

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044781.D
 Acq On : 27 Mar 2024 16:18
 Operator : MA/JU
 Sample : P1869-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-2

Quant Time: Mar 27 16:46:38 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	152198	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	550101	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	278875	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	510226	20.000	ng	-0.01
76) Chrysene-d12	21.291	240	481732	20.000	ng	-0.01
86) Perylene-d12	23.538	264	602519	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	845967	79.805	ng	0.00
7) Phenol-d6	6.869	99	997993	73.180	ng	-0.01
23) Nitrobenzene-d5	8.845	82	627555	54.959	ng	-0.02
42) 2,4,6-Tribromophenol	15.833	330	252809	82.191	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	965930	47.702	ng	-0.02
79) Terphenyl-d14	19.733	244	1168714	42.440	ng	-0.01

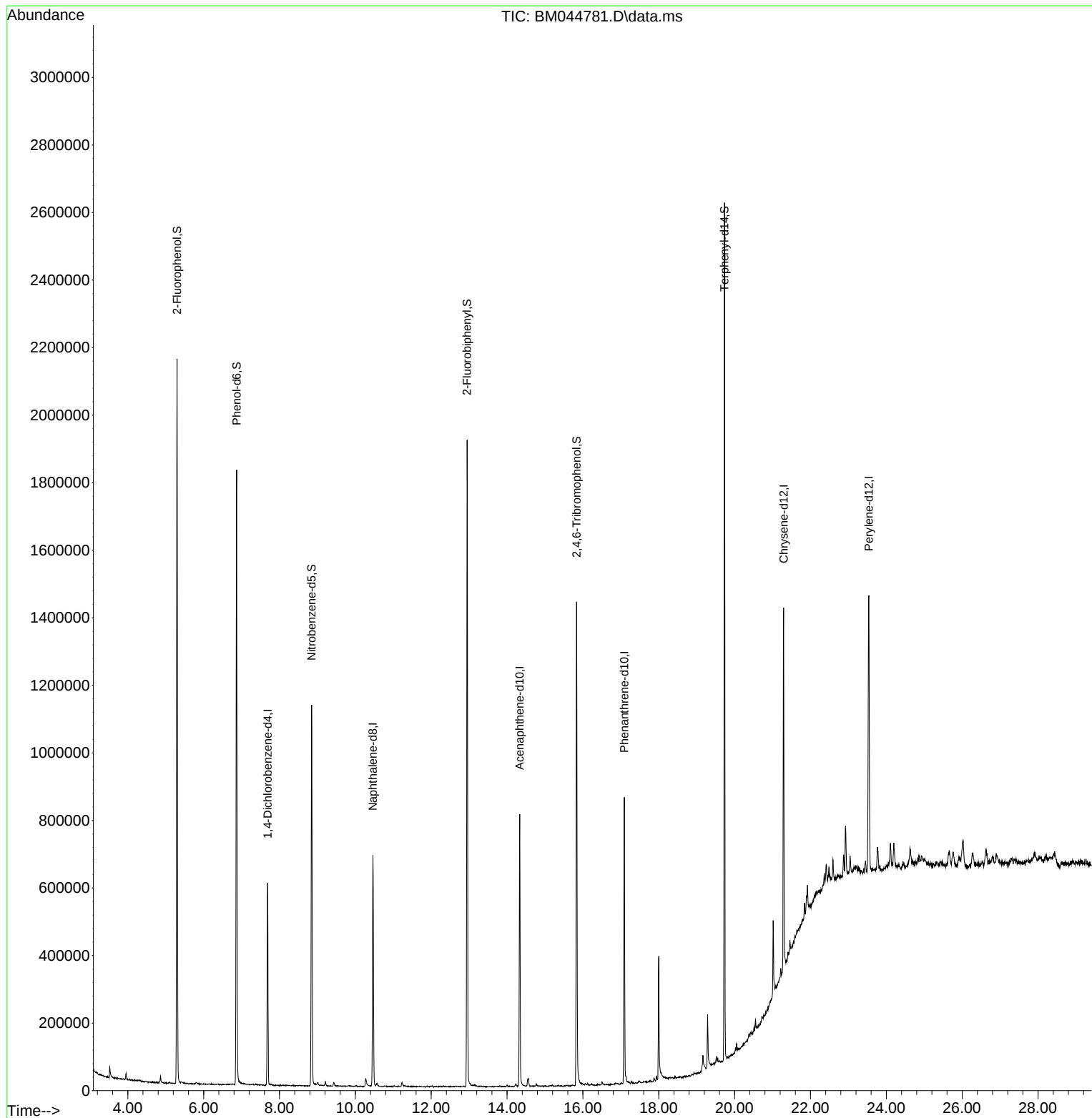
Target Compounds	Qvalue

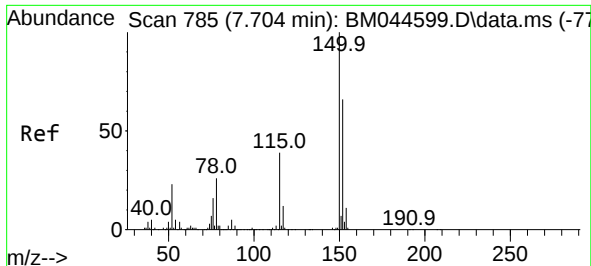
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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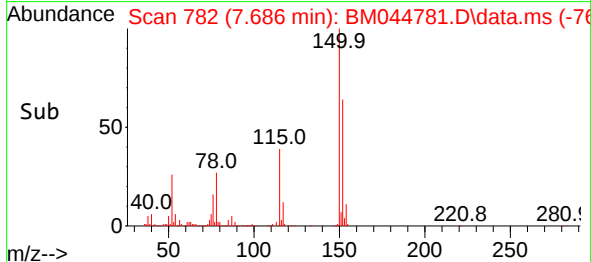
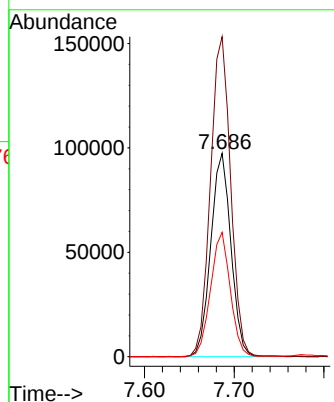
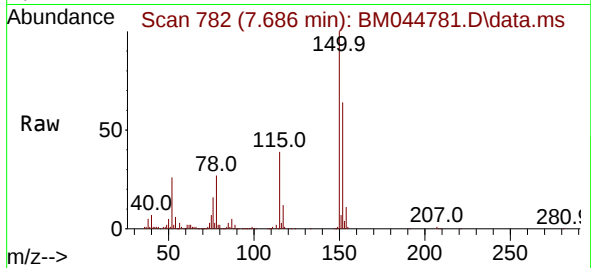




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.686 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044781.D
Acq: 27 Mar 2024 16:18

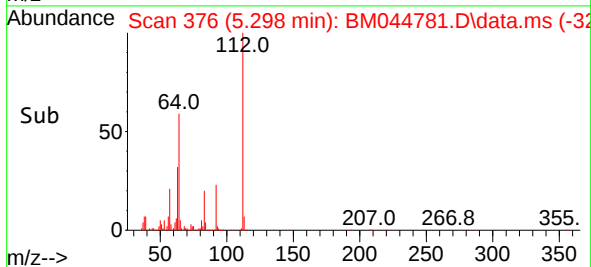
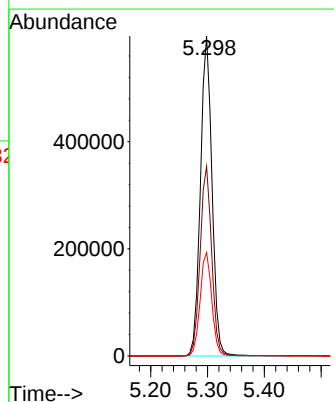
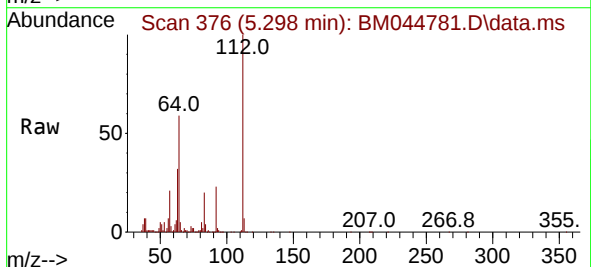
Instrument :
BNA_M
ClientSampleId :
SOIL-2

