

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126610.D
 Acq On : 20 Jan 2022 14:58
 Operator : CG/JU
 Sample : N1189-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-2

Quant Time: Jan 20 15:32:37 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)

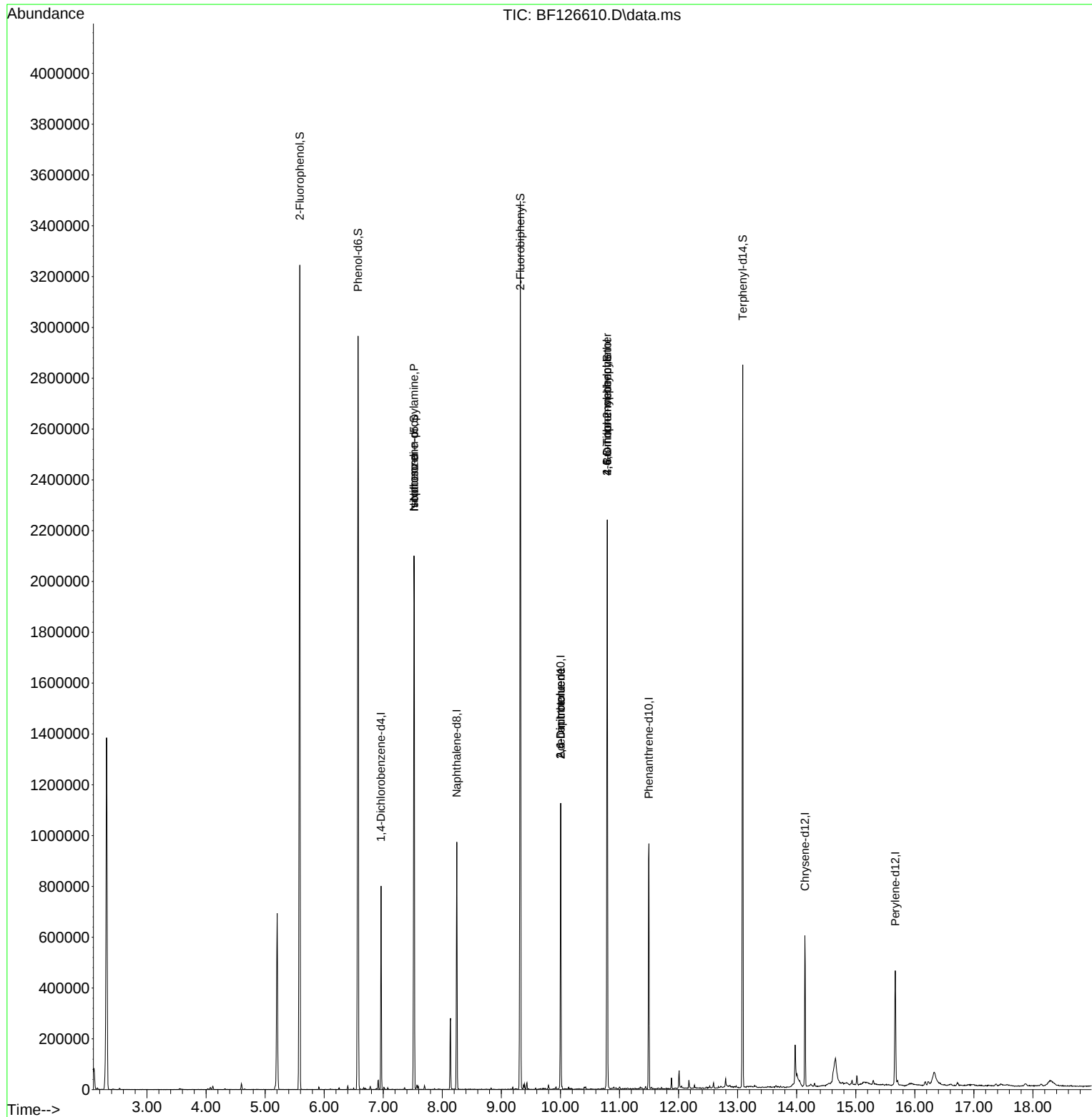
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	91694	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	369209	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	199271	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	325965	20.000	ng	0.00
76) Chrysene-d12	14.139	240	191462	20.000	ng	#-0.01
86) Perylene-d12	15.668	264	194765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	827146	118.704	ng	0.00
7) Phenol-d6	6.575	99	1133149	117.043	ng	0.00
23) Nitrobenzene-d5	7.522	82	838376	88.879	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	209946	112.580	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	975270	74.954	ng	0.00
79) Terphenyl-d14	13.086	244	855227	74.920	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	2274	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	115159	16.298	ng	# 71
25) Isophorone	7.522	82	838358	45.829	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	25638	10.498	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	25638	8.663	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	434	7.607	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	14802	3.940	ng	# 1

