

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044783.D
 Acq On : 27 Mar 2024 17:31
 Operator : MA/JU
 Sample : P1869-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-5

Quant Time: Mar 27 17:59:39 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	169743	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	629370	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	325719	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	565509	20.000	ng	-0.01
76) Chrysene-d12	21.291	240	467694	20.000	ng	-0.01
86) Perylene-d12	23.538	264	568513	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1570584	132.849	ng	0.00
7) Phenol-d6	6.869	99	1748550	114.964	ng	-0.01
23) Nitrobenzene-d5	8.851	82	1297399	99.310	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	542450	150.993	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2370323	100.223	ng	-0.02
79) Terphenyl-d14	19.733	244	2617406	97.901	ng	-0.01

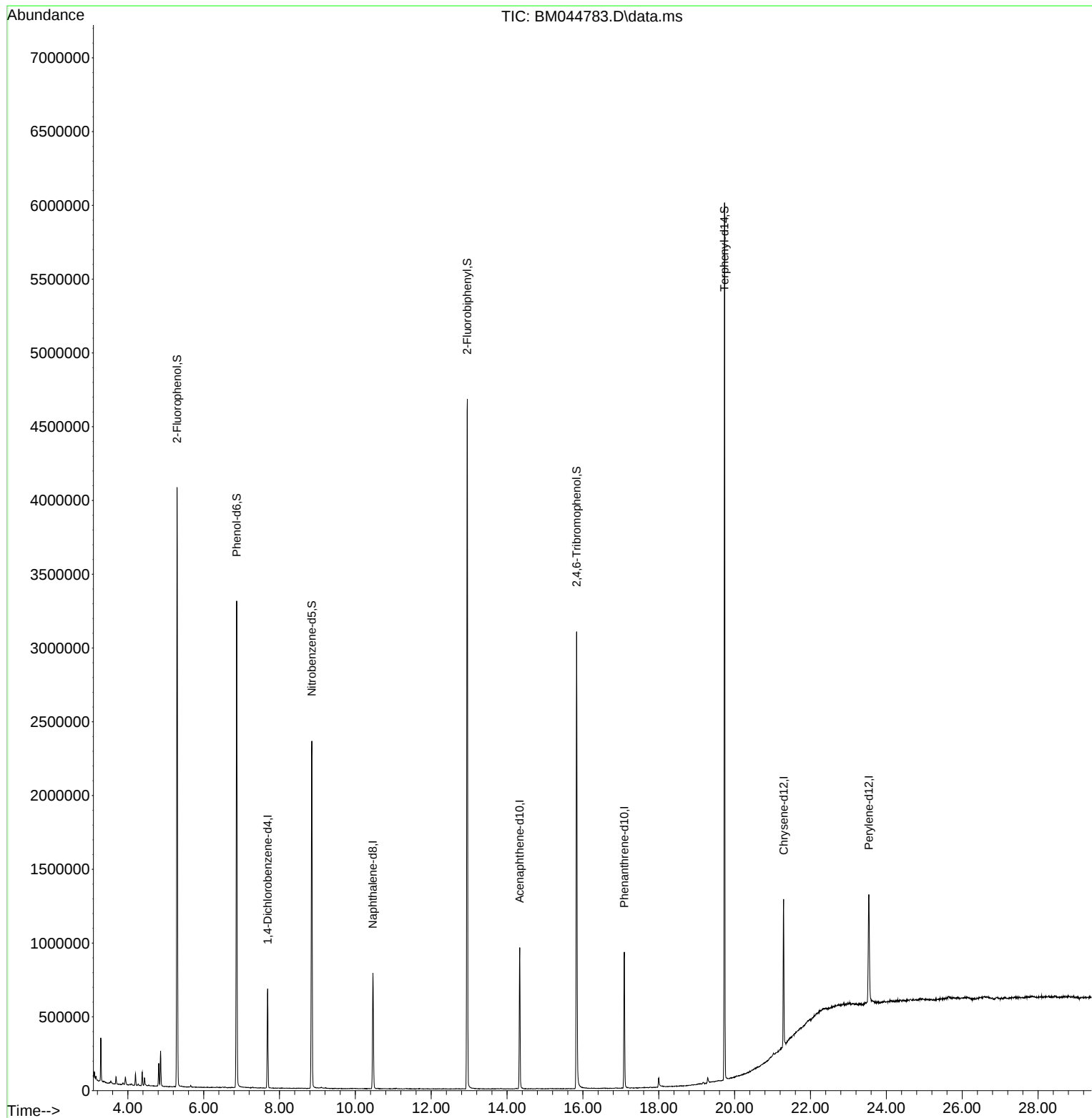
Target Compounds	Qvalue

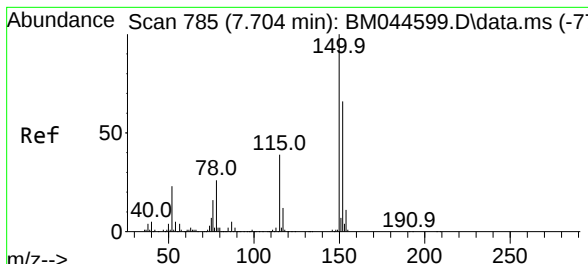
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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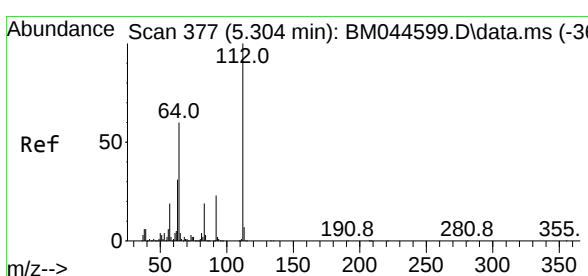
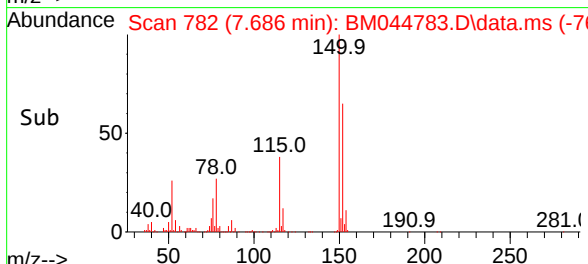
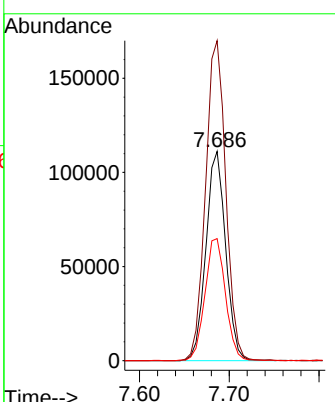
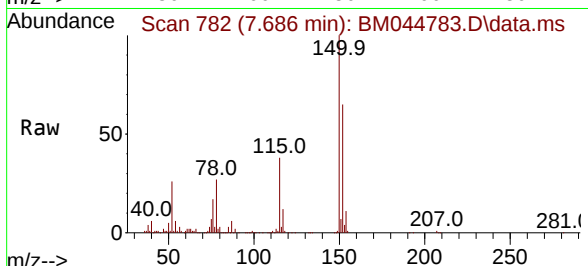


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.686 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BM044783.D
 Acq: 27 Mar 2024 17:31

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-5

Tgt Ion:152 Resp: 169743

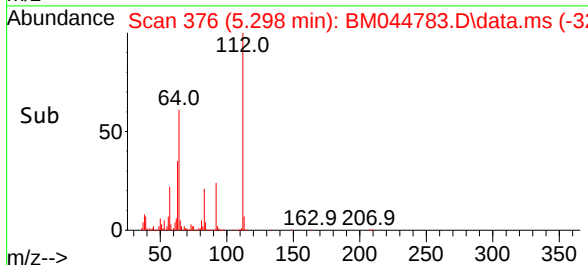
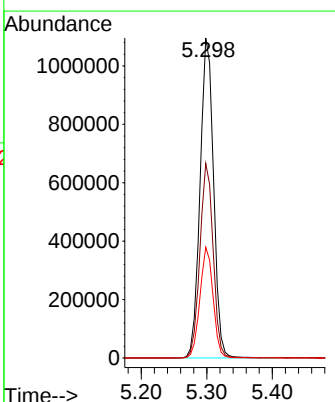
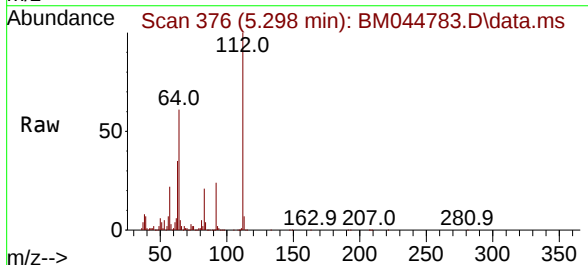
Ion	Ratio	Lower	Upper
152	100		
150	153.0	121.9	182.9
115	58.3	47.1	70.7

