

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044787.D
 Acq On : 27 Mar 2024 19:56
 Operator : MA/JU
 Sample : P1869-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-1

Quant Time: Mar 28 01:01:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.686	152	158466	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	573267	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	298090	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	527331	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	482951	20.000	ng	-0.02
86) Perylene-d12	23.532	264	554651	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1426960	129.290	ng	0.00
7) Phenol-d6	6.869	99	1543426	108.699	ng	-0.01
23) Nitrobenzene-d5	8.845	82	1201110	100.938	ng	-0.02
42) 2,4,6-Tribromophenol	15.833	330	496082	150.885	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2172176	100.357	ng	-0.02
79) Terphenyl-d14	19.733	244	2635254	95.454	ng	-0.01

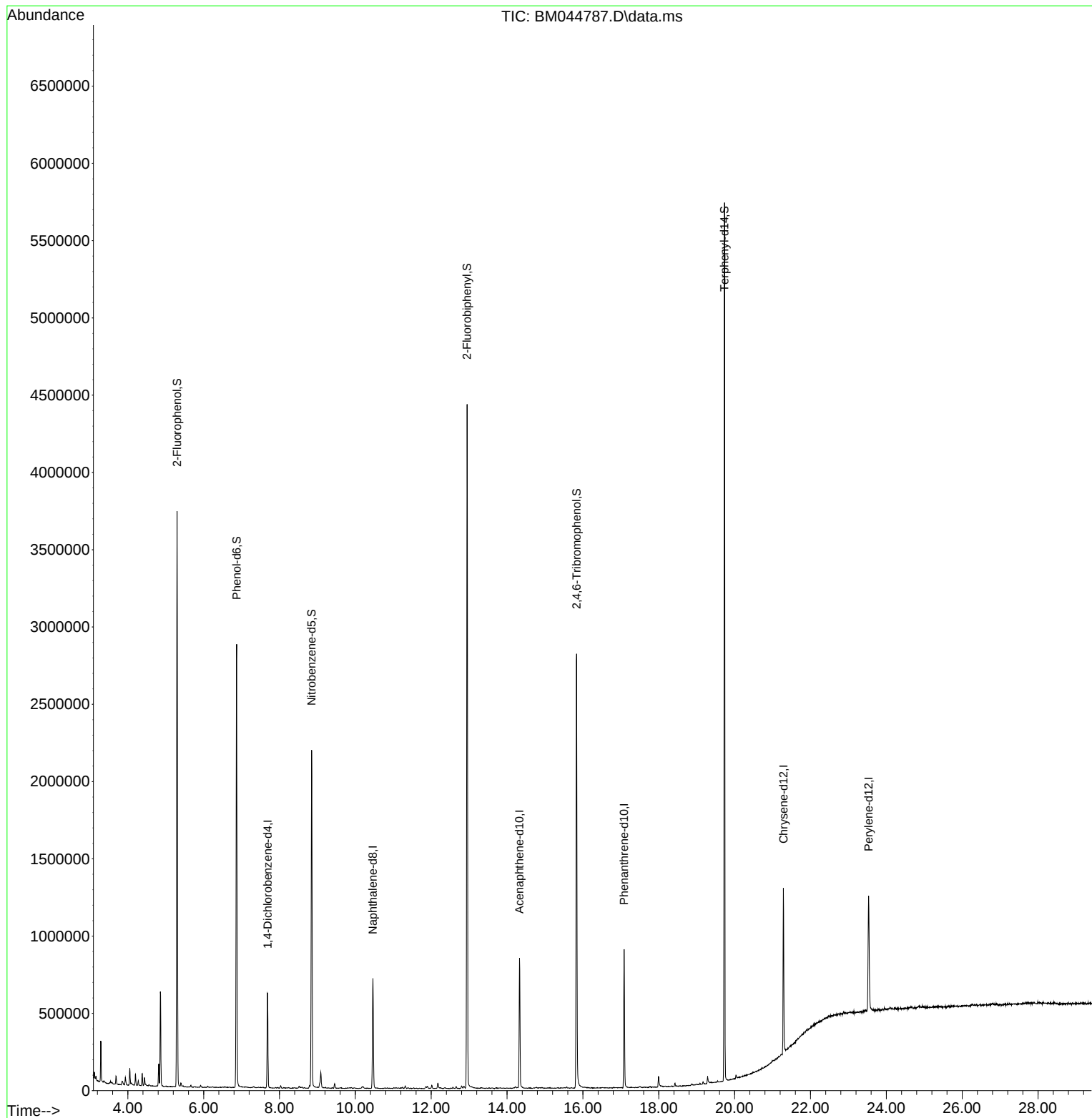
Target Compounds	Qvalue

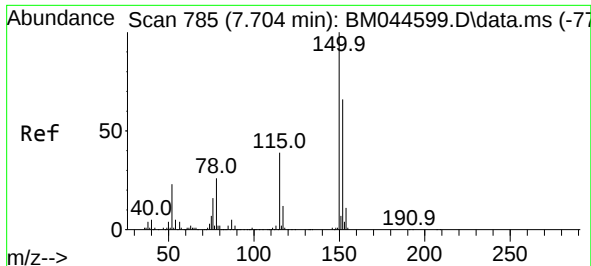
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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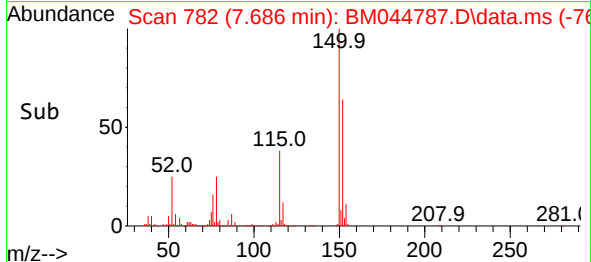
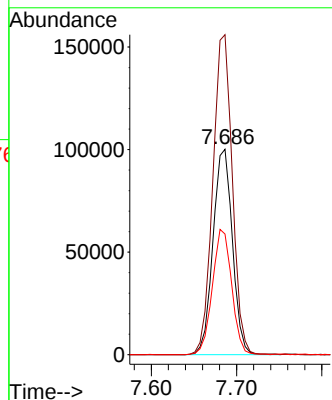
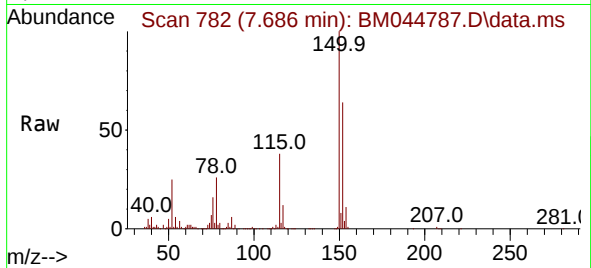




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.686 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044787.D
Acq: 27 Mar 2024 19:56

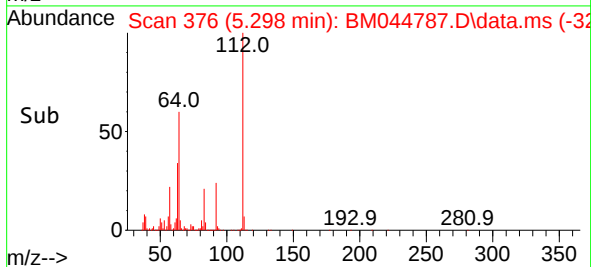
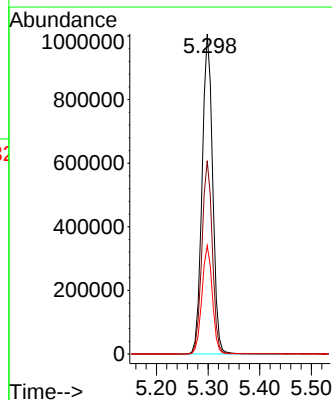
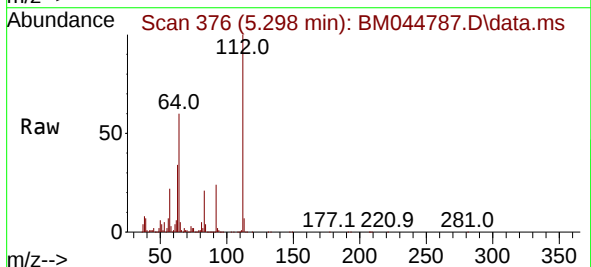
Instrument :
BNA_M
ClientSampleId :
SOIL-1

