

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044780.D
 Acq On : 27 Mar 2024 15:41
 Operator : MA/JU
 Sample : P1869-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-3

Quant Time: Mar 27 16:15:44 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	150561	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	540380	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	275504	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	506501	20.000	ng	-0.01
76) Chrysene-d12	21.291	240	486983	20.000	ng	-0.01
86) Perylene-d12	23.538	264	588865	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	742440	70.801	ng	0.00
7) Phenol-d6	6.869	99	895873	66.406	ng	-0.01
23) Nitrobenzene-d5	8.845	82	559317	49.864	ng	-0.02
42) 2,4,6-Tribromophenol	15.833	330	227237	74.781	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	932108	46.595	ng	-0.02
79) Terphenyl-d14	19.733	244	1116632	40.112	ng	-0.01

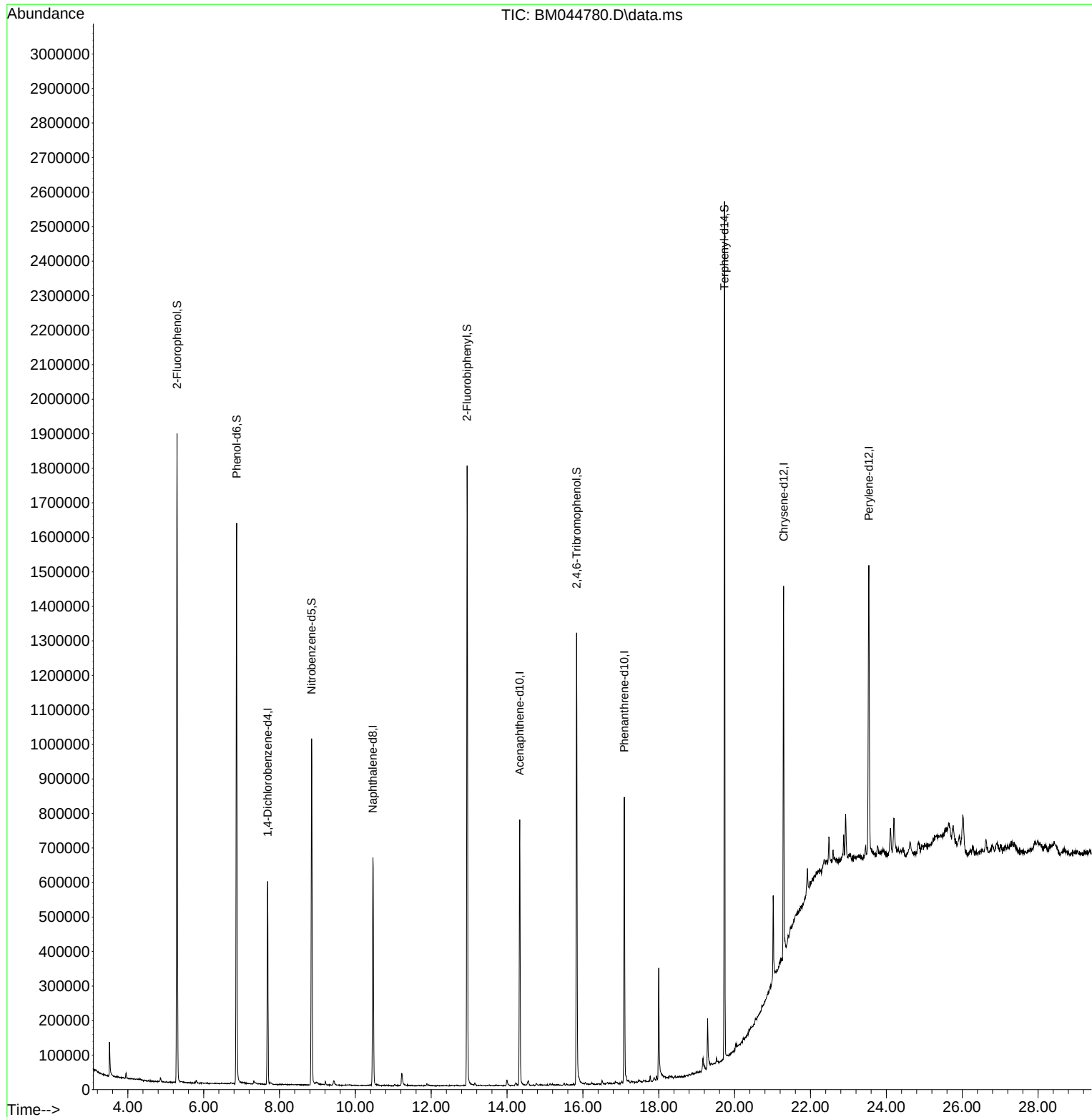
Target Compounds	Qvalue

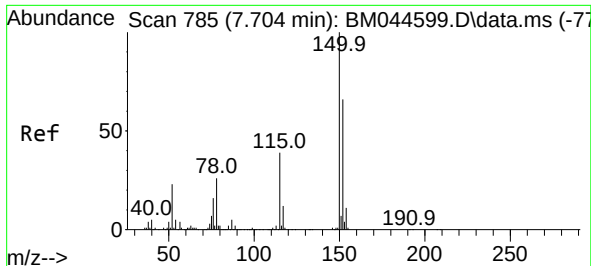
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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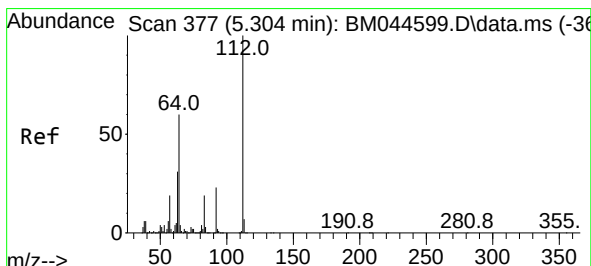
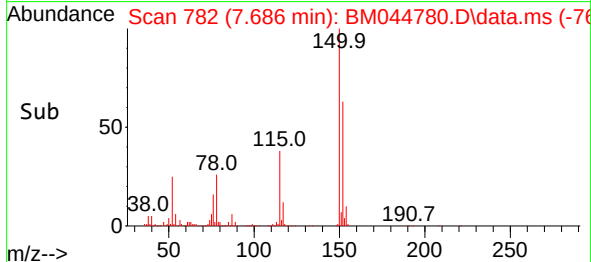
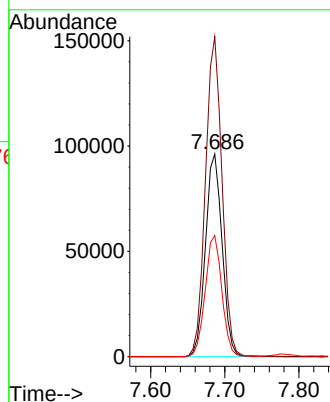
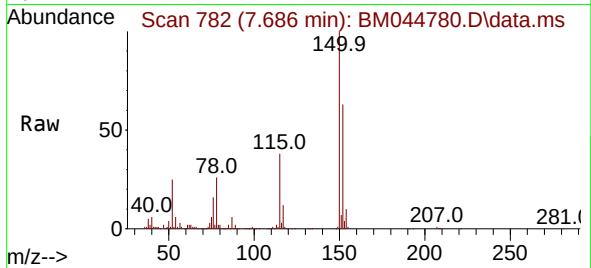




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.686 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BM044780.D
 Acq: 27 Mar 2024 15:41

