

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)

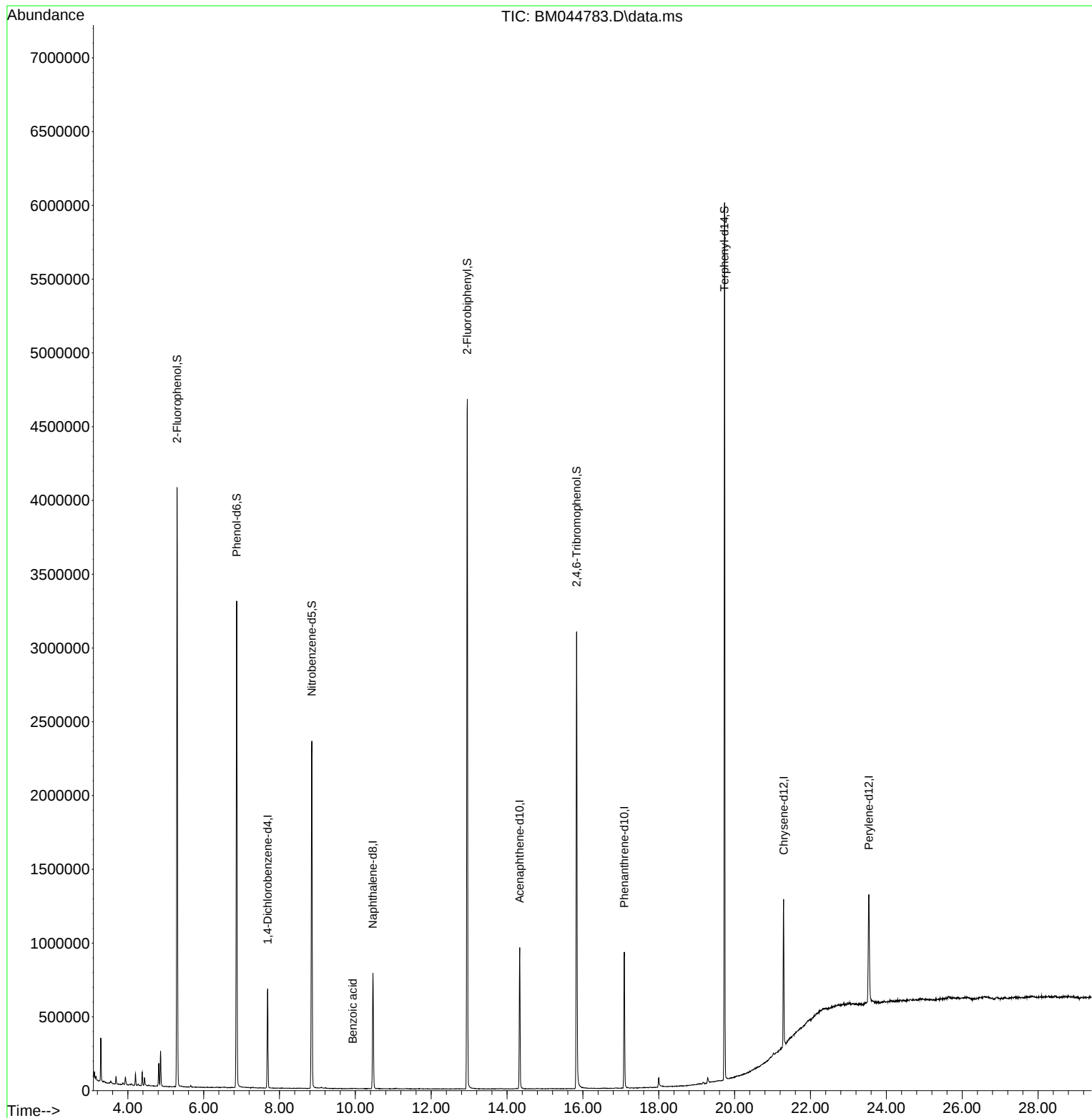
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.686	152	169743	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	629370	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	325719	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	565509	20.000	ng	-0.01
76) Chrysene-d12	21.291	240	467694	20.000	ng	-0.01
86) 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						
32) Benzoic acid	9.933	122	181	3.641	ng	Qvalue # 4

