

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044788.D
 Acq On : 27 Mar 2024 20:33
 Operator : MA/JU
 Sample : P1869-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-2

Quant Time: Mar 28 01:01:33 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	173746	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	642466	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	343983	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	594898	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	460844	20.000	ng	-0.02
86) Perylene-d12	23.532	264	529867	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1530327	126.461	ng	0.00
7) Phenol-d6	6.869	99	1670486	107.301	ng	-0.01
23) Nitrobenzene-d5	8.845	82	1298428	97.363	ng	-0.02
42) 2,4,6-Tribromophenol	15.833	330	547028	144.182	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2403260	96.220	ng	-0.02
79) Terphenyl-d14	19.733	244	2591723	98.381	ng	-0.01

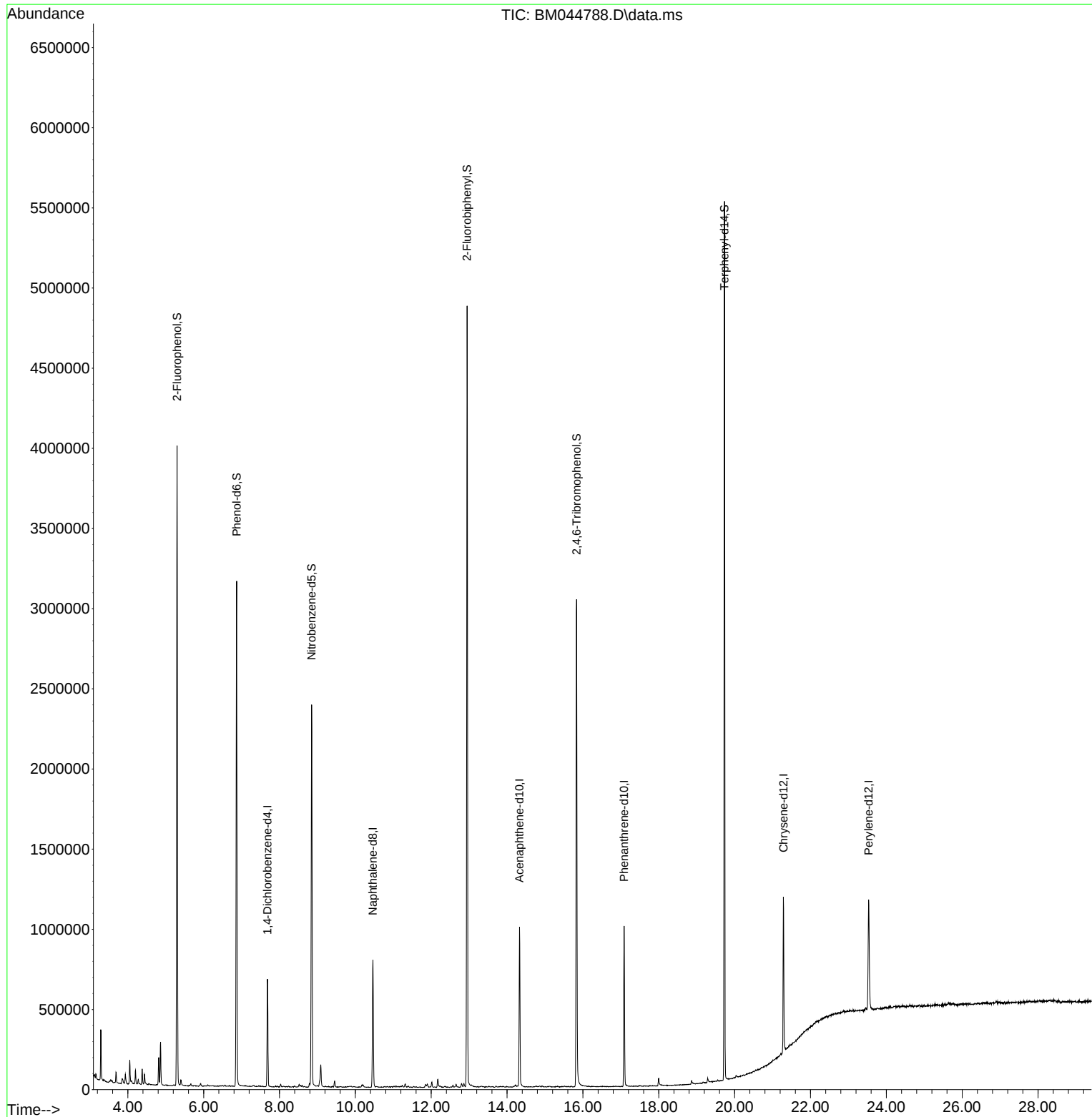
Target Compounds	Qvalue

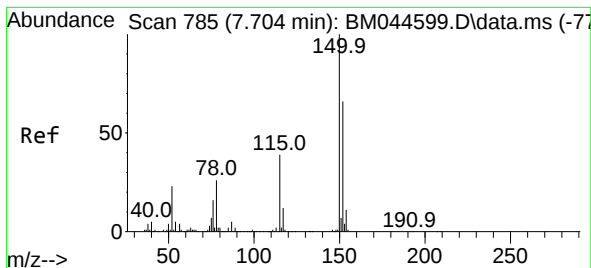
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.681 min Scan# 71

Delta R.T. -0.023 min

Lab File: BM044788.D

Acq: 27 Mar 2024 20:33

Instrument :

BNA_M

ClientSampleId :

SOIL-2

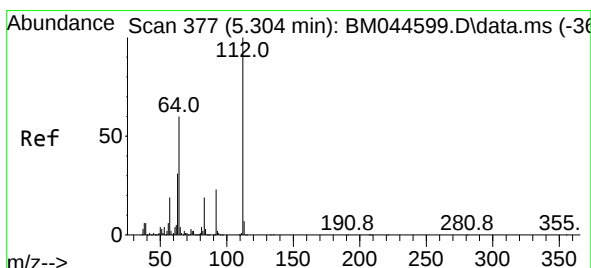
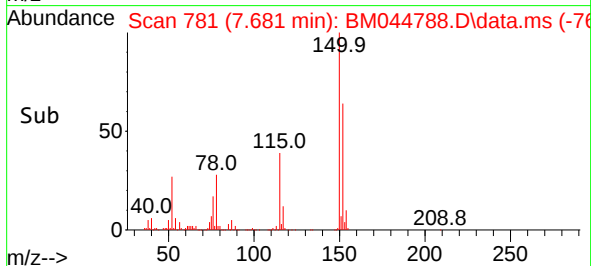
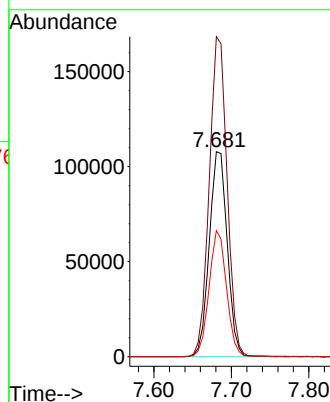
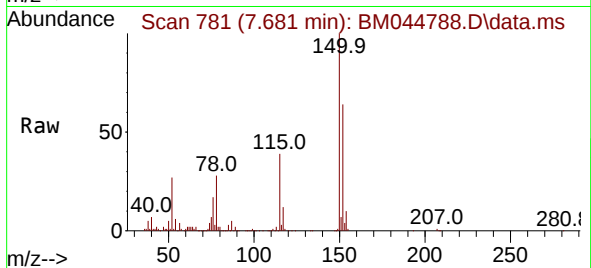
Tgt Ion:152 Resp: 173746

