

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126621.D
 Acq On : 20 Jan 2022 19:52
 Operator : CG/JU
 Sample : N1189-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-10

Quant Time: Jan 21 04:15:09 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)

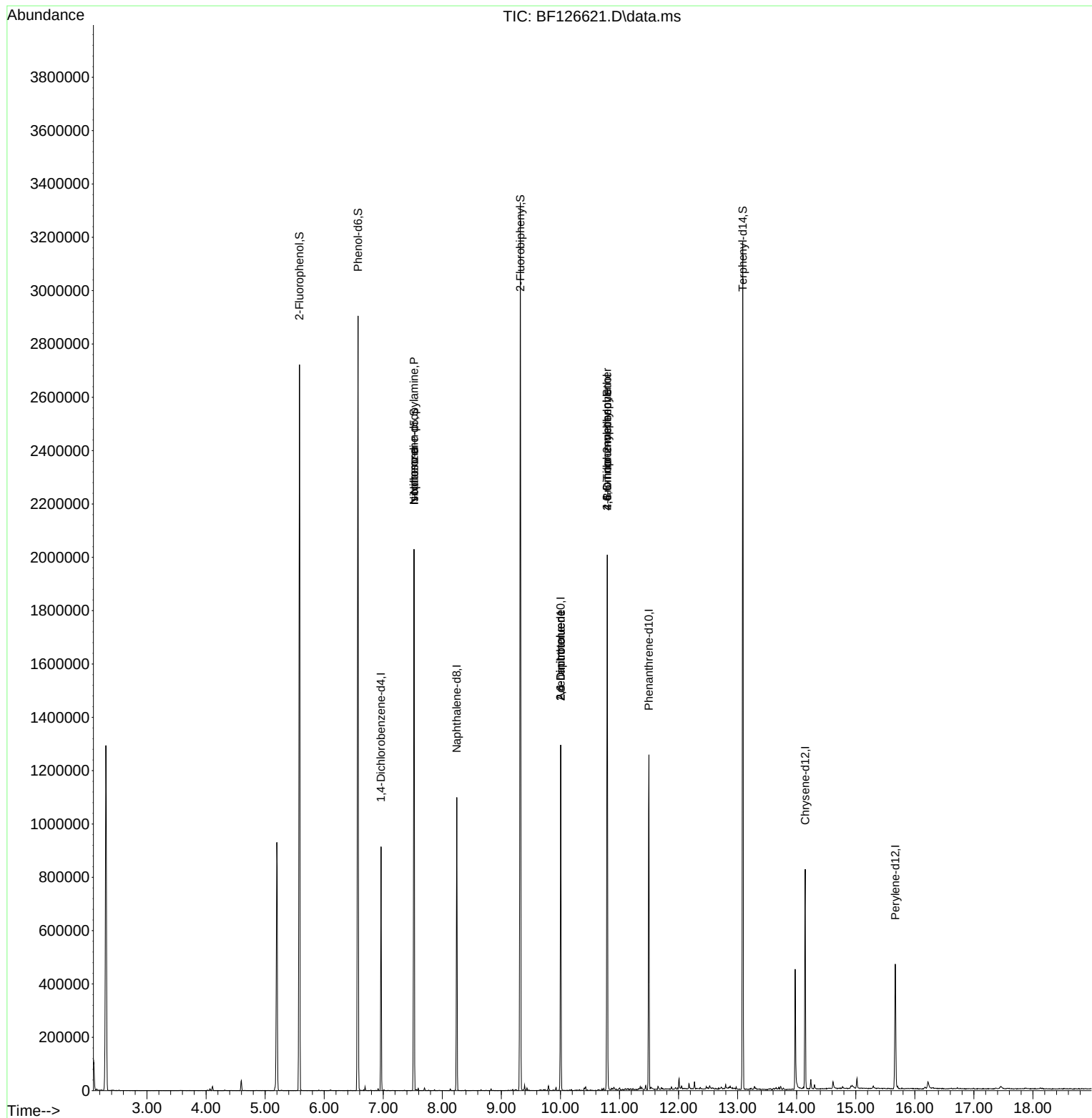
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	107128	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	420208	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	230269	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	405543	20.000	ng	0.00
76) Chrysene-d12	14.145	240	267967	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	205624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	707351	86.887	ng	0.00
7) Phenol-d6	6.575	99	1012143	89.483	ng	0.00
23) Nitrobenzene-d5	7.522	82	743455	69.251	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	183601	85.199	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	937234	62.335	ng	0.00
79) Terphenyl-d14	13.086	244	1009837	63.208	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.575	77	2033	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	101587	12.306	ng	# 68
25) Isophorone	7.522	82	743444	35.708	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	29258	10.367	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	29258	8.555	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	508	7.593	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	12672	2.711	ng	# 1