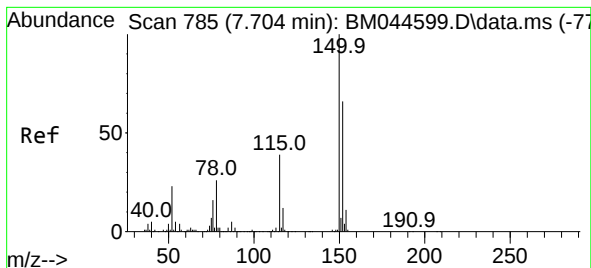
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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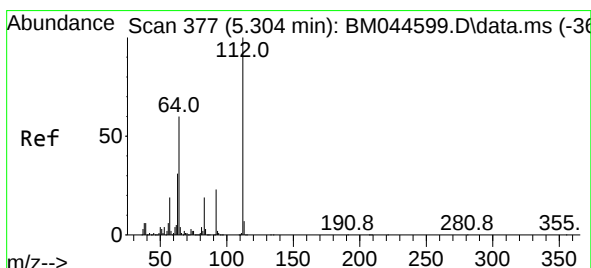
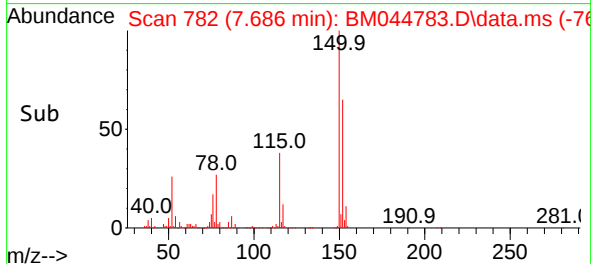
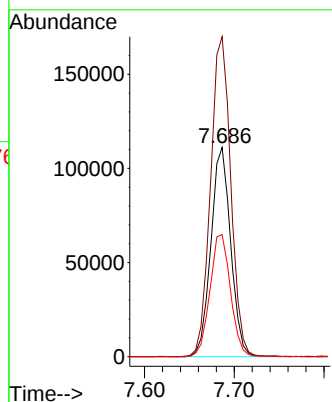
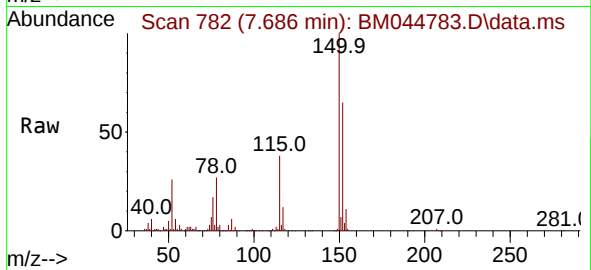




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.686 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

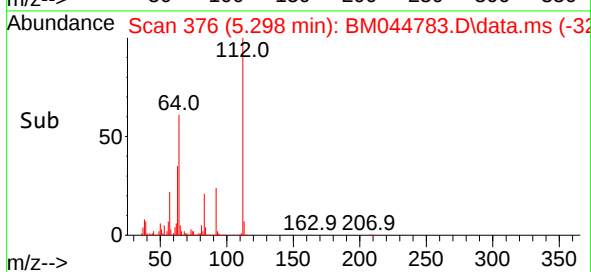
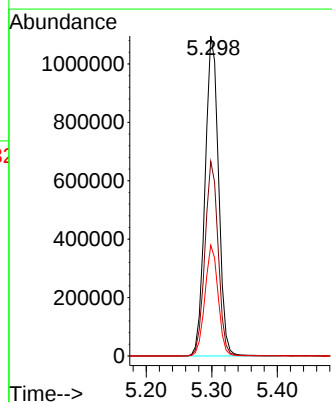
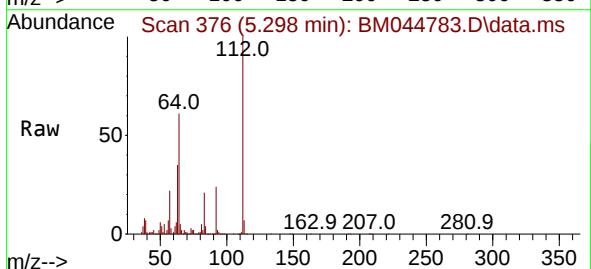
Instrument :
BNA_M
ClientSampleId :
SOIL-5