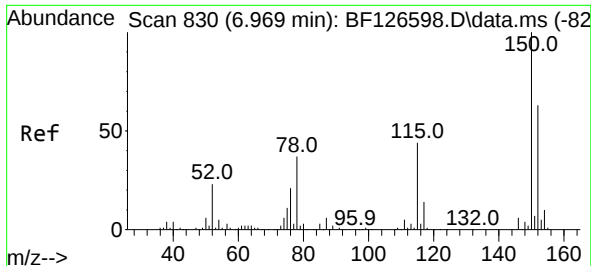
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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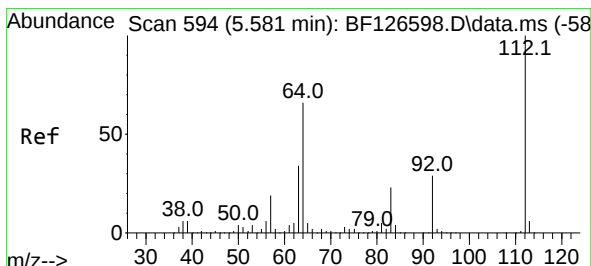
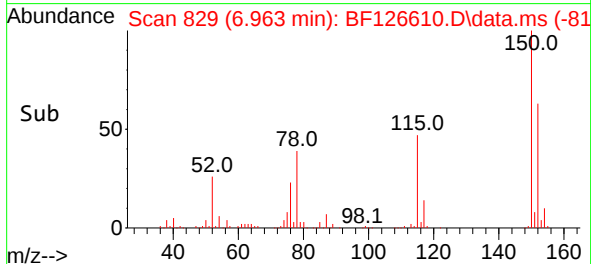
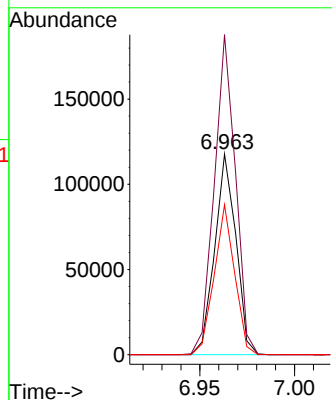
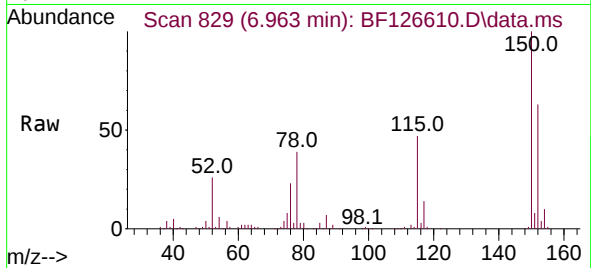




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

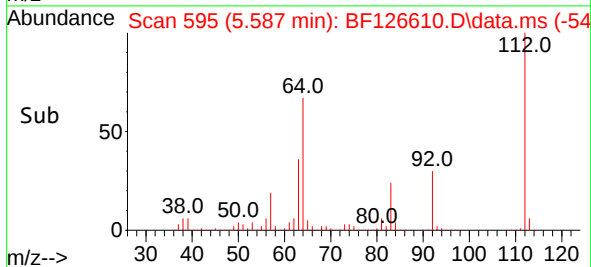
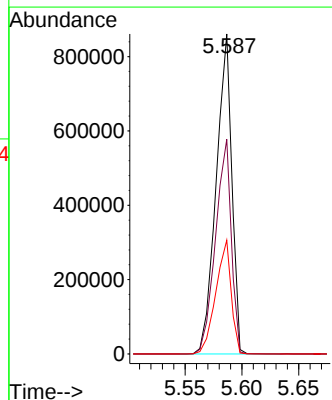
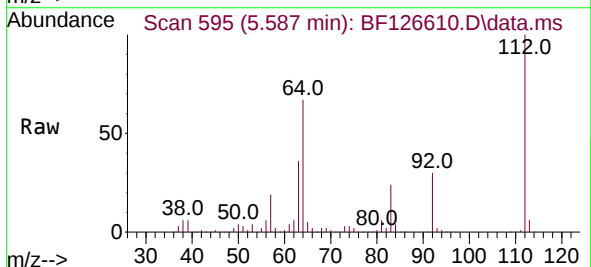
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2

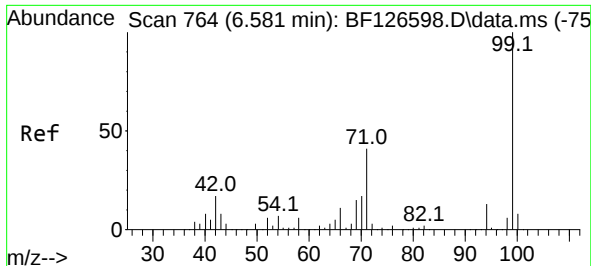
Tgt Ion:152 Resp: 91694
Ion Ratio Lower Upper
152 100
150 159.4 128.1 192.1
115 74.7 56.7 85.1



#5
2-Fluorophenol
Concen: 118.704 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.006 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

Tgt Ion:112 Resp: 827146
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 35.5 23.9 35.9

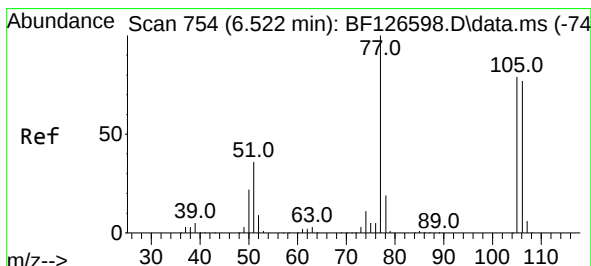
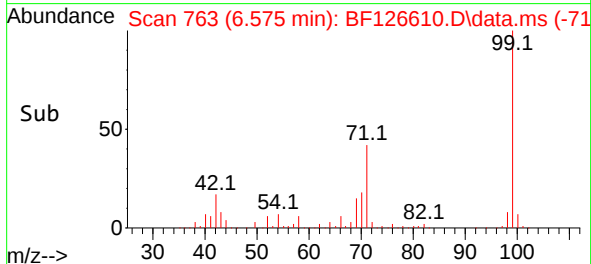
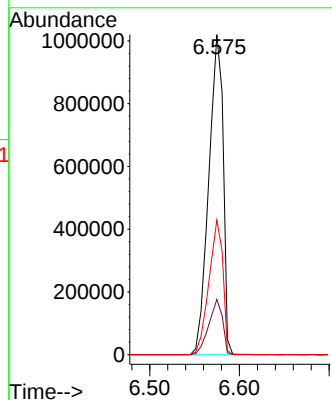
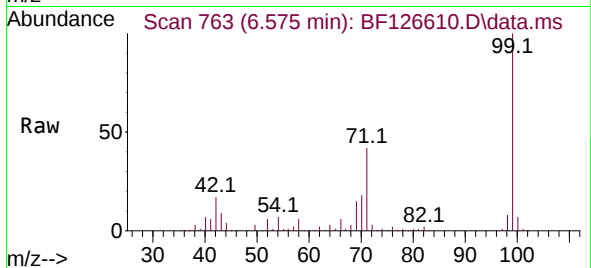




