

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044790.D
 Acq On : 27 Mar 2024 21:46
 Operator : MA/JU
 Sample : P1869-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-4

Quant Time: Mar 28 01:02:13 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	162609	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	593468	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	306457	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	507584	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	401774	20.000	ng	-0.02
86) Perylene-d12	23.533	264	507079	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1457000	128.648	ng	0.00
7) Phenol-d6	6.863	99	1604662	110.132	ng	-0.02
23) Nitrobenzene-d5	8.845	82	1201079	97.499	ng	-0.02
42) 2,4,6-Tribromophenol	15.827	330	459587	135.968	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	2173028	97.656	ng	-0.02
79) Terphenyl-d14	19.727	244	2181143	94.968	ng	-0.02

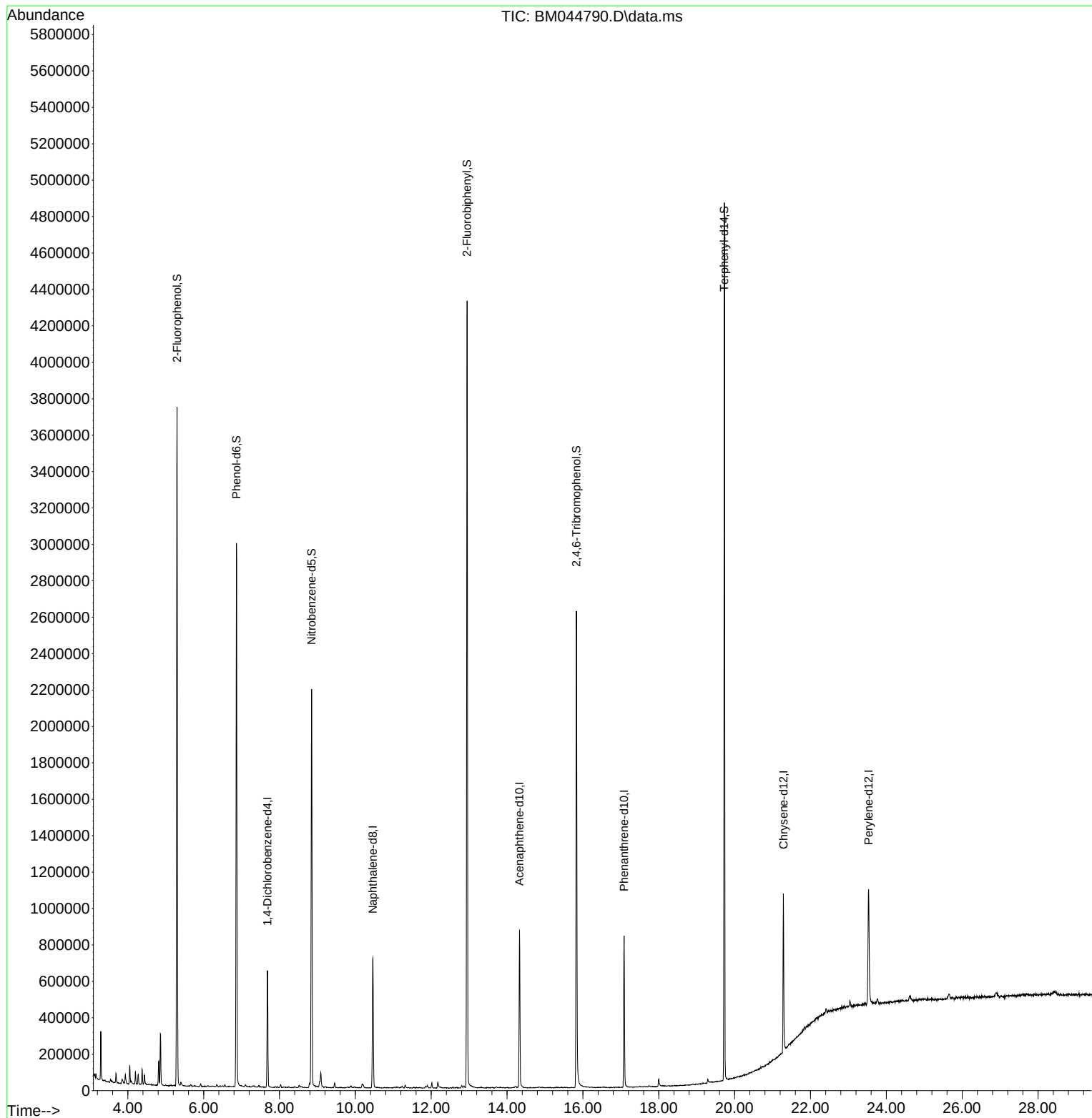
Target Compounds	Qvalue

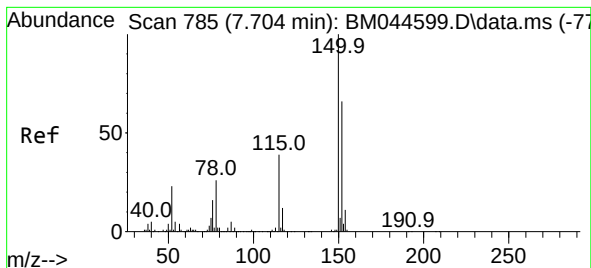
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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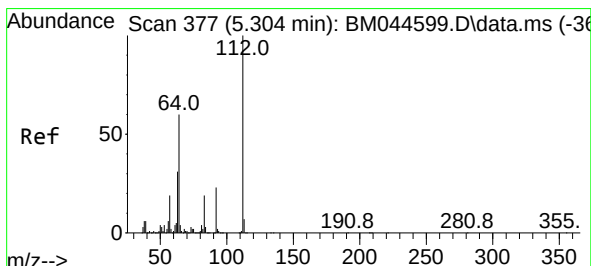
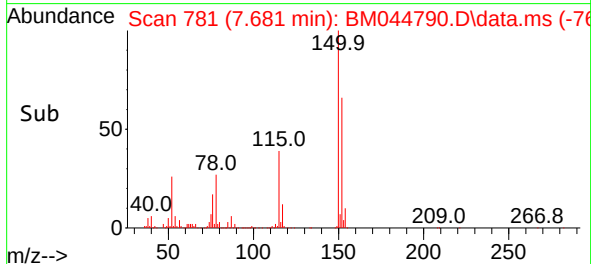
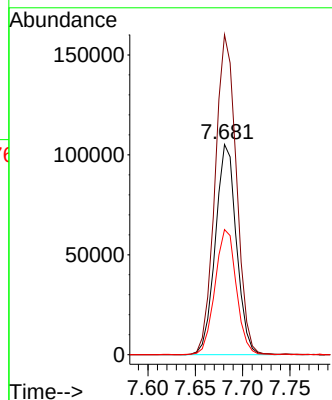
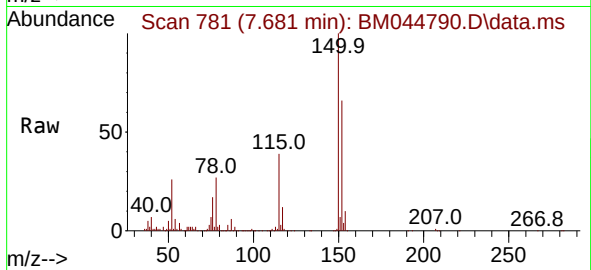




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.681 min Scan# 71
Delta R.T. -0.023 min
Lab File: BM044790.D
Acq: 27 Mar 2024 21:46

