

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039074.D
 Acq On : 21 Mar 2023 18:19
 Operator : CG/JU
 Sample : 02018-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAHMER-ROCKY-SOIL

Quant Time: Mar 22 03:42:40 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 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	291412	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1149243	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	659774	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1309671	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1096309	20.000	ng	0.00
86) Perylene-d12	23.962	264	1170578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2755741	143.672	ng	0.00
7) Phenol-d6	7.128	99	3273152	131.378	ng	0.00
23) Nitrobenzene-d5	9.133	82	2263594	96.751	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1237533	162.139	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	4791229	94.536	ng	0.00
79) Terphenyl-d14	19.974	244	6550518	109.244	ng	0.00

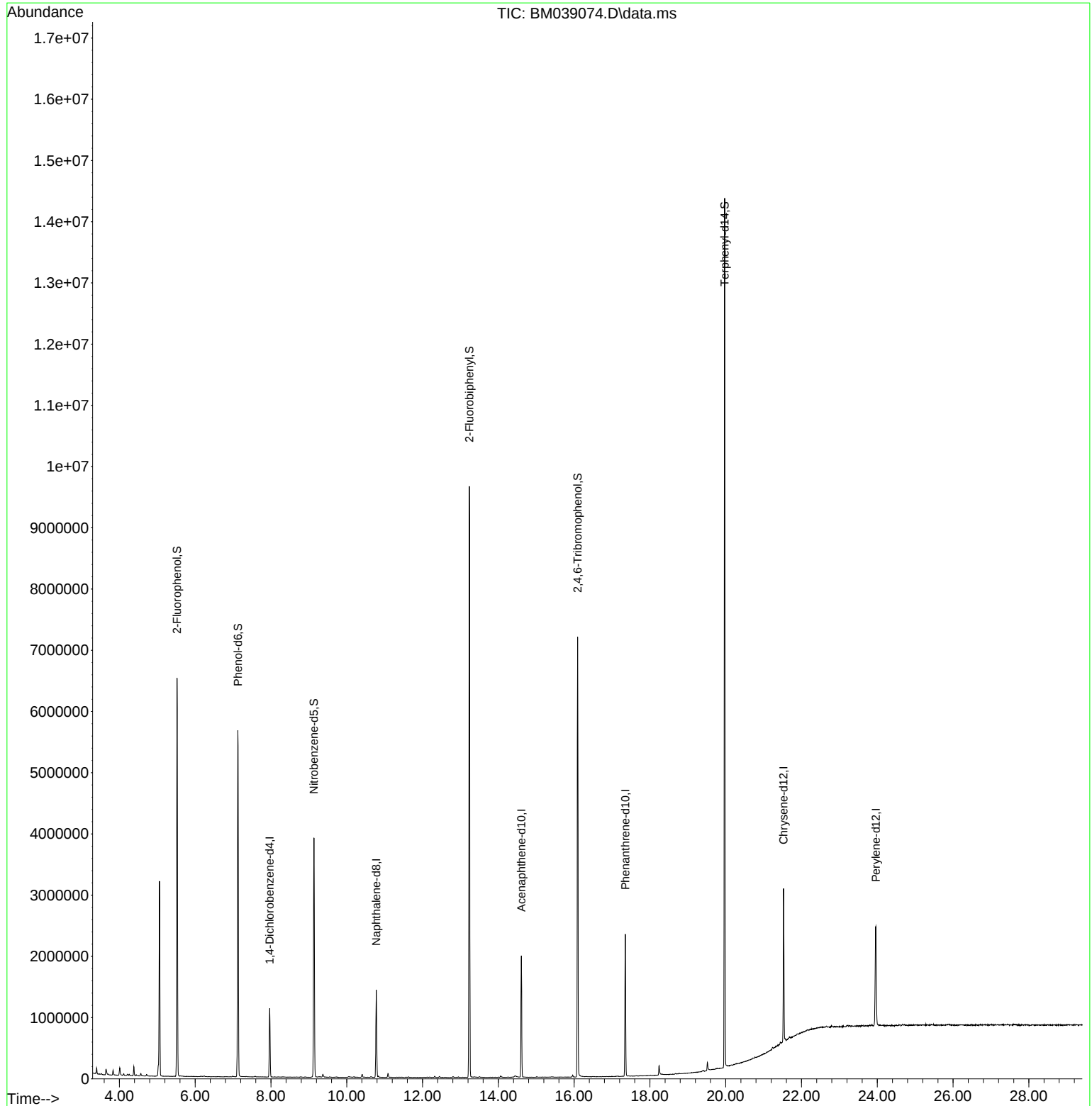
Target Compounds	Qvalue

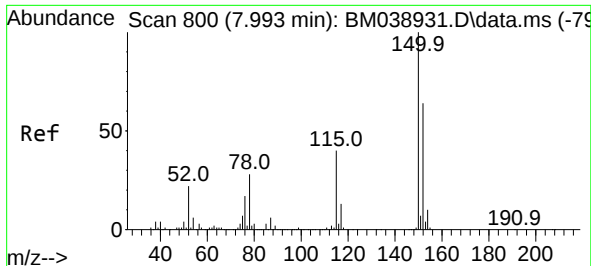
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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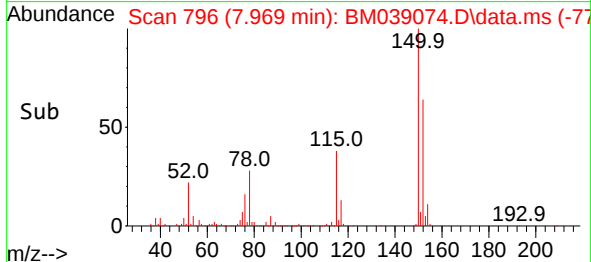
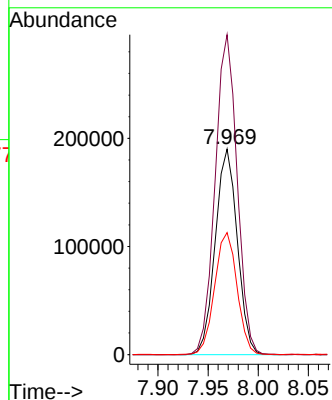
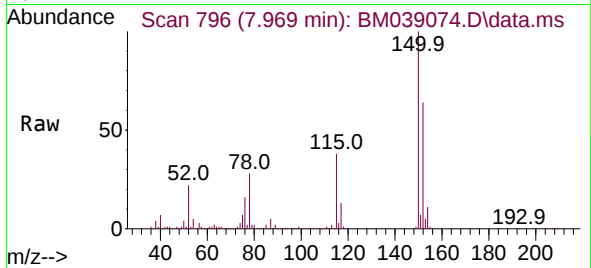




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039074.D
Acq: 21 Mar 2023 18:19

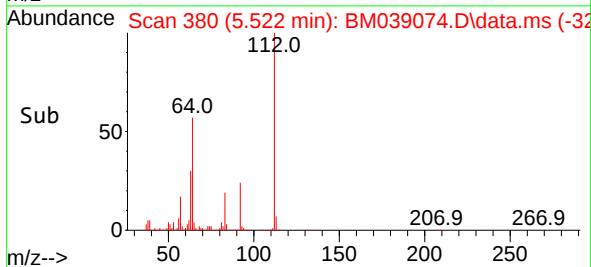
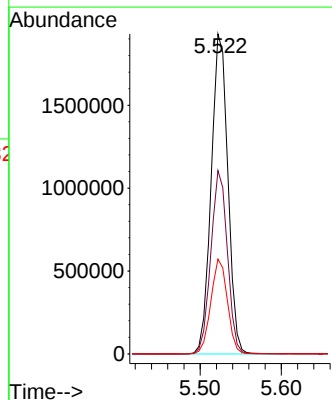
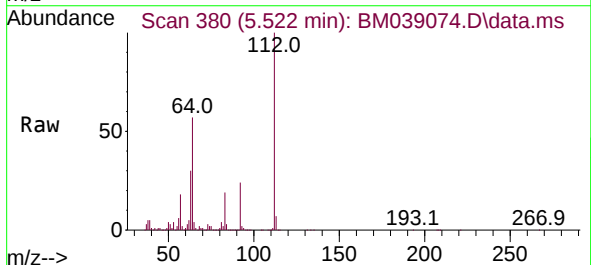
Instrument :
BNA_M
ClientSampleId :
DAHMER-ROCKY-SOIL

Tgt Ion:152 Resp: 291412
Ion Ratio Lower Upper
152 100
150 155.7 125.1 187.7
115 59.4 49.6 74.4