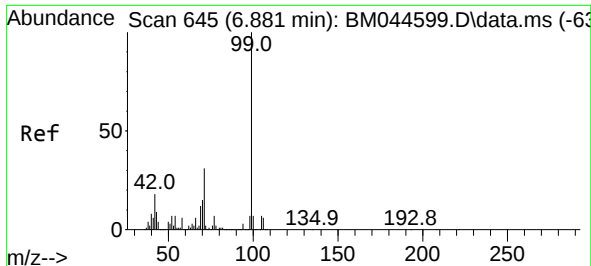
Tgt Ion:152 Resp: 152198
Ion Ratio Lower Upper
152 100
150 157.4 121.9 182.9
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 79.805 ng
RT: 5.298 min Scan# 376
Delta R.T. -0.006 min
Lab File: BM044781.D
Acq: 27 Mar 2024 16:18

Tgt Ion:112 Resp: 845967
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 32.4 25.0 37.4

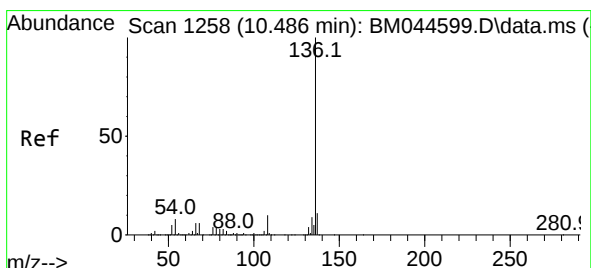
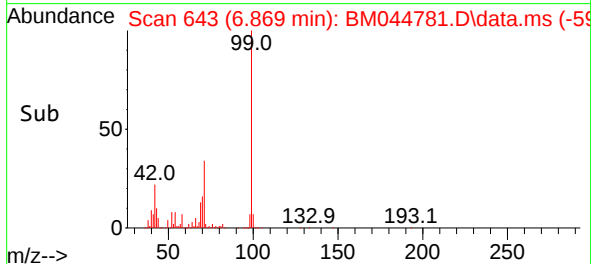
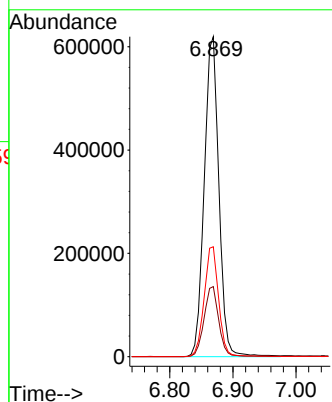
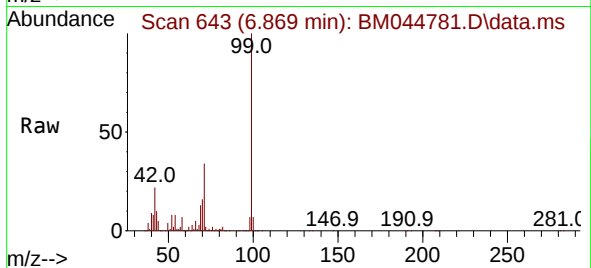




#7
Phenol-d6
Concen: 73.180 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044781.D
Acq: 27 Mar 2024 16:18

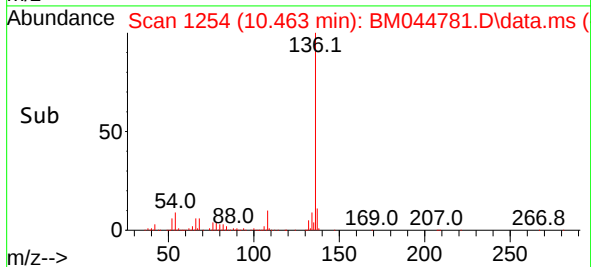
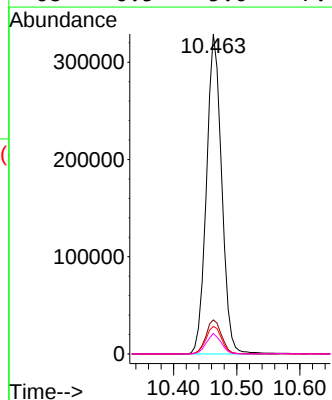
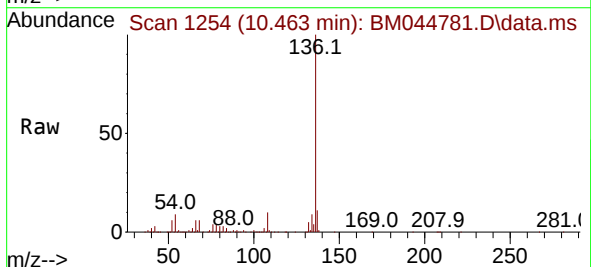
Instrument :
BNA_M
ClientSampleId :
SOIL-2