#7
Phenol-d6
Concen: 117.043 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

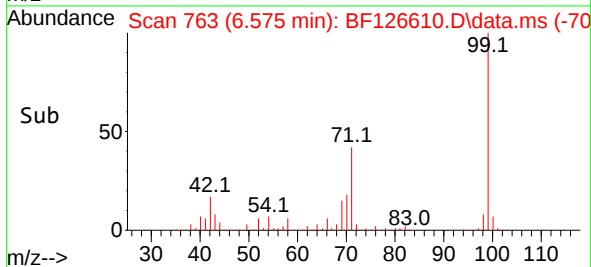
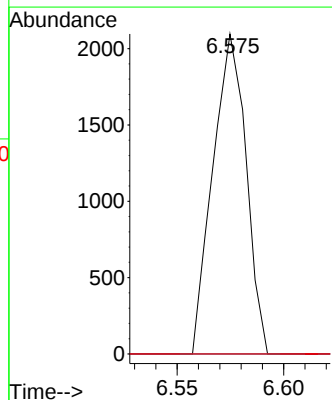
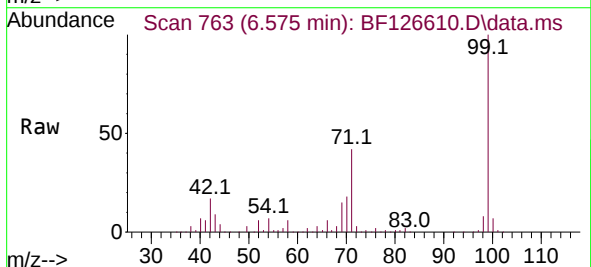
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2

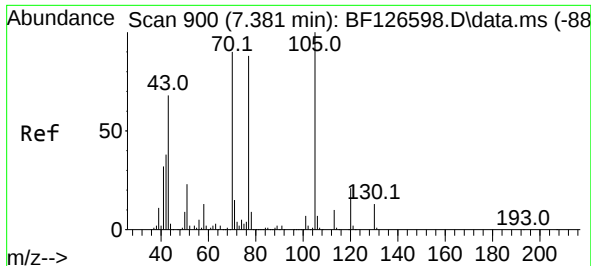
Tgt Ion: 99 Resp: 1133149
Ion Ratio Lower Upper
99 100
42 17.2 14.2 21.4
71 42.0 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 763
Delta R.T. 0.053 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

Tgt Ion: 77 Resp: 2274
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#

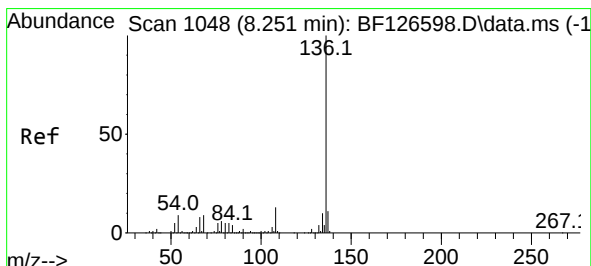
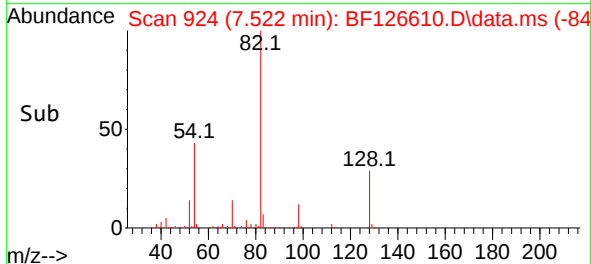
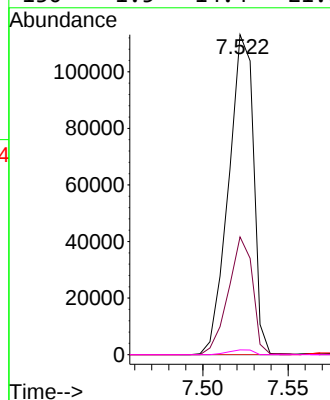
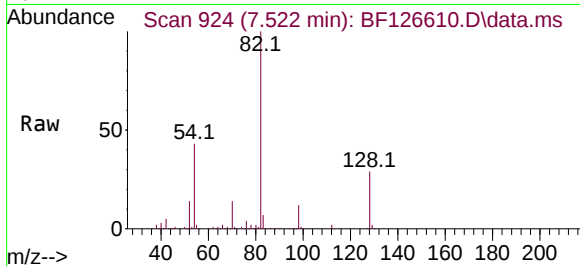




#19
n-Nitroso-di-n-propylamine
Concen: 16.298 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