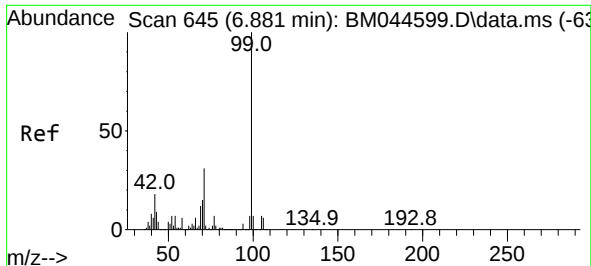
Tgt Ion:152 Resp: 158466
Ion Ratio Lower Upper
152 100
150 155.7 121.9 182.9
115 58.7 47.1 70.7



#5
2-Fluorophenol
Concen: 129.290 ng
RT: 5.298 min Scan# 376
Delta R.T. -0.006 min
Lab File: BM044787.D
Acq: 27 Mar 2024 19:56

Tgt Ion:112 Resp: 1426960
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 33.8 25.0 37.4

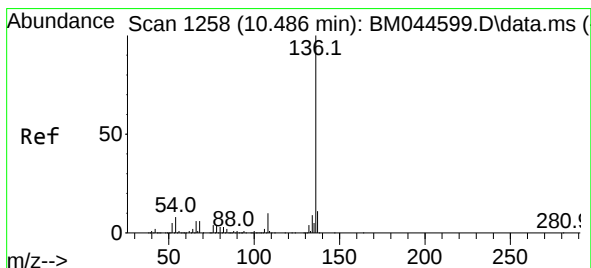
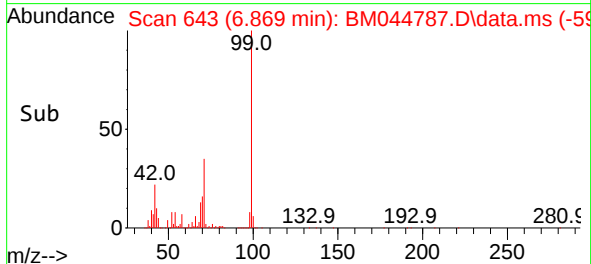
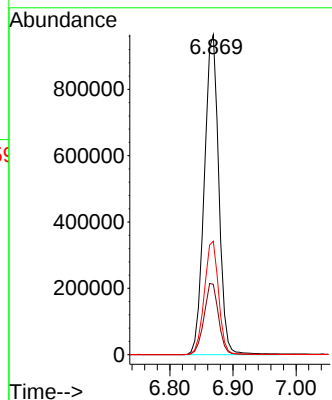
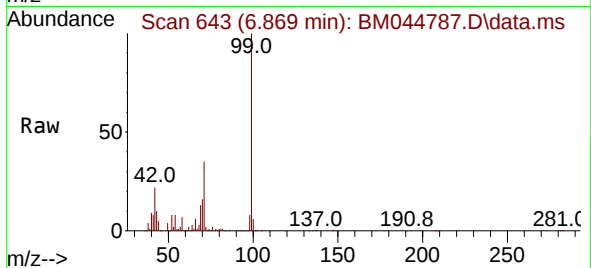