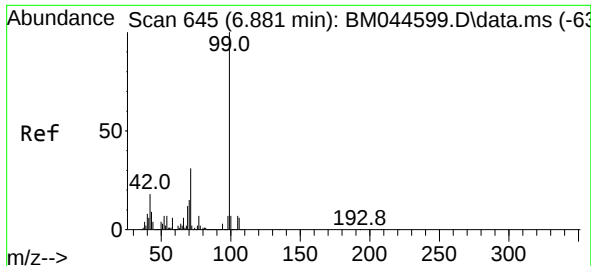
Tgt Ion:152 Resp: 169743
Ion Ratio Lower Upper
152 100
150 153.0 121.9 182.9
115 58.3 47.1 70.7



#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

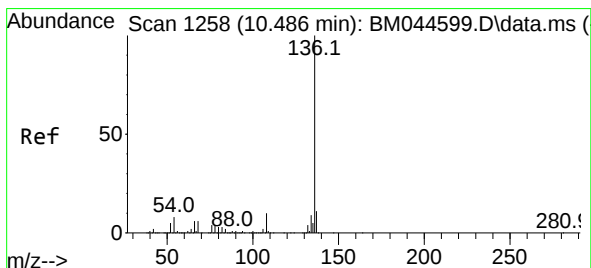
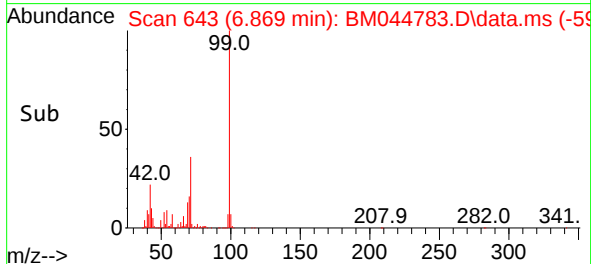
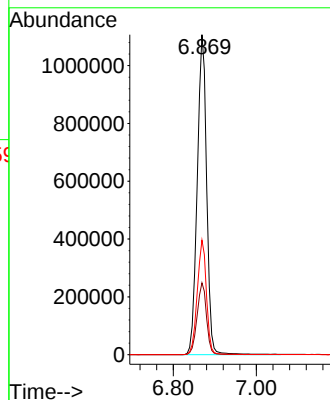
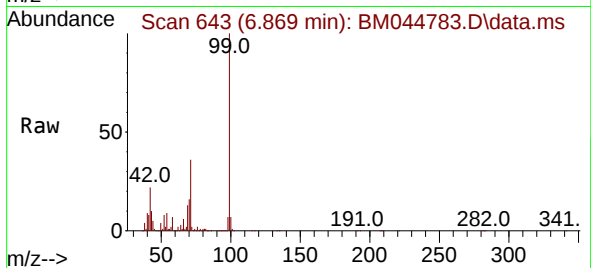




#7
Phenol-d6
Concen: 114.964 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