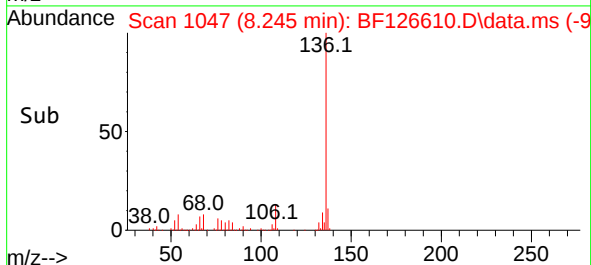
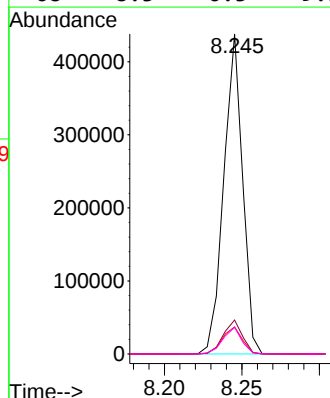
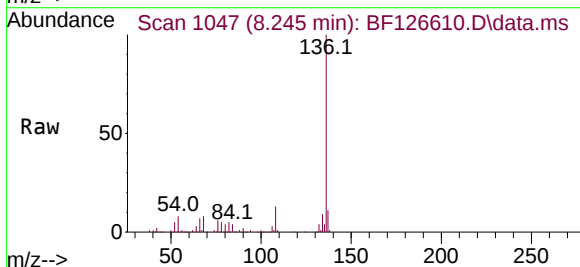
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2

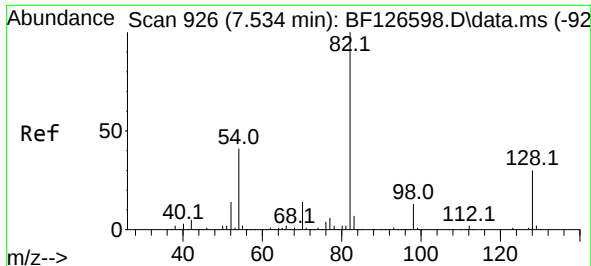
Tgt Ion: 70 Resp: 115159
Ion Ratio Lower Upper
70 100
42 36.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

Tgt Ion: 136 Resp: 369209
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.4 7.8 11.6
68 8.3 6.3 9.5

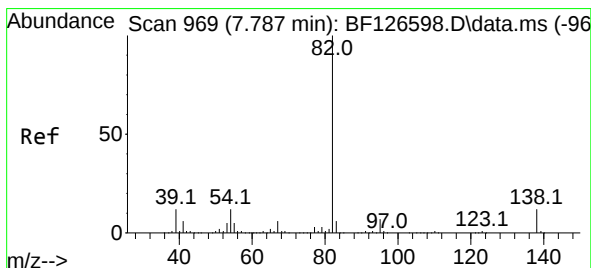
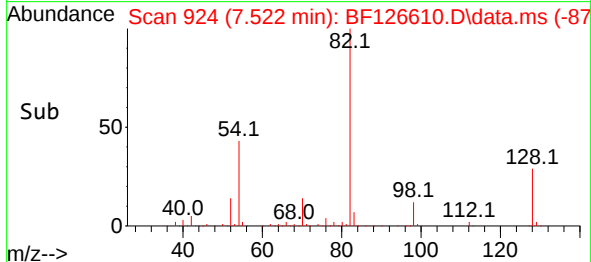
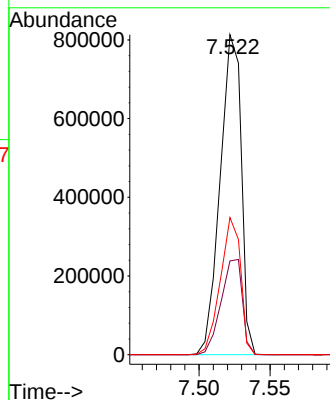
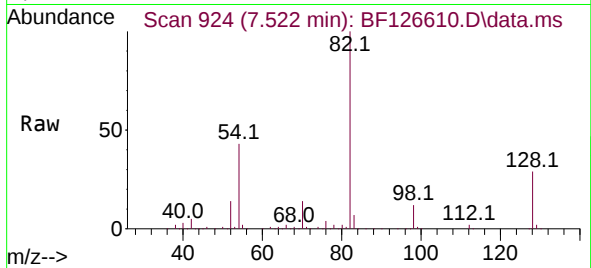




#23
Nitrobenzene-d5
Concen: 88.879 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

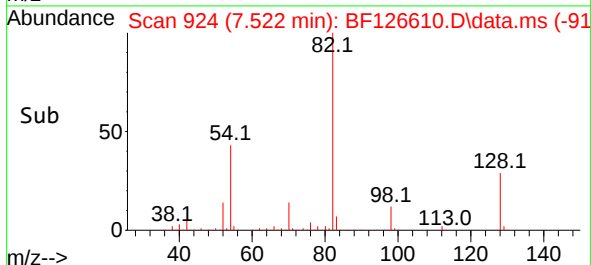
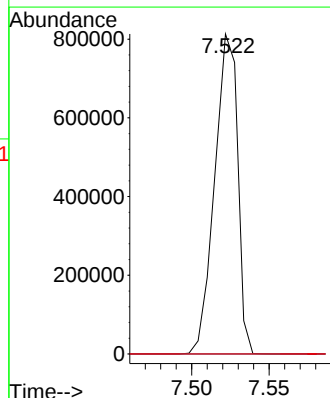
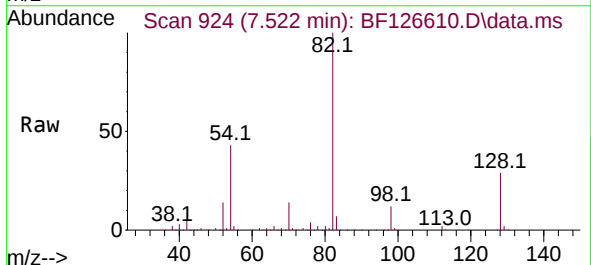
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2

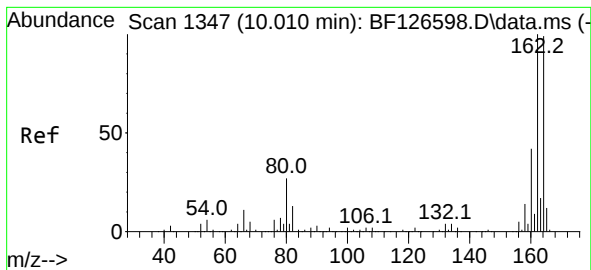
Tgt Ion: 82 Resp: 838376
Ion Ratio Lower Upper
82 100
128 29.3 32.7 49.1#
54 42.8 41.7 62.5