Ion Ratio Lower Upper

152 100

150 156.1 121.9 182.9

115 61.5 47.1 70.7



#5

2-Fluorophenol

Concen: 126.461 ng

RT: 5.298 min Scan# 376

Delta R.T. -0.006 min

Lab File: BM044788.D

Acq: 27 Mar 2024 20:33

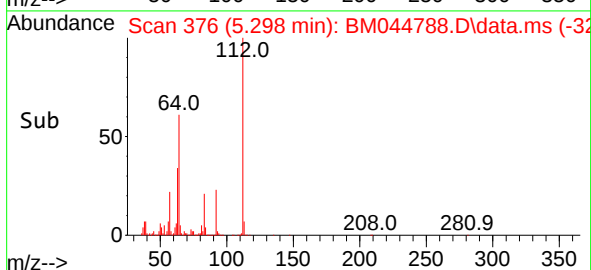
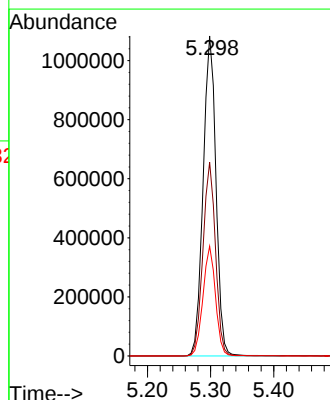
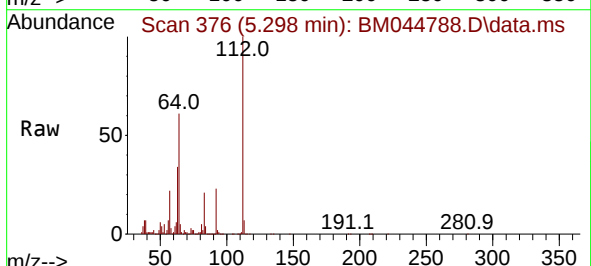
Tgt Ion:112 Resp: 1530327

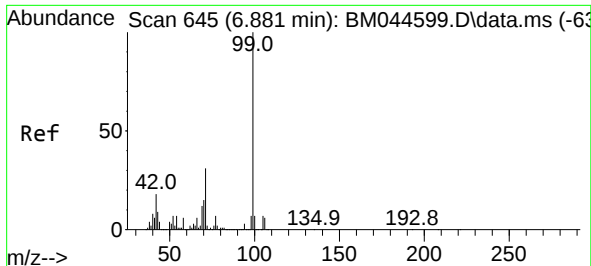
Ion Ratio Lower Upper

112 100

64 60.5 47.9 71.9

63 34.3 25.0 37.4

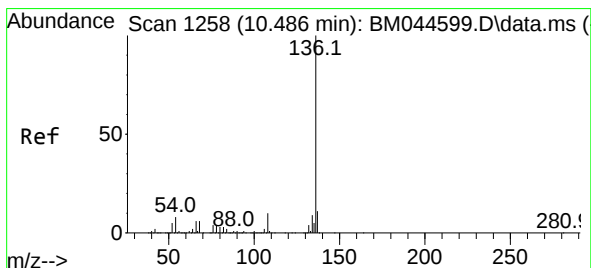
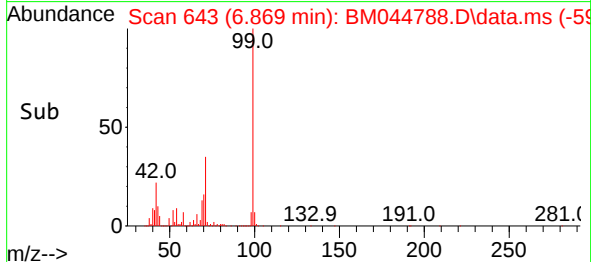
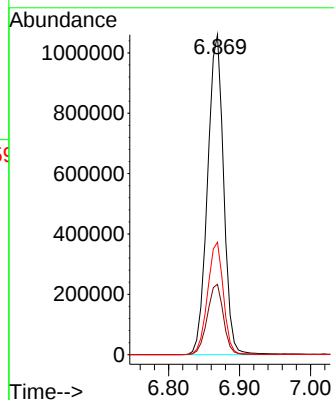
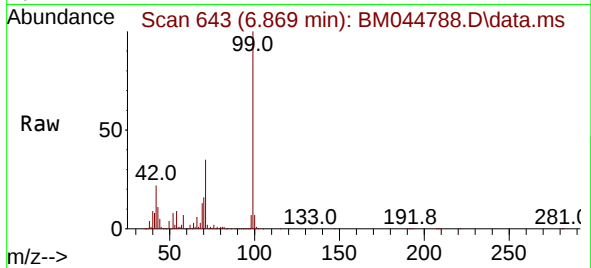