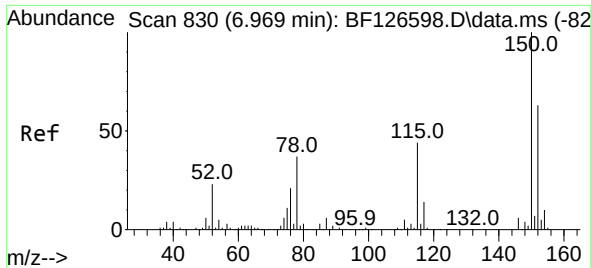
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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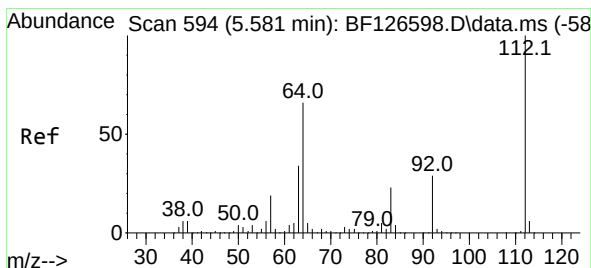
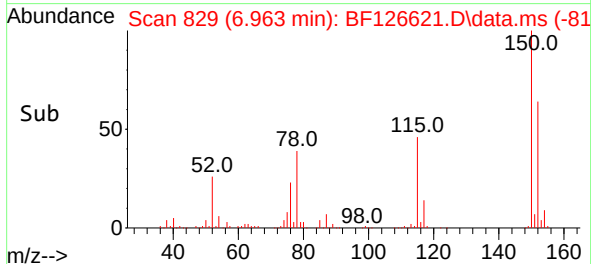
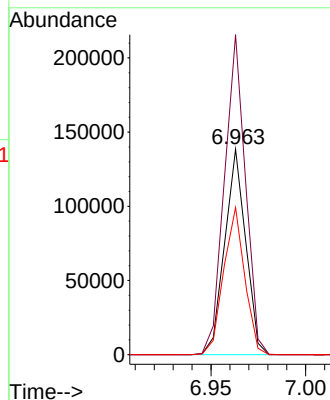
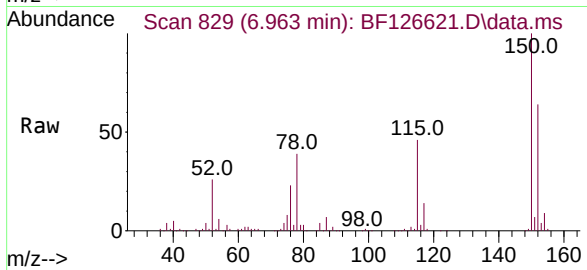




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

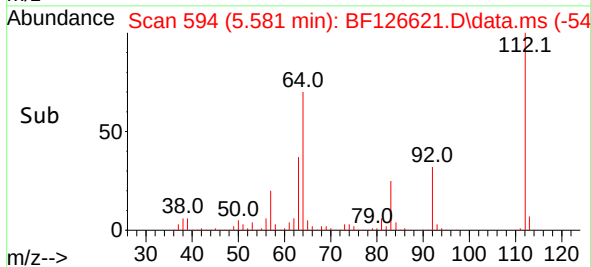
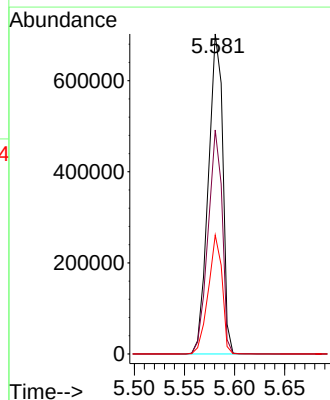
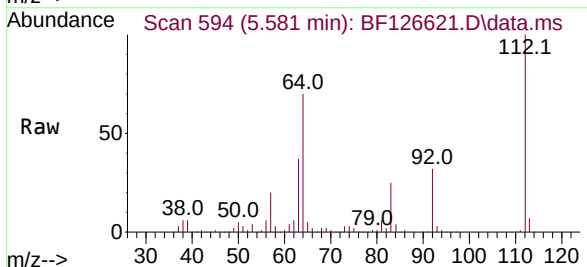
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-10

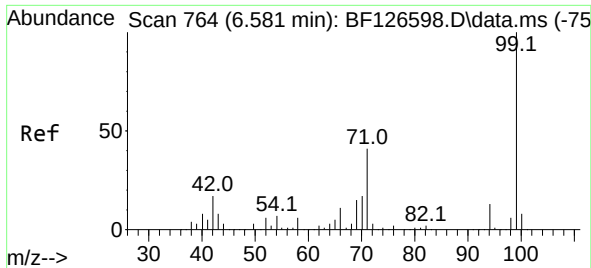
Tgt Ion:152 Resp: 107128
Ion Ratio Lower Upper
152 100
150 155.6 128.1 192.1
115 71.5 56.7 85.1



#5
2-Fluorophenol
Concen: 86.887 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

Tgt Ion:112 Resp: 707351
Ion Ratio Lower Upper
112 100
64 70.0 49.5 74.3
63 37.1 23.9 35.9#





#7

Phenol-d6

Concen: 89.483 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF126621.D

Acq: 20 Jan 2022 19:52

Instrument :

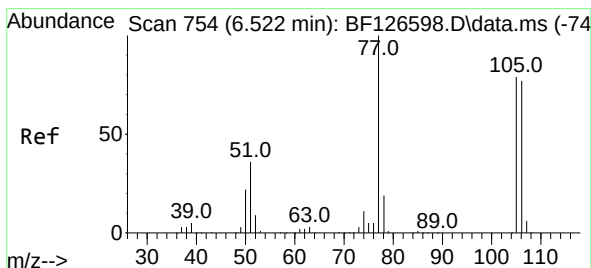
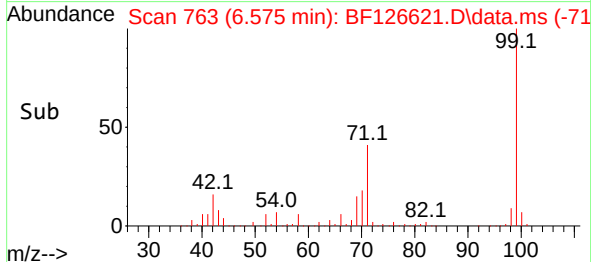
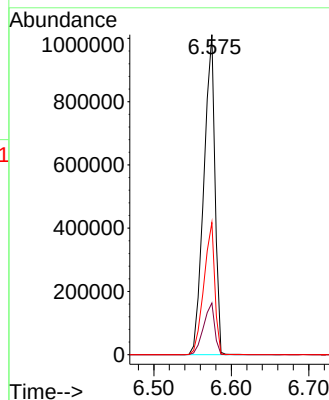
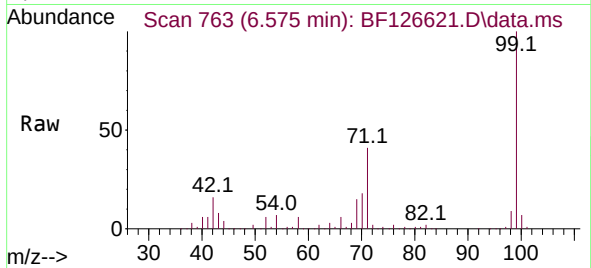
BNA_F