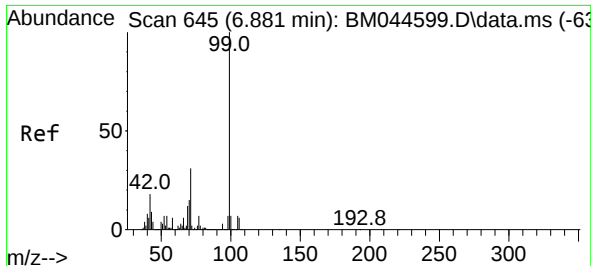


#5
 2-Fluorophenol
 Concen: 132.849 ng
 RT: 5.298 min Scan# 376
 Delta R.T. -0.006 min
 Lab File: BM044783.D
 Acq: 27 Mar 2024 17:31

Tgt Ion:112 Resp: 1570584

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	34.6	25.0	37.4

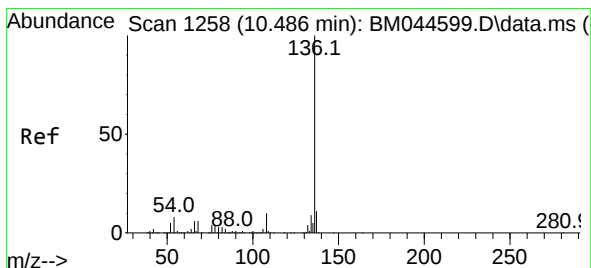
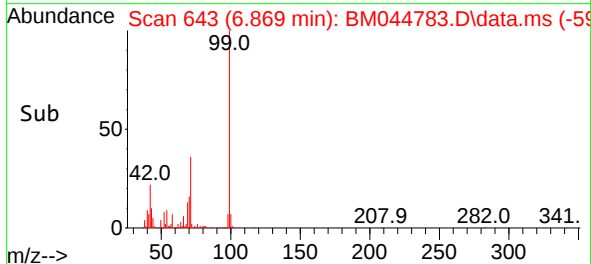
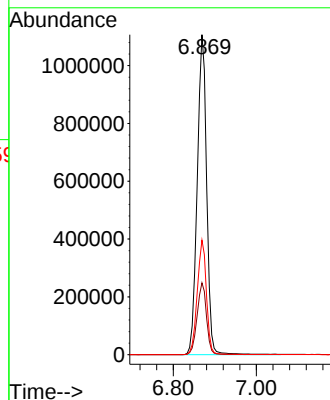
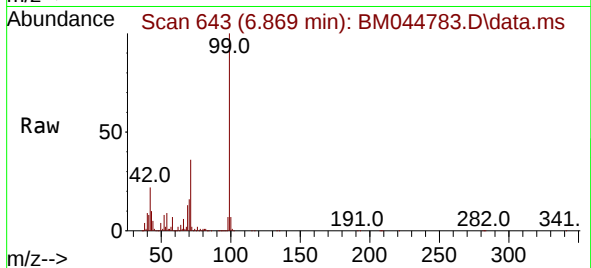




#7
Phenol-d6
Concen: 114.964 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

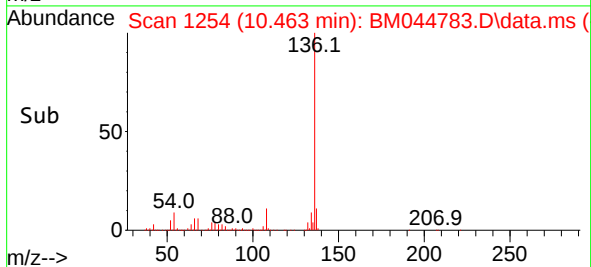
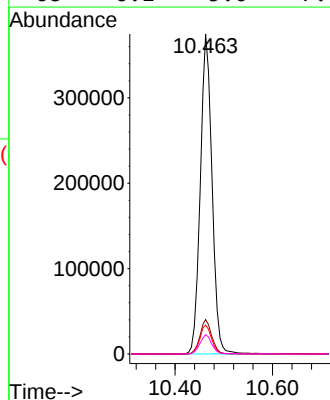
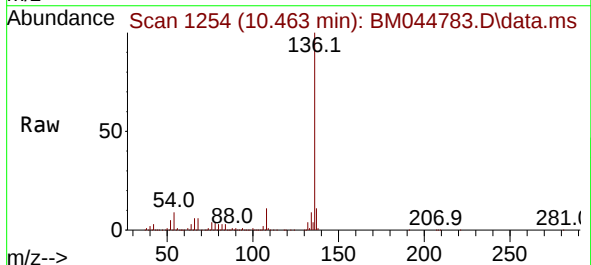
Instrument :
BNA_M
ClientSampleId :
SOIL-5

