

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138508.D
 Acq On : 10 Jul 2024 18:45
 Operator : CG\JU
 Sample : P3170-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMS-2

Quant Time: Jul 11 00:51:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

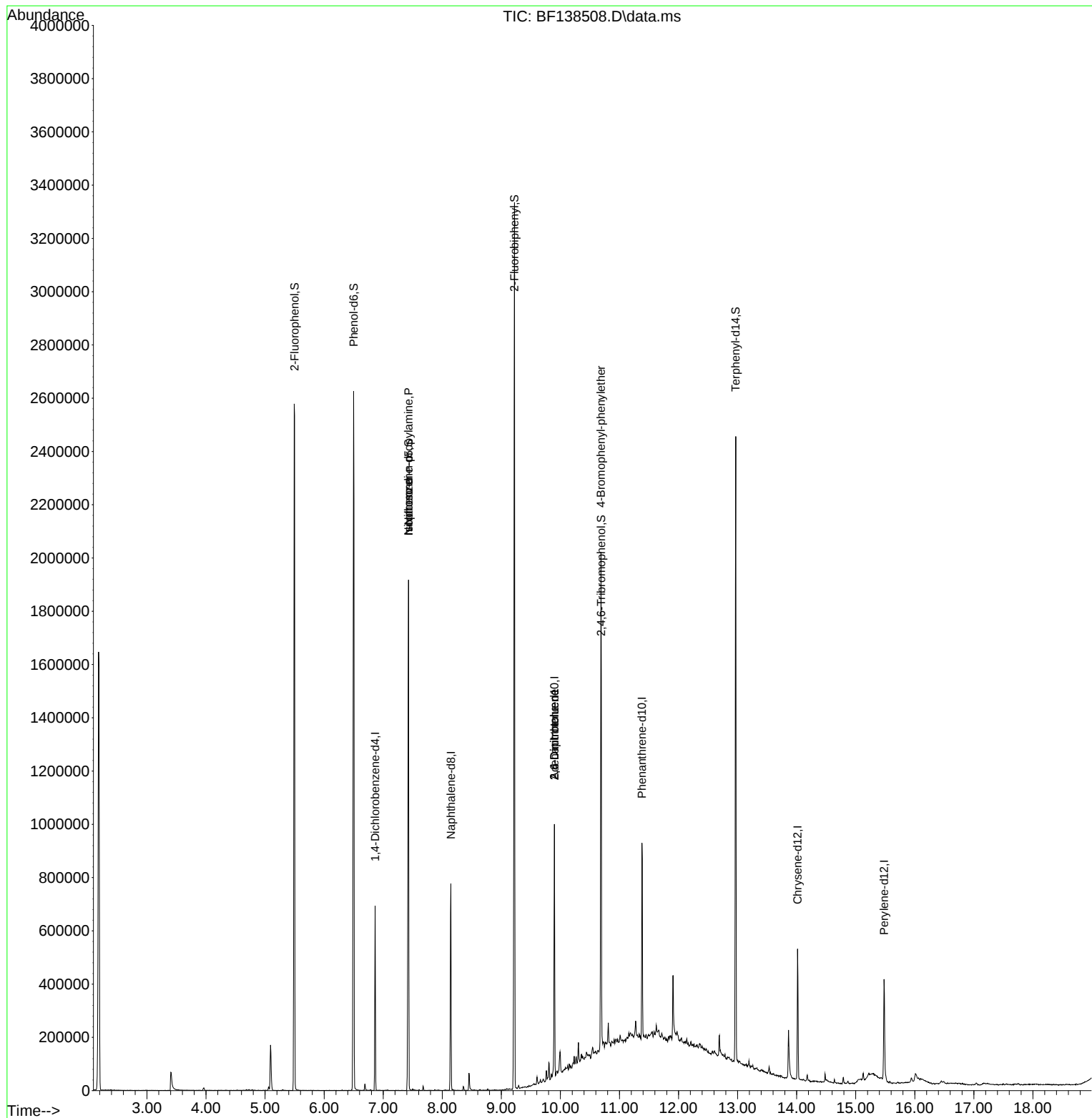
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82651	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	332242	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	176503	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	262155	20.000	ng	0.00
76) Chrysene-d12	14.016	240	153907	20.000	ng	-0.01
86) Perylene-d12	15.480	264	164095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	662852	127.015	ng	0.00
7) Phenol-d6	6.498	99	905949	130.496	ng	0.00
23) Nitrobenzene-d5	7.428	82	589320	87.088	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	203809	123.551	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	980637	86.834	ng	0.00
79) Terphenyl-d14	12.969	244	752729	79.677	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	79415	18.513	ng	# 75
25) Isophorone	7.428	82	589313	50.711	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	24389	9.281	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	24389	7.173	ng	# 18
67) 4-Bromophenyl-phenylether	10.686	248	14542	5.397	ng	# 1

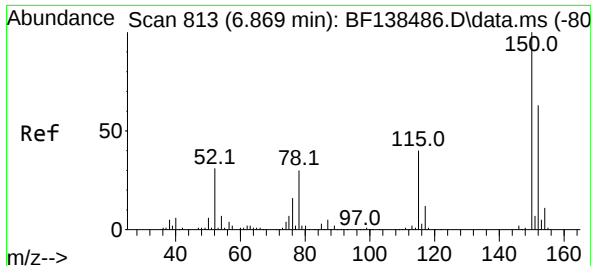
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
Data File : BF138508.D
Acq On : 10 Jul 2024 18:45
Operator : CG\JU
Sample : P3170-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2