ClientSampleId :

MTR-SOIL-10

Tgt Ion: 99 Resp: 1012143

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.2	21.4
71	41.3	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 763

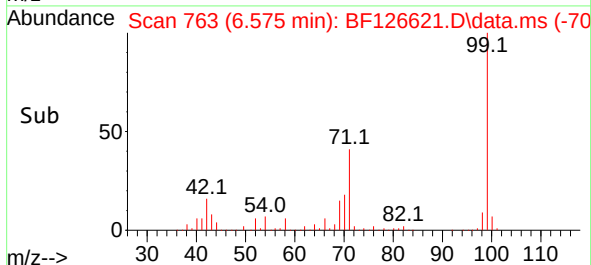
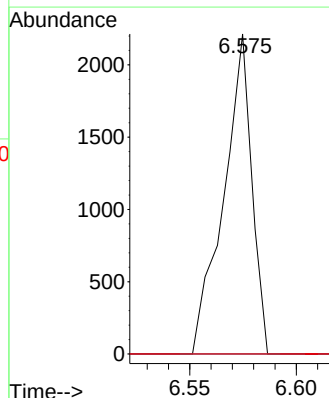
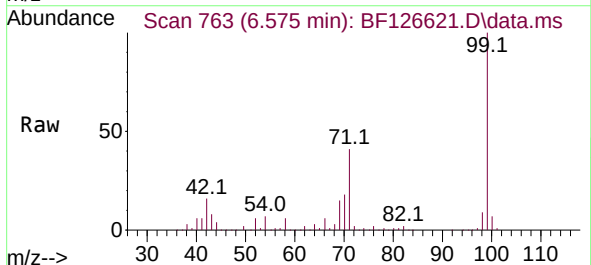
Delta R.T. 0.053 min

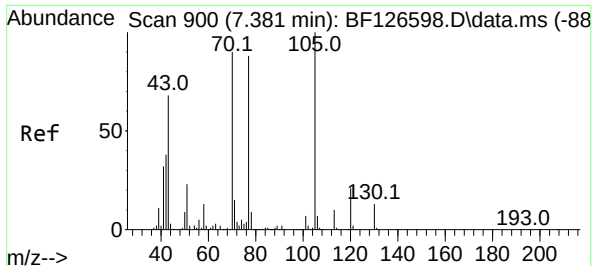
Lab File: BF126621.D

Acq: 20 Jan 2022 19:52

Tgt Ion: 77 Resp: 2033

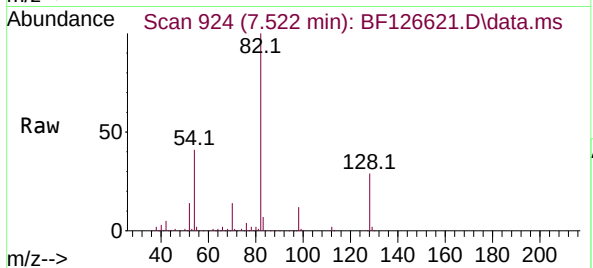
Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.9	114.9
106	0.0	72.4	112.4



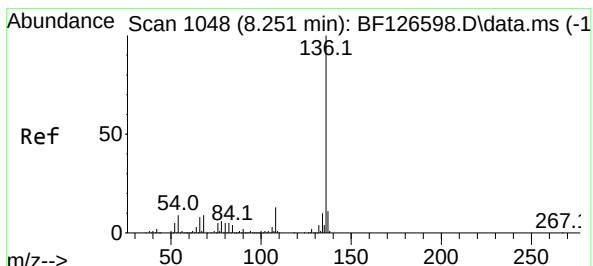
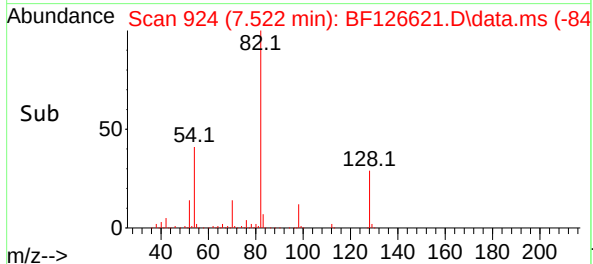
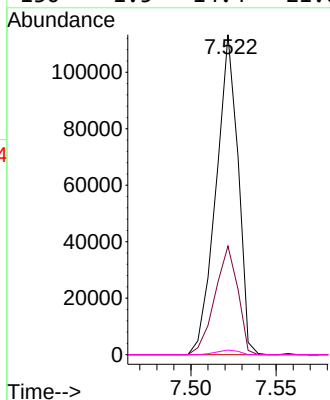


#19
n-Nitroso-di-n-propylamine
Concen: 12.306 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-10

