

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126614.D
 Acq On : 20 Jan 2022 16:45
 Operator : CG/JU
 Sample : N1189-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-3

Quant Time: Jan 20 17:42:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

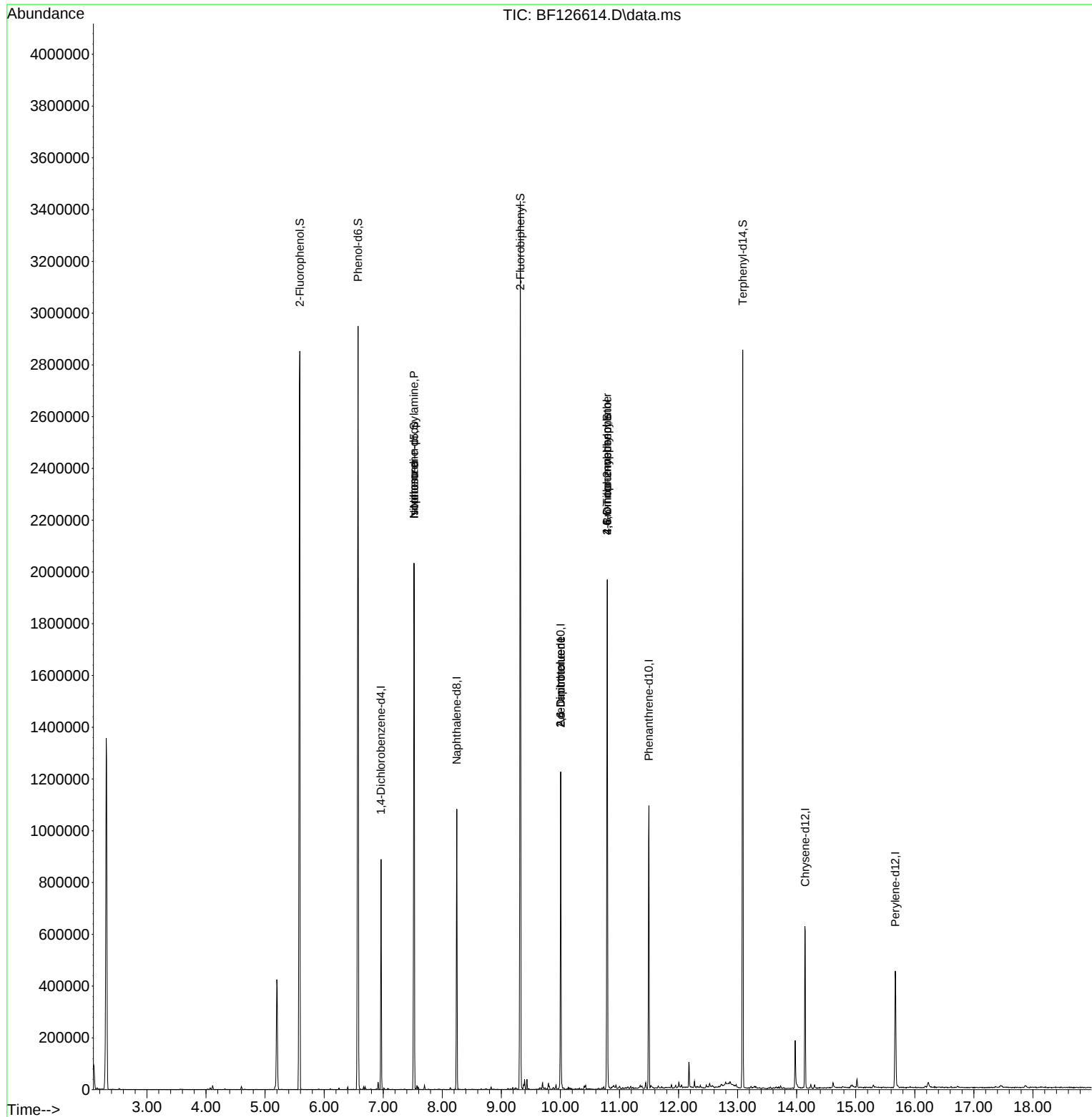
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	104207	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	393376	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	215388	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	364722	20.000	ng	0.00
76) Chrysene-d12	14.145	240	213165	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	207788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	785329	99.169	ng	0.00
7) Phenol-d6	6.575	99	1070412	97.287	ng	0.00
23) Nitrobenzene-d5	7.522	82	779293	77.540	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	180809	89.700	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	919768	65.399	ng	0.00
79) Terphenyl-d14	13.086	244	861228	67.765	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	2323	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	106571	13.271	ng	# 71
25) Isophorone	7.522	82	779282	39.982	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	27425	10.389	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	27425	8.573	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	367	7.550	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	12097	2.878	ng	# 1

