

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

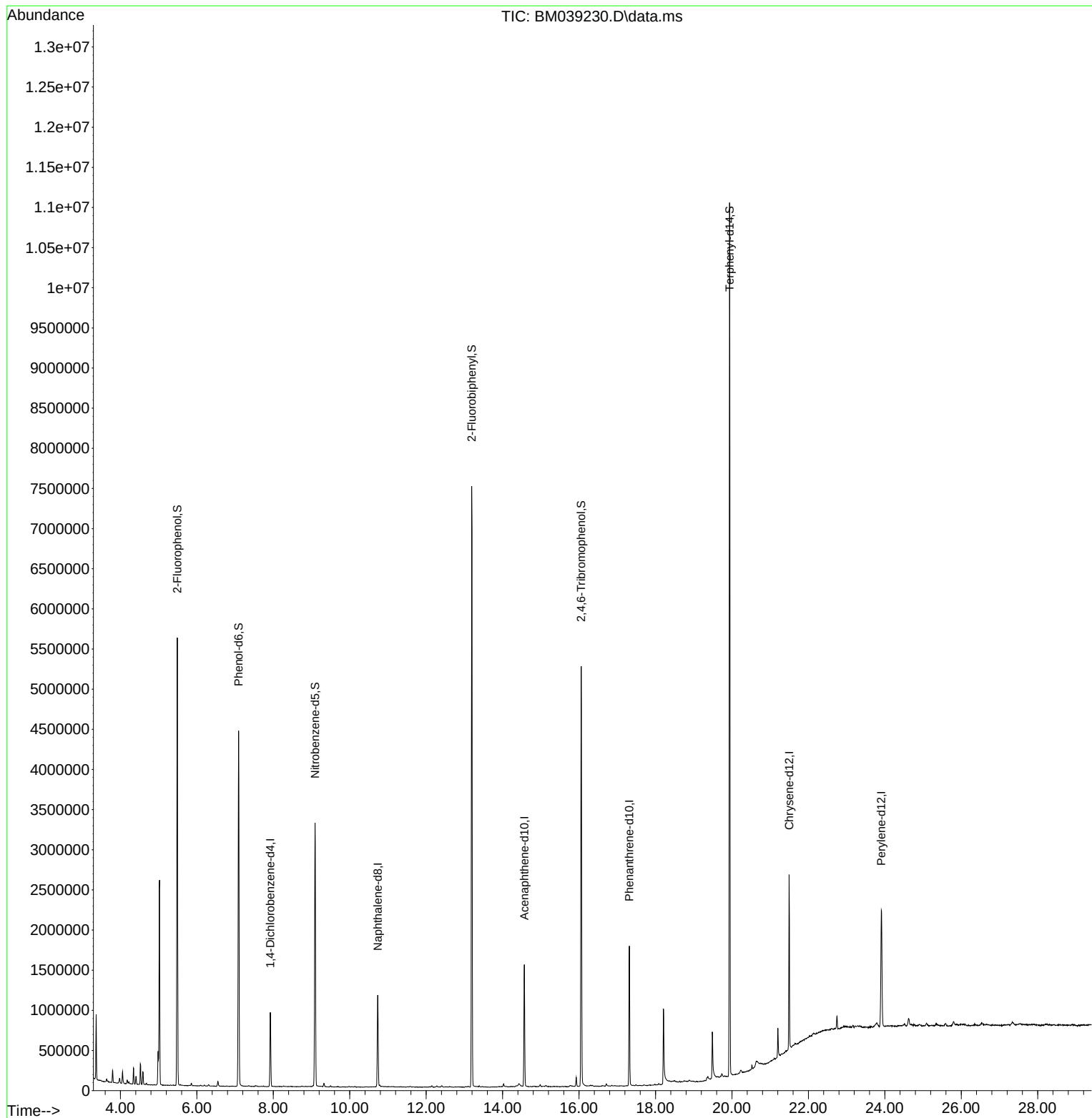
Target Compounds	Qvalue

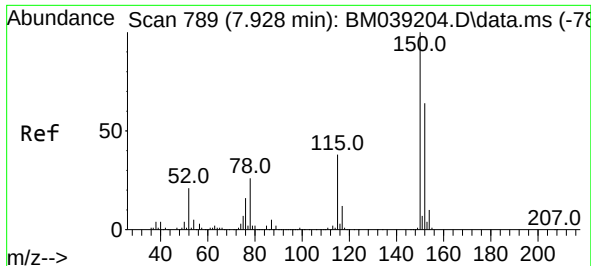
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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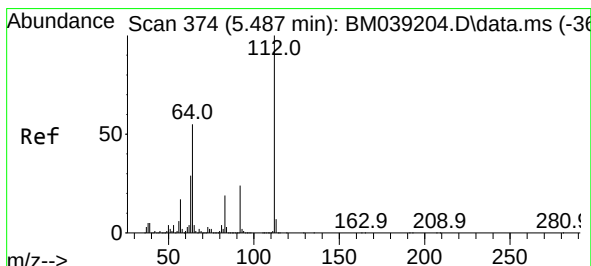
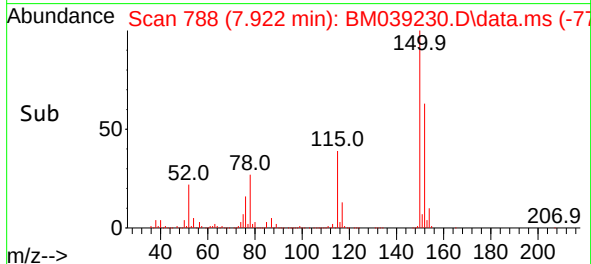
