

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044793.D
 Acq On : 27 Mar 2024 23:34
 Operator : MA/JU
 Sample : P1869-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-1

Quant Time: Mar 28 01:03:24 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	7.681	152	190724	20.000	ng	-0.02
21) Naphthalene-d8	10.457	136	728711	20.000	ng	-0.03
39) Acenaphthene-d10	14.327	164	380845	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	652567	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	481428	20.000	ng	-0.02
86) Perylene-d12	23.527	264	601338	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	790162	59.484	ng	-0.01
7) Phenol-d6	6.863	99	1031518	60.360	ng	-0.02
23) Nitrobenzene-d5	8.839	82	672631	44.468	ng	-0.02
42) 2,4,6-Tribromophenol	15.827	330	226982	54.036	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	1159321	41.924	ng	-0.02
79) Terphenyl-d14	19.727	244	1102169	40.049	ng	-0.02

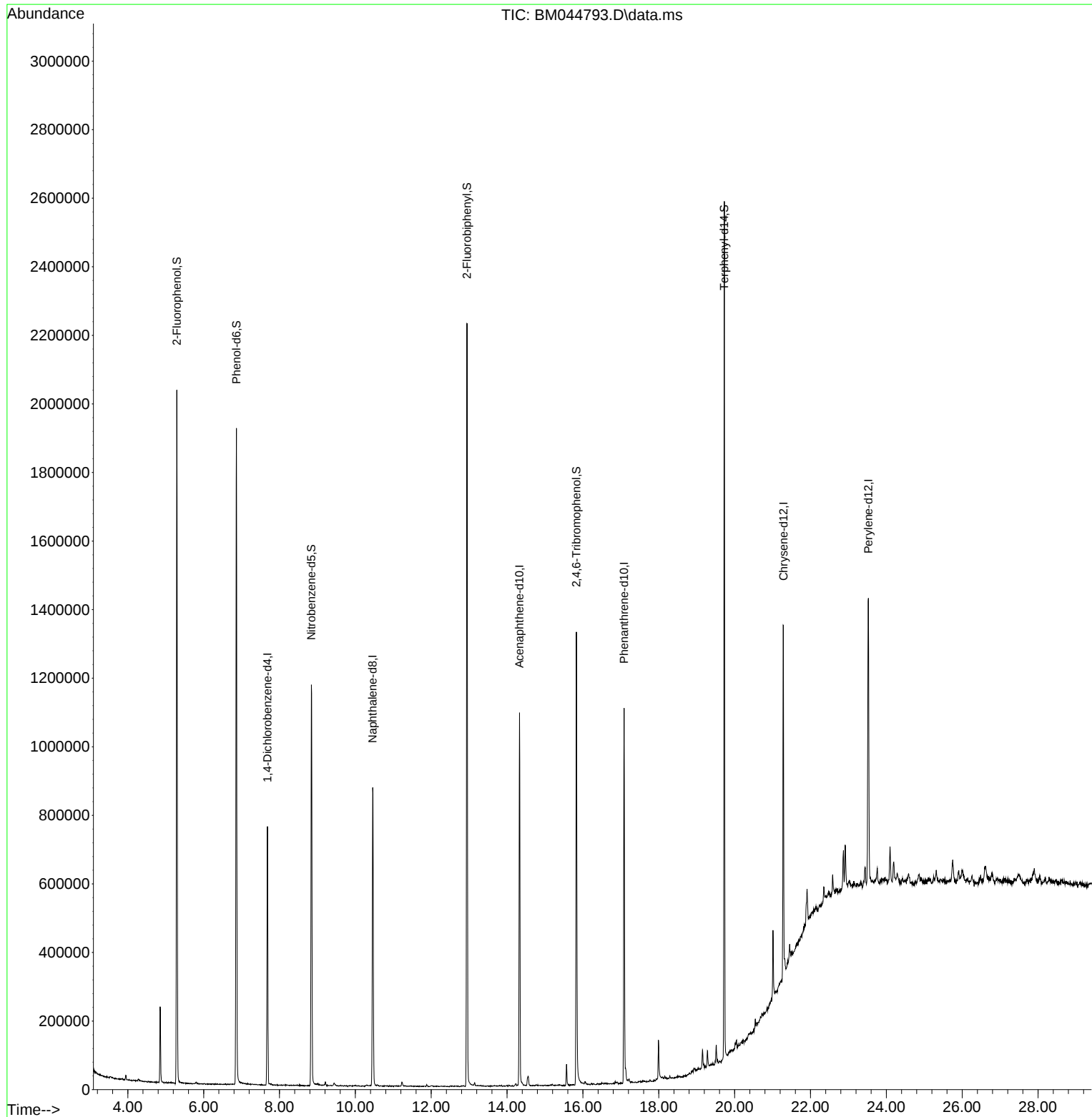
Target Compounds	Qvalue

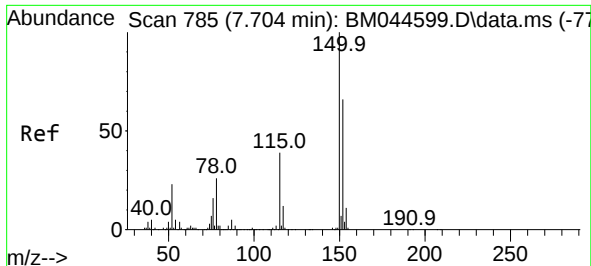
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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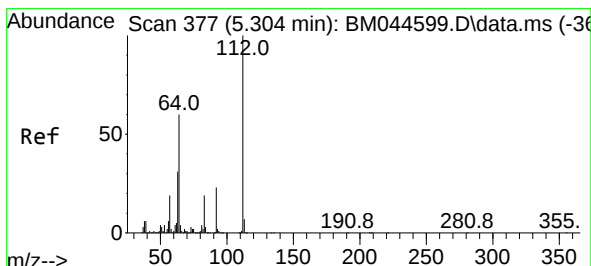
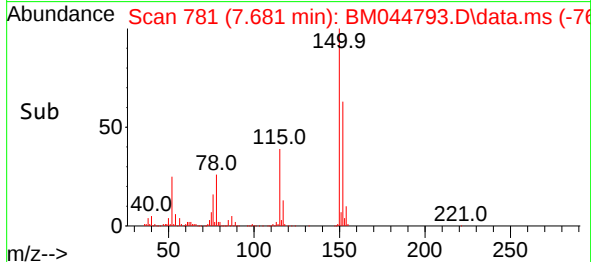
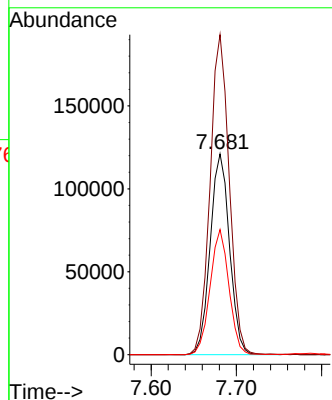
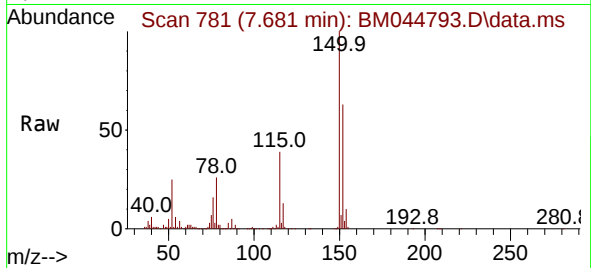




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.681 min Scan# 71
Delta R.T. -0.023 min
Lab File: BM044793.D
Acq: 27 Mar 2024 23:34