Tgt Ion: 99 Resp: 1748550
Ion Ratio Lower Upper
99 100
42 22.5 14.3 21.5#
71 35.8 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: BM044783.D
Acq: 27 Mar 2024 17:31

Tgt Ion: 136 Resp: 629370
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.0 6.6 10.0
68 6.1 5.0 7.4

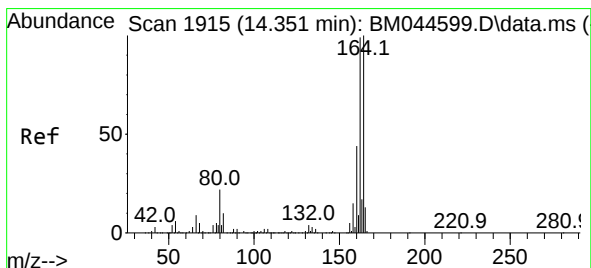
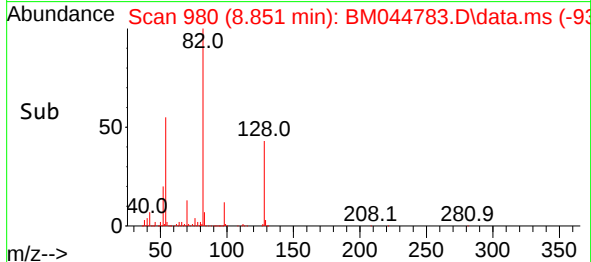
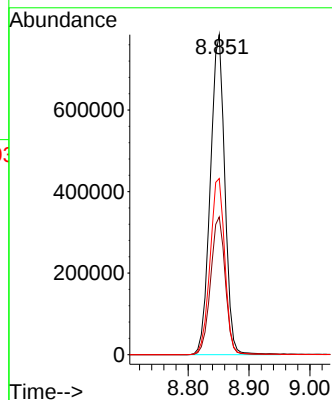
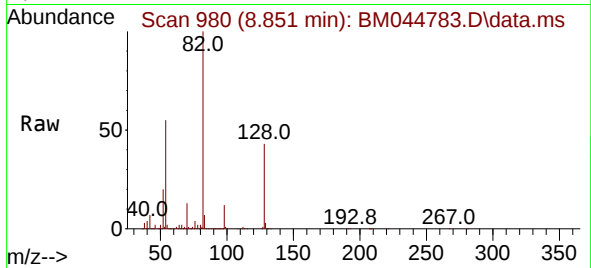




#23
Nitrobenzene-d5
Concen: 99.310 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

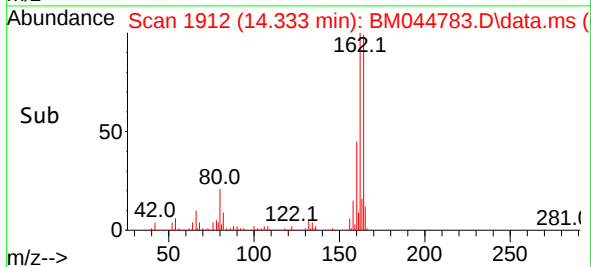
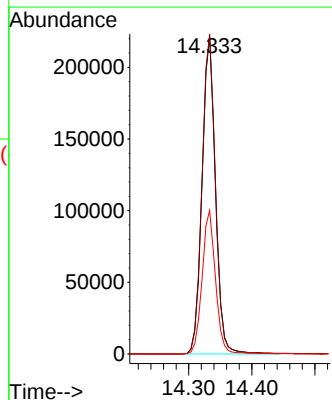
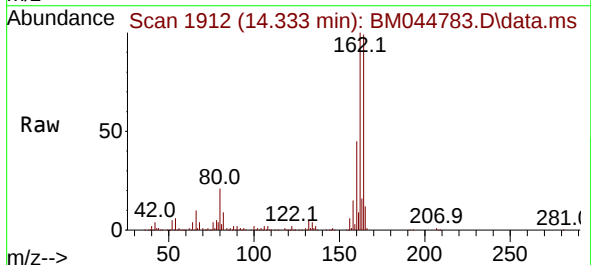
Instrument :
BNA_M
ClientSampleId :
SOIL-5