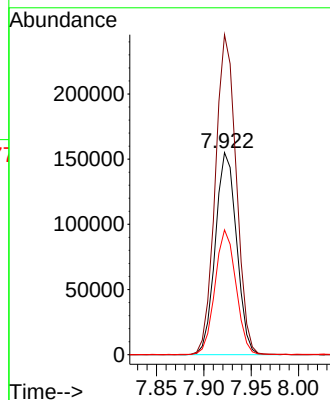
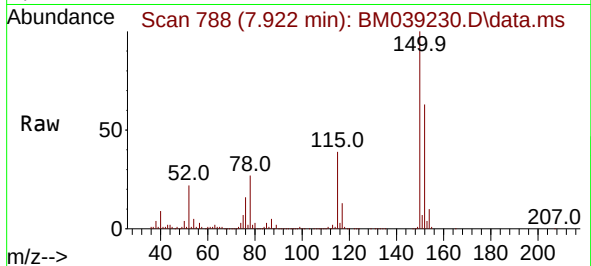




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM039230.D
Acq: 30 Mar 2023 17:19

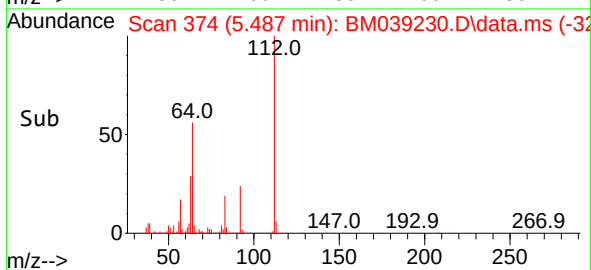
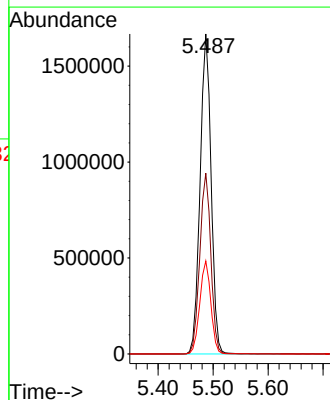
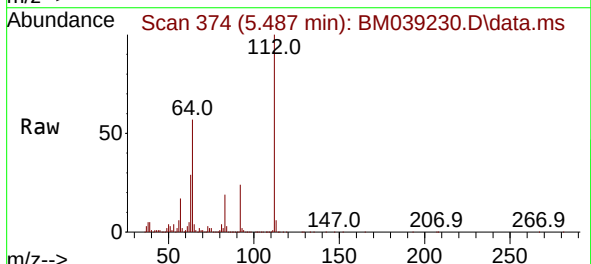
Instrument :
BNA_M
ClientSampleId :
WV-SOIL2-0327

