

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044782.D
 Acq On : 27 Mar 2024 16:54
 Operator : MA/JU
 Sample : P1869-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-5

Quant Time: Mar 27 17:29:21 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	7.687	152	171755	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	645712	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	345040	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	610088	20.000	ng	-0.01
76) Chrysene-d12	21.286	240	452733	20.000	ng	-0.02
86) Perylene-d12	23.533	264	539569	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	769393	64.317	ng	0.00
7) Phenol-d6	6.863	99	976310	63.439	ng	-0.02
23) Nitrobenzene-d5	8.845	82	606625	45.259	ng	-0.02
42) 2,4,6-Tribromophenol	15.833	330	240911	63.303	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1073754	42.859	ng	-0.02
79) Terphenyl-d14	19.733	244	1110417	42.906	ng	-0.01

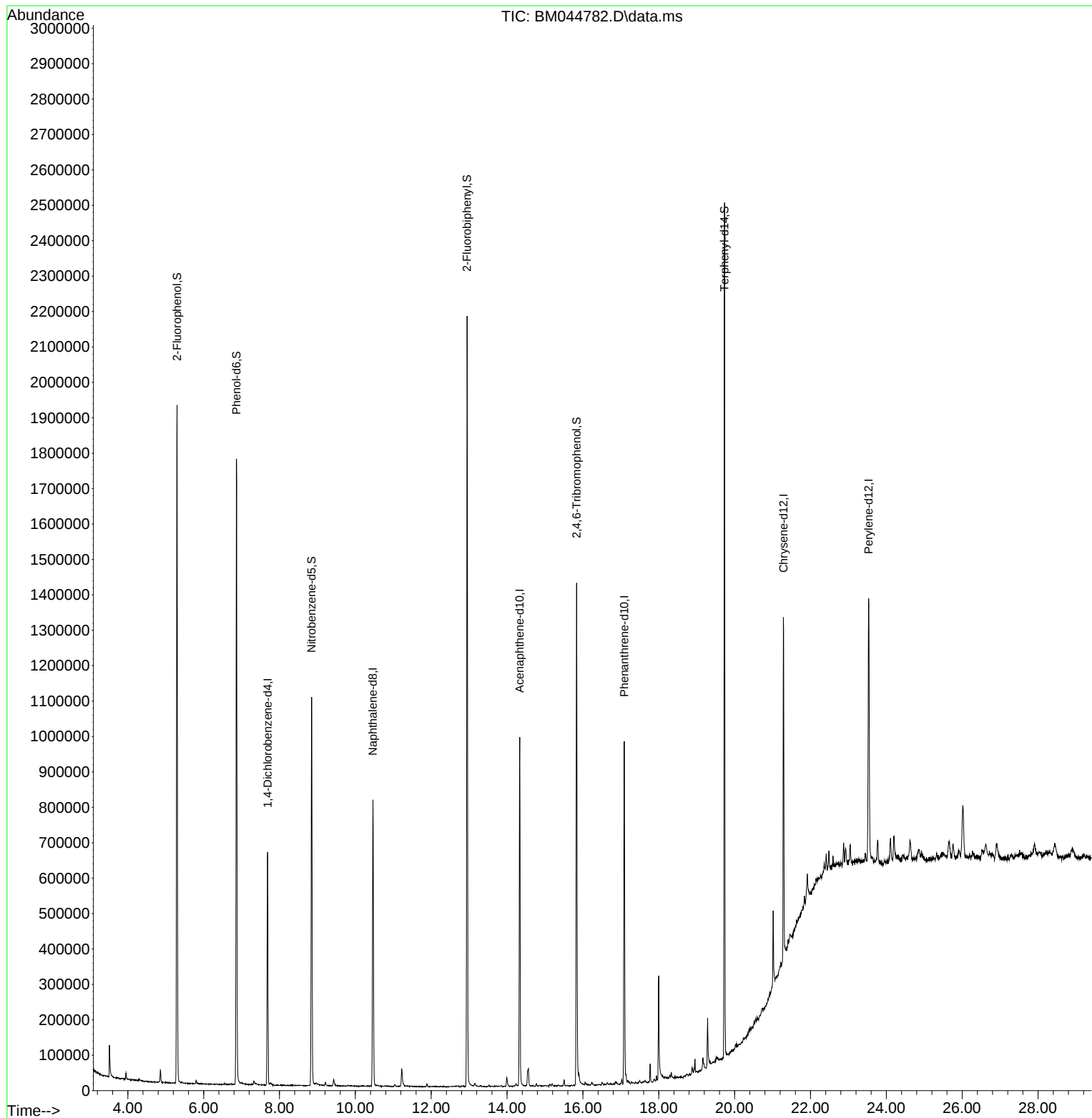
Target Compounds	Qvalue

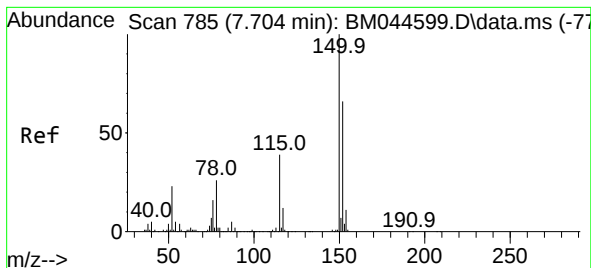
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.017 min

Lab File: BM044782.D

Acq: 27 Mar 2024 16:54

Instrument :

BNA_M

ClientSampleId :

SOIL-5

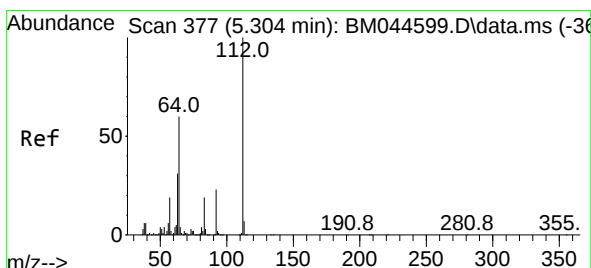
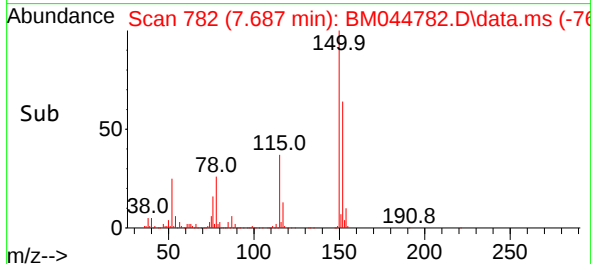
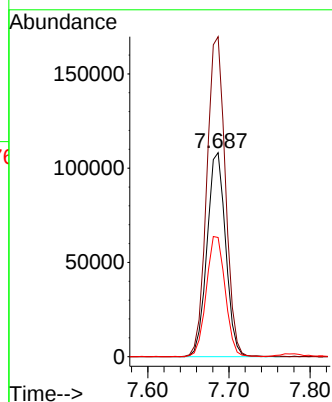
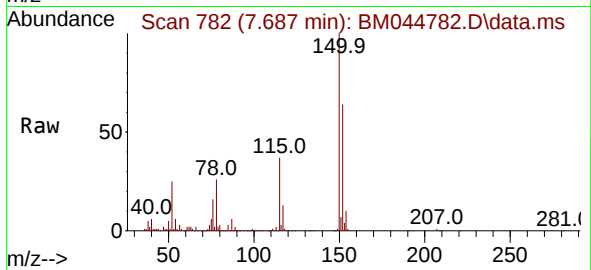
Tgt Ion:152 Resp: 171755

