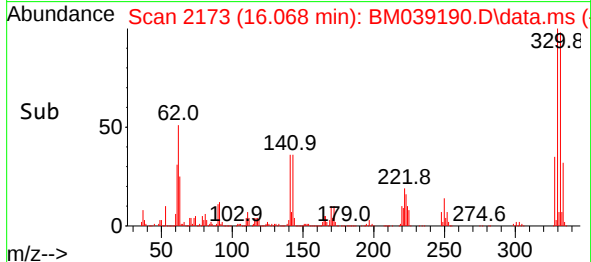
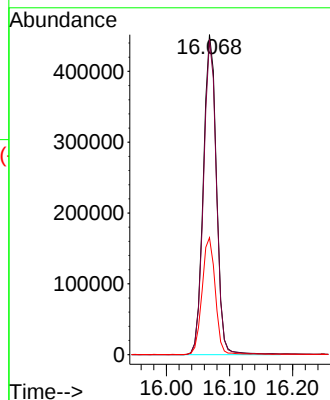
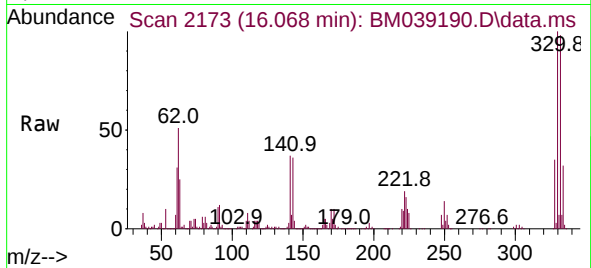




#42
2,4,6-Tribromophenol
Concen: 77.626 ng
RT: 16.068 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039190.D
Acq: 28 Mar 2023 21:36

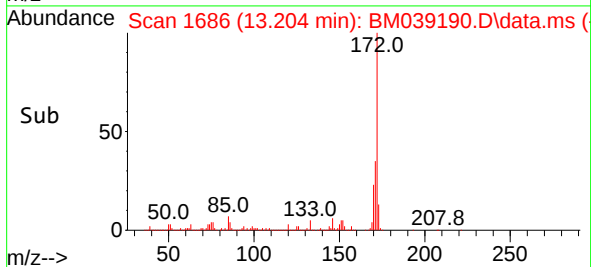
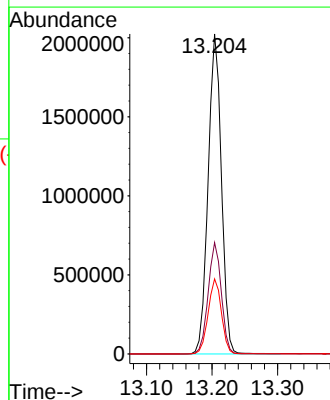
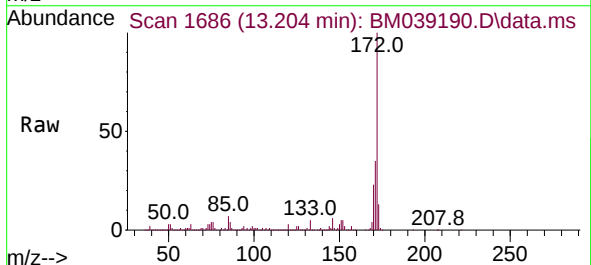
Instrument :
BNA_M
ClientSampleId :
WV-SOIL3-0327

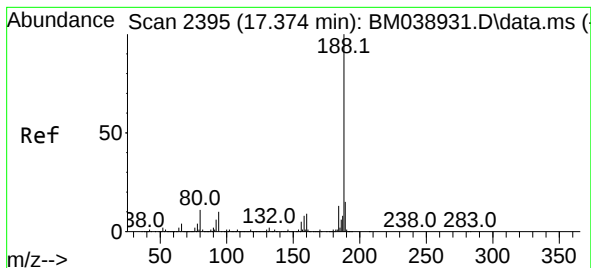
Tgt Ion:330 Resp: 650764
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 37.1 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 51.013 ng
RT: 13.204 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM039190.D
Acq: 28 Mar 2023 21:36

Tgt Ion:172 Resp: 2839781
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BM039190.D

Acq: 28 Mar 2023 21:36

Instrument :

BNA_M

ClientSampleId :

WV-SOIL3-0327

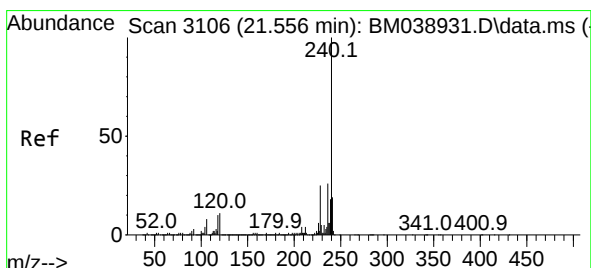
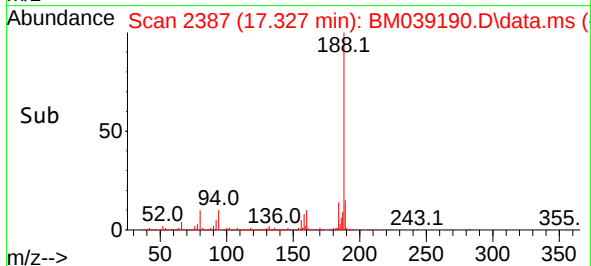
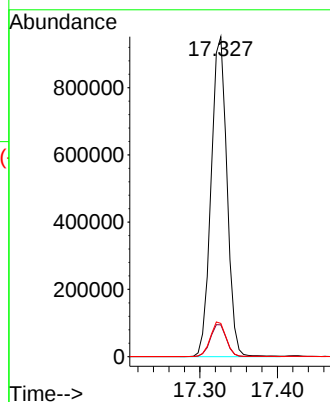
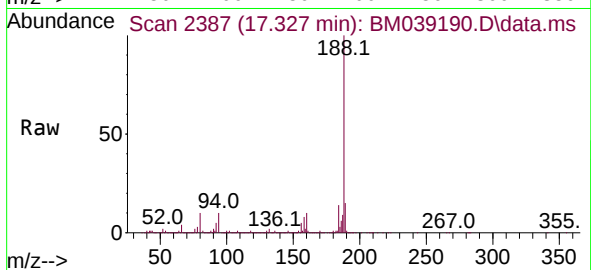
Tgt Ion:188 Resp: 1350524