Quant Time: Jul 11 00:51:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

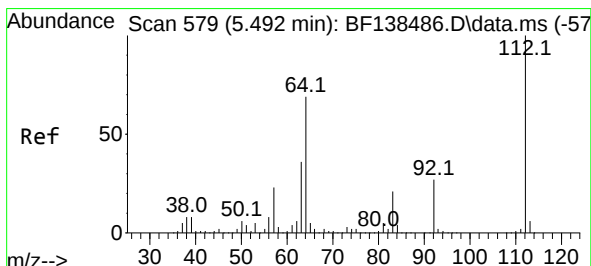
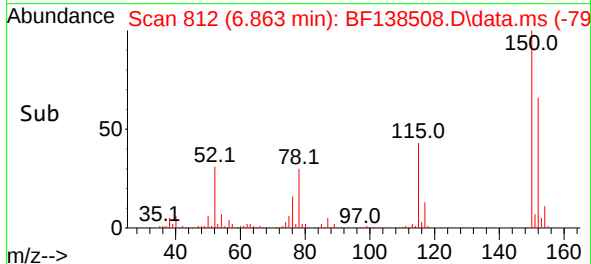
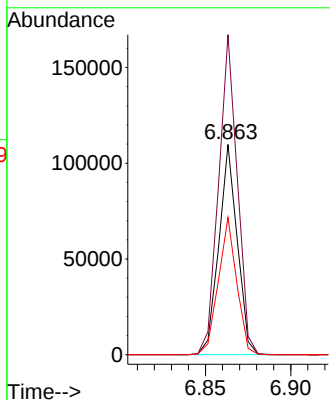
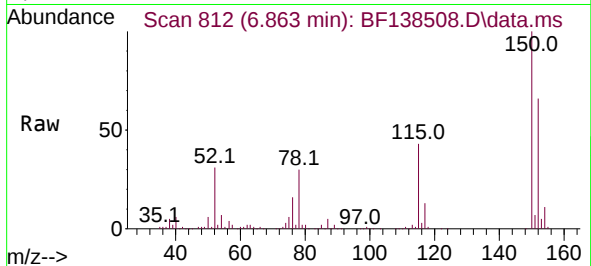




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

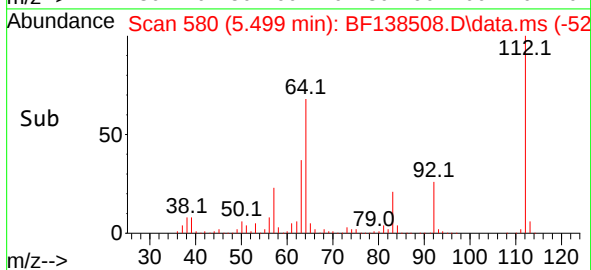
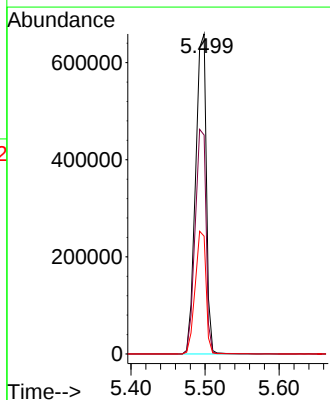
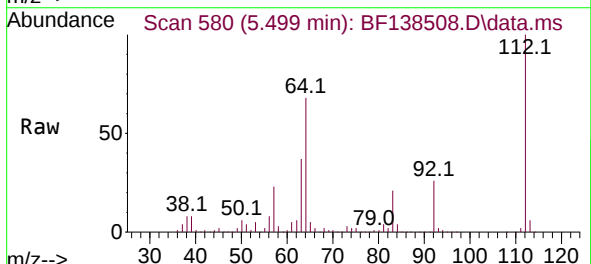
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2

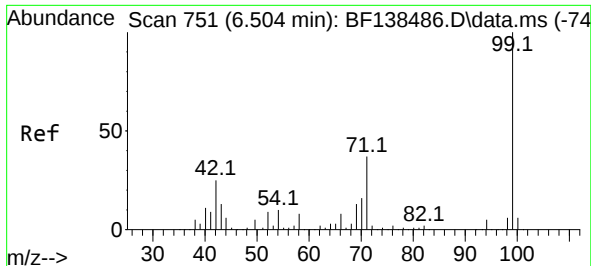
Tgt Ion:152 Resp: 82651
Ion Ratio Lower Upper
152 100
150 152.1 126.2 189.4
115 65.2 50.3 75.5



#5
2-Fluorophenol
Concen: 127.015 ng
RT: 5.499 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

Tgt Ion:112 Resp: 662852
Ion Ratio Lower Upper
112 100
64 68.4 55.1 82.7
63 36.8 29.0 43.6