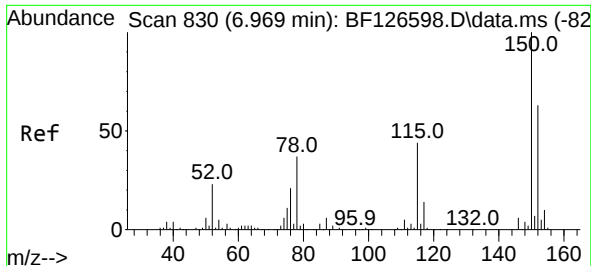
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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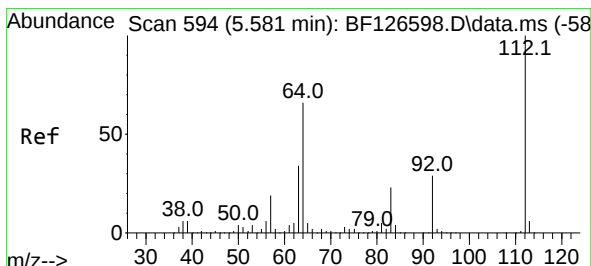
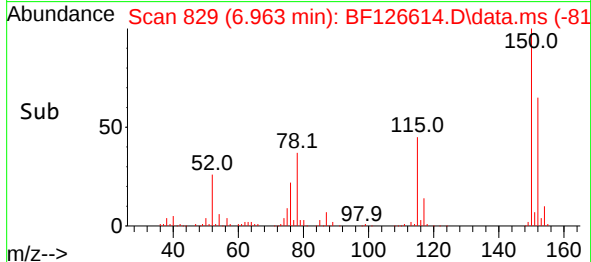
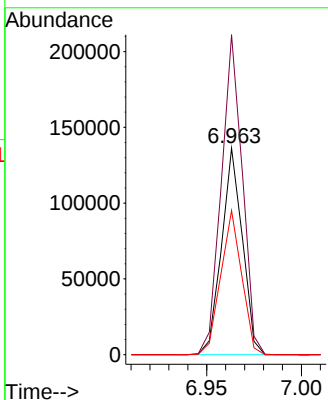
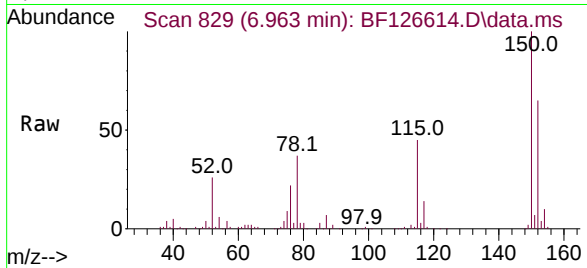




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126614.D
 Acq: 20 Jan 2022 16:45

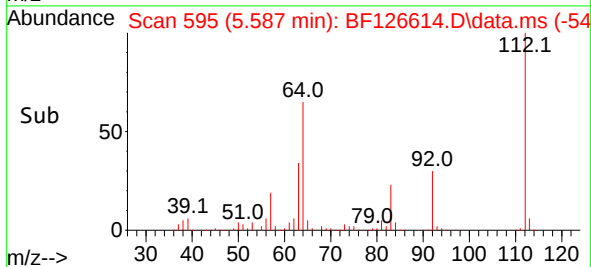
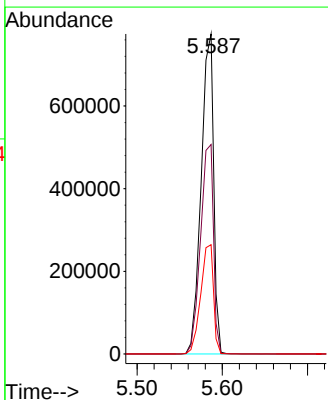
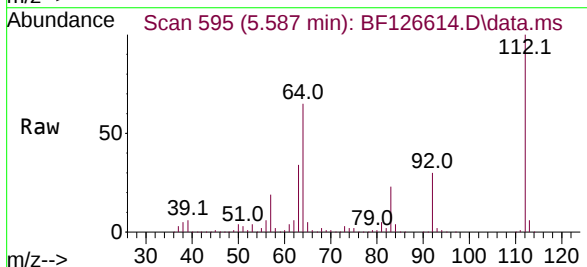
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-3

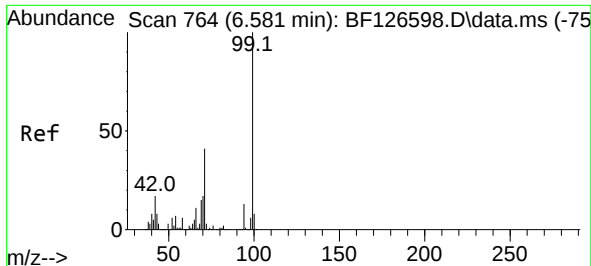
Tgt Ion:152 Resp: 104207
 Ion Ratio Lower Upper
 152 100
 150 155.0 128.1 192.1
 115 69.8 56.7 85.1



#5
 2-Fluorophenol
 Concen: 99.169 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.006 min
 Lab File: BF126614.D
 Acq: 20 Jan 2022 16:45

Tgt Ion:112 Resp: 785329
 Ion Ratio Lower Upper
 112 100
 64 65.4 49.5 74.3
 63 34.1 23.9 35.9

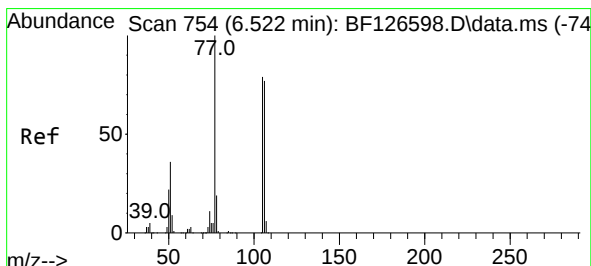
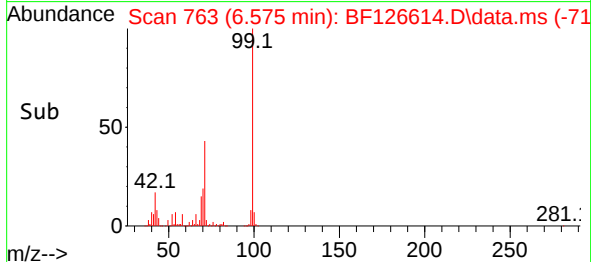
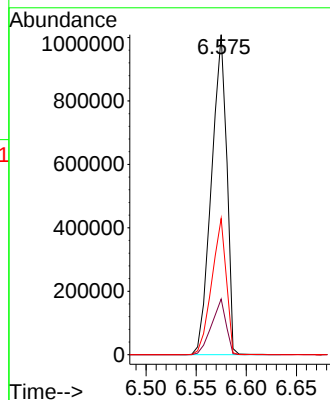
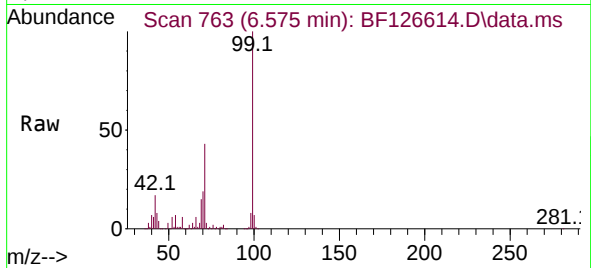




