

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138507.D
 Acq On : 10 Jul 2024 18:14
 Operator : CG\JU
 Sample : P3170-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMS-1

Quant Time: Jul 11 00:50:58 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)

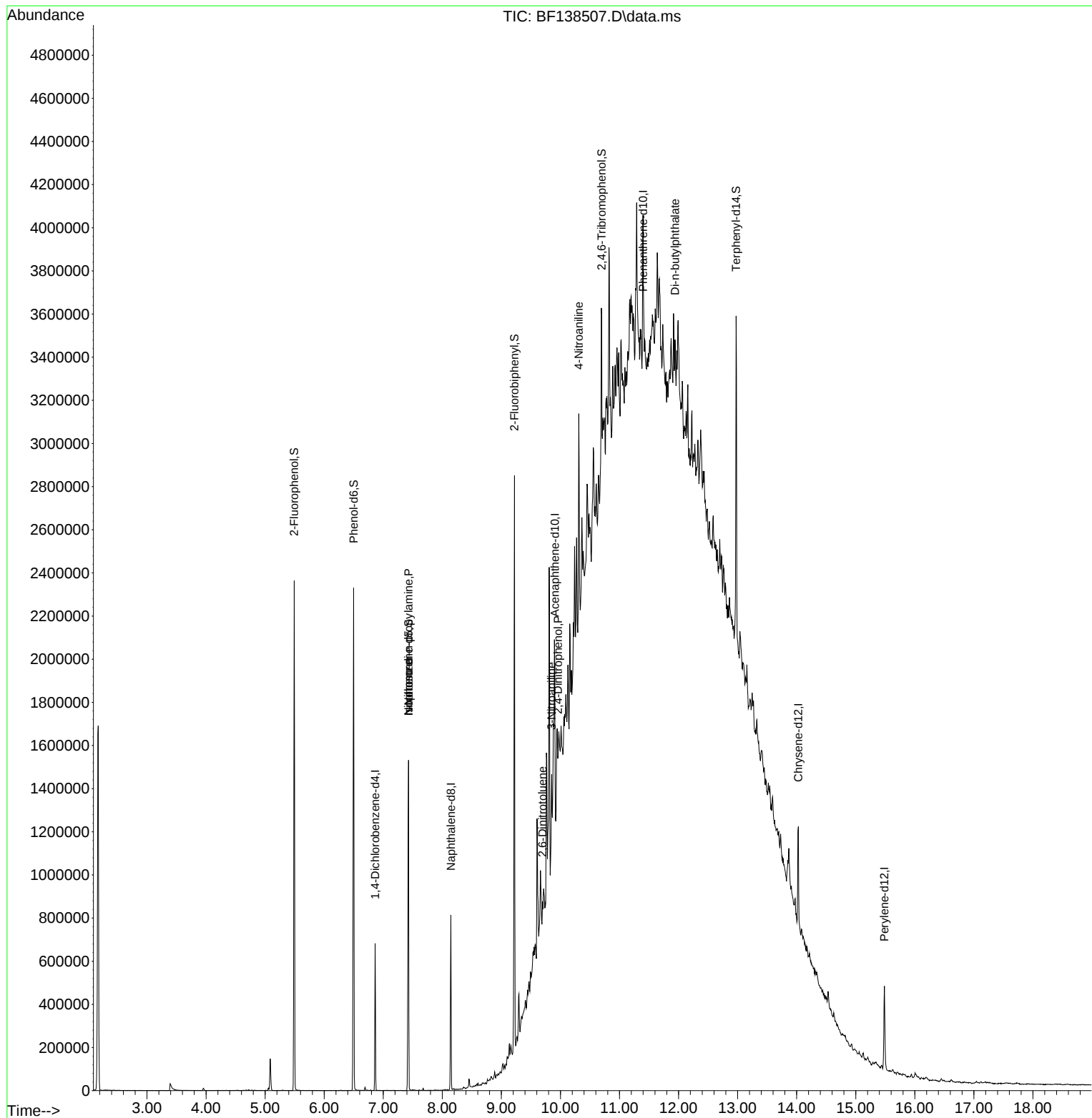
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83753	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	309073	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	135563	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	170450	20.000	ng	# 0.01
76) Chrysene-d12	14.027	240	146507	20.000	ng	0.00
86) Perylene-d12	15.486	264	170408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	532629	100.719	ng	0.00
7) Phenol-d6	6.498	99	695037	98.798	ng	0.00
23) Nitrobenzene-d5	7.428	82	461767	73.354	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	114959	90.735	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	732790	84.483	ng	0.00
79) Terphenyl-d14	12.974	244	524479	58.321	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	63237	14.548	ng	# 72
25) Isophorone	7.428	82	461762	42.714	ng	# 68
51) 2,6-Dinitrotoluene	9.698	165	5539	2.744	ng	# 27
53) 3-Nitroaniline	9.851	138	9985	4.827	ng	# 18
54) 2,4-Dinitrophenol	9.957	184	64	4.723	ng	# 1
62) 4-Nitroaniline	10.310	138	9253	4.464	ng	93
74) Di-n-butylphthalate	11.939	149	19269	2.176	ng	# 22

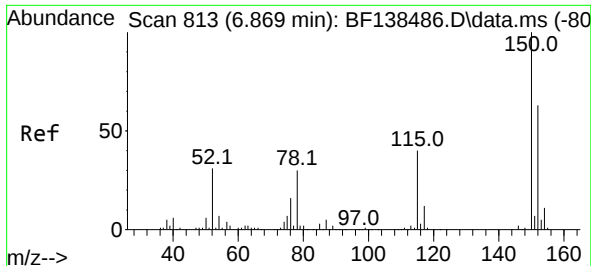
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
Data File : BF138507.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_F
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SOIL-DRUMS-1