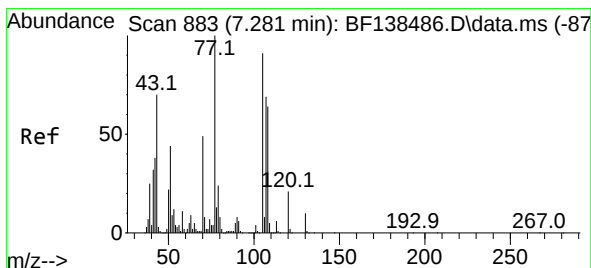
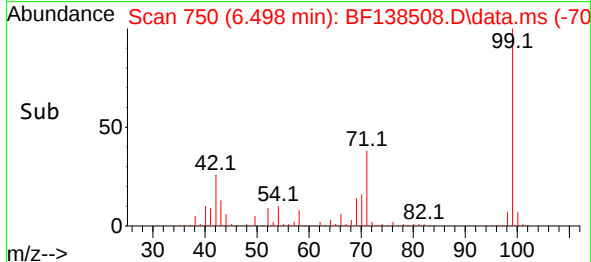
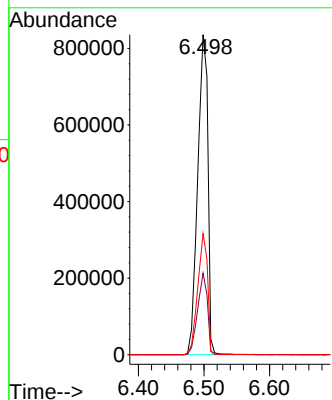
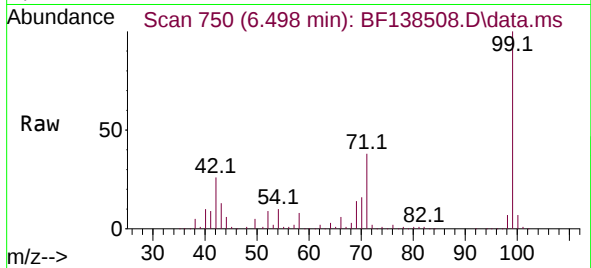




#7
Phenol-d6
Concen: 130.496 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

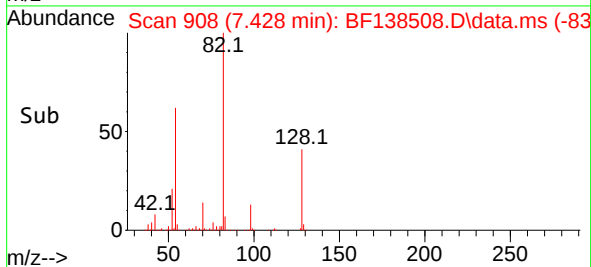
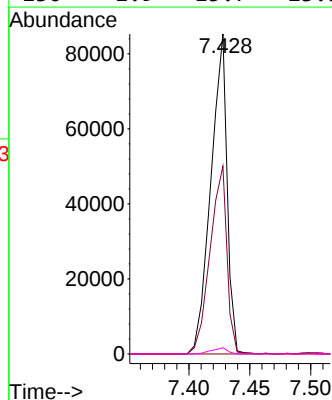
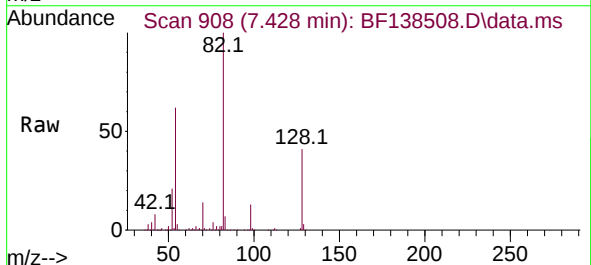
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2

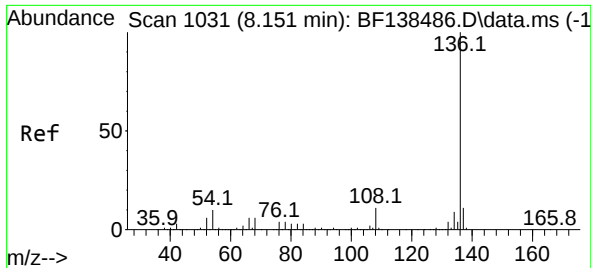
Tgt Ion: 99 Resp: 905949
Ion Ratio Lower Upper
99 100
42 25.5 19.7 29.5
71 37.9 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.513 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

Tgt Ion: 70 Resp: 79415
Ion Ratio Lower Upper
70 100
42 58.7 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#



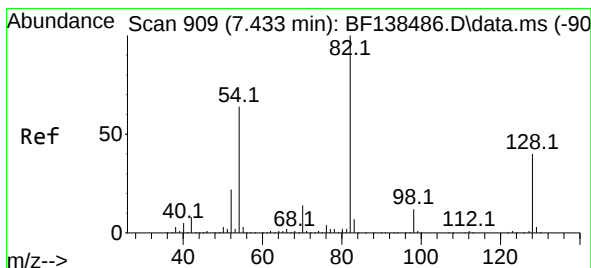
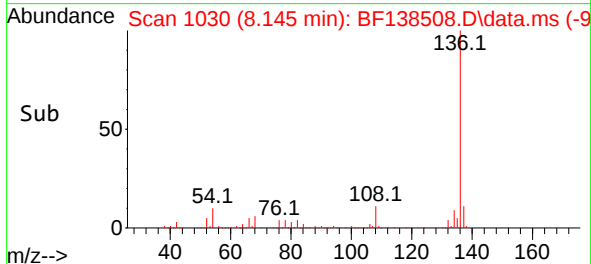
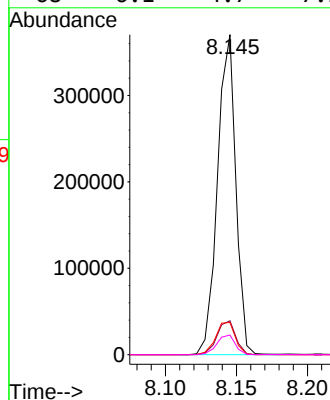
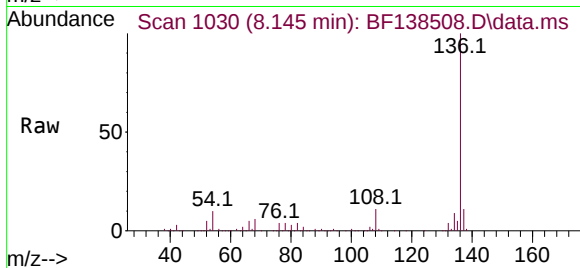