#7
Phenol-d6
Concen: 97.287 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

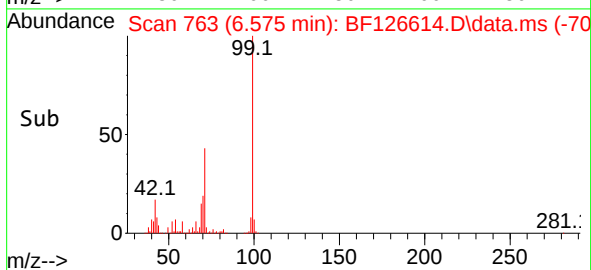
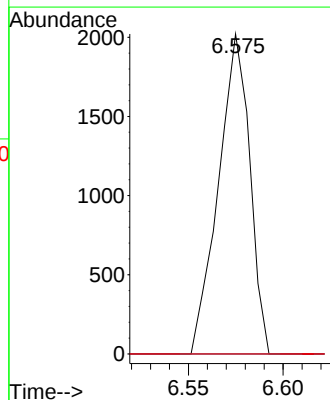
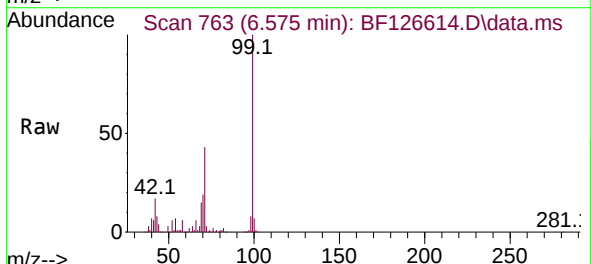
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-3

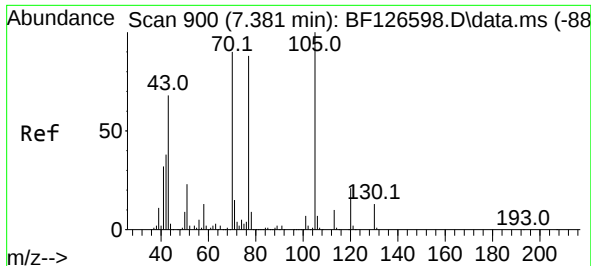
Tgt Ion: 99 Resp: 1070412
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 42.5 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 763
Delta R.T. 0.053 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

Tgt Ion: 77 Resp: 2323
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#

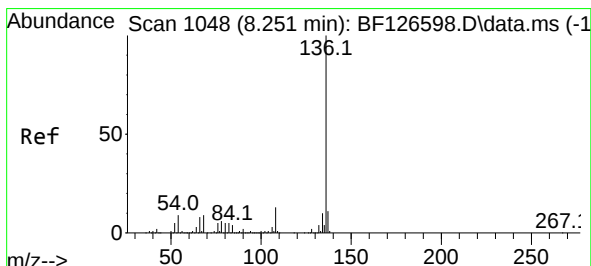
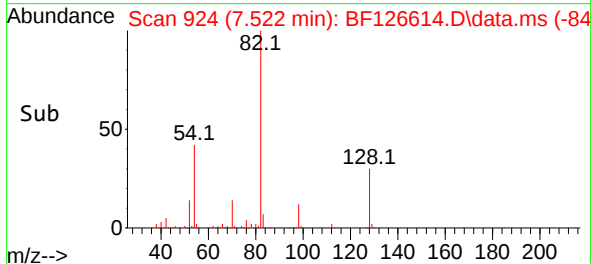
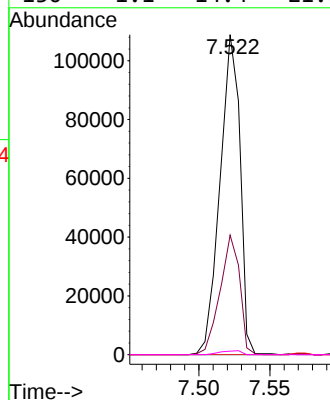
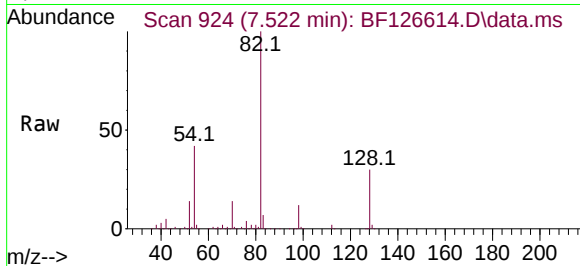




#19
n-Nitroso-di-n-propylamine
Concen: 13.271 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

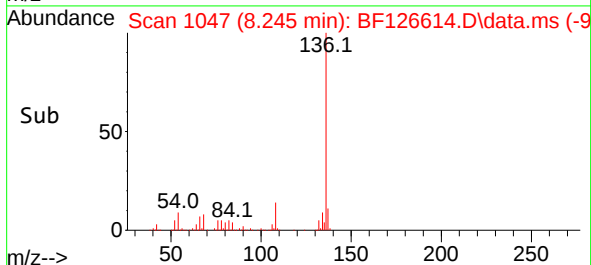
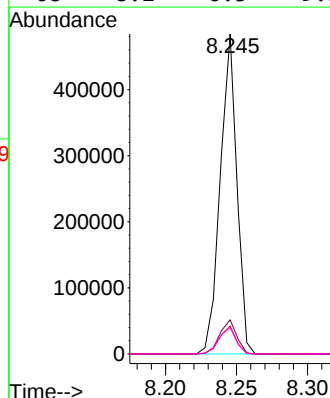
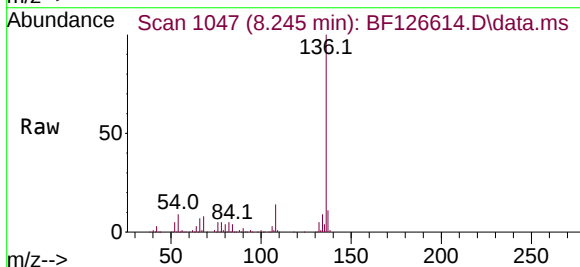
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-3