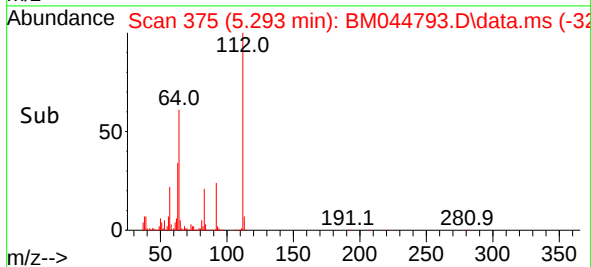
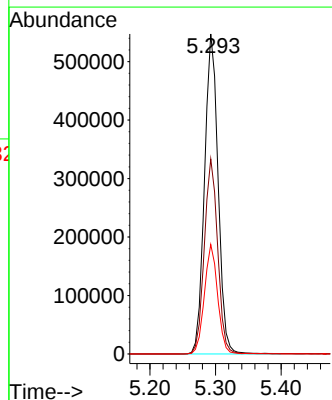
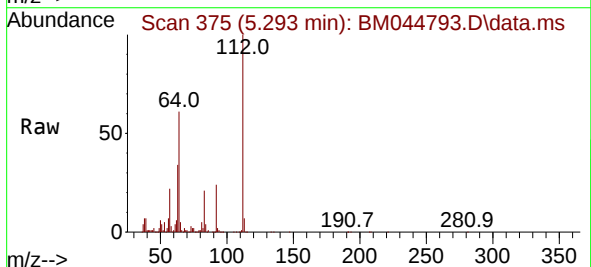
Instrument :
BNA_M
ClientSampleId :
SOIL-1

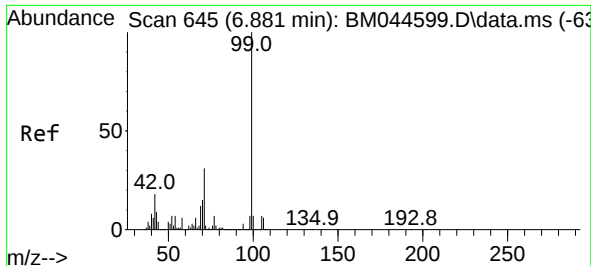
Tgt Ion:152 Resp: 190724
Ion Ratio Lower Upper
152 100
150 159.3 121.9 182.9
115 62.3 47.1 70.7



#5
2-Fluorophenol
Concen: 59.484 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.012 min
Lab File: BM044793.D
Acq: 27 Mar 2024 23:34

Tgt Ion:112 Resp: 790162
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 34.2 25.0 37.4

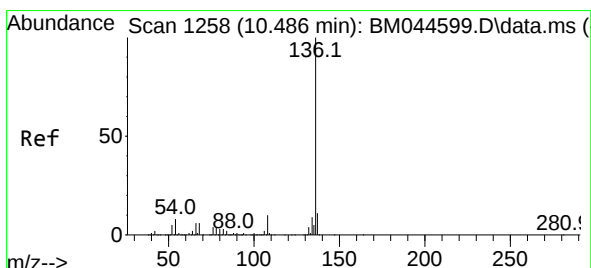
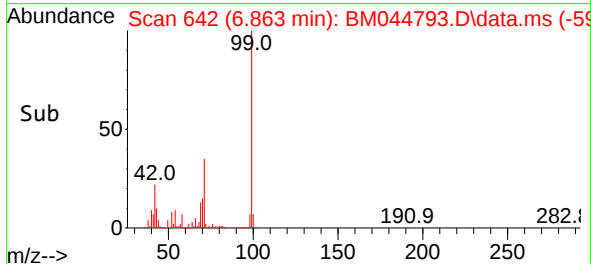
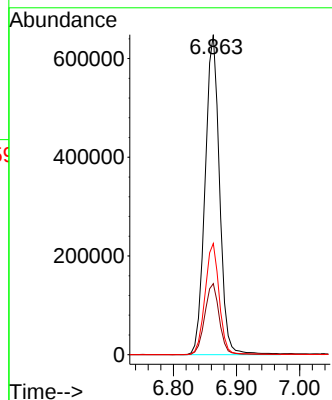
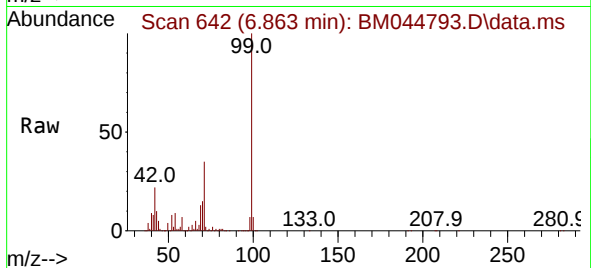