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2

Tgt Ion:136 Resp: 332242

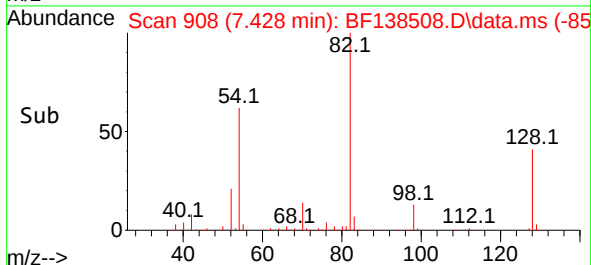
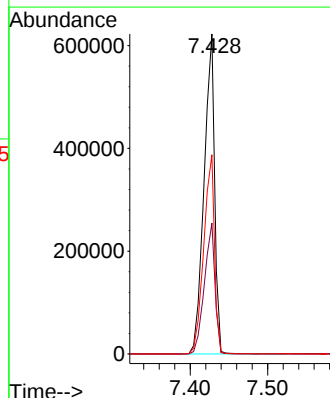
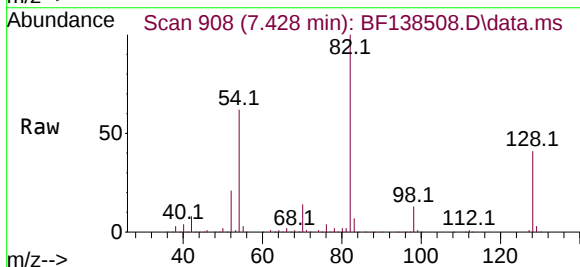
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.1	8.1	12.1
68	6.1	4.7	7.1

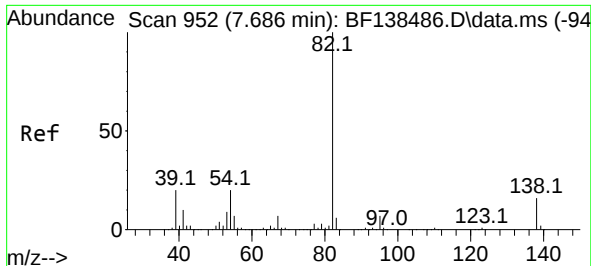


#23
Nitrobenzene-d5
Concen: 87.088 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

Tgt Ion: 82 Resp: 589320

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.3	48.5
54	62.3	51.4	77.0

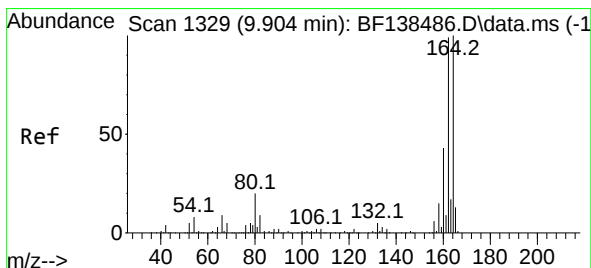
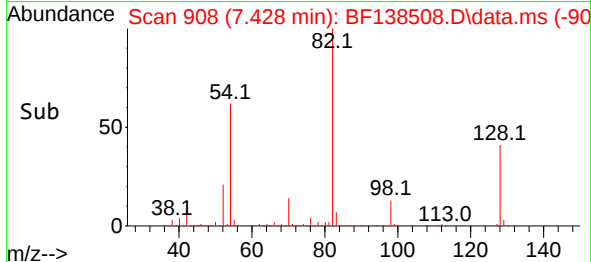
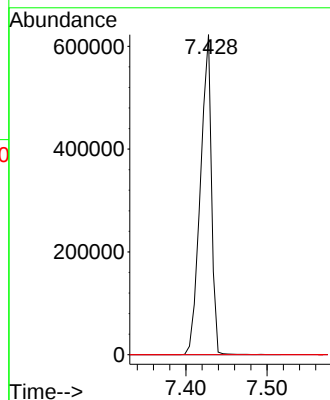
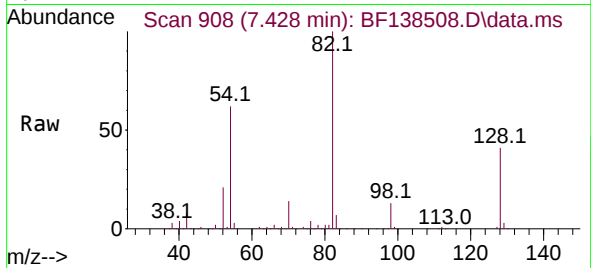