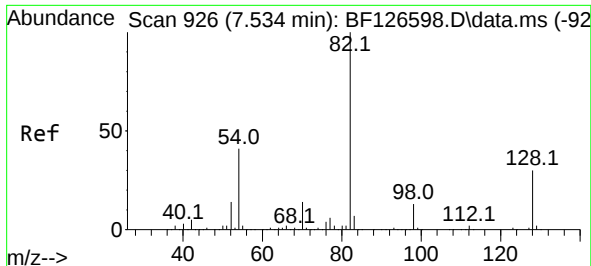
Tgt Ion: 70 Resp: 106571
Ion Ratio Lower Upper
70 100
42 37.3 45.8 68.8#
101 0.0 6.9 10.3#
130 1.1 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

Tgt Ion: 136 Resp: 393376
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 7.8 11.6
68 8.2 6.3 9.5

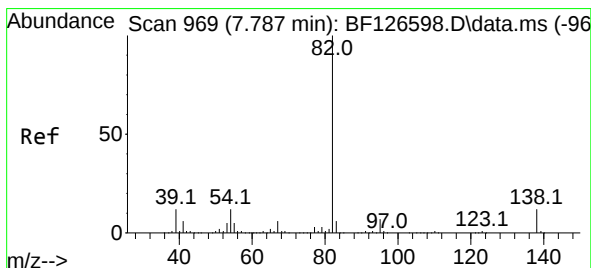
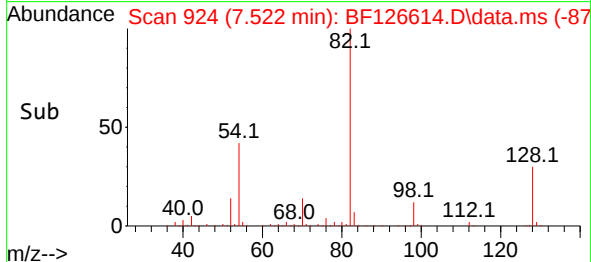
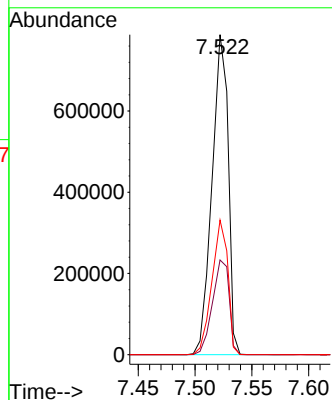
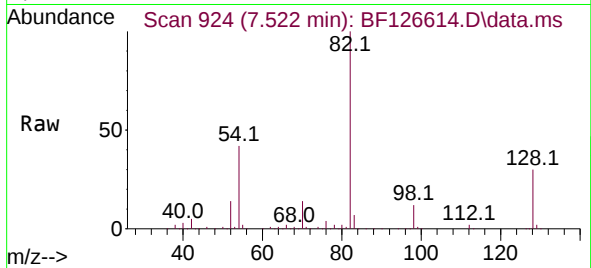




#23
Nitrobenzene-d5
Concen: 77.540 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

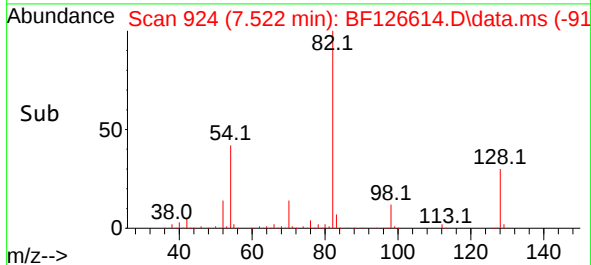
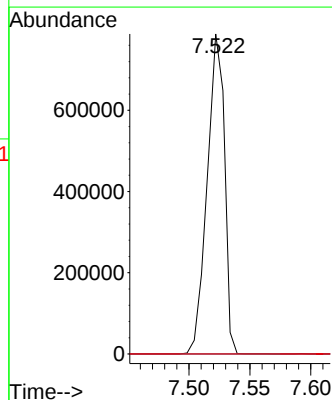
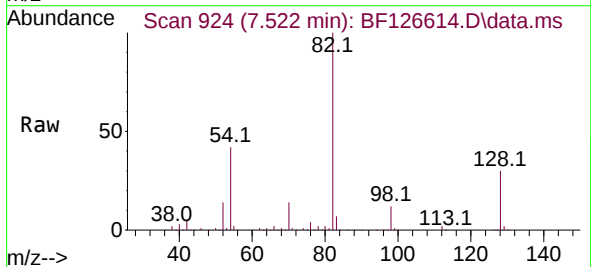
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-3

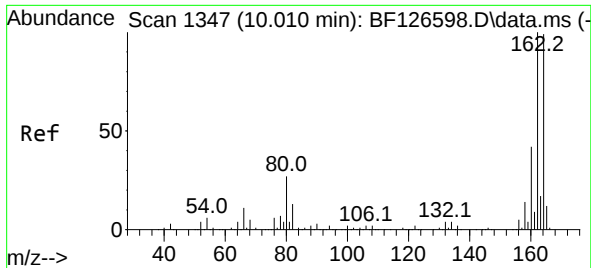
Tgt Ion: 82 Resp: 779293
Ion Ratio Lower Upper
82 100
128 29.6 32.7 49.1#
54 42.1 41.7 62.5