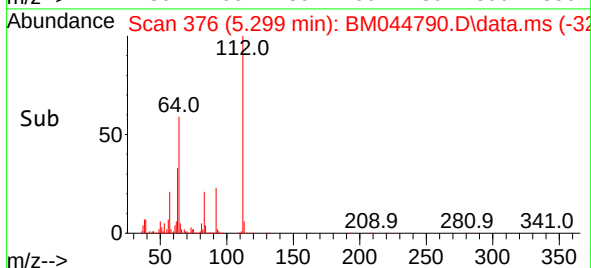
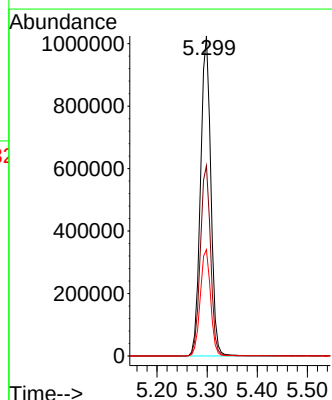
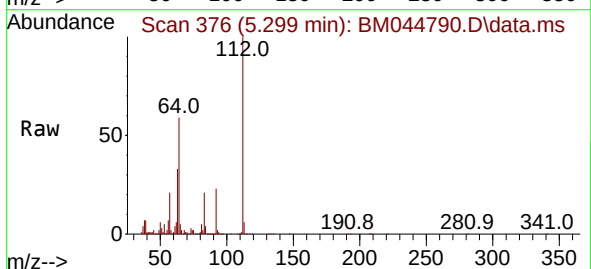
Instrument :
BNA_M
ClientSampleId :
SOIL-4

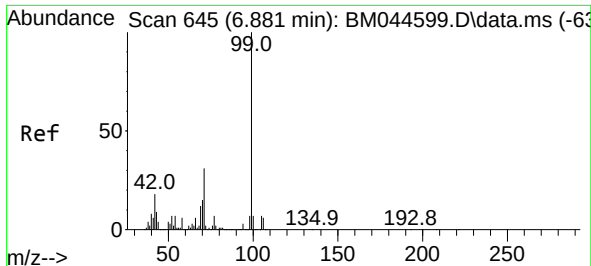
Tgt Ion:152 Resp: 162609
Ion Ratio Lower Upper
152 100
150 152.2 121.9 182.9
115 59.5 47.1 70.7



#5
2-Fluorophenol
Concen: 128.648 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BM044790.D
Acq: 27 Mar 2024 21:46

Tgt Ion:112 Resp: 1457000
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 33.2 25.0 37.4

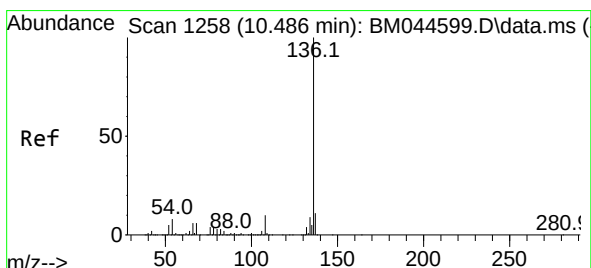
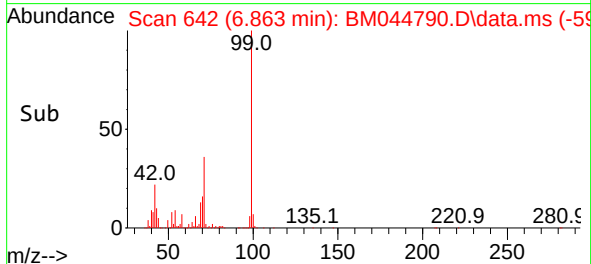
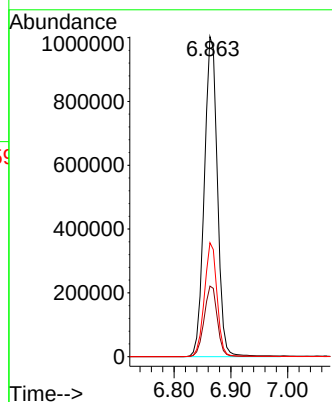
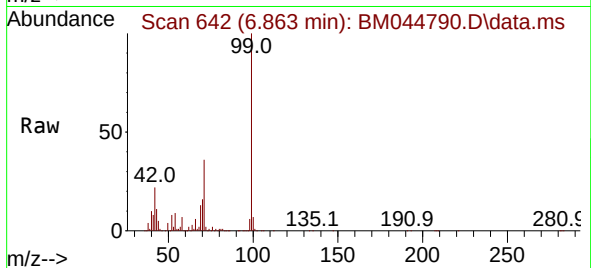