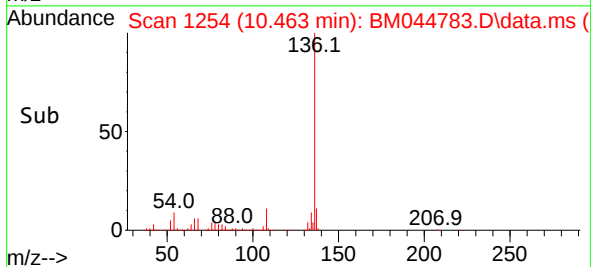
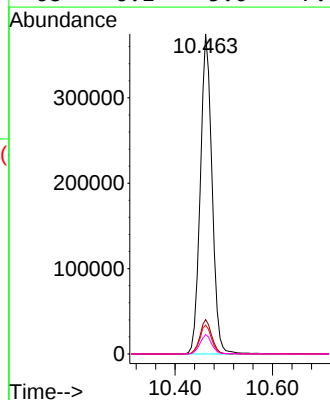
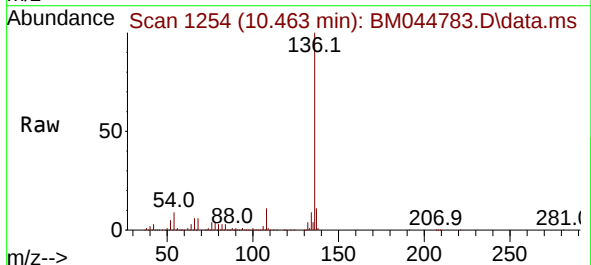
Instrument :
BNA_M
ClientSampleId :
SOIL-5

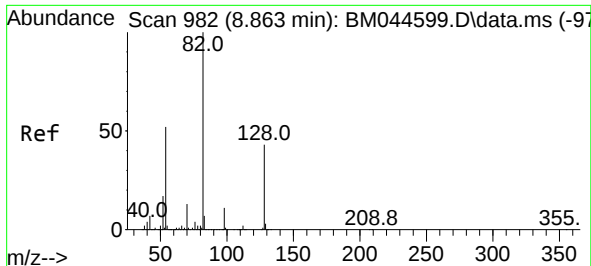
Tgt Ion: 99 Resp: 1748550
Ion Ratio Lower Upper
99 100
42 22.5 14.3 21.5#
71 35.8 24.5 36.7



#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

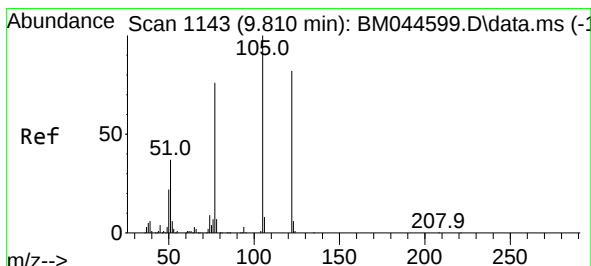
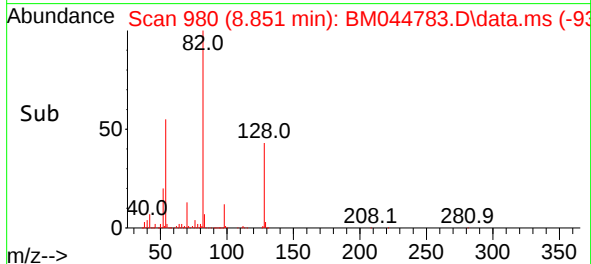
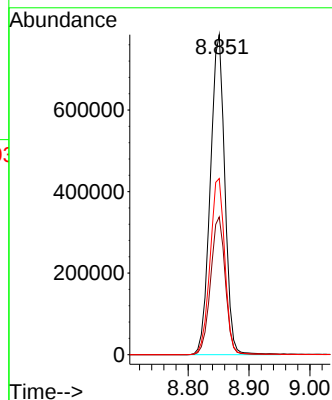
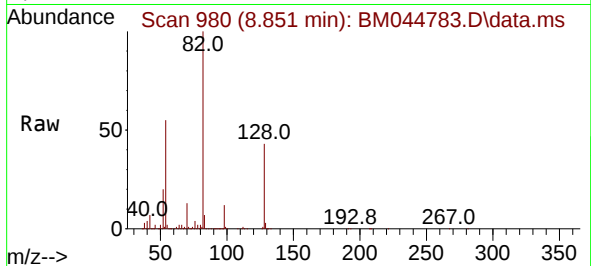




#23
Nitrobenzene-d5
Concen: 99.310 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