#7
Phenol-d6
Concen: 107.301 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044788.D
Acq: 27 Mar 2024 20:33

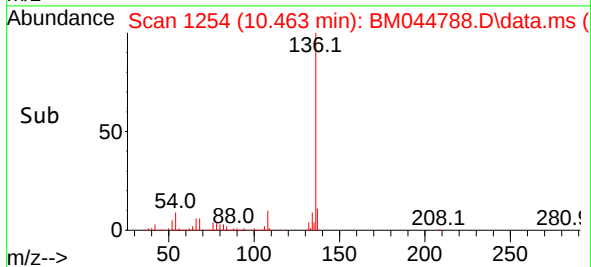
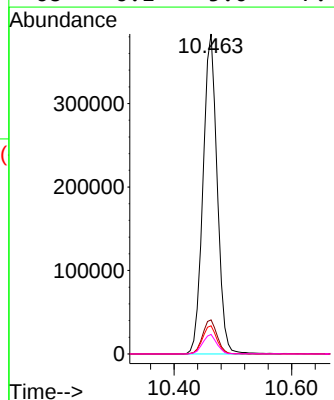
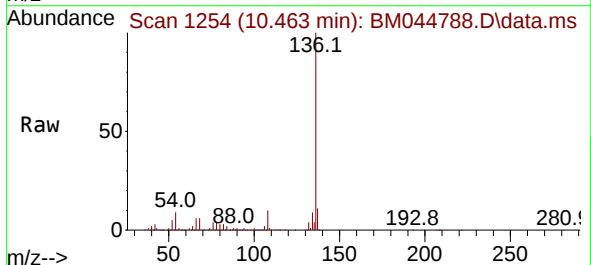
Instrument :
BNA_M
ClientSampleId :
SOIL-2

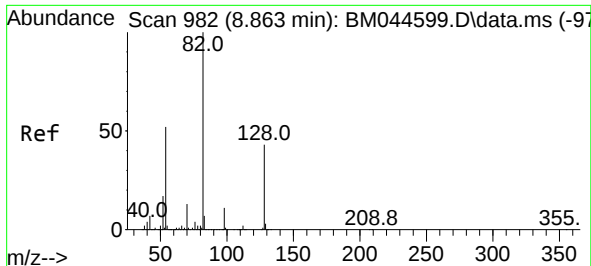
Tgt Ion: 99 Resp: 1670486
Ion Ratio Lower Upper
99 100
42 22.0 14.3 21.5#
71 35.1 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.024 min
Lab File: BM044788.D
Acq: 27 Mar 2024 20:33

Tgt Ion:136 Resp: 642466
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.8 6.6 10.0
68 6.1 5.0 7.4