#7
Phenol-d6
Concen: 110.132 ng
RT: 6.863 min Scan# 64
Delta R.T. -0.017 min
Lab File: BM044790.D
Acq: 27 Mar 2024 21:46

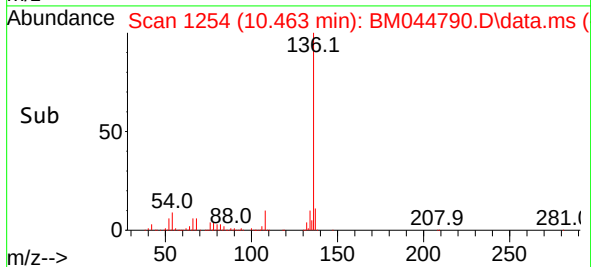
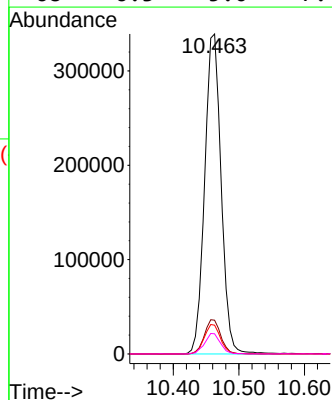
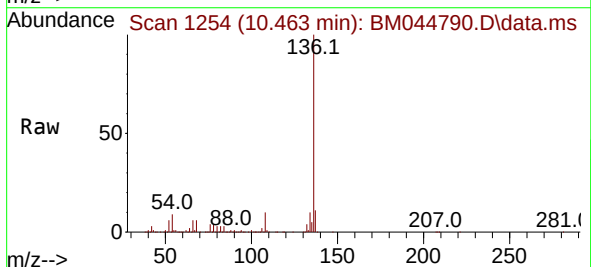
Instrument :
BNA_M
ClientSampleId :
SOIL-4

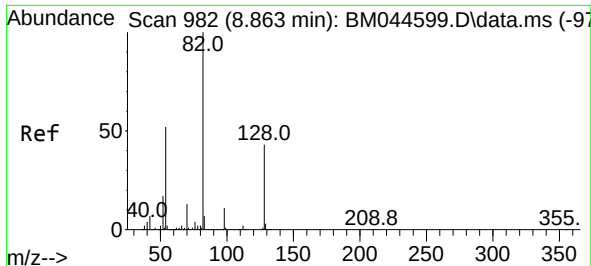
Tgt Ion: 99 Resp: 1604662
Ion Ratio Lower Upper
99 100
42 22.1 14.3 21.5#
71 35.6 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.023 min
Lab File: BM044790.D
Acq: 27 Mar 2024 21:46

Tgt Ion: 136 Resp: 593468
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.0 6.6 10.0
68 6.3 5.0 7.4