#7
Phenol-d6
Concen: 108.699 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044787.D
Acq: 27 Mar 2024 19:56

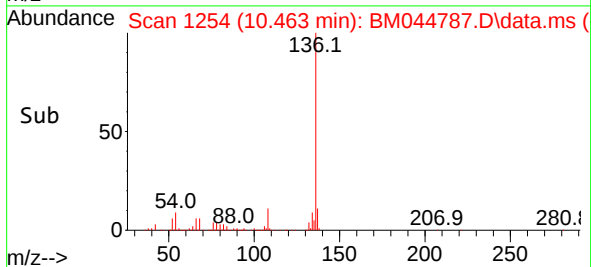
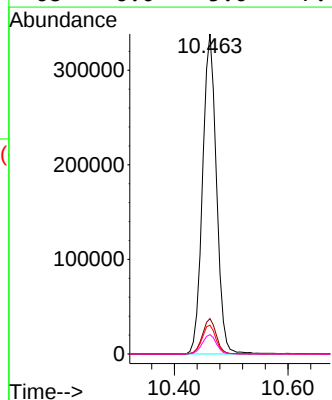
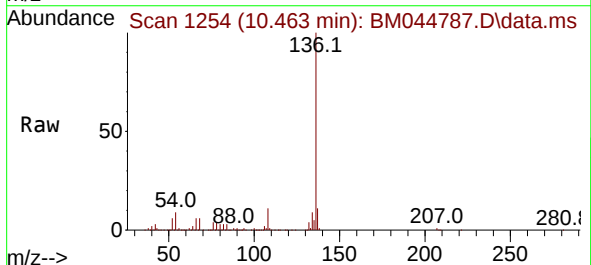
Instrument :
BNA_M
ClientSampleId :
SOIL-1

Tgt Ion: 99 Resp: 1543426
Ion Ratio Lower Upper
99 100
42 22.0 14.3 21.5#
71 35.4 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.024 min
Lab File: BM044787.D
Acq: 27 Mar 2024 19:56

Tgt Ion: 136 Resp: 573267
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.0 6.6 10.0
68 6.0 5.0 7.4

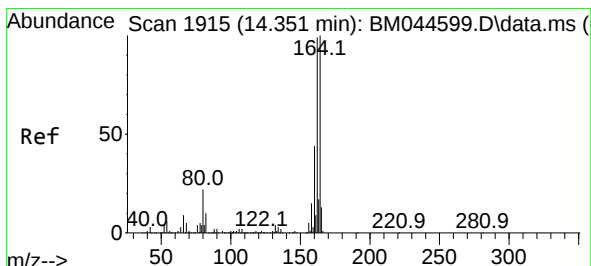
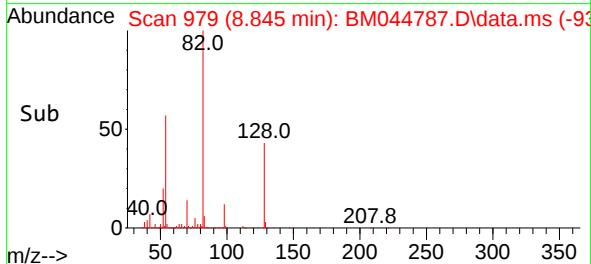
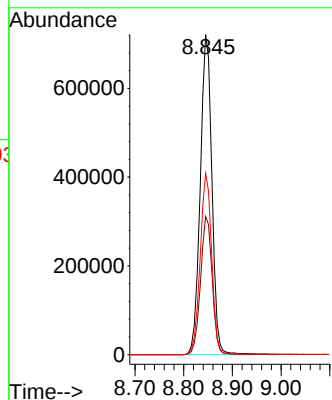
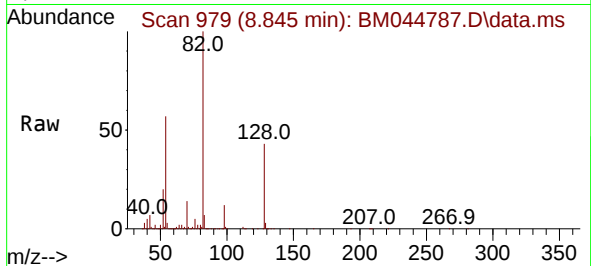