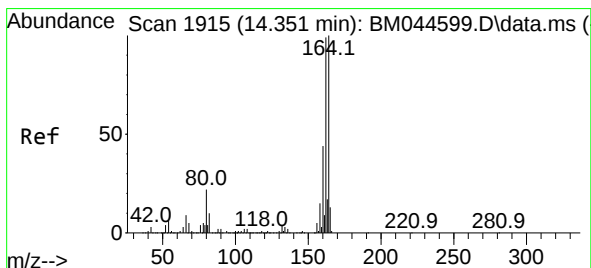
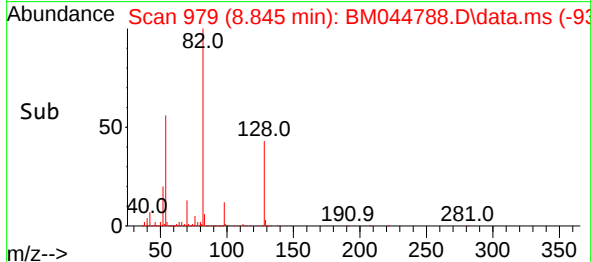
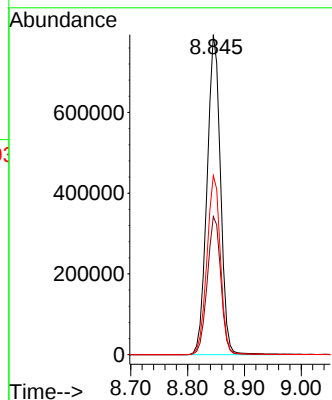
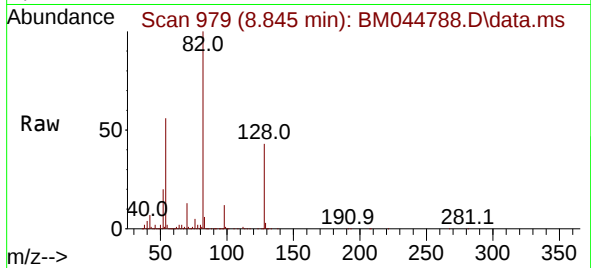




#23
Nitrobenzene-d5
Concen: 97.363 ng
RT: 8.845 min Scan# 911
Delta R.T. -0.018 min
Lab File: BM044788.D
Acq: 27 Mar 2024 20:33

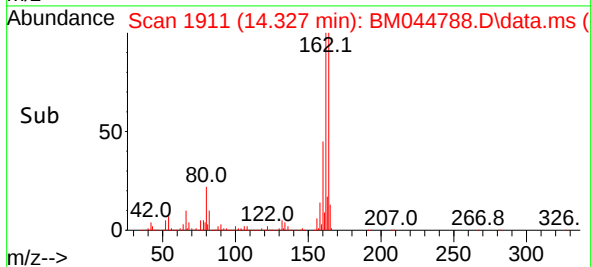
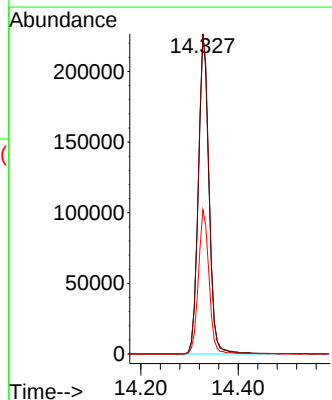
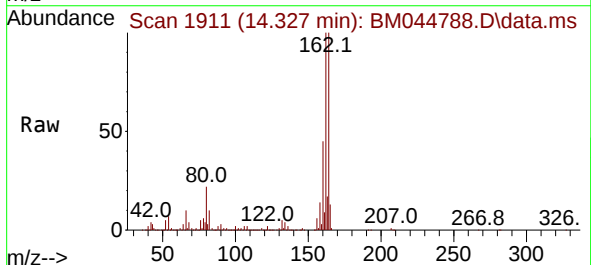
Instrument :
BNA_M
ClientSampleId :
SOIL-2

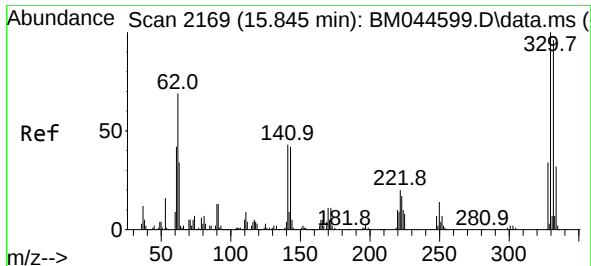
Tgt Ion: 82 Resp: 1298428
Ion Ratio Lower Upper
82 100
128 43.2 34.2 51.4
54 55.9 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.024 min
Lab File: BM044788.D
Acq: 27 Mar 2024 20:33