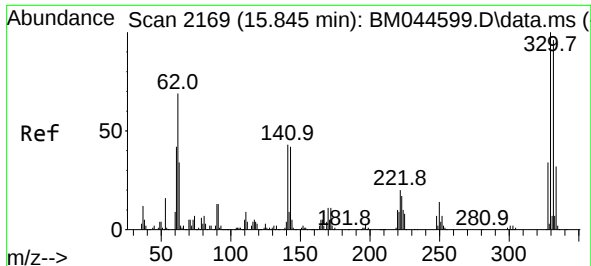
Tgt Ion: 82 Resp: 1297399
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.4
54 55.0 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

Tgt Ion: 164 Resp: 325719
Ion Ratio Lower Upper
164 100
162 101.0 79.3 118.9
160 45.3 35.2 52.8

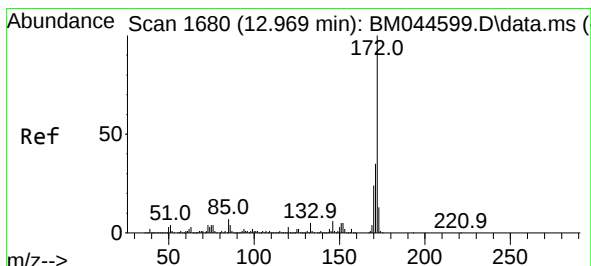
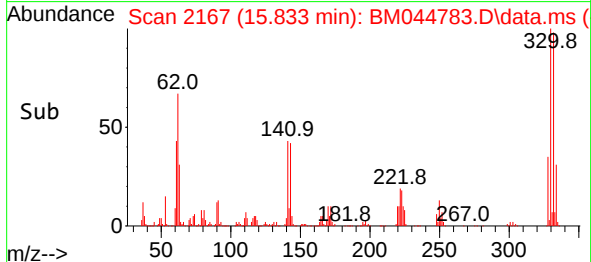
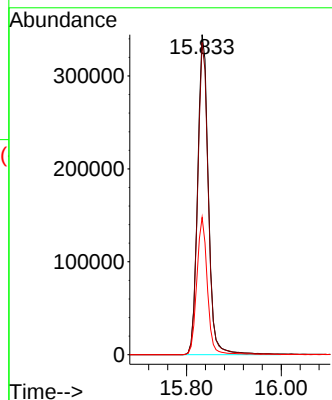
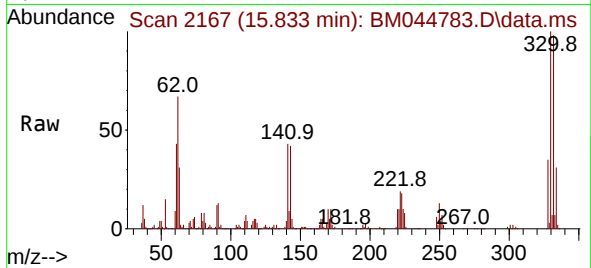




#42
2,4,6-Tribromophenol
Concen: 150.993 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

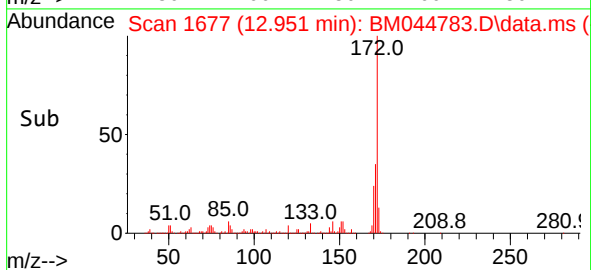
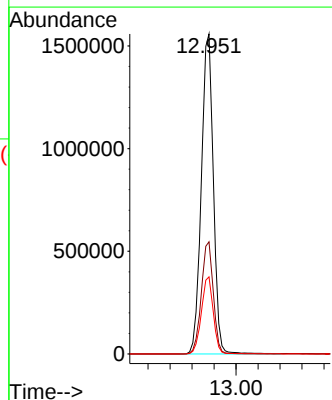
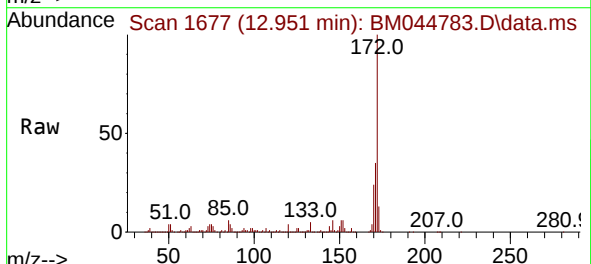
Instrument :
BNA_M
ClientSampleId :
SOIL-5