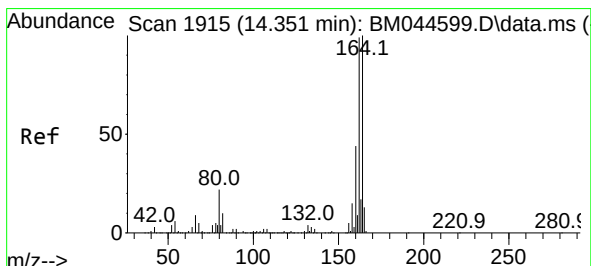
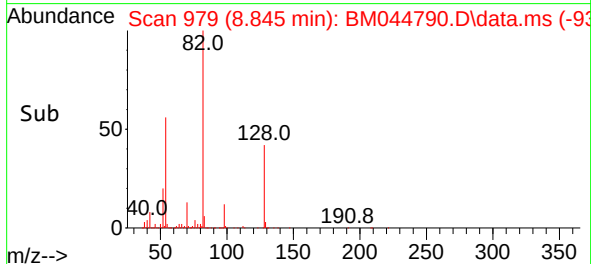
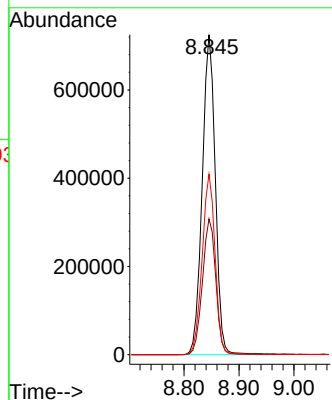
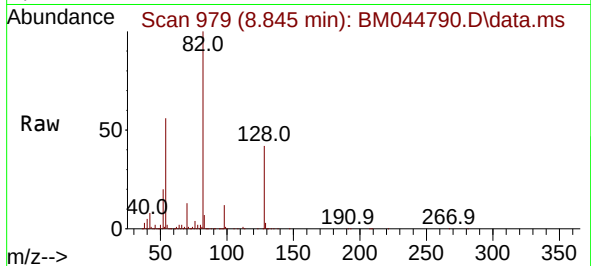




#23
Nitrobenzene-d5
Concen: 97.499 ng
RT: 8.845 min Scan# 911
Delta R.T. -0.017 min
Lab File: BM044790.D
Acq: 27 Mar 2024 21:46

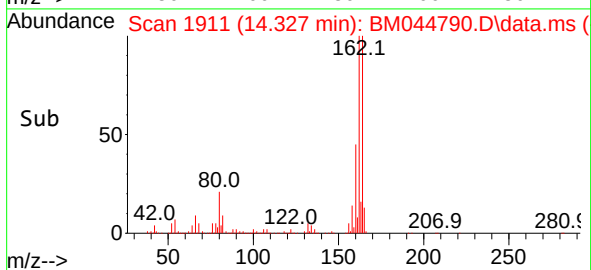
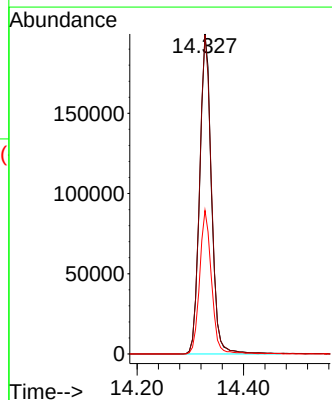
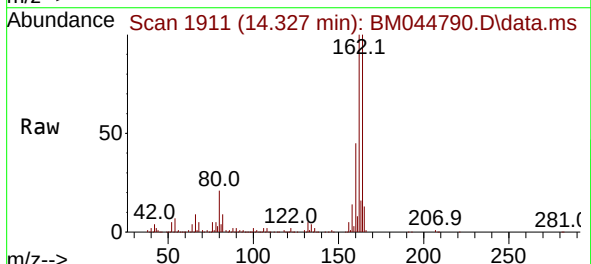
Instrument :
BNA_M
ClientSampleId :
SOIL-4

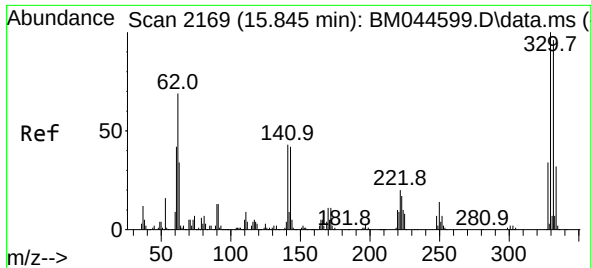
Tgt Ion: 82 Resp: 1201079
Ion Ratio Lower Upper
82 100
128 42.4 34.2 51.4
54 56.4 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044790.D
Acq: 27 Mar 2024 21:46

Tgt Ion: 164 Resp: 306457
Ion Ratio Lower Upper
164 100
162 99.7 79.3 118.9
160 44.8 35.2 52.8