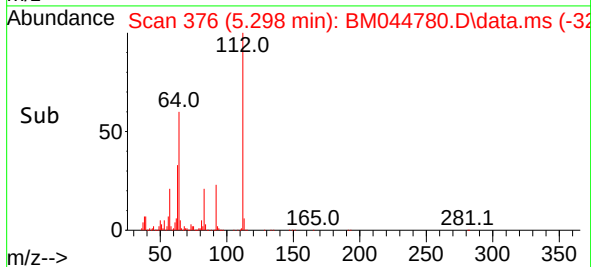
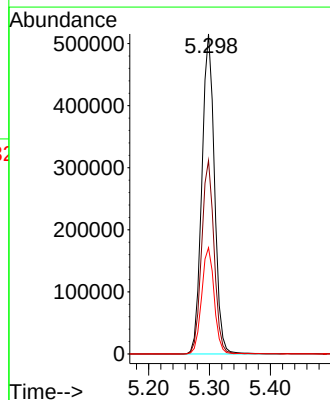
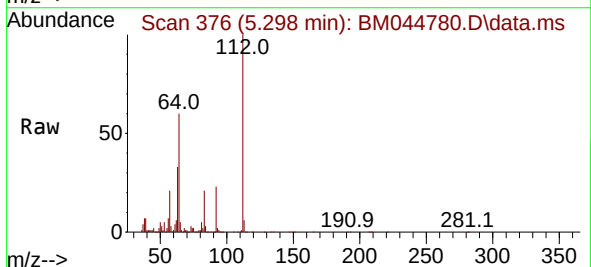
Instrument :
 BNA_M
 ClientSampleId :
 SOIL-3

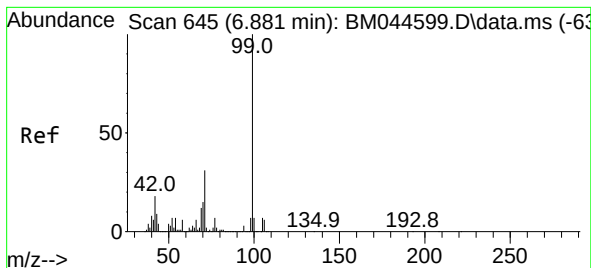
Tgt Ion:152 Resp: 150561
 Ion Ratio Lower Upper
 152 100
 150 157.9 121.9 182.9
 115 59.7 47.1 70.7



#5
 2-Fluorophenol
 Concen: 70.801 ng
 RT: 5.298 min Scan# 376
 Delta R.T. -0.006 min
 Lab File: BM044780.D
 Acq: 27 Mar 2024 15:41

Tgt Ion:112 Resp: 742440
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.9 71.9
 63 33.2 25.0 37.4





#7

Phenol-d6

Concen: 66.406 ng

RT: 6.869 min Scan# 64

Delta R.T. -0.012 min

Lab File: BM044780.D

Acq: 27 Mar 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SOIL-3

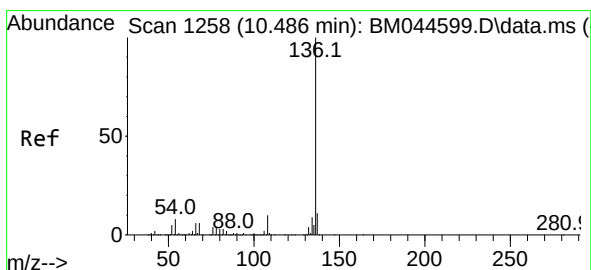
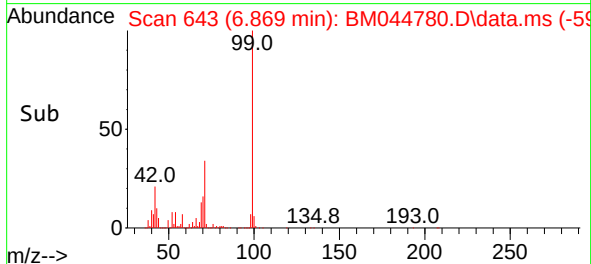
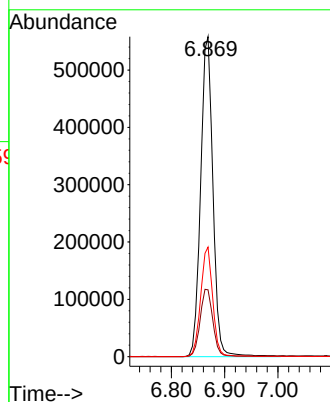
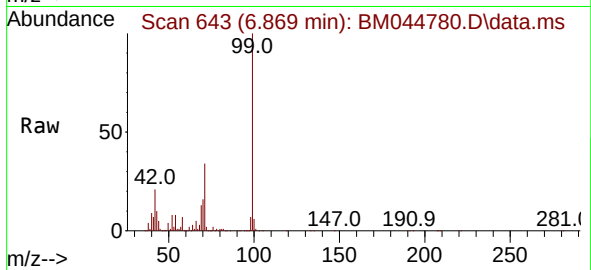
Tgt Ion: 99 Resp: 895873