#5
2-Fluorophenol
Concen: 143.672 ng
RT: 5.522 min Scan# 380
Delta R.T. -0.000 min
Lab File: BM039074.D
Acq: 21 Mar 2023 18:19

Tgt Ion:112 Resp: 2755741
Ion Ratio Lower Upper
112 100
64 57.3 45.9 68.9
63 29.6 23.8 35.8

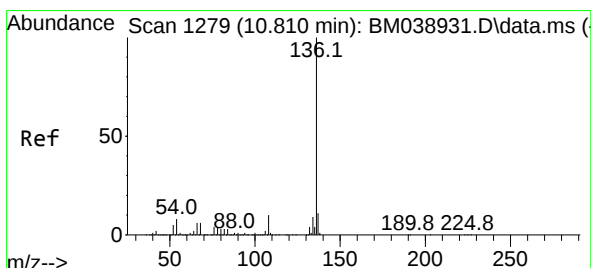
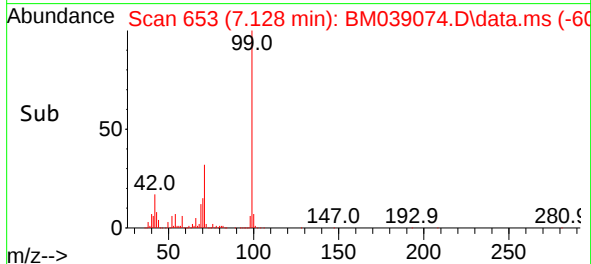
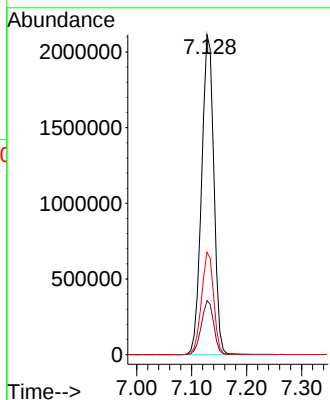
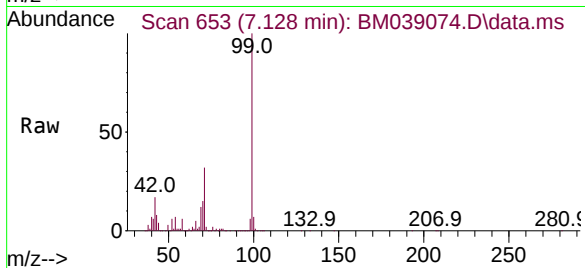




#7
Phenol-d6
Concen: 131.378 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039074.D
Acq: 21 Mar 2023 18:19

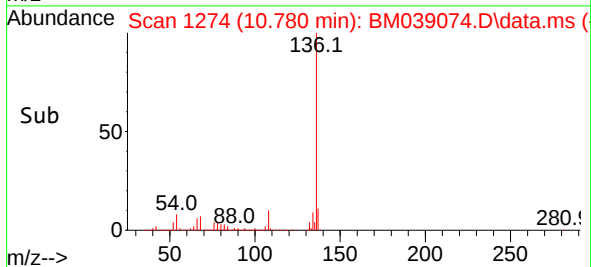
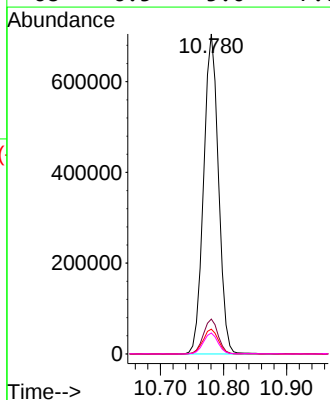
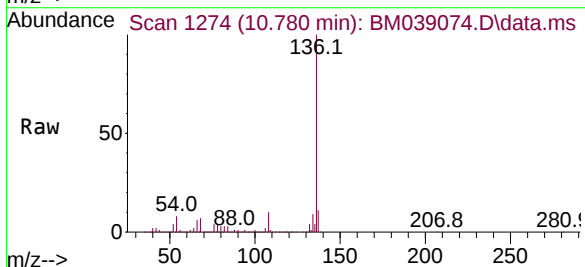
Instrument :
BNA_M
ClientSampleId :
DAHMER-ROCKY-SOIL