#25
Isophorone
Concen: 45.829 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

Tgt Ion: 82 Resp: 838358
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: BF126610.D

Acq: 20 Jan 2022 14:58

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2

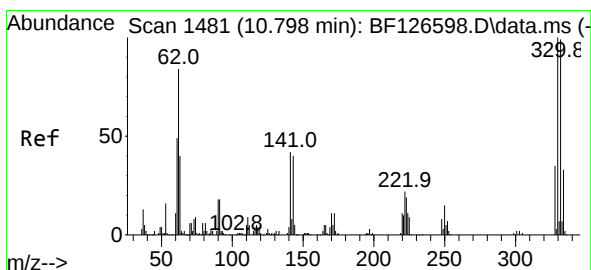
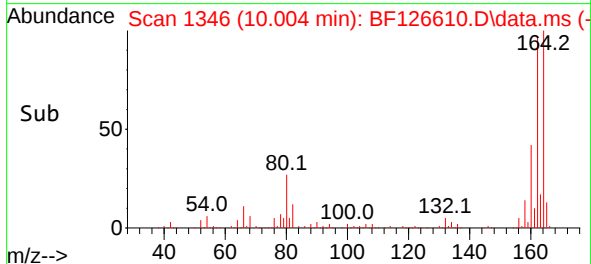
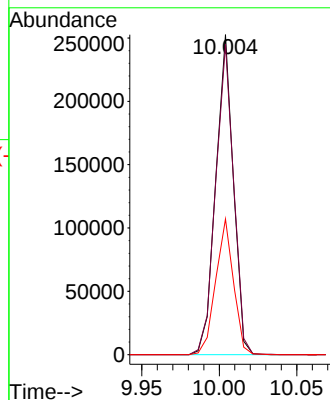
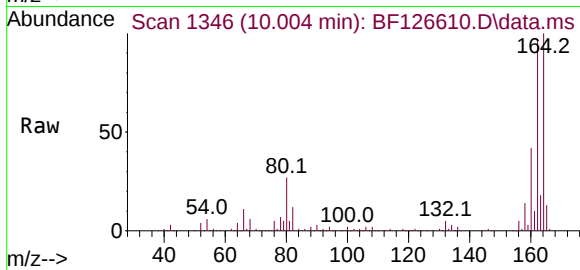
Tgt Ion:164 Resp: 199271

Ion Ratio Lower Upper

164 100

162 96.9 81.4 122.0

160 42.4 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 112.580 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF126610.D

Acq: 20 Jan 2022 14:58

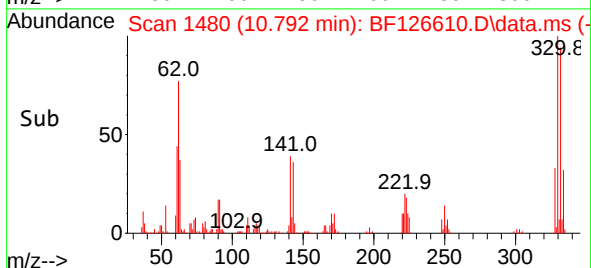
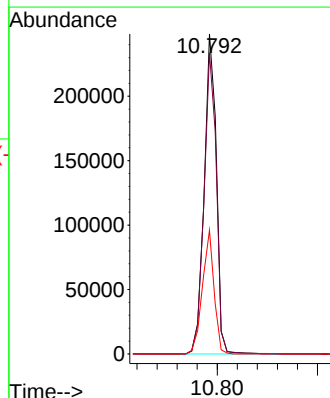
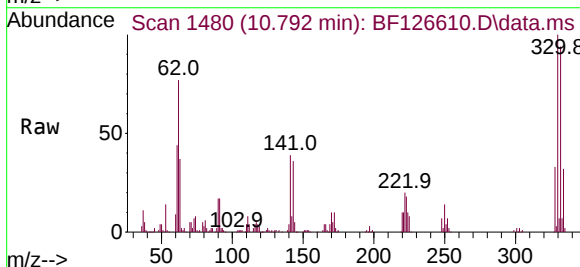
Tgt Ion:330 Resp: 209946

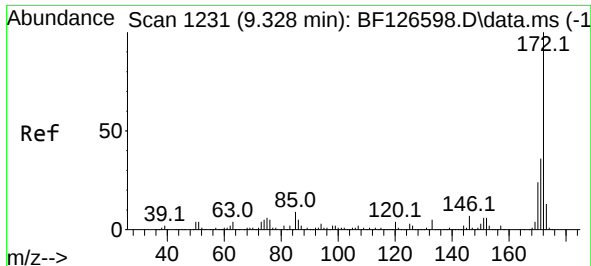
Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

141 37.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 74.954 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126610.D