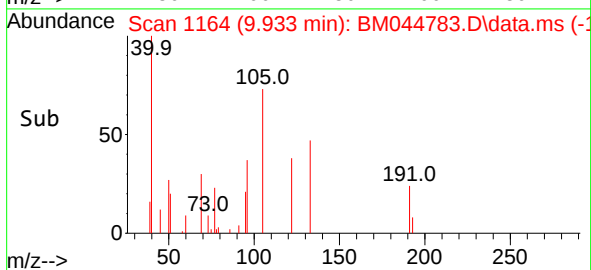
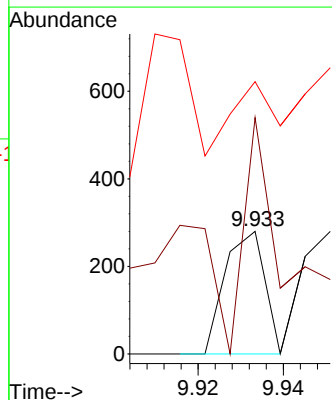
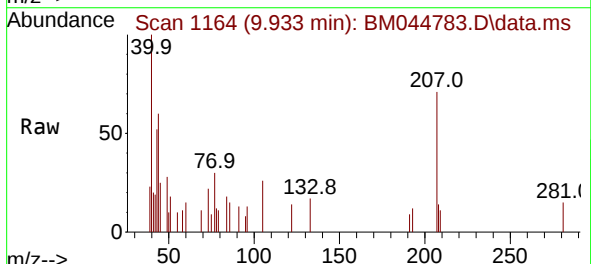
Instrument :
BNA_M
ClientSampleId :
SOIL-5

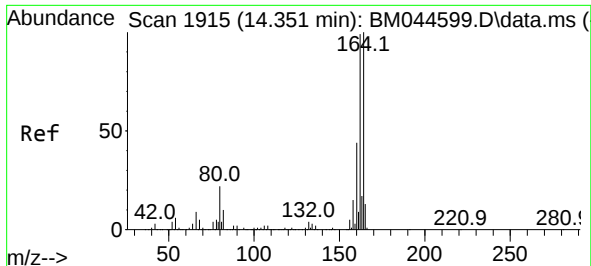
Tgt Ion: 82 Resp: 1297399
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.4
54 55.0 41.3 61.9



#32
Benzoic acid
Concen: 3.641 ng
RT: 9.933 min Scan# 1164
Delta R.T. 0.123 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

Tgt Ion: 122 Resp: 181
Ion Ratio Lower Upper
122 100
105 192.9 100.0 140.0#
77 222.1 72.5 112.5#

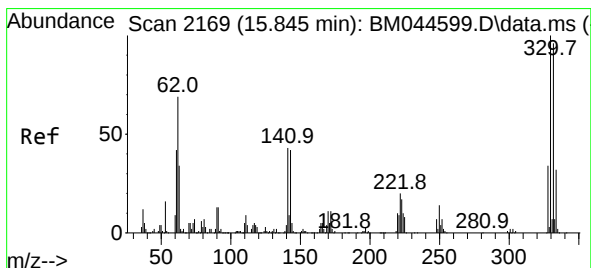
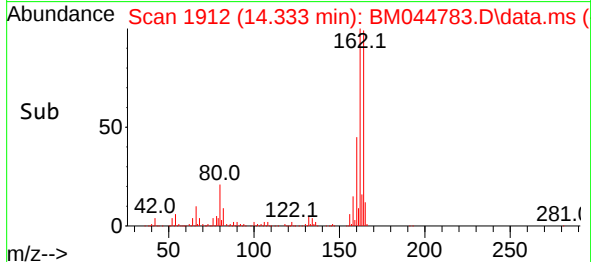
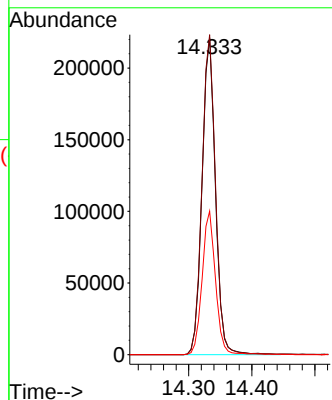
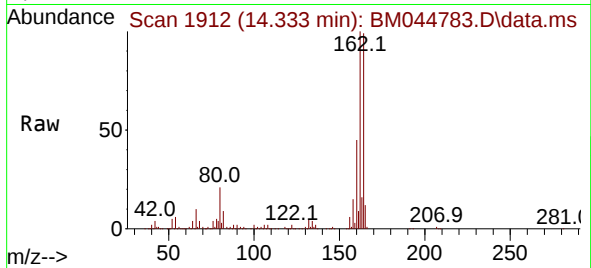