Ion Ratio Lower Upper

99 100

42 20.9 14.3 21.5

71 34.2 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: BM044780.D

Acq: 27 Mar 2024 15:41

Tgt Ion: 136 Resp: 540380

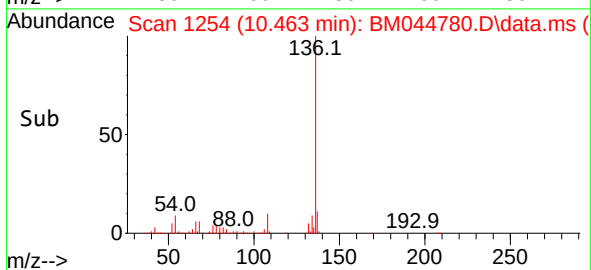
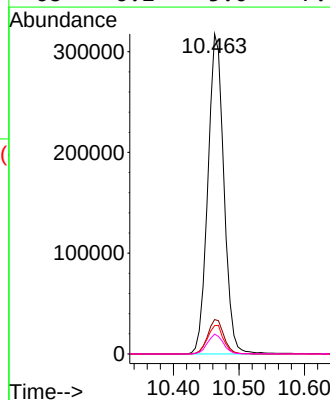
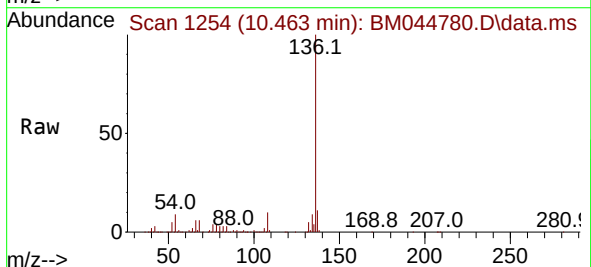
Ion Ratio Lower Upper