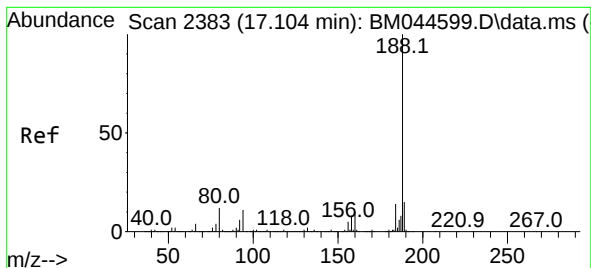
Tgt Ion:330 Resp: 542450
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 42.3 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 100.223 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.018 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

Tgt Ion:172 Resp: 2370323
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 24.1 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: BM044783.D

Acq: 27 Mar 2024 17:31

Instrument :

BNA_M

ClientSampleId :

SOIL-5

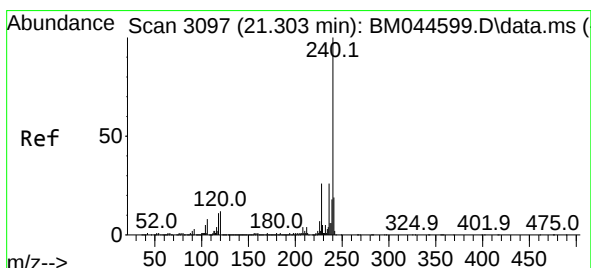
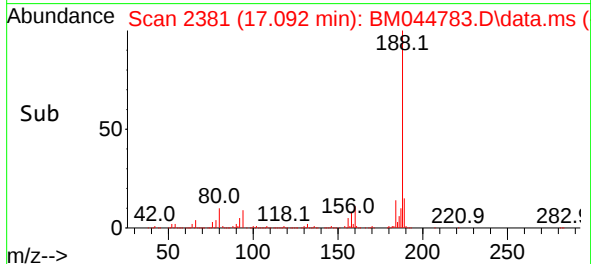
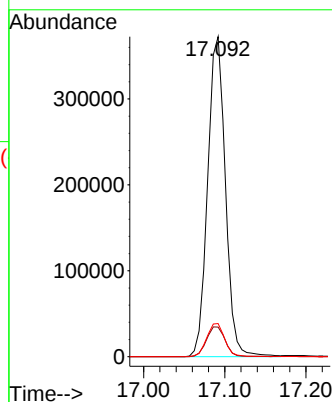
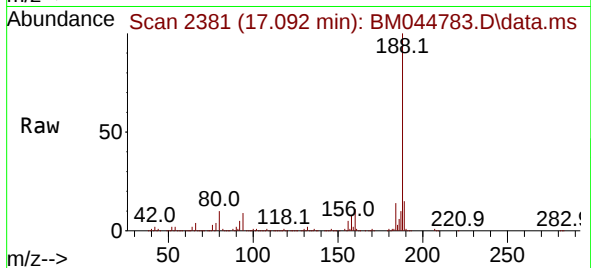
Tgt Ion:188 Resp: 565509