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

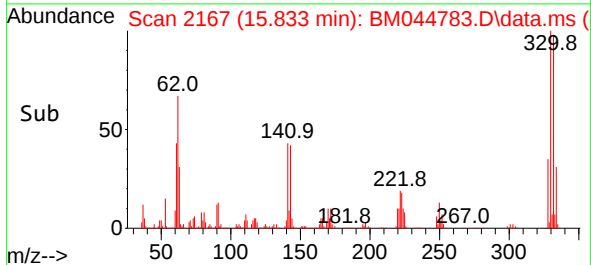
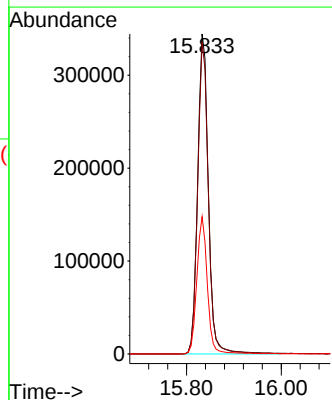
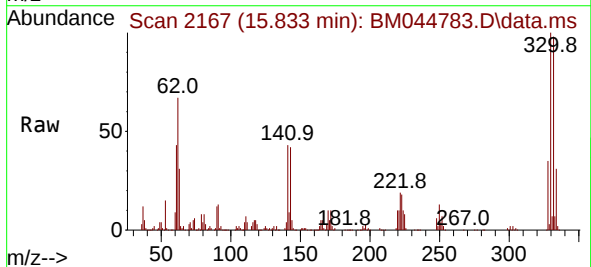
Instrument :
BNA_M
ClientSampleId :
SOIL-5

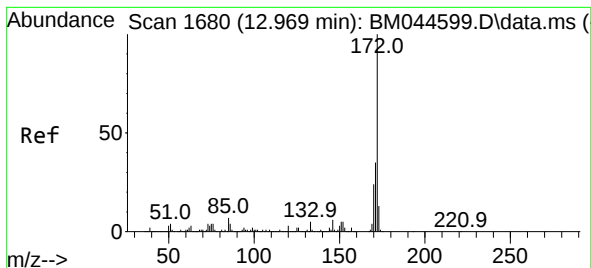
Tgt Ion:164 Resp: 325719
Ion Ratio Lower Upper
164 100
162 101.0 79.3 118.9
160 45.3 35.2 52.8



#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

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# 1

Delta R.T. -0.018 min

Lab File: BM044783.D

Acq: 27 Mar 2024 17:31

Instrument :

BNA_M

ClientSampleId :

SOIL-5

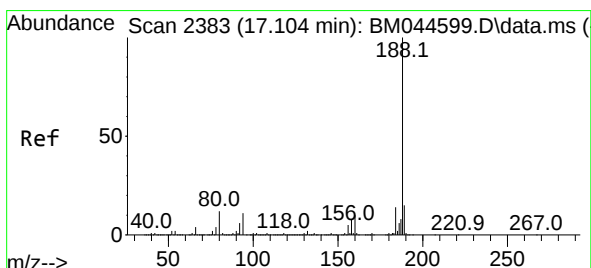
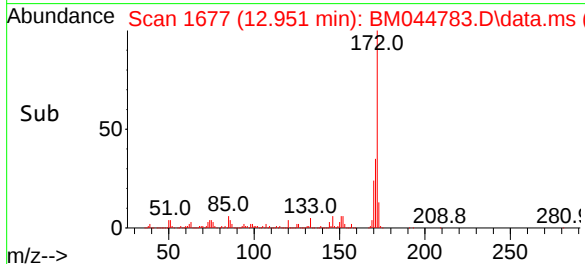
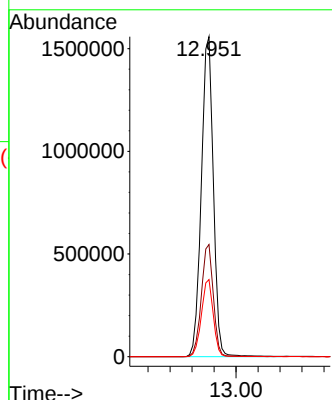
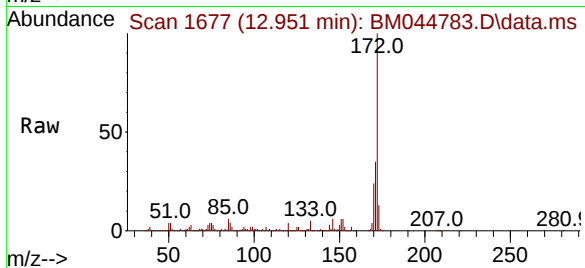
Tgt Ion:172 Resp: 2370323