Quant Time: Jul 11 00:50:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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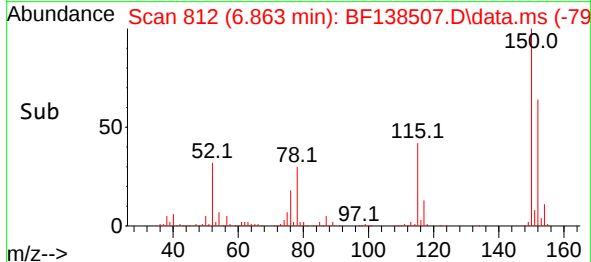
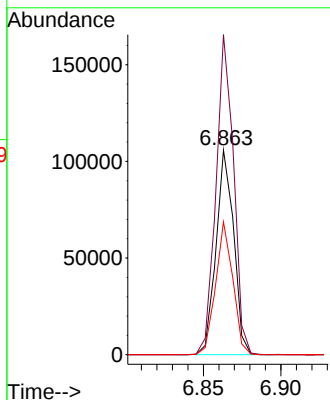
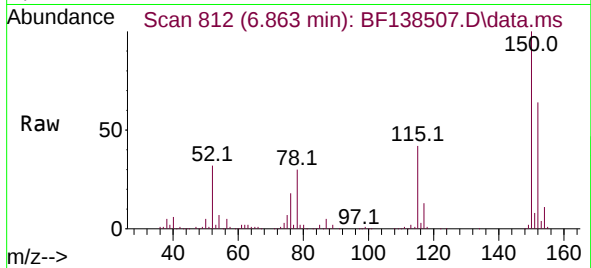




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

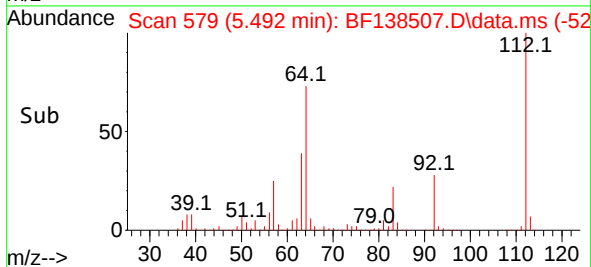
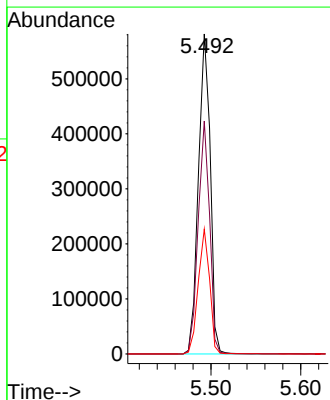
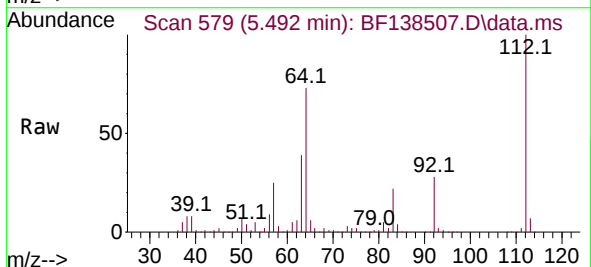
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-1

Tgt Ion:152 Resp: 83753
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.4
115 64.9 50.3 75.5



#5
2-Fluorophenol
Concen: 100.719 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

Tgt Ion:112 Resp: 532629
Ion Ratio Lower Upper
112 100
64 72.8 55.1 82.7
63 39.0 29.0 43.6

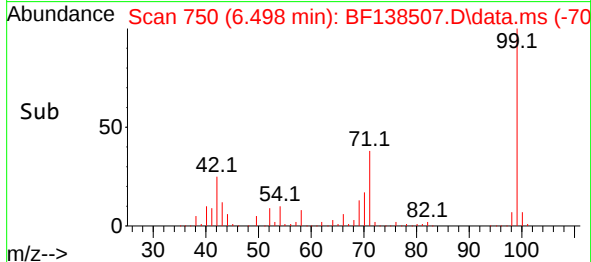
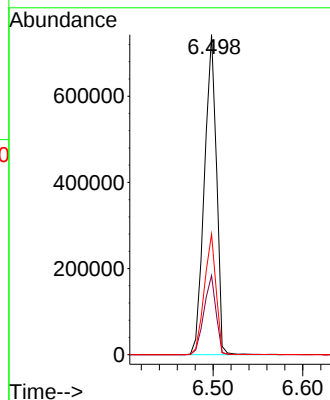
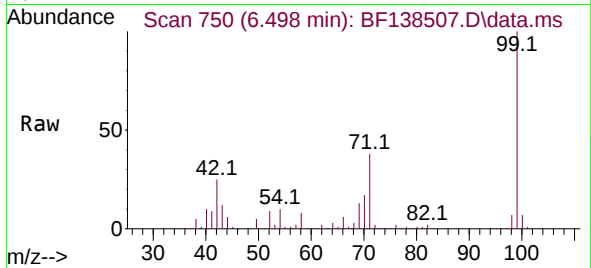




#7
Phenol-d6
Concen: 98.798 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