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.4 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: BM039190.D

Acq: 28 Mar 2023 21:36

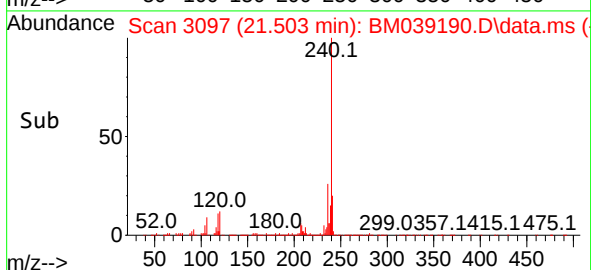
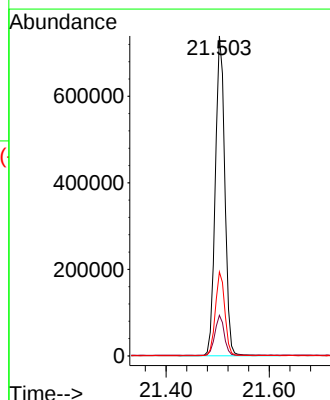
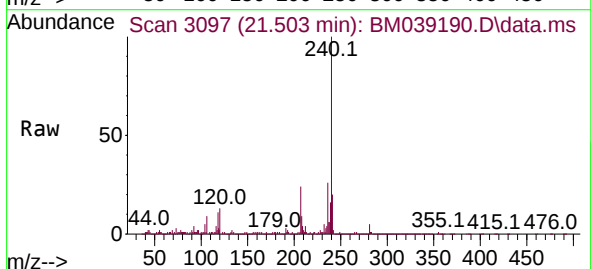
Tgt Ion:240 Resp: 943159

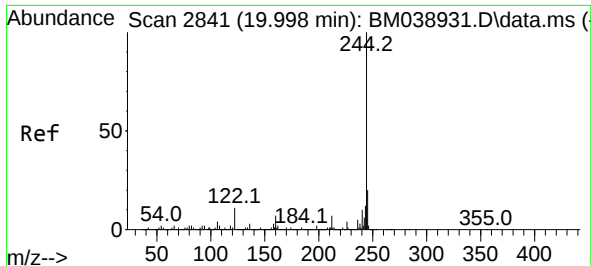
Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

236 26.2 20.8 31.2

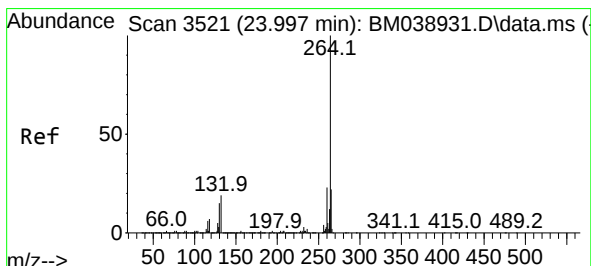
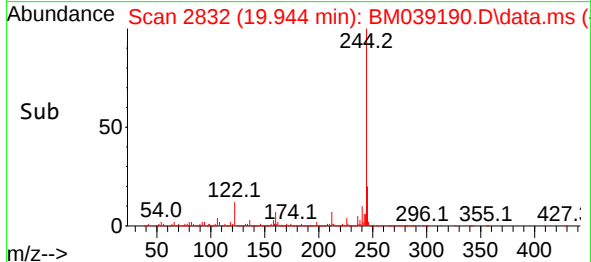
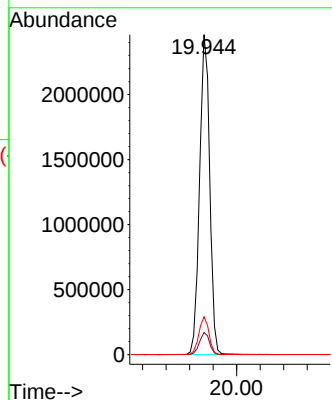
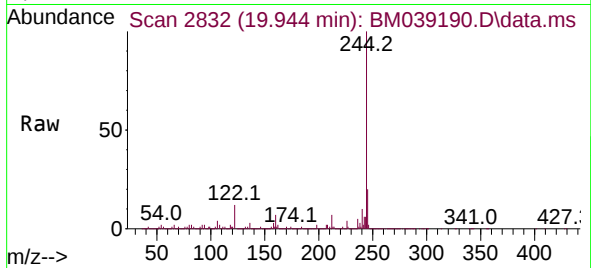




#79
 Terphenyl-d14
 Concen: 56.830 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039190.D
 Acq: 28 Mar 2023 21:36

Instrument :
 BNA_M
 ClientSampleId :
 WV-SOIL3-0327

Tgt Ion:244 Resp: 2931607
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.8 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: BM039190.D
 Acq: 28 Mar 2023 21:36

Tgt Ion:264 Resp: 1002295
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 22.3 17.9 26.9