#23
Nitrobenzene-d5
Concen: 100.938 ng
RT: 8.845 min Scan# 911
Delta R.T. -0.018 min
Lab File: BM044787.D
Acq: 27 Mar 2024 19:56

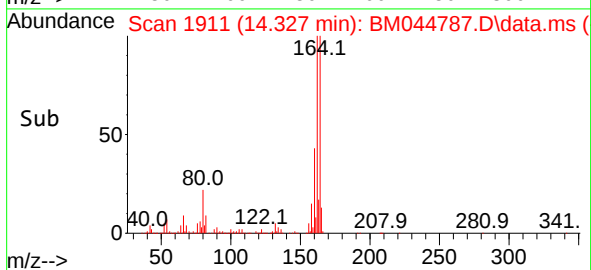
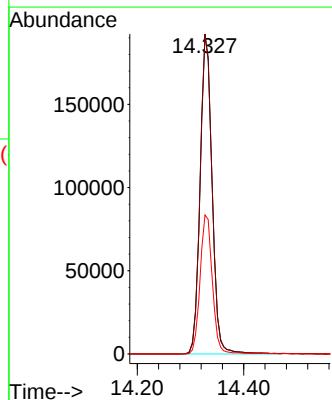
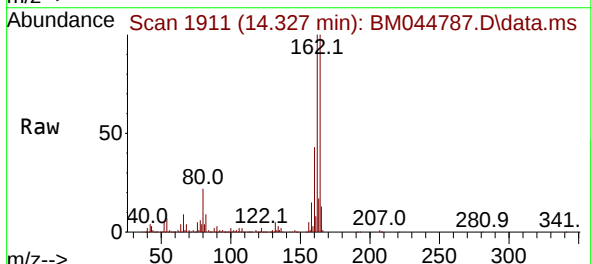
Instrument :
BNA_M
ClientSampleId :
SOIL-1

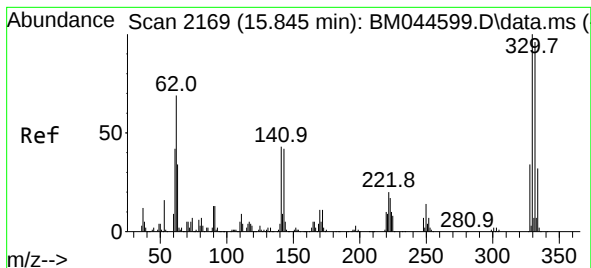
Tgt Ion: 82 Resp: 1201110
Ion Ratio Lower Upper
82 100
128 43.2 34.2 51.4
54 56.7 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.024 min
Lab File: BM044787.D
Acq: 27 Mar 2024 19:56

Tgt Ion: 164 Resp: 298090
Ion Ratio Lower Upper
164 100
162 100.4 79.3 118.9
160 43.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 150.885 ng

RT: 15.833 min Scan# 2167

Delta R.T. -0.012 min

Lab File: BM044787.D

Acq: 27 Mar 2024 19:56

Instrument :

BNA_M

ClientSampleId :