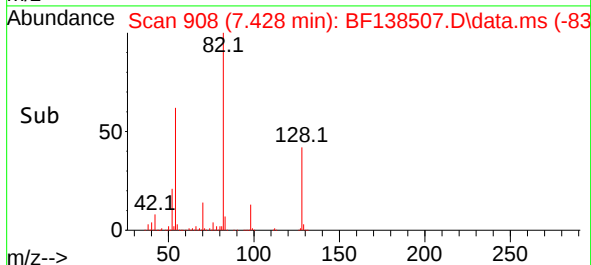
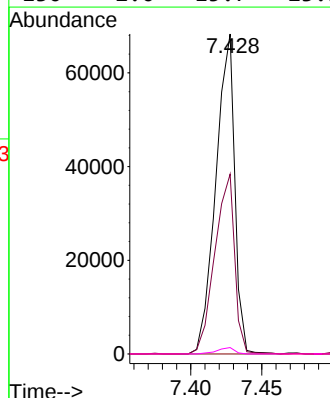
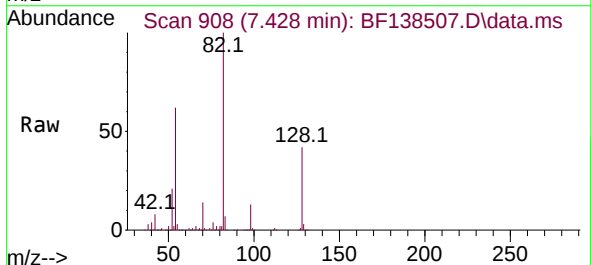
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-1

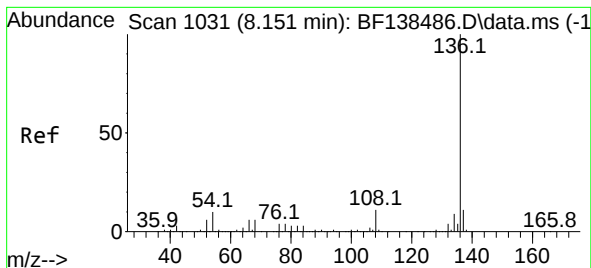
Tgt Ion: 99 Resp: 695037
Ion Ratio Lower Upper
99 100
42 24.8 19.7 29.5
71 37.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.548 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

Tgt Ion: 70 Resp: 63237
Ion Ratio Lower Upper
70 100
42 56.2 62.4 93.6#
101 0.0 7.2 10.8#
130 2.0 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: BF138507.D

Acq: 10 Jul 2024 18:14

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-1

Tgt Ion:136 Resp: 309073

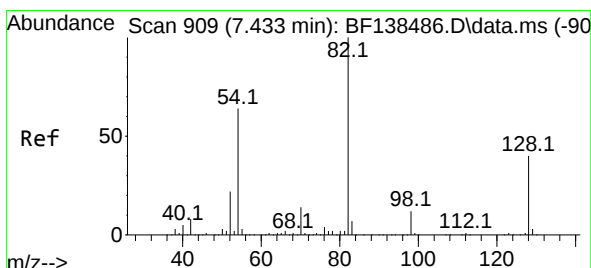
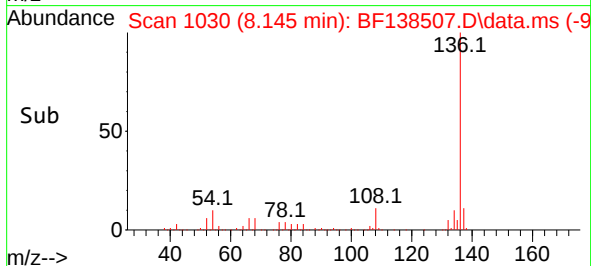
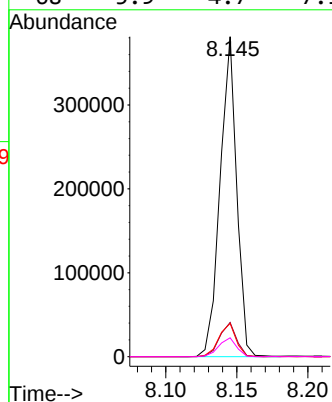
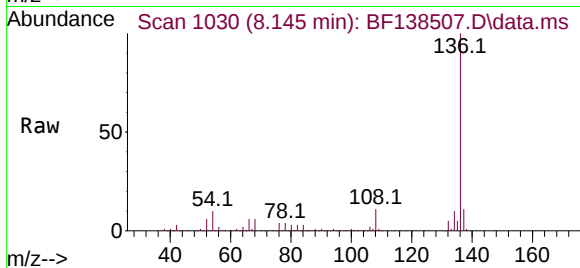
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.4 8.1 12.1

68 5.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 73.354 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138507.D

Acq: 10 Jul 2024 18:14

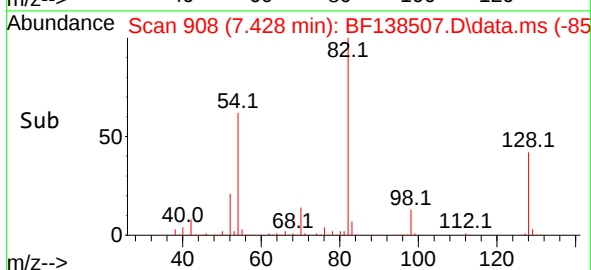
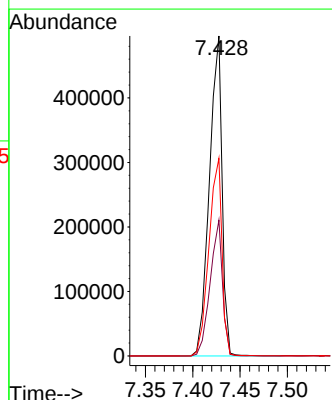
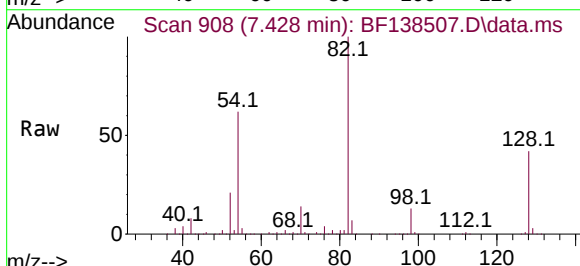
Tgt Ion: 82 Resp: 461767