#7
Phenol-d6
Concen: 60.360 ng
RT: 6.863 min Scan# 645
Delta R.T. -0.018 min
Lab File: BM044793.D
Acq: 27 Mar 2024 23:34

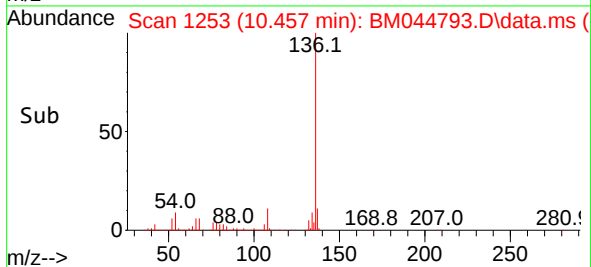
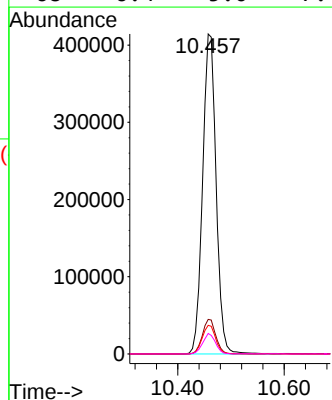
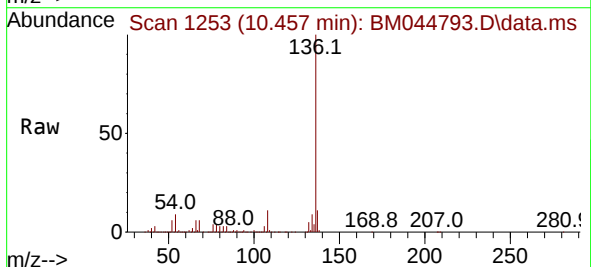
Instrument :
BNA_M
ClientSampleId :
SOIL-1

Tgt Ion: 99 Resp: 1031518
Ion Ratio Lower Upper
99 100
42 22.2 14.3 21.5#
71 34.8 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.457 min Scan# 1253
Delta R.T. -0.029 min
Lab File: BM044793.D
Acq: 27 Mar 2024 23:34

Tgt Ion: 136 Resp: 728711
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.0 6.6 10.0
68 6.4 5.0 7.4