#25
Isophorone
Concen: 50.711 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

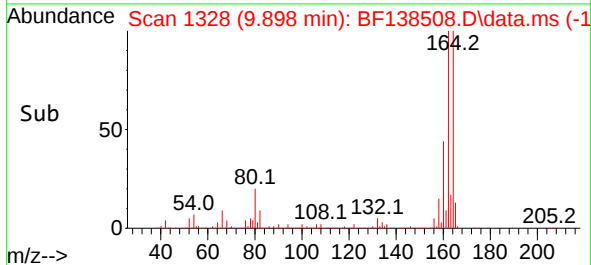
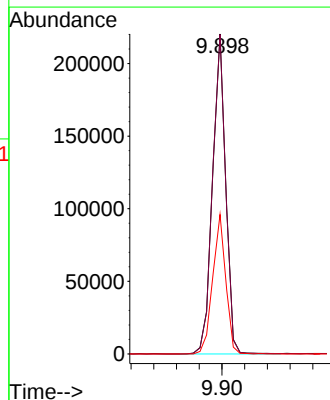
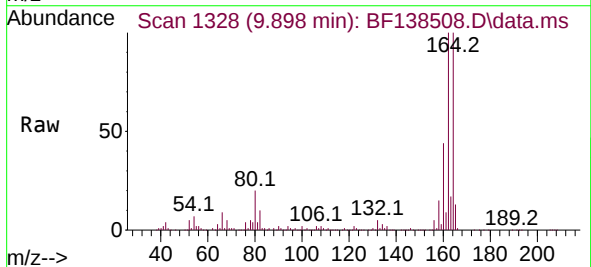
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2

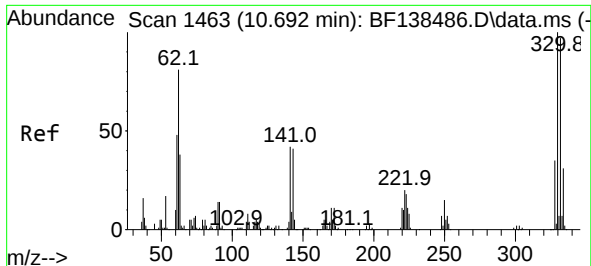
Tgt Ion: 82 Resp: 589313
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

Tgt Ion:164 Resp: 176503
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.6
160 43.6 34.4 51.6

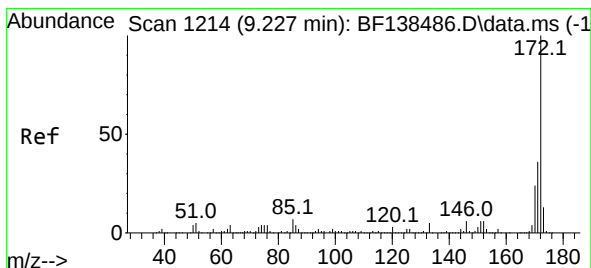
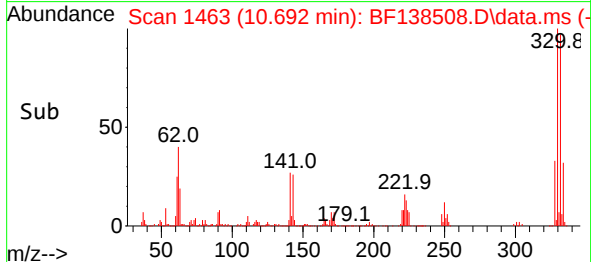
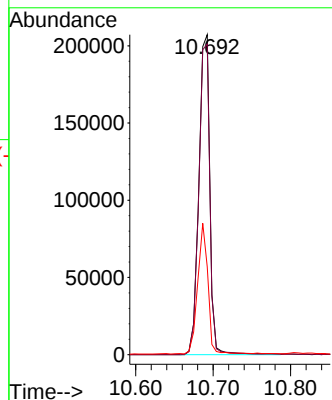
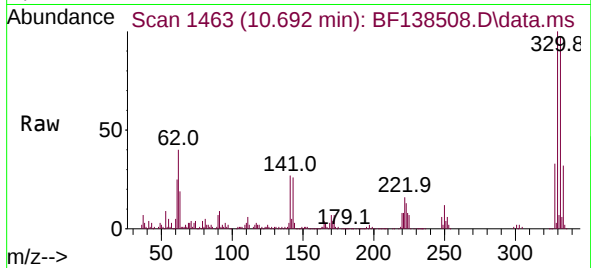




#42
2,4,6-Tribromophenol
Concen: 123.551 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