#25
Isophorone
Concen: 39.982 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

Tgt Ion: 82 Resp: 779282
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

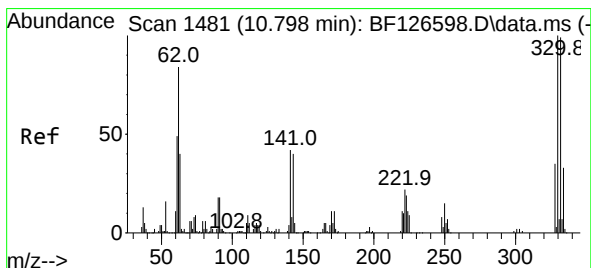
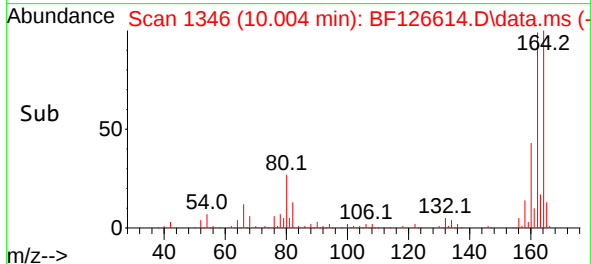
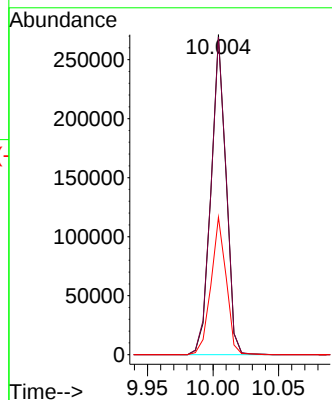
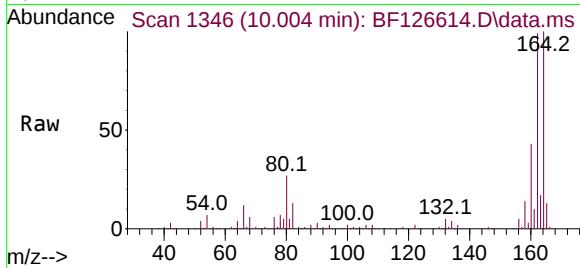




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

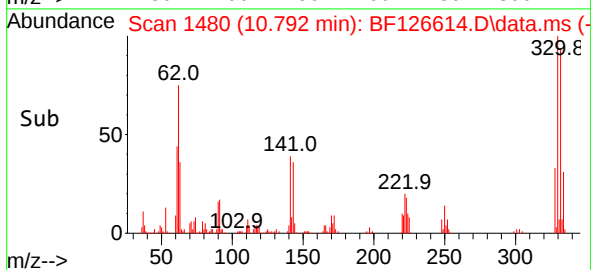
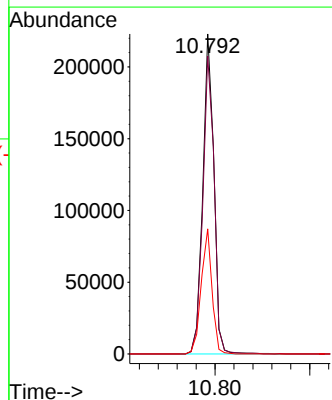
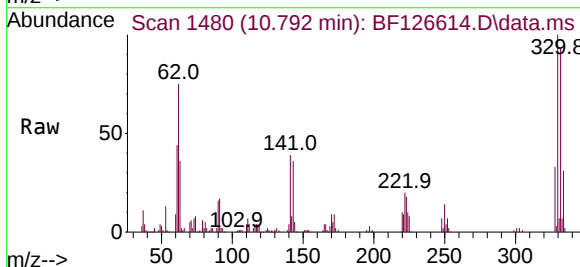
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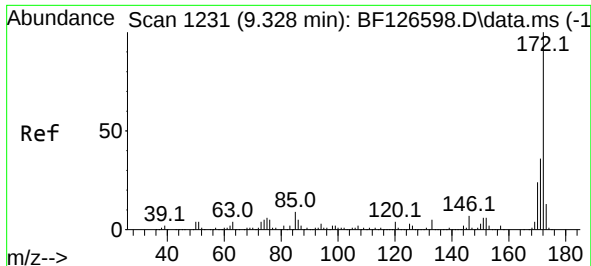
Tgt Ion:164 Resp: 215388
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 43.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 89.700 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

Tgt Ion:330 Resp: 180809
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 38.2 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 65.399 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126614.D