SOIL-1

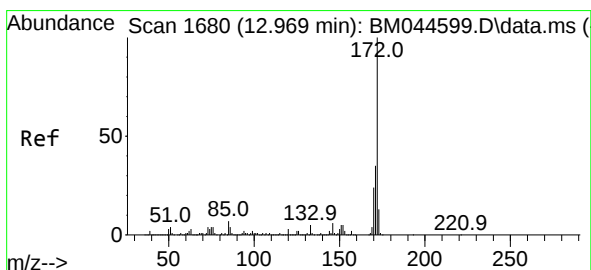
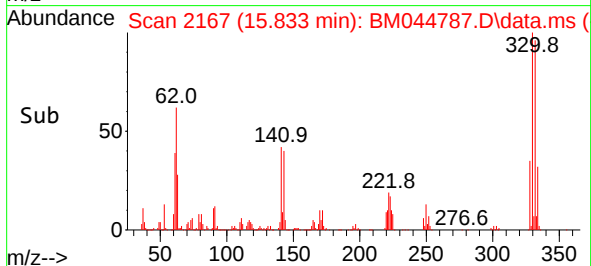
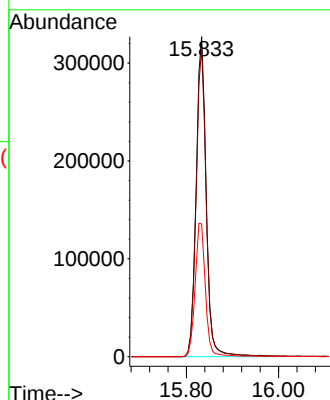
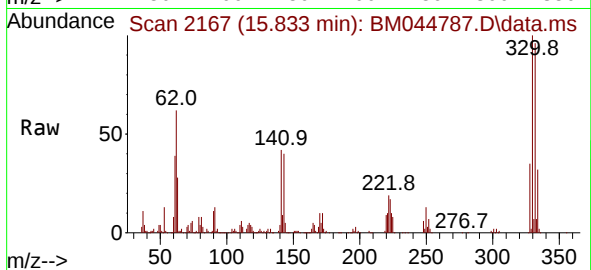
Tgt Ion:330 Resp: 496082

Ion Ratio Lower Upper

330 100

332 96.1 77.8 116.8

141 42.5 33.4 50.0



#45

2-Fluorobiphenyl

Concen: 100.357 ng

RT: 12.945 min Scan# 1676

Delta R.T. -0.024 min

Lab File: BM044787.D

Acq: 27 Mar 2024 19:56

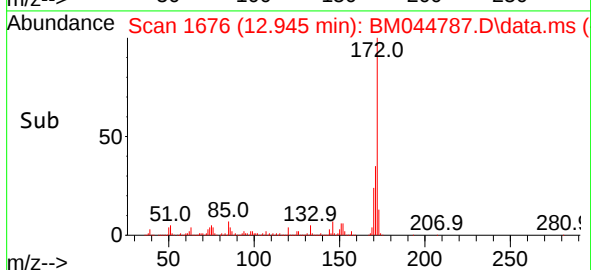
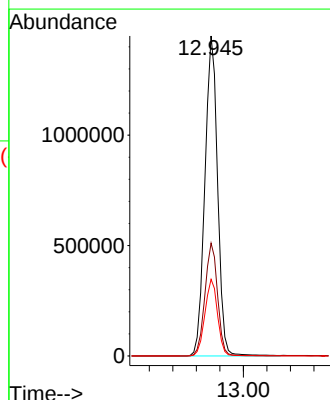
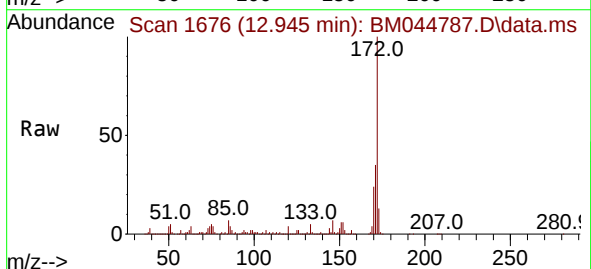
Tgt Ion:172 Resp: 2172176