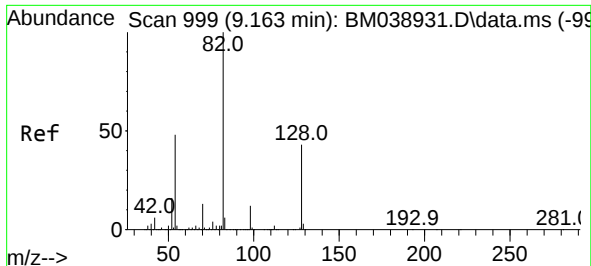
Tgt Ion: 99 Resp: 3273152
Ion Ratio Lower Upper
99 100
42 16.9 13.5 20.3
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM039074.D
Acq: 21 Mar 2023 18:19

Tgt Ion: 136 Resp: 1149243
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.7 6.3 9.5
68 6.5 5.0 7.6



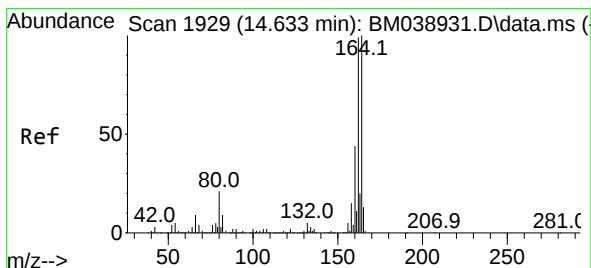
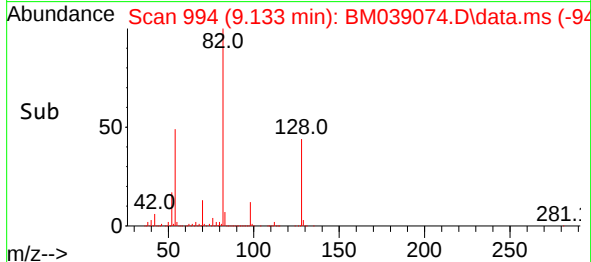
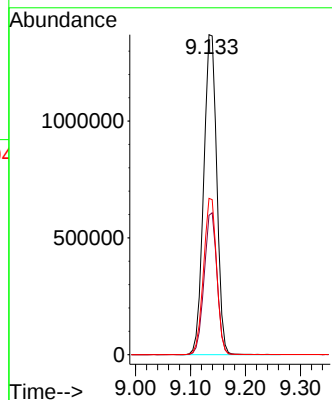
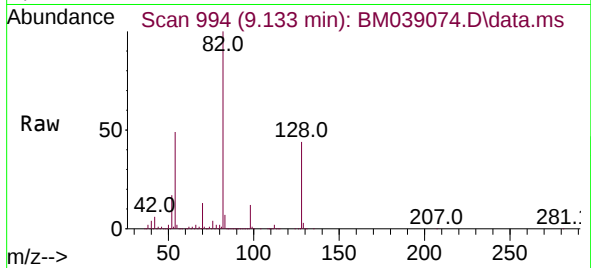


#23
Nitrobenzene-d5
Concen: 96.751 ng
RT: 9.133 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM039074.D
Acq: 21 Mar 2023 18:19

Instrument :
BNA_M
ClientSampleId :
DAHMER-ROCKY-SOIL

Tgt Ion: 82 Resp: 2263594

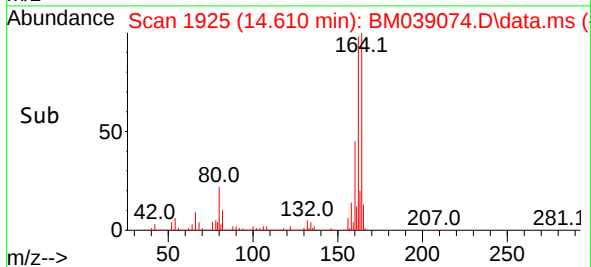
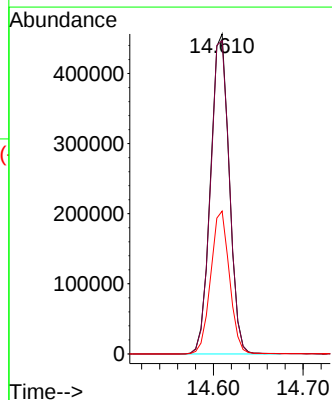
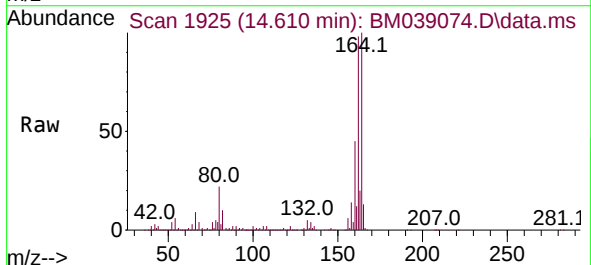
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.4	51.6
54	48.8	38.8	58.2