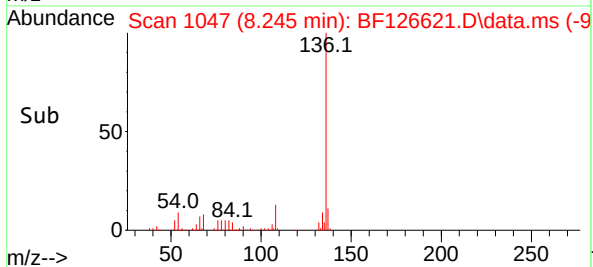
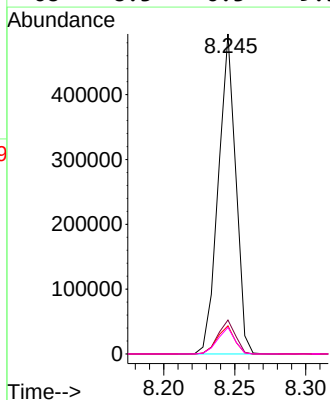
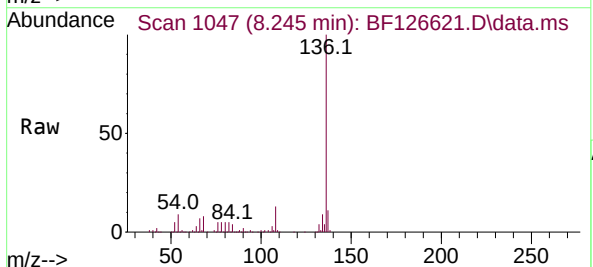


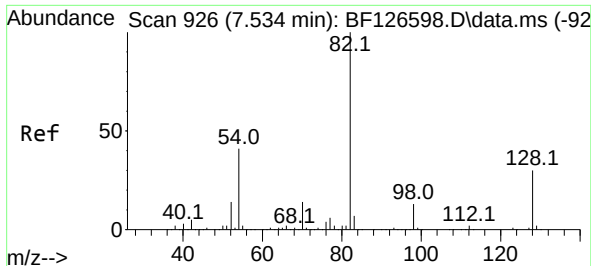
Tgt Ion: 70 Resp: 101587
Ion Ratio Lower Upper
70 100
42 34.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

Tgt Ion: 136 Resp: 420208
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.8 7.8 11.6
68 8.3 6.3 9.5

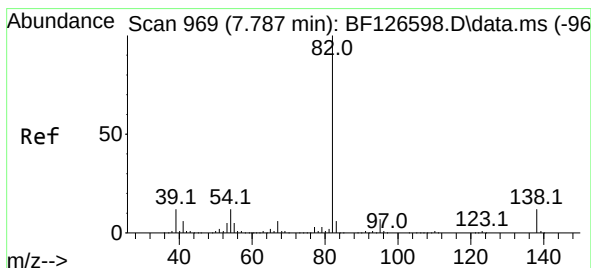
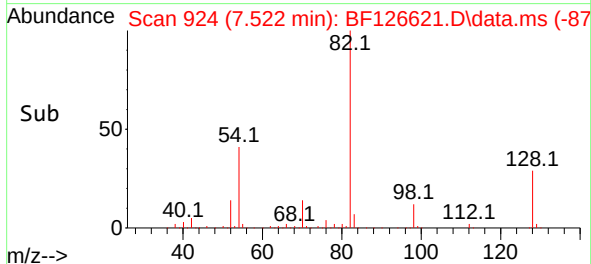
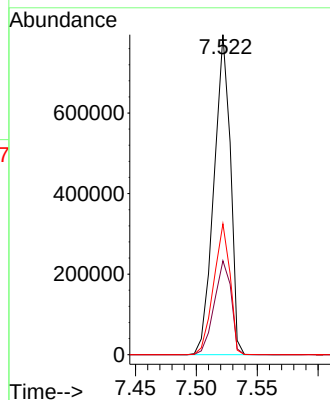
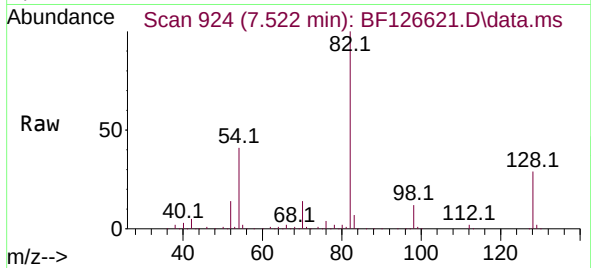




#23
Nitrobenzene-d5
Concen: 69.251 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

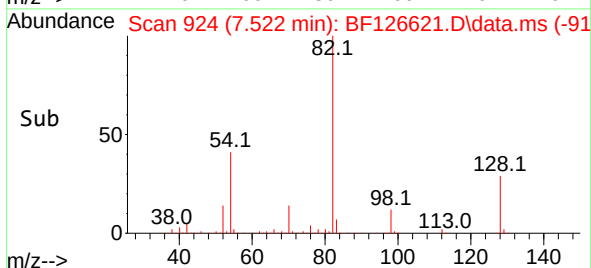
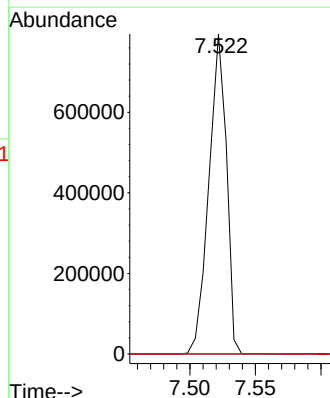
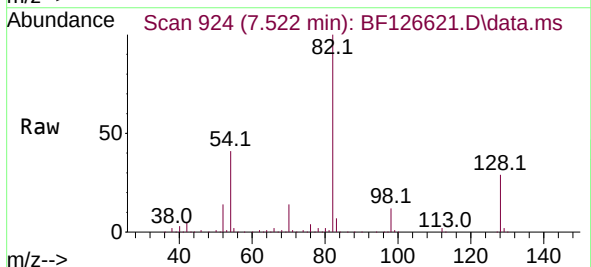
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-10

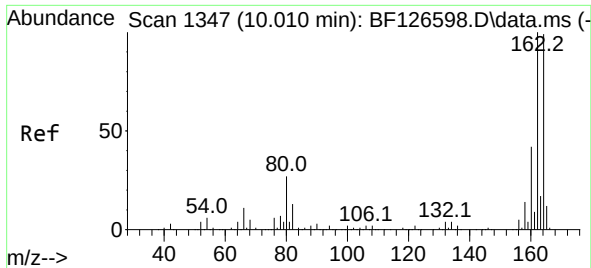
Tgt Ion: 82 Resp: 743455
Ion Ratio Lower Upper
82 100
128 29.4 32.7 49.1#
54 40.9 41.7 62.5#