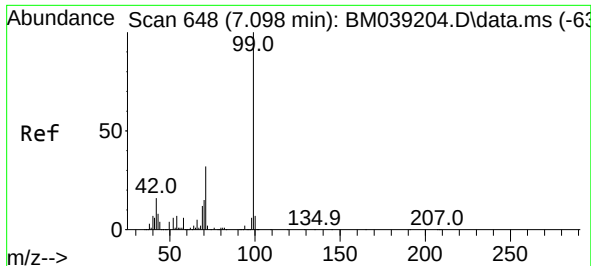
Tgt Ion:152 Resp: 242154
Ion Ratio Lower Upper
152 100
150 158.4 125.5 188.3
115 61.8 48.1 72.1



#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

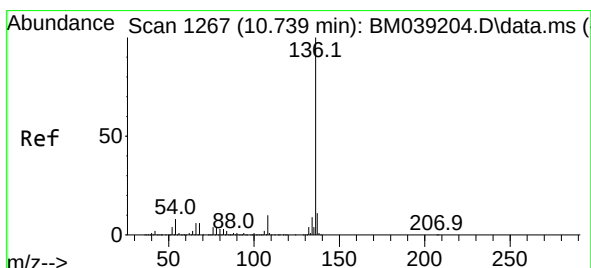
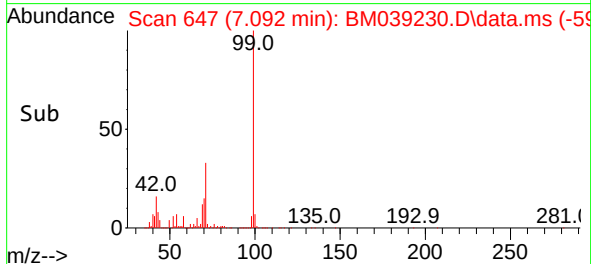
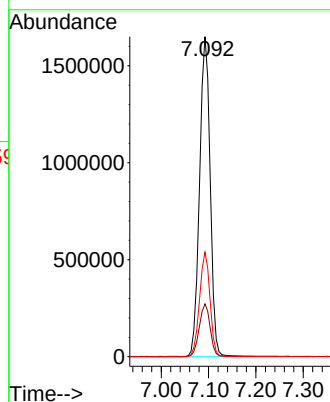
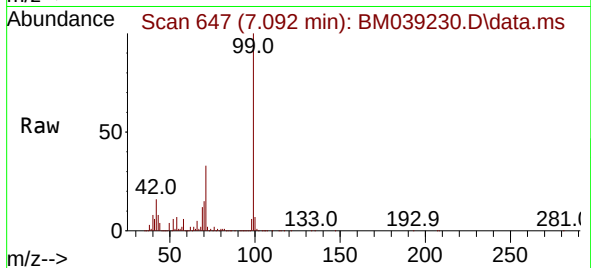




#7
Phenol-d6
Concen: 123.436 ng
RT: 7.092 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM039230.D
Acq: 30 Mar 2023 17:19

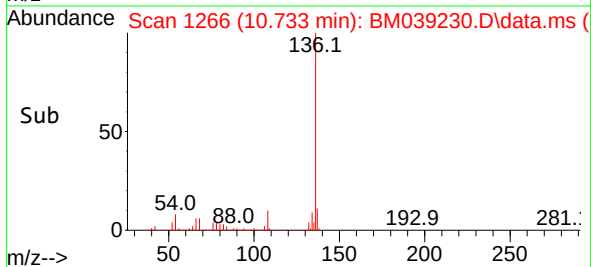
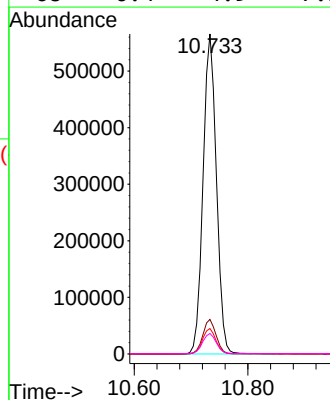
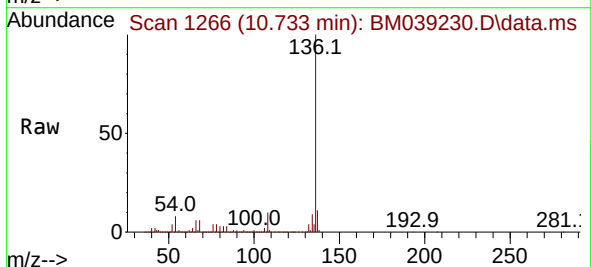
Instrument :
BNA_M
ClientSampleId :
WV-SOIL2-0327