Acq: 20 Jan 2022 16:45

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-3

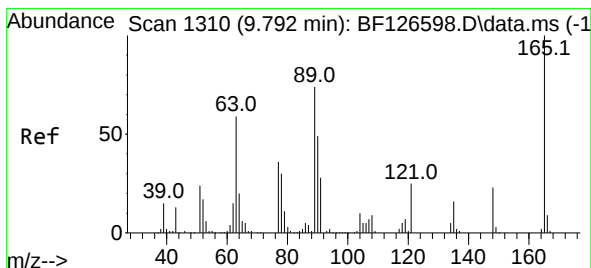
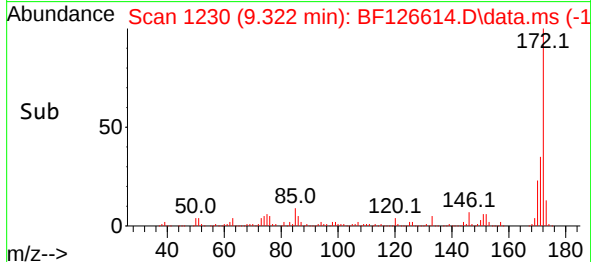
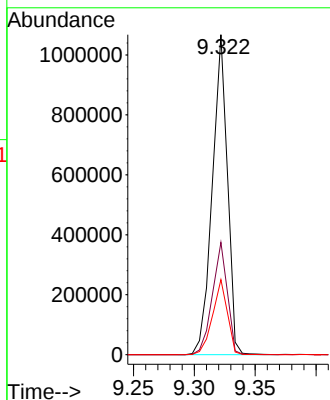
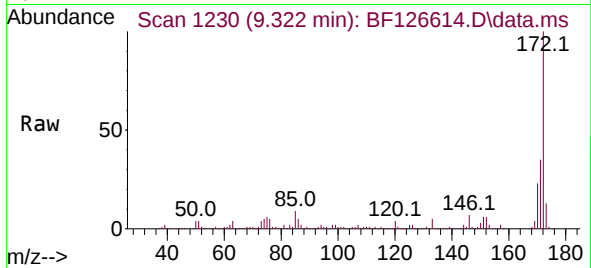
Tgt Ion:172 Resp: 919768

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.389 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126614.D

Acq: 20 Jan 2022 16:45

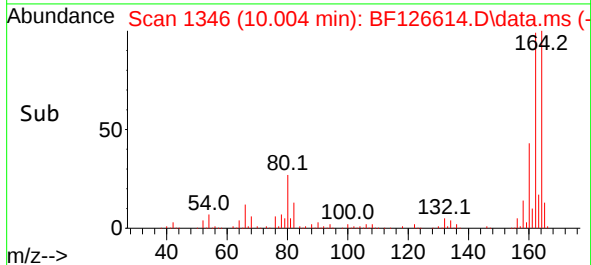
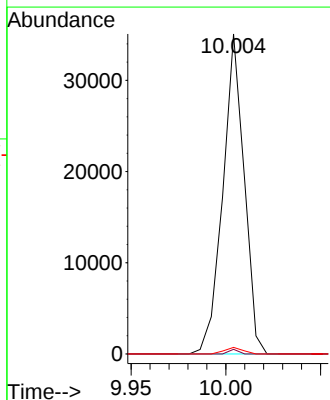
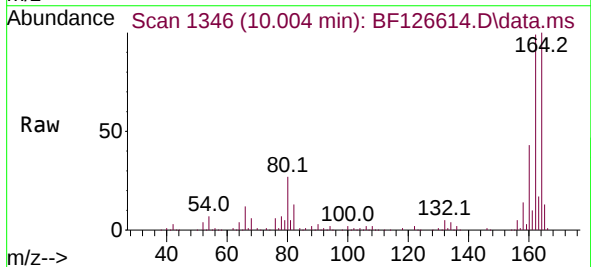
Tgt Ion:165 Resp: 27425

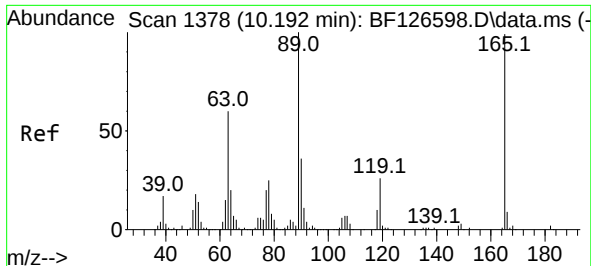
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 2.0 50.5 75.7#

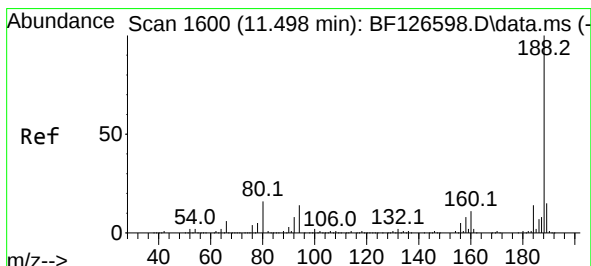
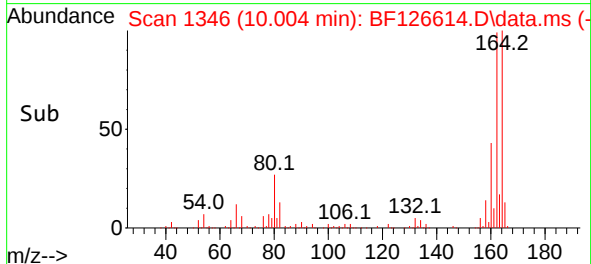
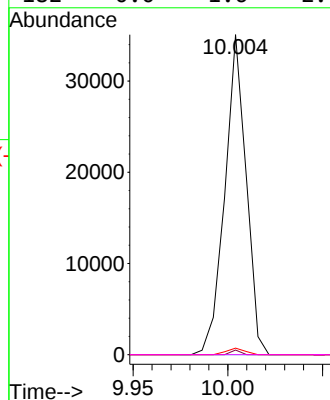
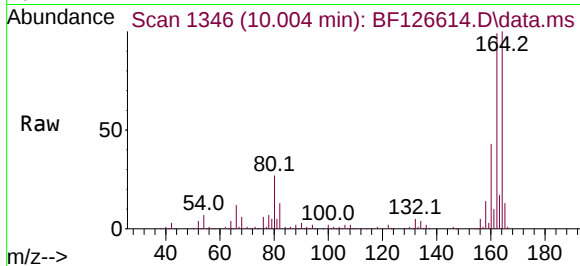




#57
2,4-Dinitrotoluene
Concen: 8.573 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