#25
Isophorone
Concen: 35.708 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

Tgt Ion: 82 Resp: 743444
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

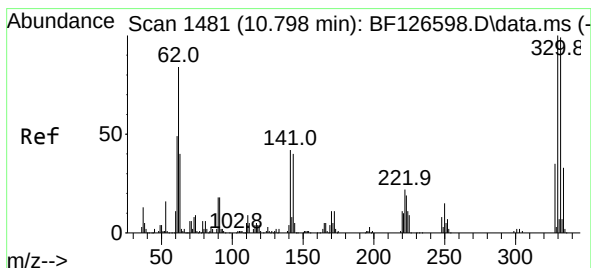
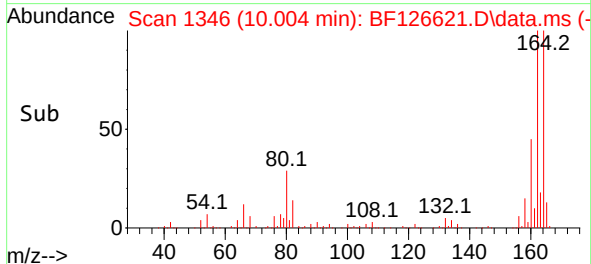
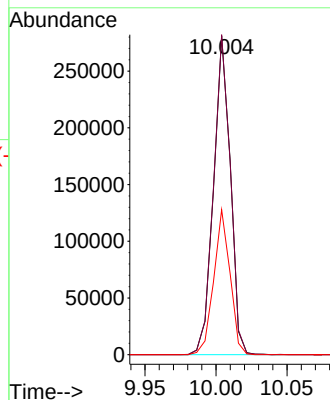
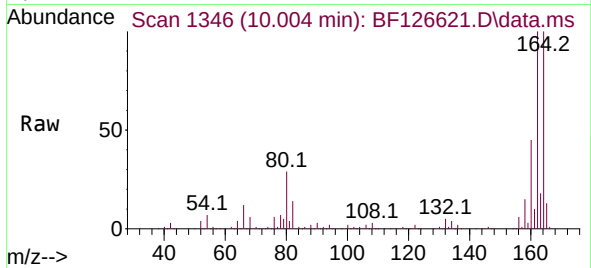




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

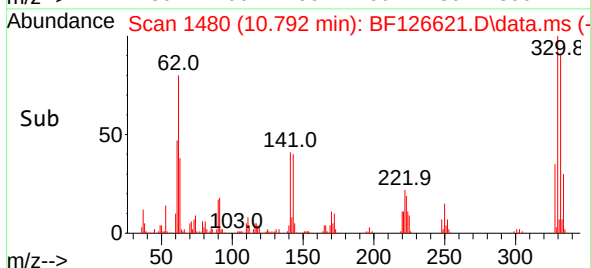
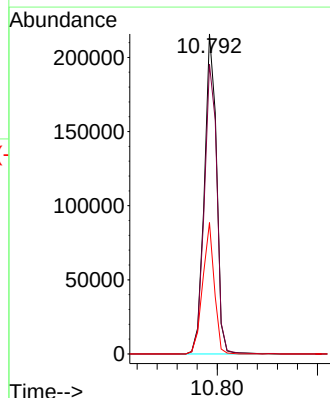
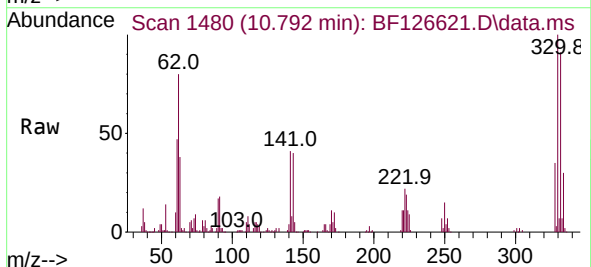
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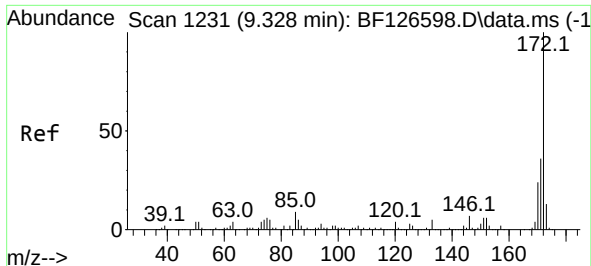
Tgt Ion:164 Resp: 230269
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 45.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 85.199 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

Tgt Ion:330 Resp: 183601
Ion Ratio Lower Upper
330 100
332 93.7 76.0 114.0
141 38.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 62.335 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126621.D