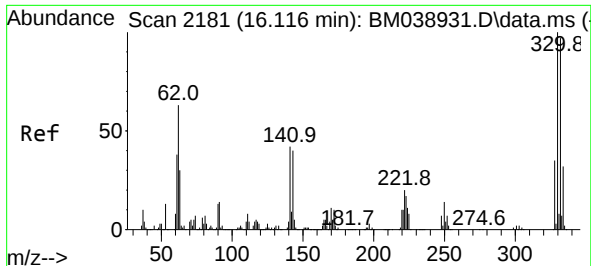


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM039074.D
Acq: 21 Mar 2023 18:19

Tgt Ion: 164 Resp: 659774

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.2	118.8
160	44.6	35.5	53.3

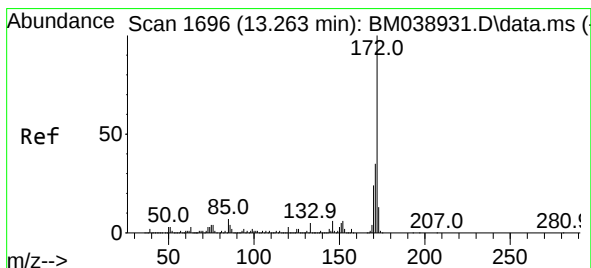
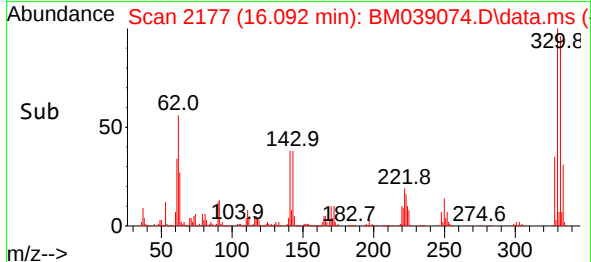
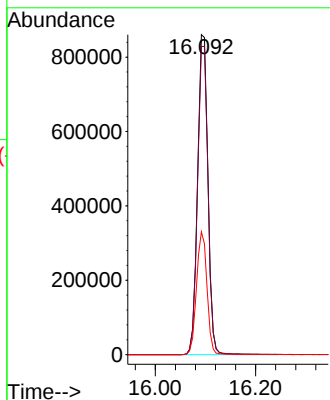
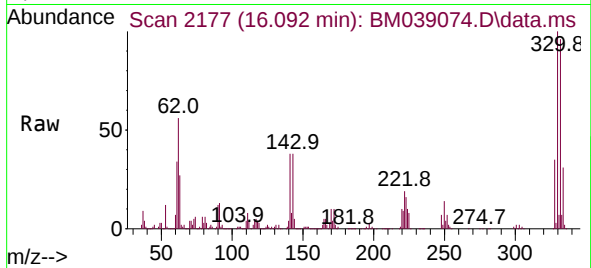




#42
2,4,6-Tribromophenol
Concen: 162.139 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039074.D
Acq: 21 Mar 2023 18:19

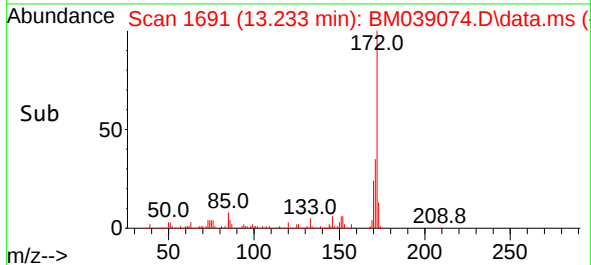
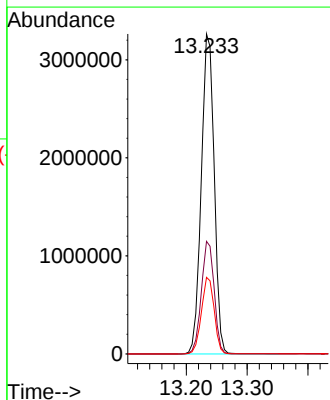
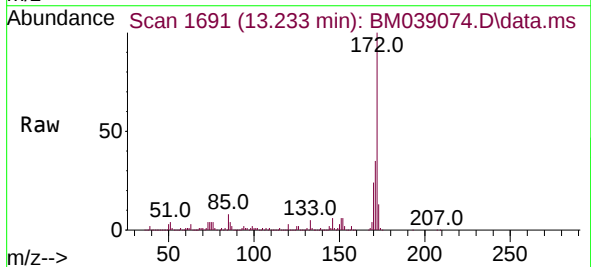
Instrument :
BNA_M
ClientSampleId :
DAHMER-ROCKY-SOIL