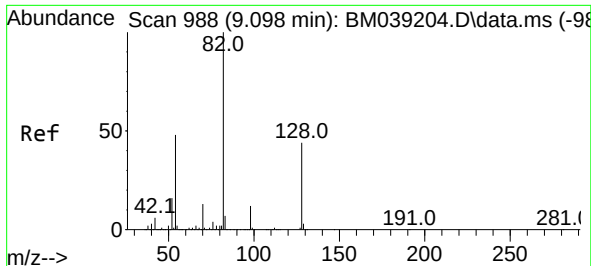
Tgt Ion: 99 Resp: 2566105
Ion Ratio Lower Upper
99 100
42 16.5 13.0 19.6
71 32.6 25.5 38.3



#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# 91

Delta R.T. -0.006 min

Lab File: BM039230.D

Acq: 30 Mar 2023 17:19

Instrument :

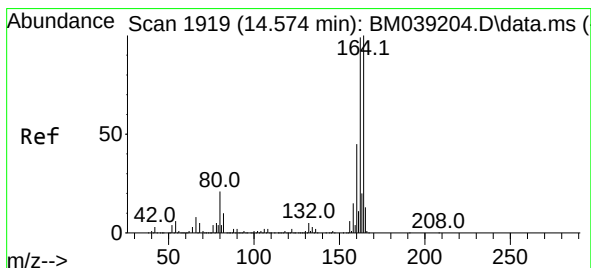
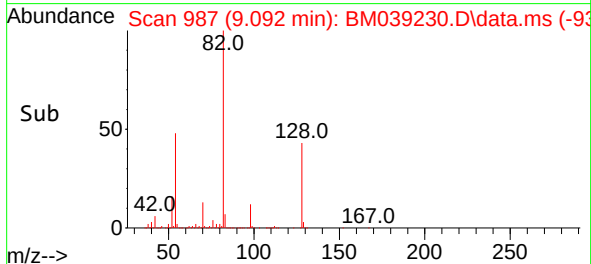
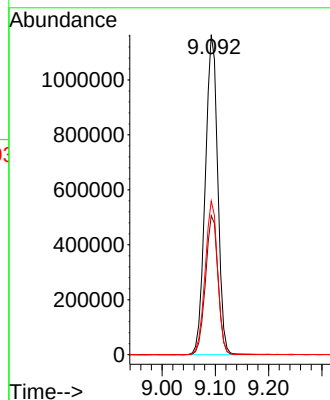
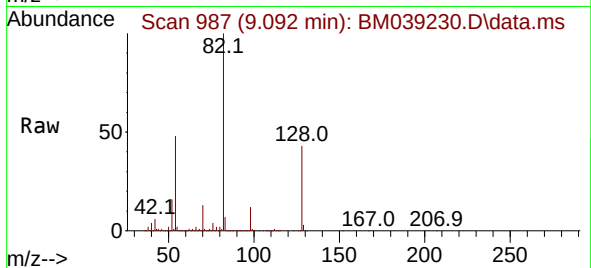
BNA_M

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

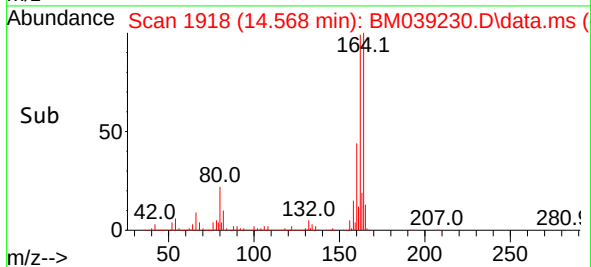
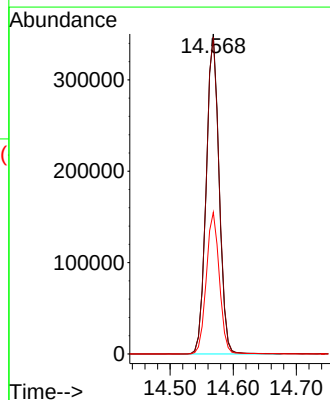
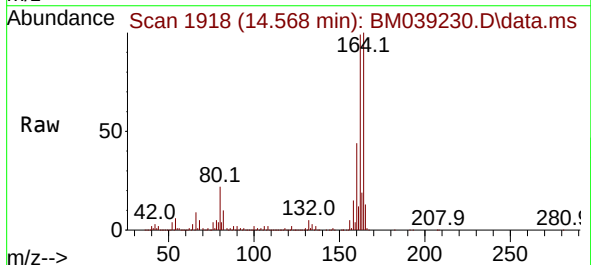
Delta R.T. -0.006 min