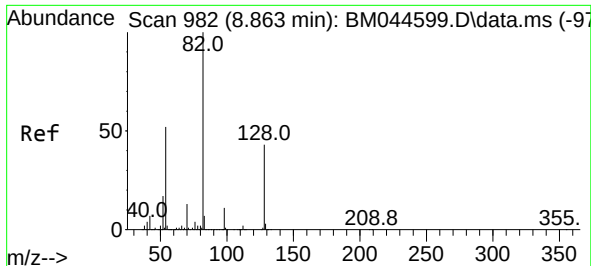
136 100

137 10.7 8.9 13.3

54 8.8 6.6 10.0

68 6.2 5.0 7.4

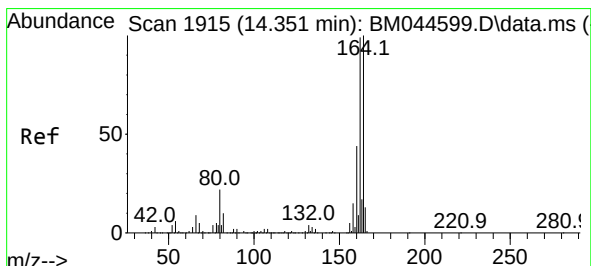
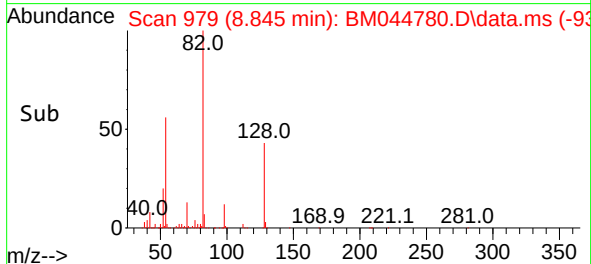
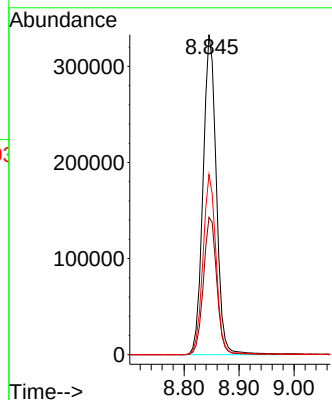
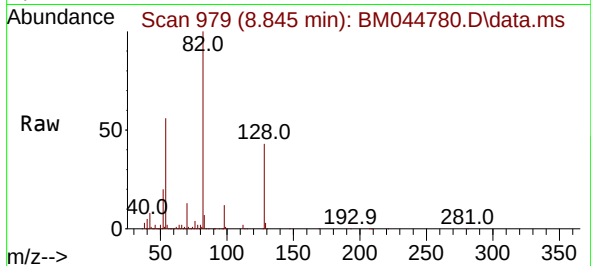




#23
Nitrobenzene-d5
Concen: 49.864 ng
RT: 8.845 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

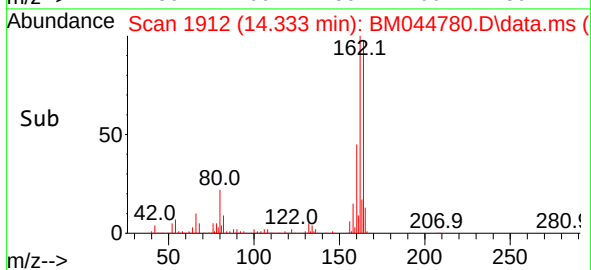
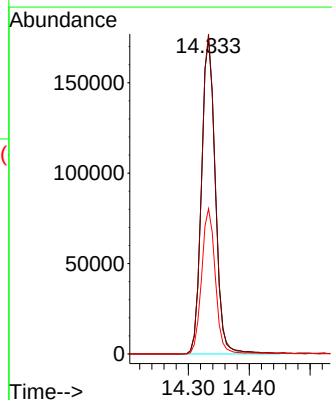
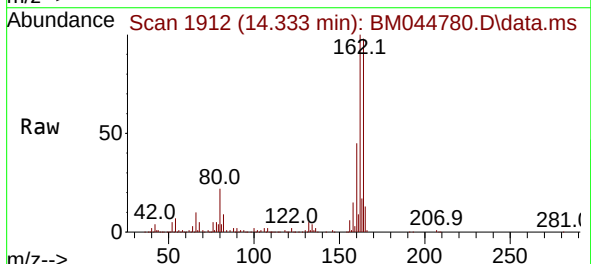
Instrument :
BNA_M
ClientSampleId :
SOIL-3

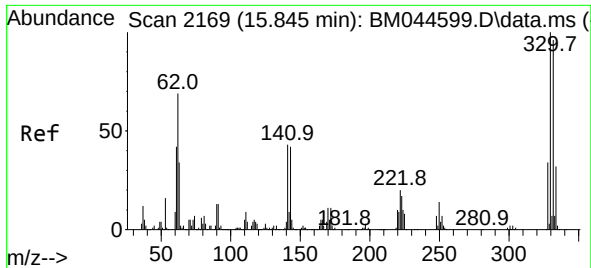
Tgt Ion: 82 Resp: 559317
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 56.3 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