Tgt Ion: 99 Resp: 997993
Ion Ratio Lower Upper
99 100
42 21.9 14.3 21.5#
71 34.4 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: BM044781.D
Acq: 27 Mar 2024 16:18

Tgt Ion: 136 Resp: 550101
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.6 6.6 10.0
68 6.5 5.0 7.4

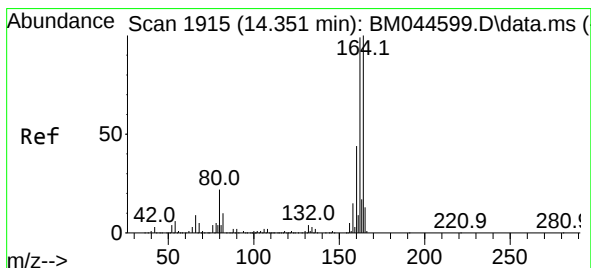
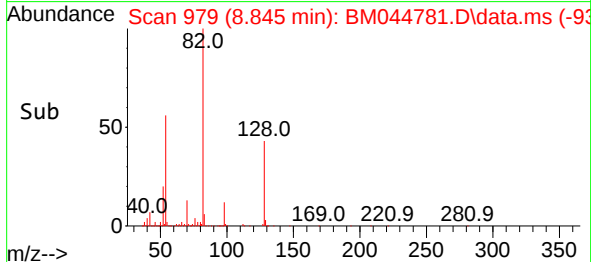
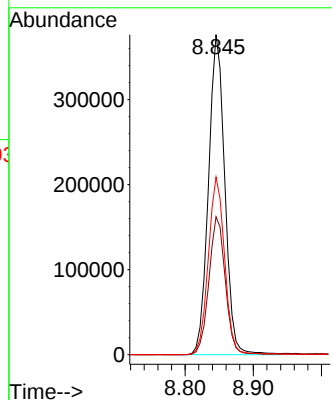
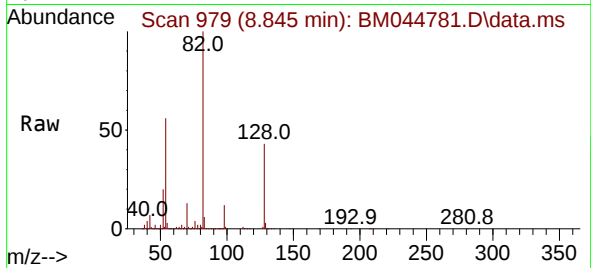




#23
Nitrobenzene-d5
Concen: 54.959 ng
RT: 8.845 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM044781.D
Acq: 27 Mar 2024 16:18

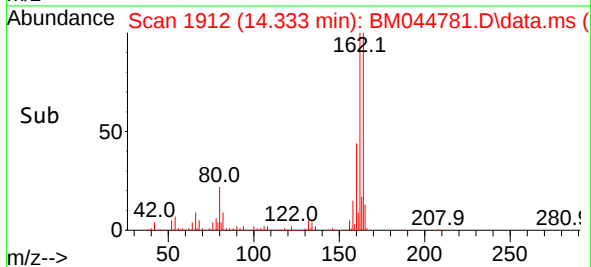
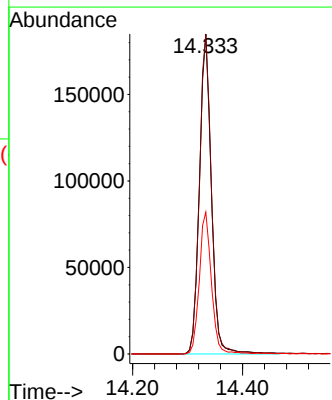
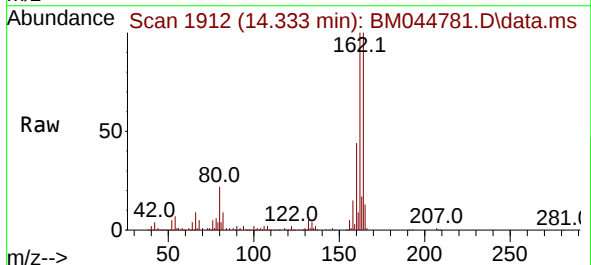
Instrument :
BNA_M
ClientSampleId :
SOIL-2