Ion Ratio Lower Upper

152 100

150 156.8 121.9 182.9

115 58.4 47.1 70.7



#5

2-Fluorophenol

Concen: 64.317 ng

RT: 5.299 min Scan# 376

Delta R.T. -0.006 min

Lab File: BM044782.D

Acq: 27 Mar 2024 16:54

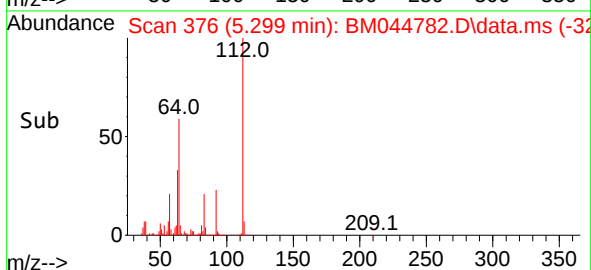
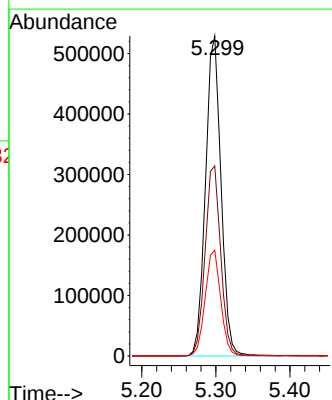
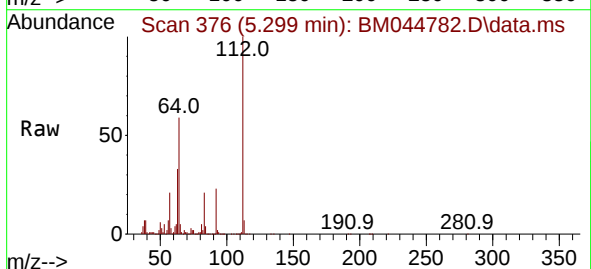
Tgt Ion:112 Resp: 769393

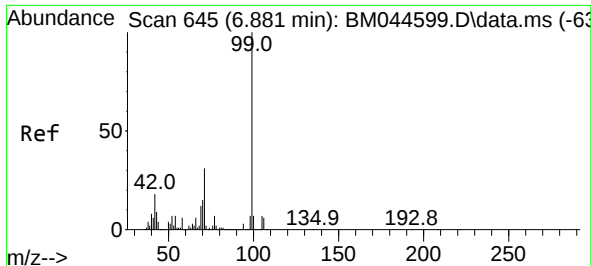
Ion Ratio Lower Upper

112 100

64 59.4 47.9 71.9

63 33.1 25.0 37.4

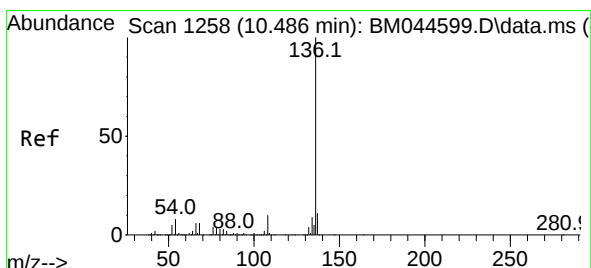
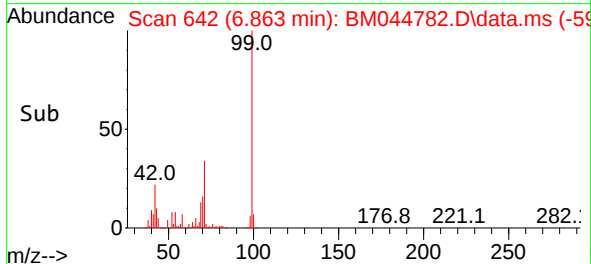
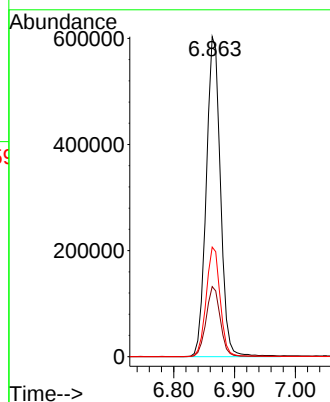
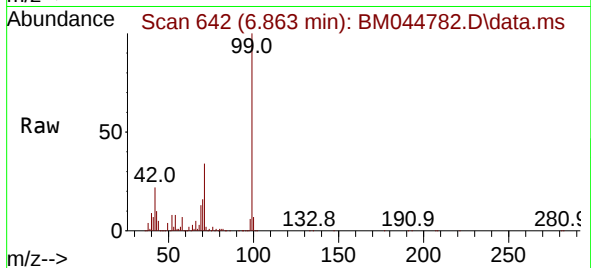