Ion Ratio Lower Upper

82 100

128 42.4 32.3 48.5

54 61.8 51.4 77.0

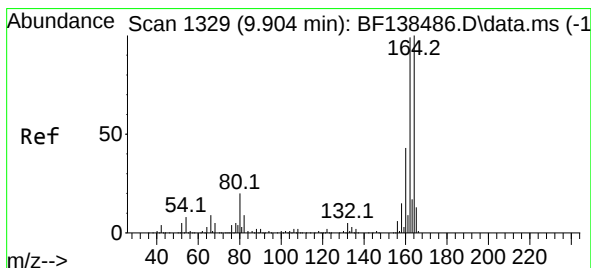
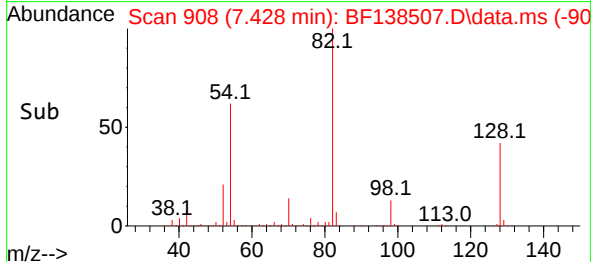
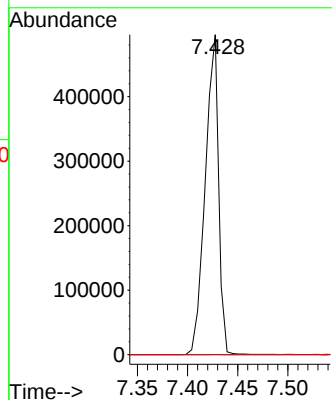
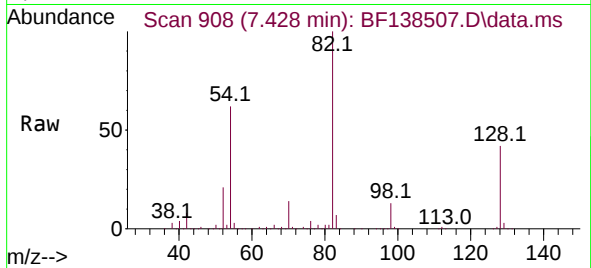




#25
Isophorone
Concen: 42.714 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.259 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

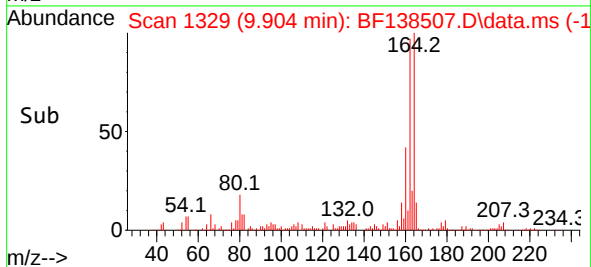
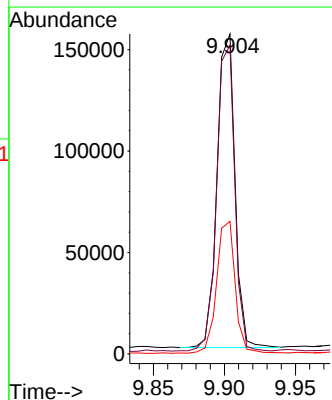
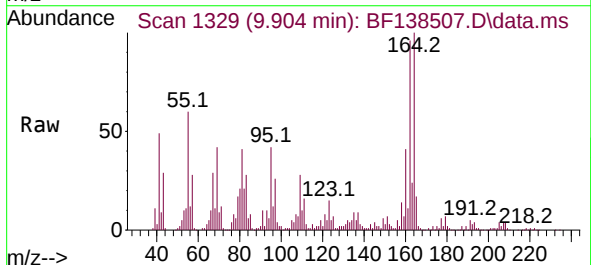
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-1

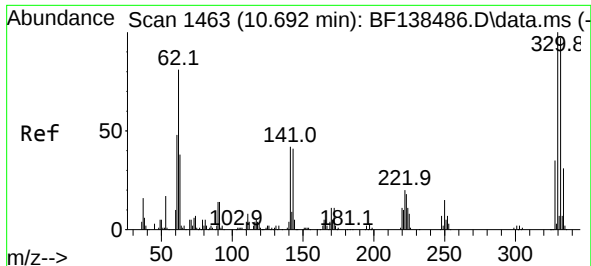
Tgt Ion: 82 Resp: 461762
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

Tgt Ion: 164 Resp: 135563
Ion Ratio Lower Upper
164 100
162 96.4 79.0 118.6
160 41.5 34.4 51.6

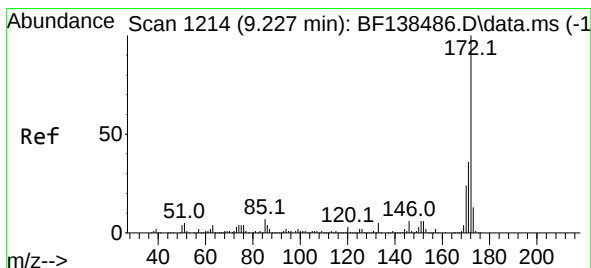
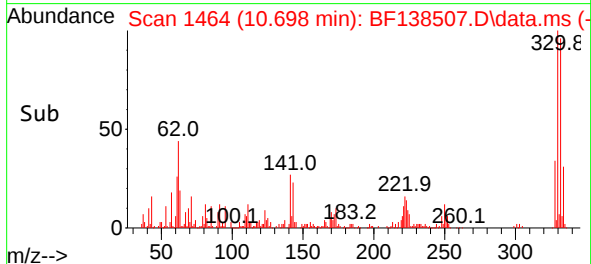
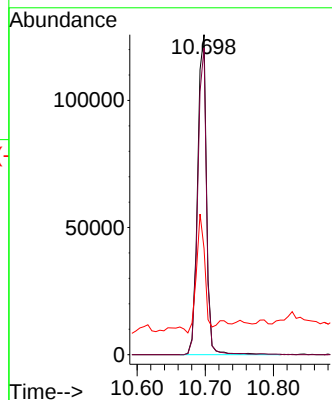
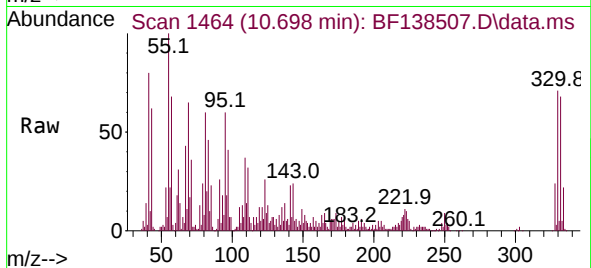