Tgt Ion:164 Resp: 343983
Ion Ratio Lower Upper
164 100
162 99.9 79.3 118.9
160 45.1 35.2 52.8

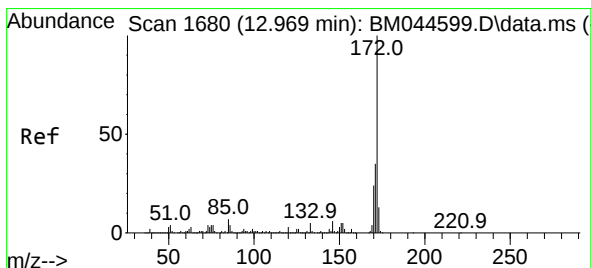
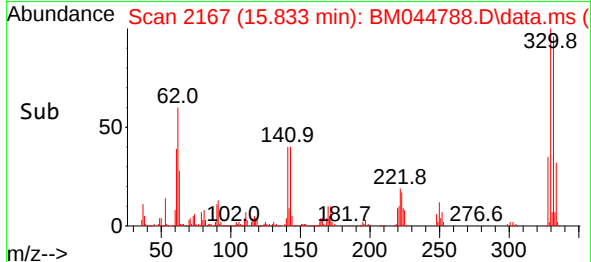
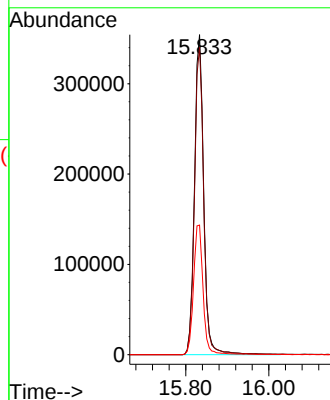
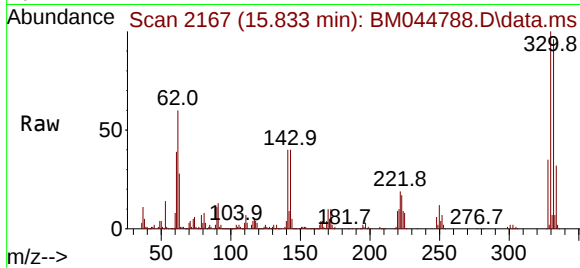




#42
2,4,6-Tribromophenol
Concen: 144.182 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044788.D
Acq: 27 Mar 2024 20:33

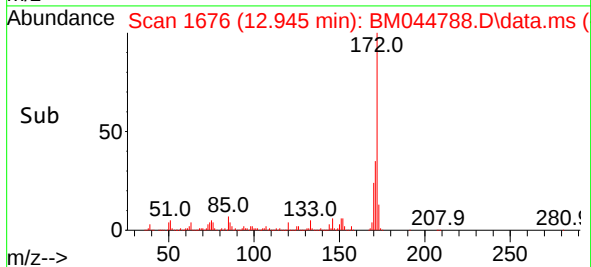
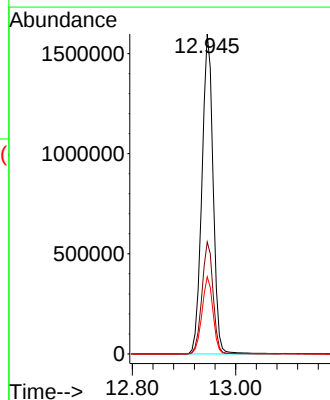
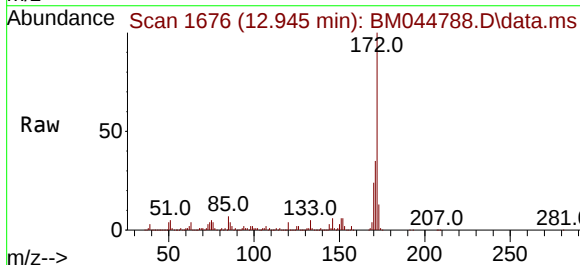
Instrument :
BNA_M
ClientSampleId :
SOIL-2