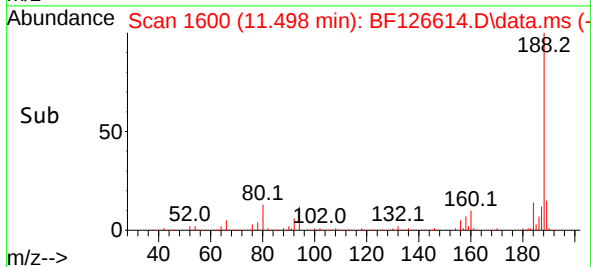
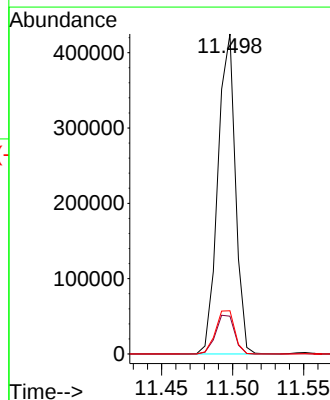
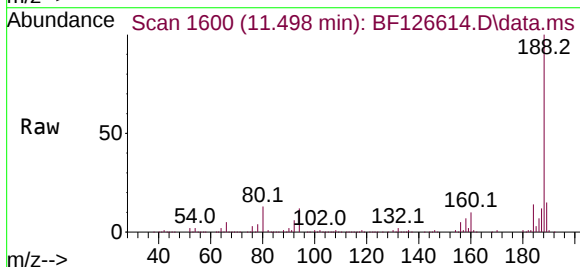
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-3

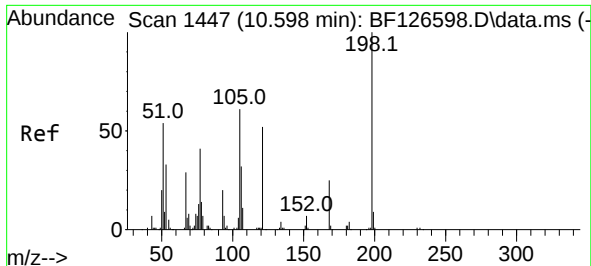
Tgt Ion:165 Resp: 27425
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

Tgt Ion:188 Resp: 364722
Ion Ratio Lower Upper
188 100
94 11.8 10.1 15.1
80 13.5 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.550 ng

RT: 10.792 min Scan# 1447

Delta R.T. 0.194 min

Lab File: BF126614.D

Acq: 20 Jan 2022 16:45

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-3

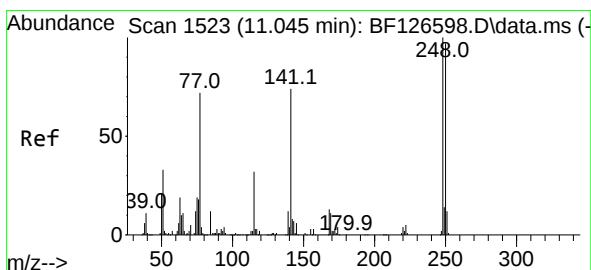
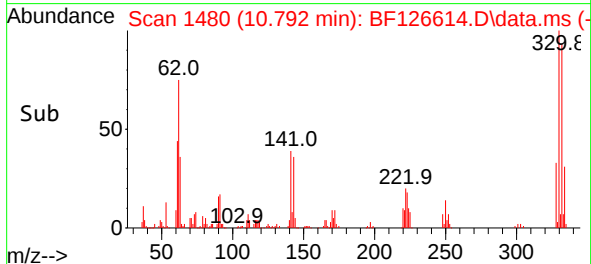
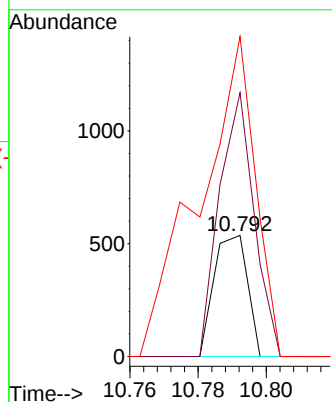
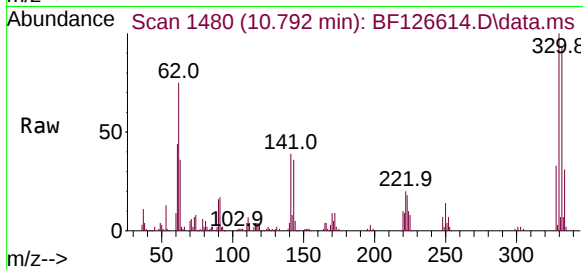
Tgt Ion:198 Resp: 367

Ion Ratio Lower Upper

198 100

51 217.9 32.0 72.0#

105 264.1 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 2.878 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.253 min

Lab File: BF126614.D

Acq: 20 Jan 2022 16:45

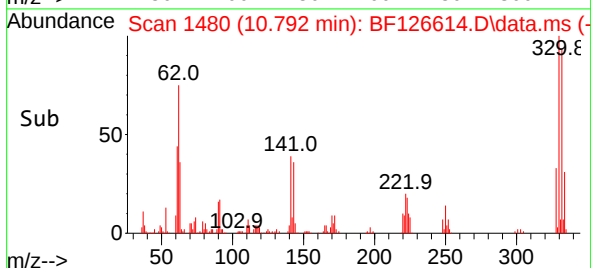
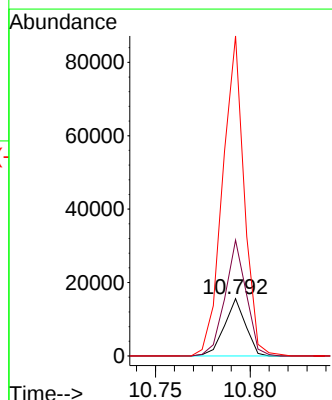
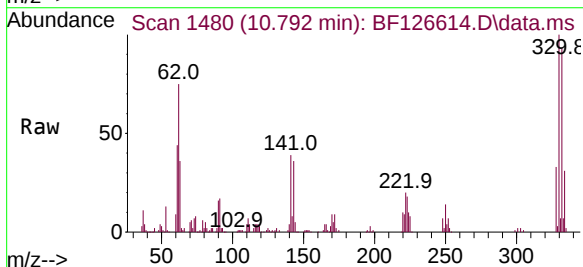
Tgt Ion:248 Resp: 12097