#7
Phenol-d6
Concen: 63.439 ng
RT: 6.863 min Scan# 64
Delta R.T. -0.018 min
Lab File: BM044782.D
Acq: 27 Mar 2024 16:54

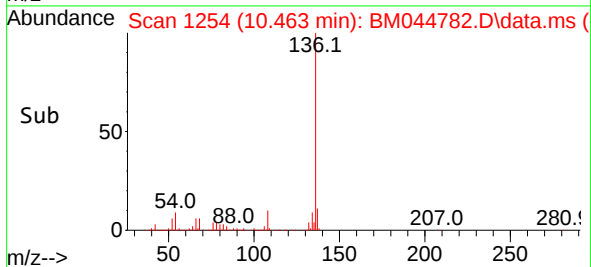
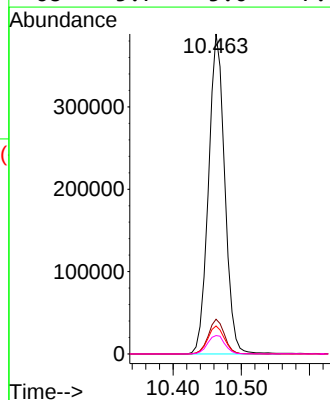
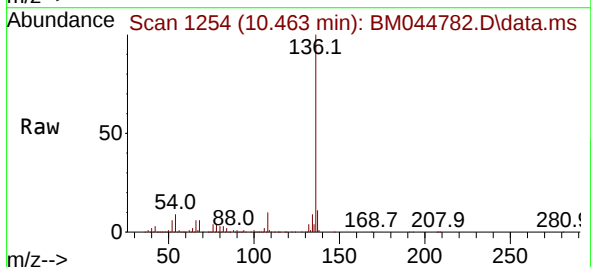
Instrument :
BNA_M
ClientSampleId :
SOIL-5

Tgt Ion: 99 Resp: 976310
Ion Ratio Lower Upper
99 100
42 21.9 14.3 21.5#
71 34.3 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.023 min
Lab File: BM044782.D
Acq: 27 Mar 2024 16:54

Tgt Ion: 136 Resp: 645712
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.8 6.6 10.0
68 5.7 5.0 7.4