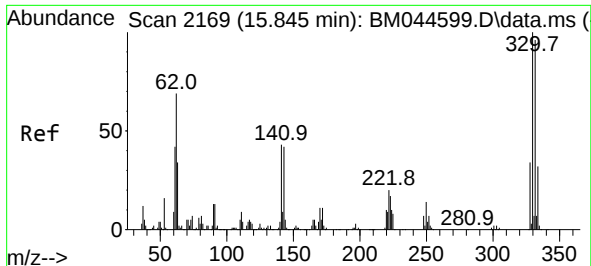
Tgt Ion: 82 Resp: 627555
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.4
54 55.5 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BM044781.D
Acq: 27 Mar 2024 16:18

Tgt Ion:164 Resp: 278875
Ion Ratio Lower Upper
164 100
162 99.8 79.3 118.9
160 44.3 35.2 52.8

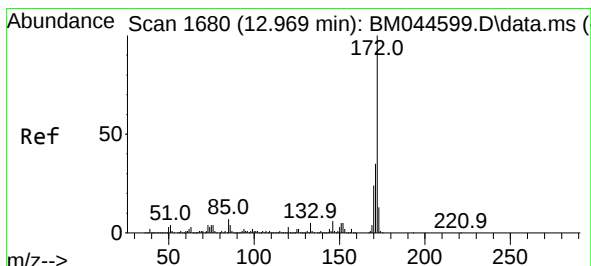
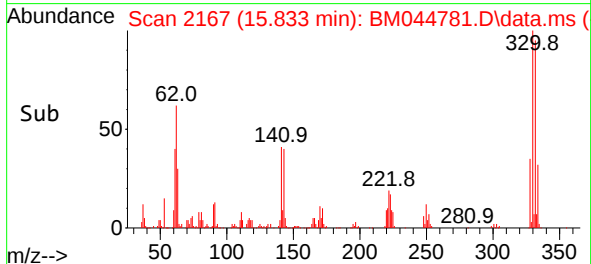
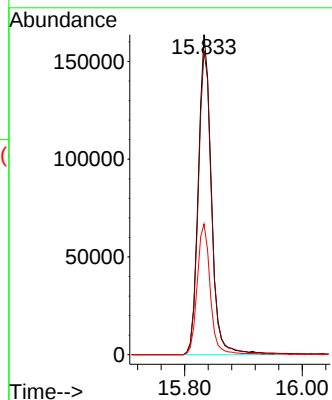
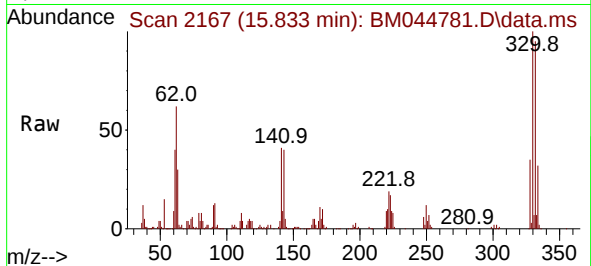




#42
2,4,6-Tribromophenol
Concen: 82.191 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044781.D
Acq: 27 Mar 2024 16:18

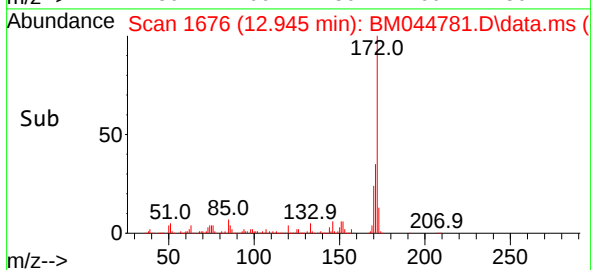
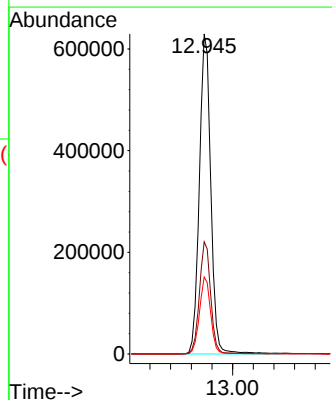
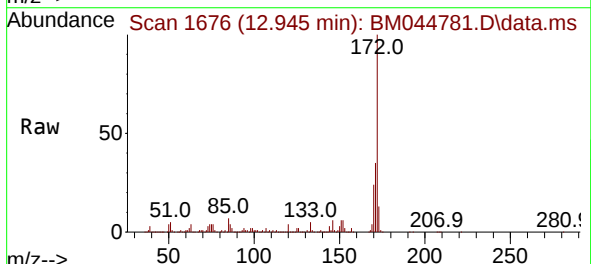
Instrument :
BNA_M
ClientSampleId :
SOIL-2