#42
2,4,6-Tribromophenol
Concen: 90.735 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

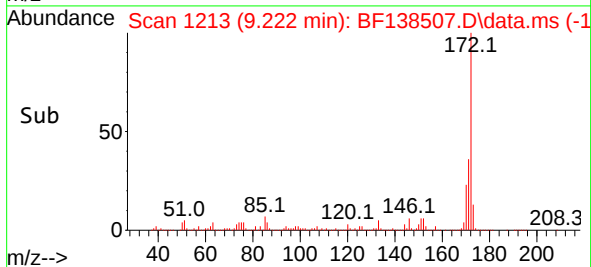
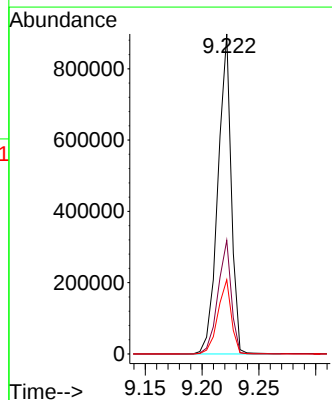
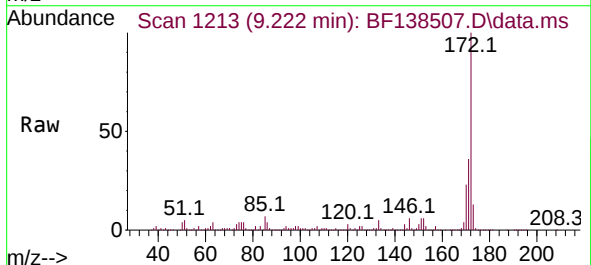
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BNA_F
ClientSampleId :
SOIL-DRUMS-1

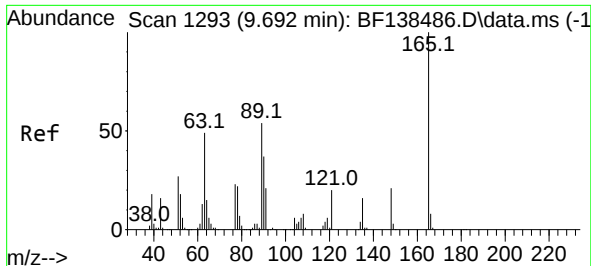
Tgt Ion: 330 Resp: 114959
Ion Ratio Lower Upper
330 100
332 93.7 76.8 115.2
141 34.8 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 84.483 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

Tgt Ion: 172 Resp: 732790
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.2 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 2.744 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138507.D

Acq: 10 Jul 2024 18:14

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-1

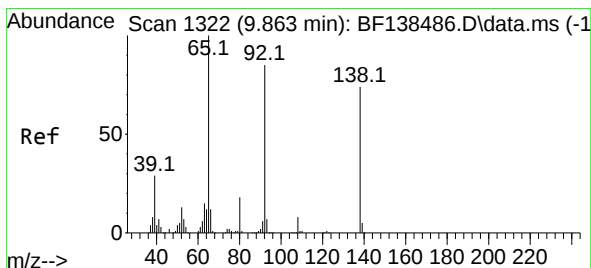
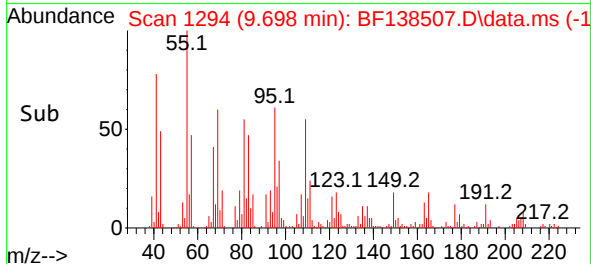
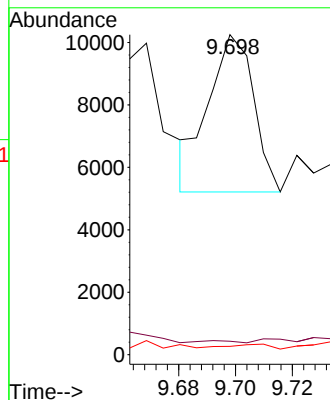
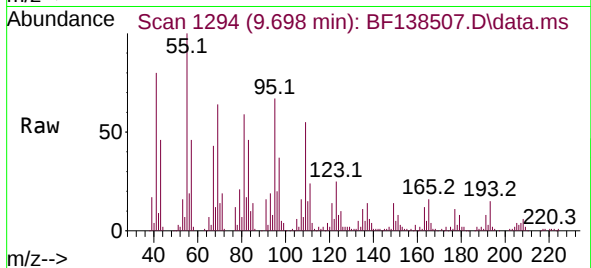
Tgt Ion:165 Resp: 5539