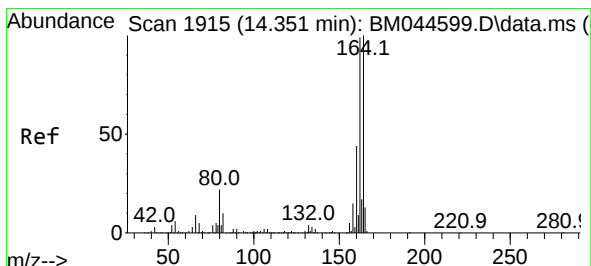
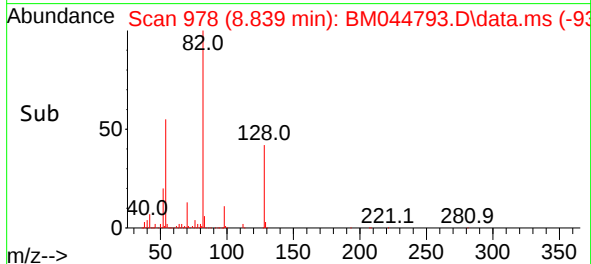
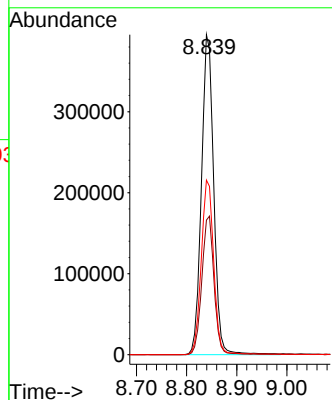
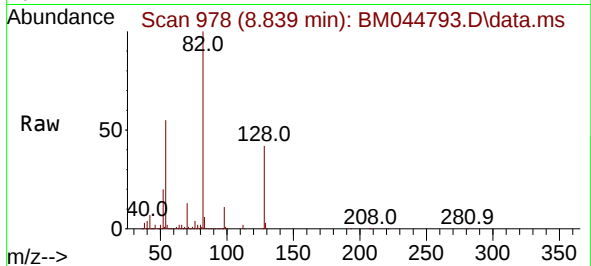




#23
Nitrobenzene-d5
Concen: 44.468 ng
RT: 8.839 min Scan# 91
Delta R.T. -0.023 min
Lab File: BM044793.D
Acq: 27 Mar 2024 23:34

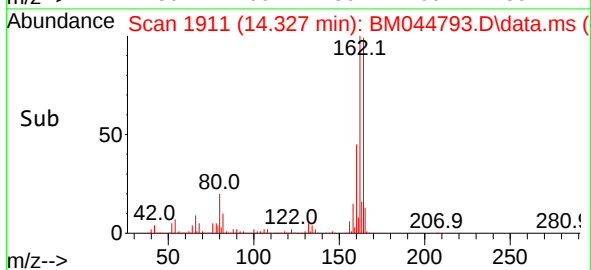
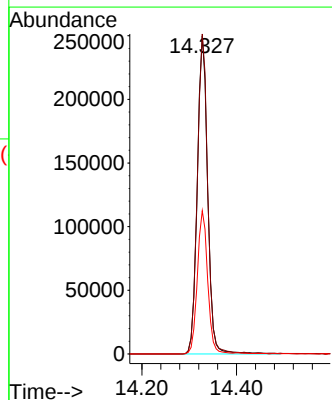
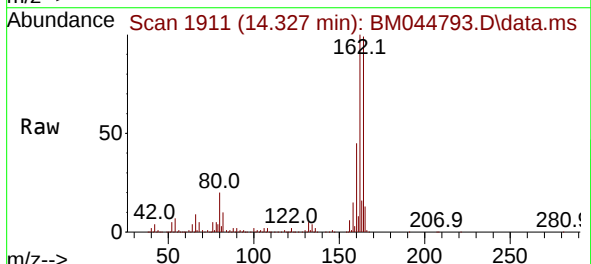
Instrument :
BNA_M
ClientSampleId :
SOIL-1

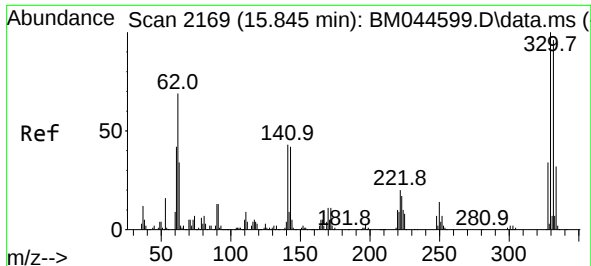
Tgt Ion: 82 Resp: 672631
Ion Ratio Lower Upper
82 100
128 42.1 34.2 51.4
54 54.6 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044793.D
Acq: 27 Mar 2024 23:34

Tgt Ion:164 Resp: 380845
Ion Ratio Lower Upper
164 100
162 100.6 79.3 118.9
160 45.0 35.2 52.8