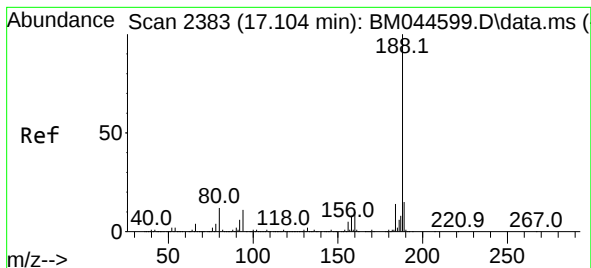
Tgt Ion:330 Resp: 252809
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 40.9 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 47.702 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.024 min
Lab File: BM044781.D
Acq: 27 Mar 2024 16:18

Tgt Ion:172 Resp: 965930
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 24.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044781.D

Acq: 27 Mar 2024 16:18

Instrument :

BNA_M

ClientSampleId :

SOIL-2

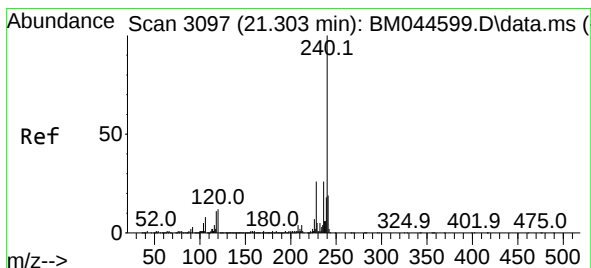
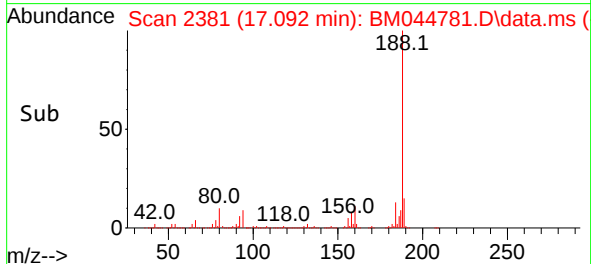
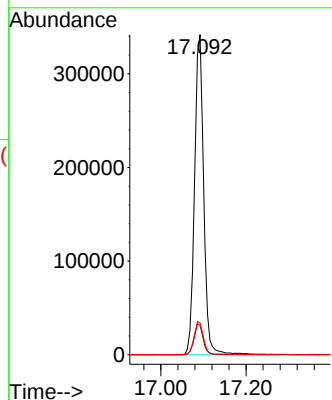
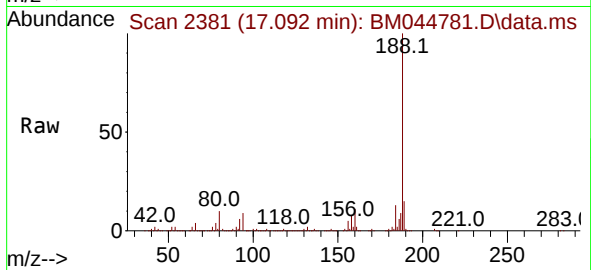
Tgt Ion:188 Resp: 510226

Ion Ratio Lower Upper

188 100

94 9.2 8.4 12.6

80 10.0 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.291 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BM044781.D