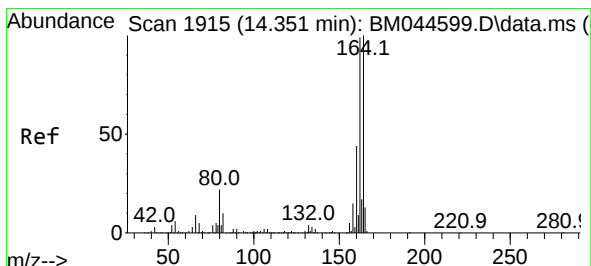
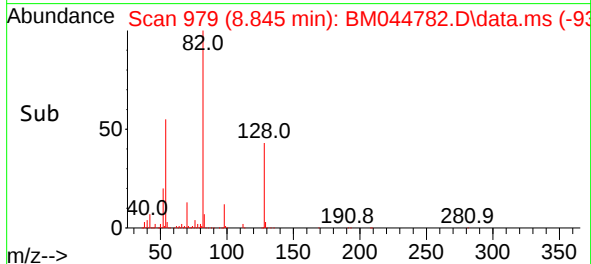
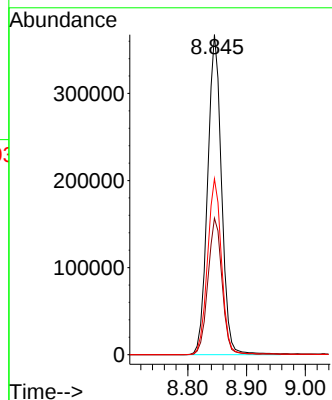
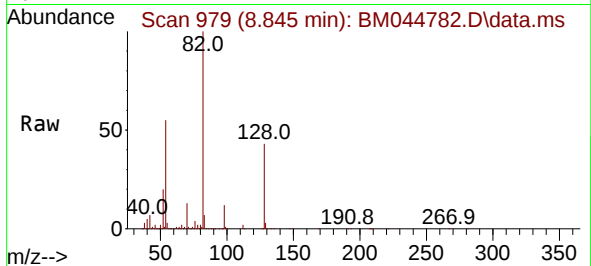




#23
Nitrobenzene-d5
Concen: 45.259 ng
RT: 8.845 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM044782.D
Acq: 27 Mar 2024 16:54

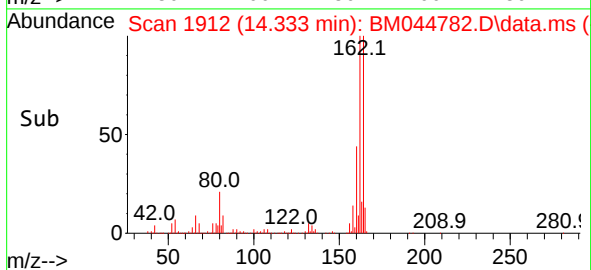
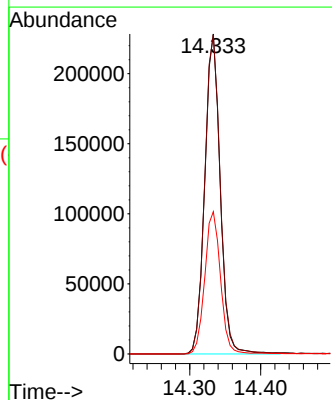
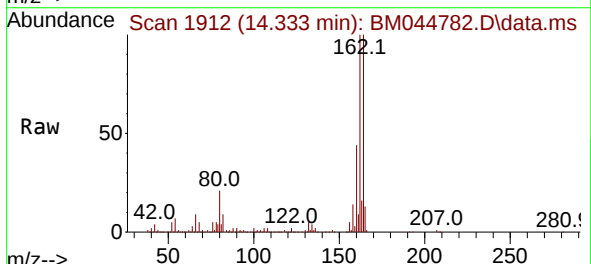
Instrument :
BNA_M
ClientSampleId :
SOIL-5

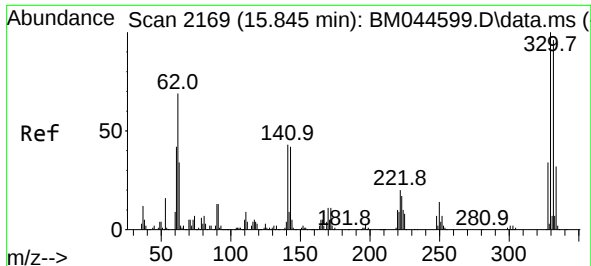
Tgt Ion: 82 Resp: 606625
Ion Ratio Lower Upper
82 100
128 42.7 34.2 51.4
54 54.9 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BM044782.D
Acq: 27 Mar 2024 16:54

Tgt Ion: 164 Resp: 345040
Ion Ratio Lower Upper
164 100
162 99.7 79.3 118.9
160 44.4 35.2 52.8