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# 2381

Delta R.T. -0.012 min

Lab File: BM044783.D

Acq: 27 Mar 2024 17:31

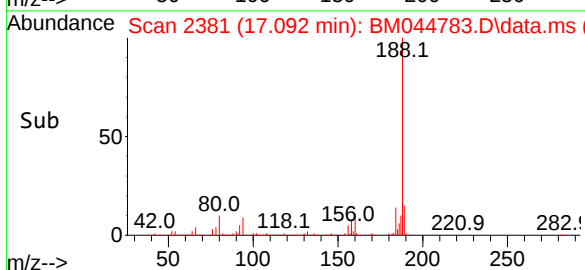
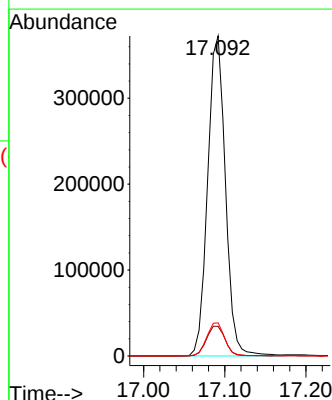
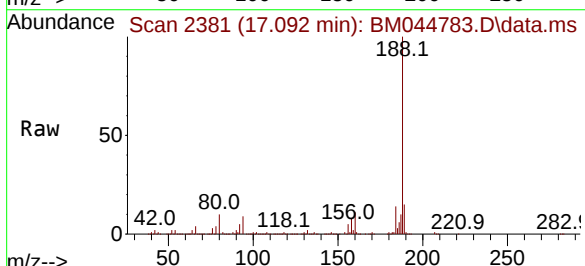
Tgt Ion:188 Resp: 565509