Tgt Ion: 164 Resp: 275504
Ion Ratio Lower Upper
164 100
162 101.7 79.3 118.9
160 46.2 35.2 52.8

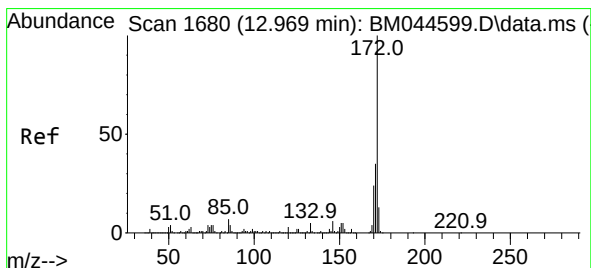
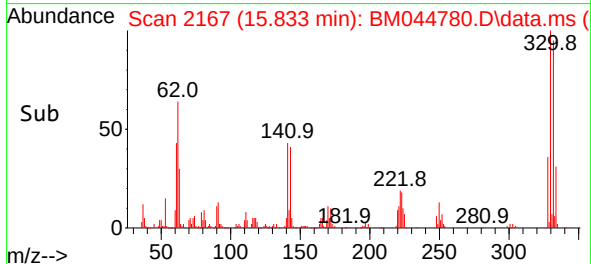
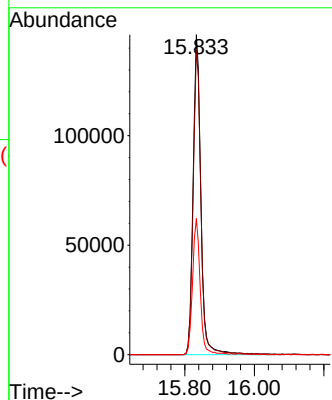
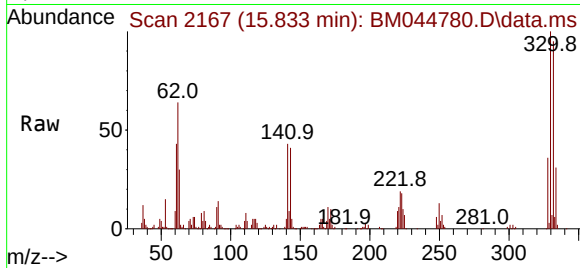




#42
2,4,6-Tribromophenol
Concen: 74.781 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

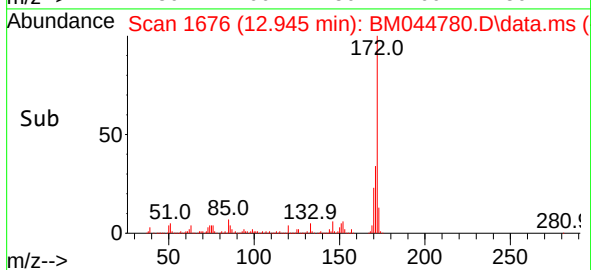
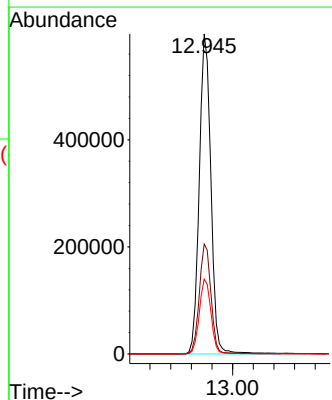
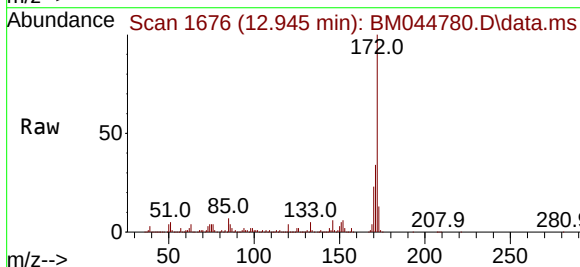
Instrument :
BNA_M
ClientSampleId :
SOIL-3