Ion Ratio Lower Upper

165 100

63 4.2 48.1 72.1#

89 2.6 43.0 64.6#



#53

3-Nitroaniline

Concen: 4.827 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF138507.D

Acq: 10 Jul 2024 18:14

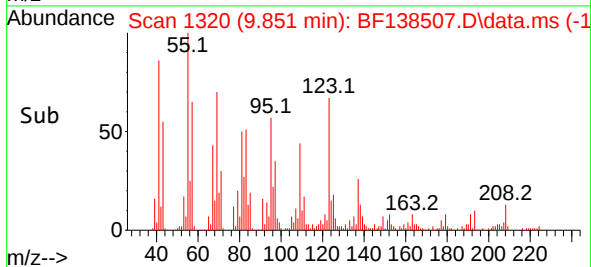
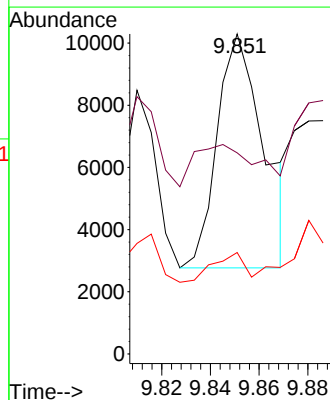
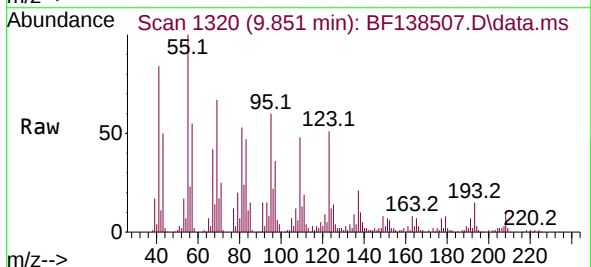
Tgt Ion:138 Resp: 9985

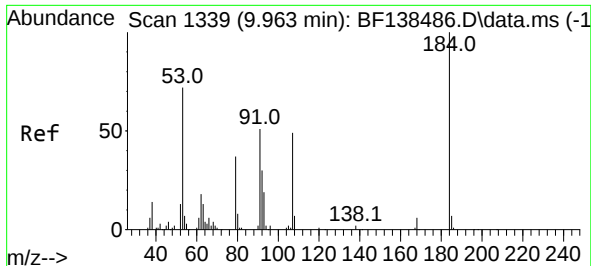
Ion Ratio Lower Upper

138 100

108 62.8 8.3 12.5#

92 31.7 92.6 138.8#

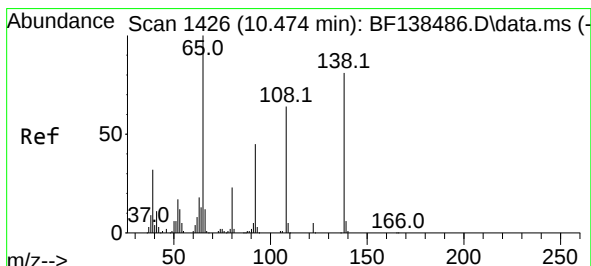
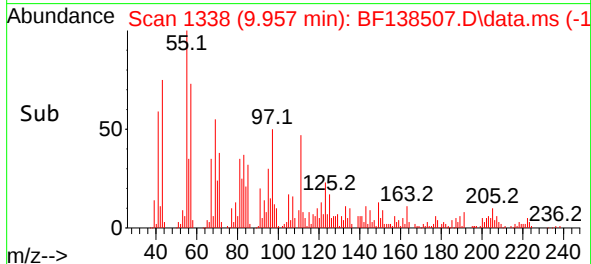
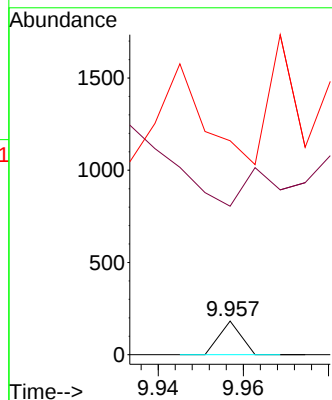
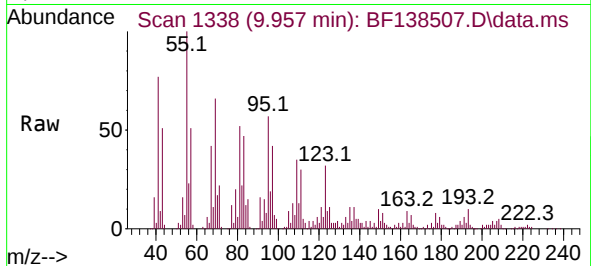




#54
2,4-Dinitrophenol
Concen: 4.723 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

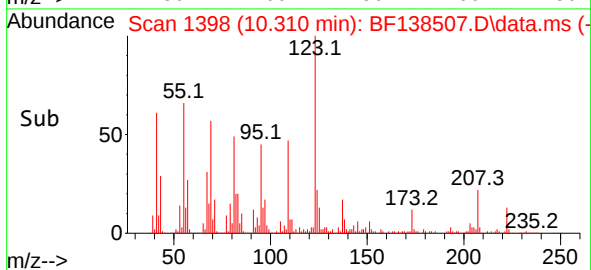
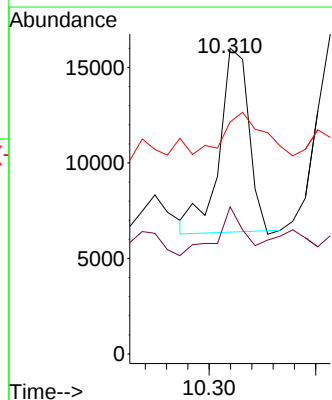
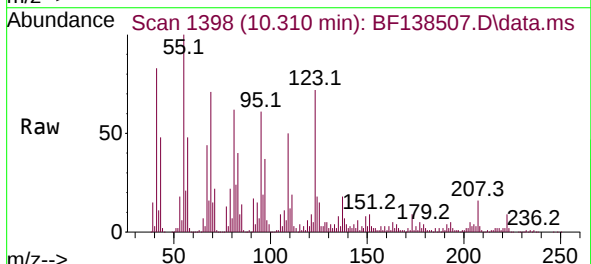
Instrument :
BNA_F
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SOIL-DRUMS-1