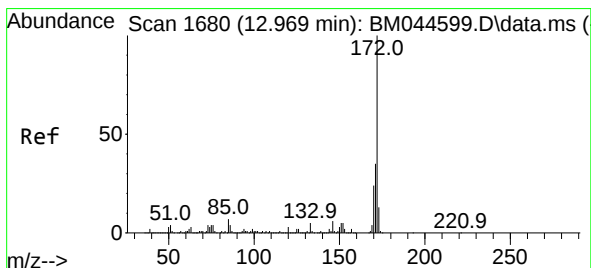
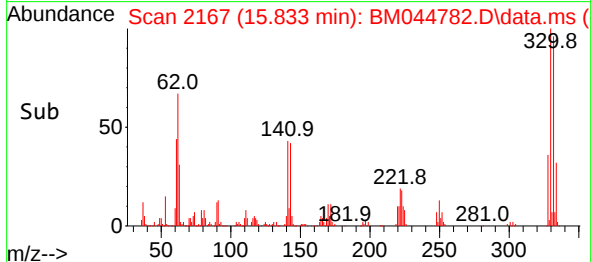
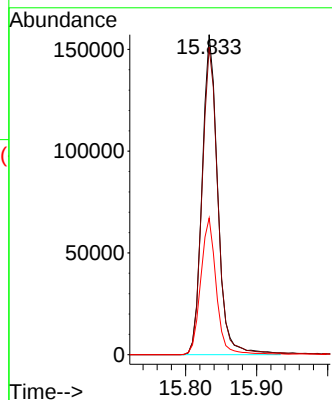
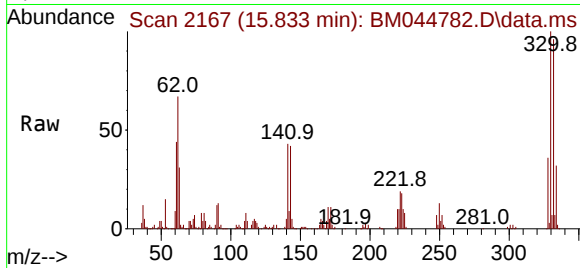




#42
2,4,6-Tribromophenol
Concen: 63.303 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044782.D
Acq: 27 Mar 2024 16:54

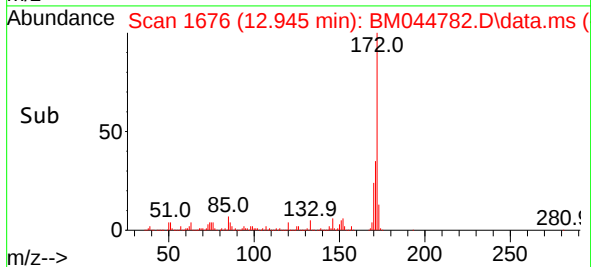
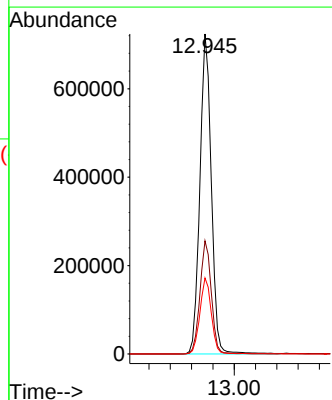
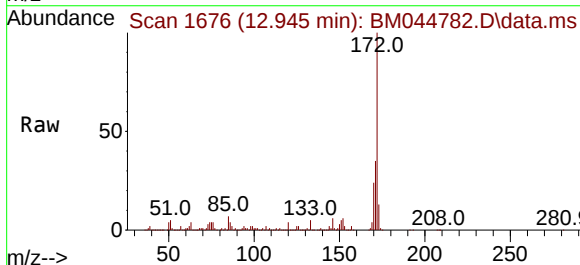
Instrument :
BNA_M
ClientSampleId :
SOIL-5