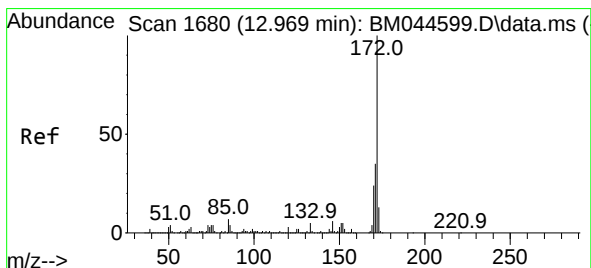
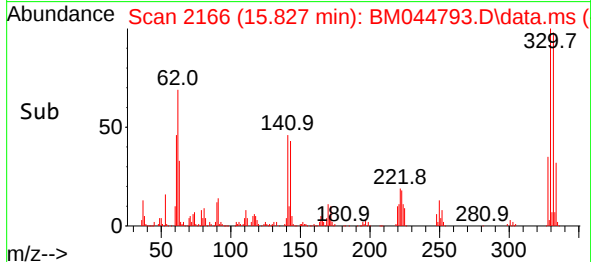
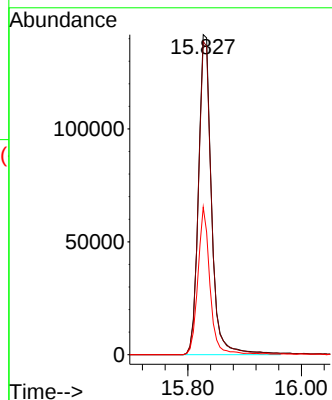
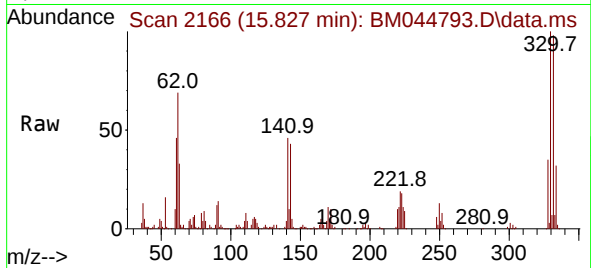




#42
2,4,6-Tribromophenol
Concen: 54.036 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BM044793.D
Acq: 27 Mar 2024 23:34

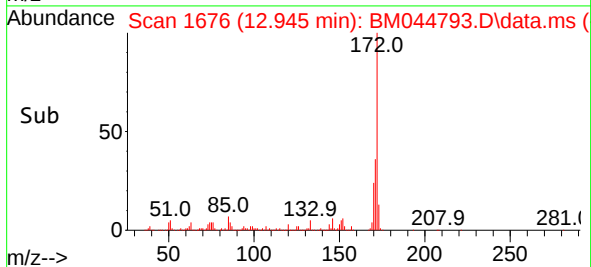
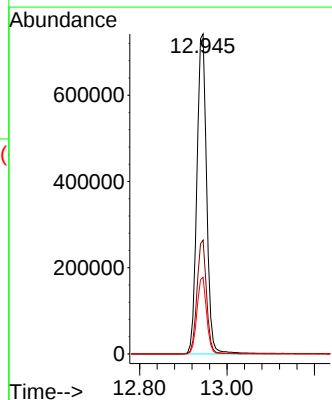
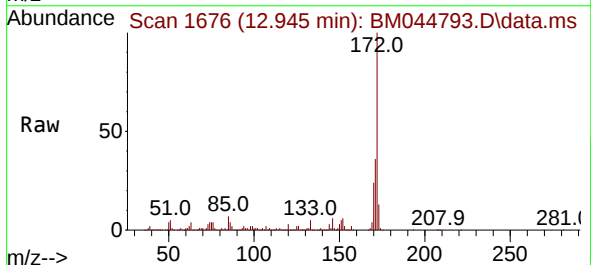
Instrument :
BNA_M
ClientSampleId :
SOIL-1