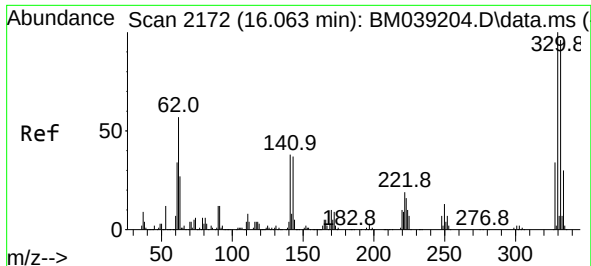
Lab File: BM039230.D

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

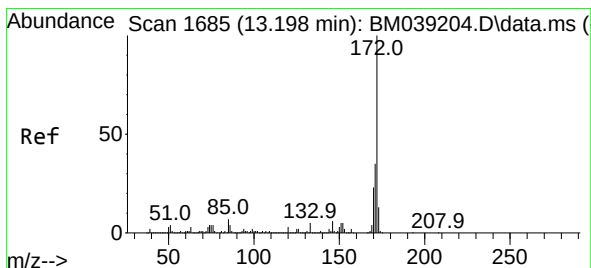
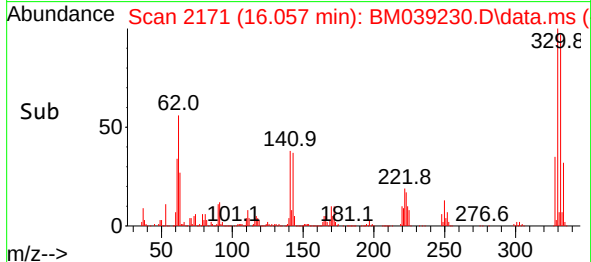
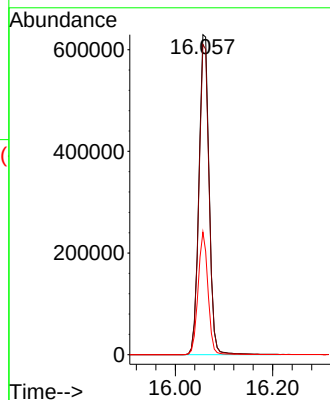
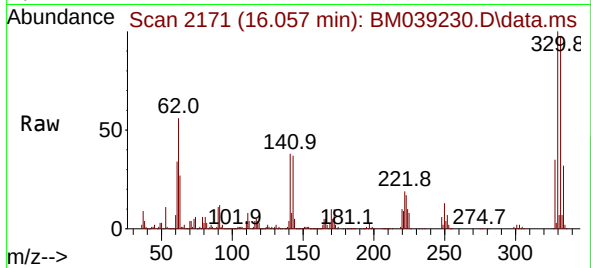




#42
2,4,6-Tribromophenol
Concen: 146.553 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM039230.D
Acq: 30 Mar 2023 17:19