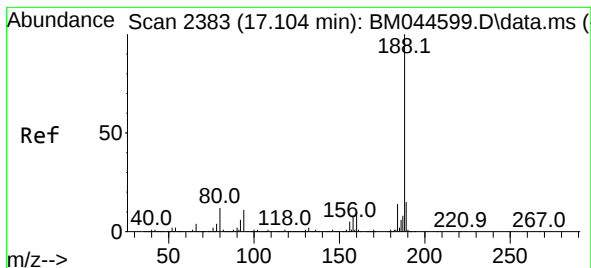
Tgt Ion:330 Resp: 240911
Ion Ratio Lower Upper
330 100
332 98.8 77.8 116.8
141 42.8 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 42.859 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044782.D
Acq: 27 Mar 2024 16:54

Tgt Ion:172 Resp: 1073754
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.8 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: BM044782.D

Acq: 27 Mar 2024 16:54

Instrument :

BNA_M

ClientSampleId :

SOIL-5

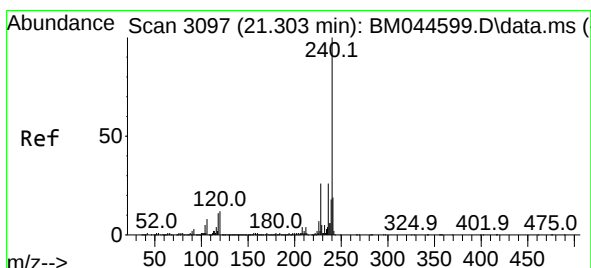
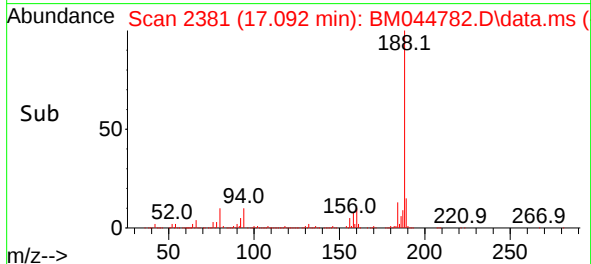
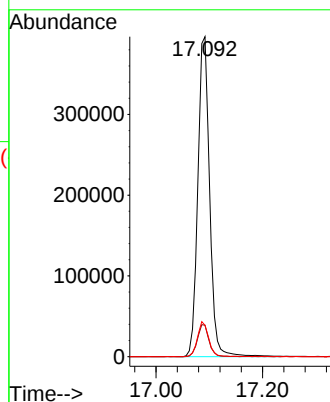
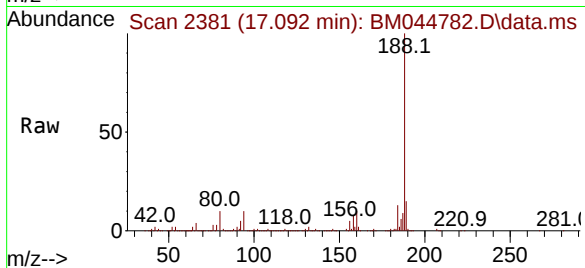
Tgt Ion:188 Resp: 610088

Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

80 9.8 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: BM044782.D

Acq: 27 Mar 2024 16:54

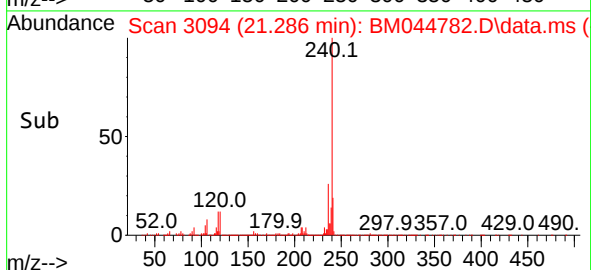
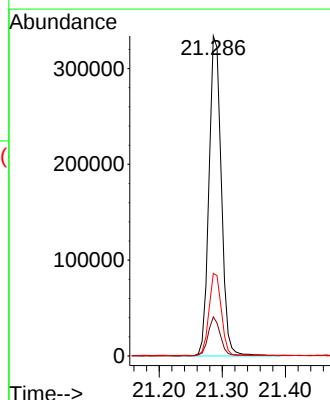
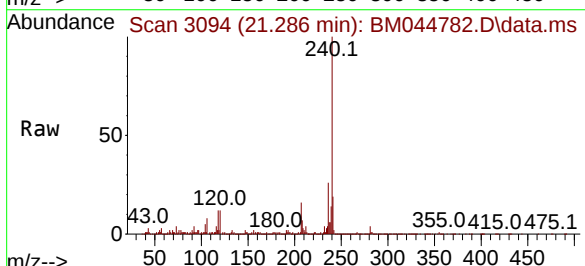
Tgt Ion:240 Resp: 452733