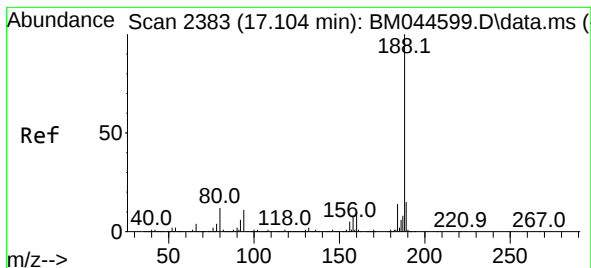
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044787.D

Acq: 27 Mar 2024 19:56

Instrument :

BNA_M

ClientSampleId :

SOIL-1

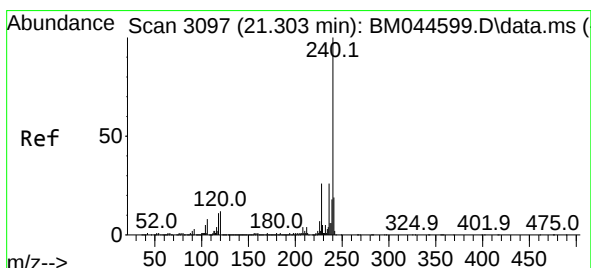
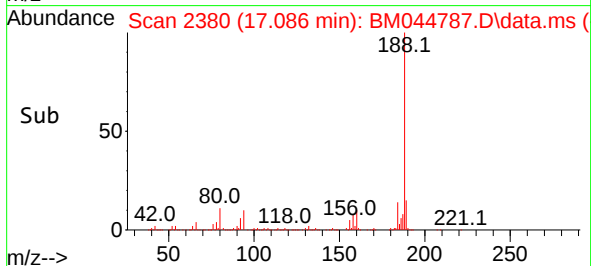
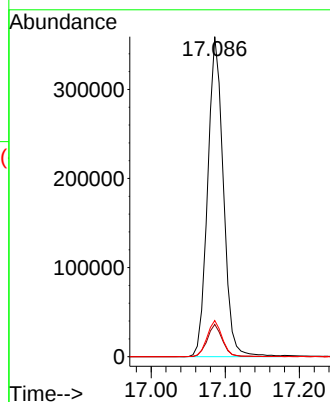
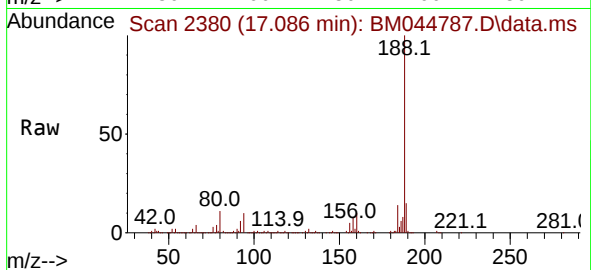
Tgt Ion:188 Resp: 527331

Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

80 11.3 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3094

Delta R.T. -0.018 min

Lab File: BM044787.D

Acq: 27 Mar 2024 19:56

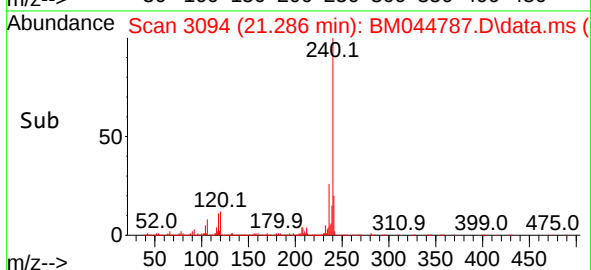
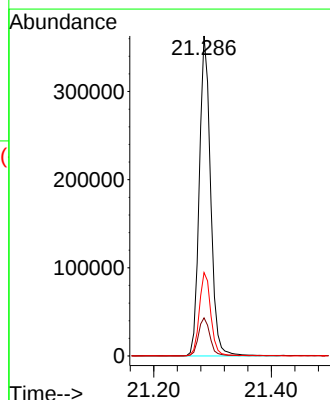
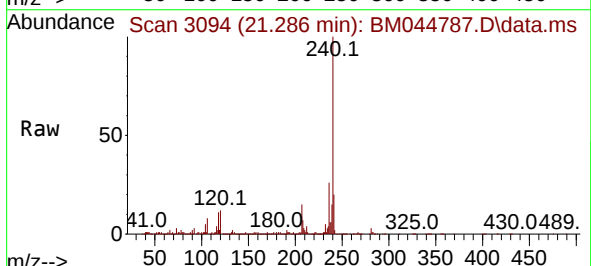
Tgt Ion:240 Resp: 482951