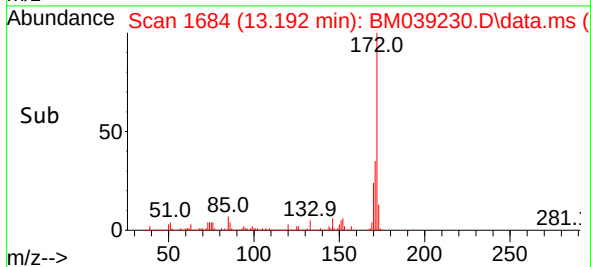
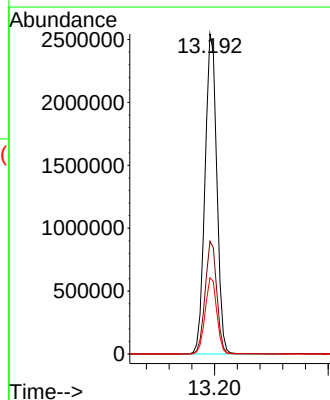
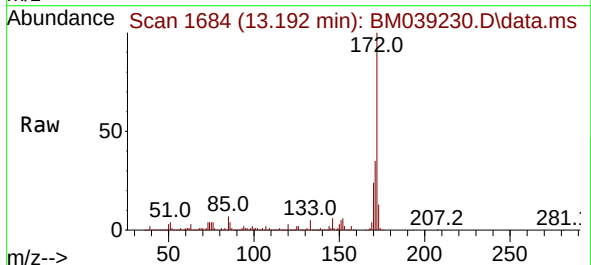
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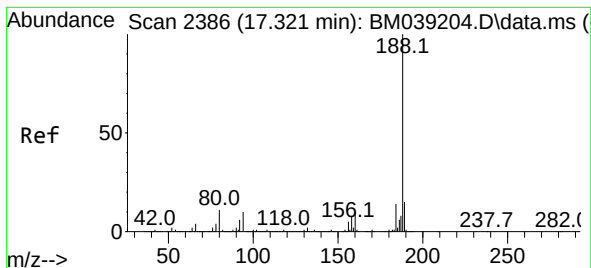
Tgt Ion:330 Resp: 920753
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 37.0 29.8 44.6



#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# 21

Delta R.T. -0.006 min

Lab File: BM039230.D

Acq: 30 Mar 2023 17:19

Instrument :

BNA_M

ClientSampleId :

WV-SOIL2-0327

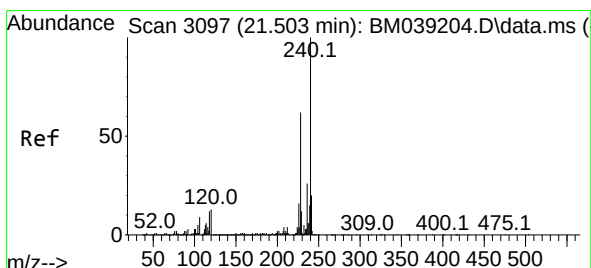
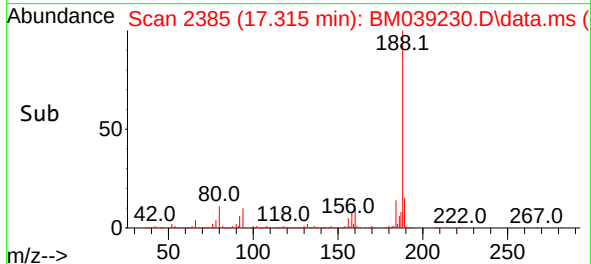
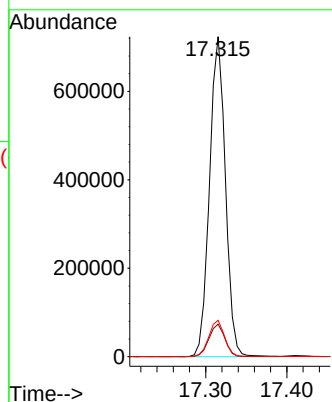
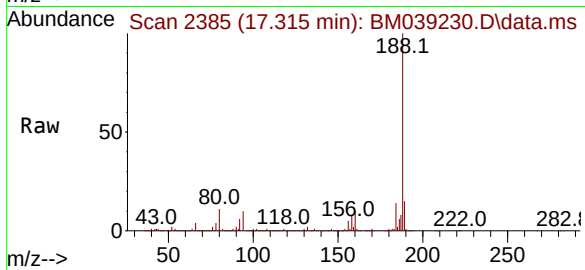
Tgt Ion:188 Resp: 982666