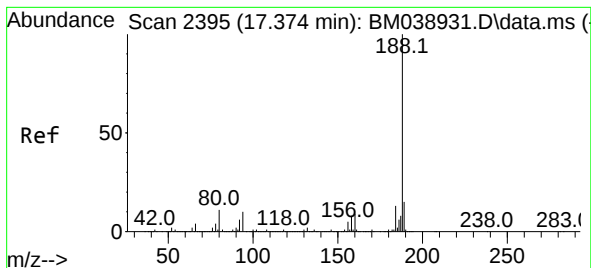
Tgt Ion:330 Resp: 1237533
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 38.6 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 94.536 ng
RT: 13.233 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM039074.D
Acq: 21 Mar 2023 18:19

Tgt Ion:172 Resp: 4791229
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2391

Delta R.T. -0.000 min

Lab File: BM039074.D

Acq: 21 Mar 2023 18:19

Instrument :

BNA_M

ClientSampleId :

DAHMER-ROCKY-SOIL

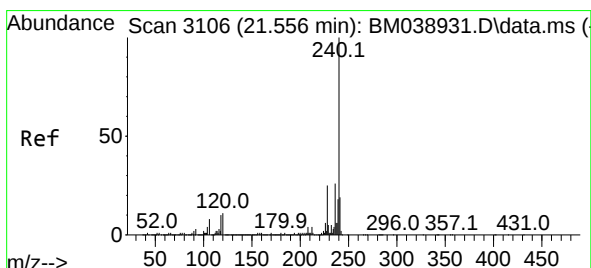
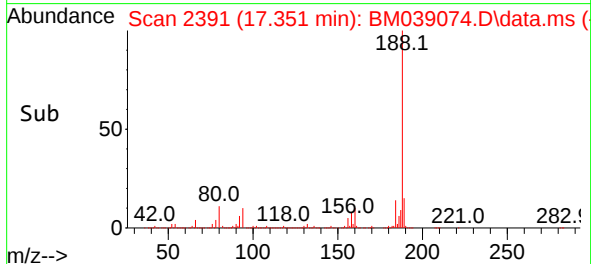
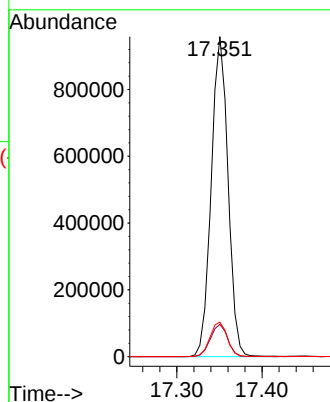
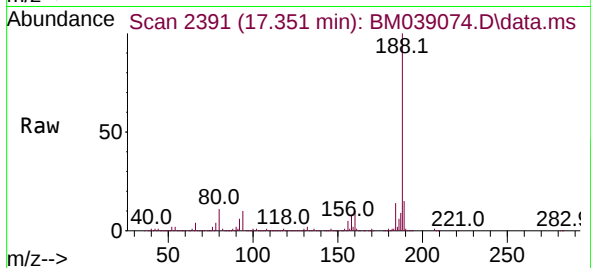
Tgt Ion:188 Resp: 1309671

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.8 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM039074.D