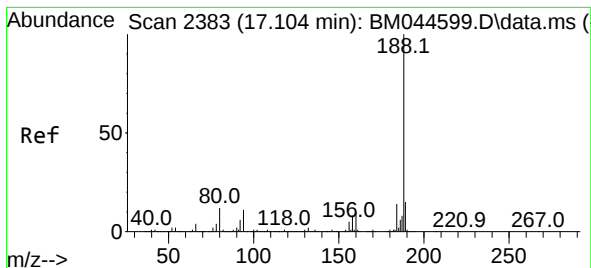
Tgt Ion:330 Resp: 226982
Ion Ratio Lower Upper
330 100
332 98.4 77.8 116.8
141 42.8 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 41.924 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044793.D
Acq: 27 Mar 2024 23:34

Tgt Ion:172 Resp: 1159321
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 24.0 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: BM044793.D

Acq: 27 Mar 2024 23:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1

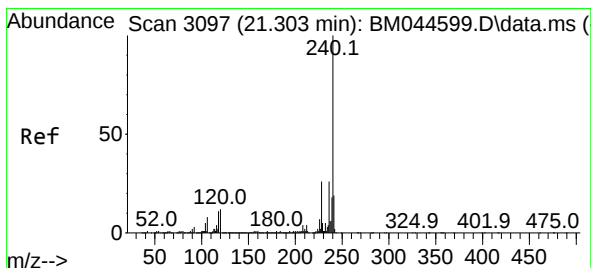
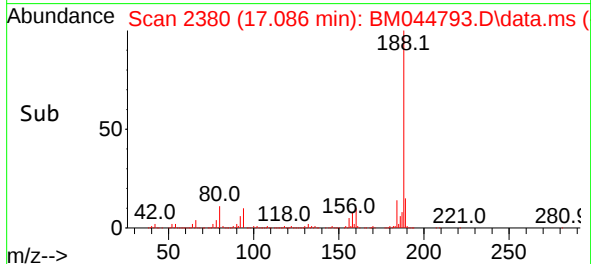
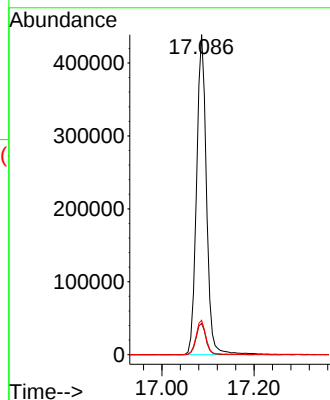
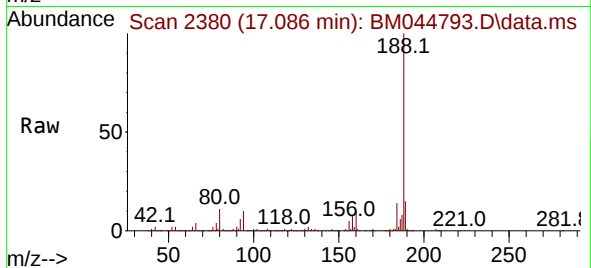
Tgt Ion:188 Resp: 652567

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

80 10.7 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: BM044793.D

Acq: 27 Mar 2024 23:34

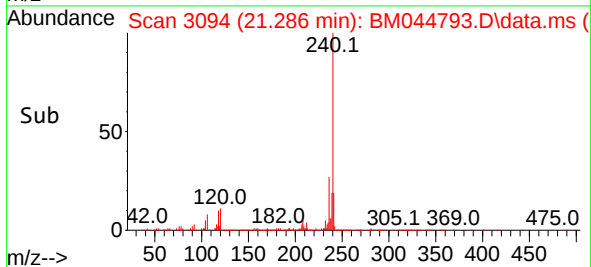
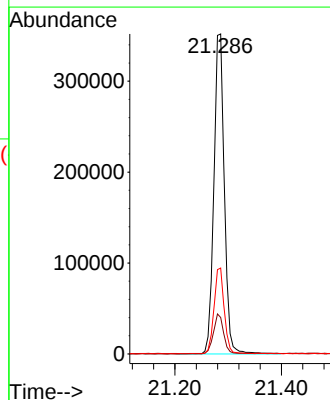
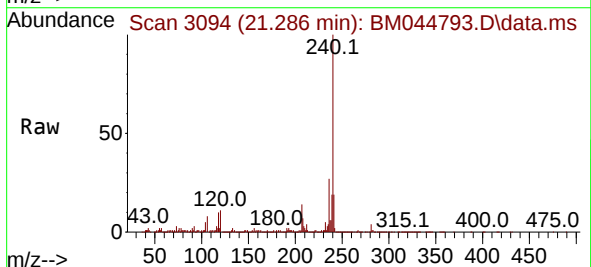
Tgt Ion:240 Resp: 481428