Acq: 20 Jan 2022 19:52

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-10

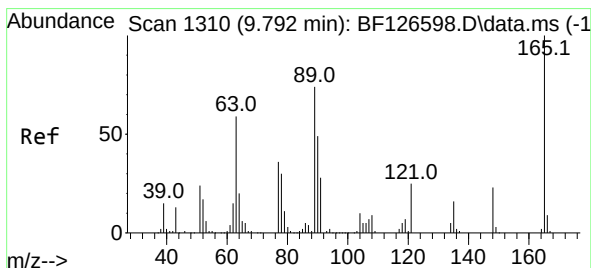
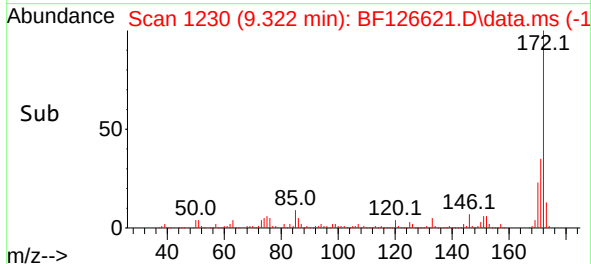
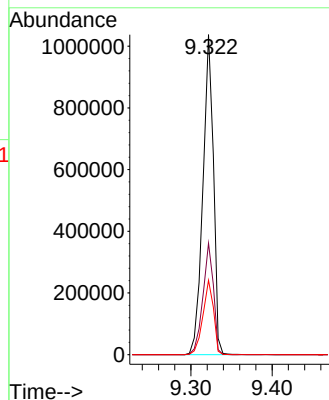
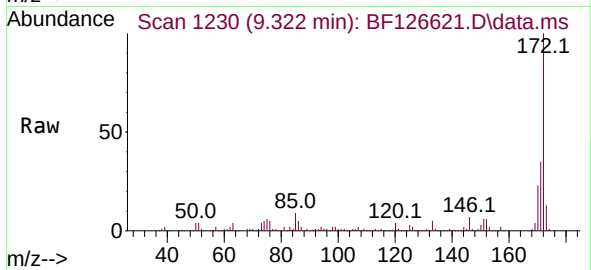
Tgt Ion:172 Resp: 937234

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.367 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126621.D

Acq: 20 Jan 2022 19:52

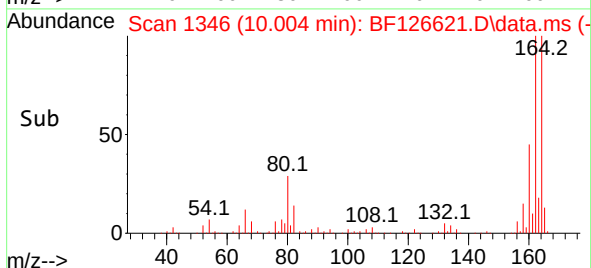
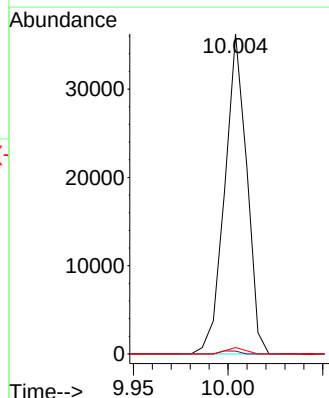
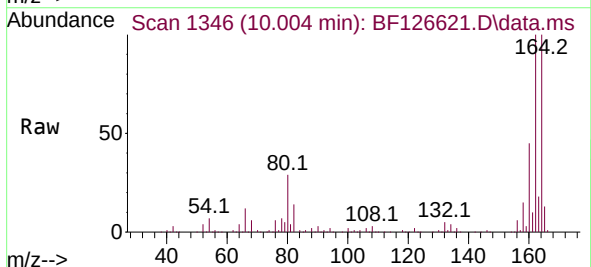
Tgt Ion:165 Resp: 29258

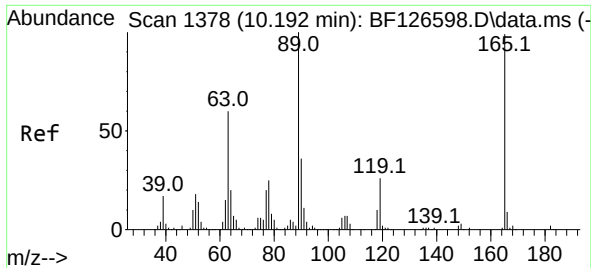
Ion Ratio Lower Upper

165 100

63 0.9 48.4 72.6#

89 2.0 50.5 75.7#

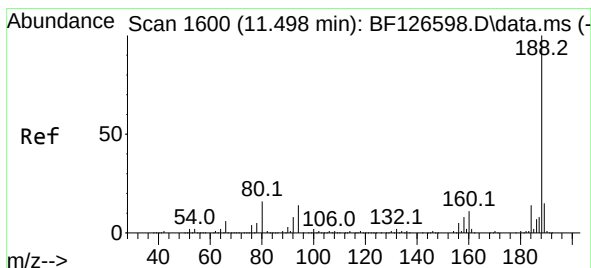
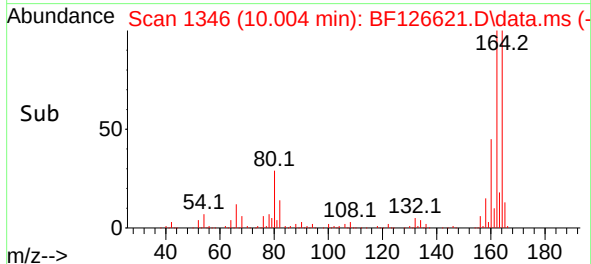
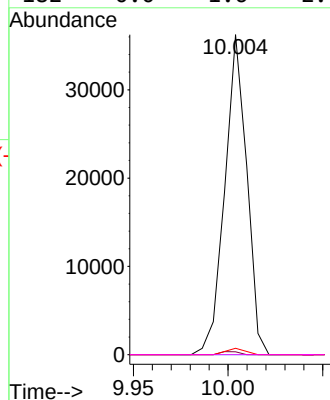
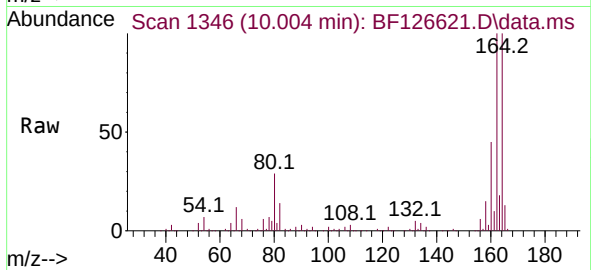




#57
2,4-Dinitrotoluene
Concen: 8.555 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