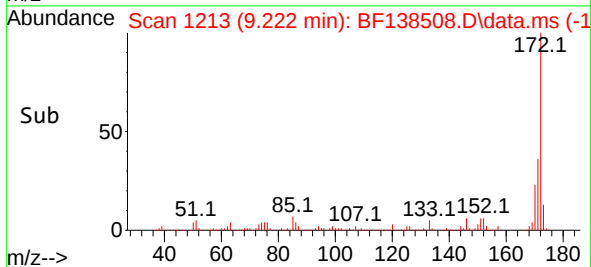
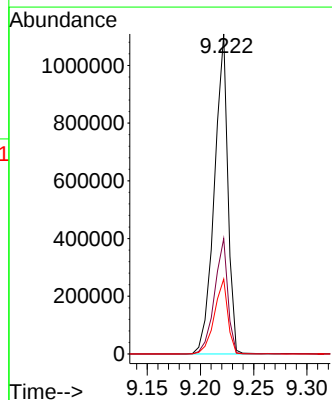
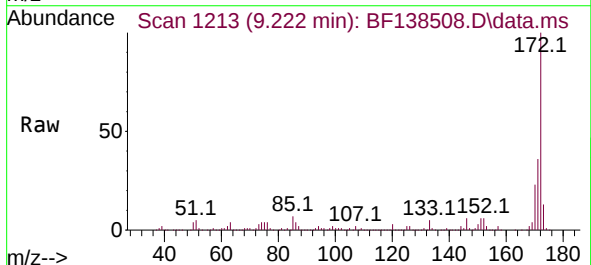
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2

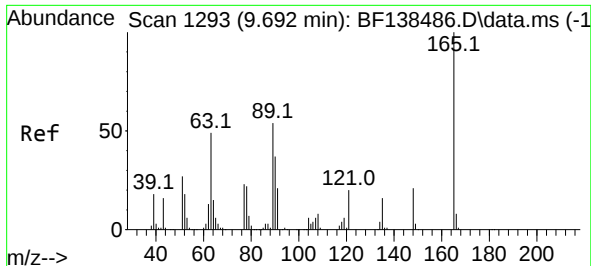
Tgt Ion: 330 Resp: 203809
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 38.2 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 86.834 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

Tgt Ion: 172 Resp: 980637
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.4 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.281 ng

RT: 9.898 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF138508.D

Acq: 10 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2

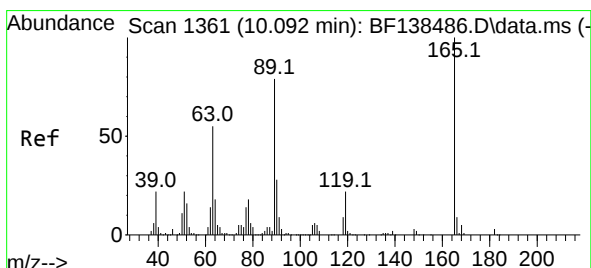
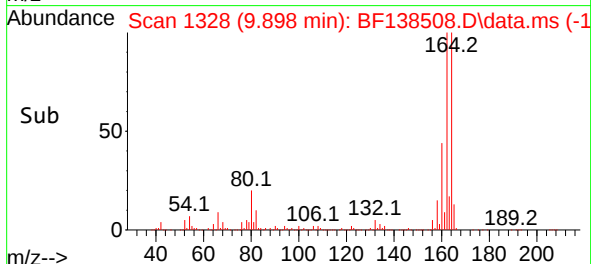
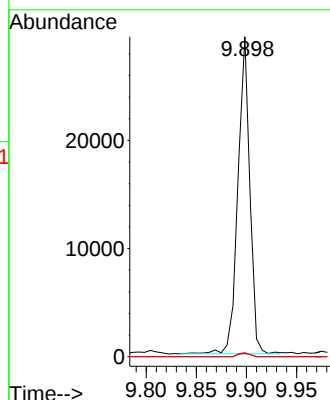
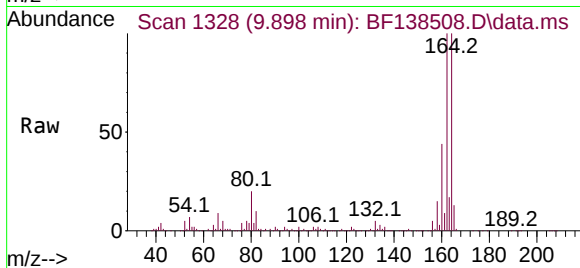
Tgt Ion:165 Resp: 24389

Ion Ratio Lower Upper

165 100

63 1.0 48.1 72.1#

89 1.3 43.0 64.6#



#57

2,4-Dinitrotoluene

Concen: 7.173 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.194 min

Lab File: BF138508.D

Acq: 10 Jul 2024 18:45

Tgt Ion:165 Resp: 24389

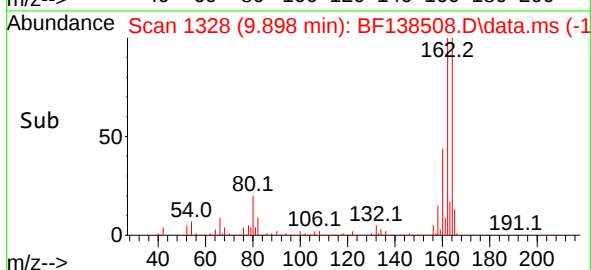
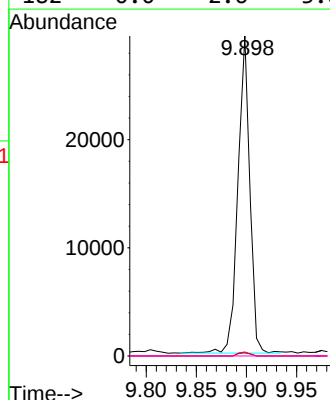
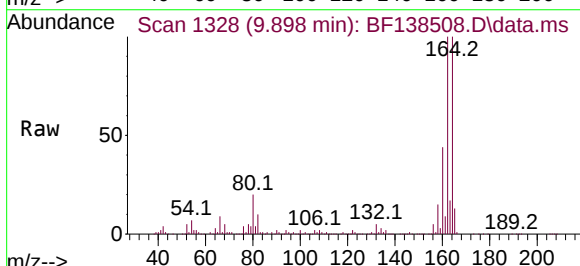
Ion Ratio Lower Upper