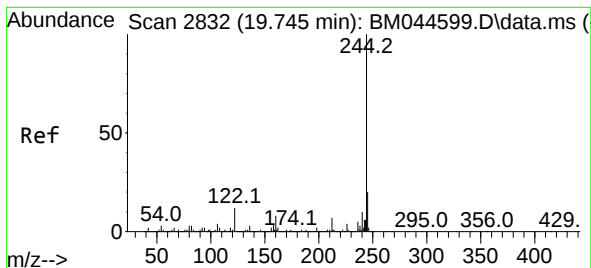
Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

236 26.9 21.0 31.4





#79

Terphenyl-d14

Concen: 40.049 ng

RT: 19.727 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044793.D

Acq: 27 Mar 2024 23:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1

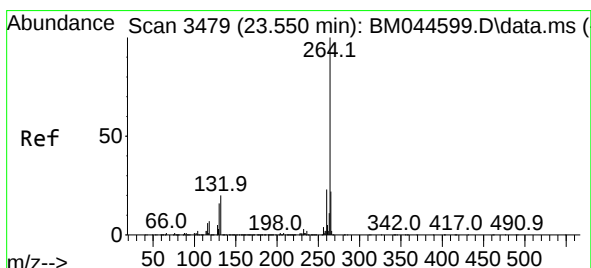
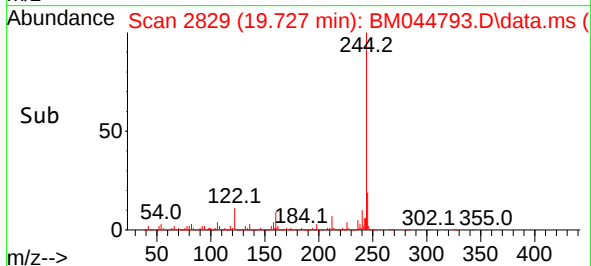
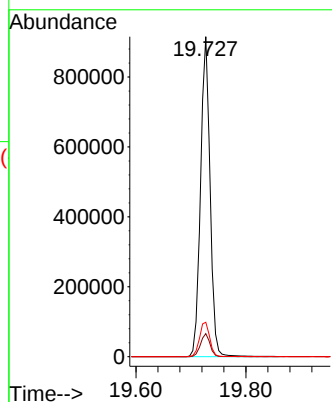
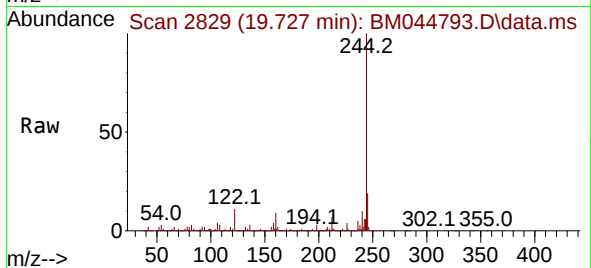
Tgt Ion:244 Resp: 1102169

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.8 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.527 min Scan# 3475

Delta R.T. -0.023 min

Lab File: BM044793.D

Acq: 27 Mar 2024 23:34

Tgt Ion:264 Resp: 601338

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 22.2 17.5 26.3