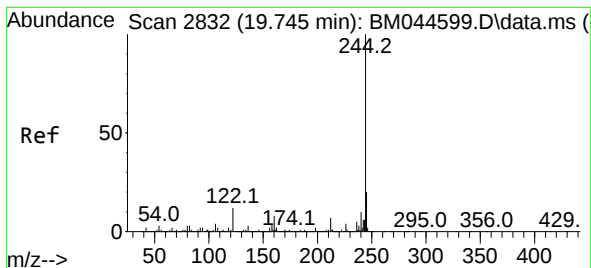
Ion Ratio Lower Upper

240 100

120 11.9 9.7 14.5

236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 95.454 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044787.D

Acq: 27 Mar 2024 19:56

Instrument :

BNA_M

ClientSampleId :

SOIL-1

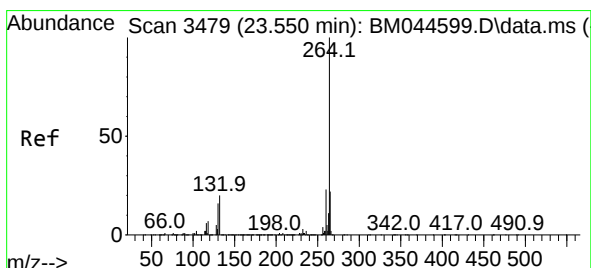
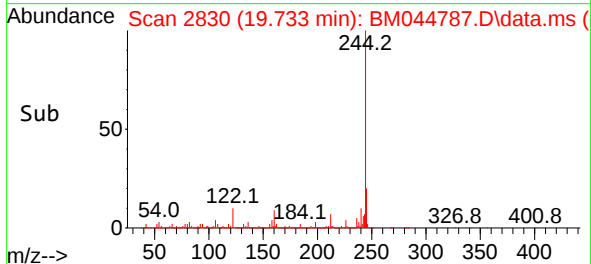
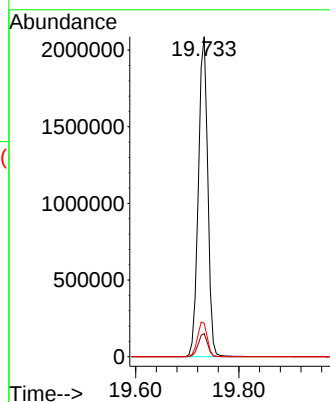
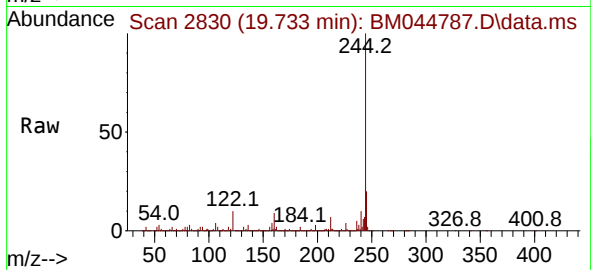
Tgt Ion:244 Resp: 2635254

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.4 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.532 min Scan# 3476

Delta R.T. -0.018 min

Lab File: BM044787.D

Acq: 27 Mar 2024 19:56

Tgt Ion:264 Resp: 554651

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.8 17.5 26.3