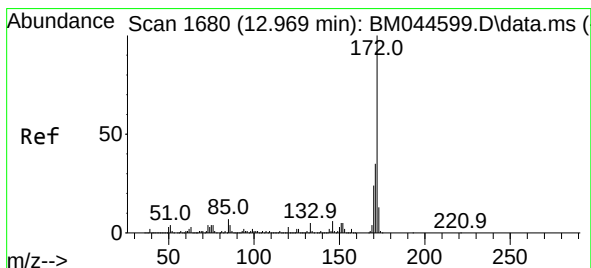
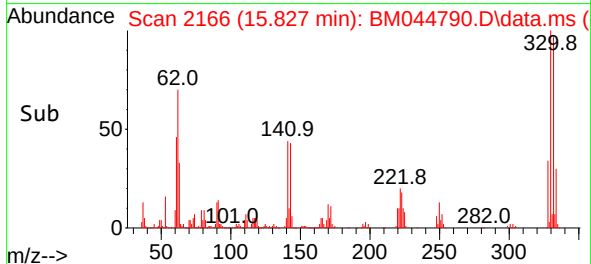
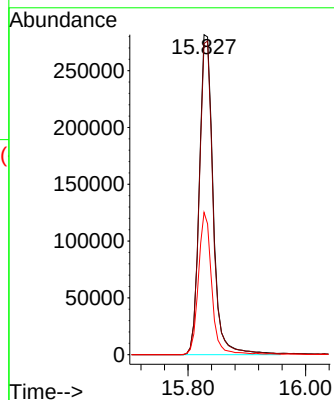
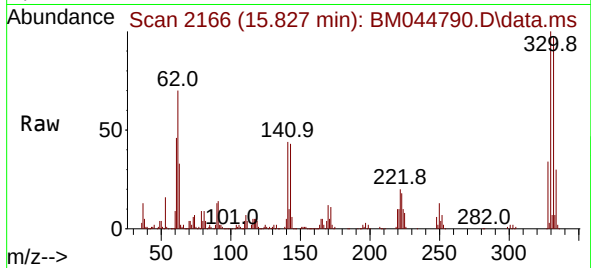




#42
2,4,6-Tribromophenol
Concen: 135.968 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BM044790.D
Acq: 27 Mar 2024 21:46

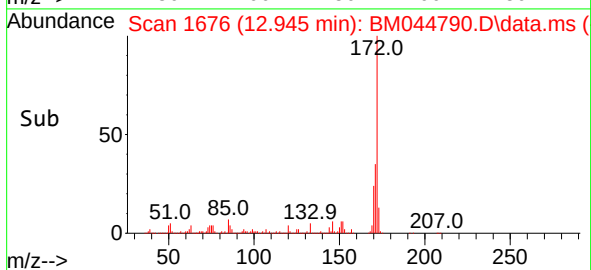
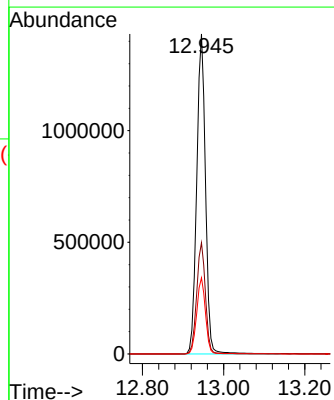
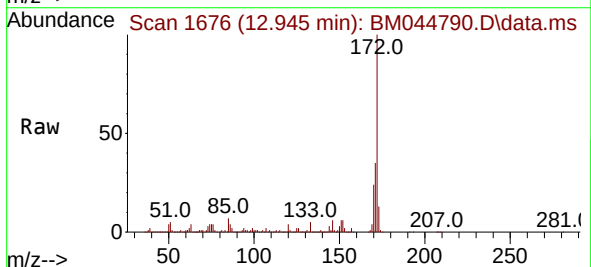
Instrument :
BNA_M
ClientSampleId :
SOIL-4