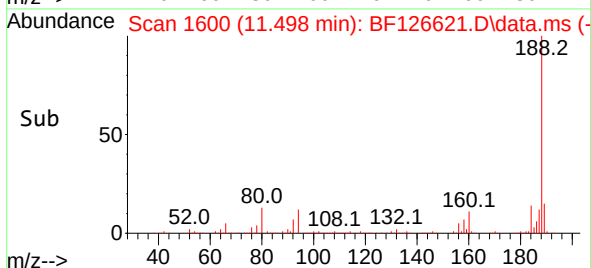
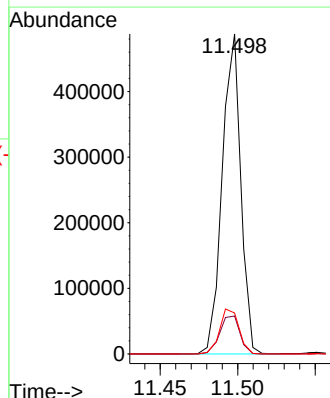
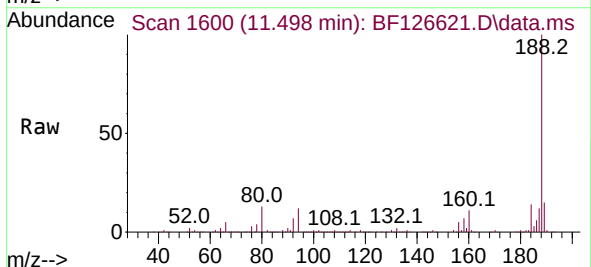
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-10

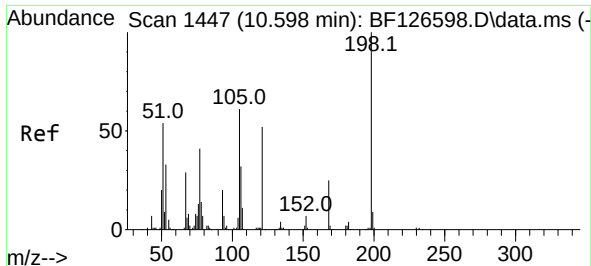
Tgt Ion:165 Resp: 29258
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

Tgt Ion:188 Resp: 405543
Ion Ratio Lower Upper
188 100
94 11.9 10.1 15.1
80 12.8 11.8 17.6

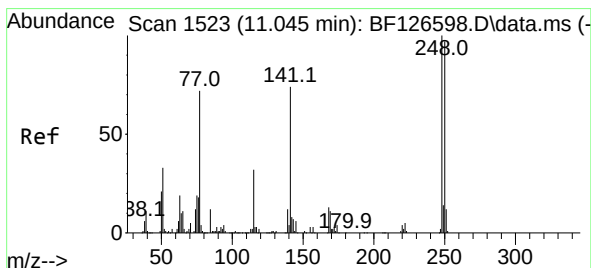
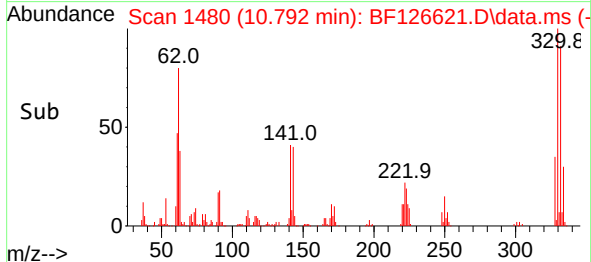
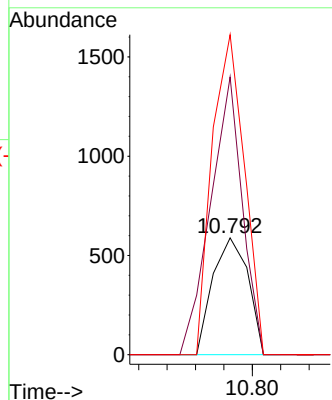
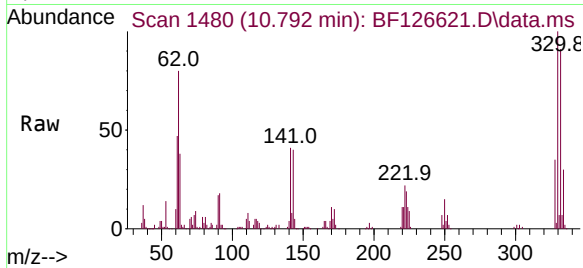




#65
4,6-Dinitro-2-methylphenol
Concen: 7.593 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

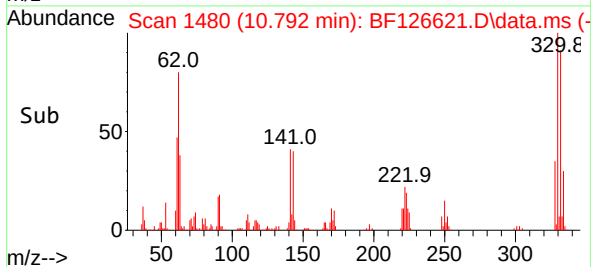
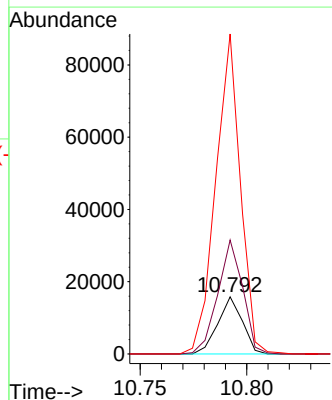
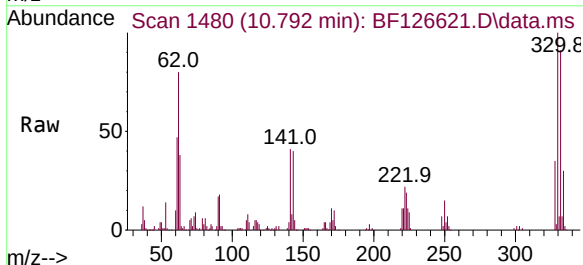
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-10