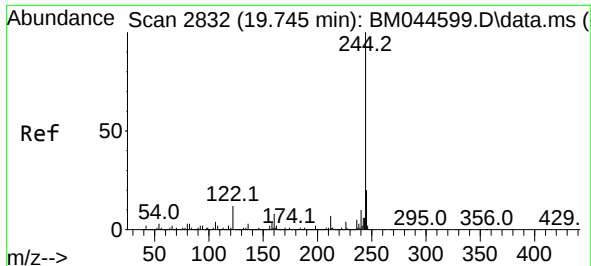
Ion Ratio Lower Upper

240 100

120 12.2 9.7 14.5

236 25.8 21.0 31.4

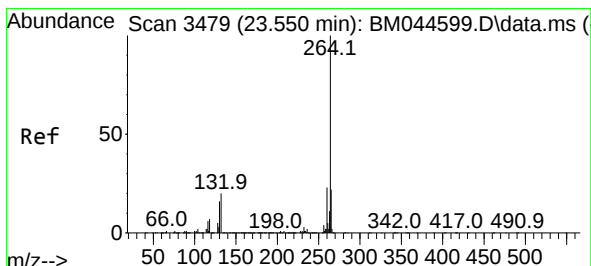
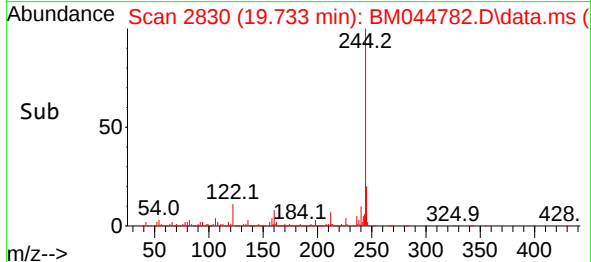
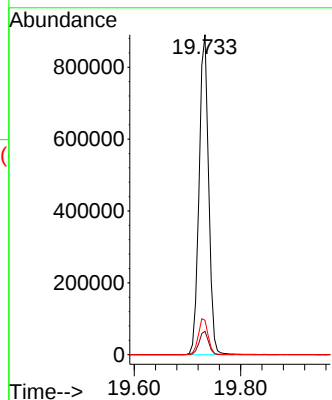
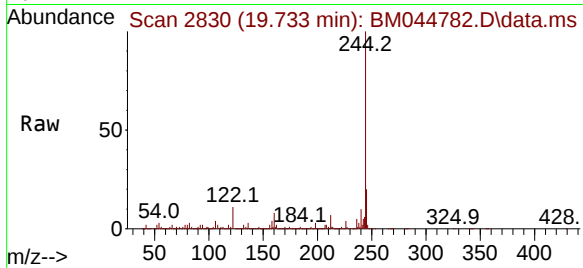




#79
 Terphenyl-d14
 Concen: 42.906 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM044782.D
 Acq: 27 Mar 2024 16:54

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-5

Tgt Ion:244 Resp: 1110417
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.8 9.7 14.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.533 min Scan# 3476
 Delta R.T. -0.018 min
 Lab File: BM044782.D
 Acq: 27 Mar 2024 16:54

Tgt Ion:264 Resp: 539569
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 22.3 17.5 26.3