Acq: 20 Jan 2022 14:58

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2

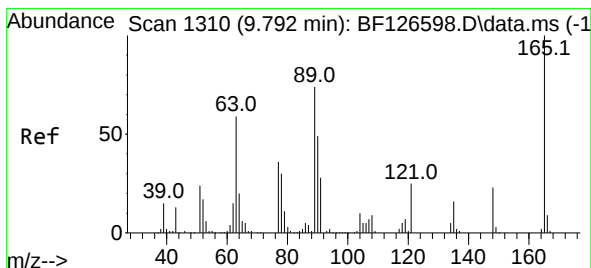
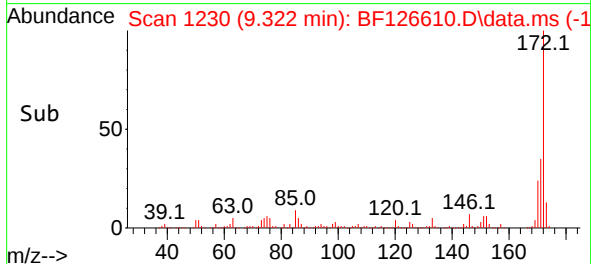
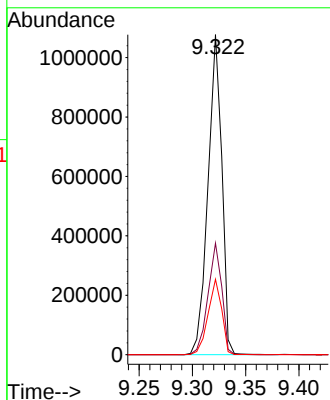
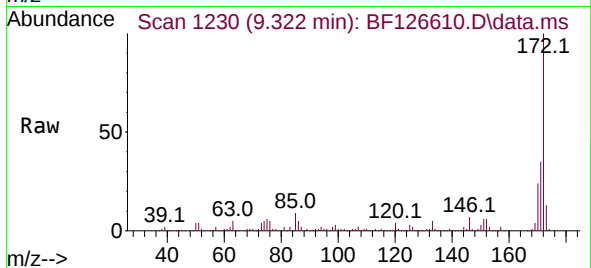
Tgt Ion:172 Resp: 975270

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.498 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126610.D

Acq: 20 Jan 2022 14:58

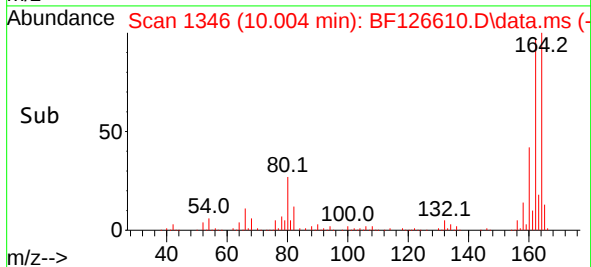
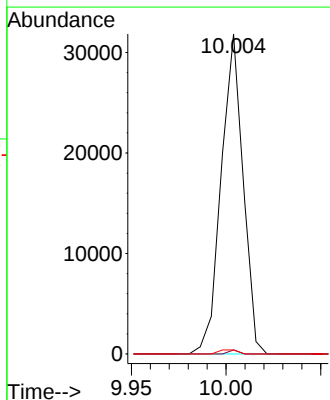
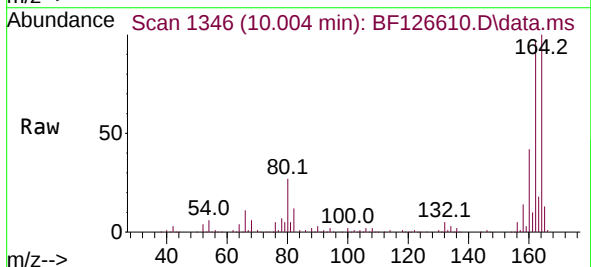
Tgt Ion:165 Resp: 25638

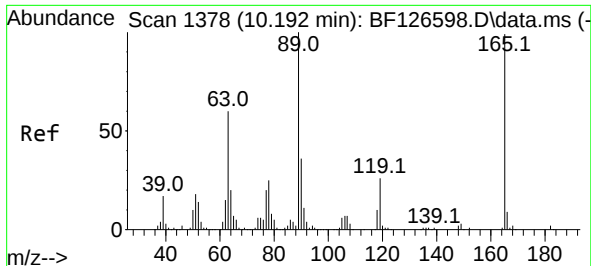
Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.3 50.5 75.7#

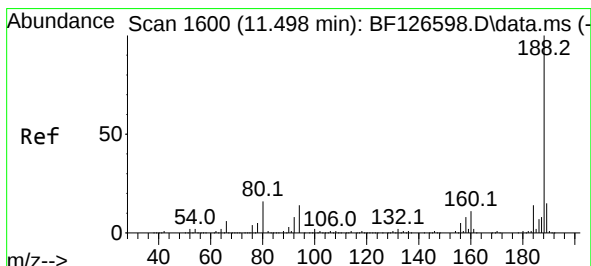
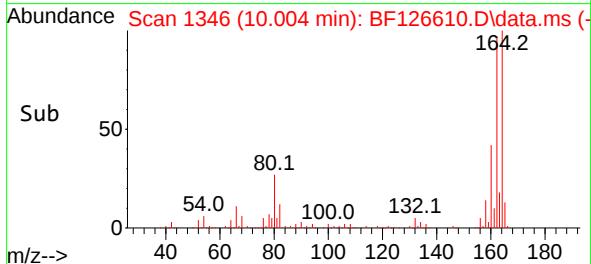
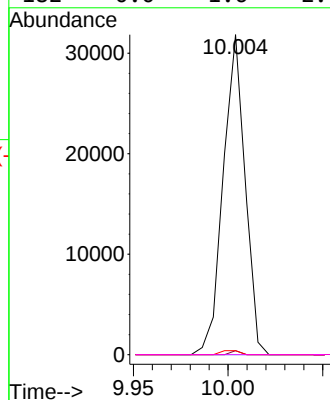
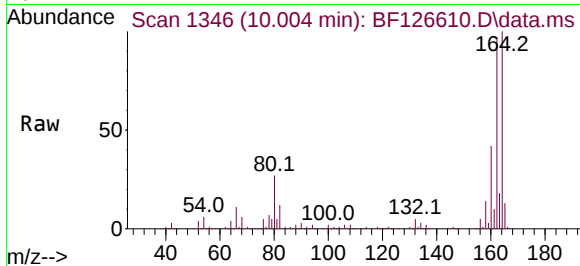




#57
2,4-Dinitrotoluene
Concen: 8.663 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