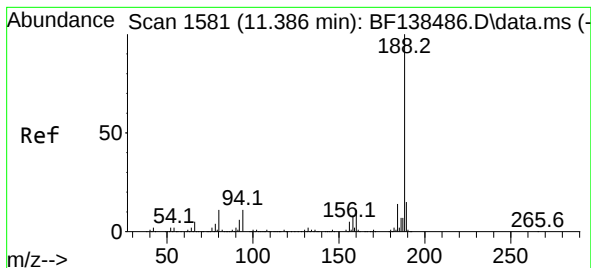
Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 442.3 70.6 106.0#
154 637.4 53.8 80.6#



#62
4-Nitroaniline
Concen: 4.464 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.165 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

Tgt Ion:138 Resp: 9253
Ion Ratio Lower Upper
138 100
92 48.1 35.8 75.8
108 75.8 59.8 99.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF138507.D

Acq: 10 Jul 2024 18:14

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-1

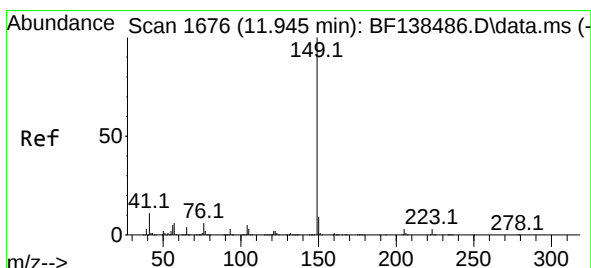
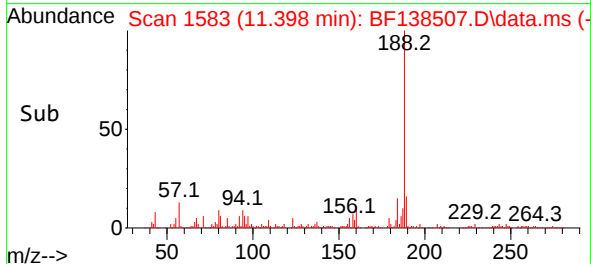
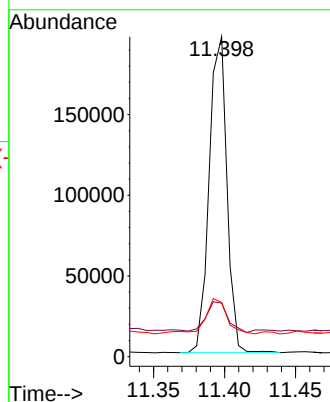
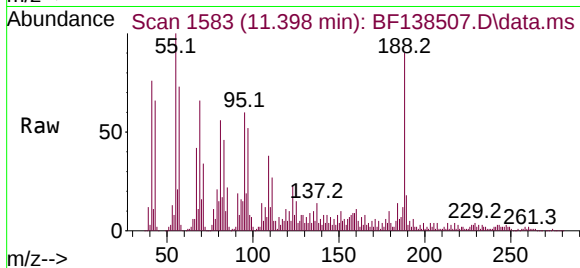
Tgt Ion:188 Resp: 170450

Ion Ratio Lower Upper

188 100

94 16.8 8.7 13.1#

80 16.9 9.0 13.4#



#74

Di-n-butylphthalate

Concen: 2.176 ng

RT: 11.939 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BF138507.D

Acq: 10 Jul 2024 18:14

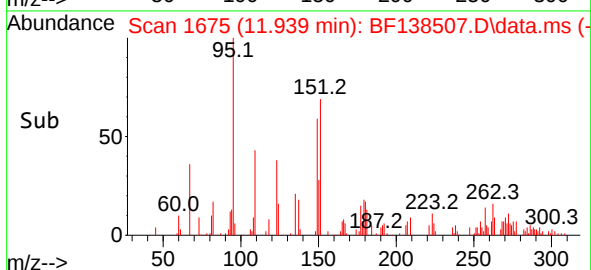
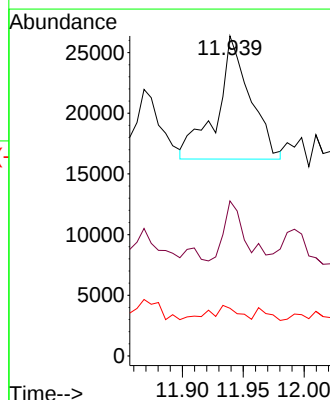
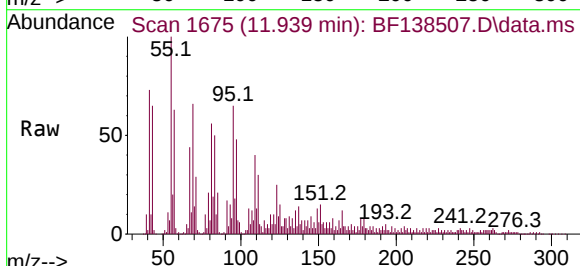
Tgt Ion:149 Resp: 19269