Acq: 27 Mar 2024 16:18

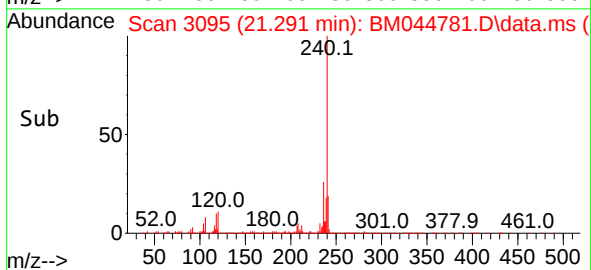
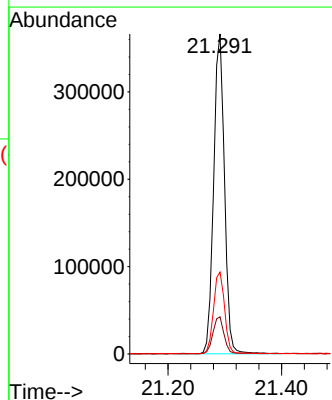
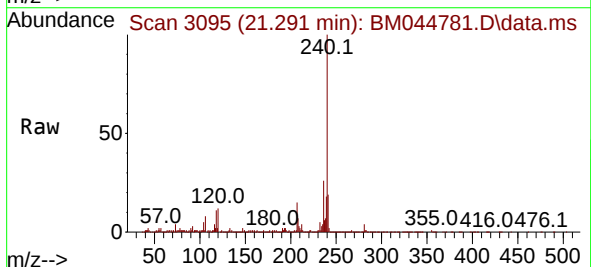
Tgt Ion:240 Resp: 481732

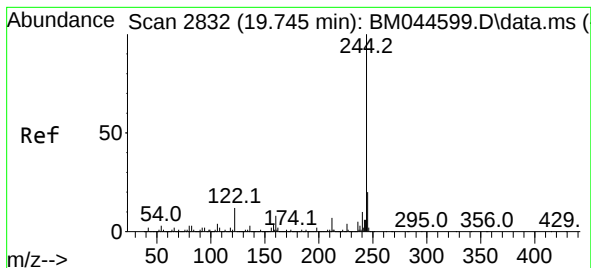
Ion Ratio Lower Upper

240 100

120 11.6 9.7 14.5

236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 42.440 ng

RT: 19.733 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM044781.D

Acq: 27 Mar 2024 16:18

Instrument :

BNA_M

ClientSampleId :

SOIL-2

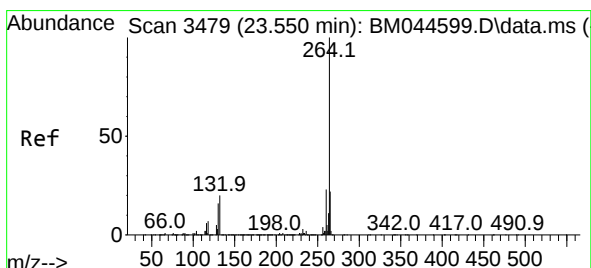
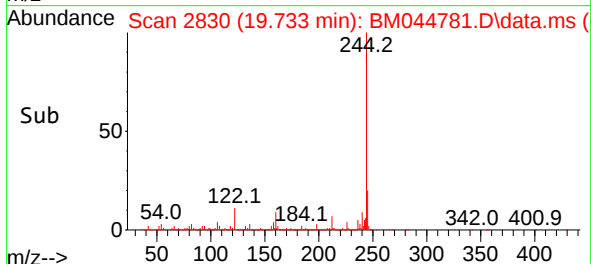
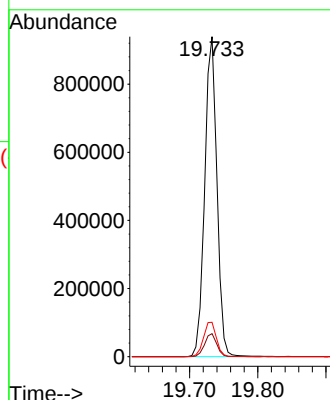
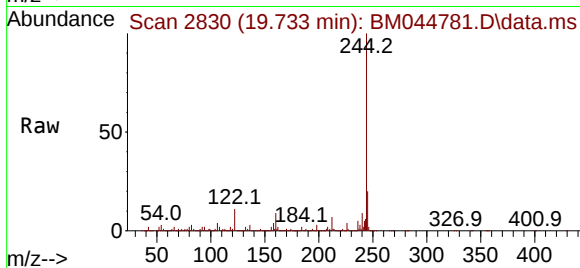
Tgt Ion:244 Resp: 1168714

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.7 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.538 min Scan# 3477

Delta R.T. -0.012 min

Lab File: BM044781.D

Acq: 27 Mar 2024 16:18

Tgt Ion:264 Resp: 602519

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 22.4 17.5 26.3