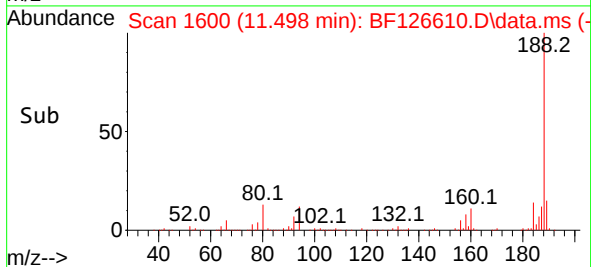
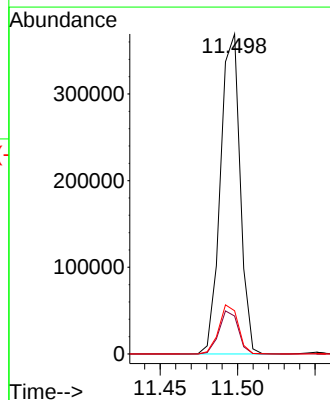
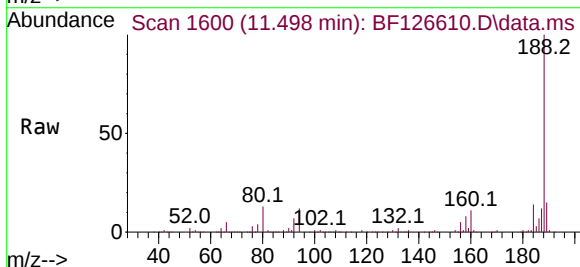
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2

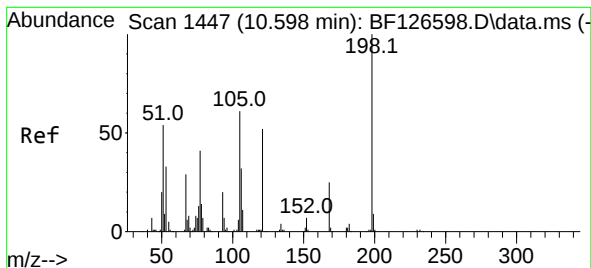
Tgt Ion:165 Resp: 25638
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

Tgt Ion:188 Resp: 325965
Ion Ratio Lower Upper
188 100
94 11.9 10.1 15.1
80 13.5 11.8 17.6

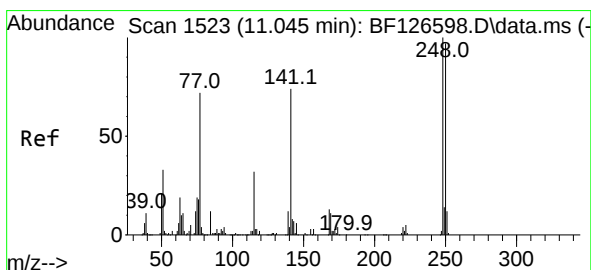
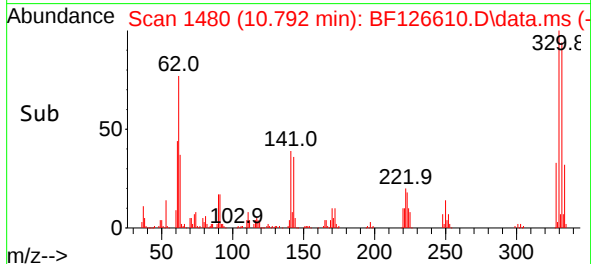
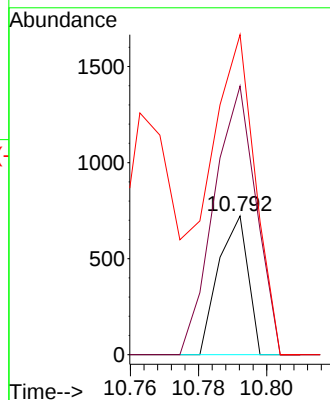
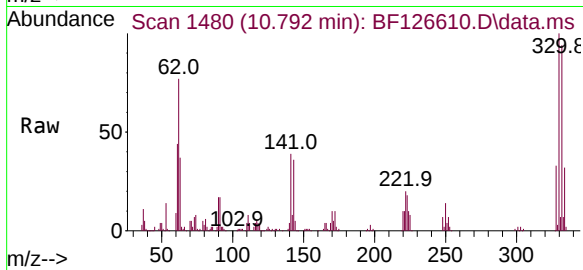




#65
4,6-Dinitro-2-methylphenol
Concen: 7.607 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

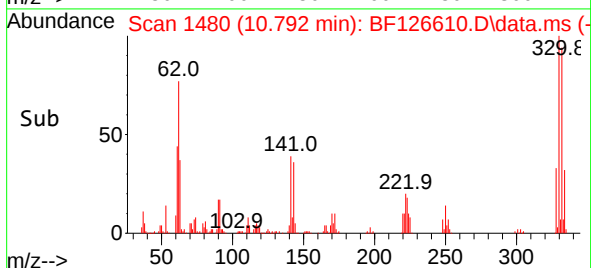
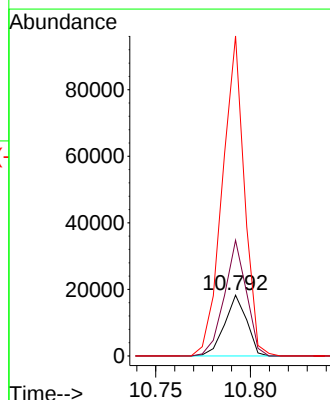
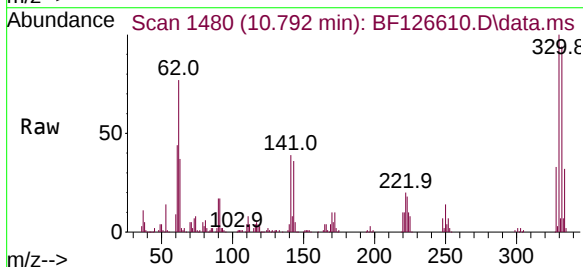
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2