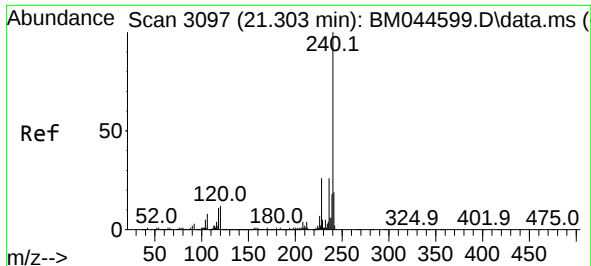
Ion Ratio Lower Upper

188 100

94 9.2 8.4 12.6

80 10.3 9.4 14.0

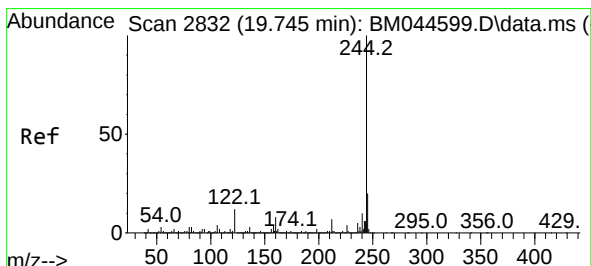
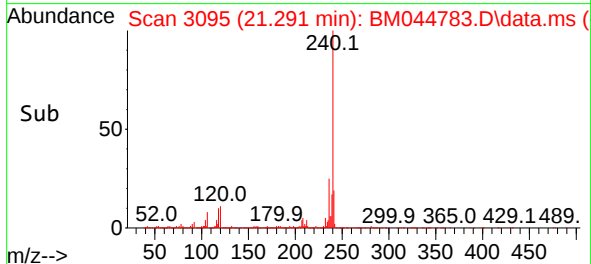
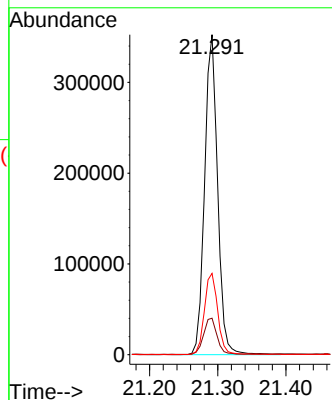
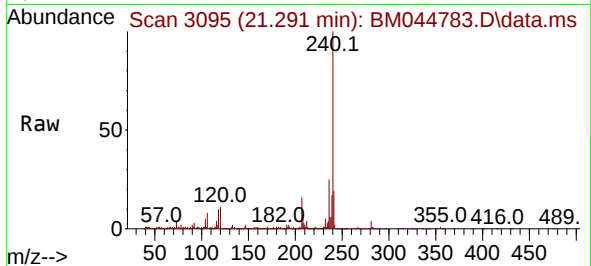




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.291 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

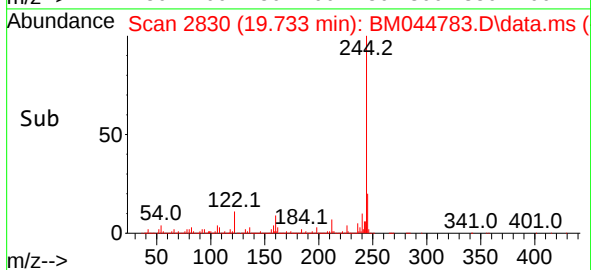
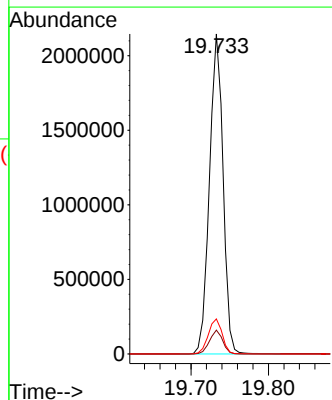
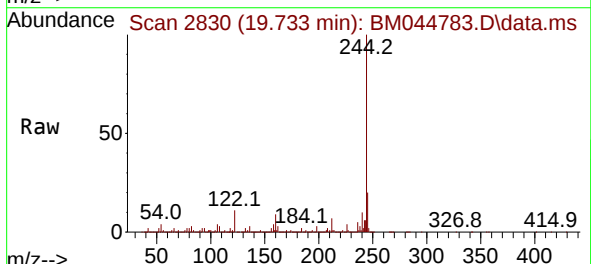
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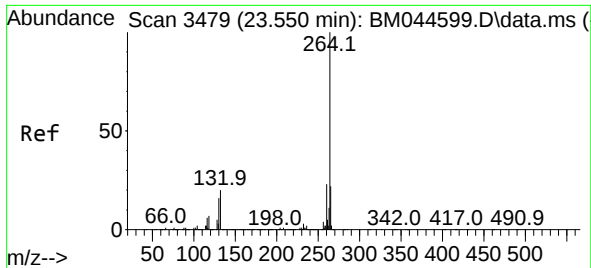
Tgt Ion:240 Resp: 467694
Ion Ratio Lower Upper
240 100
120 11.4 9.7 14.5
236 25.4 21.0 31.4



#79
Terphenyl-d14
Concen: 97.901 ng
RT: 19.733 min Scan# 2830
Delta R.T. -0.012 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

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# 34
Delta R.T. -0.012 min
Lab File: BM044783.D
Acq: 27 Mar 2024 17:31

Instrument :
BNA_M
ClientSampleId :
SOIL-5

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