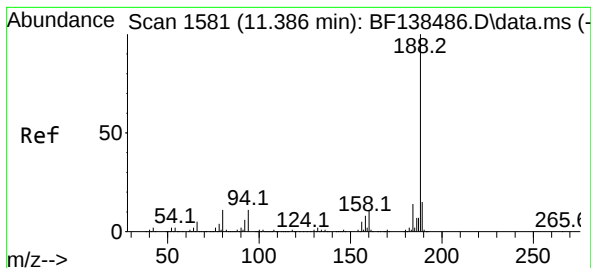
165 100

63 1.0 44.6 66.8#

89 1.3 63.4 95.2#

182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138508.D

Acq: 10 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2

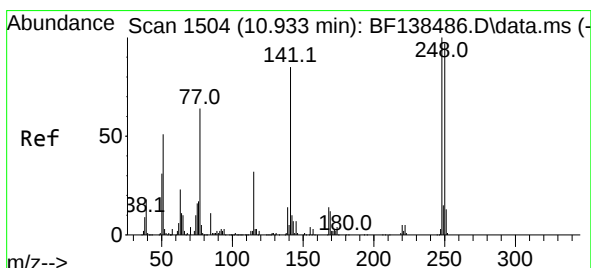
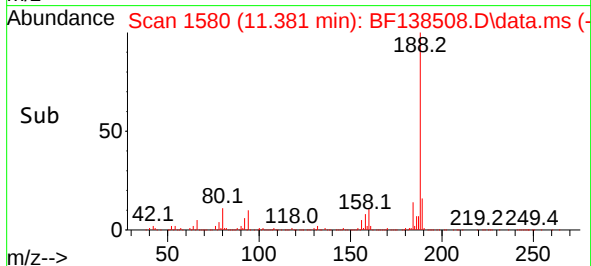
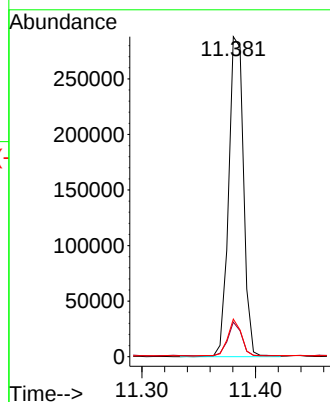
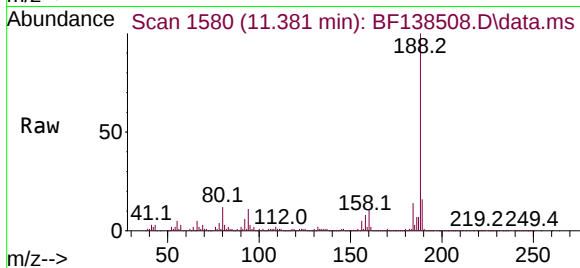
Tgt Ion:188 Resp: 262155

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

80 11.8 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.397 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138508.D

Acq: 10 Jul 2024 18:45

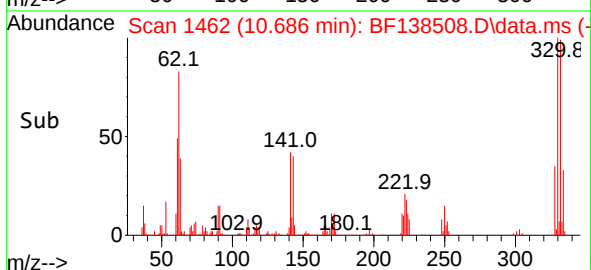
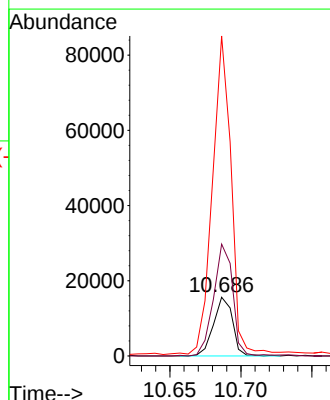
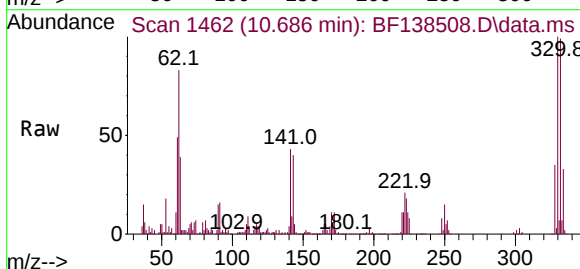
Tgt Ion:248 Resp: 14542