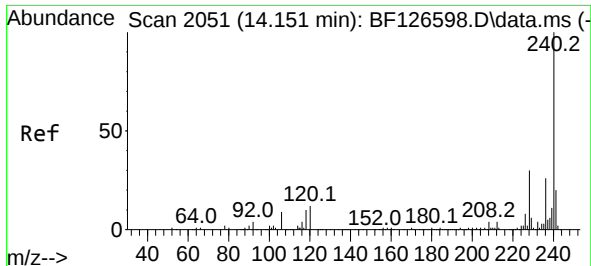
Tgt Ion:198 Resp: 434
Ion Ratio Lower Upper
198 100
51 193.8 32.0 72.0#
105 230.7 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.940 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

Tgt Ion:248 Resp: 14802
Ion Ratio Lower Upper
248 100
250 190.4 76.2 114.4#
141 526.7 66.2 99.4#

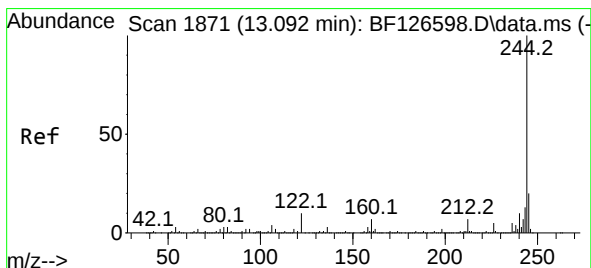
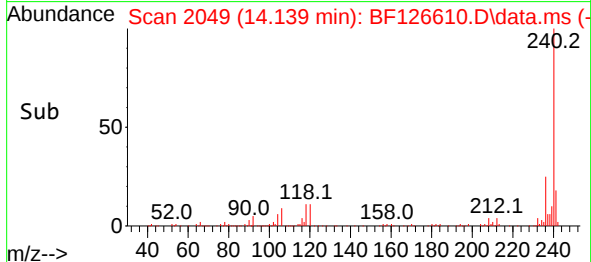
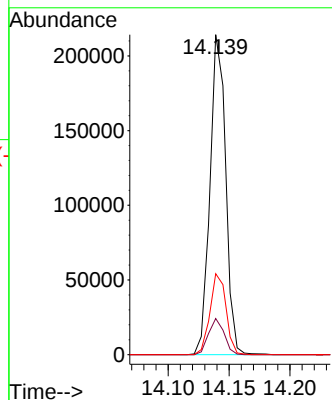
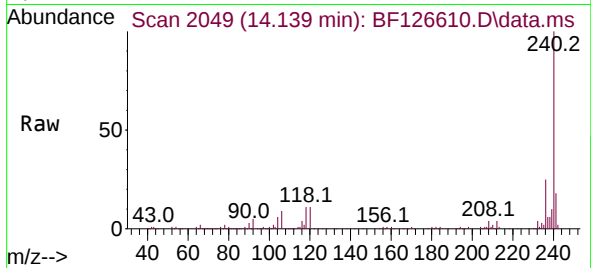




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

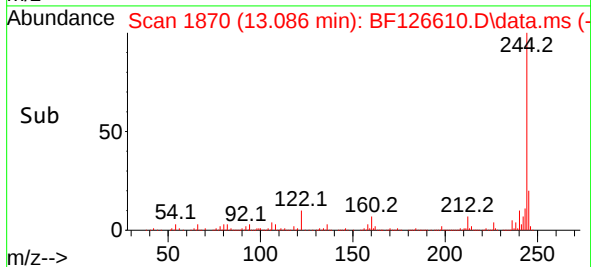
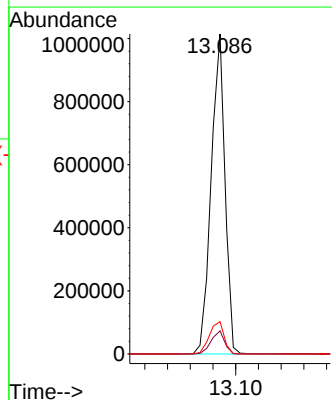
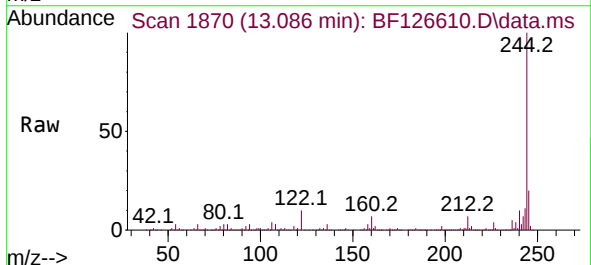
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2

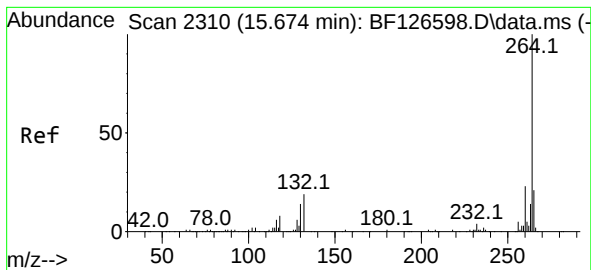
Tgt Ion:240 Resp: 191462
Ion Ratio Lower Upper
240 100
120 11.3 14.4 21.6#
236 25.3 20.5 30.7



#79
Terphenyl-d14
Concen: 74.920 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126610.D
Acq: 20 Jan 2022 14:58

Tgt Ion:244 Resp: 855227
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 10.1 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: BF126610.D
Acq: 20 Jan 2022 14:58

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2

Tgt Ion:264 Resp: 194765

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.4	17.4	26.2