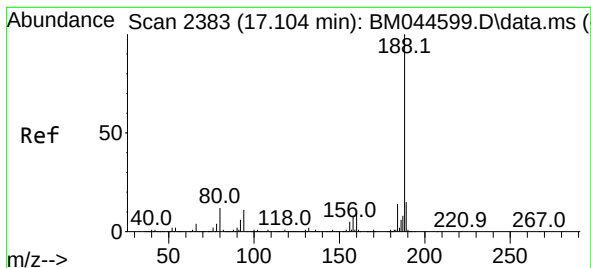
Tgt Ion:330 Resp: 459587
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 42.6 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 97.656 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044790.D
Acq: 27 Mar 2024 21:46

Tgt Ion:172 Resp: 2173028
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044790.D

Acq: 27 Mar 2024 21:46

Instrument :

BNA_M

ClientSampleId :

SOIL-4

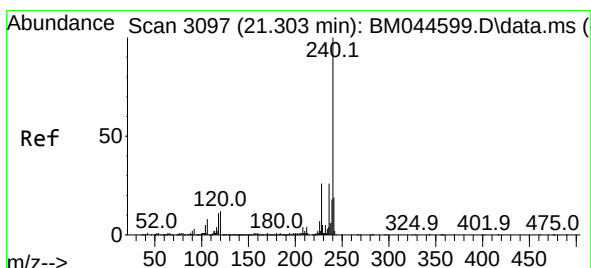
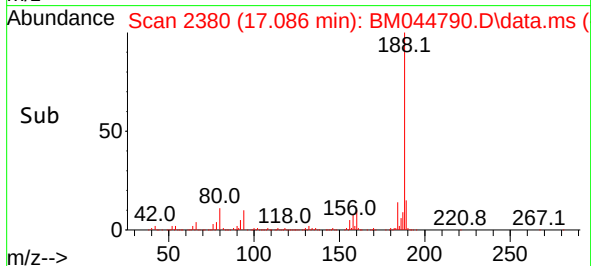
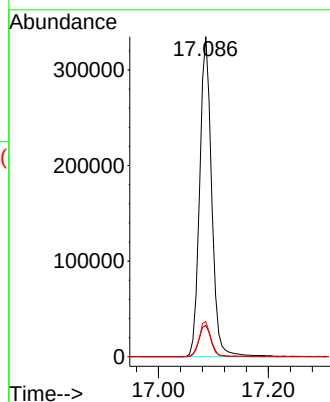
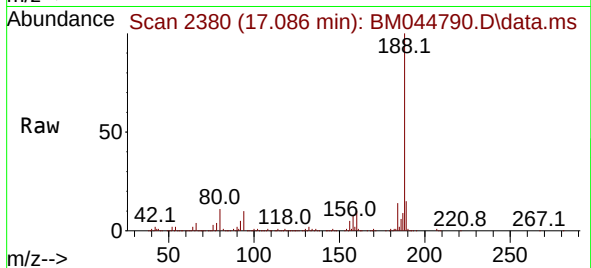
Tgt Ion:188 Resp: 507584

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. -0.017 min

Lab File: BM044790.D

Acq: 27 Mar 2024 21:46

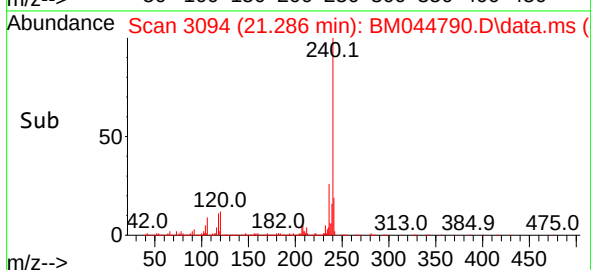
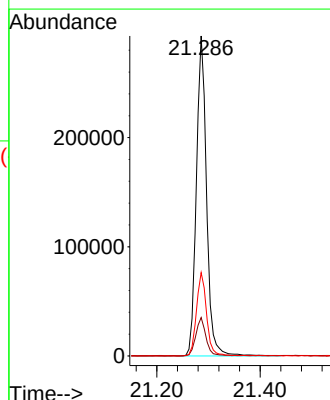
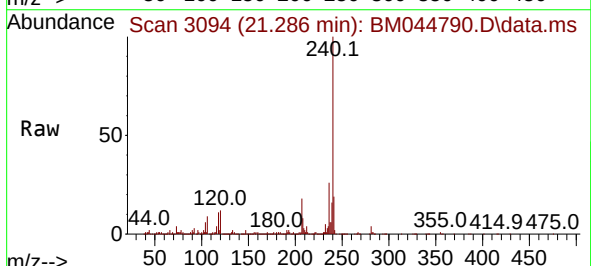
Tgt Ion:240 Resp: 401774