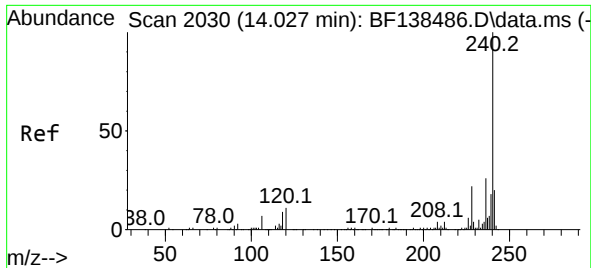
Ion Ratio Lower Upper

248 100

250 190.3 77.9 116.9#

141 544.6 67.7 101.5#

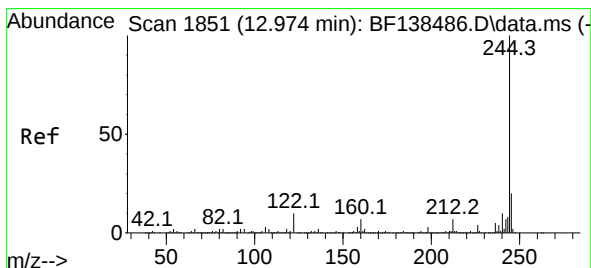
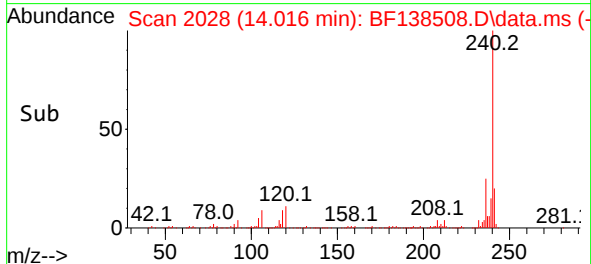
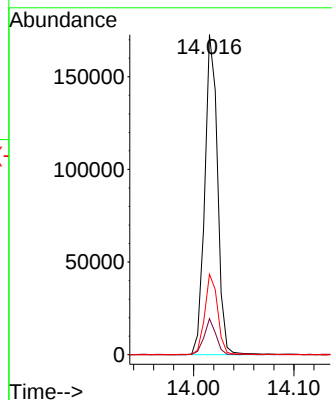
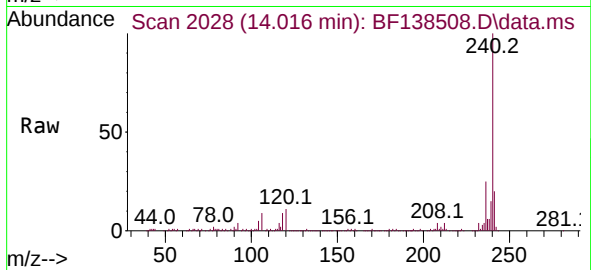




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2030
Delta R.T. -0.011 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

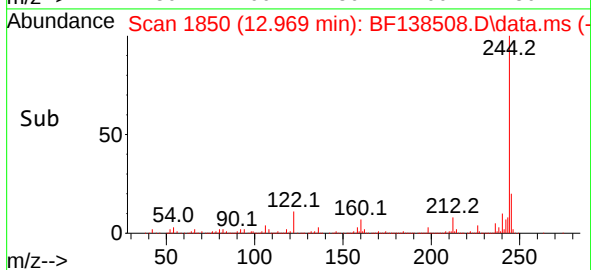
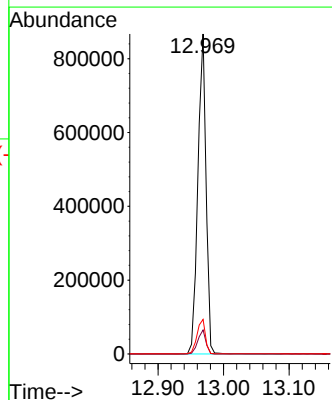
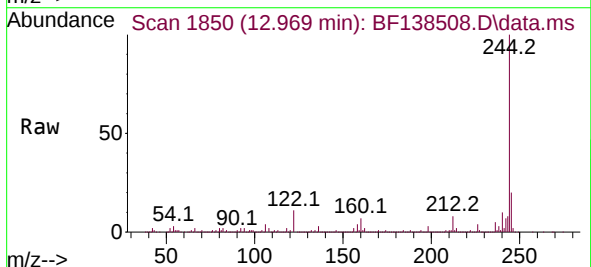
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2

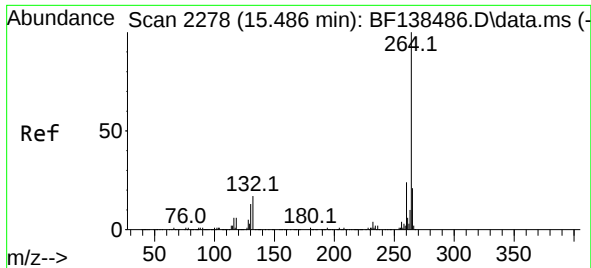
Tgt Ion:240 Resp: 153907
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.2 21.0 31.6



#79
Terphenyl-d14
Concen: 79.677 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF138508.D
Acq: 10 Jul 2024 18:45

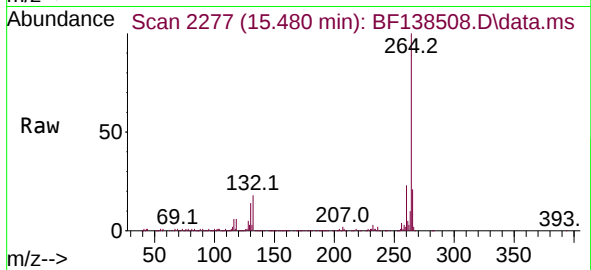
Tgt Ion:244 Resp: 752729
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 10.8 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138508.D
 Acq: 10 Jul 2024 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMS-2



Tgt Ion:264 Resp: 164095
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.1 17.0 25.4