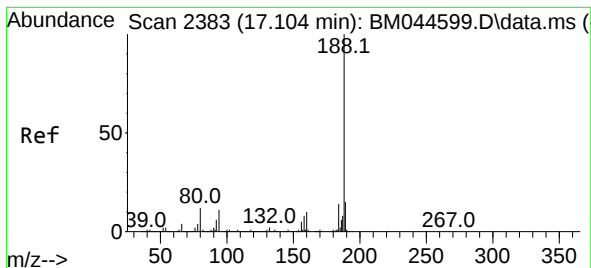
Tgt Ion:330 Resp: 547028
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 42.0 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 96.220 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.024 min
Lab File: BM044788.D
Acq: 27 Mar 2024 20:33

Tgt Ion:172 Resp: 2403260
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 24.1 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: BM044788.D

Acq: 27 Mar 2024 20:33

Instrument :

BNA_M

ClientSampleId :

SOIL-2

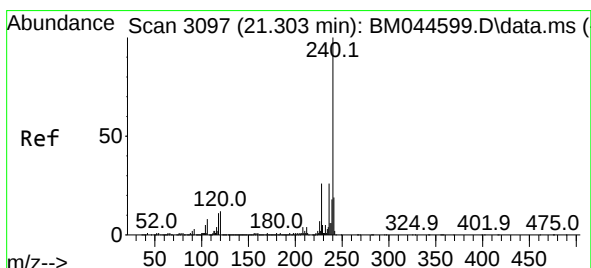
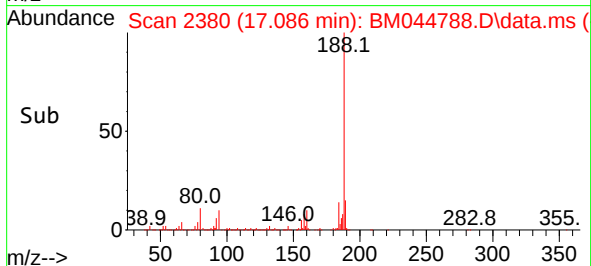
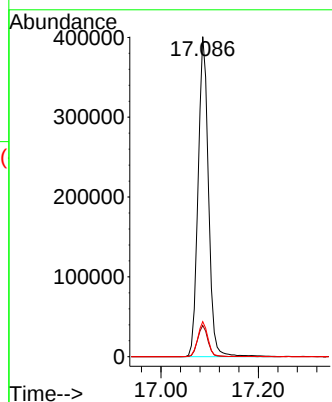
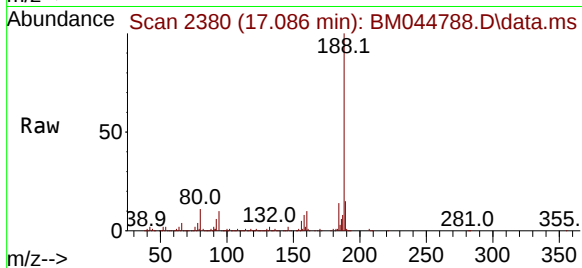
Tgt Ion:188 Resp: 594898

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

80 11.0 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: BM044788.D

Acq: 27 Mar 2024 20:33

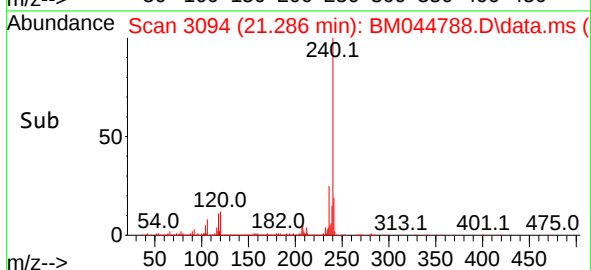
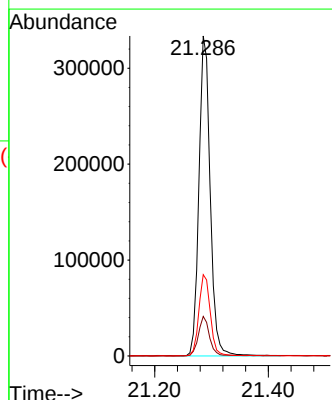
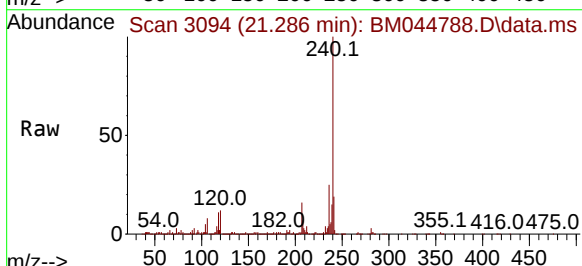
Tgt Ion:240 Resp: 460844