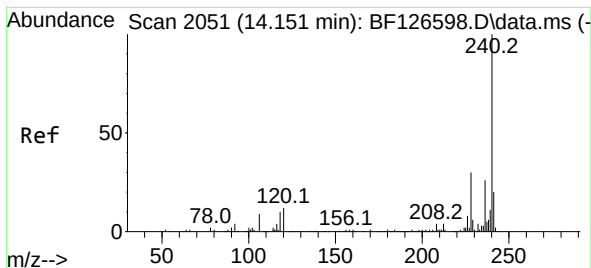
Tgt Ion:198 Resp: 508
Ion Ratio Lower Upper
198 100
51 237.5 32.0 72.0#
105 273.7 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 2.711 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

Tgt Ion:248 Resp: 12672
Ion Ratio Lower Upper
248 100
250 199.3 76.2 114.4#
141 560.0 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: BF126621.D

Acq: 20 Jan 2022 19:52

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-10

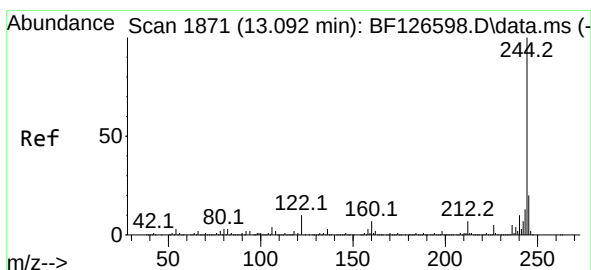
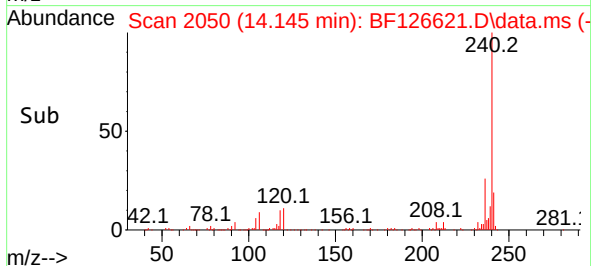
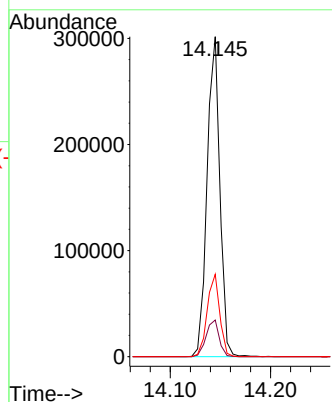
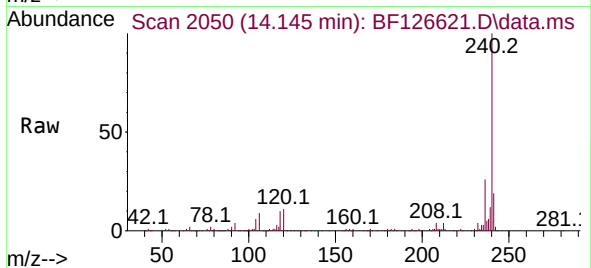
Tgt Ion:240 Resp: 267967

Ion Ratio Lower Upper

240 100

120 11.5 14.4 21.6#

236 25.7 20.5 30.7



#79

Terphenyl-d14

Concen: 63.208 ng

RT: 13.086 min Scan# 1870

Delta R.T. -0.006 min

Lab File: BF126621.D

Acq: 20 Jan 2022 19:52

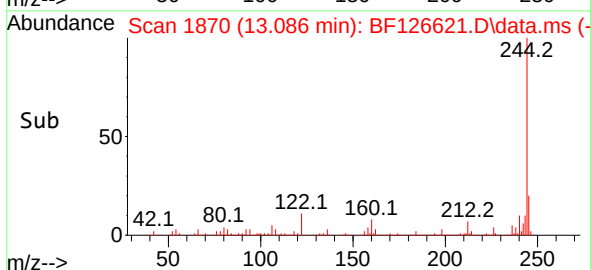
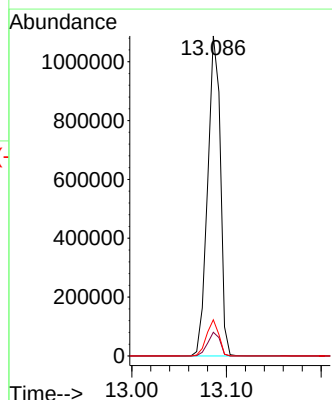
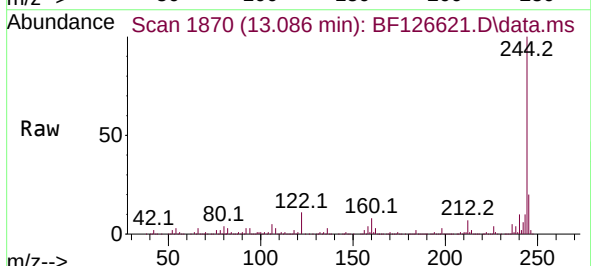
Tgt Ion:244 Resp: 1009837

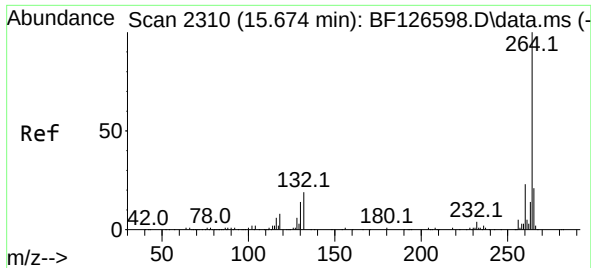
Ion Ratio Lower Upper

244 100

212 7.4 5.0 7.4

122 11.3 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: BF126621.D
 Acq: 20 Jan 2022 19:52

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-10

Tgt Ion:264 Resp: 205624
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 17.4 26.2