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

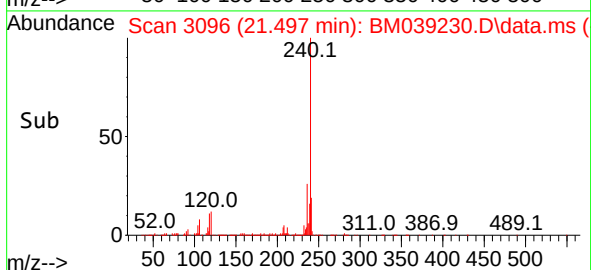
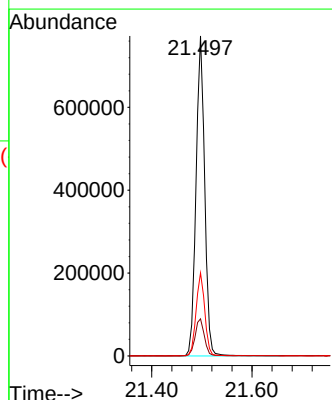
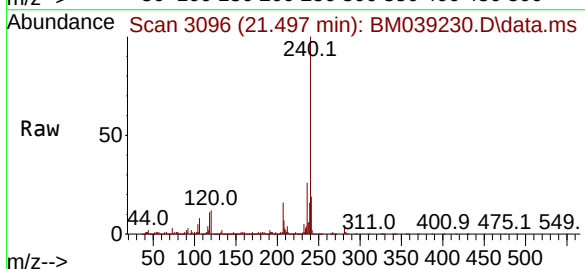
Tgt Ion:240 Resp: 923387

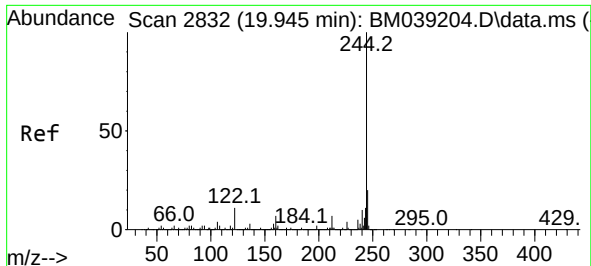
Ion Ratio Lower Upper

240 100

120 11.6 10.2 15.2

236 25.9 20.9 31.3

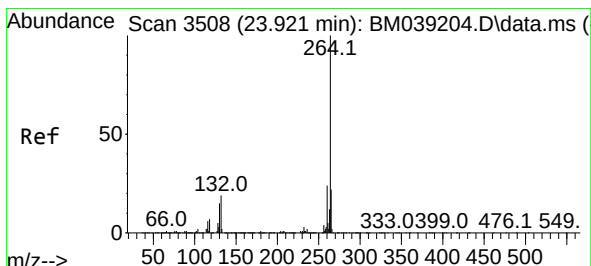
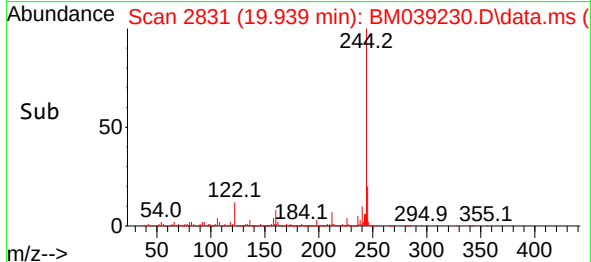
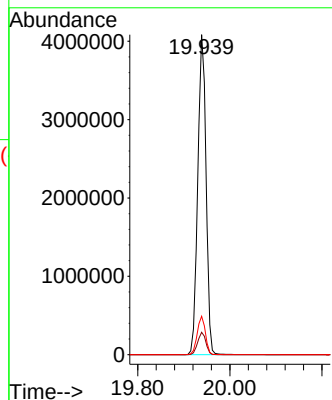
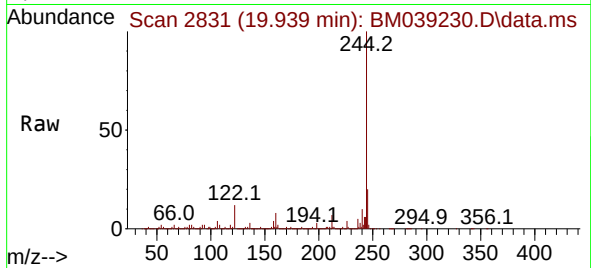




#79
 Terphenyl-d14
 Concen: 101.522 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039230.D
 Acq: 30 Mar 2023 17:19

Instrument :
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 WV-SOIL2-0327

Tgt Ion: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