Ion Ratio Lower Upper

188 100

94 9.2 8.4 12.6

80 10.3 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: BM044783.D

Acq: 27 Mar 2024 17:31

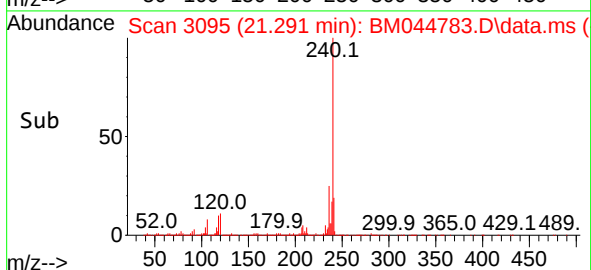
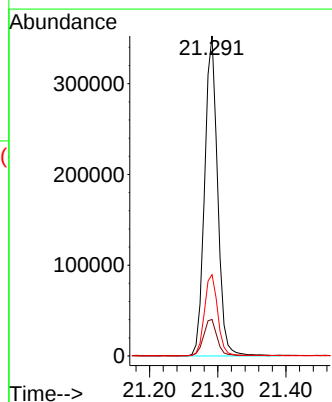
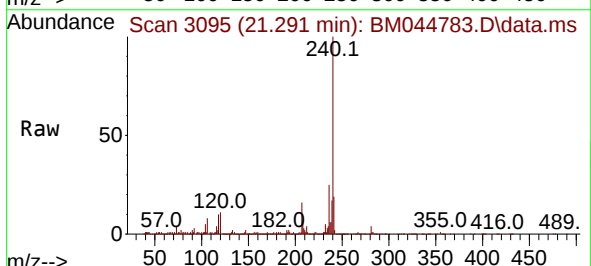
Tgt Ion:240 Resp: 467694

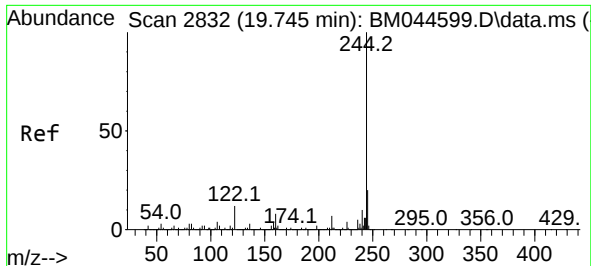
Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

236 25.4 21.0 31.4

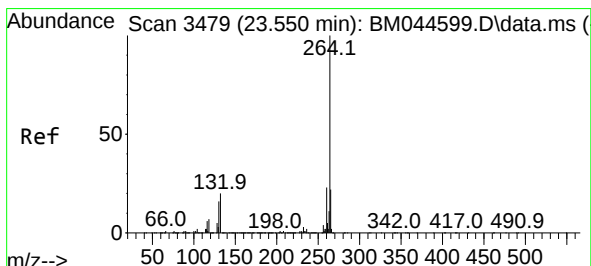
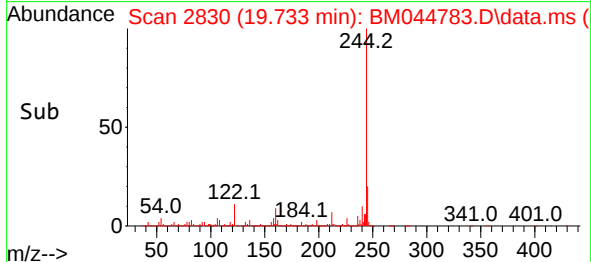
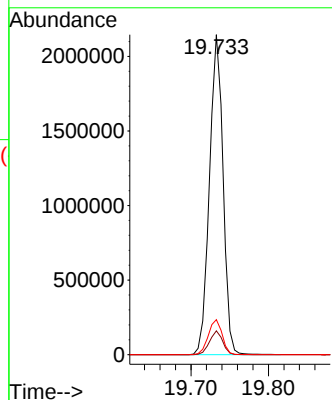
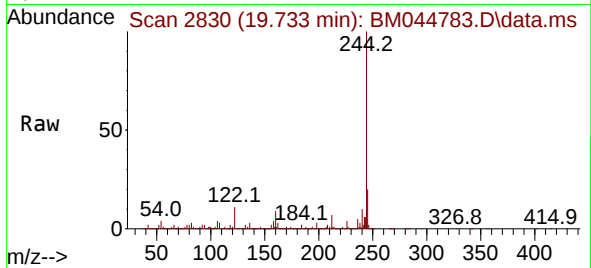




#79
 Terphenyl-d14
 Concen: 97.901 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM044783.D
 Acq: 27 Mar 2024 17:31

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-5

Tgt Ion:244 Resp: 2617406
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 10.9 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: BM044783.D
 Acq: 27 Mar 2024 17:31

Tgt Ion:264 Resp: 568513
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.3 27.5
 265 21.7 17.5 26.3