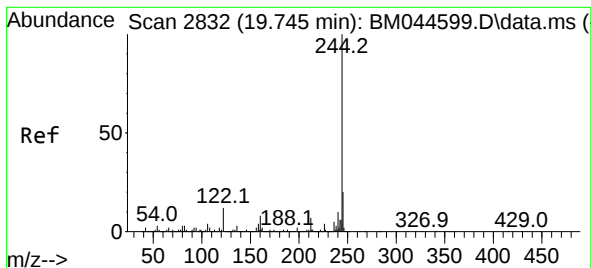
Ion Ratio Lower Upper

240 100

120 12.3 9.7 14.5

236 25.4 21.0 31.4





#79

Terphenyl-d14

Concen: 98.381 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044788.D

Acq: 27 Mar 2024 20:33

Instrument :

BNA_M

ClientSampleId :

SOIL-2

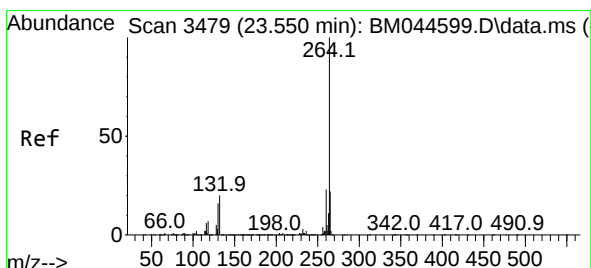
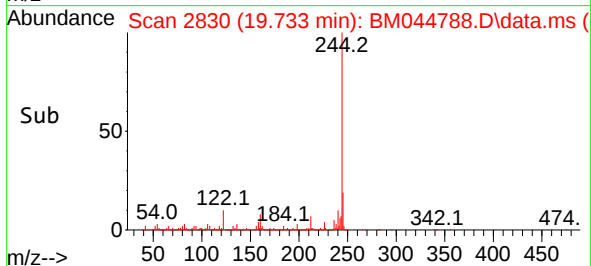
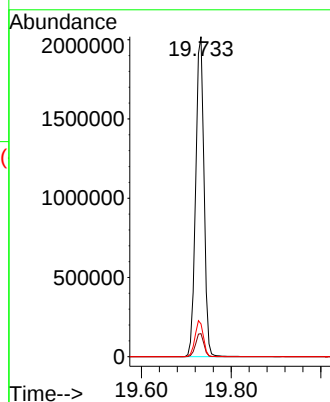
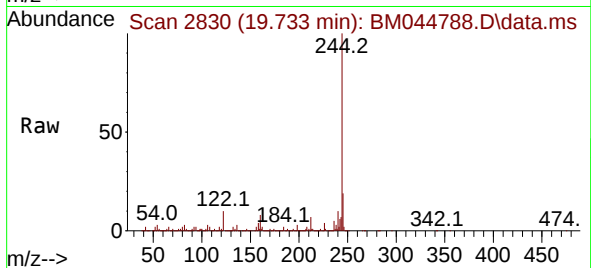
Tgt Ion:244 Resp: 2591723

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.3 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: BM044788.D

Acq: 27 Mar 2024 20:33

Tgt Ion:264 Resp: 529867

Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

265 23.4 17.5 26.3