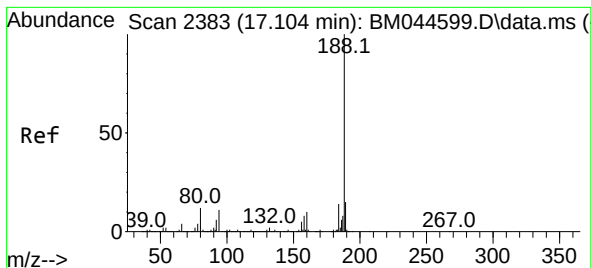
Tgt Ion:330 Resp: 227237
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 41.9 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 46.595 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.024 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

Tgt Ion:172 Resp: 932108
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.4 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: BM044780.D

Acq: 27 Mar 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SOIL-3

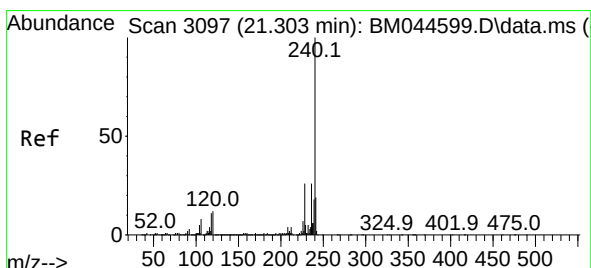
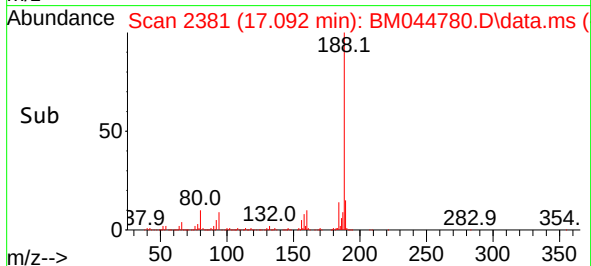
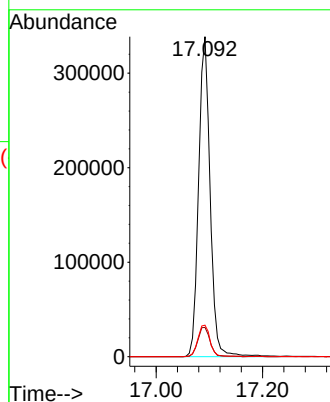
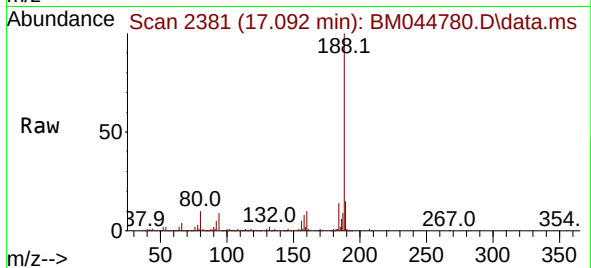
Tgt Ion:188 Resp: 506501

Ion Ratio Lower Upper

188 100

94 9.2 8.4 12.6

80 9.8 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: BM044780.D

Acq: 27 Mar 2024 15:41

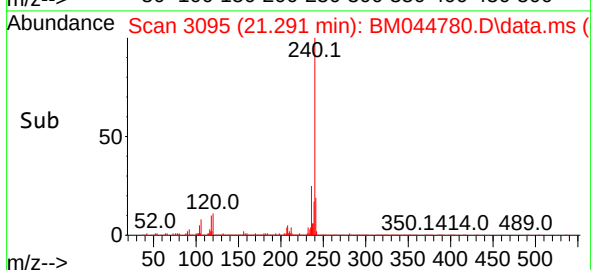
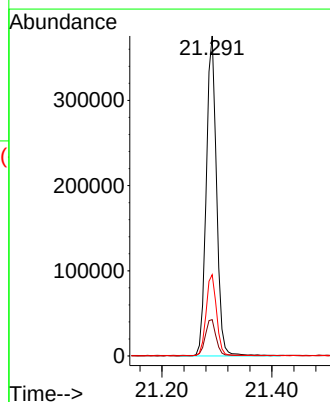
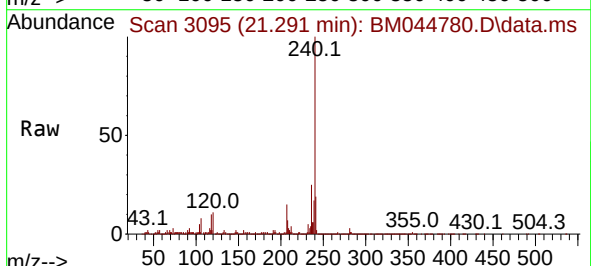
Tgt Ion:240 Resp: 486983