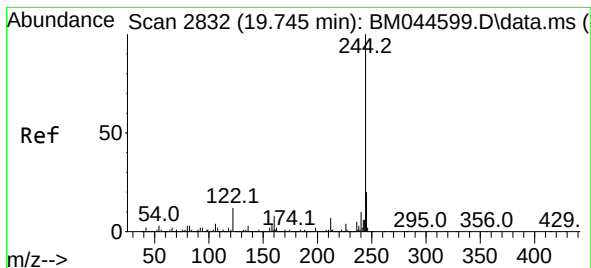
Ion Ratio Lower Upper

240 100

120 12.0 9.7 14.5

236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 94.968 ng

RT: 19.727 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044790.D

Acq: 27 Mar 2024 21:46

Instrument :

BNA_M

ClientSampleId :

SOIL-4

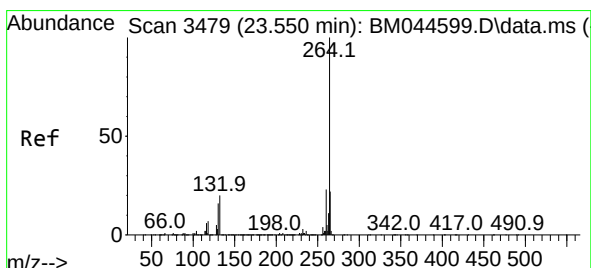
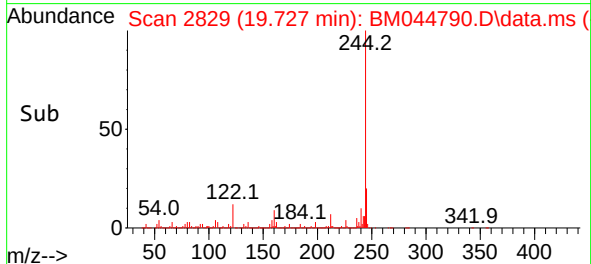
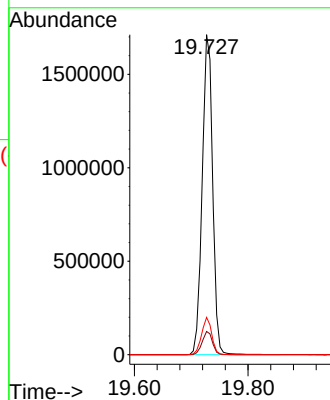
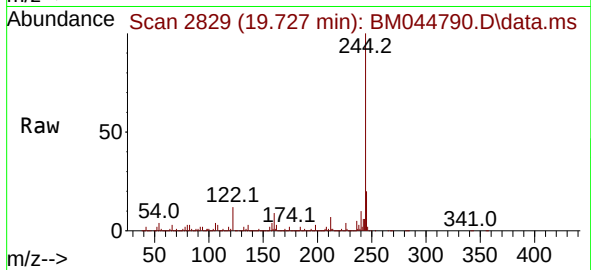
Tgt Ion:244 Resp: 2181143

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 11.6 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.533 min Scan# 3476

Delta R.T. -0.017 min

Lab File: BM044790.D

Acq: 27 Mar 2024 21:46

Tgt Ion:264 Resp: 507079

Ion Ratio Lower Upper

264 100

260 24.2 18.3 27.5

265 22.1 17.5 26.3