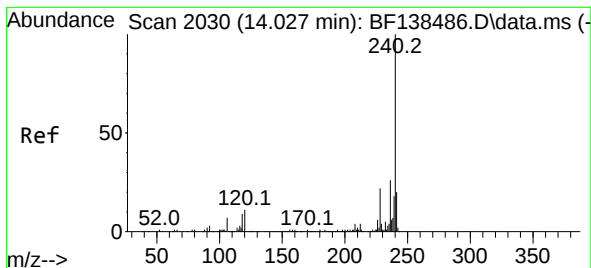
Ion Ratio Lower Upper

149 100

150 48.4 7.4 11.0#

104 14.9 4.4 6.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138507.D

Acq: 10 Jul 2024 18:14

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-1

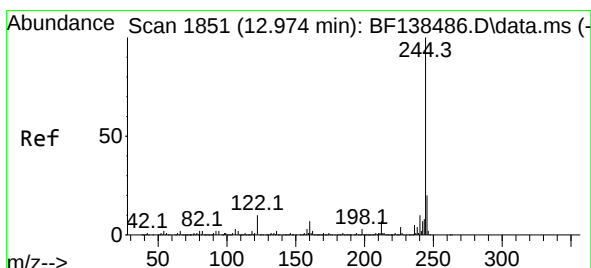
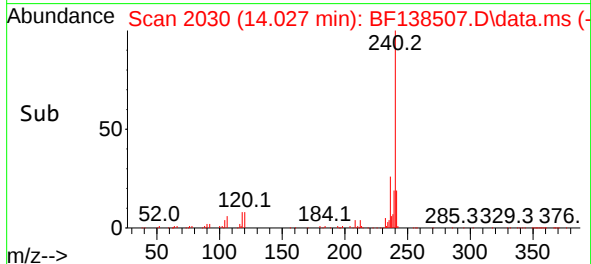
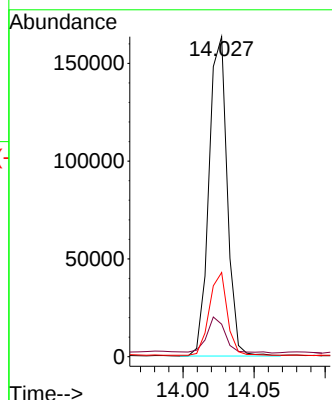
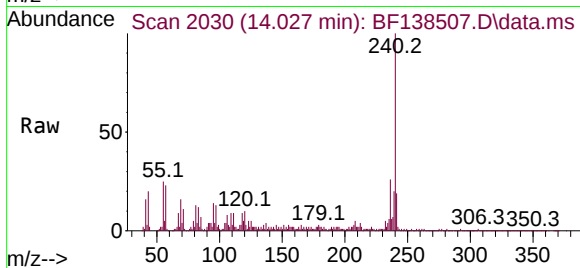
Tgt Ion:240 Resp: 146507

Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

236 26.3 21.0 31.6



#79

Terphenyl-d14

Concen: 58.321 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138507.D

Acq: 10 Jul 2024 18:14

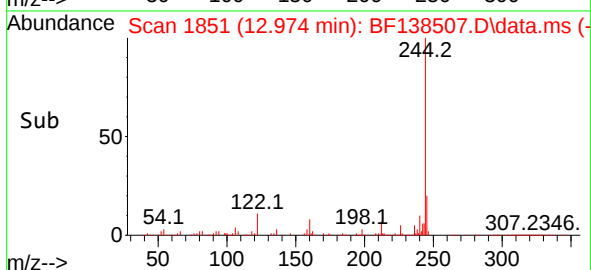
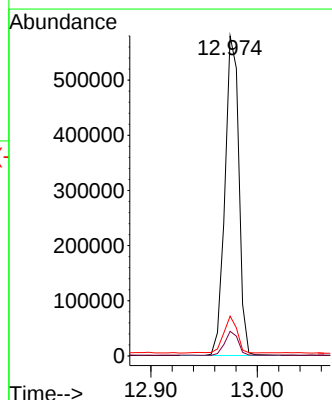
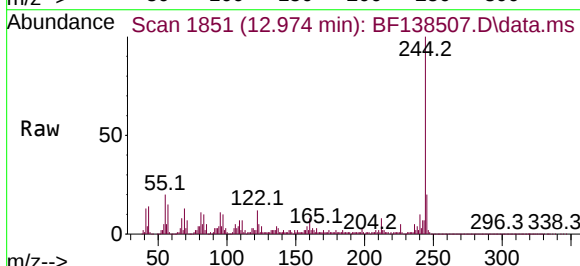
Tgt Ion:244 Resp: 524479

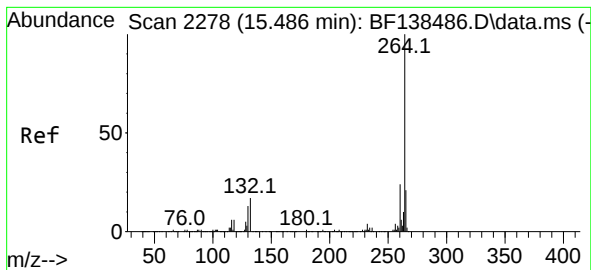
Ion Ratio Lower Upper

244 100

212 7.7 5.5 8.3

122 12.4 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138507.D

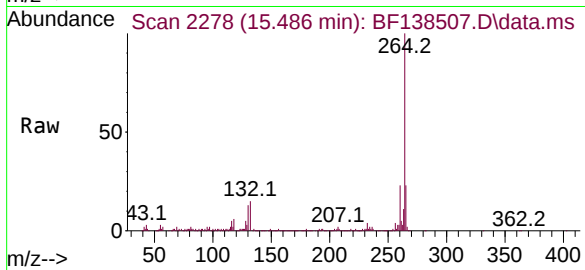
Acq: 10 Jul 2024 18:14

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-1



Tgt Ion:264 Resp: 170408

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.6

265 22.8 17.0 25.4