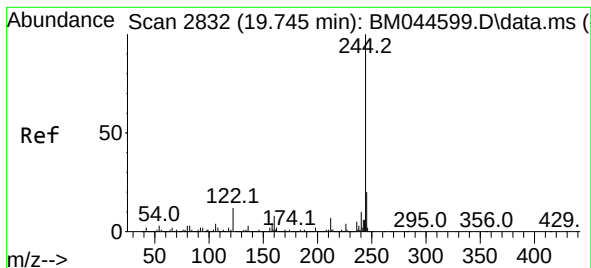
Ion Ratio Lower Upper

240 100

120 11.3 9.7 14.5

236 25.4 21.0 31.4





#79

Terphenyl-d14

Concen: 40.112 ng

RT: 19.733 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM044780.D

Acq: 27 Mar 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SOIL-3

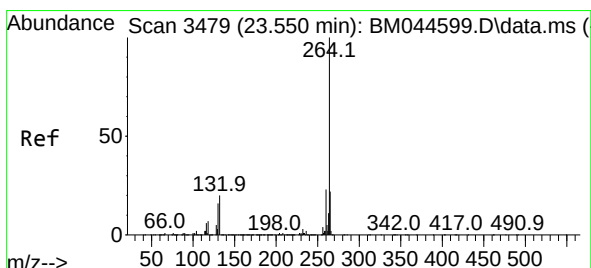
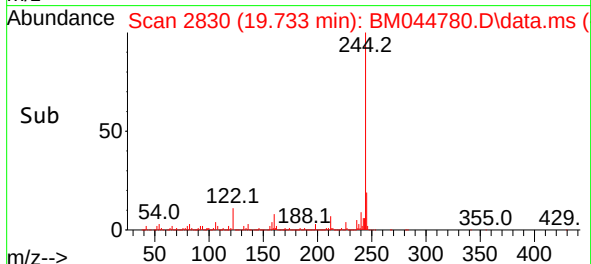
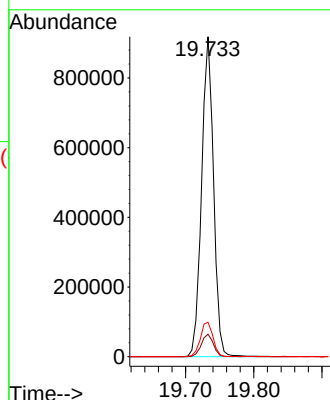
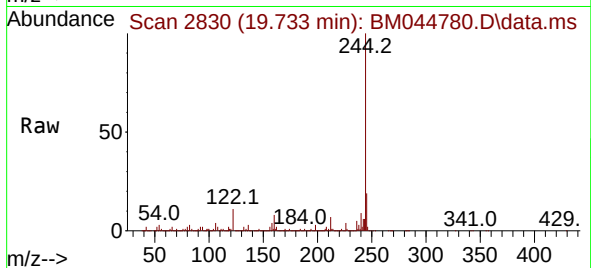
Tgt Ion:244 Resp: 1116632

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 10.8 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: BM044780.D

Acq: 27 Mar 2024 15:41

Tgt Ion:264 Resp: 588865

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 22.5 17.5 26.3