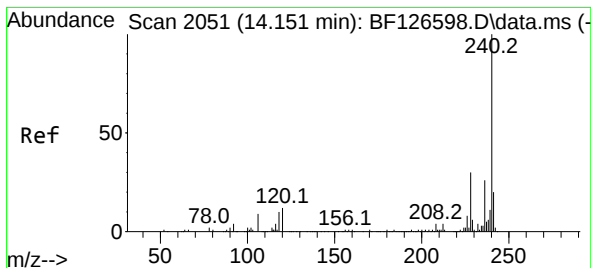
Ion Ratio Lower Upper

248 100

250 202.2 76.2 114.4#

141 558.5 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BF126614.D

Acq: 20 Jan 2022 16:45

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-3

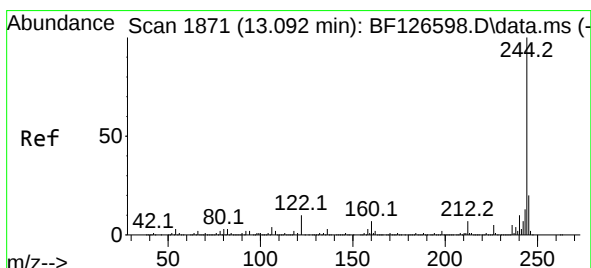
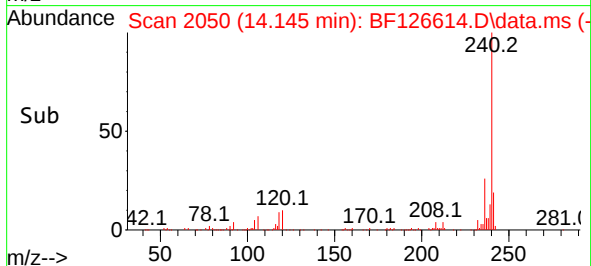
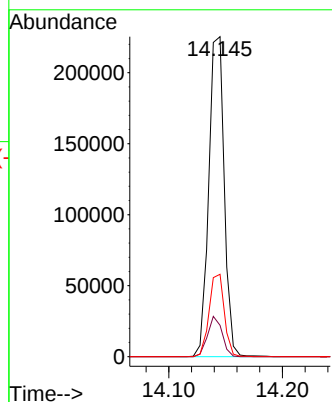
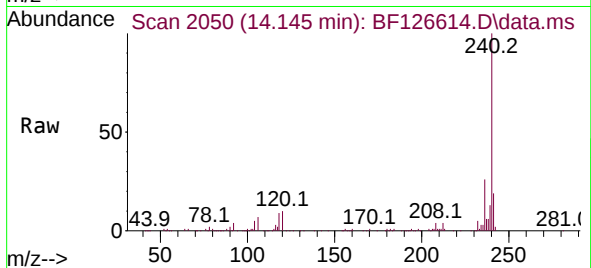
Tgt Ion:240 Resp: 213165

Ion Ratio Lower Upper

240 100

120 9.8 14.4 21.6#

236 25.8 20.5 30.7



#79

Terphenyl-d14

Concen: 67.765 ng

RT: 13.086 min Scan# 1870

Delta R.T. -0.006 min

Lab File: BF126614.D

Acq: 20 Jan 2022 16:45

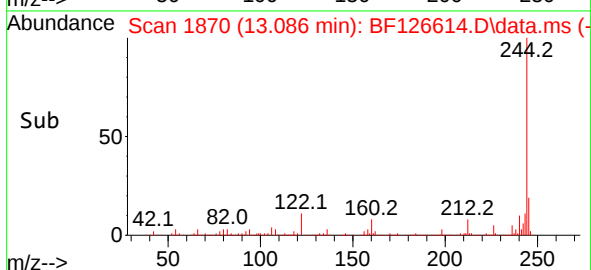
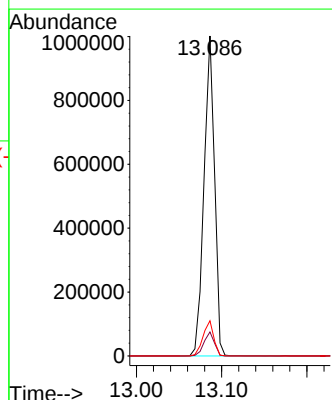
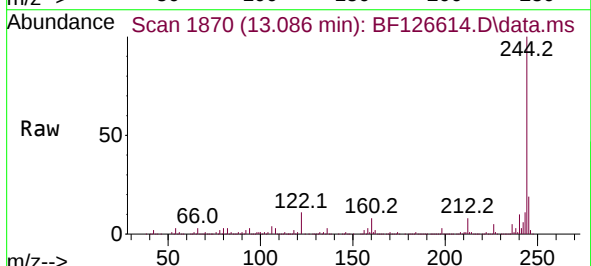
Tgt Ion:244 Resp: 861228

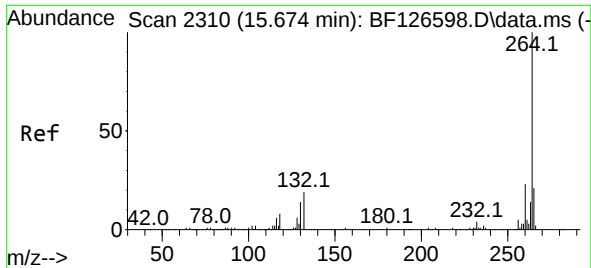
Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.4#

122 11.0 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126614.D
 Acq: 20 Jan 2022 16:45

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-3

Tgt Ion:264 Resp: 207788
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.9 17.4 26.2