Acq: 21 Mar 2023 18:19

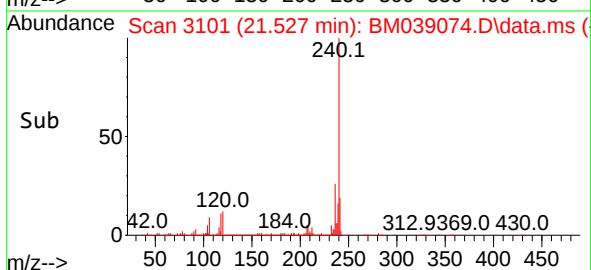
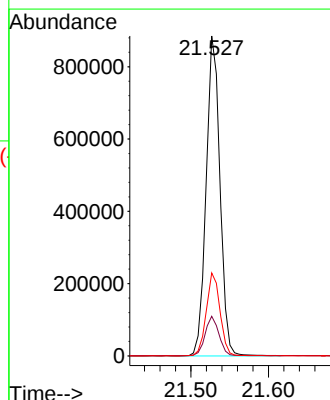
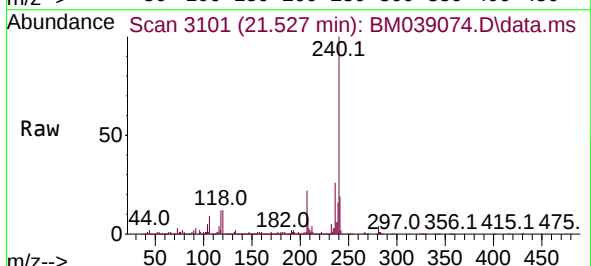
Tgt Ion:240 Resp: 1096309

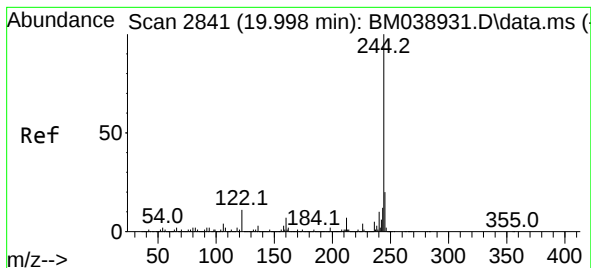
Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 109.244 ng

RT: 19.974 min Scan# 2841

Delta R.T. 0.006 min

Lab File: BM039074.D

Acq: 21 Mar 2023 18:19

Instrument :

BNA_M

ClientSampleId :

DAHMER-ROCKY-SOIL

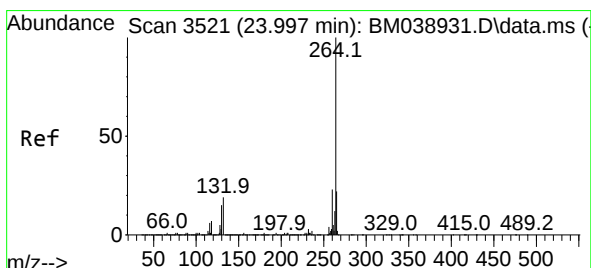
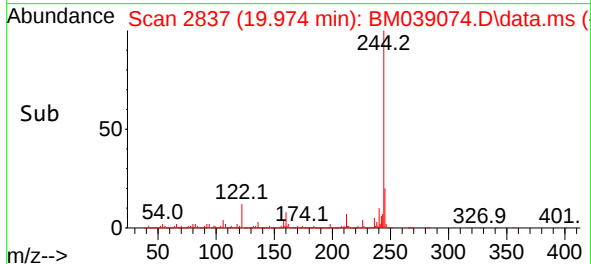
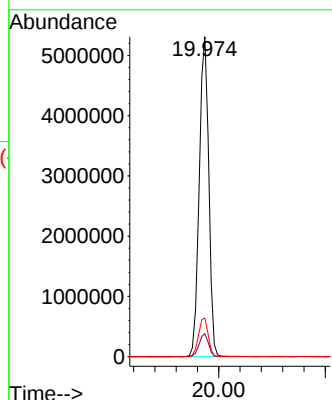
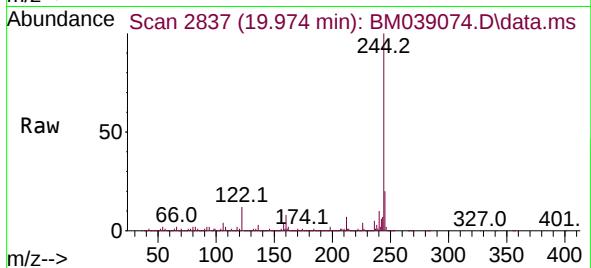
Tgt Ion:244 Resp: 6550518

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 3515

Delta R.T. -0.000 min

Lab File: BM039074.D

Acq: 21 Mar 2023 18:19

Tgt Ion:264 Resp: 1170578

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.3 17.9 26.9

